STEP BY STEP GATEWAY

3303 8th AVE SE
PUYALLUP, WA 98372

FIRE ALARM SYSTEM

EVERGREEN FIRE AND SECURITY
CERTIFIED BY UNDERWRITERS LABORATORIES

DRAWING SHEET INDEX

SHEET NO.	DESCRIPTION
FA-000	COVER SHEET
FA-001	PROJECT INFORMATION
FA-100	STEP BY STEP GATEWAY - SITE PLAN
FA-101	STEP BY STEP GATEWAY - FLOOR PLAN
FA-500	PANEL DETAILS
FA-501	CONNECTION DETAILS
FA-502	DEVICE DETAILS
FA-503	DEVICE DETAILS (CONT.)
FA-600	RISER
FA-601	MATRIX
FA-602	BATTERY CALCS

City of Puyallup
Fire
REVIEWED FOR COMPLIANCE
DDrake
05/12/2022
7:28:41 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.

SUBMITTAL

Evergreen FIRE AND SECURITY
EVERGREEN FIRE AND SECURITY
2111 SOUTH 90TH STREET
TACOMA, WA. 98444
253-627-3794

NICET CERTIFICATION INFO

NICET #	114223
LEVEL	IV
SUB-FIELD	FIRE ALARMS
EXPIRATION DATE	08/01/23
NAME	BRIAN LINDBO

GENERAL NOTES

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

REVISIONS/NOTES

REVISION	DATE	CAD/DESIGN

JOB DETAILS

DESIGNED BY:	B.LINDBO
DRAWN BY:	A.MURPHREE
CHECKED BY:	D.MOLMEN
CREATION DATE:	01/24/2022
DRAWING SCALE:	VARIES

JOB NAME

STEP BY STEP GATEWAY

TITLE PAGE

PAGE NUMBER

FA-000

01 OF 11

GENERAL SYSTEM NOTES

1. METALLIC RACEWAY SHALL BE USED IF REQUIRED BY CODE.
2. ALL RACEWAYS MUST BE FREE OF MOISTURE.
3. REFER TO EVERGREEN FIRE & SECURITY (EFS) FIRE DATA SHEETS FOR PROPER TYPE AND SIZES OF REQUIRED DEVICE MOUNTING BOXES. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROPER INSTALLATION OF ALL DEVICES.
4. AC VOLTAGE IS NOT PERMITTED IN THE SAME RACEWAY AS FIRE ALARM WIRING.
5. UNRELATED (NON-FIRE) WIRING SHALL NOT BE IN THE SAME RACEWAY AS FIRE ALARM WIRING.
6. ALL CONTRACTOR FIELD WIRING MUST ENTER TOP AND/OR BOTTOM RIGHT OF FIRE ALARM CONTROL PANEL ONLY. SEE DATA SHEET.
7. ALL FIRE ALARM WIRING SHALL TEST FREE OF OPENS, SHORTS, AND GROUNDS.
8. ALL WIRES SHALL BE LABELED AND TAGGED.
9. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL CONDUIT AND BACK BOXES. EFS WILL PROVIDE ALL SPECIALTY BACK BOXES FOR ELECTRICAL CONTRACTOR INSTALLATION.
10. ALL WIRE SHALL MEET ALL APPLICABLE NATIONAL ELECTRICAL CODE ARTICLES FOR FIRE ALARM AND LOW VOLTAGE WIRING.

FIRE SYSTEM DESIGNED BY: EVERGREEN FIRE & SECURITY TACOMA, WASHINGTON
FIRE SYSTEM INSTALLED BY: EVERGREEN FIRE & SECURITY TACOMA, WASHINGTON
FIRE SYSTEM EQUIPMENT BY: EVERGREEN FIRE & SECURITY TACOMA, WASHINGTON

WIRE CHART

CIRCUIT TYPE	CABLE TYPE	NO.	GAUGE	COLOR	NOTES
ADDRESSABLE INITIATING CIRCUIT	FPLR	A	16/2	RED JACKET	
INDICATING CIRCUIT - BELL CIRCUIT	FPLR	B	12/2	RED JACKET	
INDICATING CIRCUIT - FA NAC	FPLR	N	12/2	RED JACKET	
ANNUNCIATOR CIRCUIT	FPLR	L	16/4	RED JACKET	
REMOTE LED CIRCUIT	FPLR	R	16/2	RED JACKET	
REMOTE TEST SWITCH	FPLR	T	16/4	RED JACKET	

SYMBOL INDEX

SYMBOL	DESCRIPTION	MANUFACTURE	MODEL NUMBER	BACK BOX	QTY
FACP	FIRE ALARM CONTROL PANEL	SILENT KNIGHT	IFP-300	EFS TO SUPPLY	1
ANN	REMOTE ANNUNCIATOR	SILENT KNIGHT	00RA-1000	EFS TO SUPPLY	1
RTS	REMOTE TEST SWITCH	SILENT KNIGHT	RTS151KEY	4 SQ. DEEP BOX SINGLE GANG MUD RING	1
	ADDRESSABLE HEAT DETECTOR	SILENT KNIGHT	IDP-HEAT-W	SINGLE GANG BOX	1
	PHOTOELECTRIC SMOKE & SENSOR BASE (A BY SMOKE INDICATES ABOVE T-BAR CEILING)	SILENT KNIGHT	IDP-PHOTO-W B300-6	4 SQ. DEEP BOX SINGLE GANG MUD RING	22
	INTELLIGENT DUCT SMOKE DETECTOR	SILENT KNIGHT	DNR IDP-PHOTO-R-W	EFS TO SUPPLY	1
F	DOUBLE ACTION ADDRESSABLE PULL STATION	SILENT KNIGHT	IDP-PULL-DA	4 SQ. DEEP BOX SINGLE GANG MUD RING	1
M	SINGLE INPUT MONITOR MODULE	SILENT KNIGHT	IDP-MONITOR	4 SQ. DEEP BOX	2
DM	DUAL INPUT MONITOR MODULE	SILENT KNIGHT	IDP-MONITOR-2	4 SQ. DEEP BOX	4
CR	CONTROL RELAY MODULE	SILENT KNIGHT	IDP-RELAY	4 SQ. DEEP BOX	1
H	CEILING MOUNT HORN/STROBE	SYSTEM SENSOR	PC2WL	4 SQ. DEEP BOX SINGLE GANG MUD RING	8
F1	WEATHERPROOF HORN/STROBE	SYSTEM SENSOR	P2RK	EFS TO SUPPLY	1
F	FIRE STROBE, WALL	SYSTEM SENSOR	SWL	5 SQ. BOX 4 SQ. MUD RING	2
B	WEATHERPROOF SPRINKLER BELL	SYSTEM SENSOR	SSM-24-10	EFS TO SUPPLY	1
LI	LED INDICATOR	SYSTEM SENSOR	RA100Z	4 SQ. DEEP BOX SINGLE GANG MUD RING	6
	FLOW SWITCH (F.B.O.)	F.B.O.	F.B.O.	F.B.O.	1
	TAMPER SWITCH (F.B.O.)	F.B.O.	F.B.O.	F.B.O.	4
POST	POST INDICATOR VALVE (F.B.O.)	F.B.O.	F.B.O.	F.B.O.	1
LA	LOW AIR	F.B.O.	F.B.O.	F.B.O.	1
PS	PRESSURE SWITCH	F.B.O.	F.B.O.	F.B.O.	1

