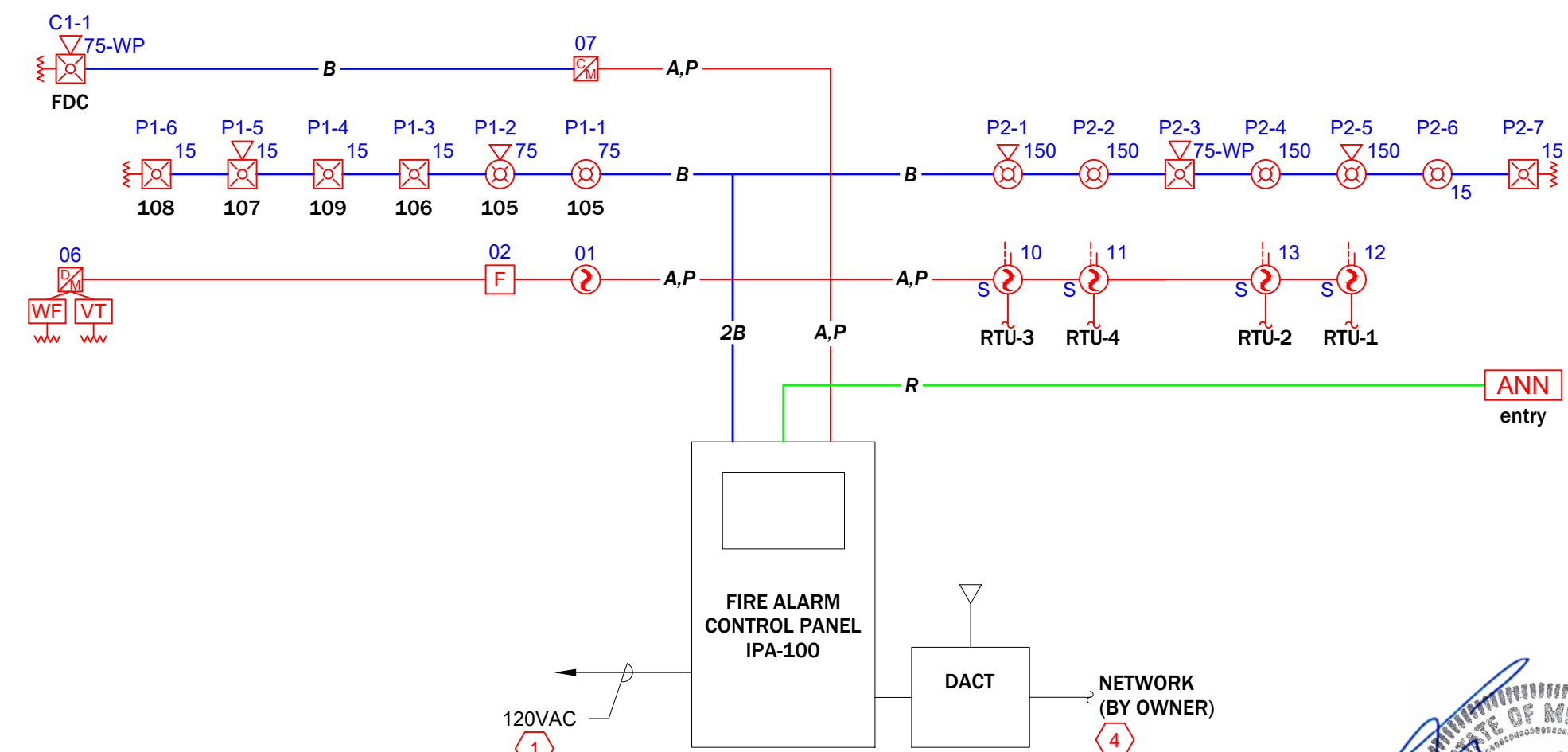


1 Floor Plan - Fire Alarm System
SCALE: NTS
SCALE: 1/8" = 1'-0"



2 RISER DIAGRAM
SCALE: NONE

FIRE ALARM SYMBOLS LEGEND	
SYMBL	DESCRIPTION
[FACP]	POTTER IPA-100 FIRE ALARM PANEL MOUNT AS SHOWN ON SHEET FA-4 BACK BOX: INCLUDED
[ANN]	POTTER RA-6500FB REMOTE ANNUNCIATOR MOUNT AS SHOWN ON SHEET FA-4 BACK BOX: BACKBOX INCLUDED
[F]	POTTER PAD100-PSDA ADDRESSABLE MANUAL PULL STATION SEE FA GENERAL NOTE 8 FOR MOUNTING HEIGHT BACK BOX: SINGLE GANG 1.875" DEEP MIN
[M]	POTTER PAD100-DIM ADDR. DUAL MONITOR MODULE MOUNT AS INDICATED ON PRINT BACK BOX: 4"SQUARE x 2-1/8" DEEP
[M]	POTTER PAD100-RM ADDRESSABLE RELAY MODULE MOUNT WITHIN 3' OF DEVICE CONTROLLED. BACK BOX: 4"SQUARE x 2-1/8" DEEP
[M]	POTTER PAD100-NAG ADDRESSABLE CONTROL MODULE MOUNT AS INDICATED ON PRINT BACK BOX: 4"SQUARE x 2-1/8" DEEP
[M]	POTTER PAD200-PD ADDRESSABLE SMOKE DETECTOR, PHOTO MOUNT AS INDICATED ON PRINT BACK BOX: 4"SQUARE OR 3.5" OCTAGONAL x 1-1/2" DEEP
[M]	POTTER PAD100-DUCTR DUCT SMOKE DETECTOR w/RELAY MOUNT AS INDICATED ON PRINT BACK BOX: N/A
[RTS]	POTTER PAD100-DRTS REMOTE ALARM/TEST STATION MOUNT ON CEILING OR WALL, COLUMN AT 72" A.F.F. BACK BOX: SINGLE GANG
[M]	SYSTEM SENSOR PC2WL HORN/STROBE, CLNG MOUNT, WHITE MOUNT ON CEILING OR BOTTOM OF STRUCTURAL STEEL BACK BOX: SINGLE GANG x 1.875" DEEP MIN.
[M]	SYSTEM SENSOR SCWL STROBE, CEILING MOUNT, WHITE MOUNT ON CEILING OR BOTTOM OF STRUCTURAL STEEL BACK BOX: SINGLE GANG x 1.875" DEEP MIN.
[M]	SYSTEM SENSOR PC2WL HORN/STROBE, WALL MOUNT, WHITE FOR MOUNTING HEIGHT SEE FA GENERAL NOTE 9. BACK BOX: SINGLE GANG x 1.875" DEEP MIN.
[M]	SYSTEM SENSOR SWL STROBE, WALL MOUNT, WHITE FOR MOUNTING HEIGHT SEE FA GENERAL NOTE 9. BACK BOX: SINGLE GANG x 1.875" DEEP MIN.
[M]	SYSTEM SENSOR P2WK HORN/STROBE, OUTDOOR MOUNT DIRECTLY ABOVE FDC AT 8'-10" A.F.G. BACK BOX: PLASTIC BACKBOX INCLUDED WITH DEVICE

