

GOOD  
SAMARITAN  
HOSPITAL  
DOCTORS SLEEP ROOMS  
TENANT IMPROVEMENT  
Fire Alarm and Detection System

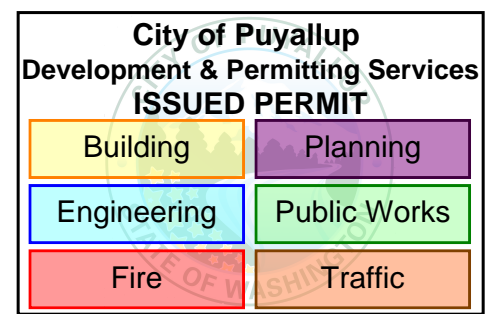
Equipment Supplied By



Project Team Contact Information

Sales Representative:	Tim Duggan	timothy.duggan@jci.com	(253) 509-8816
Project Engineer:	Scott Haynes	scott.haynes@jci.com	(206) 777-4850
Project Coordinator:	Kevin Barreith	kevin.barreith@jci.com	(206) 303-7765
Technician Scheduler:	Yvonne Thompson	yvonne.thompson@jci.com	(206) 777-4860

SHEET LIST TABLE		
INCLUDED	SHEET NUMBER	SHEET TITLE
X	FA-COV-01	TITLE SHEET
X	FA-COV-02	GENERAL INFORMATION
	FA-RIS-01	RISER DIAGRAM
	FA-DET-01	WIRING TYPICALS
	FA-DET-02	WIRING TYPICALS
X	FA-DET-03	WIRING TYPICALS
	FA-PG	PARKING
	FA-DO-01	DROP OFF
	FA-B-01	BASEMENT
	FA-G-01W	GROUND WEST
	FA-G-01E	GROUND EAST
	FA-F-01W	LEVEL 1 WEST
	FA-F-01E	LEVEL 1 EAST
X	FA-F-02W-D	LEVEL 2 WEST DEMO
	FA-F-02W	LEVEL 2 WEST
	FA-F-02E	LEVEL 2 EAST
	FA-R-01	ROOF



City of Puyallup  
Fire  
REVIEWED  
FOR  
COMPLIANCE

DDrake  
04/01/2025  
2:51:02 PM

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.

12781 Gateway Drive  
Tukwila, WA 98168  
SALES: 206-291-1400  
SERVICE: 206-291-1400

DRAWER	ENGINEER	PROJECT #
MAM	JWB	619230901
MAM		619230901
MAM		619230901
MAM	EQB	650284615
MAM	SEH	650772623

REVISION DESCRIPTION	DATE	NO.
GORDON EDU T.I.- CUSTOMER OMNT	2/22/21	17
GORDON EDU RECORD DRAWINGS	06/14/21	
GORDON EDU RECORD DWGS. UPDATES	09/02/21	
HYBRID O.R. #1 T.I.	5/5/23	18
DOCTORS SLEEP ROOMS T.I.	12/21/25	19

DRAWINGS REVIEWED BY:  
SCOTT HAYNES, CET  
NICET 142681

FIRE ALARM SYSTEMS, LEVEL III

FIRE ALARM SYSTEM  
TITLE SHEET

GOOD SAMARITAN HOSPITAL – WEST WING  
407 15TH AVENUE SOUTHEAST  
PUYALLUP, WA

APPROVED BY:  
K. CHUN

DRAWN BY:  
JCP

DATE:  
3-1-2000

PROJECT NUMBER:  
459-990051

SHEET NUMBER:  
FA-COV-01



## GENERAL FIRE ALARM SYSTEM NOTES

- 1) FIRE ALARM SYSTEM IS POWER LIMITED. METALLIC RACEWAY SHALL BE USED IF REQUIRED BY CODE, SPECIFICATIONS AND CONTRACT DOCUMENTS OR AHJ.
- 2) ALL RACEWAYS MUST BE FREE OF MOISTURE
- 3) REFER TO JOHNSON CONTROLS FIRE ALARM DATA SHEETS FOR PROPER TYPE AND SIZES OF REQUIRED DECADE MOUNTING ELECTRICAL 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 ALARM) WIRING SHALL NOT BE IN THE SAME RACEWAY AS FIRE ALARM WIRING.
- 6) ALL CONTRACTOR FIELD WIRING MUST ENTER ALARM CONTROL PANEL BACKBOX FOLLOWING POWER-LIMITED AND NON-POWER-LIMITED WIRING REQUIREMENTS. REFER TO INSTALLATION INSTRUCTIONS FOR MORE INFORMATION.
- 7) ZONE CIRCUITS AND SIGNAL CIRCUITS ARE ELECTRICALLY SUPERVISED. BRANCH CIRCUITS SHALL BE LOOPED TO MAINTAIN INTEGRITY OF SUPERVISED CIRCUITS---TAPPING OF ZONE CIRCUITS AND SIGNAL CIRCUITS IS NOT PERMITTED.
- 8) REFER TO FACD MODULE DIAGRAMS, INCLUDED WITH FACP, FOR SPECIFICATIONS AND INFORMATION ON INDIVIDUAL PANEL MODULES. VERIFY ALL CONNECTIONS WITH A JOHNSON CONTROLS FIELD TECHNICAL REPRESENTATIVE PRIOR TO TERMINATION.
- 9) ALL FIRE ALARM WIRING SHALL TEST FREE OF OPENS, SHORTS AND GROUND.
- 10) ALL WIRING SHALL BE LABELED AND TAGGED
- 11) ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAKING ALL FINAL CONNECTIONS PRIOR TO JOB CHECKOUT AND FINAL TESTING BY A JOHNSON CONTROLS FIELD TECHNICAL REPRESENTATIVE. CALL A MINIMUM OF 5 DAYS IN ADVANCE TO SCHEDULE A JOHNSON CONTROLS TECHNICIAN AT (206) 777-4860.
- 12) ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR MAKING ALL ARRANGEMENTS FOR INSPECTION, TEST AND CERTIFICATION OF THE FIRE ALARM SYSTEM BY ALL APPROPRIATE AUTHORITIES.
- 13) UPON WRITTEN REQUEST, JOHNSON CONTROLS WILL PROVIDE WRITTEN INSTRUCTIONS REGARDING THE APPROPRIATE WIRE/CABLE FOR INSTALLATION OF THE EQUIPMENT/SYSTEM(S) IDENTIFIED IN THESE DRAWINGS. JOHNSON CONTROLS SHALL NOT BE RESPONSIBLE FOR PROBLEMS OR DAMAGES RESULTING FROM THE USE OF WIRE/CABLE OTHER THAN THAT WHICH HAS BEEN IDENTIFIED IN WRITING BY JOHNSON CONTROLS FOR A SPECIFIC APPLICATION.
- 14) ALL WIRING SHALL MEET ALL APPLICABLE NATIONAL ELECTRIC CODE ARTICLES FOR FIRE ALARM AND LOW VOLTAGE WIRING.

TI ARCHITECT:	N/A N/A,WA.
FIRE ALARM SYSTEM TI DESIGNED BY:	JOHNSON CONTROLS TUKWILA, WA
FIRE ALARM SYSTEM TI INSTALLED BY:	PRECISION ELECTRIC GROUP REDMOND, WA
EQUIPMENT FOR FIRE ALARM SYSTEM SUPPLIED BY:	JOHNSON CONTROLS TULWILA, WA
WASHINGTON STATE ELECTRICAL CONTRACTORS NUMBER:	JOHNSCP831PR

• 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 PRODUCTS ORIGINAL DESIGN CRITERIA.

## ELECTRICAL CONTRACTOR

- ELECTRICAL CONTRACTOR IS TO SCHEDULE A PRELIMINARY SITE MEETING WITH A JOHNSON CONTROLS TECHNICAL REPRESENTATIVE. THESE MEETINGS ARE FOR REVIEWING EQUIPMENT LISTS, INSTALLATION PROCEDURES, AND PROVIDING ANSWERS TO QUESTIONS RELATIVE TO SYSTEM INSTALLATION.
- PLEASE ALLOW A MINIMUM OF FIVE WORKING DAYS ADVANCE NOTICE TO SCHEDULE A TECHNICAL REPRESENTATIVE.
- TO SCHEDULE A MEETING PLEASE CONTACT OUR SERVICE DEPARTMENT AT (206) 777-4860.
- DO NOT USE FIRE ALARM CABINET AS TERMINAL CABINET

NOTES:

- FIRE ALARM DRAWINGS ARE SCHEMATIC ONLY.
- ALL CABLE SUBSTITUTIONS MUST BE APPROVED BY SIMPLEX ENGINEERING IN WRITING.

STROBES AT 80" TO BOTTOM OF DEVICE.

- NOTE: MOUNT PULL STATIONS AT 48" TO TOP OF DEVICE.
- ALL SHIELDS ON THE SAME MAPNET CHANNEL OR SPEAKER CIRCUIT SHOULD BE TWISTED TOGETHER FOR CONTINUITY AND TAPED UP TO PREVENT GROUNDING. SPEAKER CIRCUIT SHOULD BE TAPED TOGETHER AND BE FREE OF OPENING, SHORTS, AND GROUNDS.
- DO NOT EXCEED 2500 FT UP TO FURTHEST DEVICE- MAXIMUM 10,000 FT ON MAPNET CHANNEL.
- DRY CONTACT ONLY PROVIDED FOR DOOR HOLDERS, ROLL DOORS AND SMOKE/FIRE DAMPERS - POWER BY OTHERS.

DUCT DETECTORS ARE NOT WEATHERPROOF.

ELECTRICIAN/PROTECTOR RESPONSIBLE FOR PROTECTING FROM ENVIRONMENTAL CONDITIONS (TEMPERATURE, MOISTURE, ETC)

- ALL SPEAKERS TO BE TAPPED AT 1/2 WATT, 25V UNLESS OTHERWISE NOTED.