PROJECT INFORMATION

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2111 SOUTH 90TH STREET
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NAME	BRIAN LINDBO

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REVISIONS/NOTES

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JOB DETAILS

DESIGNED BY:	B.LINDBO
DRAWN BY:	A.MURPHREE
CHECKED BY:	D.MOLMEN
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DRAWING SCALE:	VARIES

JOB NAME

STEP BY STEP GATEWAY

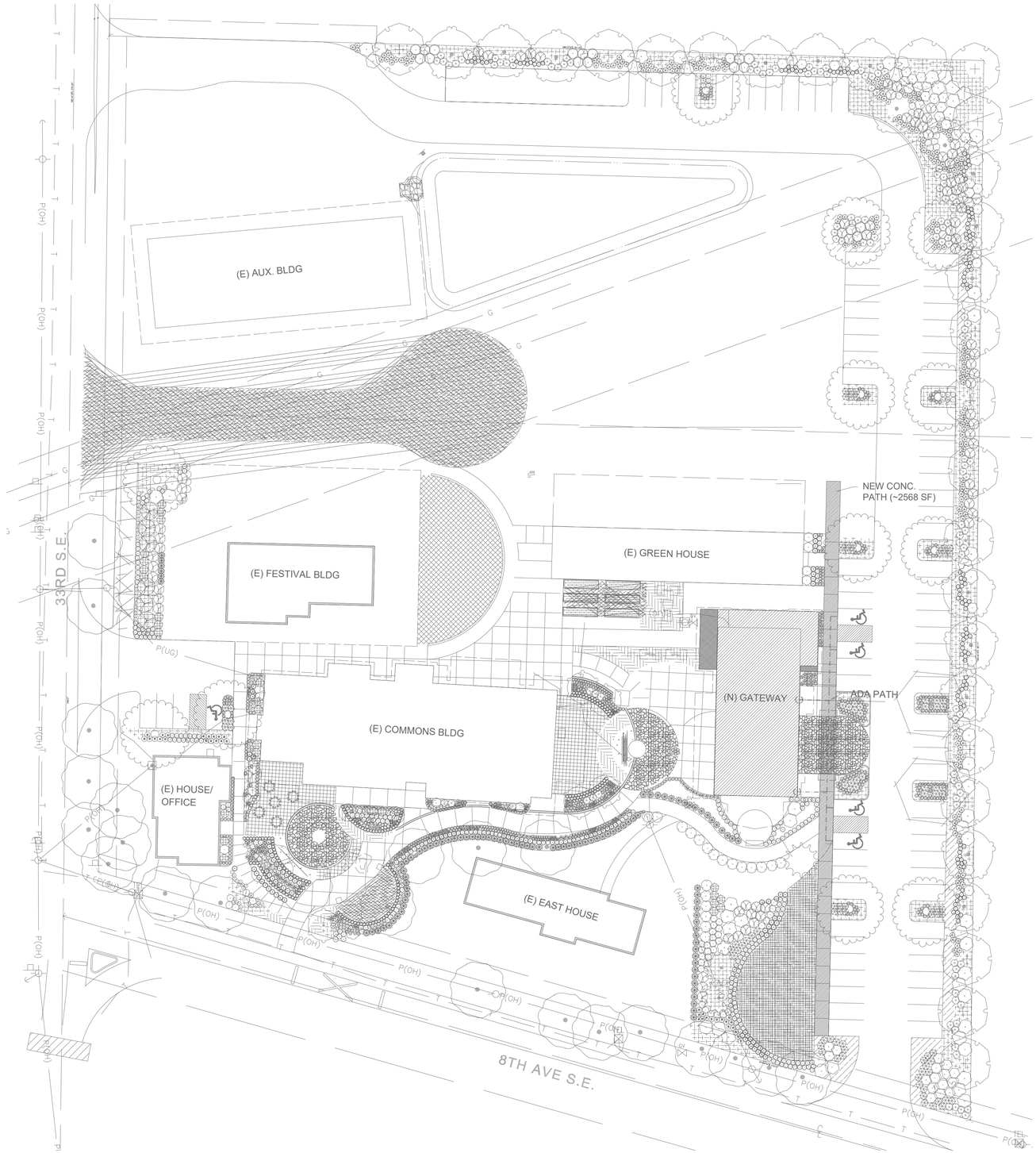
PROJECT INFORMATION

PAGE NUMBER

FA-001

02 OF 11

THIS LAYOUT WAS DESIGNED TO BE 22" x 34". IF DIFFERENT, ADJUST ACCORDINGLY.



STEP BY STEP GATEWAY - SITE PLAN

8' 4' 0 8' 16'

1/8" = 1'-0"