FIRE ALARM WIRE LEGEND	
TAG	DESCRIPTION
A	SIGNALING LINE CIRCUIT (SLC) (2C) 18AWG SOLID, TWISTED, JACKETED CABLE, FPLP
B	NOTIFICATION APPLIANCE CIRCUIT (NAC) (2C) 14AWG SOLID, TWISTED, JACKETED CABLE, FPLP
C	REMOTE TEST/INDICATOR CIRCUIT (4C) 18AWG SOLID, TWISTED, JACKETED CABLE, FPLP
P	AUX. POWER FOR DUCT DETECTORS (2C) 14AWG SOLID, TWISTED, JACKETED CABLE, FPLP
R	P-LINK COMMUNICATION & POWER (4C) 18AWG SOLID, TWISTED, JACKETED CABLE, FPLP

KEYED NOTES	
KEY #	NOTE TEXT
1	ELECTRICAL CONTRACTOR TO PROVIDE DEDICATED 120 VAC POWER CIRCUIT TO FIRE ALARM PANEL. RECORD CIRCUIT NUMBER ON PANELBOARD LEGEND AND INSIDE OF FACP DOOR.
2	MOUNT RTS REMOTE DUCT DETECTOR ALARM INDICATOR ON STEEL COLUMN OR NEAREST AVAILABLE WALL SURFACE. COORDINATE EXACT LOCATION WITH OWNER.
3	EXTERIOR NOTIFICATION DEVICE LOCATED DIRECTLY ABOVE FIRE DEPARTMENT SIAMSE CONNECTION (FDC) AT 8' TO 10' A.F.G. DEVICE PROGRAMMED TO ACTIVATE ON SPRINKLER WATERFLOW IN ACCORDANCE WITH I/O MATRIX ON SHEET FA-1. SEE DETAIL ON FA-3 FOR SOUNDER SETTINGS.
4	OWNER TO PROVIDE I/P CONNECTION FOR DACT IF DESIRED FOR PRIMARY OR BACKUP COMMUNICATION CHANNEL TO CENTRAL STATION MONITORING SERVICE.
5	EXTERIOR HORN/STROBE NOT FOR FDC APPLICATION. DEVICE SHALL OPERATE ON GENERAL ALARM AND MOUNT AT NORMAL NOTIFICATION APPLIANCE HEIGHT.



MIDWEST
ALARM
SERVICES

9745 Widmer, Lenexa, KS 66215
(913) 677-3711 FAX (913) 677-3712

REVISION DESCRIPTION

DATE

NO.

04.04.23

1

04.07.23

2

WESTLAKE ACE HARDWARE
3511 SW MARKET STREET, LEE'S SUMMIT, MO 64082

prepared for: Bart's Electric
7103 Stewart Road, Pleasant Valley, MO 64068

DRAWN BY: D. LANE

DESIGNED BY: JM

APPROVED BY:

