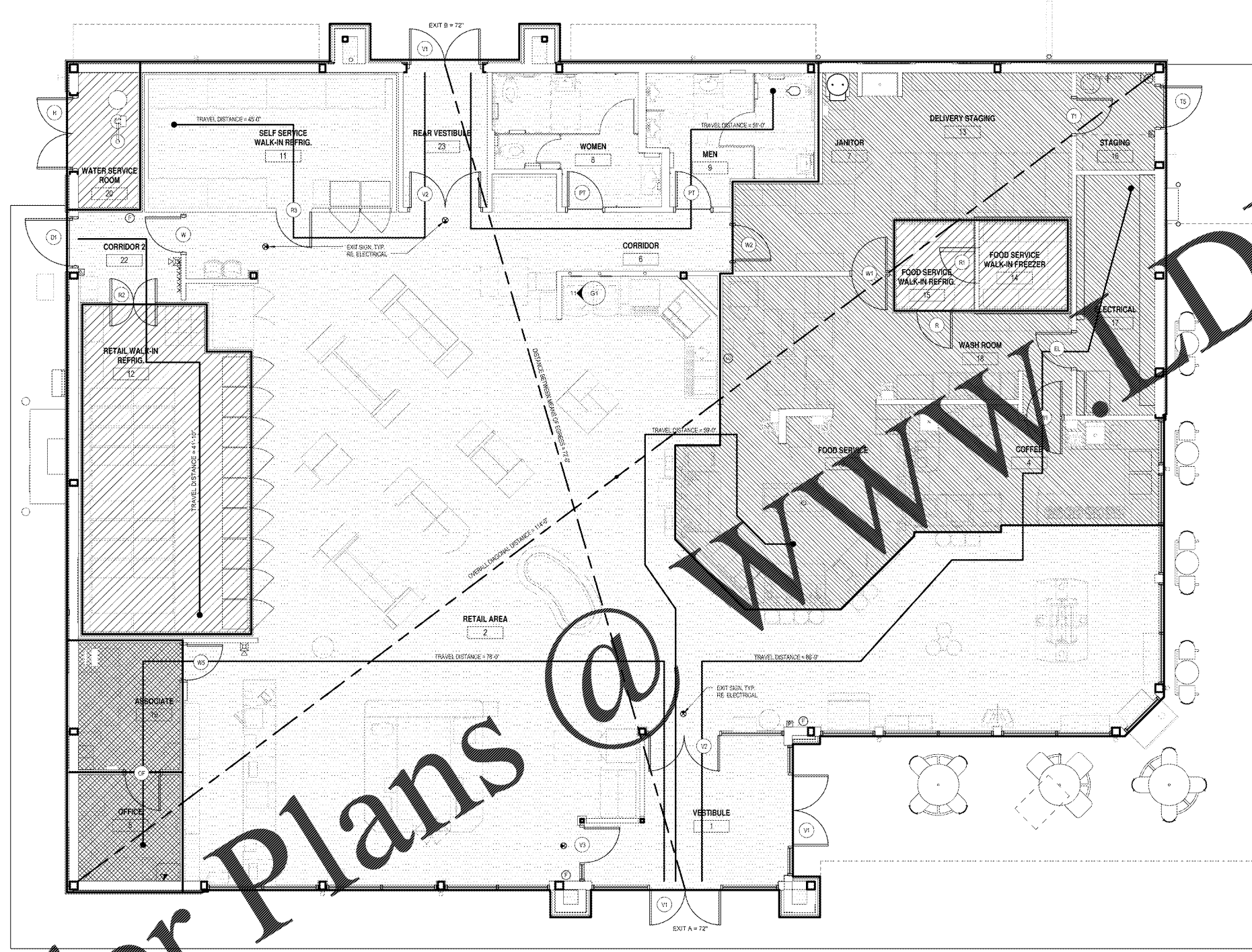


Order Plans



1 T.O. FLOOR SLAB  
LS 1/4" = 1'-0"

- LIFE SAFETY PLAN
- BUSINESS
  - MERCANTILE
  - MERCANTILE (KITCHEN)
  - STORAGE

EGRESS DATA - NEW MERCANTILE, UNSPRINKLERED  
OCCUPANCY LOAD = 142

EGRESS CAPACITY

1. MINIMUM EGRESS CAPACITY (IFC 1005.5.2)  
REQUIRED = 98' (142 PERSONS X 0.2 PERSON/FOOT)  
PROVIDED = 144' (EXIT A = 72' , EXIT B = 72')

ARRANGEMENT OF EXITS

1. SEPARATION DISTANCE: AT LEAST TWO EXITS SHALL HAVE A MINIMUM SEPARATION NOT LESS THAN ONE-HALF OF THE OVERALL LENGTH OF THE SPACE (IFC 1015.2.1)  
OVERALL DIAGONAL DISTANCE = 114'-0"  
MINIMUM REQUIRED DISTANCE BETWEEN MEANS OF EGRESS = 114'-0" / 2 = 57'-0"  
DISTANCE BETWEEN MEANS OF EGRESS = 72'-0"

TRAVEL DISTANCES

1. MAXIMUM TRAVEL DISTANCE REQUIRED FOR OCCUPANCY M  
UNSPRINKLERED = 150 FEET (IFC 1030.2.8.1)  
ACTUAL MAXIMUM TRAVEL DISTANCE = 97' - 0"

EMERGENCY SIGNALING AND LIGHTING

1. REFER TO SHEET E2 FOR EMERGENCY LIGHTING AND EXIT SIGN LOCATION

2. EXIT LIGHTS ARE TO BE MOUNTED AT THE GREATEST HEIGHT ALLOWABLE AND IN COMPLIANCE WITH CODES. EXIT LIGHTS LEADING FROM THE SALES FLOOR SHALL BE VISIBLE ABOVE STOCK AISLES.

FINISH CLASSIFICATIONS

1. CLASS A FINISHES AT EXIT ENCLOSURES & EXIT PASSAGEWAYS (FLAME SPREAD 0-25 SMOKE DEVELOPMENT 0-450)

2. CLASS B FINISHES AT CORRIDORS (FLAME SPREAD 26-75 SMOKE DEVELOPMENT 0-450)

3. CLASS C FINISHES AT ROOMS AND ENCLOSED SPACES (FLAME SPREAD 76-200 SMOKE DEVELOPMENT 0-450)

OCCUPANCY LOAD CALCULATIONS				
OCCUPANCY TYPE	OCC. GROUP	AREA	OCC. / SF	OCCUPANT LOAD
BUSINESS	GROUP B	208 SF	100	21
MERCANTILE	GROUP M	3034 SF	30	131
MERCANTILE (KITCHEN)	GROUP M	1428 SF	200	29
STORAGE	GROUP S	1212 SF	300	42
		6119 SF		142

NOTE:  
EXTERIOR OVERHANG AREA & OCCUPANCY LOAD SHALL BE AS SHOWN ON SHEET OS. AREA COMPLIES WITH IBC 5TH EDITION (2014) CHAPTER 3, SECTION 303.2. SMALL ASSEMBLY SPACES, ITEM (1) AND (6) CLASSIFIED AS PART OF THE MERCANTILE OCCUPANCY.

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SHEET TITLE  
LIFE SAFETY PLAN

No.	Description	Date
1	PRELIMINARY SET	01/17/2017
2	PERMITS SET	07/28/2017
3	BID SET	09/04/2017

PROJECT NO.  
2016020

DATE  
01/01/2017

DESIGNED BY  
FL

CHECKED BY  
US

LS