

NOTE#	NOTE TEXT
1.	ALL CIRCUIT POLARITY SHALL BE MAINTAINED.
2.	SHIELD CONTINUITY SHALL BE MAINTAINED THROUGHOUT ALL SHIELDED CIRCUITS. SHIELDS SHALL BE GROUNDED AT ONLY ONE POINT (THE EQUIPMENT HEAD END UNLESS NOTED OTHERWISE).
3.	ALL CIRCUITS SHALL BE FREE OF GROUNDS, WIRE TO WIRE SHORTS, AND OPENS.
4.	NOTIFICATION APPLIANCE CIRCUITS (NAC) & INITIATING DEVICE CIRCUITS (IDC) ARE SUPERSEDED. NO PARALLEL BRANCHING (TEE TAPPING) SHALL BE PERMITTED. NON-STYLE B & 7 SIGNALING LINE CIRCUITS (SLC) ALLOW PARALLEL BRANCHING (TEE-TAPPING) AT DEVICES AND RESIDUALS ONLY.
5.	ALL FIRE ALARM CONDUIT SHALL BE SIZED TO MEET OR EXCEED THE NEC MINIMUM REQUIREMENTS. FIRE ALARM CONDUIT SIZE SHALL BE 3/4" MINIMUM UNLESS SHOWN OTHERWISE. STUB-UPS TO INDIVIDUAL DEVICES ALLOWED TO BE IN 1/2".
6.	INSTALLATION MATERIALS (I.E. CONDUIT, FITTINGS, HANGERS, STANDARD BOXES, ETC.) ARE NOT PROVIDED BY MIDWEST ALARM SERVICES.
7.	ON OPEN WIRE INSTALLATIONS CONDUIT SHALL BE PROVIDED BY OTHERS THROUGH ALL WAC'S, EXCEPT FOR THE FOLLOWING: THROUGH CEILINGS, STUB-UPS THROUGH ENCLOSED WALLS, ETC.) AND IN ALL EXPOSED AREAS (I.E. MECHANICAL ROOMS, ELECTRICAL ROOMS, ETC.).
8.	MANUAL PULL BOXES SHALL BE MOUNTED 48" AFF TO THE ACTUATING HANDLE.
9.	WALL-MOUNTED AUDIBLE/VISUAL I & VUSAL ONLY DEVICES SHALL BE MOUNTED 80" AFF TO THE BOTTOM OF THE DEVICE OR 6" FROM THE CEILING TO THE TOP OF THE DEVICE WHICHEVER IS LOWER.
10.	INSTALLATION SHALL BE IN STRICT CONFORMANCE WITH THE NATIONAL ELECTRIC CODE, NFPA CODES, LOCAL CODES, AUTHORITIES HAVING JURISDICTION AND ALL CITY ORDINANCES.
11.	ALL FIRE ALARM CONTROL RELAYS SHALL BE MOUNTED WITHIN 3' OF THE DEVICES THEY CONTROL. ALL RELAY CONTROL CIRCUITS SHALL BE SUPERVISED.
12.	ALL FIRE ALARM JUNCTION BOX COVERS SHALL BE PAINTED RED OR LABELED FOR DISTINCT IDENTIFICATION.
13.	ALL FIRE ALARM PANELS & EQUIPMENT CABINETS REQUIRE A DEDICATED 120VAC CIRCUIT FOR PRIMARY POWER. FIRE ALARM AC POWER CIRCUITS SHALL BE PERMANENTLY IDENTIFIED AT THE DISTRIBUTION PANEL AND INSIDE THE FIRE EQUIPMENT CABINETS SERVED.

#	REFERENCED CODE	YEAR
1	International Building Code (IBC)	2018
2	International Fire Code (IFC)	2018
3	NFPA 70 National Electrical Code	2017
4	NFPA 72 National Fire Alarm Code	2016
5	NFPA 90A Standard on AC & Ventilating	2018

City of Lee's Summit, MO

This project is a new apartment building complex including a clubhouse. All buildings are fully sprinklered per NFPA 13R. An addressible fire alarm system is being provided in each building with horn/strobe notification.

