



EDUCATIONAL RESOURCES

Anatomy of a Life Safety Drawing

Presented by PROEDGE FM



ACUTE CARE HOSPITAL



CRITICAL ACCESS HOSPITAL



ACHCU IS A BRAND OF ACCREDITATION COMMISSION *for* HEALTH CARE



Anatomy of a Life Safety Drawing

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Anatomy of a Life Safety Drawing

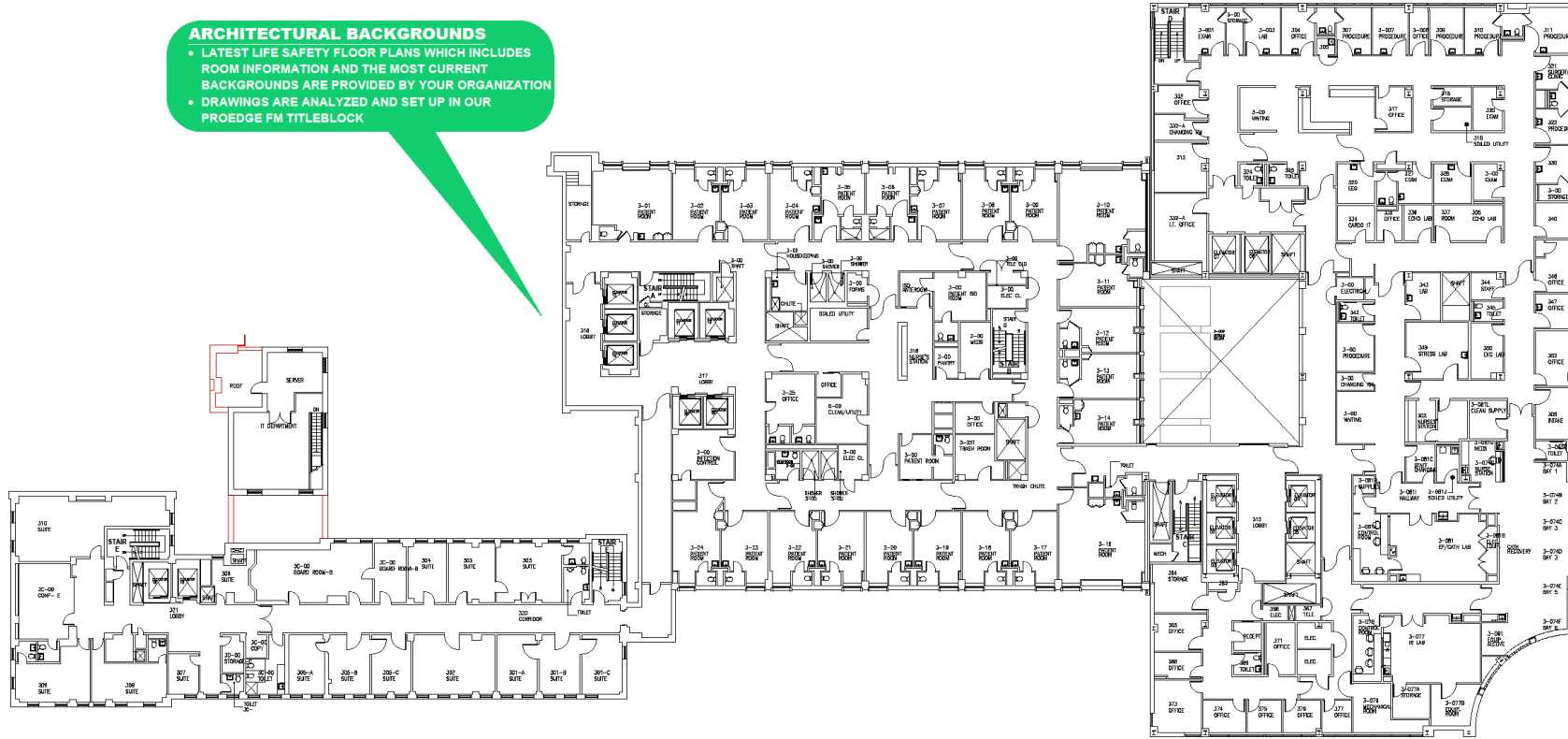
■ General Life Safety Drawing Requirements

