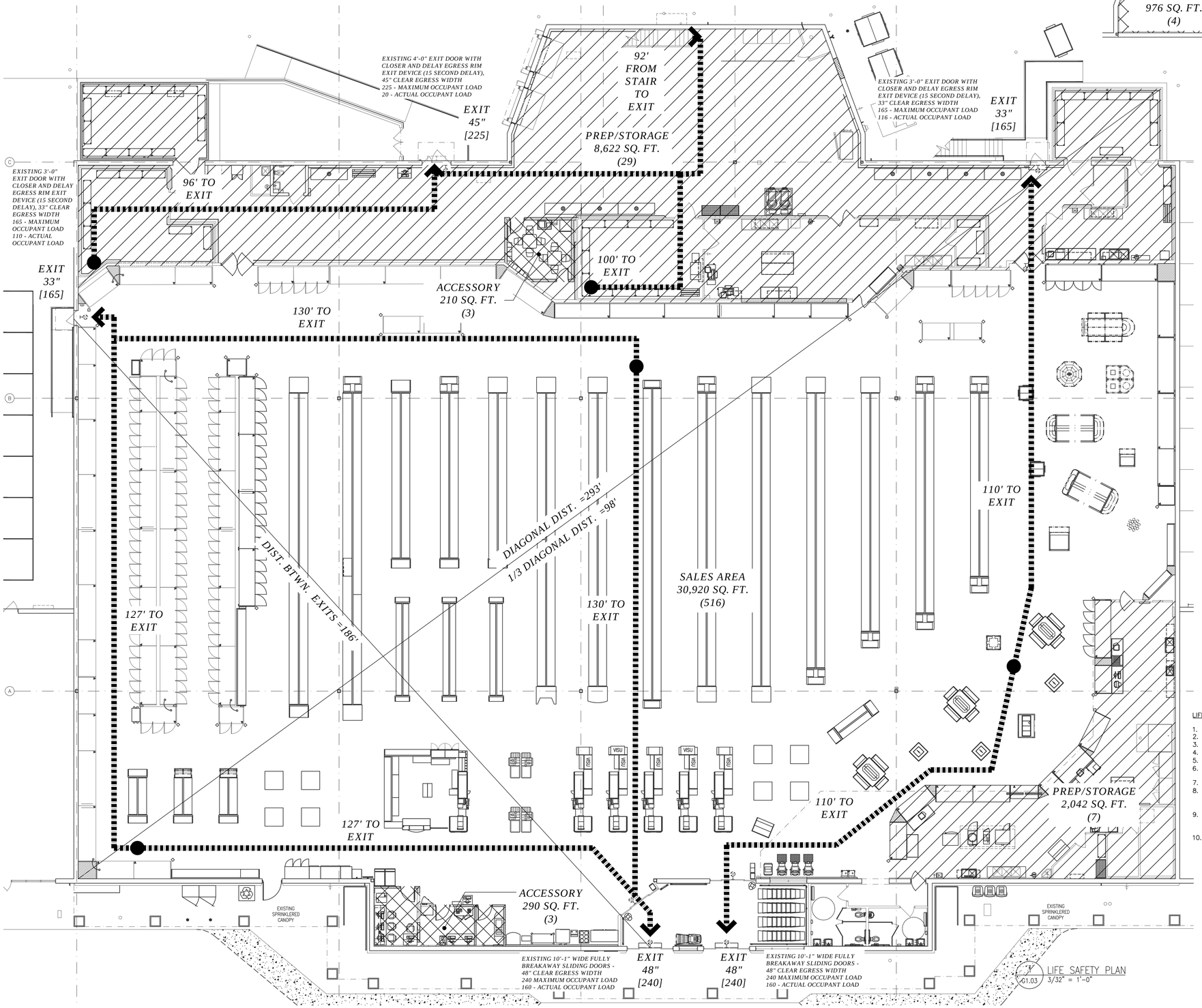
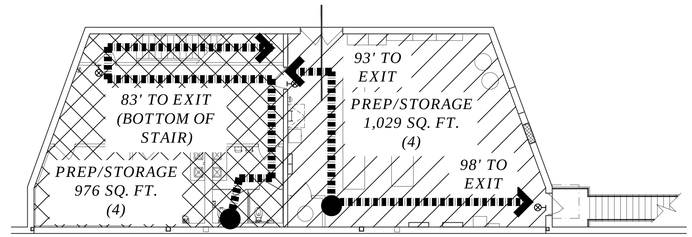