N

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JOB NAME

STEP BY STEP GATEWAY

STEP BY STEP GATEWAY
- SITE PLAN

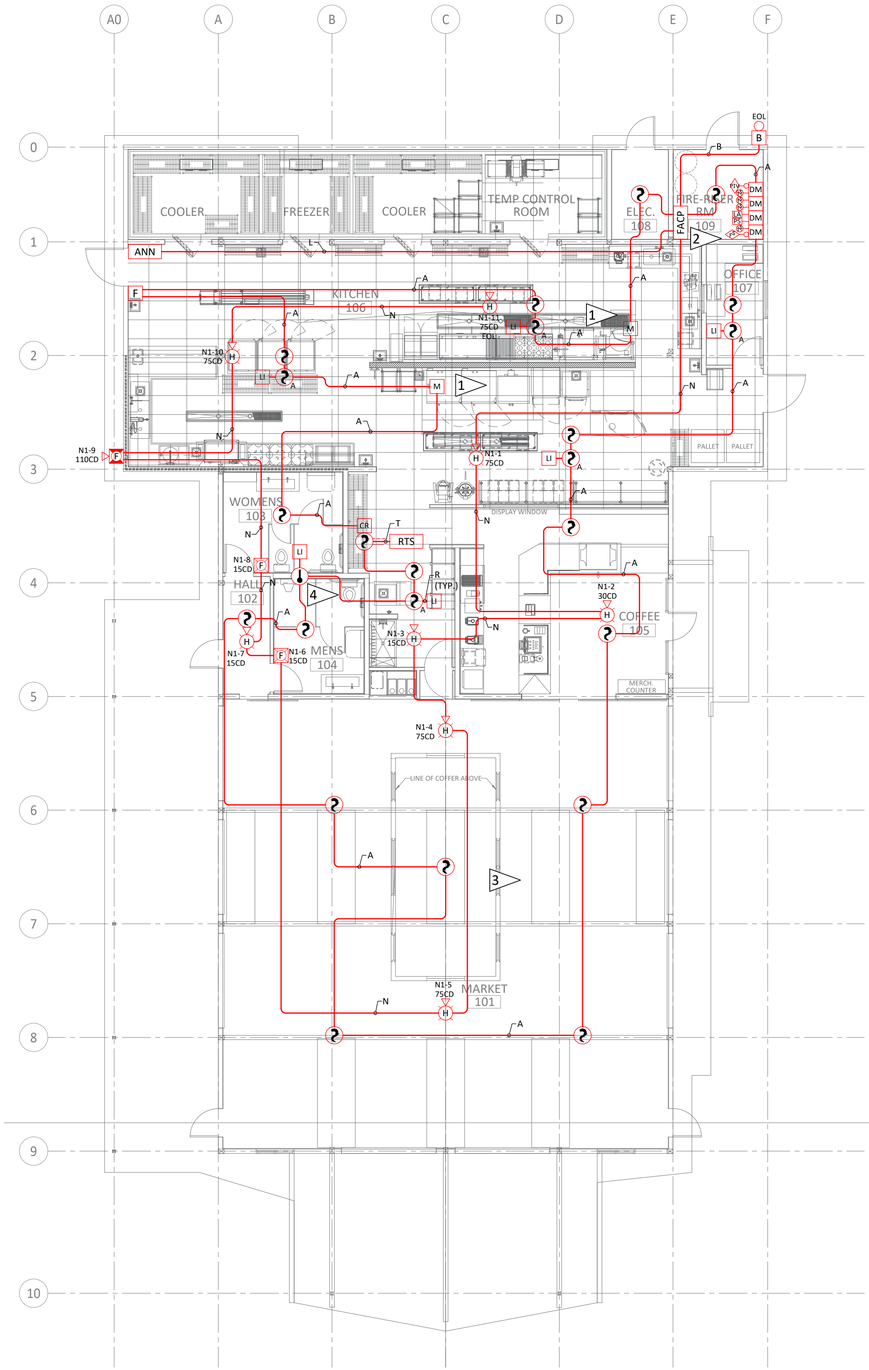
PAGE NUMBER

FA-100

03 OF 11

Plot Date 4/29/2022 7:47 AM File Name 100533 STEP BY STEP GATEWAY_29APR2022_DRAFT v1.2

THIS LAYOUT WAS DESIGNED TO BE 22" x 34". IF DIFFERENT, ADJUST ACCORDINGLY.



STEP BY STEP GATEWAY - FLOOR PLAN

8' 4' 0 8' 16'

1/8" = 1'-0"

N

Plot Date 4/29/2022 7:47 AM File Name 100533 STEP BY STEP GATEWAY_29APR2022_DRAFT v1.2

SYMBOL LEGEND

SYMBOL	DESCRIPTION	QTY
FACP	FIRE ALARM CONTROL PANEL	1
ANN	REMOTE ANNUNCIATOR	1
RTS	REMOTE TEST SWITCH	1
	ADDRESSABLE HEAT DETECTOR	1
	PHOTOELECTRIC SMOKE & SENSOR BASE (A BY SMOKES INDICATES ABOVE T-BAR CEILING)	22
	INTELLIGENT DUCT SMOKE DETECTOR	1
F	DOUBLE ACTION ADDRESSABLE PULL STATION	1
M	SINGLE INPUT MONITOR MODULE	2
DM	DUAL INPUT MONITOR MODULE	4
CR	CONTROL RELAY MODULE	1
H	CEILING MOUNT HORN/STROBE	8
F	WEATHERPROOF HORN/STROBE	1
F	FIRE STROBE, WALL	2
B	WEATHER PROOF SPRINKLER BELL	1
LI	LED INDICATOR	6
FS	FLOW SWITCH (F.B.O.)	1
TS	TAMPER SWITCH (F.B.O.)	1
PIV	POST INDICATOR VALVE (F.B.O.)	1
LA	LOW AIR	1
PS	PRESSURE SWITCH	1

WIRE CHART

CABLE USE	CABLE TYPE	NO.	GAUGE	COLOR
ADDRESSABLE INITIATING CIRCUIT	FPLR	A	16/2	RED JACKET
INDICATING CIRCUIT - BELL CIRCUIT	FPLR	B	12/2	RED JACKET
INDICATING CIRCUIT - FA NAC	FPLR	N	12/2	RED JACKET
ANNUNCIATOR CIRCUIT	FPLR	L	16/4	RED JACKET
REMOTE LED CIRCUIT	FPLR	R	16/2	RED JACKET
REMOTE TEST SWITCH	FPLR	T	16/4	RED JACKET

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NAME	BRIAN LINDBO

GENERAL NOTES

1. KITCHEN HOOD ANSUL SYSTEM MONITORING MODULE.
2. TWO PHONE LINES ARE REQUIRED FOR MOITORING VIA PHONE LINES.
3. THIS AREA IS OPEN TO STRUCTURE
4. THIS AREA ABOVE THE RESTROOM IS THE ONLY ATTIC SPACE IN THIS BUILDING

