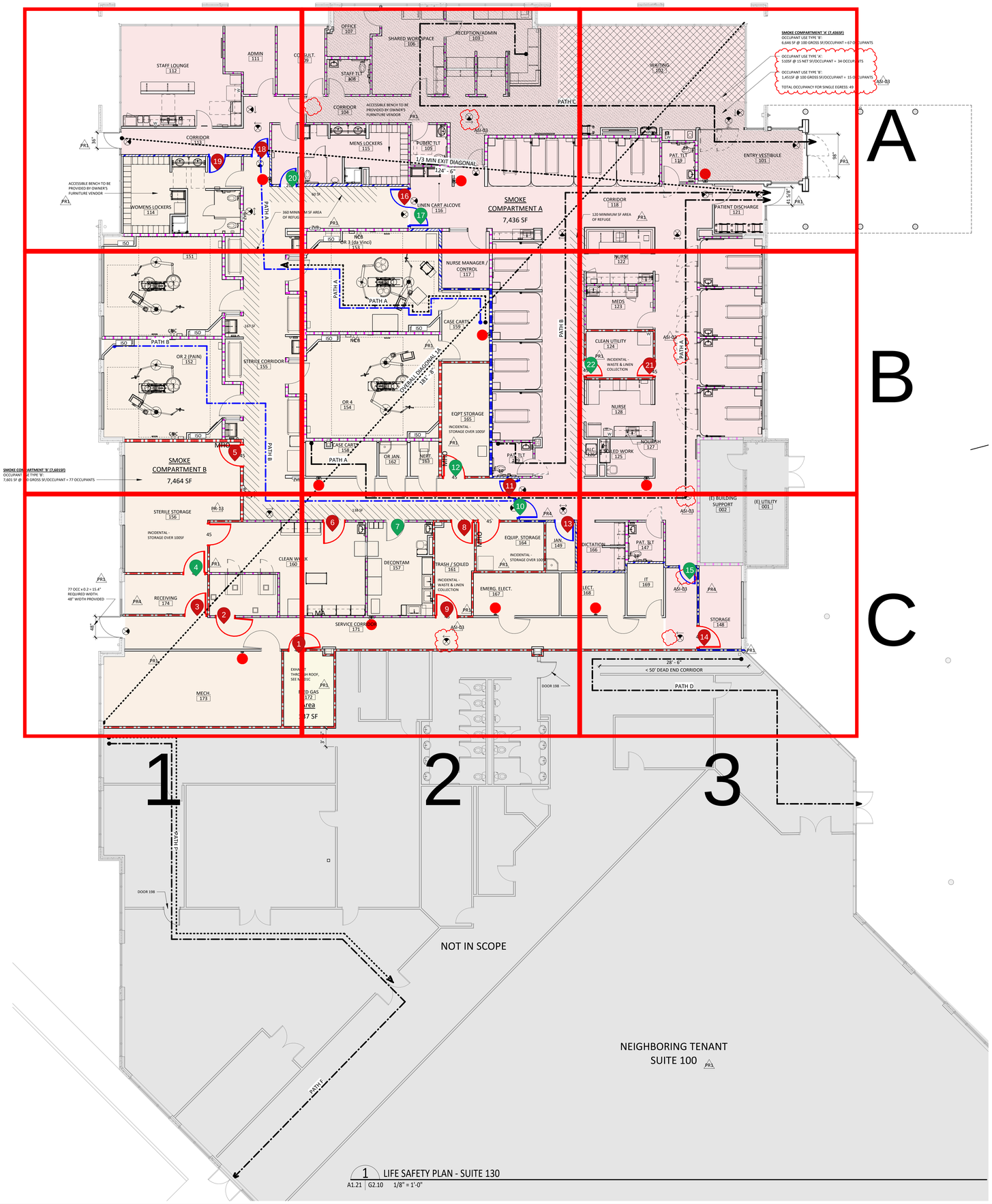


1 LIFE SAFETY PLAN - SUITE 130
A1.21 | G2.10 1/8" = 1'-0"

SMOKE COMPARTMENT 'A' (7,436SF)
OCCUPANT USE TYPE 'B':
6,646 SF @ 100 GROSS SF/OCCUPANT = 67 OCCUPANTS
OCCUPANT USE TYPE 'A':
5105F @ 15 NET SF/OCCUPANT = 34 OCCUPANTS
OCCUPANT USE TYPE 'B':
1,4515F @ 100 GROSS SF/OCCUPANT = 15 OCCUPANTS
TOTAL OCCUPANCY FOR SINGLE EGRESS: 49
ASI-03