- The [organization] maintains current and accurate drawings denoting features of fire safety and related square footage.
 - Fire safety features include the following:
 - Areas of the building that are fully sprinklered (if the building is partially sprinklered)
 - Locations of all hazardous storage areas
 - Locations of all fire-rated barriers
 - Locations of all smoke-rated barriers
 - Sleeping and non-sleeping suite boundaries, including the size of the identified suites
 - Locations of designated smoke compartments
 - Locations of chutes and shafts
 - Any approved equivalencies or waivers



ARCHITECTURAL BACKGROUNDS

- LATEST LIFE SAFETY FLOOR PLANS WHICH INCLUDES ROOM INFORMATION AND THE MOST CURRENT BACKGROUNDS ARE PROVIDED BY YOUR ORGANIZATION
- DRAWINGS ARE ANALYZED AND SET UP IN OUR PROEDGE FM TITLEBLOCK



LATEST ARCHITECTURAL BACKGROUNDS PROVIDED BY YOUR ORGANIZATION

LIFE SAFETY DRAWING LEGEND	SCHEDULES AND NOTES	COMPARTMENT KEY PLAN	LIFE SAFETY DRAWING		
			FACILITY: HEALTHCARE NETWORK HOSPITAL NAME	SCALE: NTS	DATE: 02-27-2025
			ADDRESS: Street City, State Zip Code	FLOOR: 3RD FLOOR	
			HOSPITAL LOGO	DRAWING: LS-03	

FIRE BARRIERS

- 2-HOUR FIRE RATED BARRIERS ARE ADDED TO THE DRAWINGS AS ILLUSTRATED ON THE LIFE SAFETY DRAWINGS PROVIDED BY YOUR ORGANIZATION

FIRE BARRIERS

- 1-HOUR FIRE RATED BARRIERS ARE ADDED TO THE DRAWINGS AS ILLUSTRATED ON THE LIFE SAFETY DRAWINGS PROVIDED BY YOUR ORGANIZATION