DATE: 03.23.23

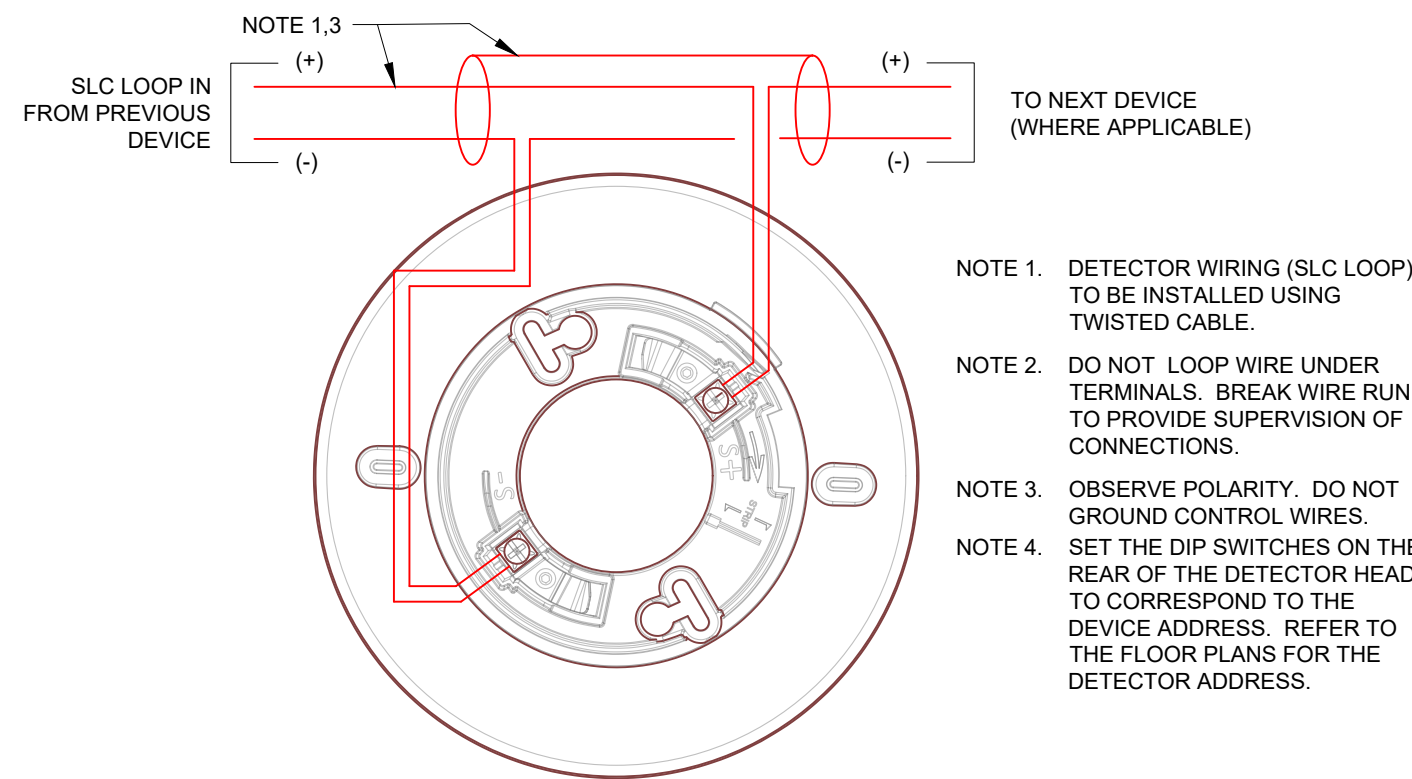
DATE: 03.21.23

DATE:

