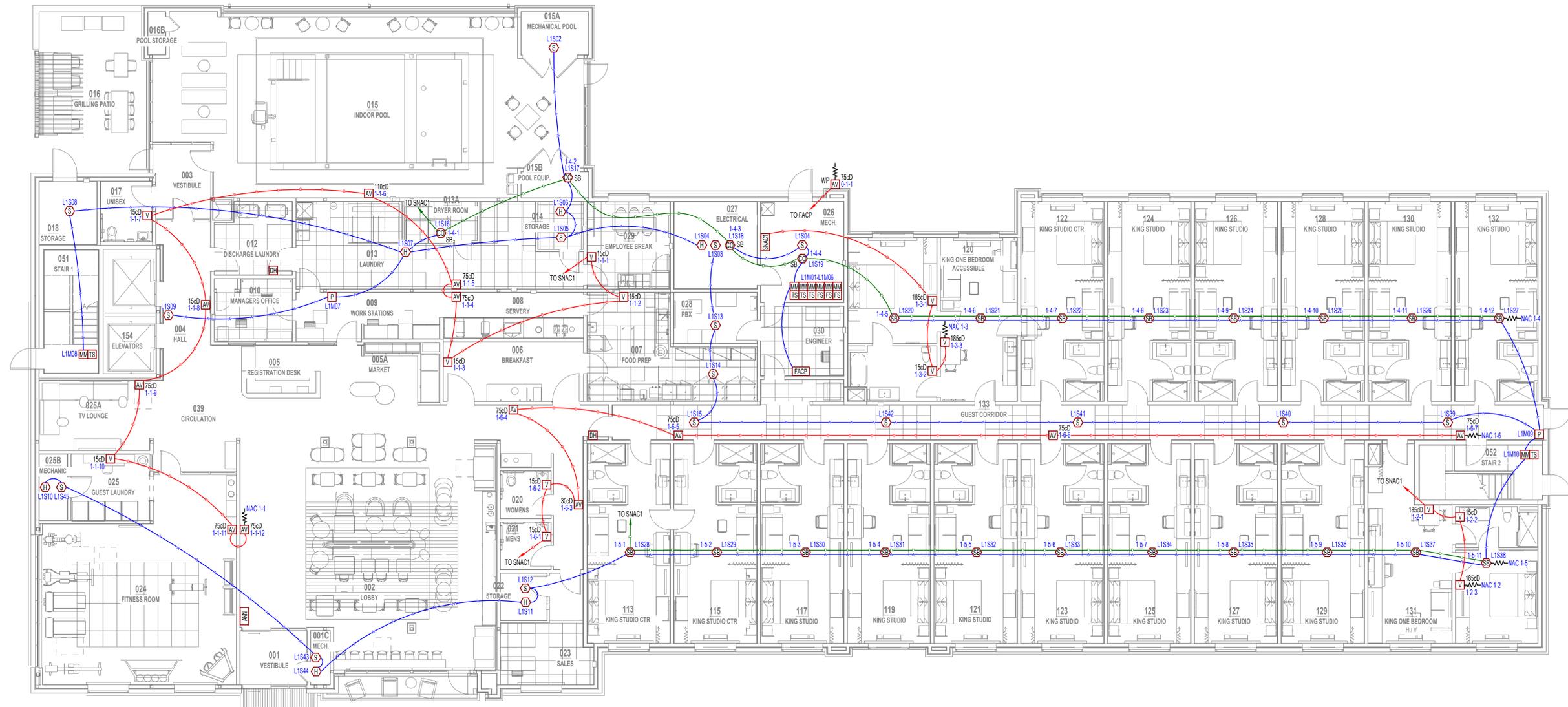


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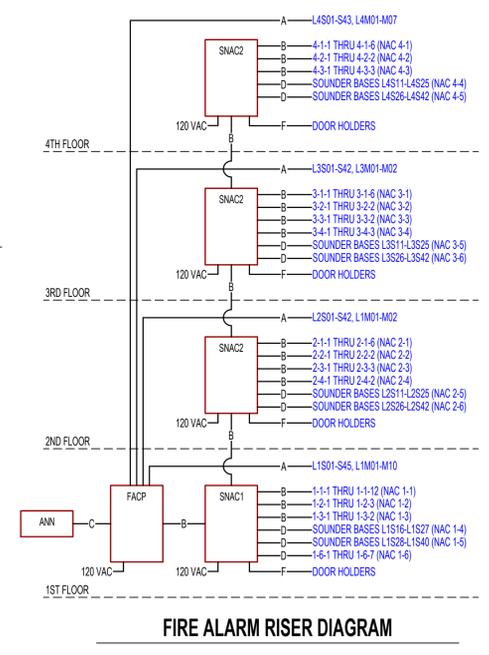
**FIRST FLOOR FIRE ALARM PLAN**  
SCALE: 1/8" = 1'-0"

**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.
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**WIRE KEY:**

TAG	CABLE	DESCRIPTION
A	182 TWISTED FFLP	ADDRESSABLE "SLC" CIRCUIT
B	142 FFLP	"NAC" HORNSTROBE CIRCUIT
C	184 FFLP	ANNUNCIATOR CIRCUIT
D	142 FFLP	SOUNDER BASE POWER CIRCUIT
E	182 FFLP	CARBON MONOXIDE DETECTOR POWER CIRCUIT
F	142 FFLP	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
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
AVWP	WEATHERPROOF SPRINKLER HORNSTROBE, WALL-MOUNT, RED WITH INCLUDED BACKBOX
FS	SPRINKLER WATER FLOW SWITCH
TS	SPRINKLER VALVE TAMPER SWITCH