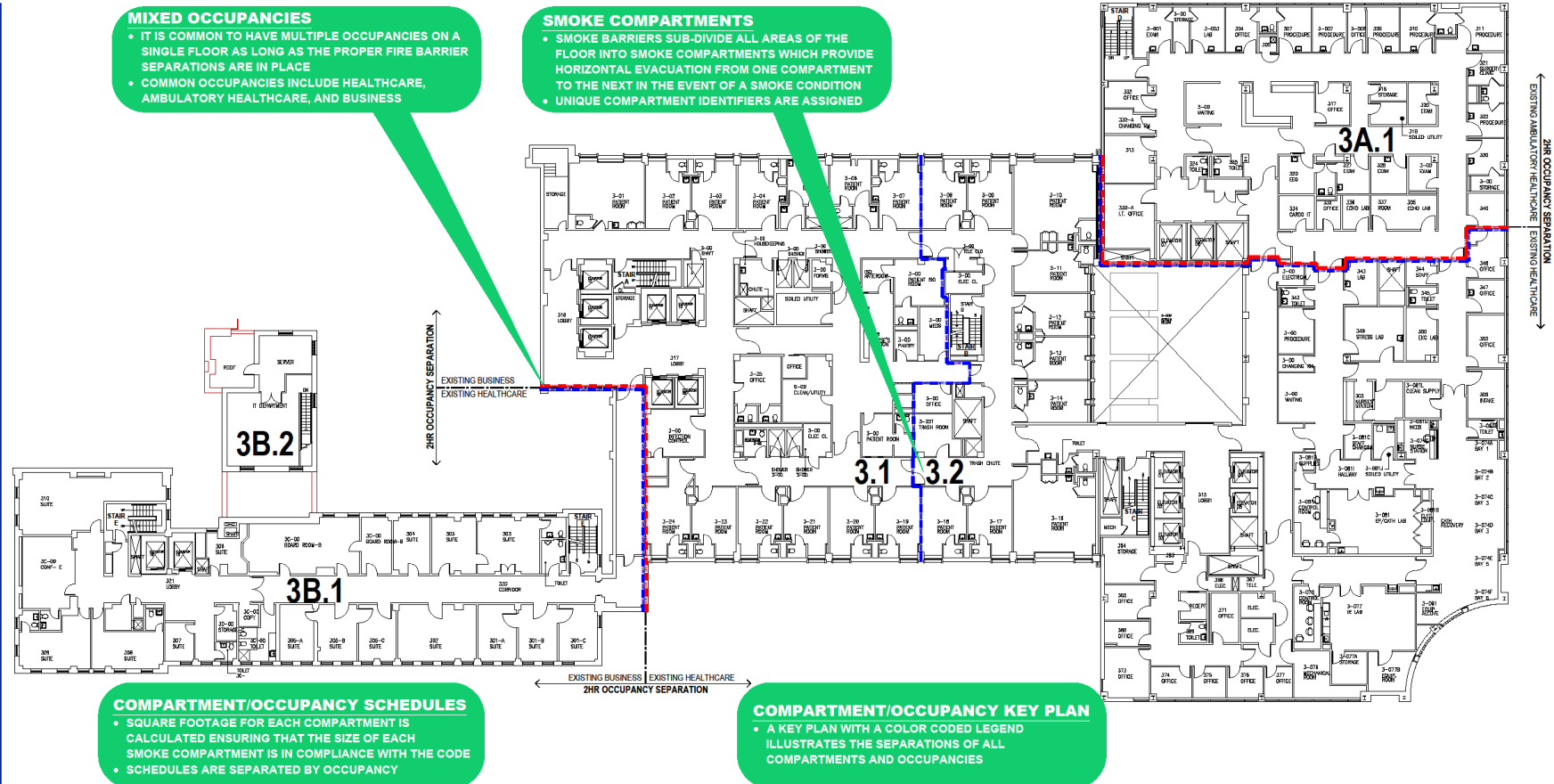


SMOKE BARRIERS

- SMOKE BARRIERS WHICH ARE USED TO SUB-DIVIDE PATIENT SLEEPING COMPARTMENTS ARE ADDED TO THE DRAWINGS AS ILLUSTRATED ON THE LIFE SAFETY DRAWINGS PROVIDED BY YOUR ORGANIZATION

LOCATIONS OF ALL FIRE AND SMOKE BARRIERS

LIFE SAFETY DRAWING LEGEND	SCHEDULES AND NOTES	COMPARTMENT KEY PLAN	LIFE SAFETY DRAWING		
<p>2-HOUR FIRE BARRIER</p> <p>1-HOUR FIRE BARRIER</p> <p>SMOKE BARRIER</p>			<p>FACILITY: HEALTHCARE NETWORK HOSPITAL NAME</p> <p>ADDRESS: Street City, State Zip Code</p> <p>SCALE: NTS</p> <p>DATE: 02-27-2025</p> <p>FLOOR: 3RD FLOOR</p> <p>DRAWING: LS-03</p>		



LOCATIONS OF ALL SMOKE COMPARTMENTS AND OCCUPANCIES

LIFE SAFETY DRAWING LEGEND		SCHEDULES AND NOTES		COMPARTMENT KEY PLAN		LIFE SAFETY DRAWING																																																						
<div><div></div> 2-HR FIRE BARRIER</div> <div><div></div> 2-HR OCCUPANCY SEPARATION</div> <div><div></div> SMOKE BARRIER</div>	3.1	<div>3RD FLOOR - EXISTING HEALTHCARE OCCUPANCY</div> <table><thead><tr><th>COMPARTMENT ID</th><th>COMPARTMENT SQ. FT.</th><th>OCCUPANCY</th><th>SPRINKLER</th><th>AREA USE</th></tr></thead><tbody><tr><td>3.1</td><td>11,115</td><td>33</td><td>PARTIAL</td><td>PATIENT SLEEPING</td></tr><tr><td>3.2</td><td>17,289</td><td>145</td><td>FULL</td><td>PATIENT SLEEPING</td></tr><tr><td>TOTAL</td><td>28,404</td><td>238</td><td></td><td></td></tr></tbody></table> <div>3RD FLOOR - EXISTING AMBULATORY HEALTHCARE OCCUPANCY</div> <table><thead><tr><th>COMPARTMENT ID</th><th>COMPARTMENT SQ. FT.