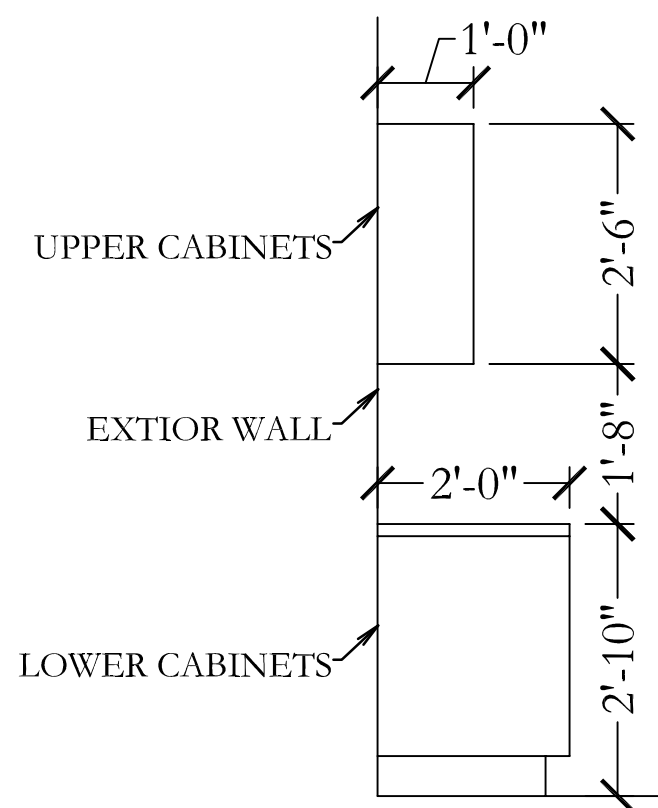


ROOM AREA MAX. FLOOR AREA PER OCCUPANT TABLE: 1004.1.2	OCCUPANCY TYPE	NUMBER OF OCCUPANTS
BUSINESS		
541/100	2	

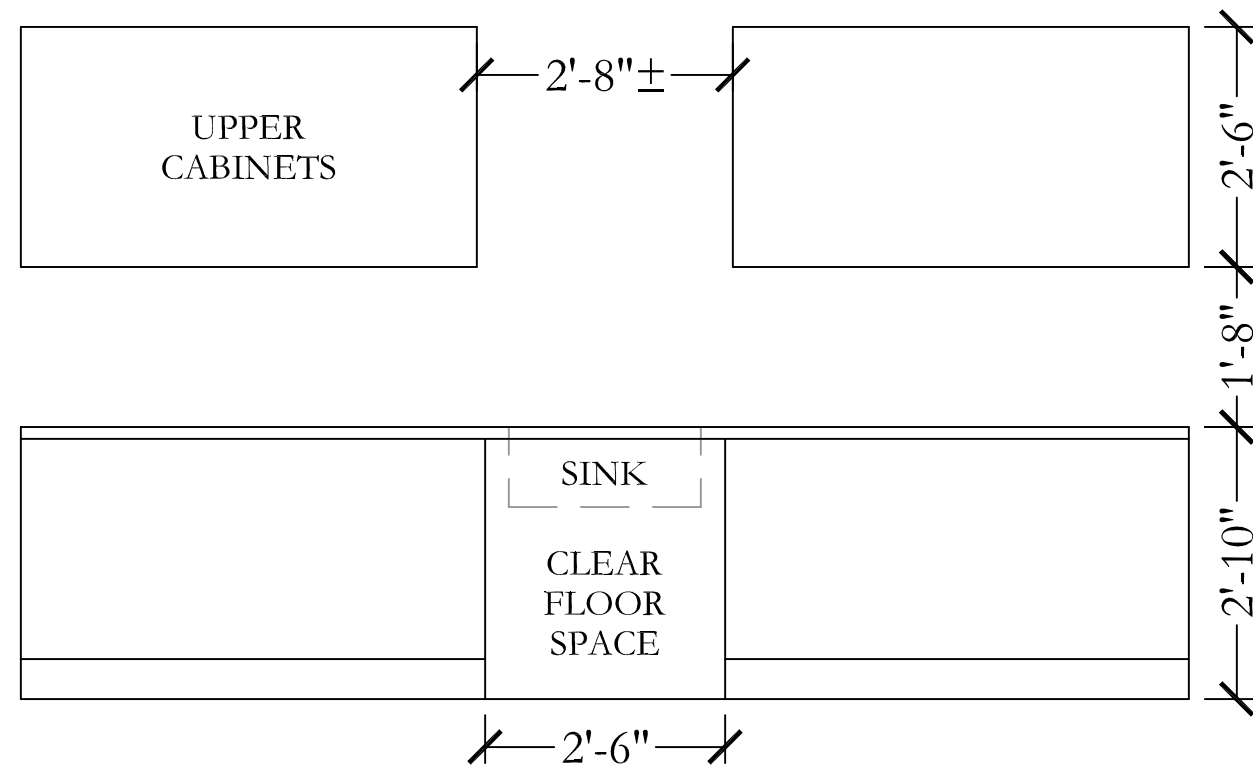
OCCUPANCY CALCULATION

EMERGENCY LIGHTING LEGEND

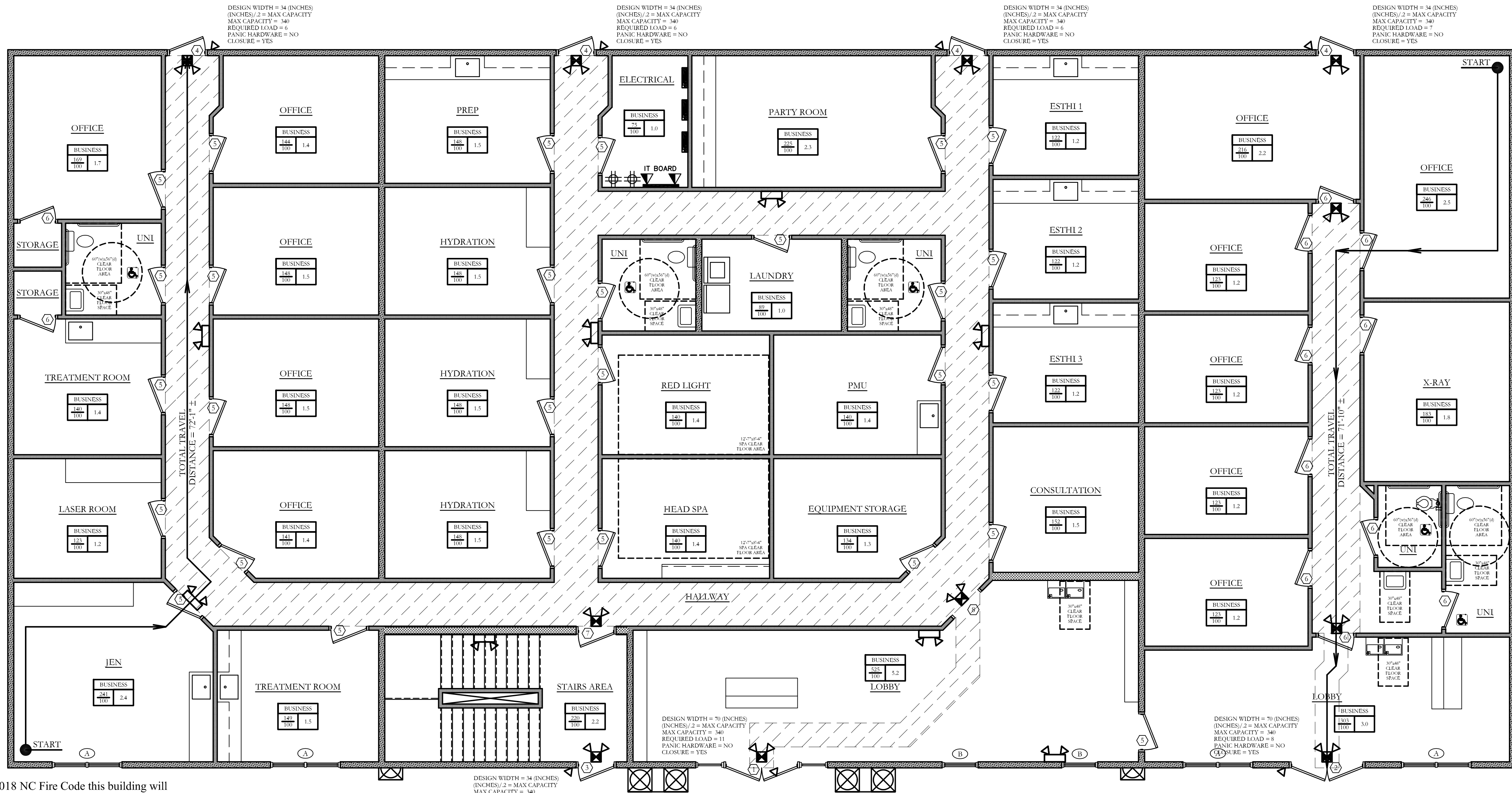
- EXIT SIGN UNIT: LED TYPE, 120V, 2-12W LAMP HEADS, SURFACE OR WALL MOUNTED NEAR CEILING OVER DOORWAY.
- COMBINATION EXIT SIGN W/EMERGENCY LIGHTING UNIT: 5 WATTS OR LESS PER FACE, 120V, 2-12W LAMP HEADS, REMOTE HEAD CAPABLE, SURFACE WALL MOUNTED OVER DOORWAY, SHALL HAVE MINIMUM OF 90 MINUTES BATTERY BACKUP.
- EMERGENCY LIGHTING UNIT REMOTE HEAD - WEATHERPROOF, CONNECT TO NEARBY UNIT - SURFACE MOUNTED ON EAVE.
- EMERGENCY LIGHTING UNIT - 2-12W LAMP HEADS, 120V, SURFACE WALL MOUNTED NEAR CEILING



