

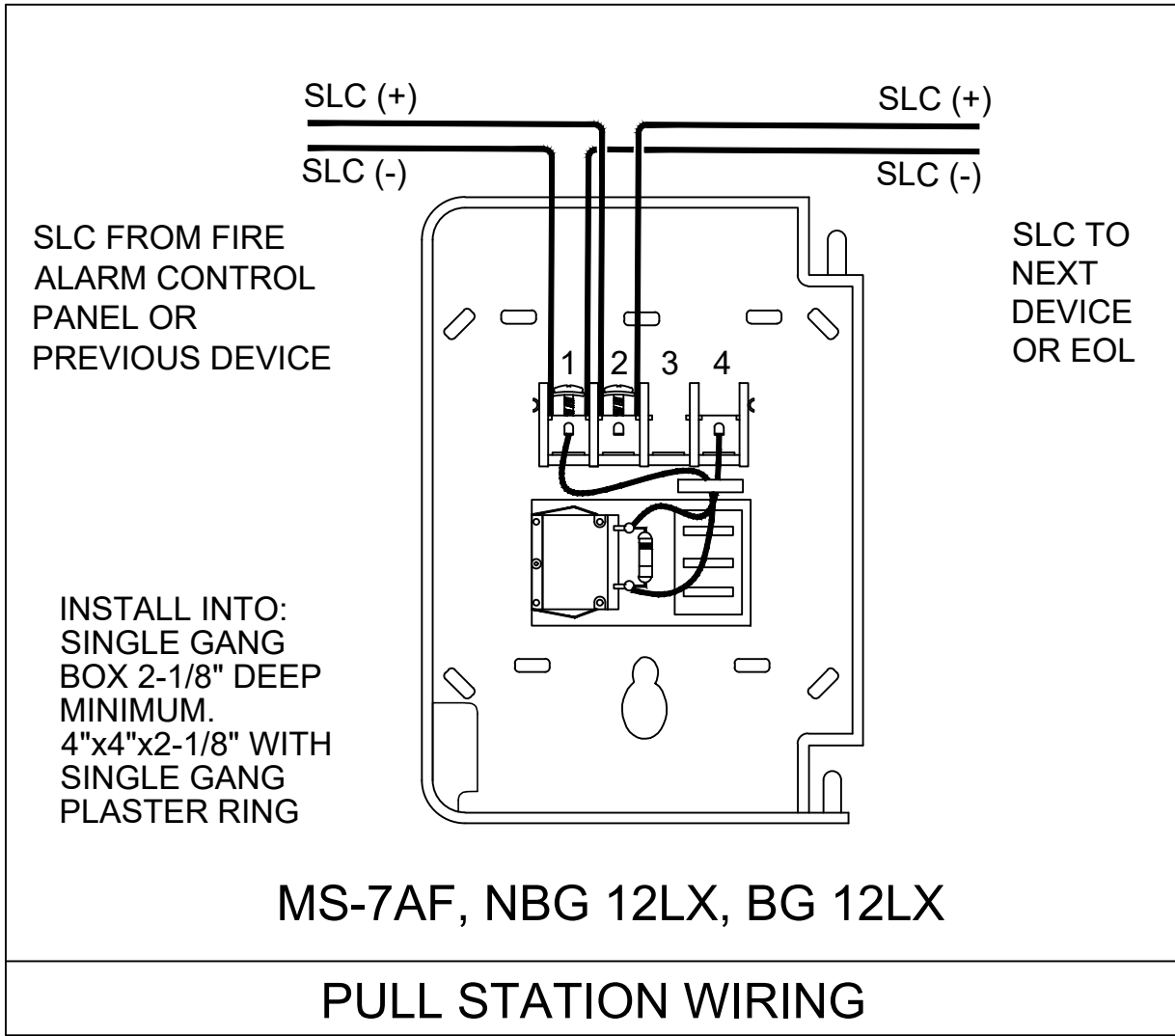
SUMMIT FAIR BLDG D

860 NW BLUE PARKWAY

LEE'S SUMMIT, MO 64086

MATRIX -

FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX		SYSTEM OUTPUTS																											
		FACP ANNUNCIATION													NOTIFICATION							REQUIRED FIRE SAFETY CONTROL							
SYSTEM INPUTS		ACTIVE COMMON ALARM SIGNAL INDICATOR ACTIVE TROUBLE ALARM SIGNAL ACTIVE COMMON SUPERVISORY SIGNAL INDICATOR ACTIVE TROUBLE SUPERVISORY SIGNAL ACTIVE COMMON TROUBLE SIGNAL ACTIVE TROUBLE TROUBLE SIGNAL TROUBLE CHANGE OF SIGNAL STATUS TROUBLE TROUBLE SIGNAL TROUBLE TRO																											