</th><th>OCCUPANCY</th><th>SPRINKLER</th><th>AREA USE</th></tr></thead><tbody><tr><td>3B.1</td><td>3,328</td><td>63</td><td>FULL</td><td>TREATMENT</td></tr><tr><td>TOTAL</td><td>3,328</td><td>63</td><td></td><td></td></tr></tbody></table>	COMPARTMENT ID	COMPARTMENT SQ. FT.	OCCUPANCY	SPRINKLER	AREA USE	3.1	11,115	33	PARTIAL	PATIENT SLEEPING	3.2	17,289	145	FULL	PATIENT SLEEPING	TOTAL	28,404	238			COMPARTMENT ID	COMPARTMENT SQ. FT.	OCCUPANCY	SPRINKLER	AREA USE	3B.1	3,328	63	FULL	TREATMENT	TOTAL	3,328	63			<div>3RD FLOOR - EXISTING BUSINESS OCCUPANCY</div> <table><thead><tr><th>COMPARTMENT ID</th><th>COMPARTMENT SQ. FT.</th><th>OCCUPANCY</th><th>SPRINKLER</th><th>AREA USE</th></tr></thead><tbody><tr><td>3B.1</td><td>14,275</td><td>142</td><td>PARTIAL</td><td>BUSINESS USE</td></tr><tr><td>3B.2</td><td>758</td><td>8</td><td>NON</td><td>BUSINESS USE</td></tr><tr><td>TOTAL</td><td>15,033</td><td>150</td><td></td><td></td></tr></tbody></table>	COMPARTMENT ID	COMPARTMENT SQ. FT.	OCCUPANCY	SPRINKLER	AREA USE	3B.1	14,275	142	PARTIAL	BUSINESS USE	3B.2	758	8	NON	BUSINESS USE	TOTAL	15,033	150			<div>OCCUPANCY LEGEND:</div> <div><div></div> BUSINESS</div> <div><div></div> HEALTHCARE</div> <div><div></div> AMBULATORY HEALTHCARE</div> <div>3B.2</div> <div>3B.1</div> <div>3.1</div> <div>3.2</div> <div></div>	<div>FACILITY:</div> <div>HEALTHCARE NETWORK</div> <div>HOSPITAL NAME</div> <div>ADDRESS:</div> <div>Street</div> <div>City, State Zip Code</div> <div>HOSPITAL LOGO</div> <div>SCALE:</div> <div>NTS</div> <div>DATE:</div> <div>02-27-2025</div> <div>FLOOR:</div> <div>3RD FLOOR</div> <div>DRAWING:</div> <div>LS-03</div>
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ELEVATORS