THE PROFESSIONAL ENGINEER'S SEAL ON THIS DRAWING  
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A Custom Engineering Company  
912 Old 63 South Columbia, MO 65201  
ph: 573.875.4365

PROJECT No. COL25399 DESIGNED BY RN  
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**

ISSUE TITLE	DATE

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

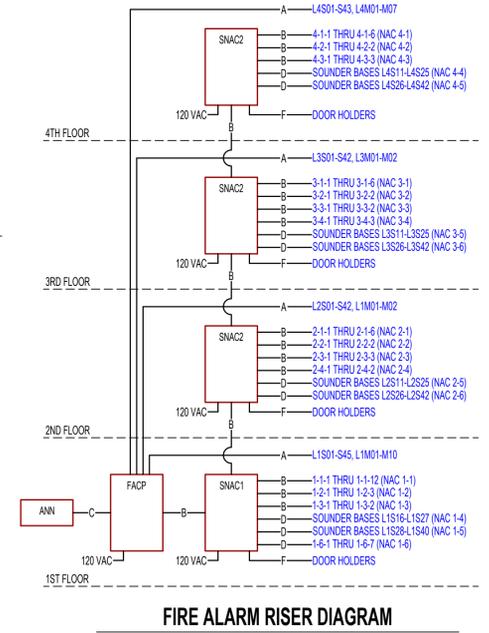


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**WIRE KEY:**

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C	184 FPLP	ANNUNCIATOR CIRCUIT
D	142 FPLP	SOUNDER BASE POWER CIRCUIT
E	182 FPLP	CARBON MONOXIDE DETECTOR POWER CIRCUIT
F	142 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 HORNSTROBE, WALL-MOUNT, RED WITH INCLUDED BACKBOX
FS	SPRINKLER WATER FLOW SWITCH
TS	SPRINKLER VALVE TAMPER SWITCH