APPLICABLE BUILDING CODES:

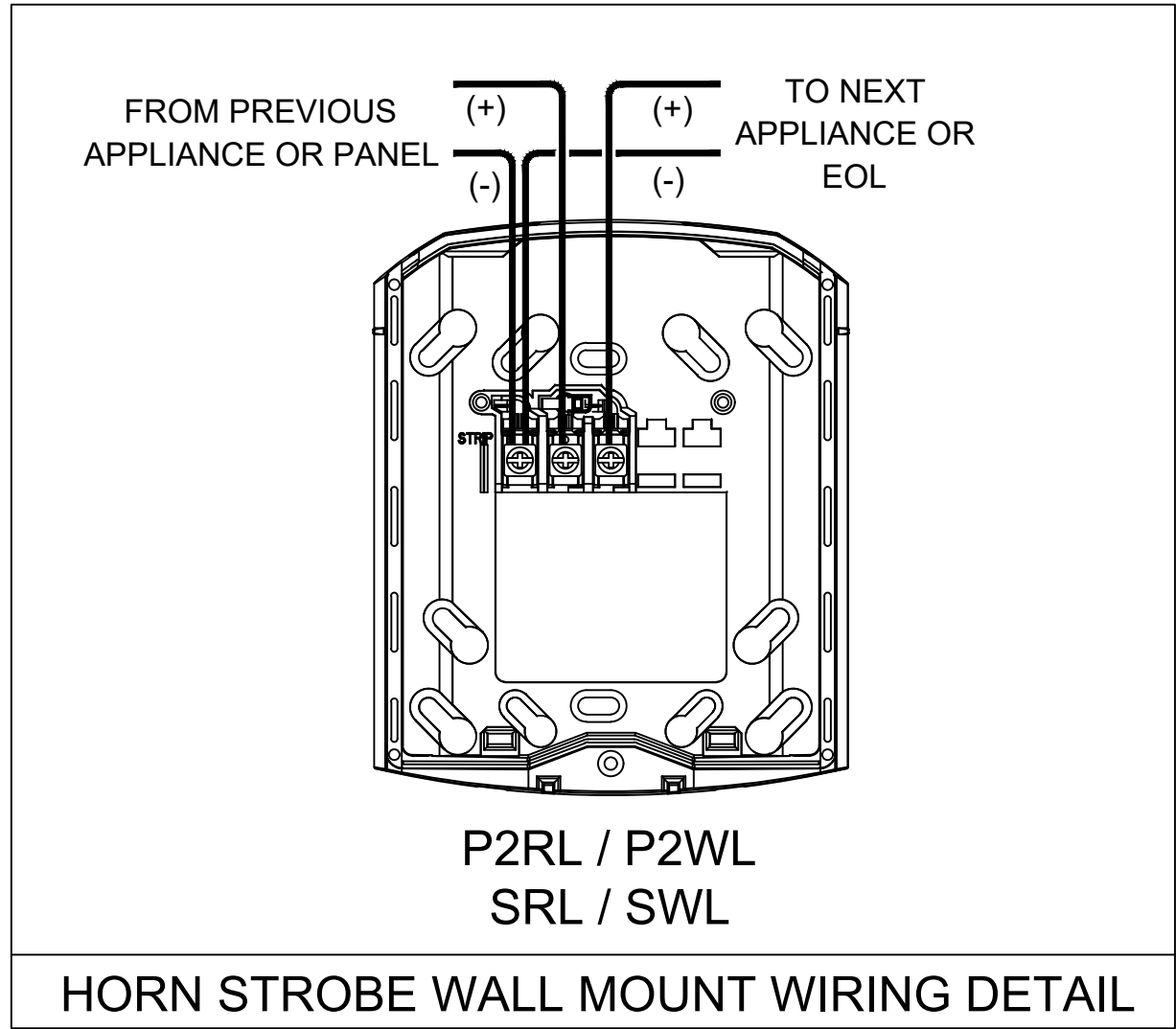
2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL FIRE CODE
2016 NFPA 72

SCOPE OF WORK:

Adjust Fire Alarm System
for remodel area

Marmic Fire and Safety
4008 E 138th St,
Grandview, MO 64030

Marmic ST job number: #39067912



MEP Engineering Group
Certificate of Authority #2016015108
mepengineeringgroup@gmail.com
(816)778-1195



REVISION	DATE
1 Fire Alarm	4/7/2025
2	

Date:	4/7/2025
Scale:	1/8" = 1'0"

