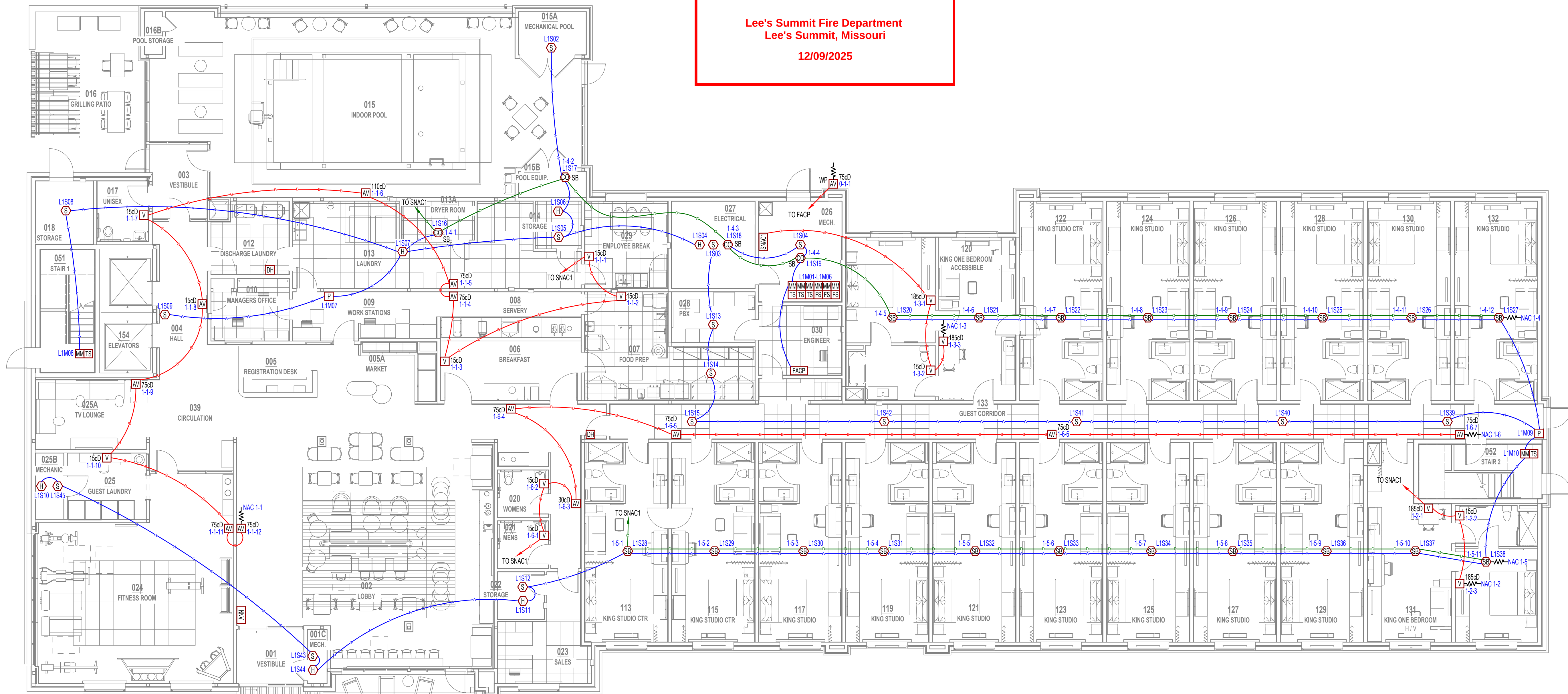


RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Lee's Summit Fire Department
Lee's Summit, Missouri
12/09/2025