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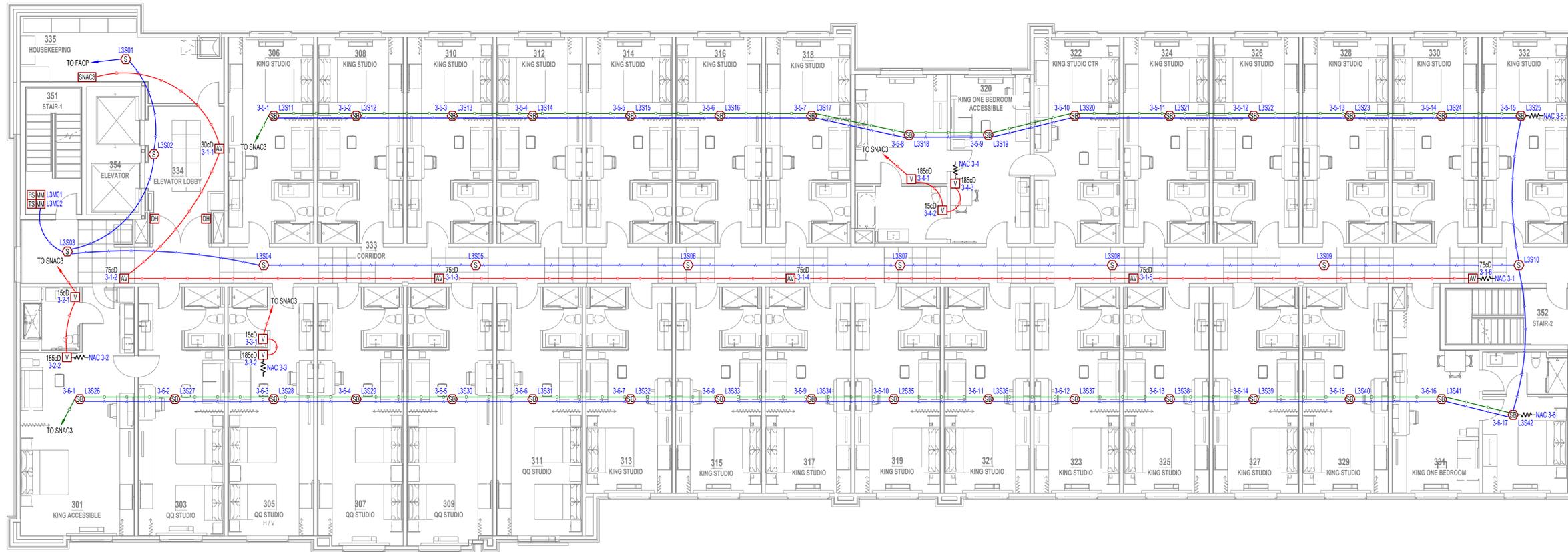
PROJECT  
**HOME 2 SUITES BY HILTON**  
Village at Discovery Park Lot 2  
Lee's Summit, MO

SHEET TITLE  
**SECOND FLOOR FIRE ALARM PLAN**

SHEET NUMBER  
**FA2**

ISSUE TITLE	DATE

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

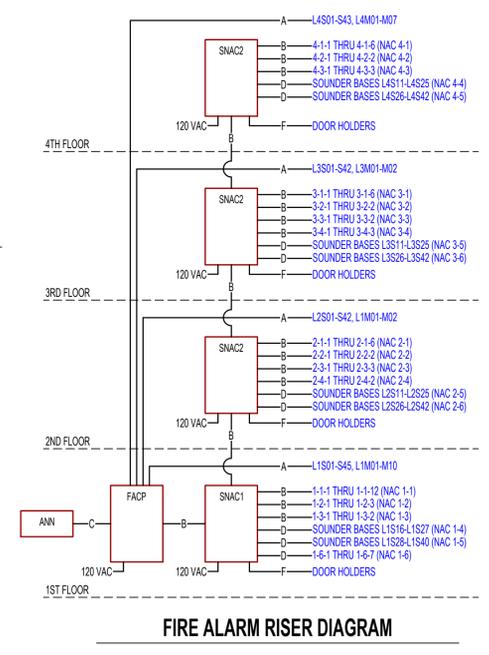


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E	182 FPLP	CARBON MONOXIDE DETECTOR POWER CIRCUIT
F	142 FPLP	DOOR HOLDER CIRCUIT



**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
[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
[AVWP]	WEATHERPROOF SPRINKLER HORNSTROBE, WALL-MOUNT, RED WITH INCLUDED BACKBOX
[FS]	SPRINKLER WATER FLOW SWITCH
[TS]	SPRINKLER VALVE TAMPER SWITCH