Clubhouse

According to contract documents, the clubhouse building is occupancy group B and S-1 with areas of R-3 and A-3. None of the five AHUs are over 2,000 CFM to require detection and shutdown. Single-Station smoke and CO detectors for the R-3 area are provided by others.

Apartment Units

According to contract documents, the apartment buildings are primary occupancy group R-2 with areas of A-3. Single-Station smoke and CO detectors for the R-2 area are provided by others. CO detection on bldg system is provided in the 1st floor corridor at communicating openings to the attached garages per IFC 915.1.5 exception #4. Wiring provisions for building notification in sleeping areas is provided and included in circuit calculations per code. None of the six AHUs are over 2,000 CFM to require detection and shutdown.


















The Clubhouse building was submitted earlier. Sheets grayed out in the drawing index are not included this set.

SYSTEM INPUTS										AL	SL	ST	RE	AC	SL	SC	EL	EL	EL		
										●	●	●	●	●	●	●	●	●	●	●	
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - OPEN										●	●	●	●	●	●	●	●	●	●	●	●
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - SHORT										●	●	●	●	●	●	●	●	●	●	●	●
SIGNALING LINE OR NOTIFICATION APPLIANCE CIRCUIT - GROUND										●	●	●	●	●	●	●	●	●	●	●	●
FIRE ALARM CONTROL PANEL LOSS OF POWER										●	●	●	1	●	●	●	●	●	●	●	●
FIRE ALARM CONTROL PANEL OTHER TROUBLE										●	●	●	●	●	●	●	●	●	●	●	●
SPRINKLER WATERFLOW ALARM ACTIVATION										●	●	●	●	●	●	●	●	●	●	●	●
MANUAL PULL STATION ACTIVATION										●	●	●	●	●	●	●	●	●	●	●	●
SMOKE DETECTOR ACTIVATION										●	●	●	●	●	●	●	●	●	●	●	●
SMOKE DETECTOR ACTIVATION - ELEVATOR LANDING PRIMARY FLR										●	●	●	●	●	●	●	●	●	●	●	●
SMOKE DETECTOR ACTIVATION - ELEVATOR LANDING OTHER FLOORS										●	●	●	●	●	●	●	●	●	●	●	●
HEAT DETECTOR - ELEVATOR SHAFT OR MACHINE ROOM										●	●	●	●	●	●	●	●	●	●	●	●
DUCT SMOKE DETECTOR ACTIVATION										●	●	●	●	●	●	●	●	●	●	●	●
SPRINKLER VALVE TAMPER SWITCH ACTIVATION										●	●	●	●	●	●	●	●	●	●	●	●
CARBON MONOXIDE (CO) DETECTOR (APT. GARAGES ONLY)										●	●	●	●	●	●	●	●	●	●	●	●

1. AC POWER LOSS REPORTED TO SUPERVISING STATION AFTER DELAY OF 30 MINUTES (PROGRAMMABLE).

Sheet:	Title:	Revision #:	Date Issued:
FA-0	COVER SHEET, NOTES, CALCULATIONS FOR CLUBHOUSE		05.30.2024
FA-101	FIRE ALARM FLOOR PLAN - CLUBHOUSE		05.30.2024
FA-102	DEVICE MOUNTING & WIRING DETAILS		05.30.2024
FA-103	PANEL MOUNTING & WIRING, RISER DIAGRAM - CLUBHSE		05.30.2024
FA-201	FIRE ALARM FLOOR PLAN - APARTMENT 1L, 1ST LEVEL		12.09.2024
FA-202	FIRE ALARM FLOOR PLAN - APARTMENT 2ND & 3RD LEVEL		12.09.2024
FA-203	FIRE ALARM FLOOR PLAN - APT. 4TH LVL, RISER		12.09.2024
FA-204	CALCULATIONS & PANEL MOUNTING - APARTMENT		01.17.2025