## SPEAKER CIRCUIT

CIRCUIT #

#3	DROP-OFF LEVEL
#4	BASEMENT LEVEL
#5	GROUND LEVEL
#6	FIRST LEVEL
#7	FIRST LEVEL
#8	SECOND FLOOR & ROOF, PENTHOUSE LEVEL

NORTHWEST AMS  
1-877-870-0910  
SERVICE COMPANY  
SUTHERLAND SECURITY  
3991 TANWAX CT. E.  
EATONVILLE, WA. 98328

**ADDRESSABLE DETECTOR**  
**IDENTIFICATION**

X - X - X

MODULE/CIRCUIT #

DEVICE #

LOOP #

**BATTERY CALCULATIONS - FACP**

Does the system have an Emergency Generator that meets NEC 700.01?  
☒ X yes    ☐ no

How many hours of battery standby are required?  
☒ X 4    ☐ 24    ☐ 48    ☐ 60 (4 hours minimum w/ Emergency Generators)

Qty	Part #	Description	Standby Current (A)	Total Standby (A)	Total Alarm Current (A)	Total (A)
1	4100-9111	Fire Alarm Control Panel	3.7300	3.7300	4.7000	4.7000
		Audible/Visible Devices	0.0000	0.0000	5.9510	5.9510
5	4603-9101	LCD Annunciator	0.0300	0.1500	0.1700	0.8500
2	4098-9756	TrueAlarm Duct Smoke Sensor	0.0024	0.0048	0.0150	0.0300
5	4098-9753	Duct Detector	0.0017	0.0085	0.0017	0.0085
4	4988-9843	Duct Detector Relay	0.0000	0.0000	0.0150	0.1050
35	2088-0008	Remote Relay	0.0000	0.0000	0.0150	0.5250
31	2190-9163	Control Zarn	0.0100	0.3100	0.0400	1.2400
2	2190-9161	Signal Zarn	0.0150	0.0300	0.0400	0.0800
Total Standby=				4.2333	Total Alarm	13.4895
					Time (Hrs)	
Total Standby Current Required=			4.2333	X	4.0000	16.9332
Total Alarm Current Required=			13.4895	X	0.2500	3.3724
Total=						20.3056
20% Depletion Factor=						4.0611
Total Amp/Hour Required=						24.3667
Total Amp/Hour Batteries Provided=					(1) set	110.0000

BATTERY CALCULATIONS - NAC#1 LEVEL G						
Does the system have an Emergency Generator that meets NEC 700.01?						
<input type="checkbox"/> _yes <input checked="" type="checkbox"/> _no						
How many hours of battery standby are required?						
<input checked="" type="checkbox"/> _4 <input type="checkbox"/> _X 24 <input type="checkbox"/> _48 <input type="checkbox"/> _60 (4 hours minimum w/ Emergency Generators)						
Qty	Part #	Description	Standby Current (A)	Total Standby (A)	Alarm Current (A)	Total Alarm (A)
1	4009-0201	NAC Panel	0.0850	0.0850	0.1850	0.1850
1		Total Current from Volt Drop	0.0000	0.0000	3.5600	3.5600
			Total Standby=	0.0850	Total Alarm=	3.7450
					<u>Time (Hrs)</u>	
Total Standby Current Required=			0.0850	X	24.0000	2.0400
Total Alarm Current Required=			3.7450	X	0.0833	0.3120
Total=						2.3520
20% Depletion Factor=						0.4704
Total Amp/ Hour Required=						2.8224
Total Amp/ Hour Batteries Provided=					(1) set	6.2000

**BATTERY CALCULATIONS - NAC#2 LEVEL 1**

Does the system have an Emergency Generator that meets NEC 700.17?  
       yes                      X no

How many hours of battery standby are required?  
       \_\_4\_\_ X 24    \_\_48\_\_ \_\_60\_\_ (4 hours minimum w/ Emergency Generators)

Qty	Part #	Description	Standby Current (A)	Total Standby (A)	Alarm Current (A)	Total Alarm (A)
1	4009-9201	NAC Panel	0.0850	0.0850	0.1850	0.1850
		Total Current from Volt Drop	0.0000	0.0000	2.5170	2.5170
		<b>Total Standby=</b>		0.0850	<b>Total Alarm=</b>	2.7020
		<b>Total Standby Current Required=</b>	0.0850	X	<div style="text-align: center;"><u>Time (Hrs)</u></div> 24.0000	2.0400
		<b>Total Alarm Current Required=</b>	2.7020	X	0.0833	0.2251
		<b>Total=</b>				2.2651
		20% Depletion Factor=				0.4530
		<b>Total Amp/Hour Required=</b>				2.7181
		<b>Total Amp/Hour Batteries Provided=</b>			(1) set	6.2000

Signal Circuits - NAC2 - Level 1 Equipment Rm F171				Current	Dist. (ft)	Voltage Drop
N2-1	Level 1 Northeast			1.502	715	6.86
N2-2	Level 1 Northeast			0.441	500	1.35
N2-3	Level 1 Northeast			0.388	460	1.10
N2-4	Level 1 Northwest			0.126	100	0.08
N2-5	Splice			0.000		0.00
N2-6	Splice			0.000		0.00
N2-7	Splice			0.000		0.00
N2-8	Splice			0.000		0.00
0	0	0		2.517		

**Development & Permitting Services**  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

MAPNET CIRCUIT DISTRIBUTION

MAPNET #1  
1-1 TO 1-53, 1-57 TO 1-60, 1-66 TO 1-107, 1-109  
1-110 TO 1-124

MAPNET #2  
2-1 TO 2-96, 2-98 TO 2-105, 2-122 TO 2-127

MAPNET #3  
3-1 TO 3-42, 3-44 TO 3-49, 3-53, 3-64 TO 3-96, 3-100 TO 3-101  
3-102 TO 3-106

MAPNET #6  
6-1 TO 6-74, 6-75 TO 6-114

**SCOPE OF WORK**

MODIFY EXISTING FIRE ALARM SYSTEM. TENANT IMPROVEMENT FOR DOCTORS SLEEPING ROOMS ON LEVEL 1. PROVIDE AND INSTALL NEW DEVICES AS SHOWN ON DRAWING FA-F-01E.

ALL NEW WIRING NEEDED WILL BE CLASS B.

THE EXISTING FIRE ALARM SYSTEM SHALL NOT BE DISCONNECTED OR TAKEN OUT OF SERVICE WITHOUT WRITTEN PERMISSION FROM THE OWNER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE OWNER THE TIMING OF ANY EXISTING FIRE ALARM SYSTEM DEMOLITION WORK.

TRANSPONDER #1 – 2ND FLOOR

MAPNET CIRCUIT DISTRIBUTION

MAPNET #4  
4-1 TO 4-81

MAPNET #5  
5-1 TO 5-100, 5-109

SPEAKER CIRCUITS

15) 2ND FLOOR WEST	14.5 WATTS
16) 2ND FLOOR EAST	16.5 WATTS
17-20) SPARE	

AUXILIARY CIRCUITS

11) DOOR HOLDER – WEST
12) DOOR HOLDER – CENTER
13) DOOR HOLDER – EAST
14) AUTOMATIC EGRESS DOORS
15-18) SPARE

## BATTERY CALCULATIONS - TPR #1

Does the system have an Emergency Generator that meets NEC 700.51?

☐ YES    ☒ NO

How many hours of battery standby are required?

☐ A    ☒ X24    ☐ 48    (14 hours minimum w/ Emergency Generator)

Qty	Part #	Description	Standby Current (A)	Total Standby (A)	Alarm Current (A)	Total Alarm (A)
1	4100-0600	Transponder Panel	0.060	0.060	0.175	0.175
1	4006-0151	Speaker/Stroke Wall 15ct	0.000	0.000	0.060	0.060
2	4008-0154	Speaker/Stroke Ceiling 15ct	0.000	0.000	0.070	0.140
50	4004-0311	Stroke Tool	0.000	0.000	0.051	5.100
2	8404-0312	Stroke Tool	0.000	0.000	0.170	0.340
3	4004-0313	Stroke 1/4" Std	0.000	0.000	0.026	0.078
1	4008-0756	Truckload Duct Smoke Sensor	0.024	0.024	0.010	0.010
7	2100-0193	Control ZAM	0.070	0.070	0.040	0.280
4	2100-0108	Remote Relay	0.000	0.000	0.010	0.040
30	4008-0761	Smoke Sensor w/ Relay	0.003	0.000	0.080	2.400
1	4000-0008	Quiet Remote Relay	0.000	0.000	0.010	0.010
				0.000	0.000	0.000
Total Standby=			1.164		Total Alarm=	15.970
					<b>Time (hrs)</b>	
Total Standby Current Required=			1.164	X		27.876
Total Alarm Current Required=			15.970	X	0.250	3.993
Total=						11.881
20% Depletion Factor=						6.372
Total Amp/Hours Required=						38.253
Total Amp/Hours Batteries Provided=					(1) 81	50.000

### BATTERY CALCULATIONS - NAC#3 LEVEL G

Does the system have an Emergency Generator that meets NEC 700.11? \_\_\_yes \_\_\_no

How many hours of battery standby are required?  
 \_\_\_4 \_\_\_X 24 \_\_\_48 \_\_\_60 (four hours minimum w/ Emergency Generators)

Qty	Part #	Description	Standby Current (A)	Total Standby (A)	Alarm Current (A)	Total Alarm (A)
1	4009-9201	NAC Panel	0.0850	0.0850	0.1850	0.1850
1		Total Current from Volt Drop	0.0000	0.0000	1.3450	1.5440
		<b>Total Standby=</b>		0.0850	<b>Total Alarm=</b>	1.5290
		<b>Total Standby Current Required=</b>	0.0850	X	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Time (Hrs) 24.0000</div>	2.0400
		<b>Total Alarm Current Required=</b>	1.5290	X	0.2500	0.3823
		<b>Total=</b>				2.4223
		<b>20% Depletion Factor=</b>				0.4845
		<b>Total Amp/Hour Required=</b>				2.9067
		<b>Total Amp/Hour Batteries Provided=</b>				6.2000