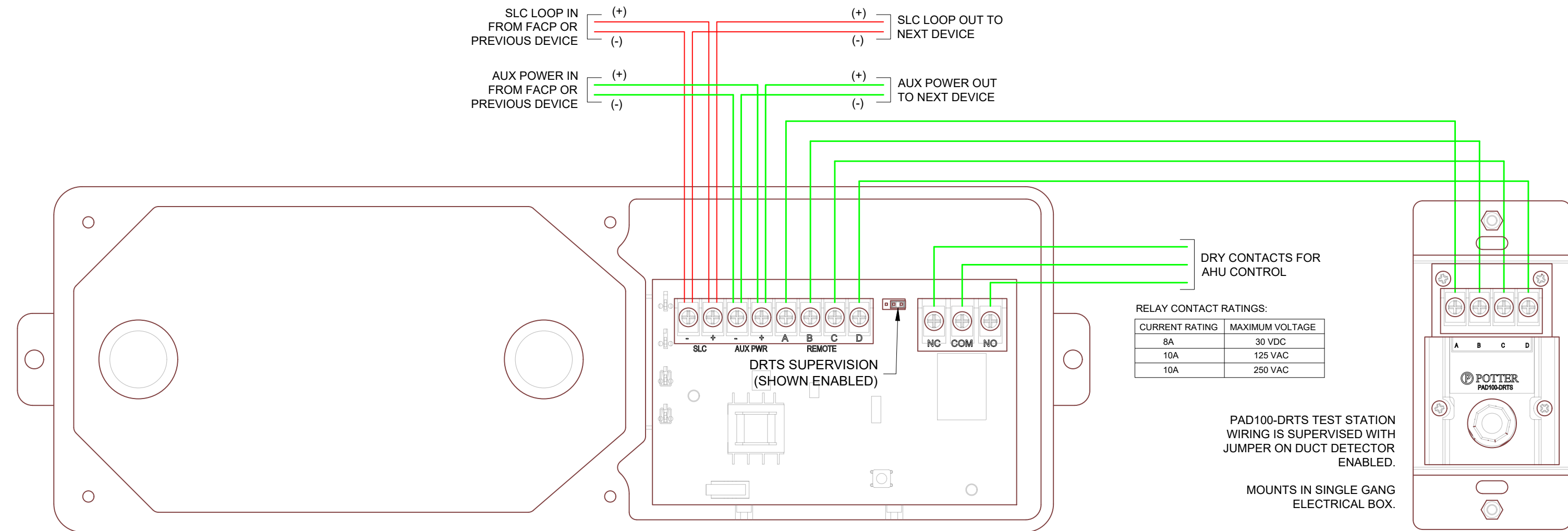
PROJECT NUMBER:
330323030947

SHEET TITLE:
FIRE ALARM SYSTEM
Floor Plan

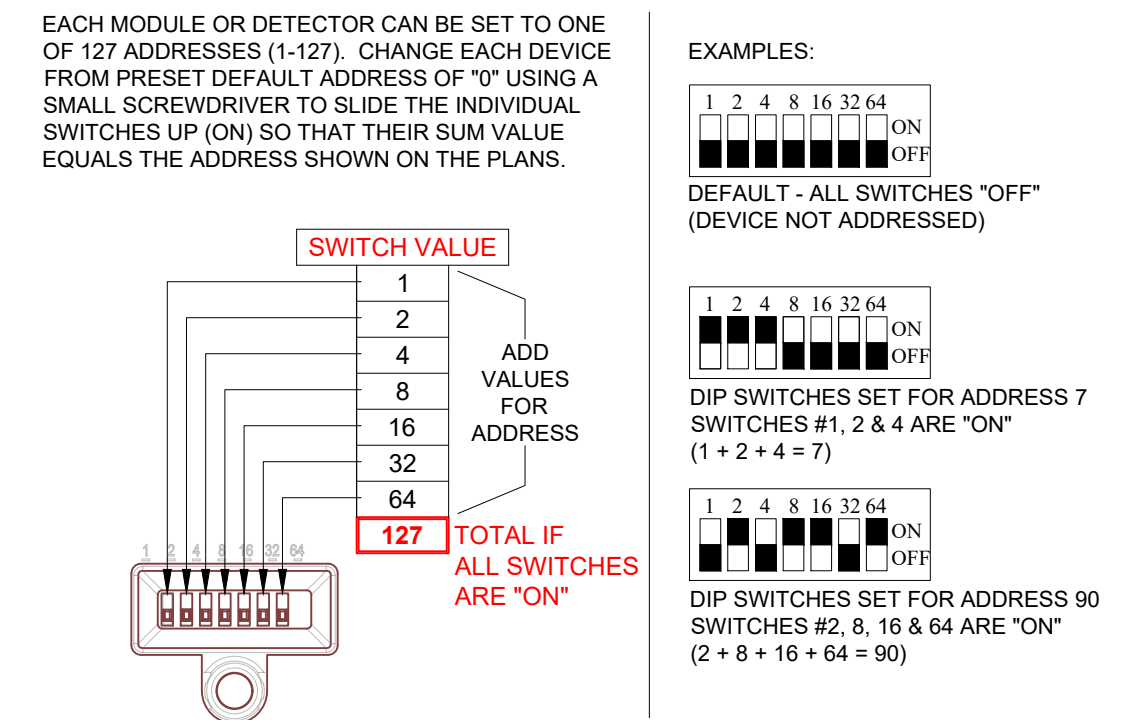
SHEET NUMBER:
FA-2
2 of 4



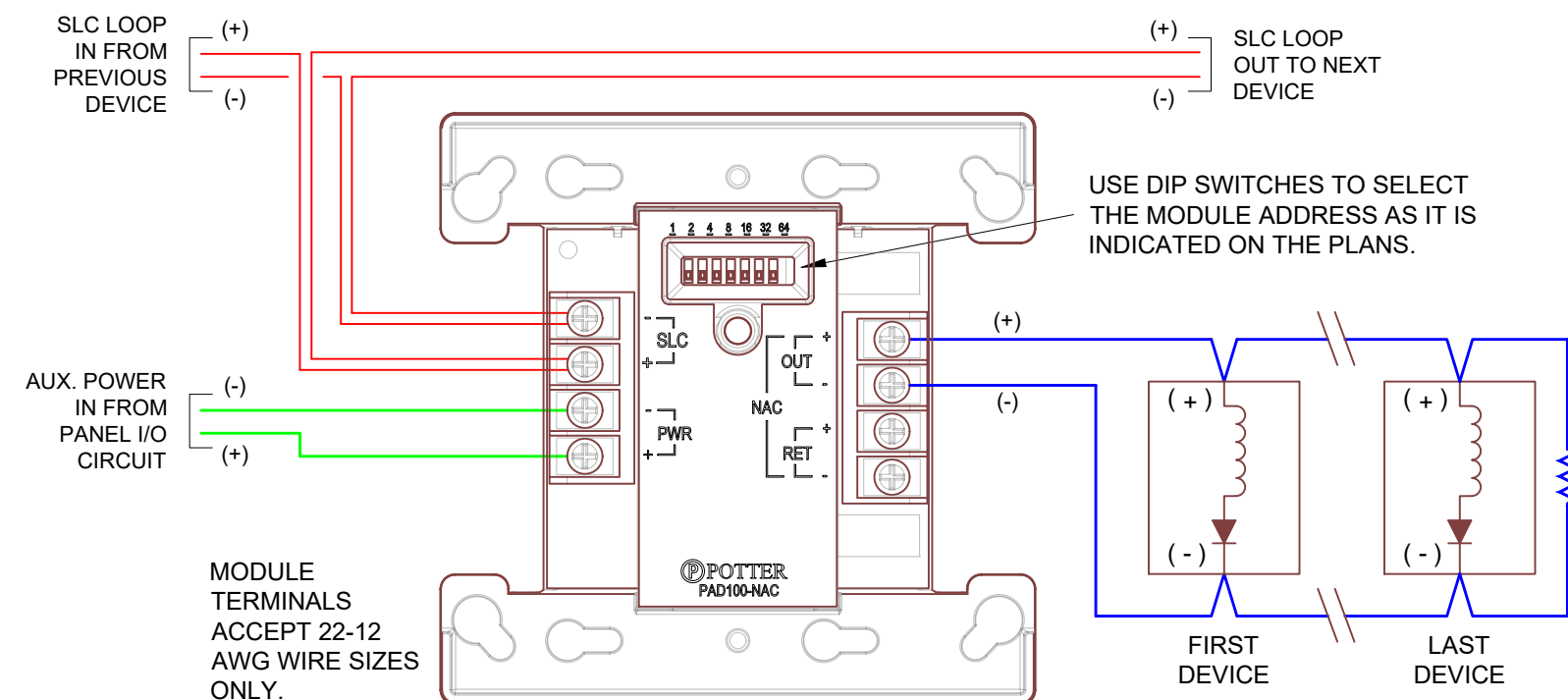