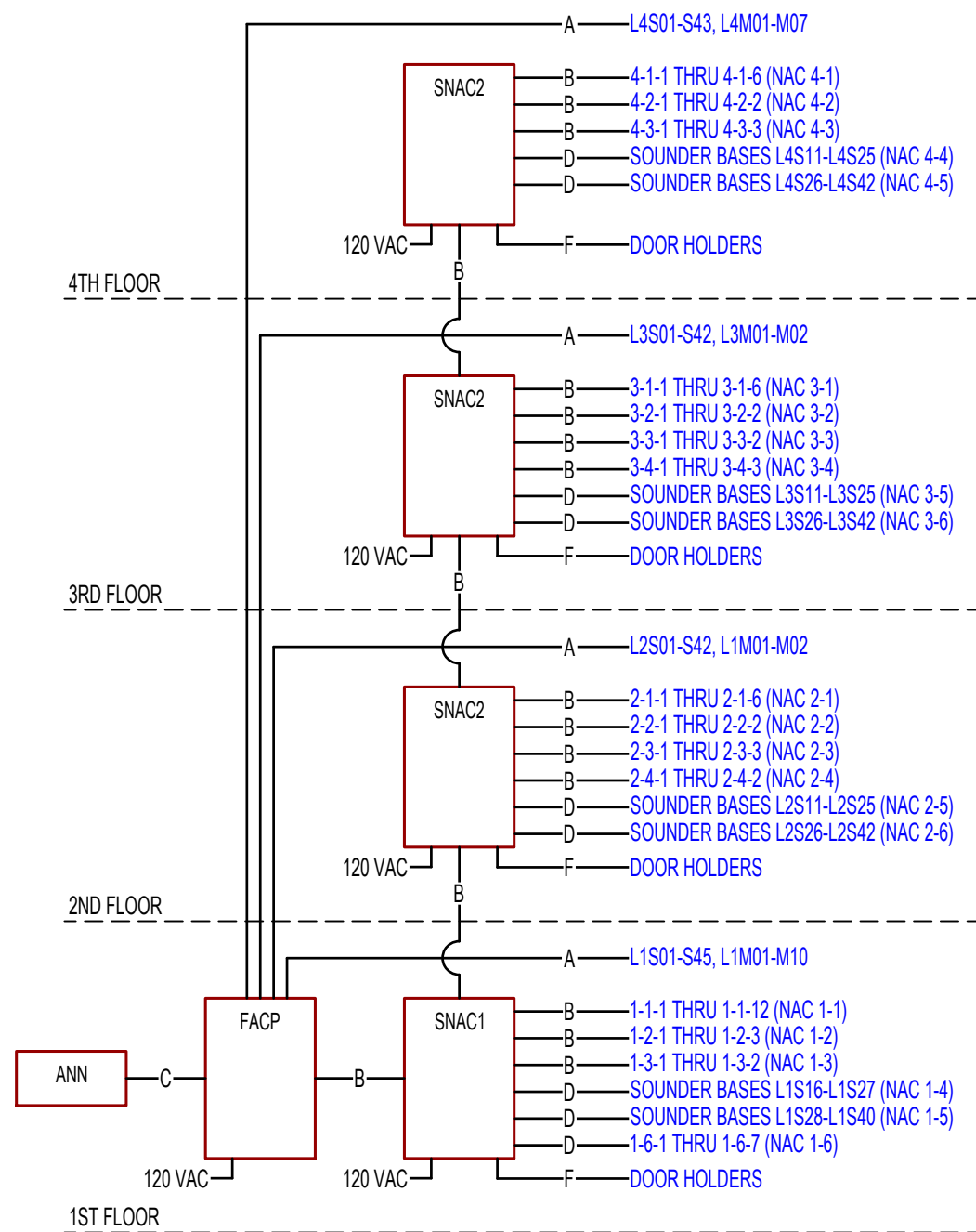
FIRST FLOOR FIRE ALARM PLAN
SCALE : 1/8" = 1'-0"

GENERAL NOTES

- CORRIDOR SMOKE DETECTORS SHALL BE SPACED MAXIMUM 30 FEET APART. PROVIDE ADDITIONAL DETECTORS IF NECESSARY TO MAINTAIN MAXIMUM SPACING DUE TO CEILING CONSTRUCTION.
- IF FIRE SPRINKLER HEAD(S) ARE INSTALLED IN THE ELEVATOR SHAFT, INSTALL A HEAT DETECTOR LOCATED WITHIN 2 FT FOR ACTIVATION OF THE SHUNT-TRIP DISCONNECT IN ACCORDANCE WITH ASME A17.1 ELEVATOR CODE.
- IF THE ELEVATOR SHAFT CONTAINS COMBUSTIBLE MATERIALS OR FLAMMABLE HYDRAULIC FLUIDS, INSTALL A SMOKE DETECTOR AT THE TOP OF THE SHAFT TO INITIATE PHASE I RECALL IN ACCORDANCE WITH ASME A17.1 ELEVATOR CODE.