19

(1) set

BATTERY CALCULATIONS - NAC#4 LEVEL 1E				19		
Does the system have an Emergency Generator that meets NEC 700.017						
		<input type="checkbox"/> yes <input checked="" type="checkbox"/> No				
How many hours of battery standby are required?						
		<input type="checkbox"/> 4 <input checked="" type="checkbox"/> X 24 <input type="checkbox"/> 48 <input type="checkbox"/> 60 (4 hours minimum w/ Emergency Generators)				
Qty	Part #	Description	Standby Current (A)	Total Standby (A)	Alarm Current (A)	Total Alarm (A)
1	4009-9201	NAC Panel	0.0850	0.0850	0.1850	0.1850
1		Total Current from Volt Drop	0.0000	0.0000	1.7200	1.7200
			Total Standby=	0.0850	Total Alarm=	1.9050
			Time (Hrs)			
Total Standby Current Required=			0.0850	X	24.0000	2.0400
Total Alarm Current Required=			1.9050	X	0.2500	0.4763
Total=						2.5163
20% Depletion Factor=						0.5033
Total Amp/Hour Required=						3.0195
Total Amp/Hour Batteries Provided=					(1) set	6.2000

Signal Circuits - NAC#3		Current	Dist. (ft)	Voltage Drop
1	N3-1 Ground & Level 1	0.399	100	0.24
2	N3-2 Level 2	0.354	170	0.37
4	N3-3 520Hz Sounder Bells	0.519	125	0.40
1	N3-4 Room F242	0.075	105	0.05
2	Total	1.344		

WIRE CODE

ALL WIRING TO MEET CURRENT NATIONAL ELECTRIC  
CODE ARTICLE 760, 300, 310, 370, 725 AND ALL RELATED  
SECTION CODE REQUIREMENTS

NOTES:

- 1) TAG AND IDENTIFY ALL ZONE WIRES WITH ZONE NUMBER.
- 2) TAG AND IDENTIFY ALL SIGNAL CIRCUIT WIRES WITH SIGNAL CIRCUIT NUMBER.
- 3) TAG AND IDENTIFY ALL ANNUNCIATOR WIRES.

2781 Gateway Drive  
ukwila, Wa. 98168  
SALES: 206-291-1400  
SERVICE: 206-291-1400

NO.	DATE	REVISION DESCRIPTION	DRAFTER	ENGINEER	PROJECT
17	2/22/21	GORDON EDU T.I. - CUSTOMER CMNT	MAM	JWB	619230901
	06/14/21	GORDON EDU RECORD DRAWINGS	MAM		619230901
	09/02/21	GORDON EDU RECORD DWGS. UPDATES	MAM		619230901
18	5/5/23	HYBRID O.R. #1	MAM	EOB	650284615
19	2/21/25	DOCTORS SLEEP ROOMS T.I.	MAM	SEH	650772623

DRAWINGS REVIEWED BY:  
SCOTT HAYNES, CET  
NICET 142681  
FIRE ALARM SYSTEMS, LEVEL

APPROVED BY: \_\_\_\_\_

FIRE ALARM SYSTEM

COVER SHEET

GOOD SAMARITAN HOSPITAL – WEST WING

K. CHUN

---

DRAWN BY:

JCP

PROJECT NUMBER:  
459-990051

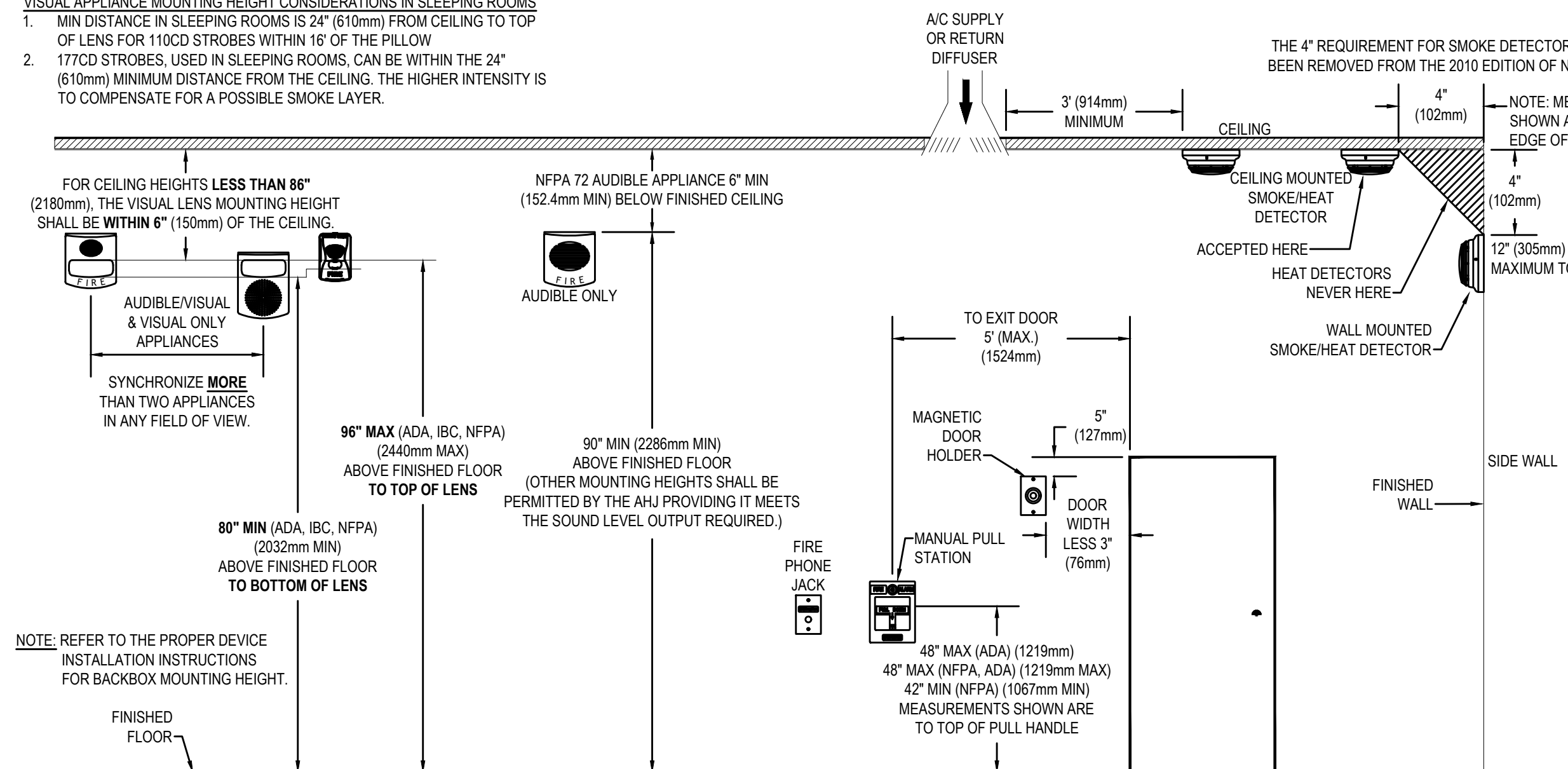
FA-COV-02



## DEVICE MOUNTING HEIGHT REFERENCE

PER NFPA 72

- VISUAL APPLIANCE MOUNTING HEIGHT CONSIDERATIONS IN SLEEPING ROOMS**
- MIN DISTANCE IN SLEEPING ROOMS IS 24" (610mm) FROM CEILING TO TOP OF LENS FOR 110CD STROBES WITHIN 16" OF THE PILLOW
  - 177CD STROBES USED IN SLEEPING ROOMS, CAN BE WITHIN THE 24" (610mm) MINIMUM DISTANCE FROM THE CEILING. THE HIGHER INTENSITY IS TO COMPENSATE FOR A POSSIBLE SMOKE LAYER