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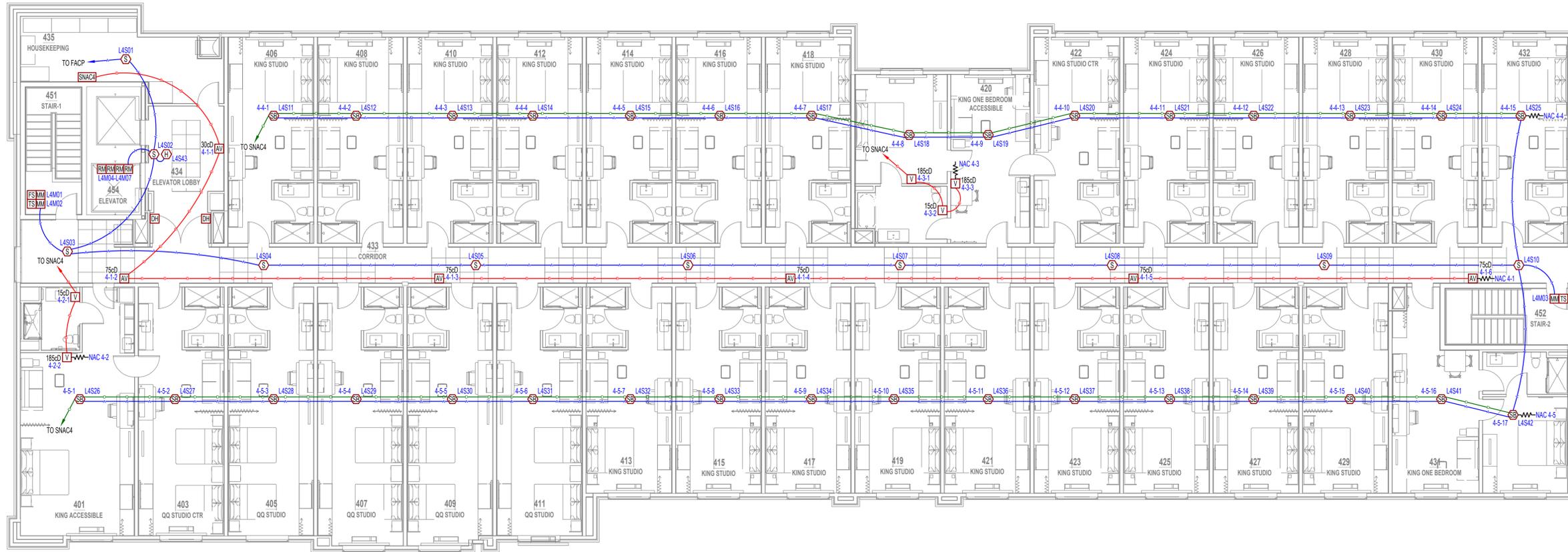
PROJECT  
**HOME 2 SUITES BY HILTON**  
Village at Discovery Park Lot 2  
Lee's Summit, MO

SHEET TITLE  
**THIRD FLOOR FIRE ALARM PLAN**

SHEET NUMBER  
**FA3**

ISSUE TITLE	DATE

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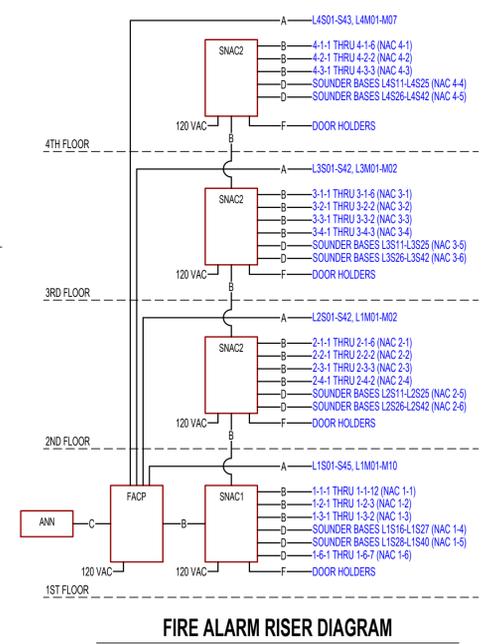
**FOURTH FLOOR FIRE ALARM PLAN**  
SCALE: 1/8" = 1'-0"

**GENERAL NOTES**

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F	142 FPLP	DOOR HOLDER CIRCUIT



**FIRE ALARM RISER DIAGRAM**

**SYMBOL KEY:**

SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL
ANN	REMOTE ANNUNCIATOR PANEL
SNAC	POWER SUPPLY
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S	SMOKE DETECTOR
SS	SMOKE DETECTOR WITH LOW FREQUENCY SOUNDER BASE
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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**