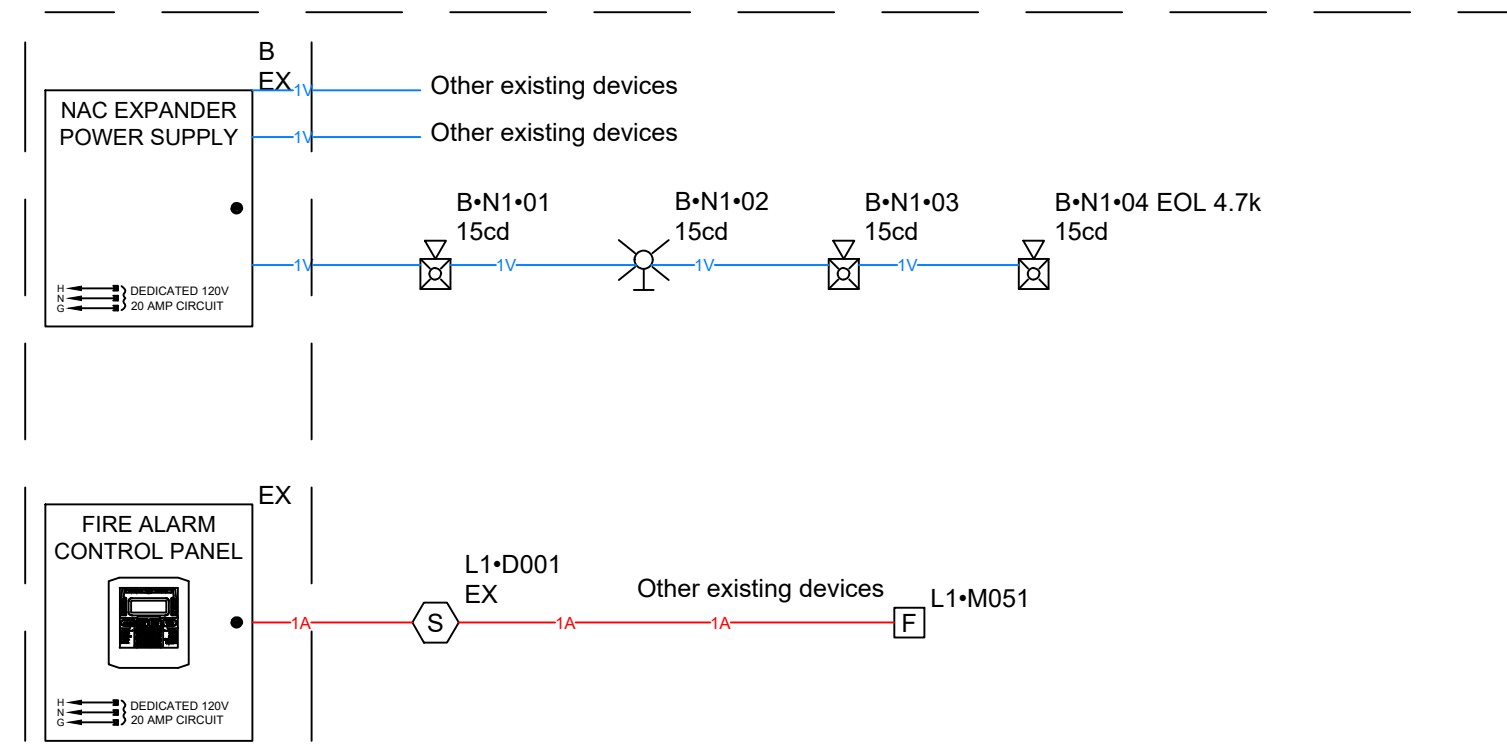
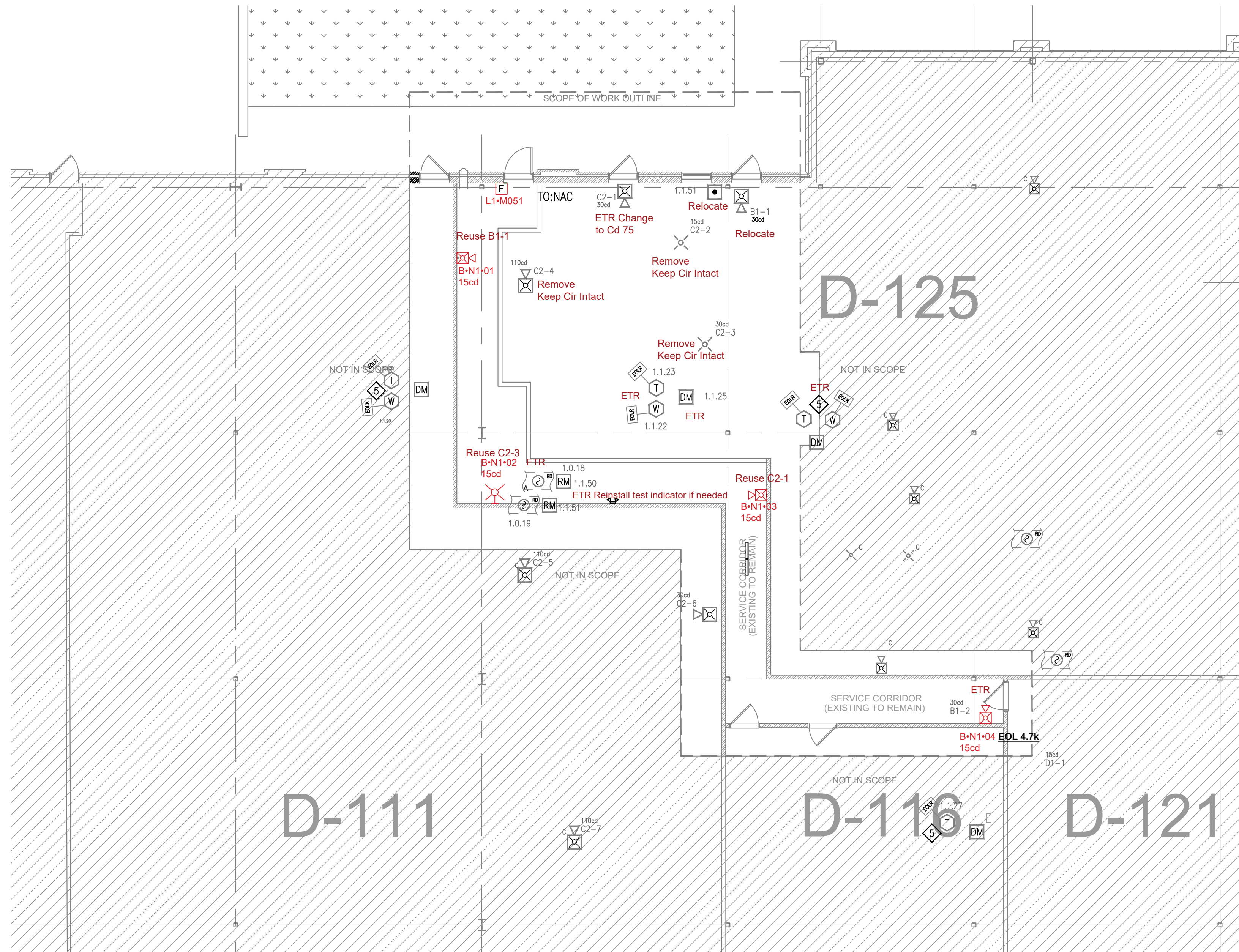
Designed by:	PHILLIP YOUNG
Drawn by:	PHILLIP YOUNG
Approved By:	