PAD100-6DB DETECTOR BASE DETAIL



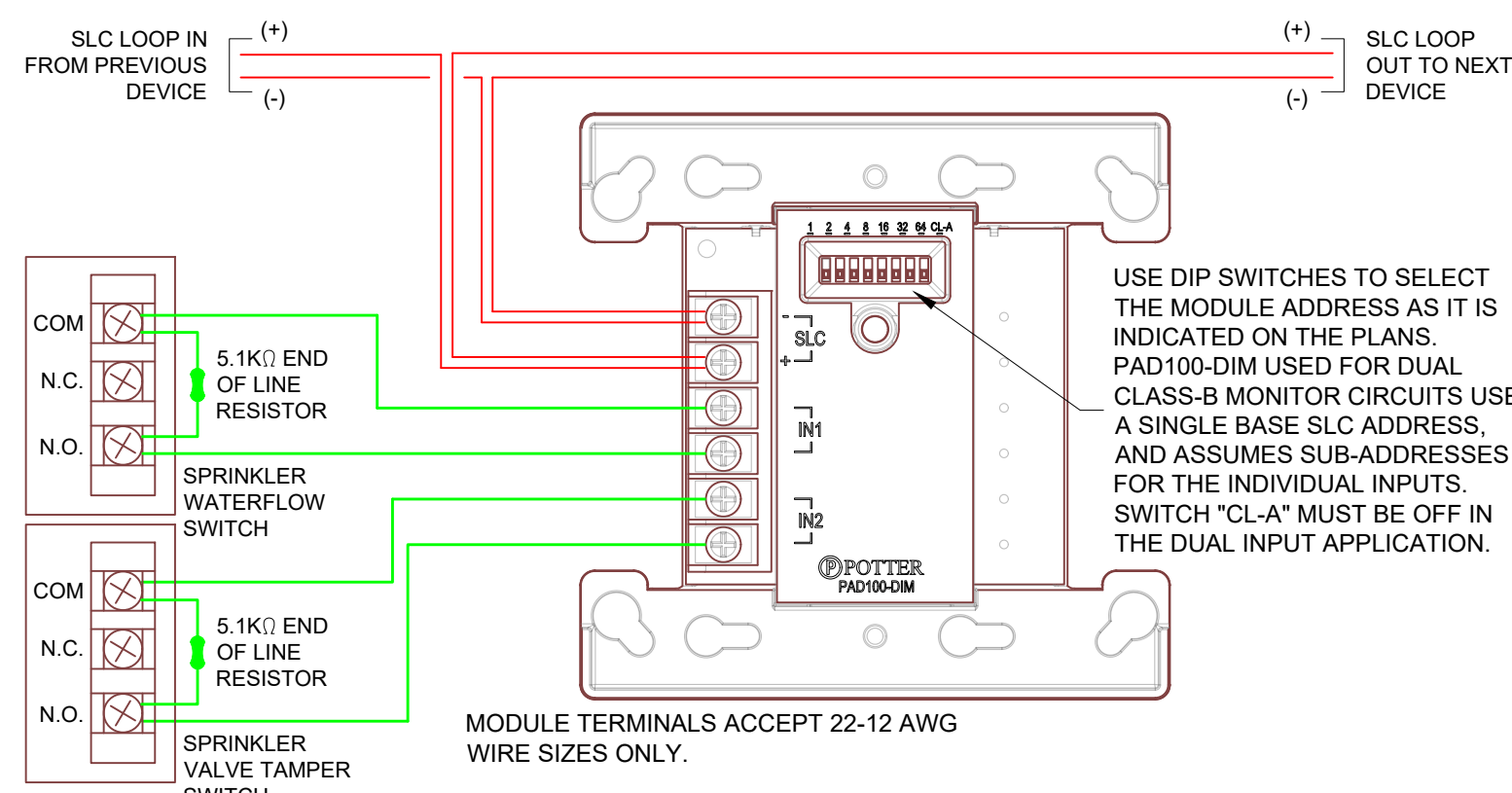
PAD100-DUCTR DUCT DETECTOR HOUSING WITH REMOTE TEST STATION



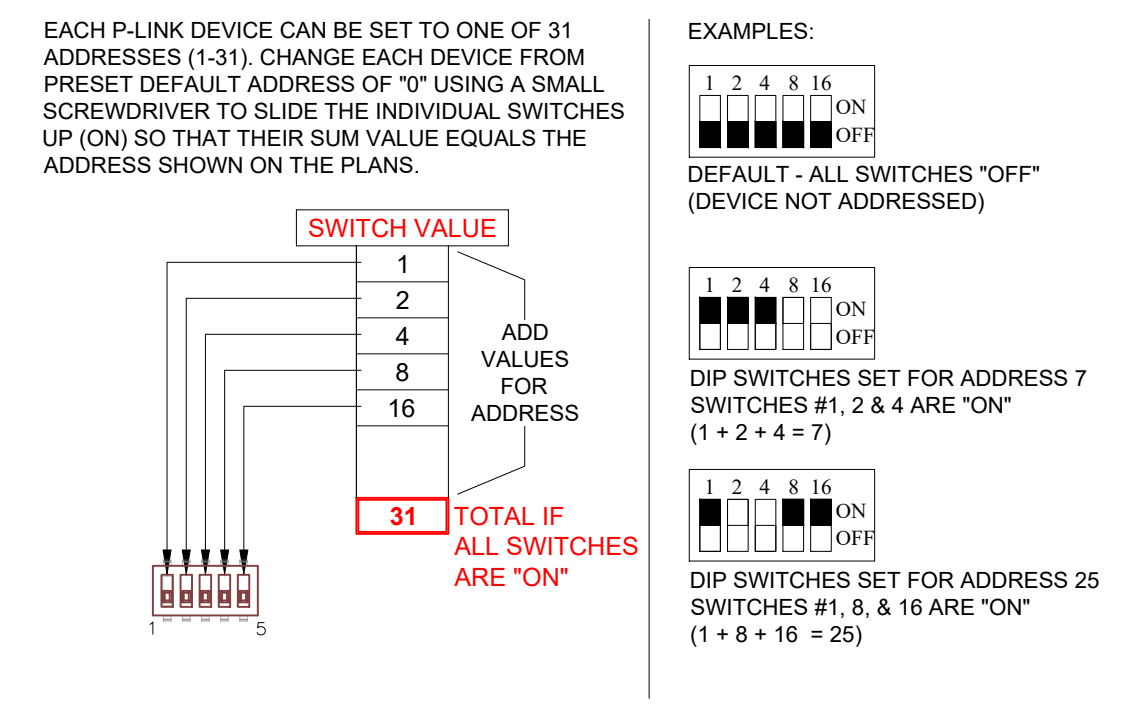
SETTING SLC ADDRESS (POTTER PAD100)



