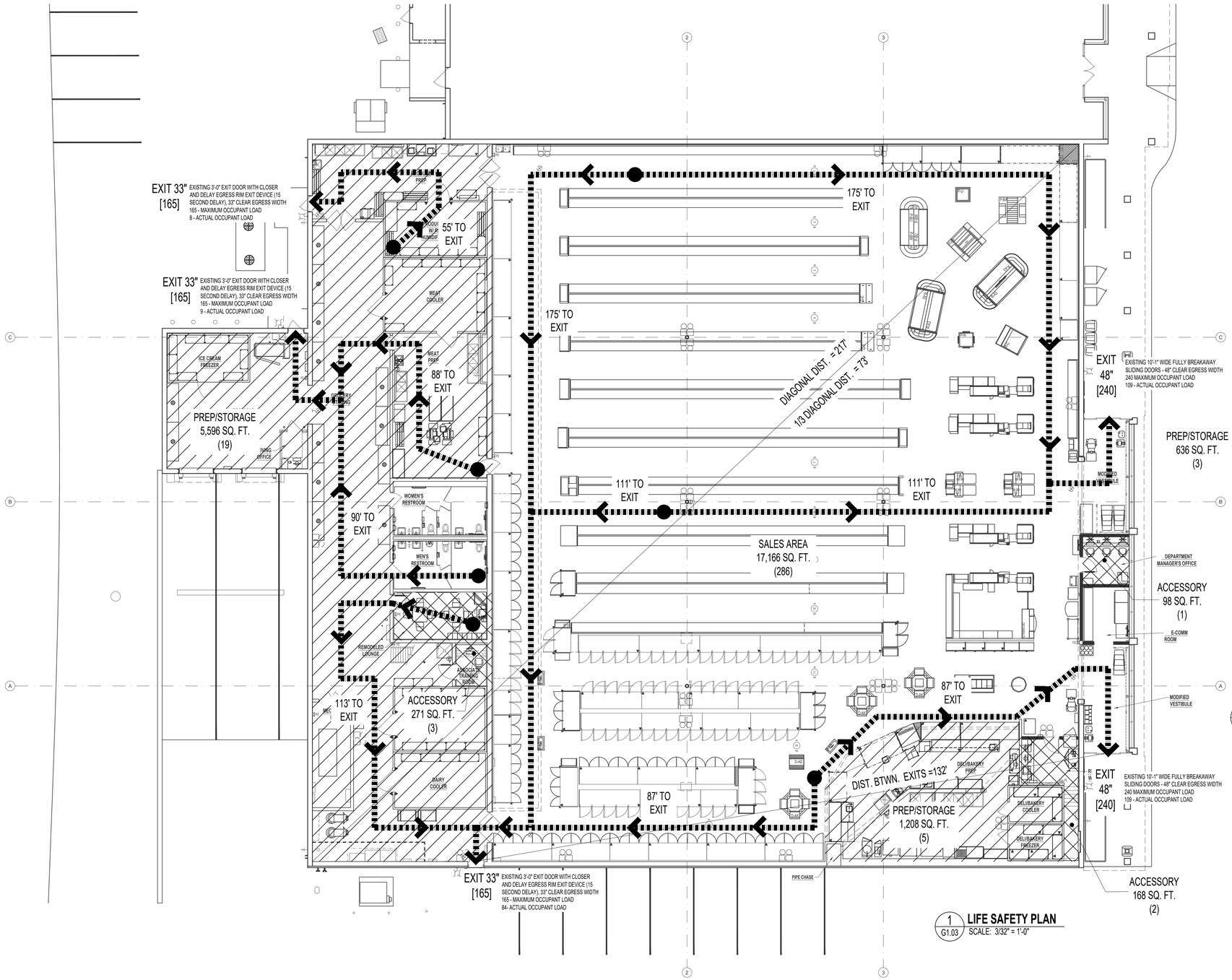
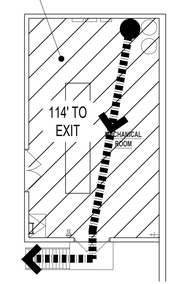


1 G1.03 **LIFE SAFETY PLAN**
SCALE: 3/32" = 1'-0"



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

OCCUPANT LOAD

PER TABLE 1004.1.2, 2018 NORTH CAROLINA

OCCUPANT TYPE	GROSS AREA	SF/PERSON	ALLOWABLE LOAD
PREP/STORAGE	7,440 SF	300	25 OCCUPANTS
ACCESSORY (OFFICE USE)	537 SF	100	6 OCCUPANTS
SALES AREA	17,167 SF	60	286 OCCUPANTS
TOTAL	25,144 SF		317 OCCUPANTS

LEGEND

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

EGRESS

PER 2018 NORTH CAROLINA

CLEAR WIDTH

PROVIDED	48" 48" 33" 33" 33"	REQUIRED	.2" x OCCUPANT 317 OCCUPANTS x .2
TOTAL	195"		63.4"

EXITS

PROVIDED	5	REQUIRED	3

TRAVEL DISTANCE

MAX	250'	ACTUAL	124'

EXIT SEPARATION

PROVIDED MIN	132'	REQUIRED MIN DIAGONAL	217/3 73'

LIFE SAFETY GENERAL NOTES:

1. MERCANTILE OFFICE ALTERATION DESIGNED UNDER 2018 NORTH CAROLINA EXISTING 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.

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PHASE & DATE:
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REVISIONS:
SHEET TITLE:
LIFE SAFTY PLAN
ARCHITECTURAL:
G1.03

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