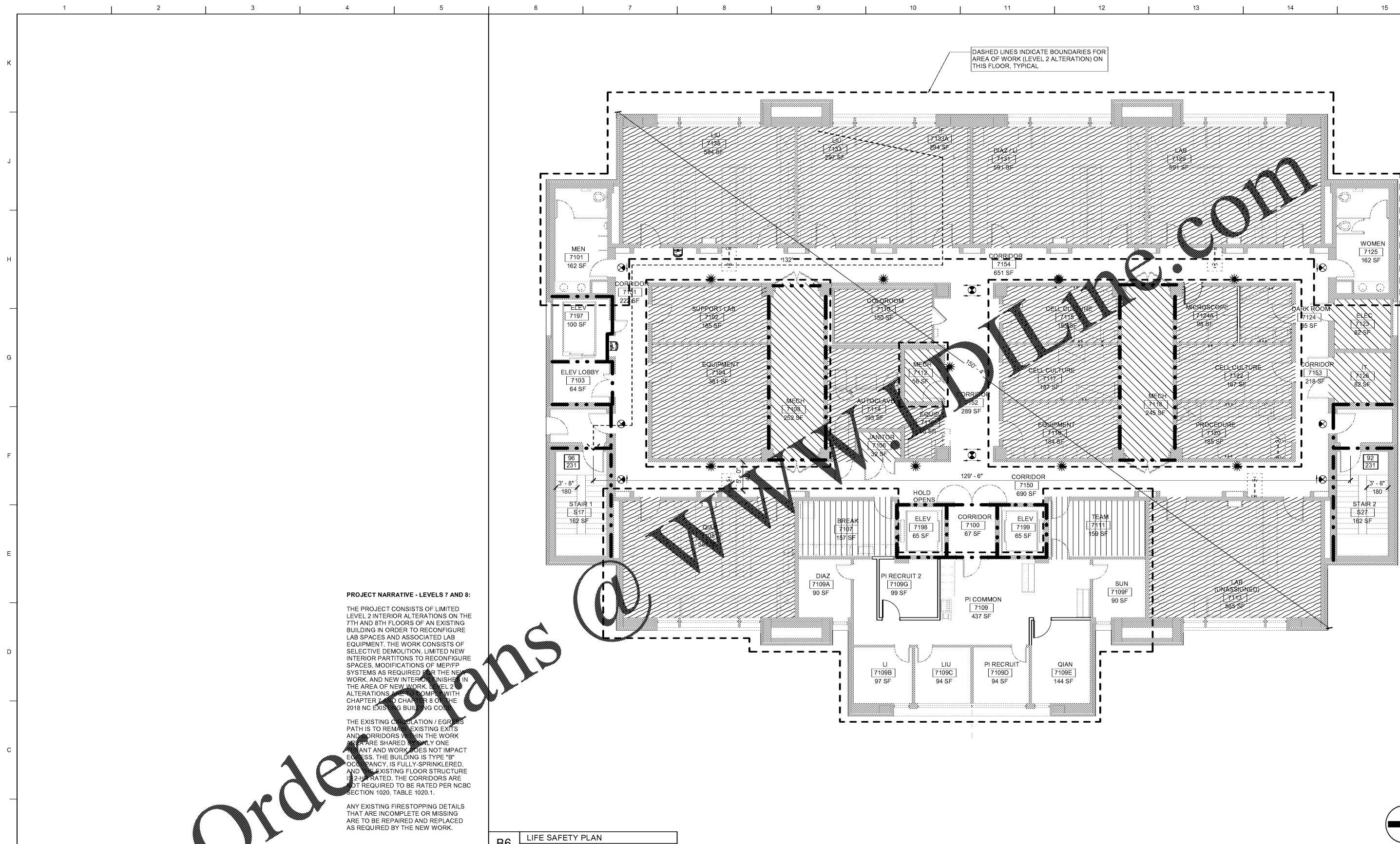


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DASHED LINES INDICATE BOUNDARIES FOR AREA OF WORK (LEVEL 2 ALTERATION) ON THIS FLOOR, TYPICAL

**PROJECT NARRATIVE - LEVELS 7 AND 8:**  
THE PROJECT CONSISTS OF LIMITED LEVEL 2 INTERIOR ALTERATIONS ON THE 7TH AND 8TH FLOORS OF AN EXISTING BUILDING IN ORDER TO RECONFIGURE LAB SPACES AND ASSOCIATED LAB EQUIPMENT. THE WORK CONSISTS OF SELECTIVE DEMOLITION, LIMITED NEW INTERIOR PARTITIONS TO RECONFIGURE SPACES, MODIFICATIONS OF ME/FP SYSTEMS AS REQUIRED FOR THE NEW WORK, AND NEW INTERIOR FINISHES IN THE AREA OF NEW WORK. LEVEL 2 ALTERATIONS WILL COMPLY WITH CHAPTER 24 OF THE 2018 NC EXISTING BUILDING CODE.  
THE EXISTING CIRCULATION / EGRESS PATH IS TO REMAIN. EXISTING EXITS AND CORRIDORS WITHIN THE WORK AREA ARE SHARED BY ONLY ONE OCCUPANT AND WORK DOES NOT IMPACT EGRESS. THE BUILDING IS TYPE "B" OCCUPANCY, IS FULLY-SPRINKLERED, AND THE EXISTING FLOOR STRUCTURE IS 2-HOUR RATED. THE CORRIDORS ARE NOT REQUIRED TO BE RATED PER NCBC SECTION 1020, TABLE 1020.1.  
ANY EXISTING FIRESTOPPING DETAILS THAT ARE INCOMPLETE OR MISSING ARE TO BE REPAIRED AND REPLACED AS REQUIRED BY THE NEW WORK.