FIRE ALARM SYMBOLS LEGEND	
SYMBL	DESCRIPTION
	NOTIFIER NFS-320 FIRE ALARM PANEL MOUNT PANEL AS SHOWN AT 72" AFF TO TOP OF BOX BACK BOX: SINGLE GANG
	NOTIFIER FDU-80 LCD ANNUNCIATOR, 80 CHAR. MOUNT AS SHOWN ON SHEET FA-102 BACK BOX: SINGLE GANG
	NOTIFIER NBG-12LX ADDRESSABLE MANUAL PULL STATION SEE FA GENERAL NOTE 7 FOR MOUNTING HEIGHT BACK BOX: SINGLE GANG 1.875" DEEP MIN
	NOTIFIER FSP-951 SMOKE DETECTOR (PHOTO) MOUNT ON B300-B BASE, AS INDICATED BACK BOX: 4" SQUARE OR 3.5" OCTAGONAL X 1-1/2" DEEP SINGLE-STATION SMOKE ALARM
	PROVIDED BY OTHERS, SHOWN FOR REFERENCE ONLY BACK BOX:
	SINGLE-STATION COMBO CO/SMOKE ALARM PROVIDED BY OTHERS, SHOWN FOR REFERENCE ONLY BACK BOX:
	NOTIFIER FST-951 HEAT DETECTOR, 135F MOUNT ON B300-B BASE, AS INDICATED BACK BOX: 4" SQUARE OR 3.5" OCTAGONAL X 1-1/2" DEEP SYSTEM SENSOR CO1224TR CARBON MONOXIDE DETECTOR
	INCLUDE FMM-101 FOR ADDRESSABLE INTERFACE BACK BOX: 4" SQUARE OR 3.5" OCTAGONAL X 1-1/2" DEEP
	NOTIFIER FMM-1 ADDRESSABLE MONITOR MODULE MOUNT AS SHOWN ON PLANS BACK BOX: 4" SQUARE X 2-1/8" DEEP
	NOTIFIER FDM-1 DUAL ADDRESSABLE MONITOR MODULE MOUNT AS SHOWN ON PLANS BACK BOX: 4" SQUARE X 2-1/8" DEEP
	NOTIFIER FCM-1 ADDRESSABLE CONTROL MODULE MOUNT WITHIN 3' OF CONTROLLED DEVICE BACK BOX: 4" SQUARE X 2-1/8" DEEP
	NOTIFIER FRM-1 ADDRESSABLE RELAY MODULE MOUNT WITHIN 3' OF CONTROLLED DEVICE BACK BOX: 4" SQUARE X 2-1/8" DEEP
	SYSTEM SENSOR SW2LED STROBE, WALL MOUNT, WHITE FOR MOUNTING HEIGHT SEE FA GENERAL NOTE 9. BACK BOX: SINGLE GANG X 1.875" DEEP MIN.
	SYSTEM SENSOR SCWLED STROBE, CEILING MOUNT, WHITE MOUNT IN DROP CEILING TIE OR BOTTOM OF CLNG TRUSS BACK BOX: SINGLE GANG X 1.875" DEEP MIN.
	SYSTEM SENSOR P2WLED HORN/STROBE, WALL MOUNT, WHITE FOR MOUNTING HEIGHT SEE FA GENERAL NOTE 9. BACK BOX: SINGLE GANG X 1.875" DEEP MIN.
	SYSTEM SENSOR HW-LF LOW FREQ. HORN/STRB, WALL, WHT FOR MOUNTING HEIGHT SEE FA GENERAL NOTE 9. BACK BOX: SINGLE GANG X 1.875" DEEP MIN.
	SYSTEM SENSOR P2RK HORN/STROBE, WALL, OUTDOOR, RED MOUNT DIRECTLY ABOVE FDC AT 8'-10" A.F.G BACK BOX: PLASTIC BACKBOX INCLUDED WITH DEVICE