2 G1.03 LIFE SAFETY PLAN – MECHANICAL MEZZANINE
3/32" = 1'-0"

OCCUPANT LOAD PER TABLE 1004.1.2, 2018 NC

OCCUPANT TYPE	GROSS AREA	SF/PERSON	ALLOWABLE LOAD
PREP/STORAGE	10,664 SF	300	36 OCCUPANTS
ACCESSORY (OFFICE USE)	500 SF	100	6 OCCUPANTS
SALES AREA	30,920 SF	60	516 OCCUPANTS
MEZZANINE AREA	2,005 SF	300	8 OCCUPANTS
TOTAL	44,089 SF		566 OCCUPANTS

LEGEND

- PREP/ STORAGE (AREA) (OCC. LOAD)
- ACCESSORY (AREA) (OCC. LOAD)
- SALES AREAS (AREA) (OCC. LOAD)
- EGRESS ROUTE
- MOST REMOTE POINT
- EXIT LIGHTS
- EMERGENCY LIGHTS
- EXIT LIGHT W/ EMERGENCY LIGHTS
- EXIT 48" [240] — EXIT DOOR CLEAR WIDTH / DOOR MAX. OCC. LOAD

EGRESS PER 2018 NC

CLEAR WIDTH

PROVIDED	REQUIRED
48"	.2" x OCCUPANT
48"	566 OCCUPANTS
45"	x .2
33"	
33"	
TOTAL 207"	113.2"

EXITS

PROVIDED	REQUIRED
5	3

TRAVEL DISTANCE

MAX	ACTUAL
250'	130'

EXIT SEPARATION

PROVIDED MIN	REQUIRED MIN
186'	DIAGIONAL 293'/3 98'

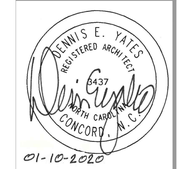
LIFE SAFETY GENERAL NOTES:

1. MERCANTILE OFFICE ALTERATION DESIGNED UNDER 2018 NORTH CAROLINA BUILDING CODE.
2. THIS BUILDING IS TYPE II–B CONSTRUCTION, MERCANTILE OCCUPANCY, SPRINKLERED.
3. MAXIMUM ALLOWABLE EXIT ACCESS DISTANCE = 250' (MERCANTILE)
4. MAXIMUM ALLOWABLE COMMON PATH OF TRAVEL DISTANCE = 75'
5. MAXIMUM ALLOWABLE DEAD END TRAVEL DISTANCE IN CORRIDORS = 50'
6. CLEAR OPENING WIDTH FOR A SINGLE 36" WIDE DOOR SHOULD BE CONSIDERED 33" TO COMPENSATE FOR STOP, DOOR THICKNESS AND HINGE THROW.
7. SEE SHEET A1.03 GENERAL NOTE #10 FOR FIRE EXTINGUISHER REQUIREMENTS.
8. FIRE EXTINGUISHER SIGNS FOR CURVED SURFACES (INCLUDING ROUND AND SQUARE COLUMNS) – PROVIDE 18"H X 4"W GLOW–IN–THE–DARK ADHESIVE SIGN EQUAL TO BRADY SV184G (GRAINGER ITEM #32MD69).
9. FIRE EXTINGUISHER SIGNS FOR FLAT WALL SURFACES – PROVIDE 18"H X 4"W GLOW–IN–THE–DARK PLASTIC SIGN EQUAL TO ACCUFORM SIGNS MFXG551GP (GRAINGER ITEM #8FZW0).
10. ALL EXITS ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.

1 G1.03 LIFE SAFETY PLAN
3/32" = 1'-0"

YCH ARCHITECTS
Architecture
Interior Design
Land Planning
Project Management

Professional Seals



Interior Alteration For:
FOOD LION
2110 Executive Drive, Salisbury, NC 28145/ Ph: 704.633.8250
1555 E. UNION STREET
MORGANTON, NC 28655
Store No. 2250

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LIFE SAFETY PLAN

Architectural
G1.03
YCH Commission Number
19029.00

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