**B6** LIFE SAFETY PLAN  
0 8 16 FT

**OCCUPANT LOAD TABLE - TABLE 1004.1.2**

SPACE/ROOM NAME	AREA (SQFT)	LOAD FACTOR	OCCUPANT LOAD
BUSINESS	5,436 GSF	100 GROSS	55
ACCESSORY STORAGE AND MECHANICAL	749 GSF	300 GROSS	3
ACCESSORY ASSEMBLY	310 NSF	15 NET	21
SHOPS / VOCATIONAL / LAB	5,605 NSF	50 NET	113
<b>TOTAL</b>	<b>12,100 SF</b>		<b>192 OCCUPANTS</b>

**GENERAL NOTES**

A. ALL RATED WALLS ARE EXISTING TO REMAIN.  
B. ALL CORRIDORS AND STAIRS ARE TO MAINTAIN A MINIMUM CLEAR WIDTH OF 44". NO DOORS ARE TO SWING INTO THE 44" CLEARANCE MORE THAN 7" WHEN FULLY OPENED.

**EXIT ACCESS TRAVEL DISTANCE**  
300'-0" ALLOWED, 132'-0" PROVIDED.

**DEAD END CORRIDORS**  
50'-0" ALLOWED; NO DEAD END CONDITIONS THIS LEVEL.

**NUMBER OF EXITS**  
2 EXITS REQUIRED, 2 EXITS PROVIDED

**EGRESS WIDTH**  
CORRIDOR  
MINIMUM REQUIRED CORRIDOR WIDTH = 44"  
ALLOWABLE = 150 PERSONS PER 22" PER TABLE 805.2.1 NCSBC; EXISTING BUILDING CODE.  
MINIMUM PROVIDED CORRIDOR WIDTH IN THIS SCOPE OF WORK = 60" = 409 OCCUPANTS

**STAIRS**  
STAIRS ARE ALL EXISTING. LEVEL OF PROTECTION THAT IS EXISTING IS MAINTAINED PER EXISTING BUILDING CODE SECTION 604. MIN STAIR WIDTH = 44"

**OCCUPANT LOAD DESIGNATION**

- BUSINESS (100 GROSS)
- SHOPS / VOCATIONAL / LAB (50 NET)
- ACCESSORY ASSEMBLY (15 NET)
- ACCESSORY STORAGE AND MECHANICAL (300 GROSS)

**LEGEND**

- VERTICAL ELEMENTS (SHAFTS, ELEVATORS, STAIRS)
- 1-HOUR FIRE BARRIER
- 2-HOUR FIRE BARRIER
- 4-HOUR FIRE BARRIER
- GREATEST MINIMUM EGRESS TRAVEL DISTANCE AND PATH TO EXIT/ EXIT ENCLOSURE
- FIRE EXTINGUISHER CABINET (EXISTING TO REMAIN)
- EXIT SIGN/DIRECTION (ETR)

35  
65

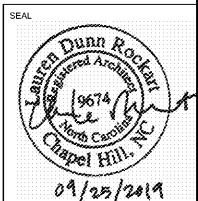
8'-0"  
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← ACTUAL NUMBER OF OCCUPANTS  
← CAPACITY OF DOOR OR EXIT

← WIDTH OF STAIR OR CORRIDOR  
← CAPACITY OF STAIR OR CORRIDOR

**OCCUPANCY TYPES:**

- S- STORAGE & MECH 300 GSF / OCCUPANT
- A- ASSEMBLY (UNCONCENTRATED) 15 SF / OCCUPANT
- B- BUSINESS 100 GSF / OCCUPANT
- B- SHOPS / VOCATIONAL / LAB 50 NSF / OCCUPANT



UNC SCHOOL OF MEDICINE  
NEUROSCIENCES RESEARCH BUILDING  
SCO PROJECT ID: 11-09861-023  
7th & 8th FLOORS FOR DERMATOLOGY

ISSUE DATE  
09/25/2019  
JOB NO.  
10761-00  
DWG. NO.  
**G107**

SHEET TITLE  
**7TH FLOOR - LIFE SAFETY PLAN**  
SCALE (IN/FT)  
0 8 16 FT



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**BID SET**