TAG	DESCRIPTION
A	SIGNALING LINE CIRCUIT, CLASS B (2C) 18AWG SOLID, TWSTD, JACKETED CABLE FPLP
B	NOTIFICATION APPLIANCE CIRCUIT (NAC), CLASS B (2C) 14AWG SOLID, TWISTED, JACKETED CABLE, FPLP
P	AUX. POWER FOR ANNUNCIATOR (2C) 14AWG SOLID, TWISTED, JACKETED CABLE, FPLP
R	ANNUNCIATOR DATA CIRCUIT (ANN-BUS), CLASS A (2C) 18AWG SOLID, TWISTED, JACKETED CABLE, FPLP

NOTIFICATION APPLIANCES

TYPE OF SIGNAL CIRCUIT
 N' = NAC REMOTE POWER SUPPLY
 P' = FACCH PANEL
 V' = VOICE EVAC (SPEAKER)

PANEL NUMBER (IF ANY)
 CIRCUIT NUMBER IN PANEL

NO NOTATION = NEW

N4 — MODULES
 N2-1-01 — DEVICE NUMBER
 N30 — END OF LINE RESISTOR (LAST DEVICE ON CKT)
 30 — CANDELA RATING

ADDRESSABLE DEVICES

NETWORK NODE NUMBER
 SLC or LOOP NUMBER
 DENOTES DEVICE TYPE
 "M"=MODULE, "D"=DETECTOR
 DEVICE ADDRESS NUMBER
 (1-159 DET, 1-159 MOD)

N11D01

NO.	DATE	REVISION DESCRIPTION
△		
△		
△		
△		
△		

prepared for: Ridgeline Power Group

REAL:

DRAWN BY:	DATE:
D.LANE	05.28.2024

DESIGNED BY:	DATE:
PR	05.07.24

APPROVED BY:	DATE:
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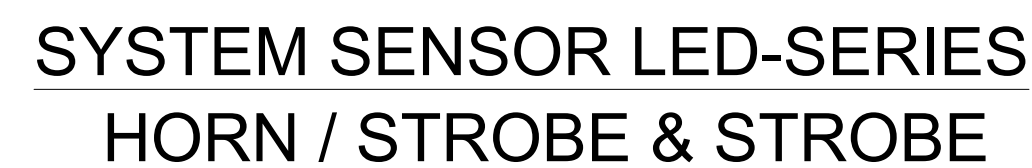
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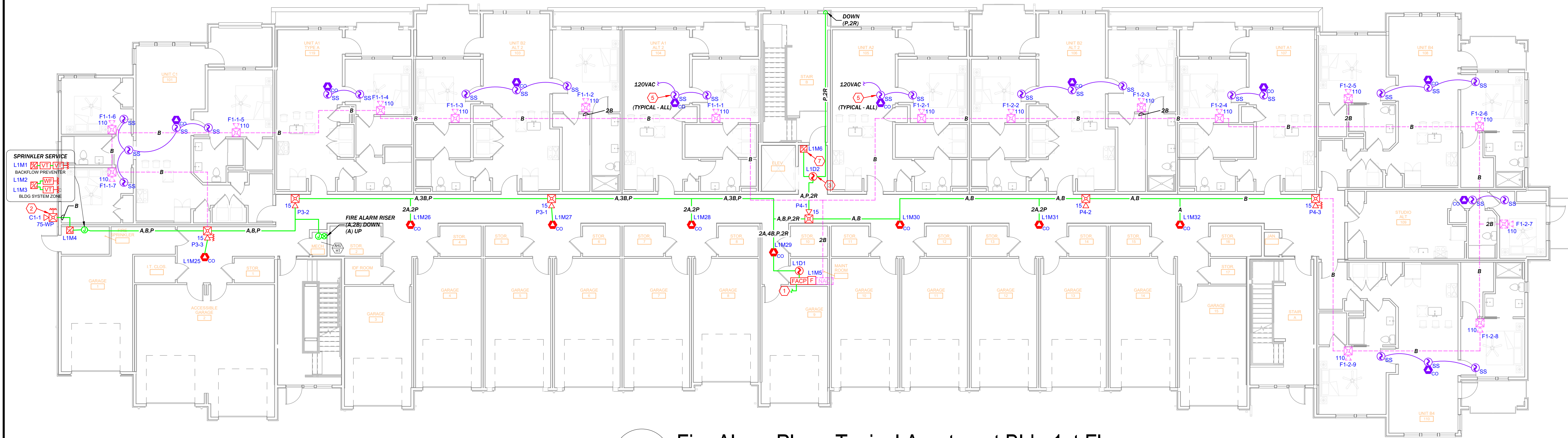
SHEET TITLE:
FIRE ALARM SYSTEM
Cover Page & Notes
Calculations - Clubhouse