WIRE KEY:

TAG	CABLE	DESCRIPTION
A	182 TWISTED FPLP	ADDRESSABLE "SLC" CIRCUIT
B	14/2 FPLP	"NAC" HORN/STROBE CIRCUIT
C	18/4 FPLP	ANNUNCIATOR CIRCUIT
D	14/2 FPLP	SOUNDER BASE POWER CIRCUIT
E	18/2 FPLP	CARBON MONOXIDE DETECTOR POWER CIRCUIT
F	14/2 FPLP	DOOR HOLDER CIRCUIT



FIRE ALARM RISER DIAGRAM

SYMBOL KEY:

SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
ANN	REMOTE ANNUNCIATOR PANEL
SNAC	POWER SUPPLY
P	PULL STATION - DOUBLE ACTION
S	SMOKE DETECTOR
SB	SMOKE DETECTOR WITH LOW FREQUENCY SOUNDER BASE
H	HEAT DETECTOR
CO	CARBON MONOXIDE DETECTOR WITH SOUNDER BASE
RM	ADDRESSABLE RELAY MODULE
MM	ADDRESSABLE SINGLE MONITOR MODULE
DH	DOOR HOLDER
AV	HORN-STROBE, CEILING MOUNT, WHITE, MULTI-CANDELA
V	STROBE, CEILING-MOUNT, WHITE, MULTI-CANDELA
AV WP	WEATHERPROOF SPRINKLER HORN/STROBE, WALL-MOUNT, RED WITH INCLUDED BACKBOX
FS	SPRINKLER WATER FLOW SWITCH
TS	SPRINKLER VALVE TAMPER SWITCH

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Russell Vinson, P.E.
2011015810
MO Certificate of Authority #000239



A Custom Engineering Company
912 Old 63 South Columbia, MO 65201
ph: 573.875.4365

PROJECT No. COL25399 DESIGNED BY RVN
DRAWN BY RAV CHECKED BY RAV

PROJECT
**HOME 2 SUITES
BY HILTON**
Village at Discovery Park Lot 2
Lee's Summit, MO

SHEET TITLE
FIRST FLOOR FIRE ALARM PLAN

SHEET NUMBER
FA1

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SECOND FLOOR FIRE ALARM PLAN

