



LEGEND:

- EXISTING WALL OR ITEM TO REMAIN
- NEW WALL - SEE DRAWING 3/A2
- 1'-0" THICK CMU DEMISING WALL - 3 HOUR FIRE RESISTANCE RATING.
- EXIT SIGN
- EMERGENCY LIGHTING

CODE ANALYSIS -2009 NFPA 101

OCCUPANCY - SECTION 6.1.2, ASSEMBLY.
SEPARATION OF OCCUPANCY - TABLE 6.1.1.4.1(A) - 1 HOUR BETWEEN ASSEMBLY RESTAURANT) AND BUSINESS (LAUNDROMAT) OCCUPANCY. 1'-0" CMU DEMISING WALL IS RATED AT 3 HOURS.
OCCUPANT LOAD - TABLE 7.3.1.2
OCCUPANT LOAD CALCULATION:

KITCHEN 100 - 538# / 200# PER PERSON	= 3
WALK-IN COOLER 102 = 70# / 300#	= 1
DRY STORAGE 103 = 103# / 300#	= 1
CONCENTRATED USE, W/O FIXED SEATING - 104# / 7# NET (SEE KEYED NOTE #1)	= 15
LESS CONCEN. USE, TABLES & CHAIRS - 78# / 13# NET (SEE KEYED NOTE #2)	= 6
BOOTH SEATING (1 PERSON PER 18" BOOTH LENGTH) -	
BANQUETTE -	= 14
BOOTH A - 4 PERSONS EACH X 7 BOOTHS	= 28.0
BOOTH B -	= 8
BOOTH C -	= 12
REMAINING FLOOR AREA - 756# / 15# NET	= 51
TOTAL OCCUPANT LOAD	139

- NUMBER OF EXITS - SECTION 7.4.1 - TWO
- TRAVEL DISTANCE - TABLE A.7.6 ASSEMBLY USE, UNSPRINKLED, OCCUPANT LOAD >50.
- COMMON PATH LIMIT - 20 FT.
- DEAD-END LIMIT - 20 FT.
- TRAVEL DISTANCE LIMIT - 200 FT.
- TYPE OF CONSTRUCTION - TABLE A.8.2.1.2 - TYPE III 200
- EMERGENCY LIGHTING - REQUIRED PER SECTION 12.2.9
- EXIT SIGNS - REQUIRED PER SECTION 12.2.10
- FIRE ALARM - NOT REQUIRED PER SECTION 12.3.4
- AUTOMATIC SPRINKLER SYSTEMS - SECTION 12.3.5 - NOT REQUIRED.

LS-1	Drawing LIFE SAFETY PLAN	Date 6/19/15	Scale 1/4" = 1'-0"	Architect SHIELDS ARCHITECTURE CUMBERLAND, MAINE (207) 776-8926	Builder: HARDYPOND CONSTRUCTION 7 TEE DRIVE PORTLAND, MAINE 04103	
	Project: INTERIOR FIT-UP 660 FOREST AVENUE PORTLAND, MAINE	Revisions: ① 8/31/15 - Occupant Load Calculation Revised. ② 10/9/15 - Kitchen layout and toilet room layouts changed, Occupant Load re-calculated.				