SHEET NUMBER:

FA-0

1 of 8





2 Fire Alarm Plan - Typical Apartment Bldg 1st Floor
SCALE: 3/32"=1'-0"
3" 0' 4' 10'-8"
SCALE: 3/32"=1'-0"

GENERAL NOTE - FUTURE CAPACITY
LOW FREQUENCY NOTIFICATION DEVICES IN UNITS AND PATHWAYS SHOWN IN **MAGENTA COLOR** ARE FOR FUTURE EXPANSION IN SLEEPING AREAS AS REQUIRED BY ICC A117.1. ELECTRICAL BOX ROUGH-IN AND WIRING ARE TO BE INCLUDED IN THE INSTALLATION. CONNECT CIRCUITS THROUGH AT FUTURE LOCATIONS AND BLANK OFF BOX. NAC CALCULATIONS INCLUDE FUTURE DEVICES.



1 Fire Alarm Plan - Typical Apartment Bldg Lower Level
SCALE: 3/32"=1'-0"
3" 0' 4' 10'-8"
SCALE: 3/32"=1'-0"



RTU & AHU SCHEDULE - Apartment Buildings (As listed on contract drawing MP1.04)	
AHU-H1	600 CFM
AHU-H2	600 CFM
AHU-H3	600 CFM
AHU-H4	600 CFM
AHU-H5	600 CFM
AHU-H6	600 CFM

None of the units in this building are over 2,000 CFM to require duct detectors and shutdown function from the fire alarm system per NFPA 72 & 90A. All are electric heat.

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[SS]	SINGLE-STATION COMBO CO/SMOKE ALARM PROVIDED BY OTHERS, SHOWN FOR REFERENCE ONLY BACK BOX:
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[CO]	SYSTEM SENSOR CO1224TR CARBON MONOXIDE DETECTOR INCLUDE FMM-101 FOR ADDRESSABLE INTERFACE BACK BOX: 4" SQUARE OR 3.5" OCTAGONAL x 1-1/2" DEEP
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[S]	SYSTEM SENSOR P2RK HORN/STROBE, WALL, OUTDOOR, RED 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, CLASS B (2C) 18AWG SOLID, TWSTD, JACKETED CABLE FPLR
B	NOTIFICATION APPLIANCE CIRCUIT (NAC), CLASS B (2C) 14AWG SOLID, TWISTED, JACKETED CABLE: FPLP
P	AUX. POWER FOR ANNUNCIATOR (2C) 14AWG SOLID, TWISTED, JACKETED CABLE: FPLP
R	ANNUNCIATOR DATA CIRCUIT (ANN-BUS), CLASS A (2C) 18AWG SOLID, TWISTED, JACKETED CABLE: FPLP