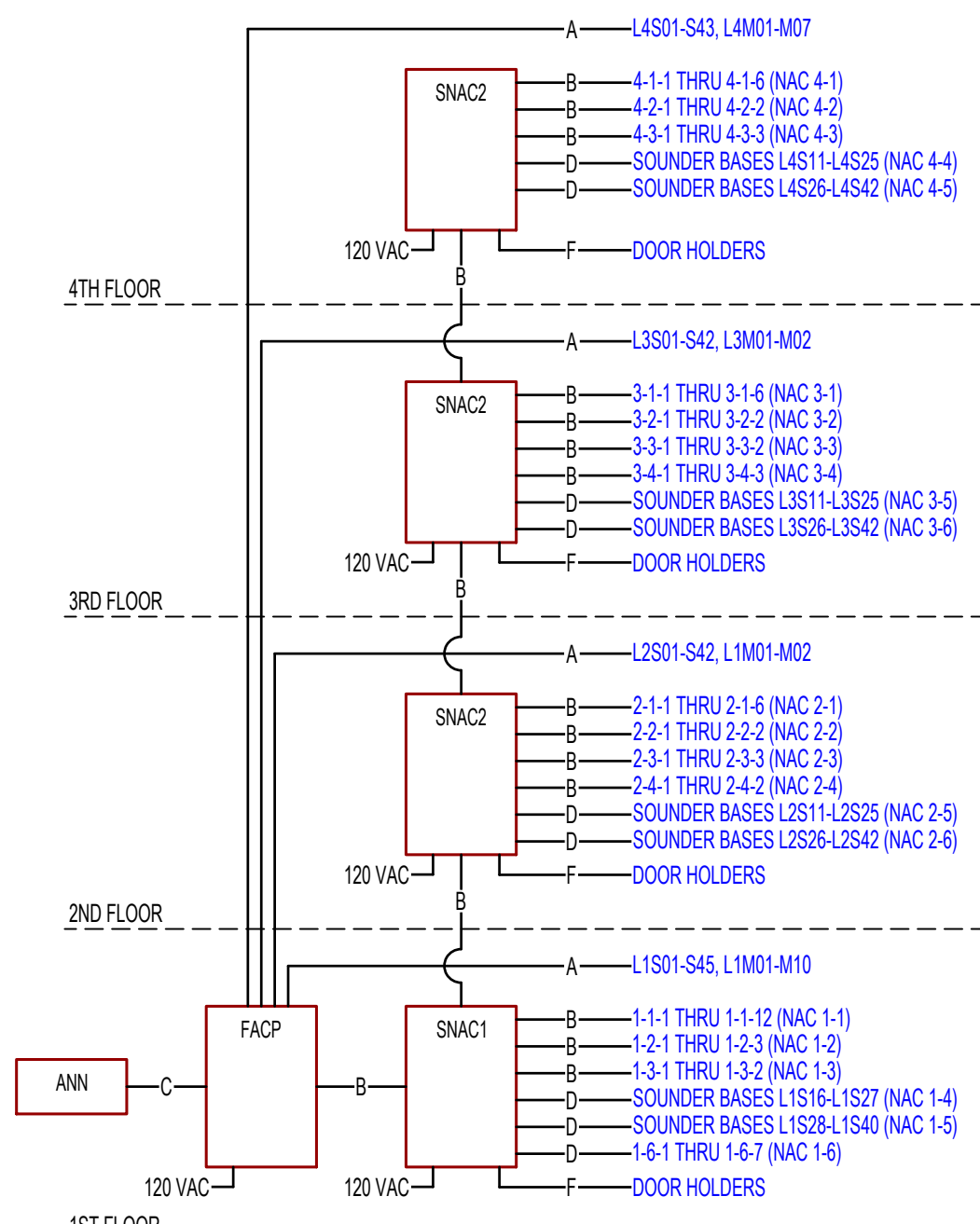
SCALE : 1/8" = 1'-0"

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WIRE KEY:

TAG	CABLE	DESCRIPTION
A	182 TWISTED FPLP	ADDRESSABLE "SLC" CIRCUIT
B	14/2 FPLP	"NAC" HORN/STROBE CIRCUIT
C	18/4 FPLP	ANNUNCIATOR CIRCUIT
D	14/2 FPLP	SOUNDER BASE POWER CIRCUIT
E	18/2 FPLP	CARBON MONOXIDE DETECTOR POWER CIRCUIT
F	14/2 FPLP	DOOR HOLDER CIRCUIT



FIRE ALARM RISER DIAGRAM

SYMBOL KEY:

SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
ANN	REMOTE ANNUNCIATOR PANEL
SNAC	POWER SUPPLY
P	PULL STATION - DOUBLE ACTION
S	SMOKE DETECTOR
SS	SMOKE DETECTOR WITH LOW FREQUENCY SOUNDER BASE
H	HEAT DETECTOR
CD	CARBON MONOXIDE DETECTOR WITH SOUNDER BASE
RM	ADDRESSABLE RELAY MODULE
MM	ADDRESSABLE SINGLE MONITOR MODULE
DH	DOOR HOLDER
AV	HORN-STROBE, CEILING MOUNT, WHITE, MULTI-CANDELA
V	STROBE, CEILING-MOUNT, WHITE, MULTI-CANDELA
AVWP	WEATHERPROOF SPRINKLER HORN/STROBE, WALL-MOUNT, RED WITH INCLUDED BACKBOX
FS	SPRINKLER WATER FLOW SWITCH
TS	SPRINKLER VALVE TAMPER SWITCH