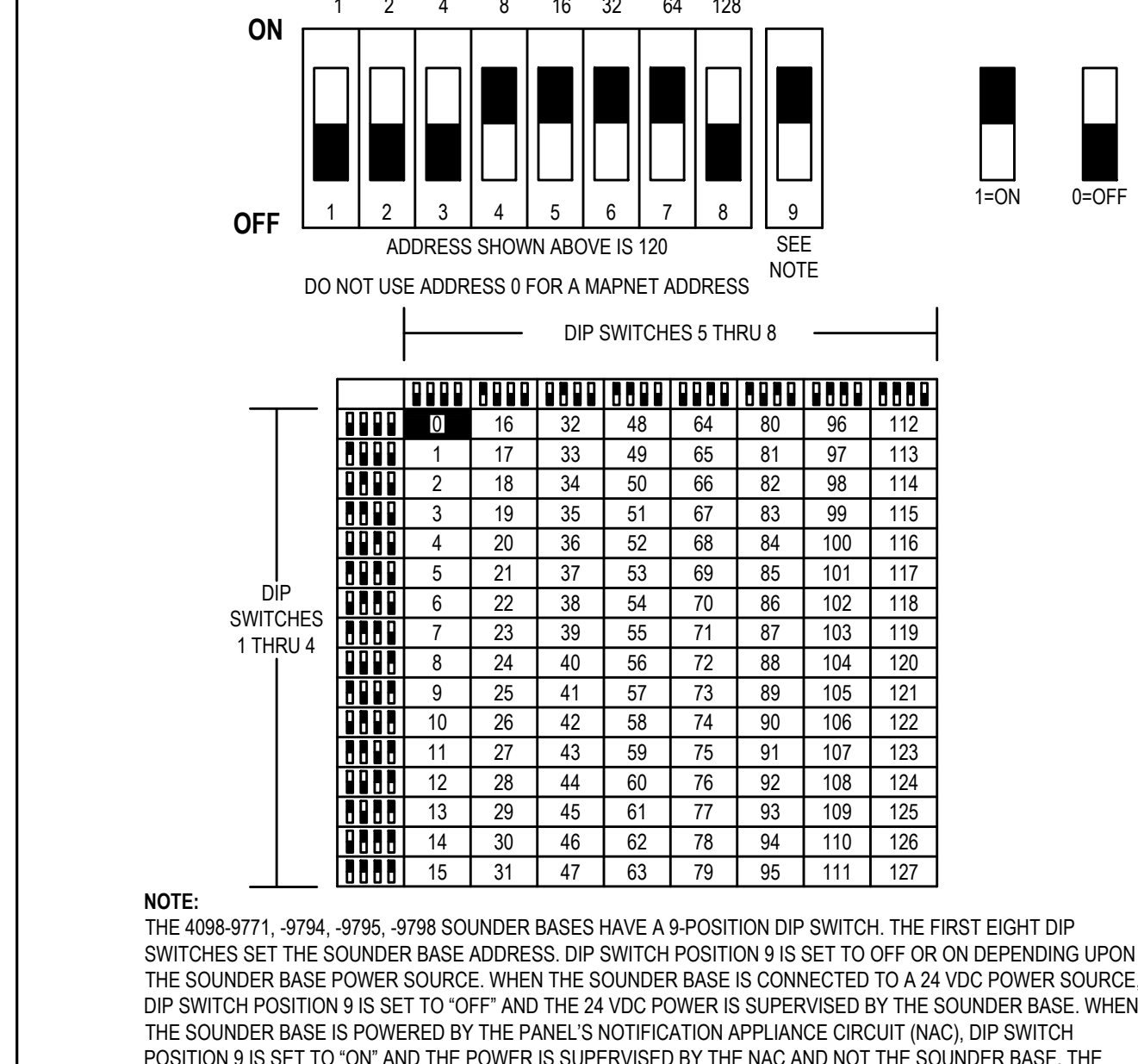


## END OF LINE RESISTOR CODES

MODEL	REF. NUMBER	Ω	BAND NUMBER	WATTS	CIRCUIT TYPE	FIRE ALARM PANEL/MODULE
4081-9001	733-892	2.2K	RED RED	GLD N/A	1/2	ANNUNCIATOR (EOL)
4081-9002	733-893	3.3K	ORG ORG	RED GLD N/A	1	N.O. INITIATING PULL SMOKE, HEAT, W.FLOW, TAMPER, ETC. 24 PT. I/O SWITCH SUPPLY CURRENT LIMITED N.O. INIT. NOTIFICATION (DACT)
4081-9003	733-896	4.7K	YEL VT	RED GLD N/A	1/2	N.O. INITIATING PULL SMOKE, HEAT, W.FLOW, TAMPER, ETC. 24 PT. I/O SWITCH SUPPLY CURRENT LIMITED N.O. INIT. NOTIFICATION (DACT)
4081-9004	733-896	6.8K	BLU GRY	RED GLD N/A	1/2	N.O. INITIATING PULL SMOKE, HEAT, W.FLOW, TAMPER, ETC. 24 PT. I/O SWITCH SUPPLY CURRENT LIMITED N.O. INIT. NOTIFICATION (DACT)
4081-9005	733-984	1.8K	BRN GRY	RED GLD N/A	1/2	N.O. INITIATING (EOLR)
4081-9006	733-890	560	GRN BLU	BRN GLD N/A	1	N.O. INITIATING (EOLR)
4081-9007	733-891	1.2K	BRN RED	RED GLD N/A	1	N.O. INITIATING (EOLR)
4081-9008	733-894	10K	BRN BLK	ORG GLD N/A	1/2	NOTIFICATION
4081-9009	733-912	20	RED BLK	GLD N/A	1	TO MR-101 RELAY COIL
4081-9010	733-973	1K	BRN BLK	RED GLD N/A	1	N.O. INIT. (ACROSS CONTACTS) 24 PT. I/O (ACROSS CONTACTS)
4081-9011	733-974	100	BRN BLK	BRN GLD N/A	1/2	ANNUNCIATOR (NO)
4081-9012	733-985	22K	RED RED	ORG GLD N/A	1/2	N.O. INIT. (ACROSS CONTACTS) 24 PT. I/O (ACROSS CONTACTS)
4081-9013	734-086	4.99K	YEL WHT	WHT BRN	1/2	SPEAKER CIRCUIT
4081-9014	734-092	2.4K	RED YEL	RED GLD N/A	1/2	N.O. INITIATING (SECURITY MONITORING EOLR)
4081-9015	734-093	1.5K	BRN GRN	RED GLD N/A	1/2	CURRENT LIMITED N.O. INIT. (SECURITY MONITORING EOLR)
4081-9016	734-149	150K	BRN GRN	YEL GLD N/A	1/2	N.O. INIT. (ACROSS CONTACTS)
4081-9017	734-171	3.3K	ORG WHT	RED GLD N/A	1	N.O. INIT. (ACROSS CONTACTS)
4081-9018	734-188	10K	BRN BLK	ORG GLD N/A	1	70V RMS CONSTANT SUPPLY NAC
4081-9019	734-086	4.99K	YEL WHT	WHT BRN	1/2	SECURITY MONITORING (EOLR)
4081-9020	734-086	4.99K	YEL WHT	WHT BRN	1/2	N.O. SECURITY MON. (SERIES)
4081-9021	734-086	4.99K	YEL WHT	WHT BRN	1/2	N.O. SECURITY MON. (SHUNT)