KEYED NOTES		DWG SHEET # FA-201
KEY #	NOTE TEXT	
1	120VAC DEDICATED AC POWER FOR FIRE ALARM SYSTEM, TO BE PROVIDED BY ELECTRICAL CONTRACTOR.	
2	EXTERIOR NOTIFICATION DEVICE LOCATED DIRECTLY ABOVE FIRE DEPARTMENT SIAMSE CONNECTION (FDC) AT 10' A.F.G. DEVICE PROGRAMMED TO ACTIVATE ON SPRINKLER WATERFLOW IN ACCORDANCE WITH I/O MATRIX ON SHEET FA-0. SEE DETAIL ON FA-102 FOR SOUNDER SETTINGS.	
3	DETECTOR PROGRAMMED FOR ELEVATOR CONTROL IN ACCORDANCE WITH I/O MATRIX ON SHEET FA-0.	
4	NOT USED THIS SHEET	
5	120VAC SINGLE-STATION SMOKE DETECTORS SHALL BE INTERCONNECTED WITHIN UNITS FOR ALARM SIGNAL AS REQUIRED BY NFPA 72 CHAPTER 29. PROVIDED AND INSTALLED BY OTHERS, SHOWN FOR REFERENCE ONLY.	
6	COORDINATE LOCATION AND CONNECTION OF ELEVATOR PHASE 1 FIRE SERVICE INTERFACE DEVICES WITH ELEVATOR CONTRACTOR. COORDINATE ELEVATOR POWER SHUNT TRIP INTERFACES WITH ELECTRICAL CONTRACTOR.	
7	CONTROL RELAY FOR SMOKE CURTAIN AS CALLED OUT ON CONTRACT DRAWINGS. PROGRAM TO OPERATE AS SHOWN IN I/O MATRIX ON SHEET FA-0	

DEVICE NUMBERING DETAILS	
N = NEW (DEFAULT) E = EXIST (NO ACTION) ER = EXIST TO REUSE ED = EXIST TO DELETE	TYPE OF SIGNAL CIRCUIT "N" = NAC REMOTE POWER SUPPLY "P" = FACP PANEL "V" = VOICE EVAC (SPEAKER) PANEL NUMBER (IF ANY) CIRCUIT NUMBER IN PANEL
NO NOTATION = NEW	DEVICE NUMBER END OF LINE RESISTOR (LAST DEVICE ON CKT) CANDELA RATING
NOTIFICATION APPLIANCES	
[F] [S] [M] [M] [M] [F]	NETWORK NODE NUMBER SLC or LOOP NUMBER DENOTES DEVICE TYPE "M"=MODULE, "D"=DETECTOR DEVICE ADDRESS NUMBER (1-159 DET, 1-159 MOD)
[CO] [FST] [SS] [SS]	ADDRESSABLE DEVICES

MIDWEST
ALARM
SERVICES

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

REVISION DESCRIPTION

DATE

NO.

Residences at Blackwell - Building 2
2971 SE Sherandoah Pkwy, Lee's Summit MO 64063

prepared for: Ridgeline Power Group
4700 Roe Parkway, Mission, KS 66205

DRAWN BY: D.LANE
DESIGNED BY: PR
APPROVED BY:

DATE: 05.28.2024
DATE: 05.07.24
DATE:

PROJECT NUMBER:
3303 24050258

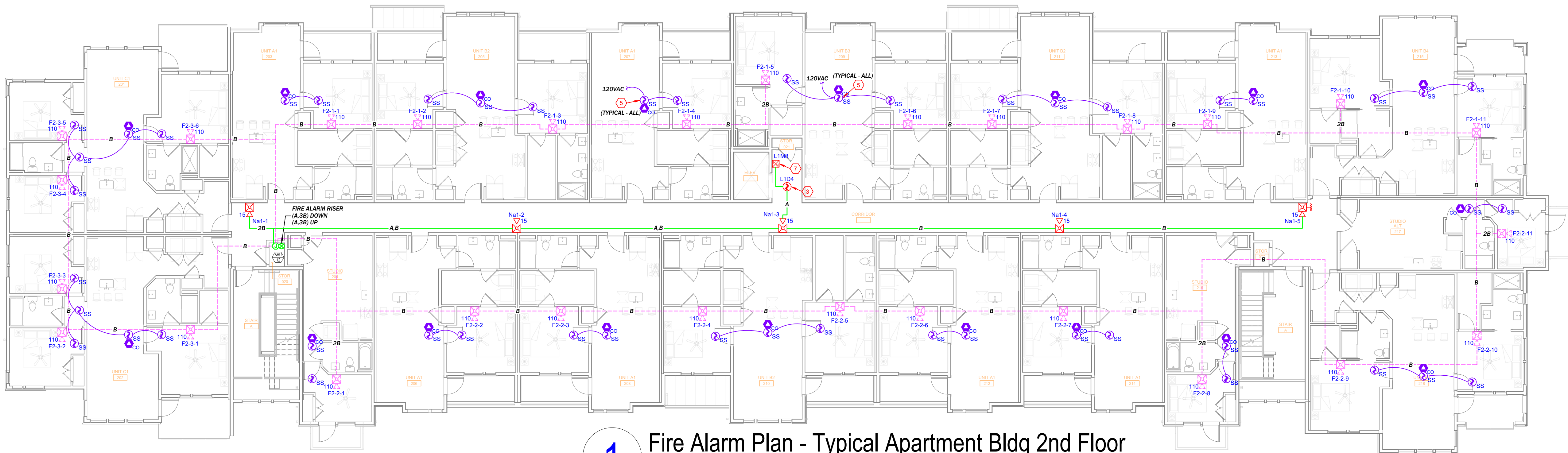
SHEET TITLE:
FIRE ALARM SYSTEM
Apartment Typ. Floor Plans
LL & 1st Floor