SMOKE COMPARTMENT 'B' (7,601SF)
OCCUPANT USE TYPE 'B':
7,601 SF @ 100 GROSS SF/OCCUPANT = 77 OCCUPANTS

CODE SUMMARY

	IBC 2015	NFPA 101 2012
OCCUPANCY TYPE:	B- BUSINESS OCCUPANCY	NEW AMBULATORY HEALTHCARE (CH.20)
CONSTRUCTION TYPE:	TYPE IIB, FULLY SPRINKLERED	TYPE II (000) FULLY SPRINKLERED
OCCUPANCY SEPARATIONS:	NOT REQUIRED (ALL B)	1HR (B TO AMBULATORY)
PRIMARY STRUCTURAL FRAME:	0 HR	0 HR
EXTERIOR BEARING WALLS:	0 HR	0 HR
INTERIOR BEARING WALLS:	0 HR	0 HR
EXTERIOR NON-BEARING WALLS:	0 HR	0 HR
INTERIOR NON-BEARING WALLS:	0 HR	N/A
ROOF CONSTRUCTION:	0 HR	0 HR
SMOKE COMPARTMENTS:	TWO PROVIDED: 22,500SF MAX	TWO PROVIDED: 22,500SF MAX
NUMBER OF EXITS:	MIN TWO EXITS PROVIDED	MIN TWO EXITS PROVIDED
HAZARDOUS AREA/INCIDENTAL USE:	1 HR @ STORAGE OVER 100 SF & WASTE/LINEN ROOMS WITH CONTAINERS >10CF	SMOKE PROTECTION @ HAZ. AREAS
EXIT SEPARATION:	1/3 OVERALL DIAGONAL (SPRINKLERED)	1/3 OVERALL DIAGONAL (SPRINKLERED)
EXIT CORRIDOR WIDTH:	44" MIN 72" AT STRETCHER TRAFFIC	44" MIN
INTERIOR FINISHES:	CLASS A OR CLASS B IN EXITS	CLASS A OR B IN EXIT CORRIDORS
COMMON PATH OF TRAVEL:	SEE COMMON PATH OF TRAVEL TABLE BELOW	SEE COMMON PATH OF TRAVEL TABLE BELOW
EGRESS DISTANCE:	SEE EGRESS DISTANCE TABLE BELOW	SEE EGRESS DISTANCE TABLE BELOW
DEAD-END CORRIDOR:	SEE DEAD-END CORRIDOR TABLE BELOW	SEE DEAD-END CORRIDOR TABLE BELOW
SMOKE COMPARTMENT TRAVEL:	SEE SMOKE COMPARTMENT TABLE BELOW	SEE SMOKE COMPARTMENT TABLE BELOW

LIFE SAFETY GENERAL NOTES

1. THIS SHEET MUST BE PRINTED IN COLOR
2. SEE THE COVER SHEET FOR CODE DATA & DEFERRED SUBMITTALS
3. ALL EGRESS ROUTES ARE ACCESSIBLE EGRESS ROUTES

OCCUPANT LOAD

SMOKE COMPARTMENT 'A' (7,436SF)
OCCUPANT USE TYPE 'B':
6,646 SF @ 100 GROSS SF/OCCUPANT = 67 OCCUPANTS
OCCUPANT USE TYPE 'A':
510SF @ 15 NET SF/OCCUPANT = 34 OCCUPANTS
ASI-03

SMOKE COMPARTMENT 'B' (7,601SF)
OCCUPANT USE TYPE 'B':
7,601 SF @ 100 GROSS SF/OCCUPANT = 77 OCCUPANTS

TOTAL OCCUPANT LOAD
178 OCCUPANTS

PARTITION TYPES LEGEND

EXISTING
- (E) EXISTING PARTITION
- (E) EXISTING 1 HOUR RATED PARTITION
- (E) EXISTING 2 HOUR RATED PARTITION

NON RATED
- TYPICAL PARTITION (NON RATED)
- SOUND PARTITIONS (NON RATED)
- CMU PARTITION (NON RATED)

1 HOUR RATED
- 1 HOUR FIRE BARRIER - UL ASSEMBLY U465
- 1 HOUR RATED PARTITION - UL ASSEMBLY U465
- 1 HOUR FIRE/SMOKE BARRIER - UL ASSEMBLY U465
- 1 HOUR SMOKE BARRIER - UL ASSEMBLY U465

PR1

DOOR LEGEND

GRAPHIC	DESCRIPTION
	90 MINUTE DOOR
	60 MINUTE DOOR
	45 MINUTE DOOR
	20 MINUTE DOOR

SYMBOLS

- FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET
- EXIT LIGHT FIXTURE (ARROW INDICATES DIRECTION OF EXIT)
- MAGNETIC HOLD OPEN
- ROUTE "X" — EXIT ACCESS WITH MAX TRAVEL DISTANCE
- COMMON PATH
- EXIT ACCESS WITH MAX TRAVEL DISTANCE

ASI-03

EGRESS - EXIT ACCESS PATH

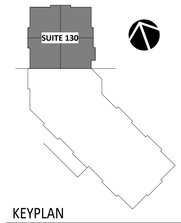
PATH	LENGTH
PATH A	154' - 11"
PATH B	150' - 3"
PATH C	124' - 3"
PATH D	107' - 6"
PATH F	146' - 3"

EGRESS - COMMON PATH

PATH	LENGTH
PATH A	56' - 0"
PATH F	95' - 5"

EGRESS - DISTANCE TO SMOKE COMPARTMENT

PATH	LENGTH
PATH A	80' - 7"
PATH B	107' - 3"



KEYPLAN

BOULDER ASSOCIATES
1426 PEARL STREET, SUITE 300
BOULDER, COLORADO 80302
303.499.7795

PROJECT 225440.00

HCA NORTH SPRINGS SURGICAL CENTER

9925 FEDERAL DR
SUITE 130
COLORADO SPRINGS, CO 80921

CONSTRUCTION DOCUMENTS

DATE 09/29/2022

REVISIONS

#	DESCRIPTION	DATE
PR1	CITY COMMENTS 1	12/01/22
PR4	OWNER CHANGES	01/31/23
PR-13	CLEAN WORK REVISIONS	09/15/23
ASI-03	LIFE SAFETY CORRECTIONS	05/17/24

STATE OF COLORADO
JAMES E. LENHART
B-3261
5-17-2024
LICENSED ARCHITECT

SHEET TITLE

LIFE SAFETY PLAN

SHEET NUMBER

G2.10

©BOULDER ASSOCIATES