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

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JOB NAME

STEP BY STEP GATEWAY

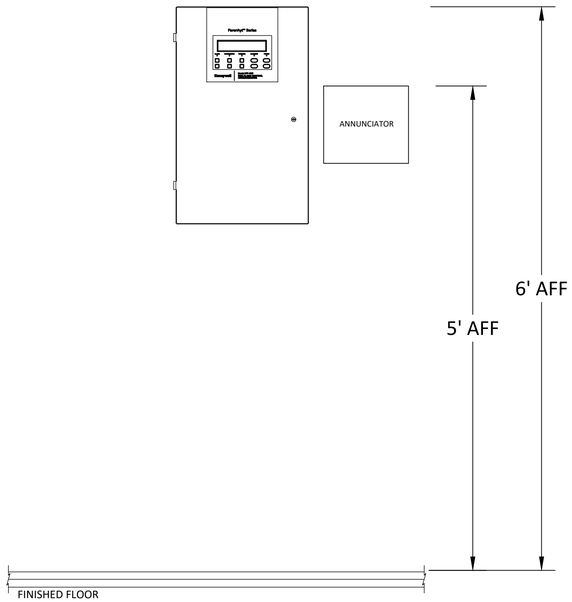
STEP BY STEP GATEWAY - FLOOR PLAN

PAGE NUMBER

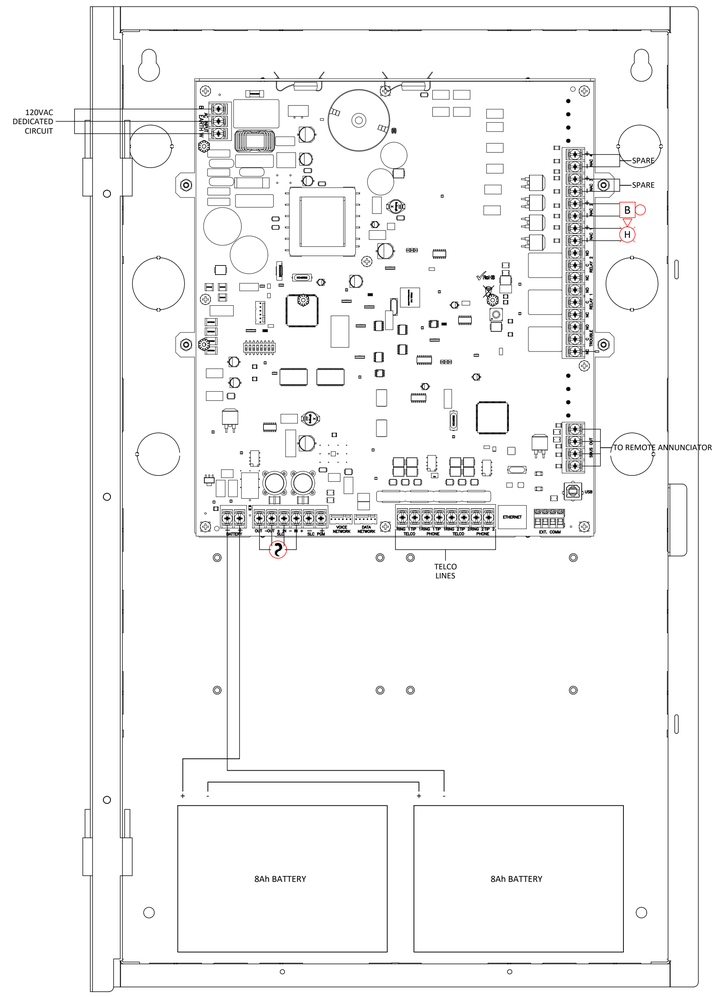
FA-101

04 OF 11

THIS LAYOUT WAS DESIGNED TO BE 22" x 34". IF DIFFERENT, ADJUST ACCORDINGLY.



IFP-300



IFP-300 PANEL DETAILS

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STEP BY STEP GATEWAY

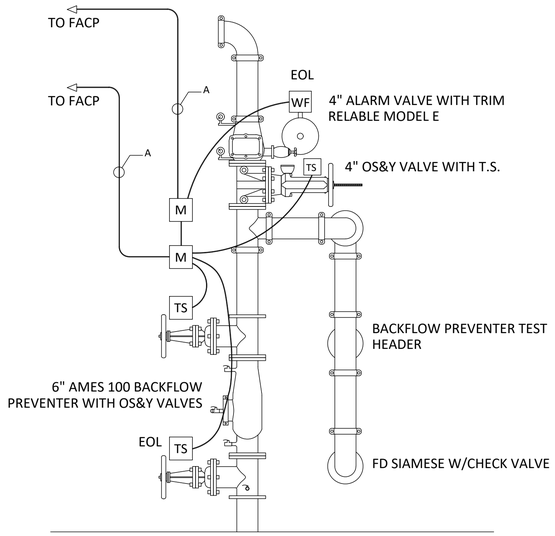
PANEL DETAILS

PAGE NUMBER

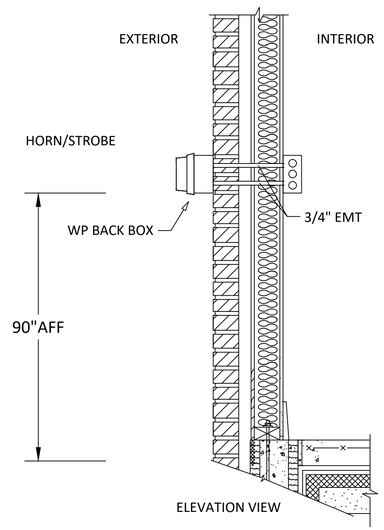
FA-500

05 OF 11

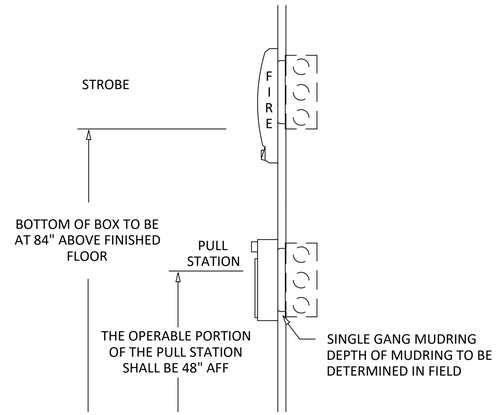
BACKFLOW PREVENTER MUST BE USC CERTIFIED IN THE VERTICAL POSITION



1 FA-501 RISER DETAIL
SCALE: NTS

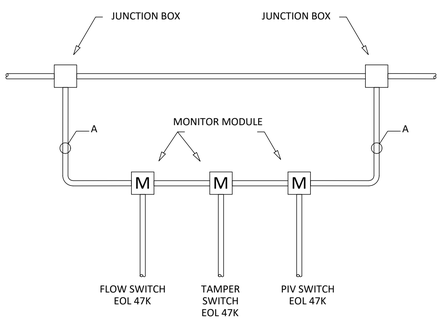


2 FA-501 EXTERIOR WEATHERPROOF BOX DETAIL
SCALE: NTS

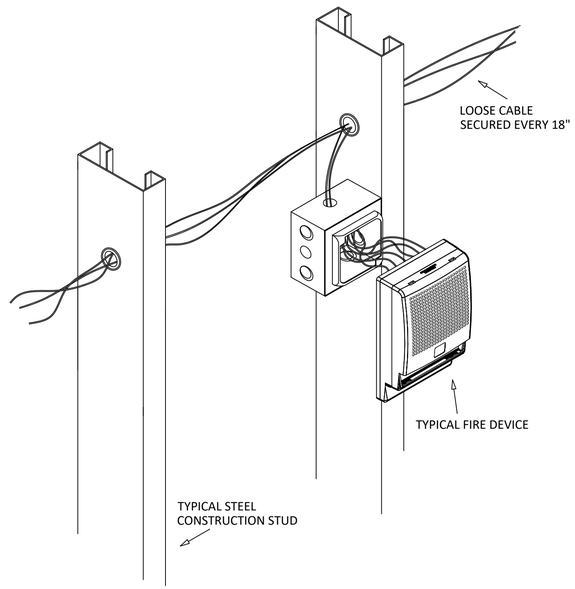


3 FA-501 DEVICE MOUNTING HEIGHTS DETAIL
SCALE: NTS

ALL WIRING TO BE RUN STRAIGHT FROM JUNCTION BOX TO JUNCTION BOX EXCEPT FOR THE ADDRESSABLE LOOP, WHICH DROPS DOWN TO CONNECT TO THE MONITOR MODULES



4 FA-501 MONITOR MODULE CONNECTION DETAIL
SCALE: NTS



5 FA-501 DEVICE MOUNTING WITH LOOSE CABLE DETAIL
SCALE: NTS

CONNECTION DETAILS

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2111 SOUTH 90TH STREET
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STEP BY STEP GATEWAY