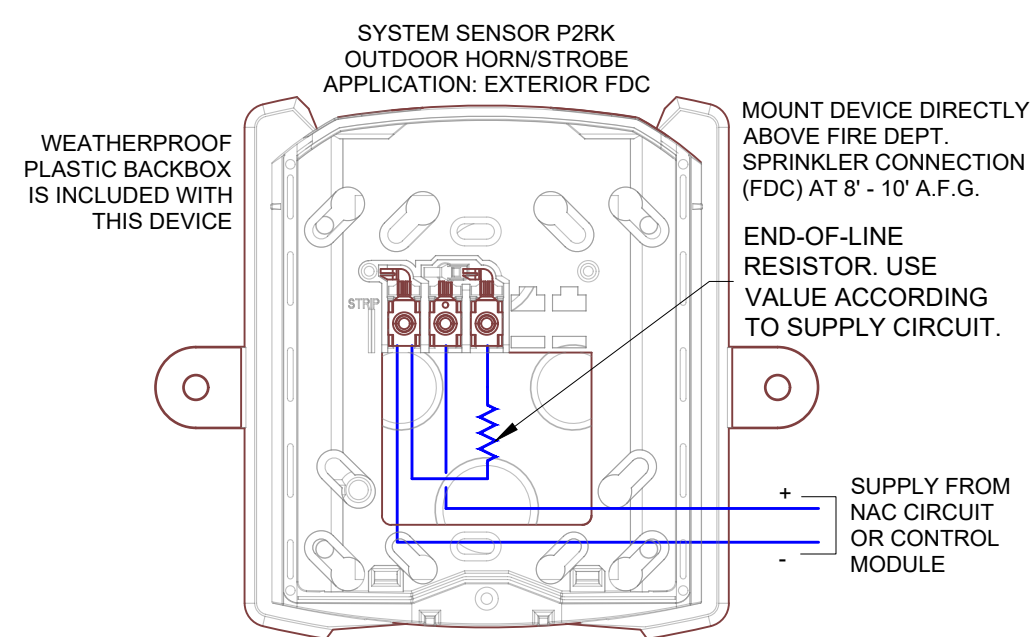
PAD100-NAC CONTROL MODULE DETAIL



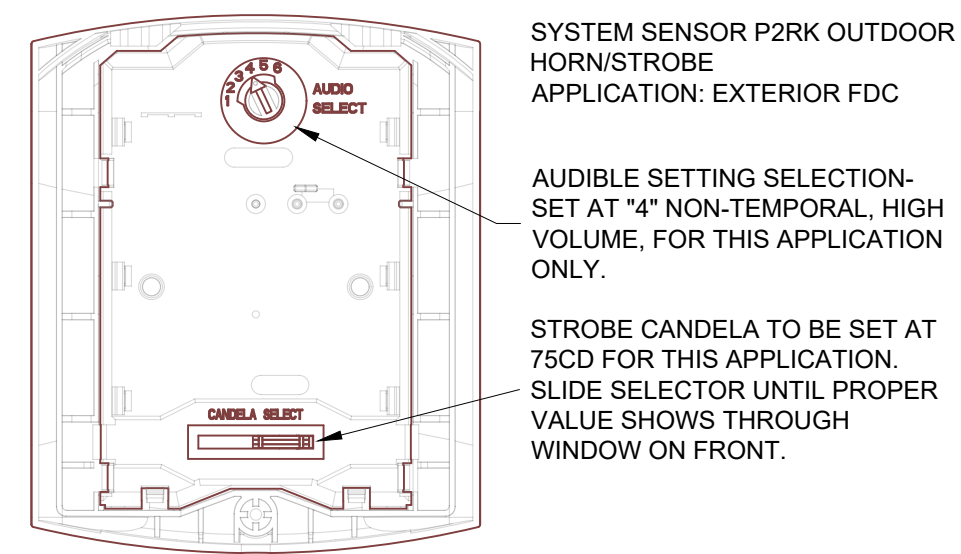
PAD100-DIM DUAL MONITOR MODULE DETAIL