- 2-HOUR FIRE RATED IF GREATER THAN 4 STORIES
- 1-HOUR FIRE RATED IF 3 STORIES OR LESS

EXIT STAIRWELLS

- 2-HOUR FIRE RATED EXIT STAIRWELLS PROVIDE VERTICAL EVACUATION FROM UPPER FLOORS DOWN TO THE LEVEL OF DISCHARGE ON THE GROUND FLOOR
- 1-HOUR FIRE RATED IF 3 STORIES OR LESS

SHAFTS AND CHUTES

- 2-HOUR FIRE SHAFTS AND CHUTES RUN VERTICALLY THROUGHOUT THE BUILDING
- 1-HOUR FIRE RATED IF 3 STORIES OR LESS



LOCATIONS OF RATED STAIRWELLS, ELEVATORS, SHAFTS, AND CHUTES

LIFE SAFETY DRAWING LEGEND		SCHEDULES AND NOTES	COMPARTMENT KEY PLAN	LIFE SAFETY DRAWING	
2-HOUR FIRE BARRIER EXIT STAIRWELL LINEN/TRASH CHUTE				FACILITY:	HEALTHCARE NETWORK HOSPITAL NAME
				ADDRESS:	Street City, State Zip Code
				SCALE:	NTS
				DATE:	02-27-2025
				FLOOR:	3RD FLOOR
				DRAWING:	LS-03





SPRINKLER COVERAGE

- COMPARTMENT SCHEDULES NOTE WHETHER A SMOKE COMPARTMENT IS FULLY, PARTIALLY, OR NON SPRINKLERED

SPRINKLER COVERAGE

- BLUE CROSS HATCH REPRESENTS SPRINKLER COVERAGE WITHIN EACH COMPARTMENT

AREAS OF THE BUILDING THAT ARE SPRINKLERED BY COMPARTMENT




LIFE SAFETY DRAWING LEGEND		SCHEDULES AND NOTES				COMPARTMENT KEY PLAN				LIFE SAFETY DRAWING				
3.1	COMPARTMENT ID	3RD FLOOR - EXISTING HEALTHCARE OCCUPANCY				3RD FLOOR - EXISTING BUSINESS OCCUPANCY				FACILITY: HEALTHCARE NETWORK HOSPITAL NAME	SCALE: NTS	DATE: 02-27-2025		
		COMPARTMENT ID	COMPARTMENT SQ. FT.	OCCUPANCY	SPRINKLER	AREA USE	COMPARTMENT ID	COMPARTMENT SQ. FT.	OCCUPANCY				SPRINKLER	AREA USE
		3.1	11,115	33	PARTIAL	PATIENT SLEEPING	3B.1	16,275	142				PARTIAL	BUSINESS USE
		3.2	17,289	145	FULL	PATIENT SLEEPING			3B.2	795	8	NON	BUSINESS USE	
		TOTAL	28,404	238					TOTAL	17,070	150			
		3RD FLOOR - EXISTING AMBULATORY HEALTHCARE OCCUPANCY								ADDRESS: Street City, State Zip Code	DRAWING: LS-03			
		COMPARTMENT ID	COMPARTMENT SQ. FT.	OCCUPANCY	SPRINKLER	AREA USE								
		3B.1	3,338	83	FULL	TREATMENT								
		TOTAL	3,338	83							HOSPITAL LOGO			
		 SPRINKLERED AREAS												