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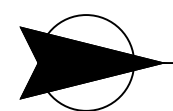
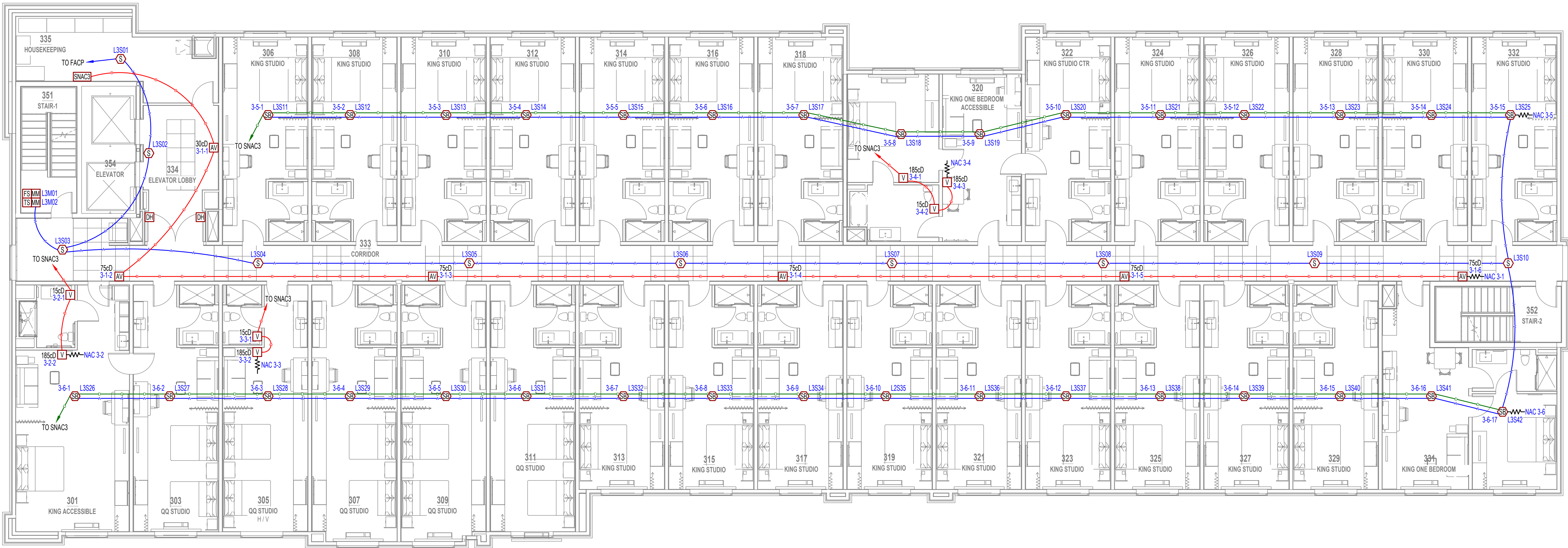
PROJECT
**HOME 2 SUITES
BY HILTON**
Village at Discovery Park Lot 2
Lee's Summit, MO