SHEET NUMBER:
FA-201
5 of 5



2 Fire Alarm Plan - Typical Apartment Bldg 3rd Floor
SCALE: 3/32"=1'-0"
3' 0' 4' 10'-8"
SCALE: 3/32"=1'-0"

GENERAL NOTE - FUTURE CAPACITY
LOW FREQUENCY NOTIFICATION DEVICES IN UNITS AND PATHWAYS SHOWN IN **MAGENTA COLOR** ARE FOR FUTURE EXPANSION IN SLEEPING AREAS AS REQUIRED BY ICC A117.1. ELECTRICAL BOX ROUGH-IN AND WIRING ARE TO BE INCLUDED IN THE INSTALLATION. CONNECT CIRCUITS THROUGH AT FUTURE LOCATIONS AND BLANK OFF BOX. NAC CALCULATIONS INCLUDE FUTURE DEVICES.



1 Fire Alarm Plan - Typical Apartment Bldg 2nd Floor
SCALE: 3/32"=1'-0"
3' 0' 4' 10'-8"
SCALE: 3/32"=1'-0"

FIRE ALARM SYMBOLS LEGEND	
SYMBL	DESCRIPTION
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FIRE ALARM WIRE LEGEND	
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KEYED NOTES	
KEY #	NOTE TEXT
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2	NOT USED THIS SHEET
3	DETECTOR PROGRAMMED FOR ELEVATOR CONTROL IN ACCORDANCE WITH I/O MATRIX ON SHEET FA-0.
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7	CONTROL RELAY FOR SMOKE CURTAIN AS CALLED OUT ON CONTRACT DRAWINGS. PROGRAM TO OPERATE AS SHOWN IN I/O MATRIX ON SHEET FA-0

DEVICE NUMBERING DETAILS	
N = NEW (DEFAULT) E = EXIST (NO ACTION) ER = EXIST TO REUSE ED = EXIST TO DELETE NO NOTATION = NEW	TYPE OF SIGNAL CIRCUIT "N" = NAC REMOTE POWER SUPPLY "P" = FACP PANEL "V" = VOICE EVAC (SPEAKER) PANEL NUMBER (IF ANY) CIRCUIT NUMBER IN PANEL N2-1-01 N 30 30 ← DEVICE NUMBER ← END OF LINE RESISTOR (LAST DEVICE ON CKT) ← CANDELA RATING
[M] [M] [M] [F] —MODULES—	NOTIFICATION APPLIANCES NETWORK NODE NUMBER SLC or LOOP NUMBER DENOTES DEVICE TYPE "M"=MODULE, "D"=DETECTOR ← DEVICE ADDRESS NUMBER (1-159 DET, 1-159 MOD) N11D01
[CO] [H] [P] [SS] —DETECTORS—	ADDRESSABLE DEVICES