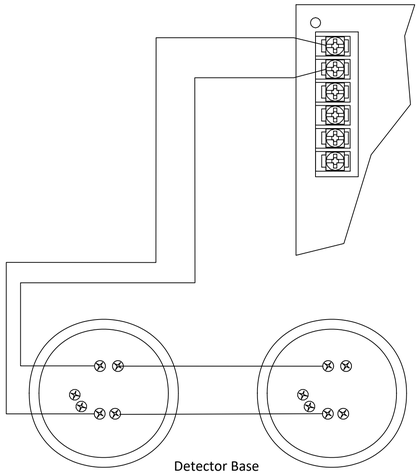
CONNECTION DETAILS

PAGE NUMBER

FA-501

06 OF 11

SILENT KNIGHT MODEL NO: IDP-PHOTO-W
IDP-HEAT-W
B300-6

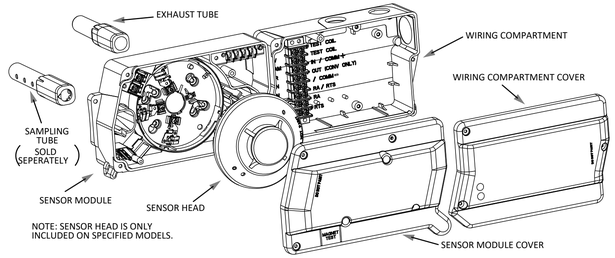


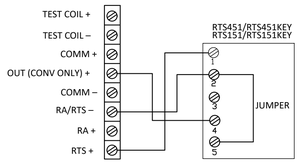
1 FA-502

SMOKE AND HEAT DETECTOR DETAIL

SCALE: NTS

SILENT KNIGHT MODEL NO.: DNR
IDP-PHOTO-R-W



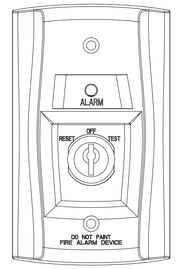


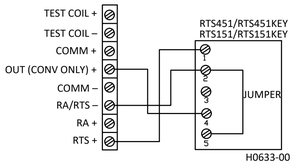
2 FA-502

DUCT SMOKE DETECTOR

SCALE: NTS

SILENT KNIGHT MODEL NO: RTS151KEY



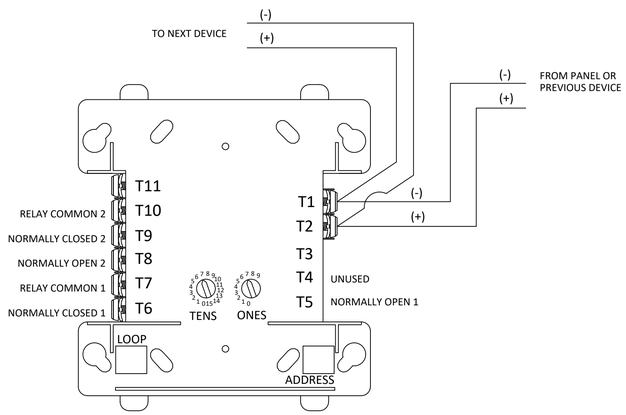


3 FA-502

REMOTE TEST SWITCH DETAIL

SCALE: NTS

SILENT KNIGHT MODEL NO. :IDP-RELAY

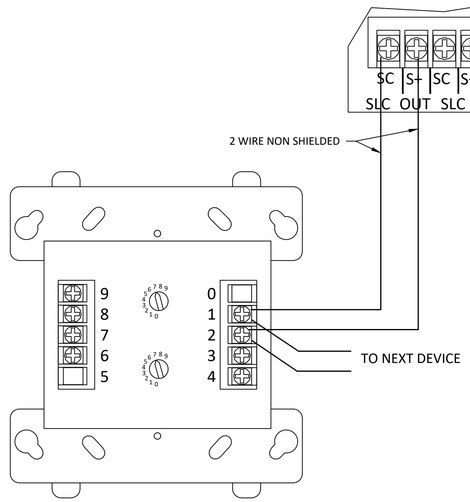


4 FA-502

RELAY CONTROL MODULE

SCALE: NTS

SILENT KNIGHT MODEL NO: IDP-MONITOR

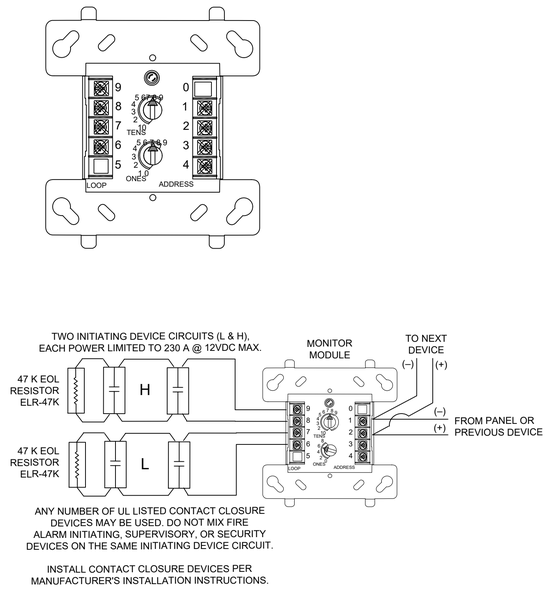


5 FA-502

SINGLE INPUT MOINITOR MODULE

SCALE: NTS

SILENT KNIGHT MODEL NO.: IDP-MONITOR 2



6 FA-502

DUAL MONITOR MODULE

SCALE: NTS

DEVICE DETAILS

SUBMITTAL

Evergreen FIRE AND SECURITY
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JOB NAME