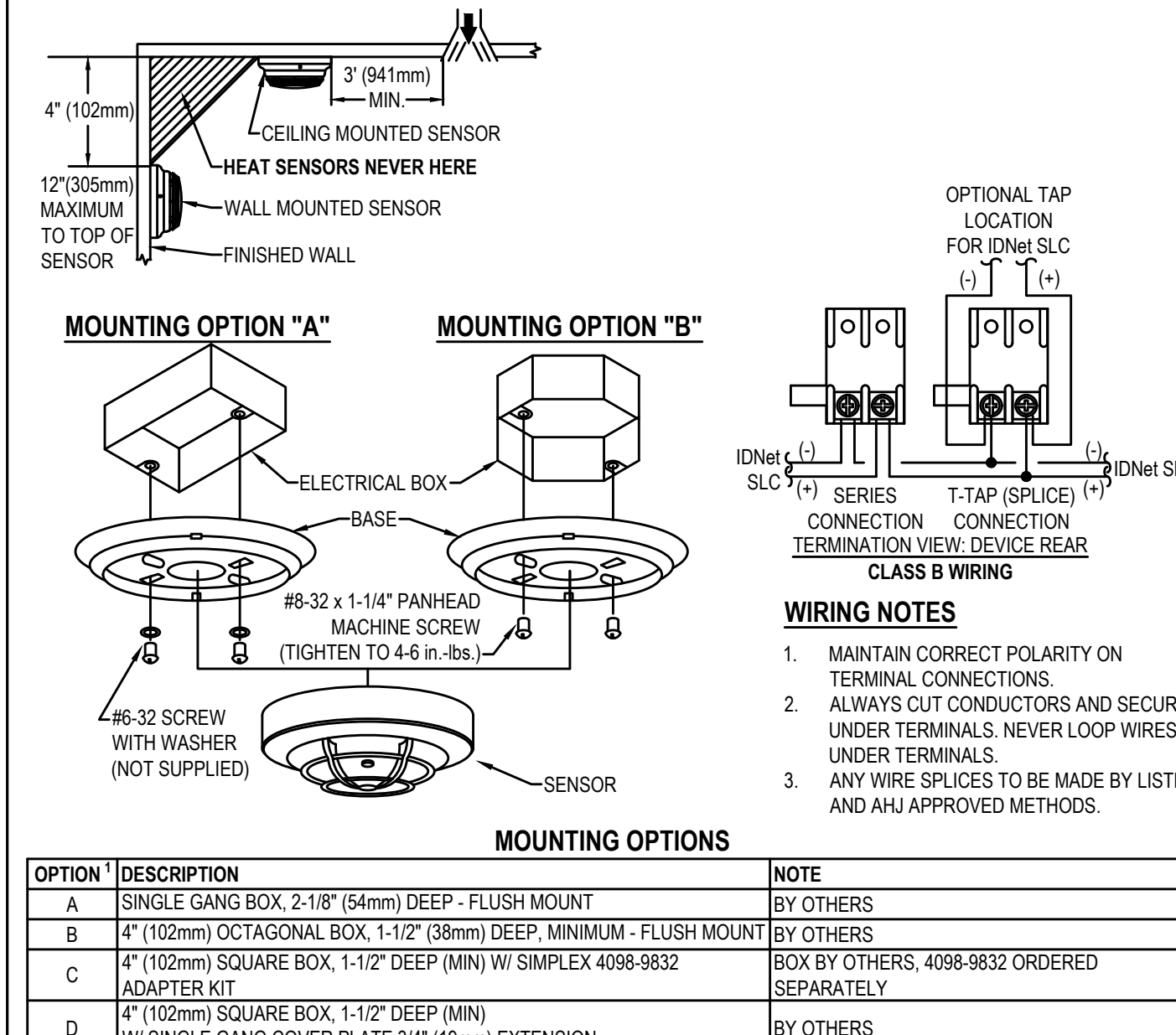
## DIP SWITCH SETTINGS - INITIATING

SIMPLEX MAPNET



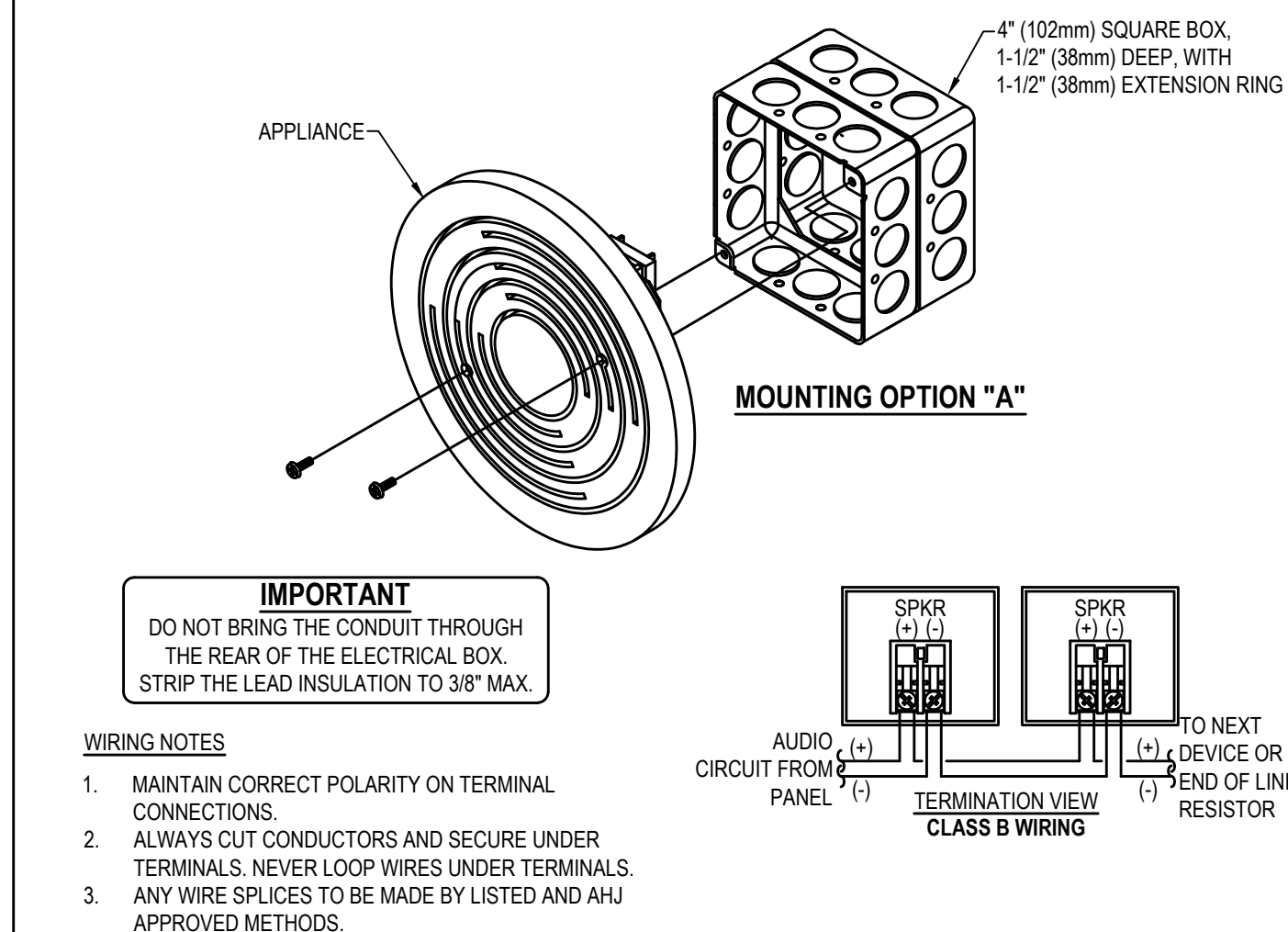
## STANDARD SENSOR BASE

SIMPLEX 4098-9792



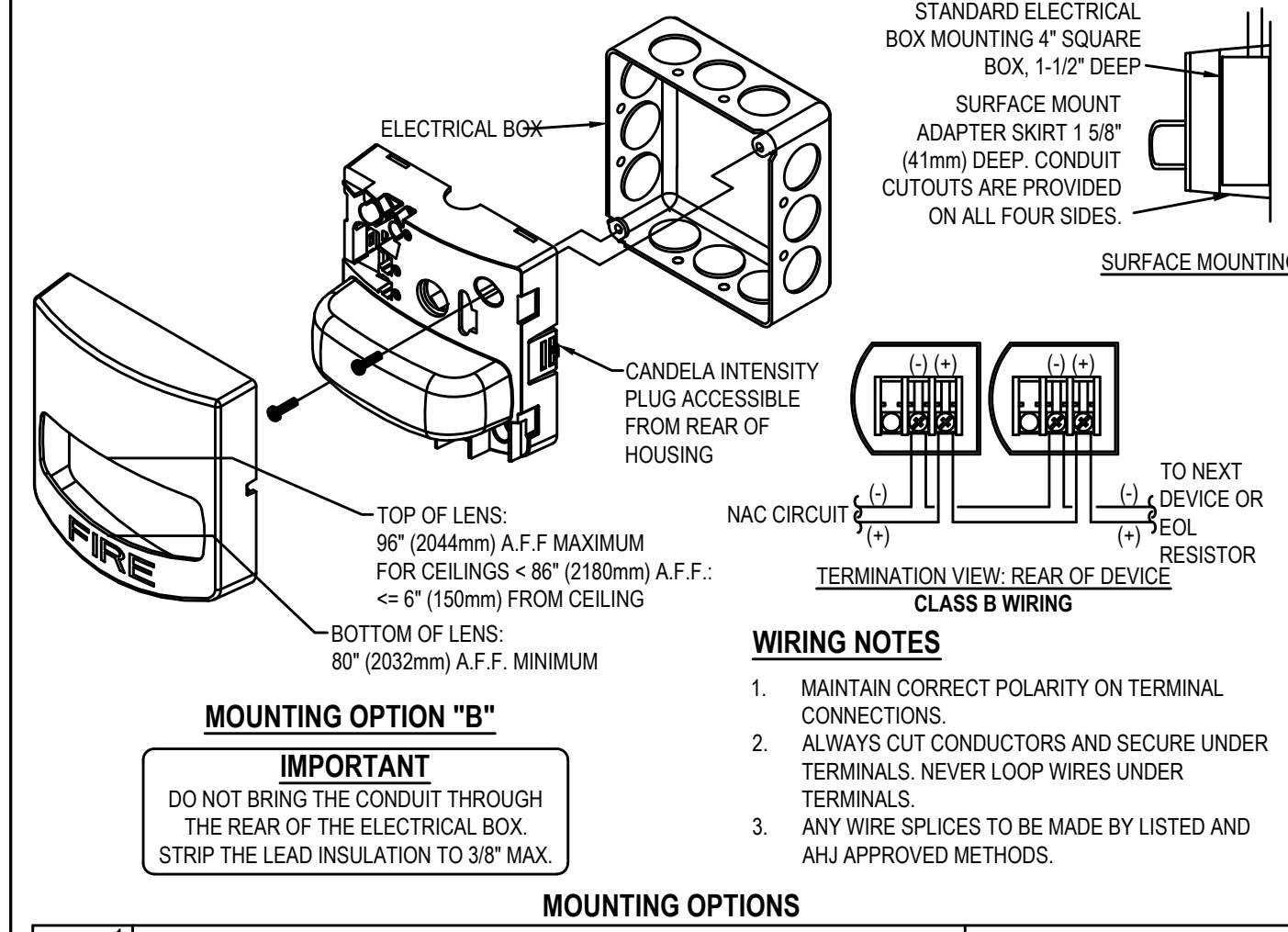
## TrueAlert CONVENTIONAL APPLIANCES

SIMPLEX 4902-9721 WALL/CEILING MOUNTED SPEAKER



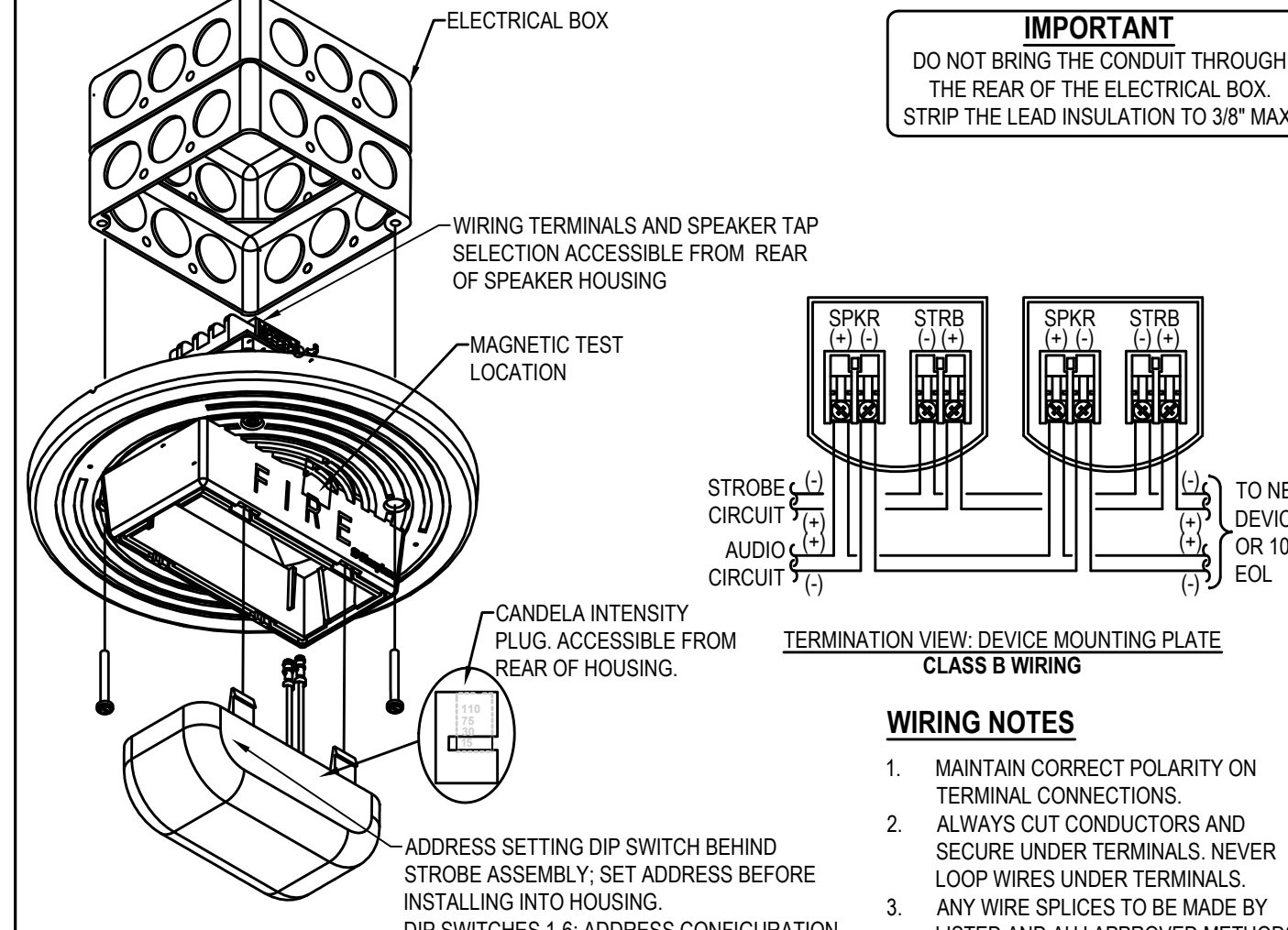
## TrueAlert CONVENTIONAL APPLIANCES

SIMPLEX 4906 SERIES WALL MOUNTED VISUAL



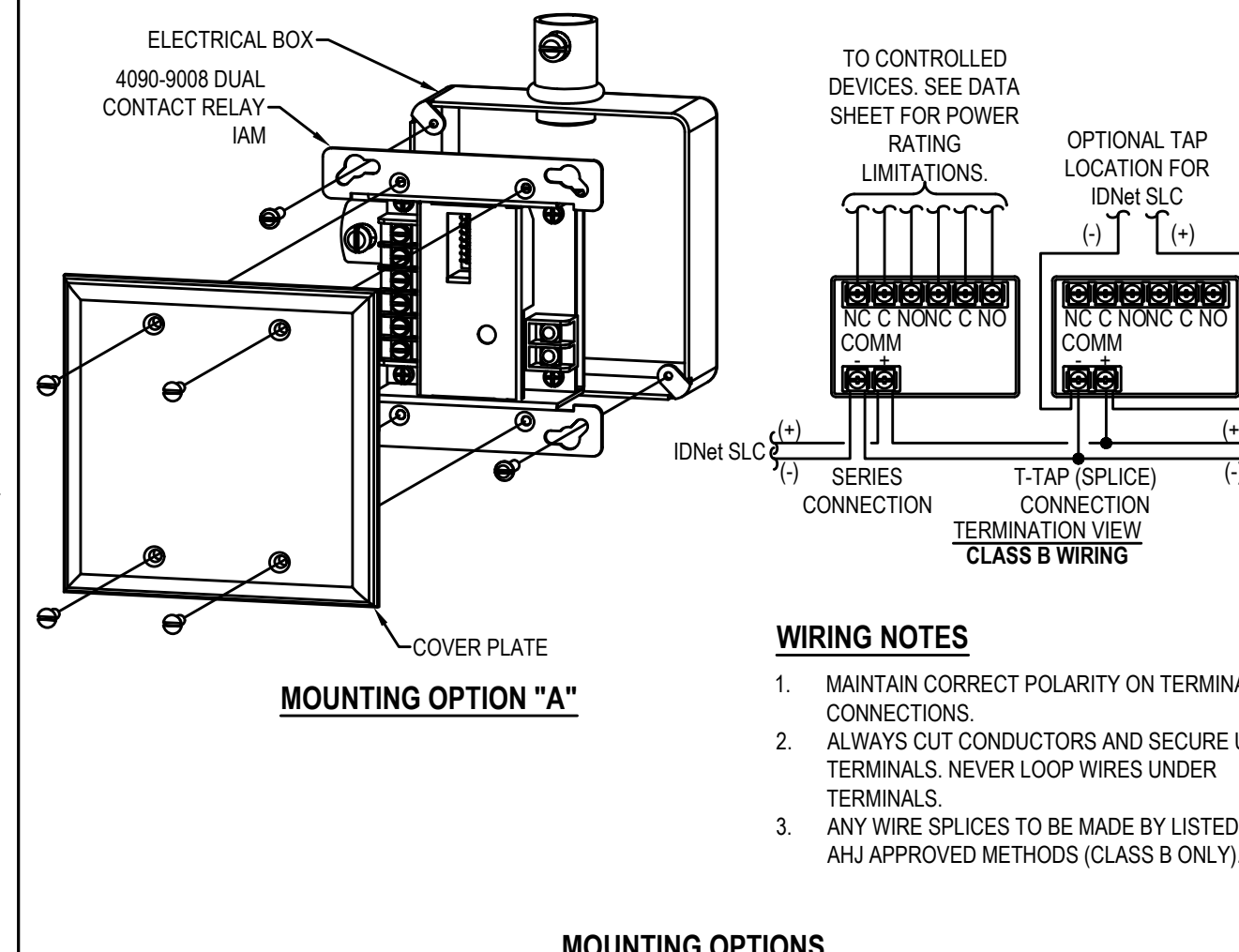
## TrueAlert CONVENTIONAL APPLIANCES

SIMPLEX 4906 SERIES CEILING MOUNTED SPEAKER / VISUAL



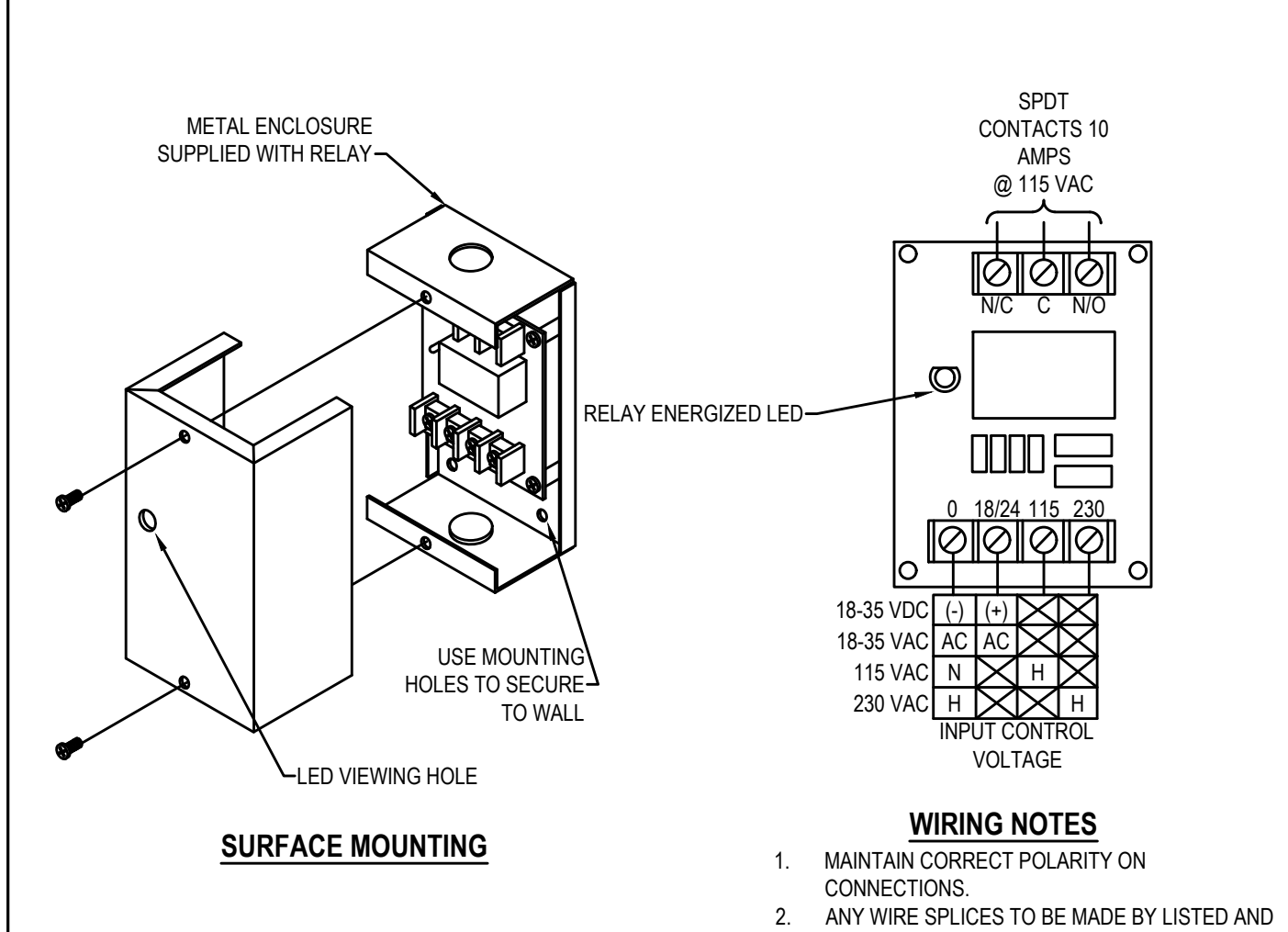
## DUAL CONTACT RELAY IAM

SIMPLEX 4090-9008



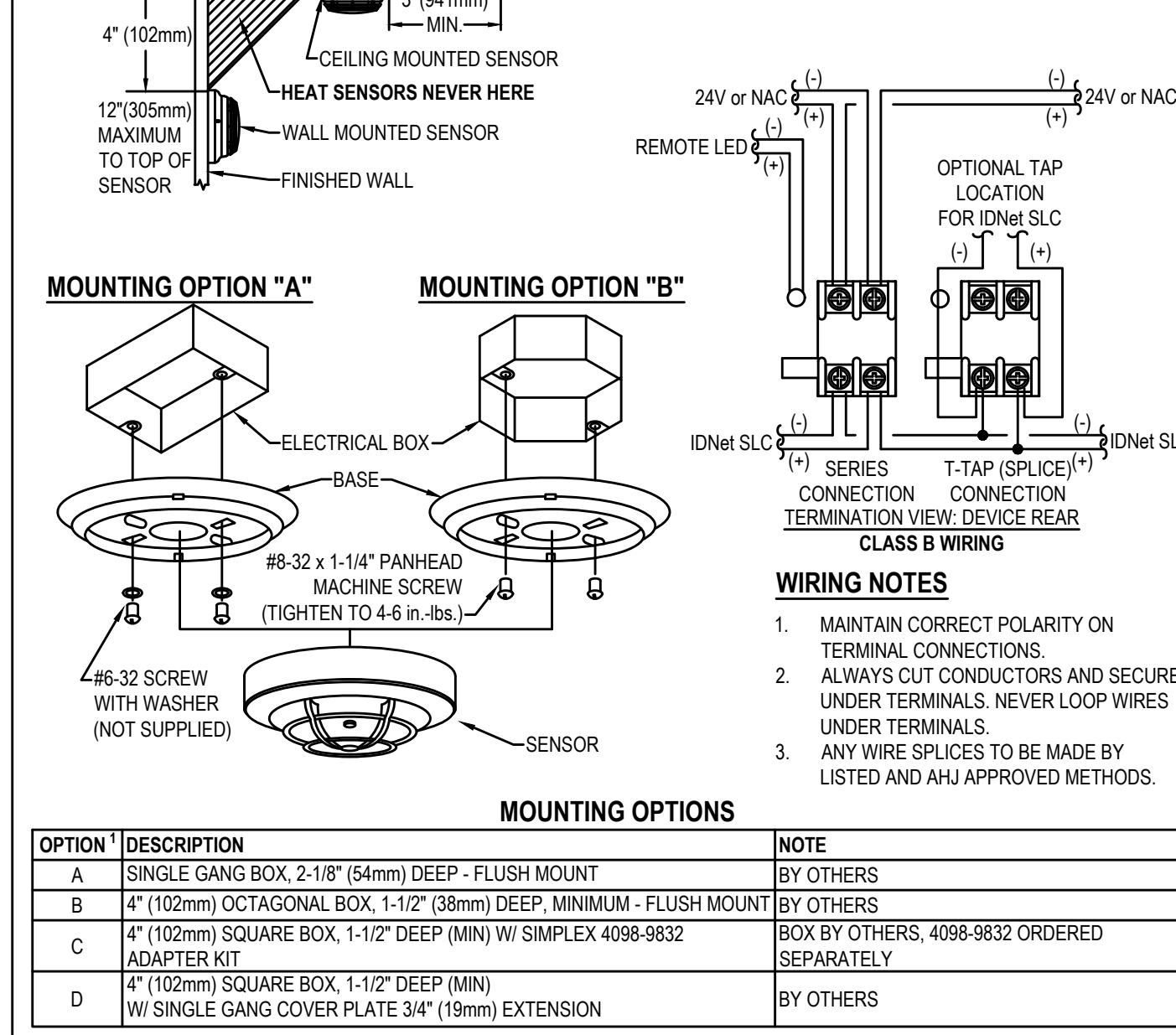
## SPDT CONTROL RELAY

SIMPLEX 2088-9008 / APOLLO AMERICA MR-101/C