HAZARDOUS ROOMS

- A KEY REQUIREMENT OF A LIFE SAFETY DRAWING IS TO PROVIDE LOCATIONS OF ALL HAZARDOUS ROOMS
- EXAMPLES INCLUDE SOILED UTILITY AND STORAGE ROOMS
- REQUIREMENT OF FIRE BARRIER RATINGS DEPEND ON ITS SIZE, SPRINKLER COVERAGE, AND COMBUSTIBLE LOAD

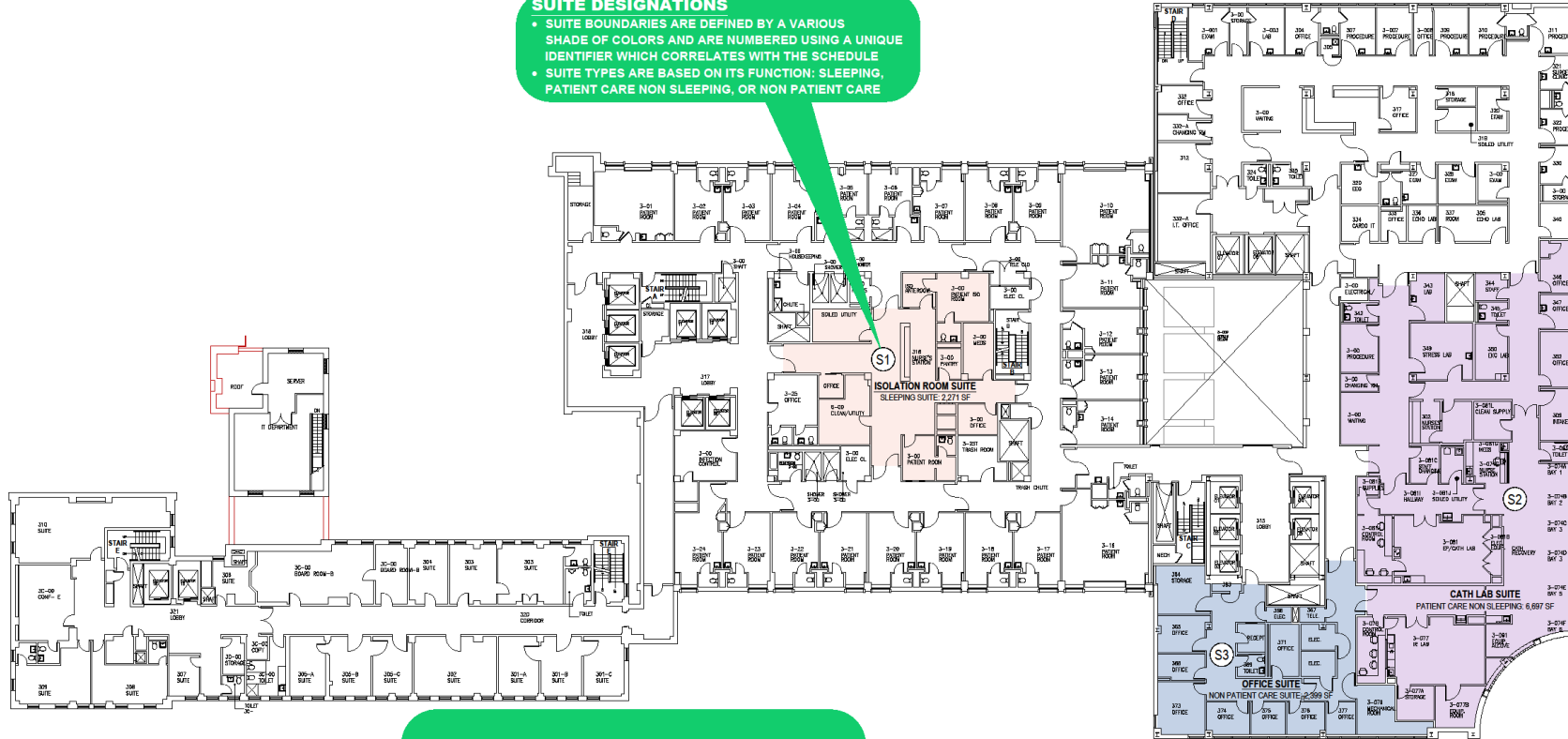


LOCATIONS OF ALL HAZARDOUS ROOMS

LIFE SAFETY DRAWING LEGEND		SCHEDULES AND NOTES		COMPARTMENT KEY PLAN		LIFE SAFETY DRAWING				
 	HAZARDOUS AREA					FACILITY: HEALTHCARE NETWORK HOSPITAL NAME		SCALE: NTS	DATE: 02-27-2025	
	HAZARDOUS AREA (MULTIPLE ROOMS)						FLOOR: 3RD FLOOR			
				ADDRESS: Street City, State Zip Code				DRAWING: LS-03		

SUITE DESIGNATIONS

- SUITE BOUNDARIES ARE DEFINED BY A VARIOUS SHADE OF COLORS AND ARE NUMBERED USING A UNIQUE IDENTIFIER WHICH CORRELATES WITH THE SCHEDULE
- SUITE TYPES ARE BASED ON ITS FUNCTION: SLEEPING, PATIENT CARE NON SLEEPING, OR NON PATIENT CARE