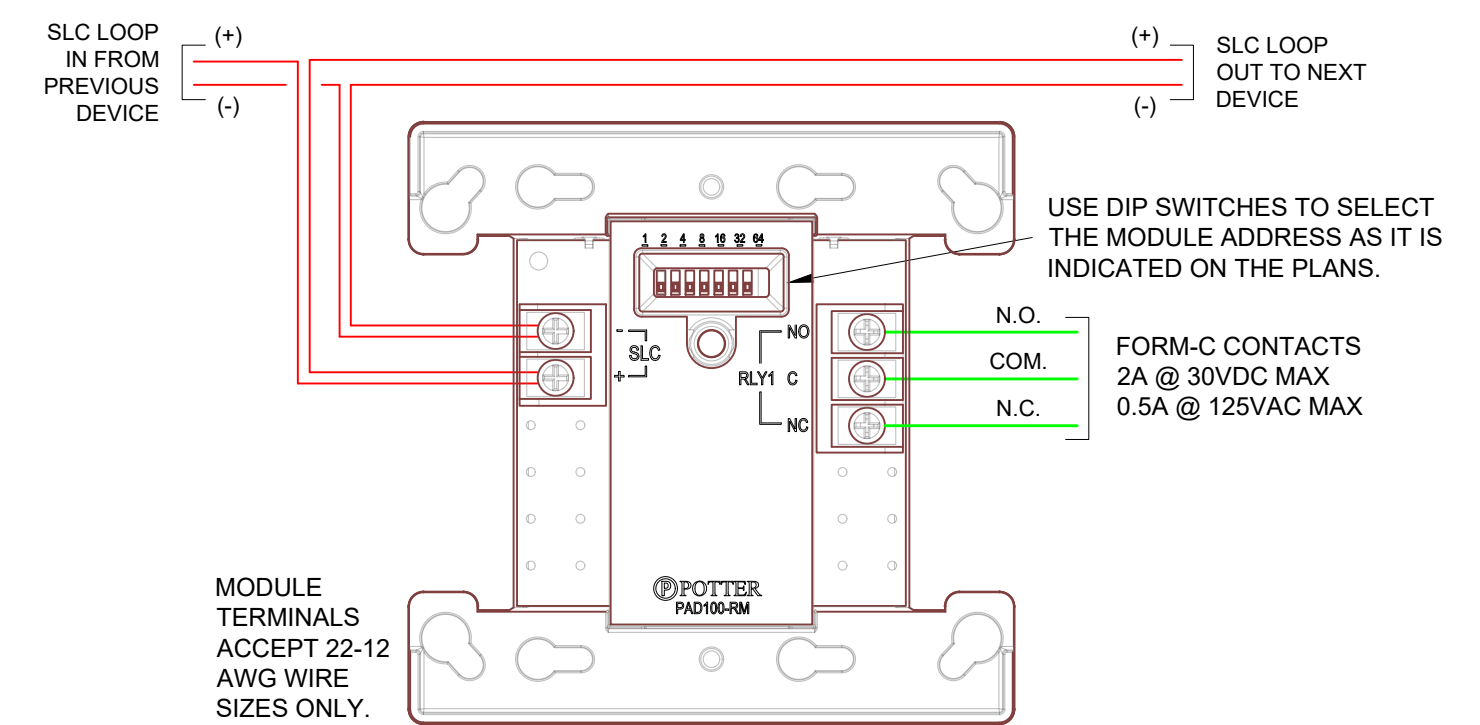
SETTING P-LINK ADDRESS (POTTER PAD100)



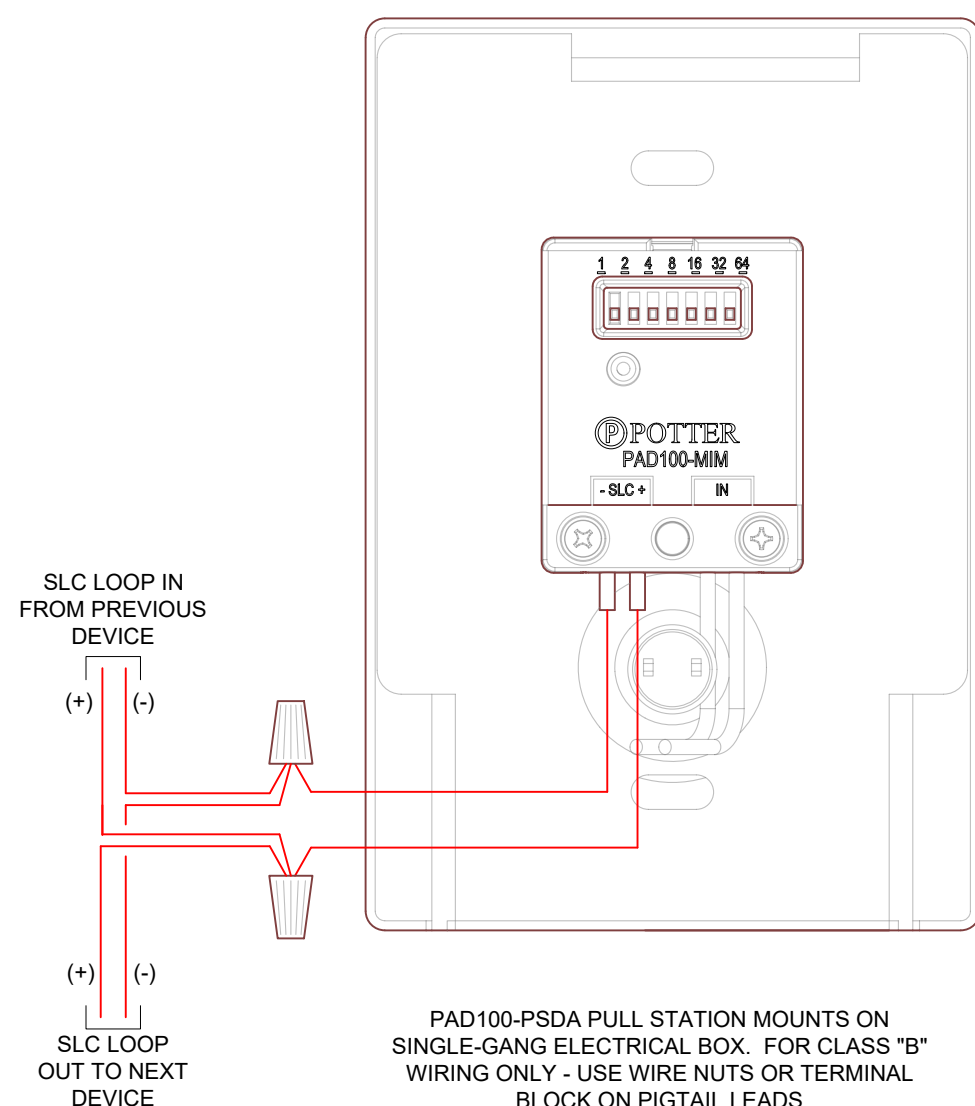
SYSTEM SENSOR P2RK OUTDOOR HORN / STROBE