STEP BY STEP GATEWAY

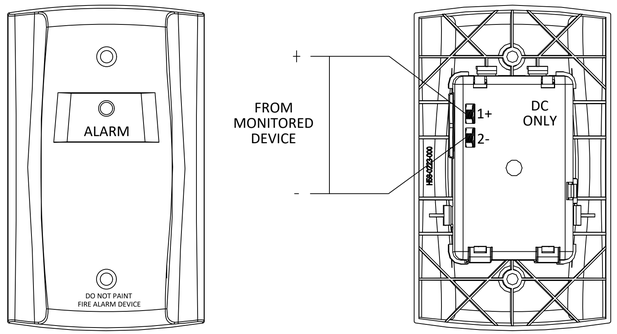
DEVICE DETAILS

PAGE NUMBER

FA-502

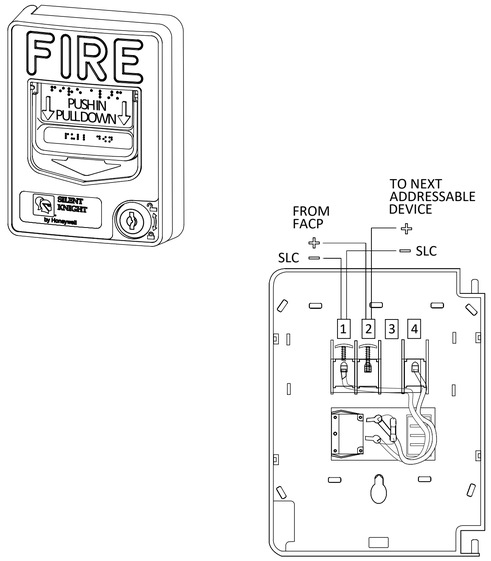
07 OF 11

SYSTEM SENSOR MODEL NO: RA100Z



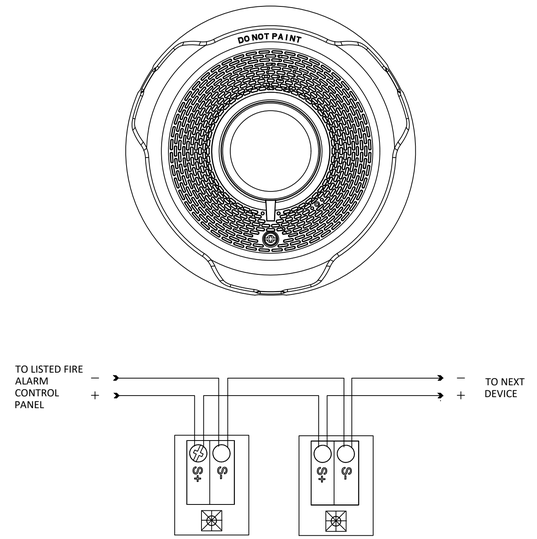
1 FA-503 — REMOTE LED
SCALE: NTS

SILENT KNIGHT MODEL NO: IDP-PULL-DA



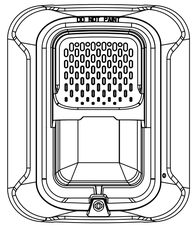
2 FA-503 — PULL STATION, DUAL ACTION
SCALE: NTS

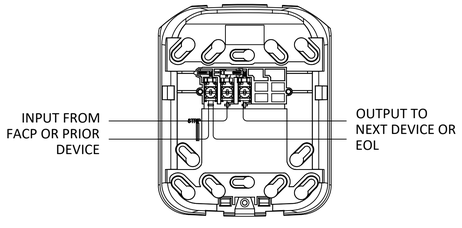
SYSTEM SENSOR MODEL NO. :PC2WL



3 FA-503 — CEILING HORN / STROBE DETAIL
SCALE: NTS

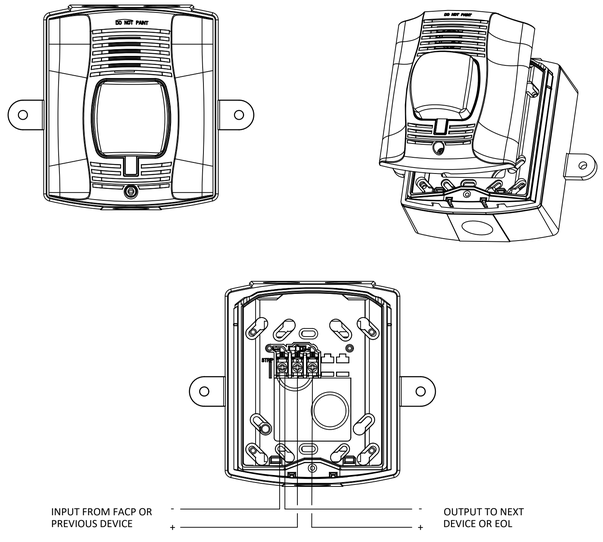
SYSTEM SENSOR MODEL NO: SWL





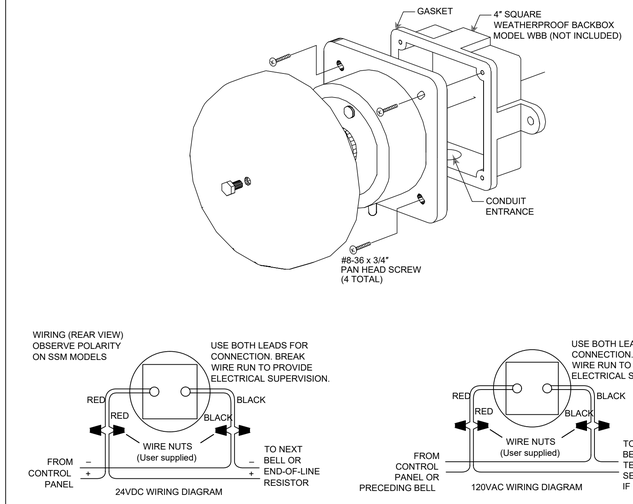
4 FA-503 — STROBE
SCALE: NTS

SYSTEM SENSOR MODEL NO: P2RK



5 FA-503 — WEATHERPROOF HORN/STROBE
SCALE: NTS

SYSTEM SENSOR MODEL NO: SSM-24-10



6 FA-503 — WEATHERPROOF SPRINKLER BELL
SCALE: NTS

DEVICE DETAILS (CONT.)

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EVERGREEN FIRE AND SECURITY
2111 SOUTH 90TH STREET
TACOMA, WA. 98444
253-627-3794

