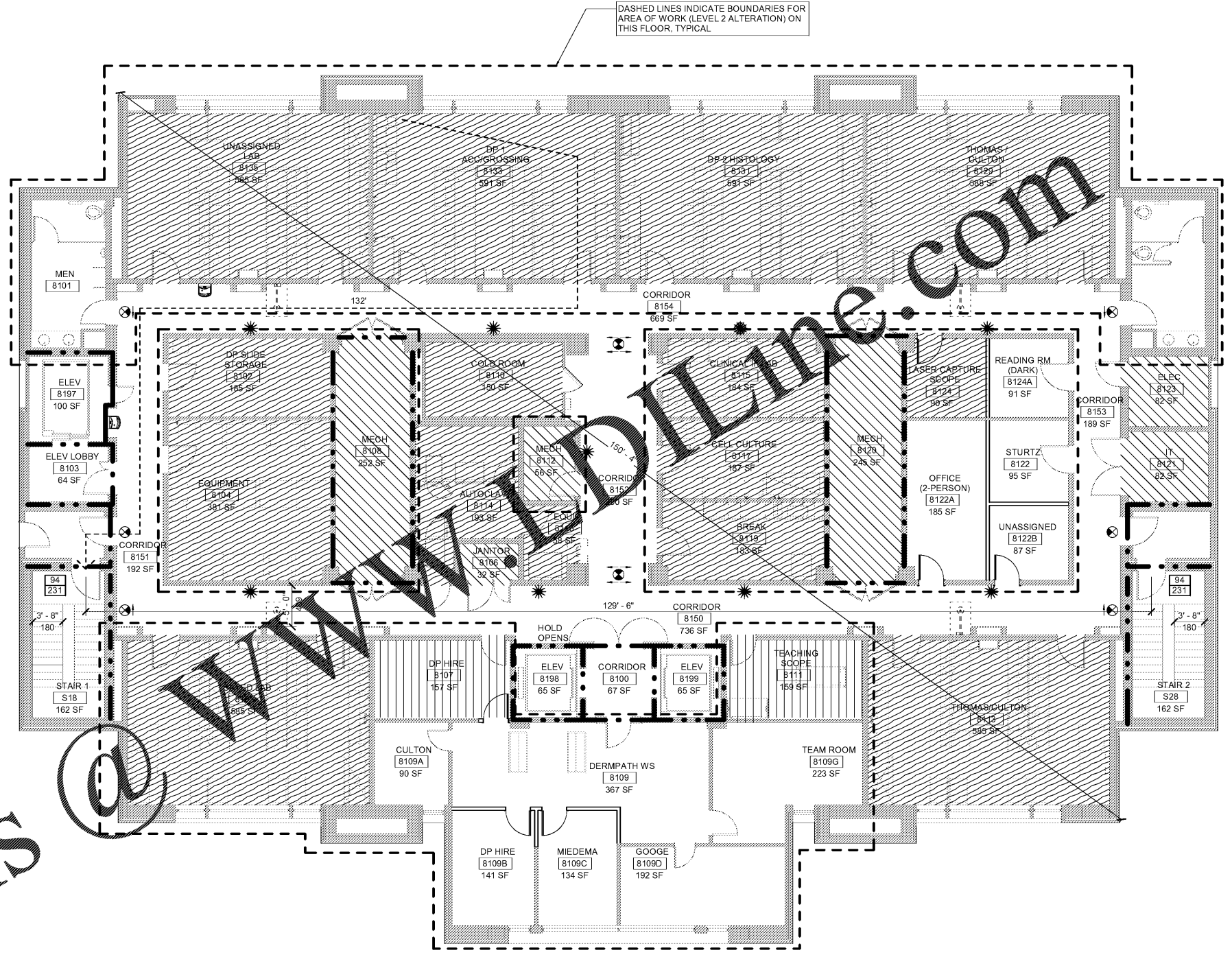


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DASHED LINES INDICATE BOUNDARIES FOR AREA OF WORK (LEVEL 2 ALTERATION) ON THIS FLOOR, TYPICAL

B8 LIFE SAFETY PLAN

OCCUPANT LOAD TABLE - TABLE 1004.1.2

SPACE/ROOM NAME	AREA (SQFT)	LOAD FACTOR	OCCUPANT LOAD
BUSINESS	5,908 GSF	100 GROSS	60
ACCESSORY ASSEMBLY	310 NSF	15 NET	21
ACCESSORY STORAGE AND MECHANICAL	749 GSF	300 GROSS	3
SHOPS / VOCATIONAL / LAB	5,133 NSF	50 NET	103
TOTAL	12,100 SF		187 OCCUPANTS

GENERAL NOTES

A. ALL RATED WALLS ARE EXISTING TO REMAIN. 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.

OCCUPANT LOAD DESIGNATION

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

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"

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)
- 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

SEAL

UNC SCHOOL OF MEDICINE
 NEUROSCIENCES RESEARCH BUILDING
 7th & 8th FLOORS FOR DERMATOLOGY
 LOCATION: 115 Mason Farm Road, Campus Box 7250, Chapel Hill, North Carolina, 27599-7250

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SHEET TITLE
8TH FLOOR - LIFE SAFETY PLAN
 SCALE (IN/3) 0 8 16 FT

ORD. AECK SARGENT, A KATERA COMPANY
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