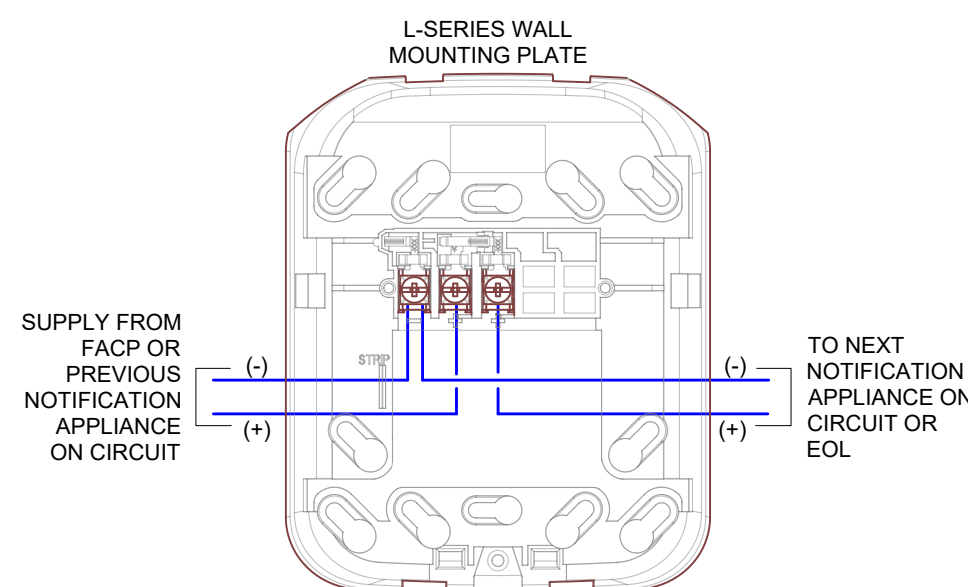
P2RK OUTDOOR HORN / STROBE CANDELA & AUDIBLE SETTINGS



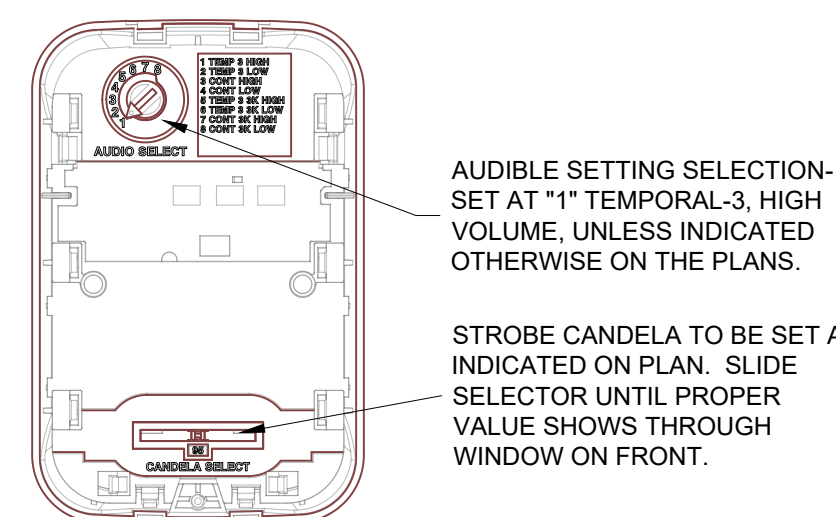
PAD100-RM RELAY MODULE DETAIL



PAD100-PSDA WIRING DETAIL



SYSTEM SENSOR L-SERIES HORN / STROBE & STROBE



L-SERIES HORN / STROBE CANDELA & AUDIBLE SETTINGS



WESTLAKE ACE HARDWARE
3511 SW MARKET STREET, LEE'S SUMMIT, MO 64082
prepared for: Bart's Electric
7103 Stewart Road, Pleasant Valley, MO 64068

DRAWN BY: D. LANE DATE: 03.23.23
DESIGNED BY: JM DATE: 03.21.23
APPROVED BY: DATE:
PROJECT NUMBER: 330323030947
SHEET TITLE: FIRE ALARM SYSTEM Device Details
SHEET NUMBER: FA-3
3 of 4

MIDWEST ALARM SERVICES
9745 Widmer, Lenexa, KS 66215
(913) 677-3711 FAX (913) 677-3712
COPYRIGHT 2023 MIDWEST ALARM SERVICES - ALL RIGHTS RESERVED