SHEET TITLE
**SECOND FLOOR FIRE ALARM
PLAN**

SHEET NUMBER
FA2

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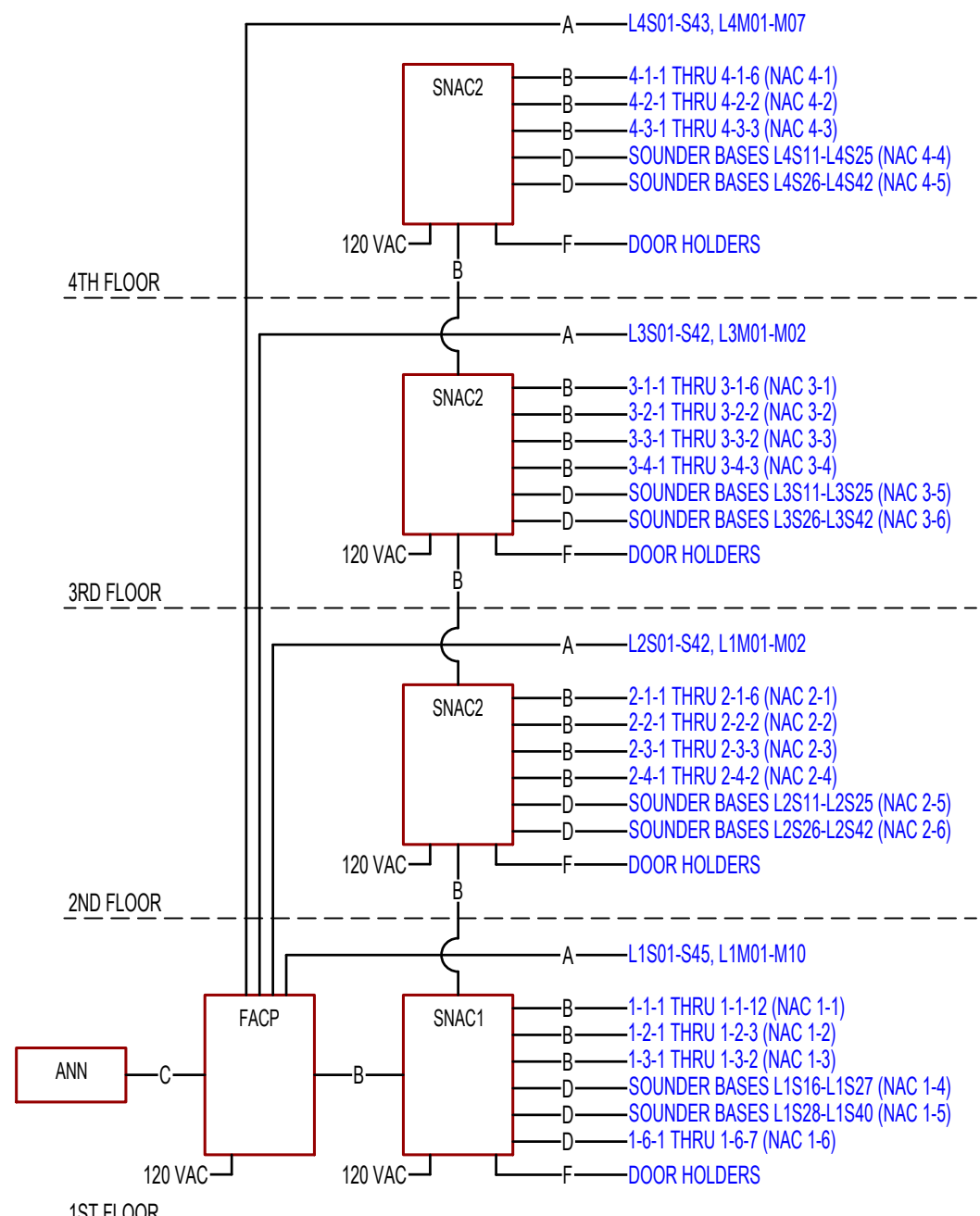
THIRD FLOOR FIRE ALARM PLAN
SCALE : 1/8" = 1'-0"

GENERAL NOTES

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WIRE KEY:

TAG	CABLE	DESCRIPTION
A	182 TWISTED FPLP	ADDRESSABLE "SLC" CIRCUIT
B	14/2 FPLP	"NAC" HORN/STROBE CIRCUIT
C	184 FPLP	ANNUNCIATOR CIRCUIT
D	14/2 FPLP	SOUNDER BASE POWER CIRCUIT
E	182 FPLP	CARBON MONOXIDE DETECTOR POWER CIRCUIT
F	14/2 FPLP	DOOR HOLDER CIRCUIT



FIRE ALARM RISER DIAGRAM

SYMBOL KEY:

SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL
	REMOTE ANNUNCIATOR PANEL
	POWER SUPPLY
	PULL STATION - DOUBLE ACTION
	SMOKE DETECTOR
	SMOKE DETECTOR WITH LOW FREQUENCY SOUNDER BASE
	HEAT DETECTOR
	CARBON MONOXIDE DETECTOR WITH SOUNDER BASE
	ADDRESSABLE RELAY MODULE
	ADDRESSABLE SINGLE MONITOR MODULE
	DOOR HOLDER
	HORN-STROBE, CEILING MOUNT, WHITE, MULTI-CANDELA
	STROBE, CEILING-MOUNT, WHITE, MULTI-CANDELA
	WEATHERPROOF SPRINKLER HORN/STROBE, WALL-MOUNT, RED WITH INCLUDED BACKBOX
	SPRINKLER WATER FLOW SWITCH
	SPRINKLER VALVE TAMPER SWITCH