NICET CERTIFICATION INFO

NICET #	114223
LEVEL	IV
SUB-FIELD	FIRE ALARMS
EXPIRATION DATE	08/01/23
NAME	BRIAN LINDBO

GENERAL NOTES

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

REVISIONS/NOTES

REVISION	DATE	CAD/DESIGN

JOB DETAILS

DESIGNED BY:	B.LINDBO
DRAWN BY:	A.MURPHREE
CHECKED BY:	D.MOLMEN
CREATION DATE:	01/24/2022
DRAWING SCALE:	VARIES

JOB NAME

STEP BY STEP GATEWAY

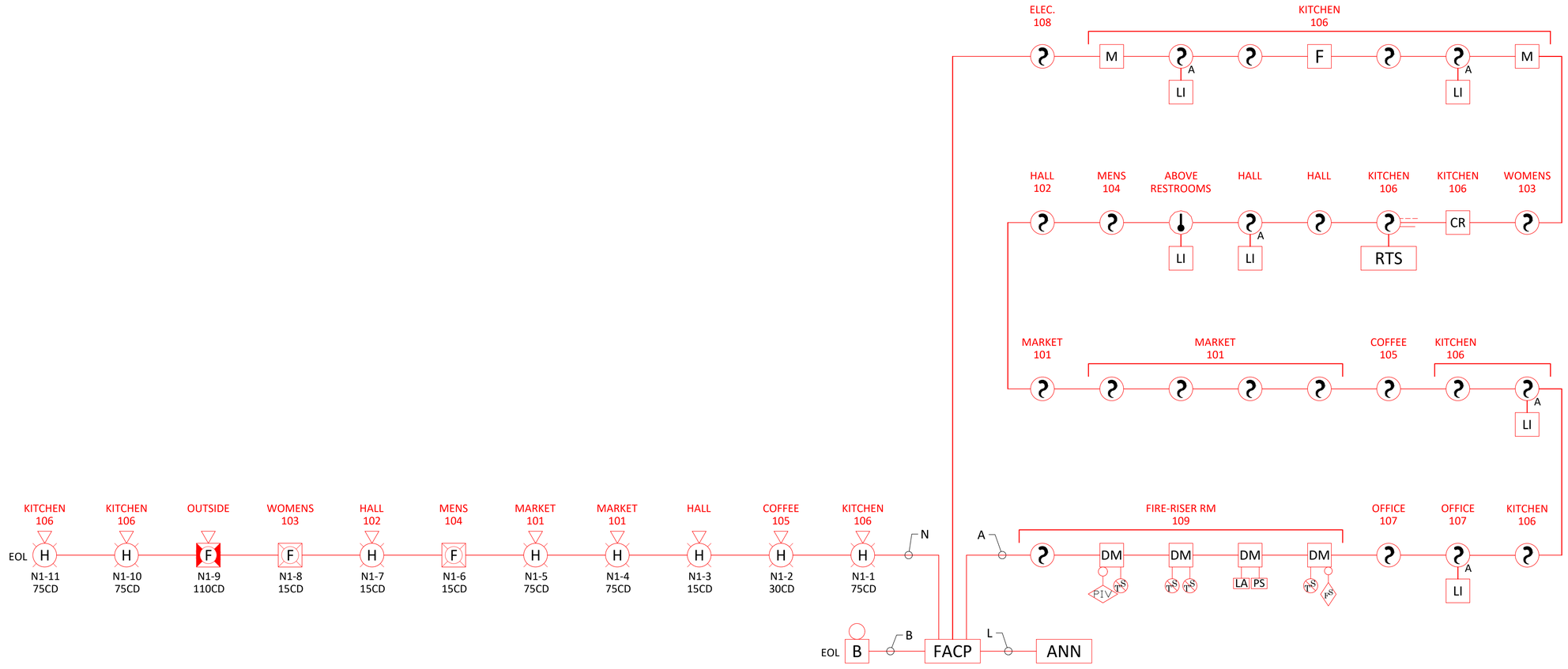
DEVICE DETAILS (CONT.)

PAGE NUMBER

FA-503

08 OF 11

THIS LAYOUT WAS DESIGNED TO BE 22" x 34". IF DIFFERENT, ADJUST ACCORDINGLY.



RISER DIAGRAM

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2111 SOUTH 90TH STREET
TACOMA, WA. 98444
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Development & Permitting Services
ISSUED PERMIT

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Engineering	Public Works
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CHECKED BY:	D.MOLMEN
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DRAWING SCALE:	VARIES

JOB NAME

STEP BY STEP GATEWAY

RISER DIAGRAM

PAGE NUMBER

FA-600

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FIRE ALARM SYSTEM OPERATION MATRIX	ANNUNCIATON AT FACP PANEL			TRANSMIT SIGNAL TO CENTRAL STATION				EVAC SIGNALS			AUX FUNCTIONS
	AUDIO-VISUAL COMMON TROUBLE INDICATION	AUDIO-VISUAL SUPERVISORY INDICATION	AUDIO-VISUAL GENERAL ALARM	COMMON TROUBLE SIGNAL TO CENTRAL STATION	SUPERVISORY SIGNAL TO CENTRAL STATION	GENERAL FIRE ALARM TO CENTRAL STATION	SPRINKLER WATER FLOW ALARM TO CENTRAL STATION	FACILITY FIRE EVACUATION AUDIO-VISUAL SIGNAL	EXTERIOR WATER FLOW BELL	ILLUMINATE REMOTE LED	SHUT DOWN HVAC FANS
FIRE ALARMS											
MANUAL FIRE ALARM PULL STATION			X			X		X			
WATER FLOW			X				X	X	X		
ABOVE CEILING SMOKE DETECTORS			X			X		X		X	
SMOKE DETECTORS			X			X		X			
PRESSURE SWITCH			X				X	X	X		
SUPERVISORY SIGNALS											
DUCT SMOKE DETECTOR		X			X						X
SPRINKLER SUPERVISORY VALVE		X			X						
PIV		X			X						
LOW AIR		X			X						
TROUBLE CONDITIONS											
FACP LOW BATTERY VOLTAGE	X			X							
FACP CIRCUIT FAULT	X			X							
FACP COMPONENT FAILURE	X			X							
FACP AC POWER FAILURE	X			X							

MATRIX

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JOB NAME

STEP BY STEP GATEWAY

MATRIX

PAGE NUMBER

FA-601

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Honeywell THE POWER OF CONNECTED | Farenhyt™ Series

IFP-300 Calculations-IDP
Version 04.16.18

Global Project Values:

Project Name: Step by Step Bateway Building
Project ID:
Prepared By: Evergreen Fire & Security
Date: 1/25/2022
Standby Hours: 24
Alarm Mins: 5
Derating Factor: 1.2
Voltage Drop Warning Threshold %: 15

Panel ID: IFP- 300 IDP Devices
Location: Sprinkler Room
Model: IFP-300 Fire Alarm Control Panel
Volts: 24 VDC
Max NAC Current: 3.0 Amps
Max Panel Current: 6.0 Amps