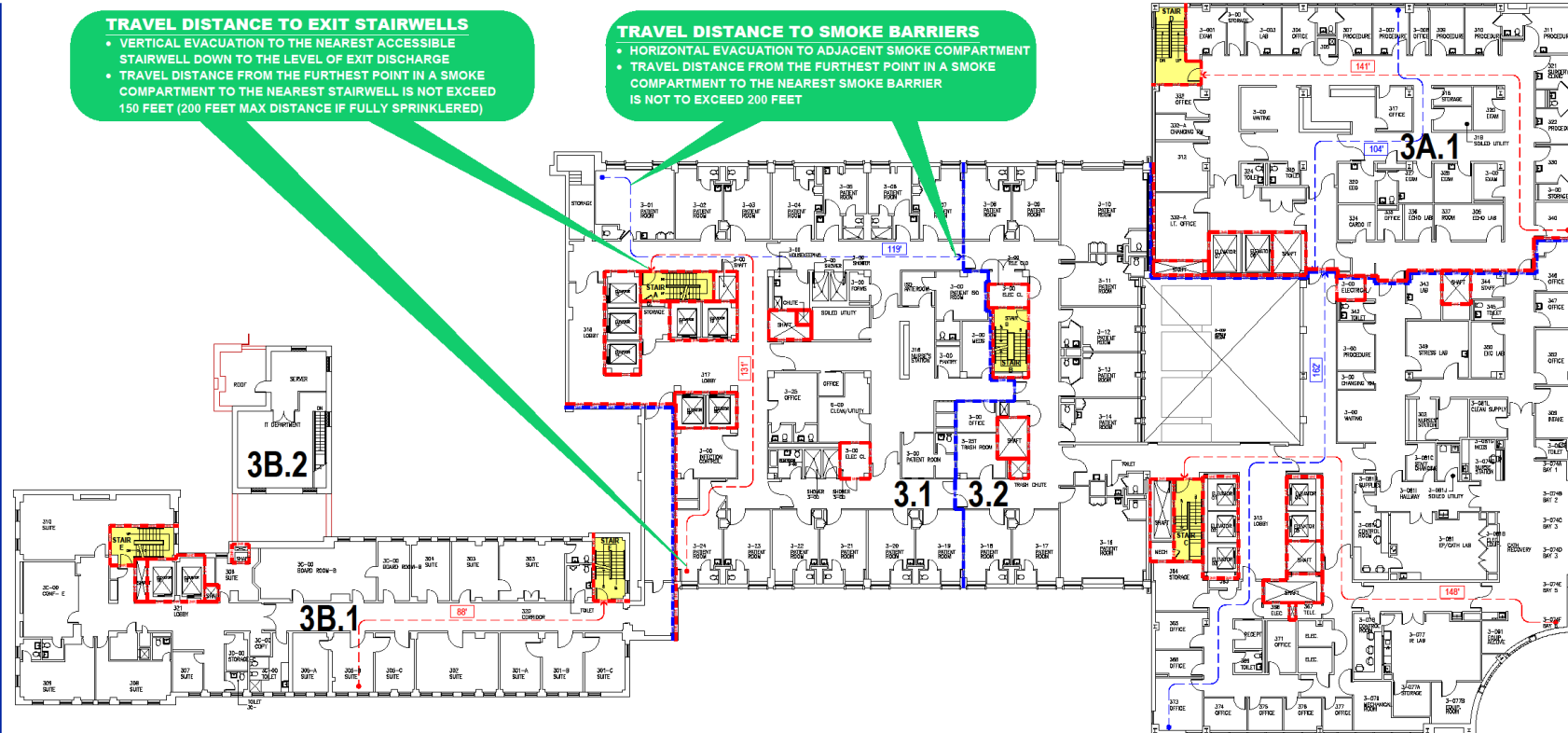


SUITE SCHEDULES

- LISTS PERTINENT INFORMATION FOR EACH SUITE: SQUARE FOOTAGE, SUITE TYPE, AND REQUIRED NUMBER OF EXITS

SUITE BOUNDARIES, INCLUDING THE SIZE AND TYPE OF THE IDENTIFIED SUITES

LIFE SAFETY DRAWING LEGEND				SCHEDULES AND NOTES				COMPARTMENT KEY PLAN				LIFE SAFETY DRAWING			
				3RD FLOOR - EXISTING HEALTHCARE OCCUPANCY				3RD FLOOR - EXISTING BUSINESS OCCUPANCY				FACILITY: HEALTHCARE NETWORK HOSPITAL NAME			
				COMPARTMENT ID	COMPARTMENT SQ. FT.	OCCUPANCY	SPRINKLER LOAD	AREA USE	COMPARTMENT ID	COMPARTMENT SQ. FT.	OCCUPANCY	SPRINKLER LOAD	AREA USE	SCALE: NTS	DATE: 02-27-2025
				3-1	11,115	83	PARTIAL	PATIENT SLEEPING	3-1	11,115	83	PARTIAL	BUSINESS USE	JOB NO:	FLOOR: 3RD FLOOR
				3-2	17,289	145	FULL	PATIENT SLEEPING	3-2	17,289	145	FULL	BUSINESS USE		
				TOTAL	28,404	228			TOTAL	28,404	228				
				3RD FLOOR - EXISTING AMBULATORY HEALTHCARE OCCUPANCY				3RD FLOOR - SUITE INFORMATION				ADDRESS: Street City, State Zip Code			
				COMPARTMENT ID	COMPARTMENT SQ. FT.	OCCUPANCY	SPRINKLER LOAD	AREA USE	SUITE ID	SUITE SQ. FT.	SUITE TYPE	REMOTE EXIT REQUIREMENTS	HOSPITAL LOGO		
				3-3	1,328	83	FULL	PATIENT SLEEPING	3-3	1,328	PATIENT CARE NON SLEEPING	1 REMOTE EXIT			
				TOTAL	1,328	83			3-4	1,328	NON PATIENT CARE	1 REMOTE EXIT			
									3-5	1,328	NON PATIENT CARE	1 REMOTE EXIT			
													DRAWING: LS-03		



TRAVEL DISTANCES TO SMOKE BARRIERS AND EXIT STAIRWELLS

LIFE SAFETY DRAWING LEGEND	SCHEDULES AND NOTES	COMPARTMENT KEY PLAN	LIFE SAFETY DRAWING	
<p>2-HR FIRE BARRIER</p> <p>1-HR FIRE BARRIER</p> <p>SMOKE BARRIER</p> <p>EXIT STAIRWELL</p> <p>3.1 COMPARTMENT ID</p> <p>Distance to Smoke Barrier</p> <p>Distance to Exit</p>			<p>FACILITY: HEALTHCARE NETWORK HOSPITAL NAME</p> <p>ADDRESS: Street City, State Zip Code</p> <p>SCALE: NTS</p> <p>DATE: 02-27-2025</p> <p>JOB NO: 3RD FLOOR</p> <p>DRAWING: LS-03</p>	