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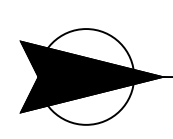
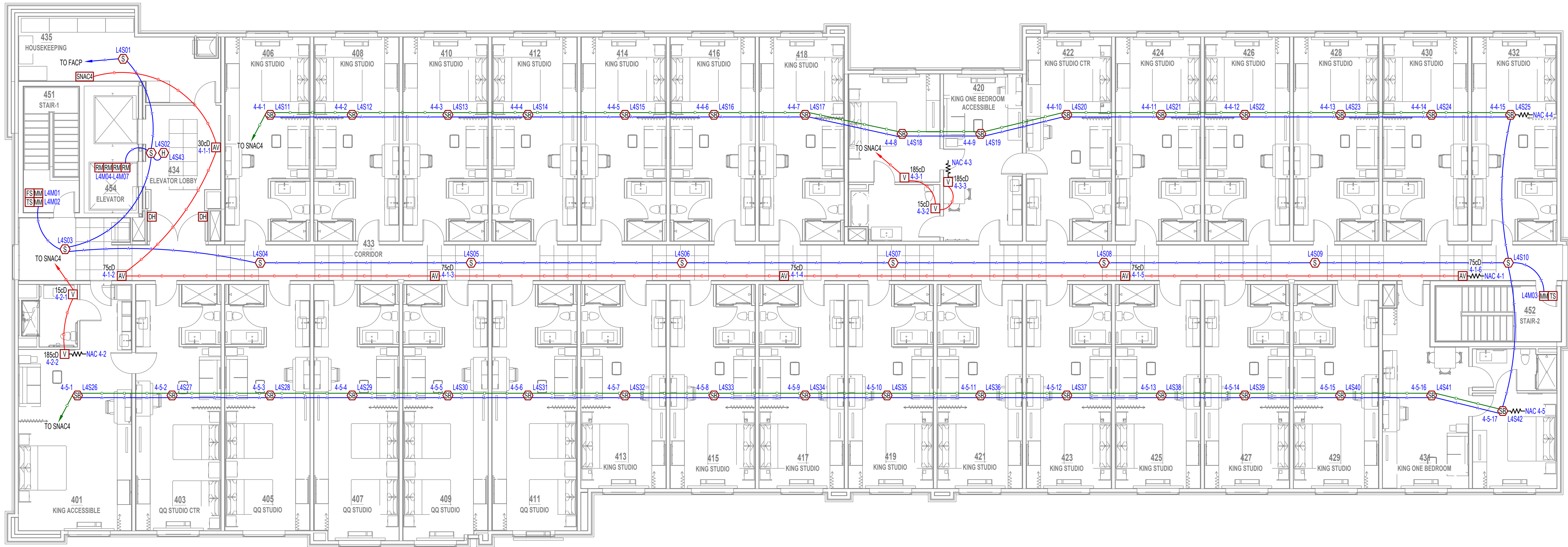
PROJECT
**HOME 2 SUITES
BY HILTON**
Village at Discovery Park Lot 2
Lee's Summit, MO

SHEET TITLE
THIRD FLOOR FIRE ALARM PLAN

SHEET NUMBER
FA3

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FOURTH FLOOR FIRE ALARM PLAN