MARMIC FIRE & SAFETY 4008 E 138th St, Grandview, MO 64030 913-760-3237

SUMMIT FAIR BLDG D 860 NW BLUE PARKWAY LEE'S SUMMIT, MO 64086

SHEET REFERENCE NUMBER: 1 TOTAL SHEETS 2

S
NAC FAC
B
EX
L1-D001
EX



S-N1 POINT-TO-POINT REPORT		CURRENT SUMMARY				POWER SUMMARY			
CIRCUIT WIRING PROPERTIES: Y-H4E (PLP/NAC) 600/80B 14 AWG 2 COND. SOLID COPPER PLP/NAC ANALOG UNSHIELDED	DISTANCE MEASURED USING SHOWN EQUIPMENT LENGTHS WITH 10% ADDITIONAL LENGTH CALCULATED	MAX. CIRCUIT CURRENT (A)	3	MAX. CIRCUIT CURRENT (A)	0.036	STARTING CALC. VOLTAGE	20.40	MAX. VOLTAGE DROP	0.26
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PANEL 5											
EX (FPLP) & BATTERY CALCULATION											
SECONDARY POWER SOURCE REQUIREMENTS											
PANEL COMPONENTS					STANDARD CURRENT						
					CURRENT DRAW (A)		TOTAL (A)		SECONDARY ALARM CURRENT		
CIRCUIT	MAX. CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
					1	OPPS MAIN BOARD	PLP-2000 2000A 200V 50/60HZ	0.075	0.075	0.175	0.175
CIRCUIT	MAX. CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
					1	OPPS MAIN BOARD	PLP-2000 2000A 200V 50/60HZ	0.075	0.075	0.175	0.175
BAT	NA				3	PSR	24VDC 1000A 200V 50/60HZ	0.000	0.000	0.000	0.000
					1	SR	STORAGE RED 1000	0.000	0.000	0.000	0.000
							TOTAL IN BATTERY (A)	0.000	TOTAL ALARM (A)		0.000
							REQUIRED PLP (A)	0.000	REQUIRED PLP (A)		0.000
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