Part.#	Description	Qty	Current Draw Standby	Current Draw Alarm	Wire AWG & Type	Ohms Per 1000 Ft.	Length(ft) One-Way	Actual Ohms	Volts @ EOL	%Drop
IFP-300	Fire Alarm Control Unit	1	0.190	0.250						
IDP-Photo, Photo-T,PhotoR	Smoke detector		0.0000	0.0000						
IDP-Fire-CO	Fire-CO detector		0.0000	0.0000						
IDP-Heat, Heat-HT, ROR	Heat detector		0.0000	0.0000						
IDP-Beam, Beam-T	Beam detector		0.0000	0.0000						
DNR	Duct housing	1	0.0000	0.0000						
IDP Acclimate	IDP Acclimate		0.0000	0.0000						
IDP-Photo W	Photo W	22	0.0044	0.0990						
IDP-Photo-R-W	Photo-R-W	1	0.0002	0.0045						
IDP-Photo-T-W	Photo-T-W		0.0000	0.0000						
IDP-Heat-W	Heat-W	1	0.0002	0.0045						
IDP-Heat-ROR-W	Heat-ROR-W		0.0000	0.0000						
IDP-Heat-HT-W	Heat-HT-W		0.0000	0.0000						
IDP-Control	Control		0.0000	0.0000						
IDP-Control-6	Control-6		0.0000	0.0000						
IDP-Monitor, Minimon	Monitor, Minimon	2	0.0008	0.0008						
IDP-Monitor-2	Monitor-2	4	0.0030	0.0030						
IDP-Monitor-10	Monitor-10		0.0000	0.0000						
IDP-Pull-SA, Pull-DA	Pull-SA, Pull-DA	1	0.0004	0.0004						
IDP-Relay	Relay	1	0.0003	0.0003						
IDP-Relay-6	Relay-6		0.0000	0.0000						
IDP-RelayMon-2	RelayMon-2		0.0000	0.0000						
IDP-Zone	Zone		0.0000	0.0000						
IDP-Zone-6	Zone-6		0.0000	0.0000						
IDP-Iso (Isolator Module)	Iso (Isolator Module)		0.0000	0.0000						
IDP-ISO-6	ISO-6		0.0000	0.0000						
B224BI	Isolator Base		0.0000	0.0000						
B200S	Sounder Base		0.0000	0.0000						
B200SR	Sounder Base		0.0000	0.0000						
B200S-LF	Sounder Base LF		0.0000	0.0000						
B200SR-LF	Sounder Base LF		0.0000	0.0000						
B224RB	Relay Base		0.0000	0.0000						
RTS151	Magnetic Remote Test		0.000	0.0000						
RTS151KEY	Key Activated Test	1	0.000	0.0075						
RA100Z	Remote LED	6	0.000	0.060						
6815	SLC Expander		0.000	0.000						
RA-2000	LCD Remote Annunc		0.000	0.000						
RA-1000	LCD Remote Annunc	1	0.020	0.025						
RA-100	LCD Remote Annunc		0.000	0.000						
5824	Serial/Parallel Module		0.000	0.000						
5496	Power Expander		0.000	0.000						
RPS-1000	Power Expander		0.000	0.000						
5865-4	LED Annunciator (4G)		0.000	0.000						
5865-3	LED Annunciator (3G)		0.000	0.000						
5880	LED Driver Module		0.000	0.000						
5883	Relay Module		0.000	0.000						
CELL-MOD	Communicator		0.000	0.000						
SK-NIC	Network Interface Card		0.000	0.000						
SK-FML	Fiber Module		0.000	0.000						
SK-FSL	Fiber Module		0.000	0.000						
WIDP-WG1	Wireless Gateway		0.000	0.000						
ECS-NVCM	Voice control		0.000	0.000						
ECS-SW24	Zone Expander		0.000	0.000						
ECS-RPU	Remote Paging Unit		0.000	0.000						
ECS-LOC	Local Operating Console		0.000	0.000						
ECS-INT50W	50 Watt Internal Amp 25 volts		0.000	0.000						
ECS-INT50W	50 Watt Internal Amp 70 volts		0.000	0.000						
ECS-50W	50 Watt Amplifier		0.000	0.000						
ECS-125W	125 Watt Amplifier		0.000	0.000						
ECS-DUAL50W	50/100 Watt Amp		0.000	0.000						
ECS-50WBU	50 Watt Backup Amplifier		0.000	0.000						
NAC #1	Notification Appl Circuit	cfg	0.000	1.531	#12 Solid	1.59	450	1.43	18.21	10.74%
NAC #2	Notification Appl Circuit	cfg	0.000	0.202	#12 Solid	1.59	10	0.03	20.39	0.03%
NAC #3	Notification Appl Circuit	cfg	0.000	0.000	#12 Solid	1.59		0.00	20.40	0.00%
NAC #4	Notification Appl Circuit	cfg	0.000	0.000	#12 Solid	1.59		0.00	20.40	0.00%
	Total Standby Current (Amps)		0.219	2.188	Total Alarm Current (Amps)					
	Standby Time In Hours		24	0.083	Alarm Time In Minutes / 60		(5 Mins)			
	Total Standby AH Required		5.260	0.182	Total Alarm AH Required					
	Total Combined AH Required			5.44						
	Multiply By The Derating Factor			1.20						
	Minimum Battery AmpHours Required			**6.53**						

N/A

Configure Circuits | Print Page

Honeywell Farenhyt™ Series — Circuit Configuration — Print Circuits Detail

Project Information

Project Name: Step by Step Bateway Building **Project ID:** 0
Prepared By: Evergreen Fire & Security **Date:** 1/25/2022

Ckt. Number: NAC #1 Panel ID: IFP- 300 IDP Devices
Ckt. Name: Notification Appl Circuit Use: Notification Appl Circuit

Qty	Device	Current Draw Each Standby	Current Draw Each Alarm	Current Draw Total Standby	Current Draw Total Alarm
2	System Sensor S/SC Strobe (15cd)	0.000	0.066	0.000	0.132
2	System Sensor P2/PC2 Horn/Strobe (15cd)	0.000	0.091	0.000	0.182
1	System Sensor P2/PC2 Horn/Strobe (30cd)	0.000	0.116	0.000	0.116
5	System Sensor P2/PC2 Horn/Strobe (75cd)	0.000	0.176	0.000	0.880
1	System Sensor P2/PC2 Horn/Strobe (110cd)	0.000	0.221	0.000	0.221
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
				0.000	0.000
				Totals	0.000	1.531

< Return To Main | Edit Device Database

Ckt. Number: NAC #2 Panel ID: IFP- 300 IDP Devices
Ckt. Name: Notification Appl Circuit Use: Notification Appl Circuit

Qty	Device	Current Draw Each Standby	Current Draw Each Alarm	Current Draw Total Standby	Current Draw Total Alarm
1	System Sensor Water Flow Bell	0.000	0.202	0.000	0.202
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
				0.000	0.000
				Totals	0.000	0.202

< Return To Main | Edit Device Database

Ckt. Number: NAC #3 Panel ID: IFP- 300 IDP Devices
Ckt. Name: Notification Appl Circuit Use: Notification Appl Circuit

Qty	Device	Current Draw Each Standby	Current Draw Each Alarm	Current Draw Total Standby	Current Draw Total Alarm
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
				0.000	0.000
				Totals	0.000	0.000

< Return To Main | Edit Device Database

Ckt. Number: NAC #4 Panel ID: IFP- 300 IDP Devices
Ckt. Name: Notification Appl Circuit Use: Notification Appl Circuit

Qty	Device	Current Draw Each Standby	Current Draw Each Alarm	Current Draw Total Standby	Current Draw Total Alarm
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
	Unused	0.000	0.000	0.000	0.000
				0.000	0.000
				Totals	0.000	0.000

< Return To Main | Edit Device Database

Evergreen FIRE AND SECURITY
EVERGREEN FIRE AND SECURITY
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TACOMA, WA. 98444
253-627-3794

NICET CERTIFICATION INFO

NICET #	114223
LEVEL	IV
SUB-FIELD	FIRE ALARMS
EXPIRATION DATE	08/01/23
NAME	BRIAN LINDBO

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ISSUED PERMIT
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REVISION
DATE CAD/DESIGN

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DESIGNED BY:	B.LINDBO
DRAWN BY:	A.MURPHREE
CHECKED BY:	D.MOLMEN
CREATION DATE:	01/24/2022
DRAWING SCALE:	VARIES

JOB NAME

STEP BY STEP GATEWAY

BATTERY CALCS

PAGE NUMBER

FA-602

11 OF 11

BATTERY CALCS

SUBMITTAL