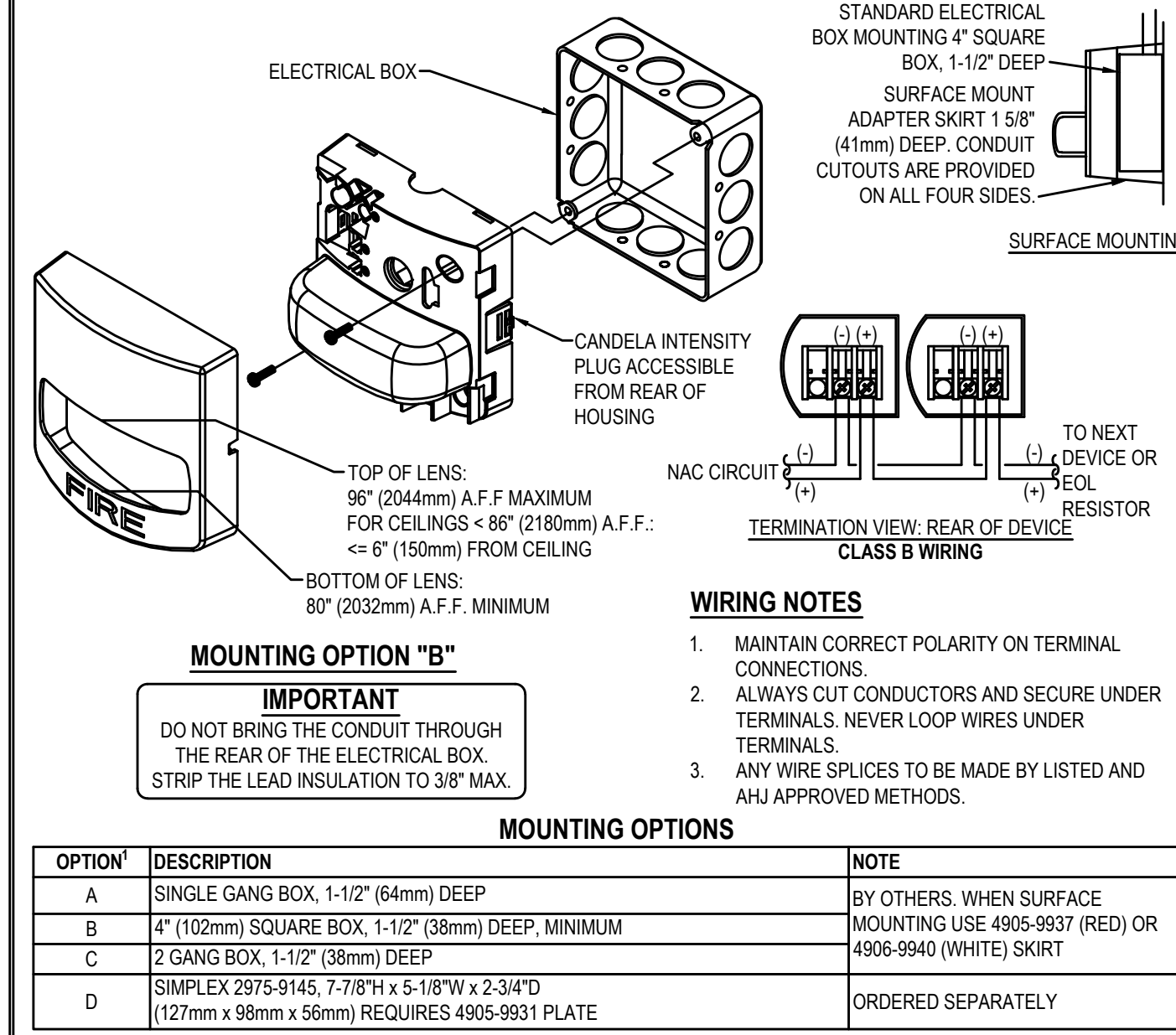
## SENSOR BASE WITH 520Hz SOUNDER

SIMPLEX 4098-9772



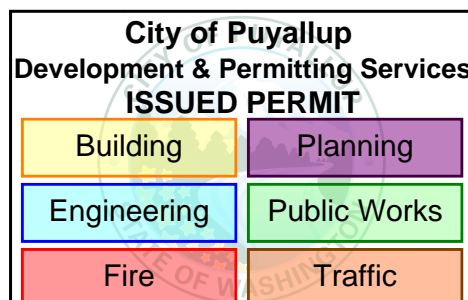
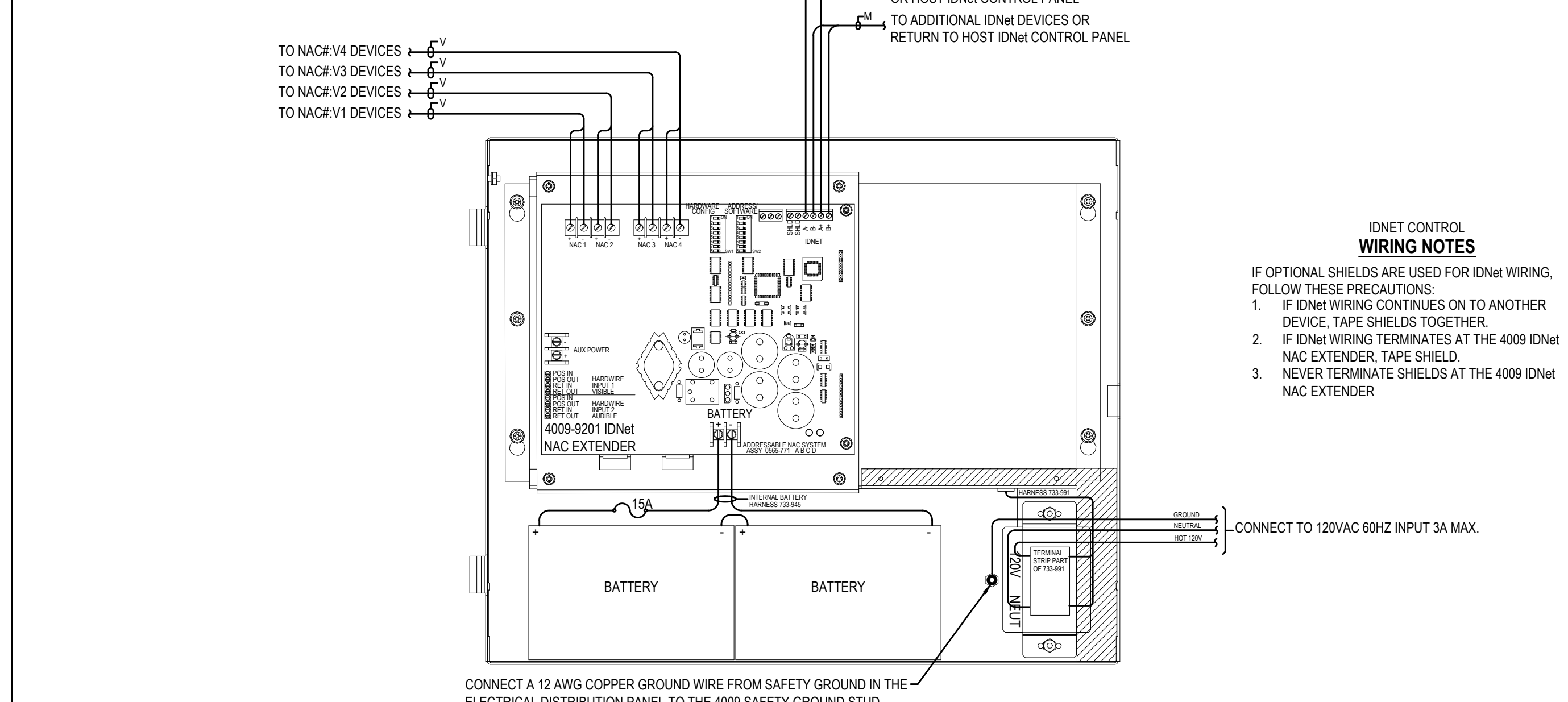
## TrueAlert CONVENTIONAL APPLIANCES

SIMPLEX 4906 SERIES WALL MOUNTED HIGH-CANDELA VISUAL



## NAC EXTENDER PANEL WIRING

SIMPLEX 4009 SERIES



12781 Gateway Drive  
Tukwila, WA 98166  
SALES: 206-291-1400  
SERVICE: 650-772-6233

PROJECT #	ENGINEER	DRAWER	REVISION DESCRIPTION	DATE	NO.
619230901	JWB	MAM	GORDON EDU T.I.- CUSTOMER CMNT	2/22/21	17
619230901	JWB	MAM	GORDON EDU RECORD DRAWINGS	06/14/21	
619230901	JWB	MAM	GORDON EDU RECORD DWGS. UPDATES	09/02/21	
650284615	EQB	MAM	HYBRID O.R. #1 T.I.	5/5/23	18
650772623	SEH	MAM	DOCTORS SLEEP ROOMS T.I.	12/21/25	19

DRAWINGS REVIEWED BY:  
SCOTT HAYNES, CET  