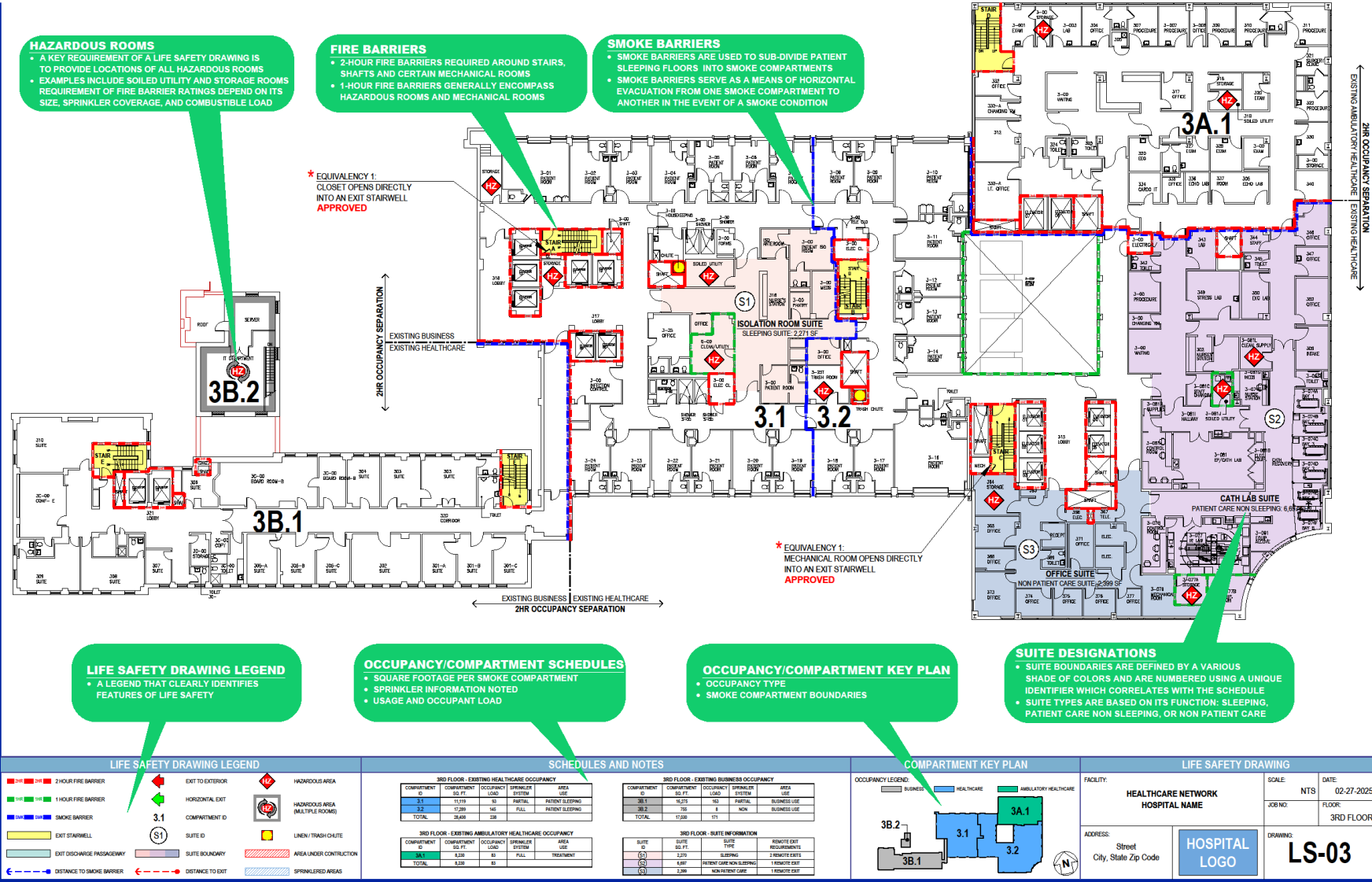
- ALL EQUIVALENCIES AND WAIVERS ARE NOTED ON THE DRAWINGS

* **EQUIVALENCY 1:**
CLOSET OPENS DIRECTLY
INTO AN EXIT STAIRWELL
APPROVED

* EQUIVALENCY 1:
MECHANICAL ROOM OPENS DIRECTLY
INTO AN EXIT STAIRWELL
APPROVED

APPROVED EQUIVALENCIES OR WAIVERS

LIFE SAFETY DRAWING LEGEND		SCHEDULES AND NOTES		COMPARTMENT KEY PLAN		LIFE SAFETY DRAWING			
						FACILITY: <div>HEALTHCARE NETWORK HOSPITAL NAME</div>		SCALE: NTS	DATE: 02-27-2025
						JOB NO:		FLOOR: 3RD FLOOR	
						ADDRESS: Street City, State Zip Code		DRAWING: <div>HOSPITAL LOGO</div>	
								LS-03	



Questions?





EDUCATIONAL RESOURCES

Thank you

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