ESTHI CABINET
SECTION
SCALE 1/2" = 1'-0"



ESTHI ELEVATIONS
SCALE 1/2" = 1'-0"



LIFE SAFETY PLAN
SCALE 3/16" = 1'-0"

Occupancy Load Calculations				
Unit	Room Name	Room Sq. Ft.	Sq. Ft. required per occupant	No. occupants
OFFICES	Business areas	10,118	100	101.2
	Total Occupant Load			101.2

LIFE SAFETY NOTES

- Fire and/or smoke rated wall locations (Chapter 7)
- Assumed and real property line locations
- Exterior wall opening area with respect to distance to assumed property lines (705.8)
- Existing structures within 30' of the proposed building
- Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.1)
- Occupant loads for each area
- Exit access travel distances (1016)
- Common path of travel distances (1014.3 & 1028.8)
- Dead end lengths (1018.4)
- Clear exit widths for each exit door
- Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)
- Actual occupant load for each exit door
- A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
- Location of doors with panic hardware (1008.1.10)
- Location of doors with delayed egress locks and the amount of delay (1008.1.9.7)
- Location of doors with electromagnetic egress locks (1008.1.9.8)
- Location of doors equipped with hold-open devices
- Location of emergency escape windows (1029)
- The square footage of each fire area (902)
- The square footage of each smoke compartment (407.4)
- Note any code exceptions or table notes that may have been utilized regarding the items above

PROVIDE KNOX BOX PER NC FIRE CODE
506.1. COORDINATE INSTALLATION w/ FIRE INSPECTOR

Tactile sign installation must comply with ICC A117.1-2009 section 703. See below for standard locations requiring tactile signage.

1. Permanent Rooms and Spaces:

- Any room or space whose function will not change (e.g., restrooms, offices, mechanical rooms, break rooms).
- These signs must include **raised characters and Braille**.

2. Restrooms

- Must have tactile signage identifying them, even if pictograms are also used.

3. Elevator Car Controls and Jamb:

Tactile (and Braille) characters are required on:

- Elevator control buttons
- Elevator hoist way entrance jamps (on both sides of the door)
- Emergency communication systems inside elevators

4. Stairways (If Part of the Egress Path)

- Each floor level exit stairway requires tactile signage at the door to the stairwell, identifying the floor level, exit level, and roof access status.

5. Areas of Refuge

- Tactile signs must be located at the AOR itself, typically near the entrance or access point.
- If the AOR is not immediately visible or not located on an accessible route, directional signage is required at:
 - Elevators
 - Exit stairwells
 - Other decision points along the accessible path
- Directional signs are not required to be tactile, but they must use visual characters with proper contrast.

Design and Mounting Requirements:

- Raised characters:** 1/32 inch minimum (depth)
- Braille:** Grade 2, contracted Braille positioned below the text
- Mounting height:** 48-60 inches above the floor to the baseline of the lowest raised character
- Location:** Typically, on the latch side of the door

Per section 510 of the the 2018 NC Fire Code this building will be required to have an emergency responder coverage study and may require installation if needed.

510.1 Emergency Responder Radio Communication Coverage in New Buildings

Approved in-building 2- way emergency responder communication coverage shall be provided in all new buildings. In-building 2- way emergency responder communication coverage shall be based on the existing coverage levels of the public safety communication systems utilized by the jurisdiction, measured at the exterior of the building. This section shall not require improvement of the existing public safety communication systems.

IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND/OR BUILDER TO CONFORM TO ALL STANDARDS, PROVISIONS, REQUIREMENTS, METHODS OF CONSTRUCTION AND USES OF MATERIALS PROVIDED IN BUILDINGS AND/OR STRUCTURES AS REQUIRED BY N.C. UNIFORM BUILDING CODE, LOCAL AGENCIES AND IN ACCORDANCE WITH GOOD ENGINEERING PRACTICES.

NEITHER CONNER DRAFTING & DESIGN NOR ANY OF ITS SUB-CONTRACTORS ARE RESPONSIBLE FOR ANY PROBLEMS DUE TO HUMAN ERROR AND/OR OMISSIONS ON THESE DOCUMENTS. IT IS THE OWNER AND/OR CONTRACTORS RESPONSIBILITY TO CAREFULLY REVIEW THESE PLANS FOR ERRORS AND OMISSIONS PRIOR TO CONSTRUCTION. IF ANY PROBLEMS ARE FOUND IN THE REVIEW PLEASE NOTIFY CONNER DRAFTING AND DESIGN PRIOR TO BEGINNING CONSTRUCTION SO ANY REVISIONS CAN BE MADE.

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LIFE SAFETY PLAN

PLAN:
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2930 HENDERSON DR.
JACKSONVILLE, NC 28546

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DATE: 05.14.25

SCALE: AS NOTED

DRAWN BY: CDD

FILENAME: 24_1022_DR.ARIN.PIRAMZADIAN.DWG

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