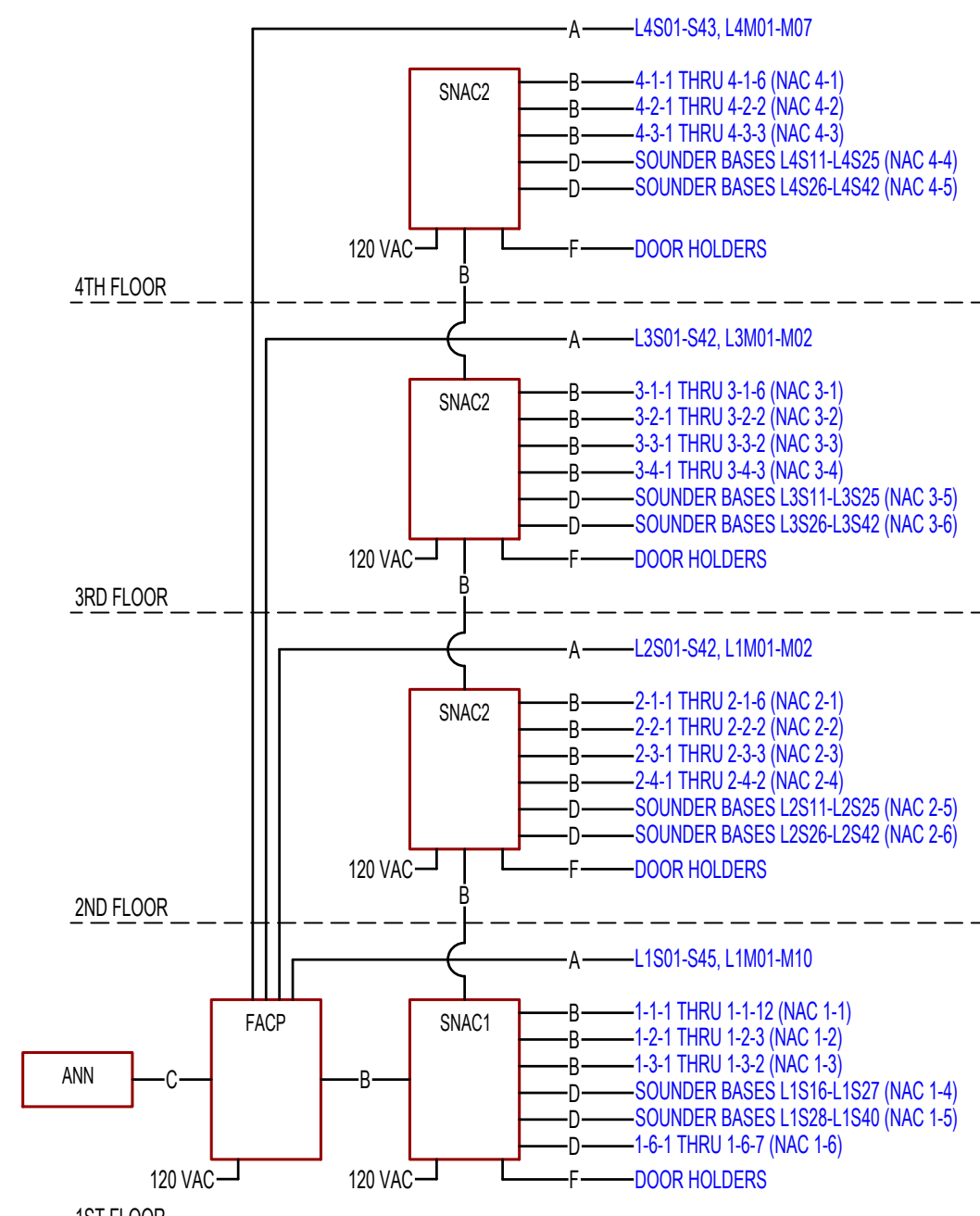
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C	184 FPLP	ANNUNCIATOR CIRCUIT
D	14/2 FPLP	SOUNDER BASE POWER CIRCUIT
E	18/2 FPLP	CARBON MONOXIDE DETECTOR POWER CIRCUIT
F	14/2 FPLP	DOOR HOLDER CIRCUIT



FIRE ALARM RISER DIAGRAM

SYMBOL KEY:

SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
ANN	REMOTE ANNUNCIATOR PANEL
SNAC	POWER SUPPLY
P	PULL STATION - DOUBLE ACTION
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SB	SMOKE DETECTOR WITH LOW FREQUENCY SOUNDER BASE
H	HEAT DETECTOR
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November 11, 2025
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DRAWN BY RAV CHECKED BY RAV

PROJECT
**HOME 2 SUITES
BY HILTON**
Village at Discovery Park Lot 2
Lee's Summit, MO

SHEET TITLE
**FOURTH FLOOR FIRE ALARM
PLAN**

SHEET NUMBER
FA4