NICET 142681  
FIRE ALARM SYSTEMS, LEVEL III

FIRE ALARM SYSTEM  
DETAIL SHEET

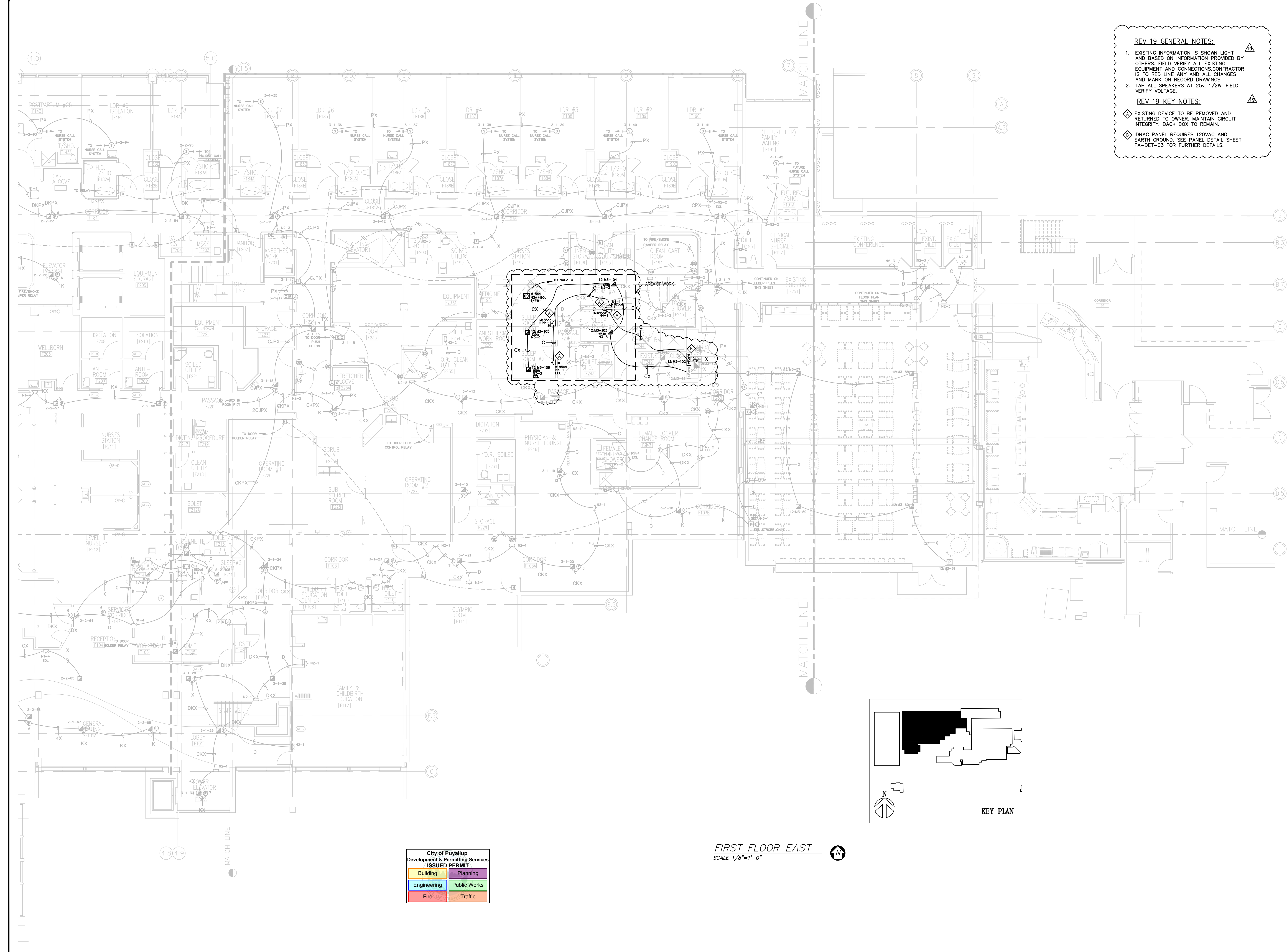
APPROVED BY:  
K. CHUN  
DRAWN BY:  
JCP  
DATE:  
3-1-2000  
PROJECT NUMBER:  
459-990051

SHEET NUMBER:  
FA-DET-02

GOOD SAMARITAN HOSPITAL - WEST WING  
407 15TH AVENUE SOUTHEAST  
PUYALLUP, WA

TYPICAL POINT TO POINT WIRING DIAGRAM  
SCALE: NONE





## REV 19 GENERAL NOTES:

- EXISTING INFORMATION IS SHOWN LIGHT AND BASED ON INFORMATION PROVIDED BY OTHERS. FIELD VERIFY ALL EXISTING EQUIPMENT AND CONNECTIONS. CONTRACTOR IS TO RED LINE ANY AND ALL CHANGES AND MARK ON RECORD DRAWINGS.
- TAP ALL SPEAKERS AT 25V, 1/2W. FIELD VERIFY VOLTAGE.

## REV 19 KEY NOTES:

- EXISTING DEVICE TO BE REMOVED AND RETURNED TO OWNER. MAINTAIN CIRCUIT INTEGRITY. BACK BOX TO REMAIN.