MIDWEST
ALARM
SERVICES

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

REVISION DESCRIPTION

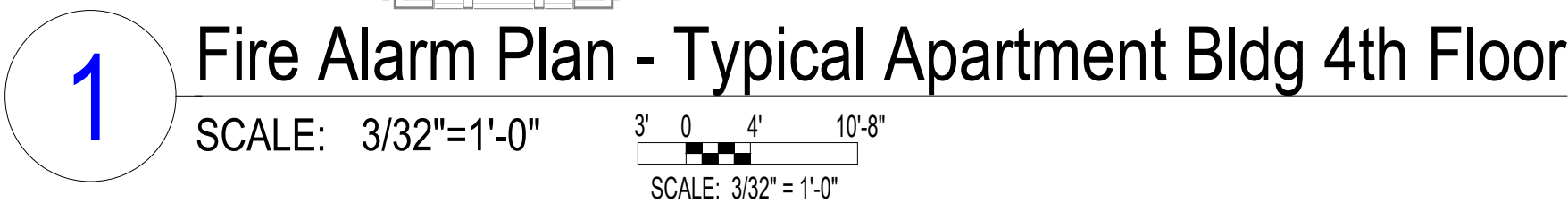
NO.	DATE	DESCRIPTION

Residences at Blackwell - Building 2
2971 SE Shenandoah Pkwy, Lee's Summit MO 64063

prepared for: Ridgeline Power Group
4700 Roe Parkway, Mission, KS 66205

SEAL:

DRAWN BY: D.LANE
DESIGNED BY: PR
APPROVED BY: DATE: 05.28.2024
PROJECT NUMBER: 3303 24050258
SHEET TITLE: FIRE ALARM SYSTEM
Apartment Typ. Floor Plans
2nd & 3rd Floor
SHEET NUMBER: FA-202
6 of 6



LOW FREQUENCY NOTIFICATION DEVICES IN UNITS AND PATHWAYS SHOWN IN **MAJENTA COLOR** ARE FOR FUTURE EXPANSION IN SLEEPING AREAS AS REQUIRED BY ICC A117.1. ELECTRICAL BOX ROUGH-IN AND WIRING ARE TO BE INCLUDED IN THE INSTALLATION. CONNECT CIRCUITS THROUGH AT FUTURE LOCATIONS AND BLANK OFF BOX. NAC CALCULATIONS INCLUDE FUTURE DEVICES.



FIRE ALARM WIRE LEGEND	
TAG	DESCRIPTION
A	SIGNALING LINE CIRCUIT, CLASS B (2C) 18AWG SOLID, TWISTED, JACKETED CABLE FPLP
B	NOTIFICATION APPLIANCE CIRCUIT (NAC), CLASS B (2C) 14AWG SOLID, TWISTED, JACKETED CABLE, FPLP
P	AUX. POWER FOR ANNUNCIATOR (2C) 14AWG SOLID, TWISTED, JACKETED CABLE, FPLP
R	ANNUNCIATOR DATA CIRCUIT (ANN-BUS), CLASS A (2C) 18AWG SOLID, TWISTED, JACKETED CABLE, FPLP

DEVICE NUMBERING DETAILS

N = NEW (DEFAULT)
E = EXIST (NO ACTION)
ER = EXIST TO REUSE
ED = EXIST TO DELETE

NO NOTATION = NEW

TYPE OF SIGNAL CIRCUIT
"N" = NAC REMOTE POWER SUPPLY
"F" = FACP PANEL
"V" = VOICE EVAC (SPEAKER)
PANEL NUMBER (IF ANY)
CIRCUIT NUMBER IN PANEL

N2-1-01

— DEVICE NUMBER

— END OF LINE RESISTOR
(LAST DEVICE ON CKT)

30 — CANDELA RATING

NOTIFICATION APPLIANCES

— MODULES

— DETECTORS

NETWORK NODE NUMBER
SLC or LOOP NUMBER
DENOTES DEVICE TYPE
"M"=MODULE, "D"=DETECTOR
— DEVICE ADDRESS NUMBER
(1-159 DET, 1-159 MOD)

N1L1D01

ADDRESSABLE DEVICES