- IDNAC PANEL REQUIRES 120VAC AND EARTH GROUND. SEE PANEL DETAIL SHEET FA-DET-03 FOR FURTHER DETAILS.

PROJECT #	ENGINEER	DRAWER	REVISION DESCRIPTION	DATE	NO.
619230901	JWB	MAM	GORDON EDU T.I.- CUSTOMER OMNT	2/22/21	17
619230901		MAM	GORDON EDU RECORD DRAWINGS	06/14/21	
619230901		MAM	GORDON EDU RECORD DWGS. UPDATES	09/02/21	
650284615	EQB		HYBRID O.R. #1 T.I.	5/5/23	18
650772623	SEH	MAM	DOCTORS SLEEP ROOMS T.I.	12/21/25	19

DRAWINGS REVIEWED BY:  
SCOTT HAYNES, CET  
NICET 142681  
FIRE ALARM SYSTEMS, LEVEL IIIFIRE ALARM SYSTEM  
FIRST FLOOR EAST PLAN  
GOOD SAMARITAN HOSPITAL - WEST WING  
407 15TH AVENUE SOUTHEAST  
PUYALLUP, WAAPPROVED BY:  
K. CHUN  
DRAWN BY:  
JCP  
DATE:  
3-1-2000  
PROJECT NUMBER:  
459-990051SHEET NUMBER:  
FA-F-01E