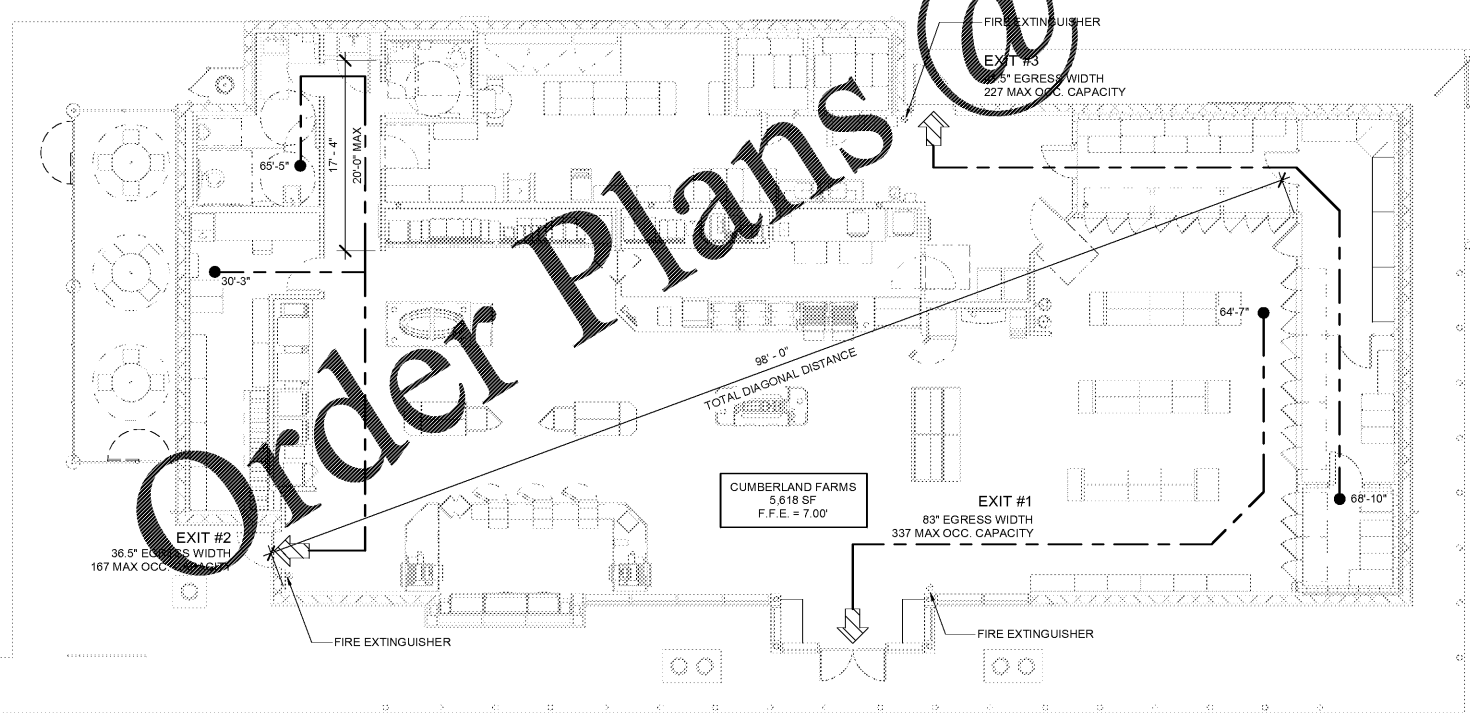
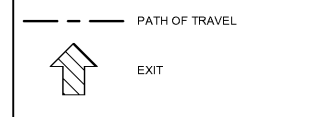


GENERAL NOTES

- LARSON MODEL MP10; 10 L13 MULTIPURPOSE DRY CHEMICAL UNIT FIRE EXTINGUISHER WITH WALL MOUNTING BRACKETS; UL RATING 4A-80B.C. OR OTHER APPROVED EQUAL.
- FIRE EXTINGUISHERS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 10 AND MANUFACTURER'S INSTRUCTIONS.
- FIRE EXTINGUISHERS SHALL BE INSTALLED BY GENERAL CONTRACTOR WITH FINAL PLACEMENT TO BE COORDINATED IN THE FIELD BY THE CONTRACTOR WITH THE LOCAL AUTHORITY HAVING JURISDICTION.

LIFE SAFETY LEGEND



EGRESS PLAN
1/8" = 1'-0"

**Cumberland Farms
(5618 SF)**

Florida Code Analysis (updated 04/16/18)

Applicable Building Code	Florida Building Code 2017 6th Edition					
Applicable Structural Code	Florida Building Code 2017 6th Edition					
Applicable Accessibility Code	Florida Accessibility Code 2017					
Applicable Energy Code	Florida Energy Conservation Code 2017					
Applicable Plumbing Code	Florida Building Code 2017 6th Edition					
Applicable Mechanical Code	Florida Building Code 2017 6th Edition					
Applicable Fire code	Florida Fire Prevention Code 2017 6th Edition					
Applicable Electric Code	NEC 2014 Edition					
Project Summary	The subject building is new construction of 1 story, Type 5B construction – combustible, unprotected. The proposed occupancy is M- Mercantile.					
Basic Building Characteristics						
Plan Area (First Floor Foot Print)	5,618 square feet					
Number of Floors	1					
Use or Occupancy Classification						
Use or Occupancy Classification (Chapter 3)	M - Mercantile					
General Building Heights and Areas (Chapter 5)						
Area Limitation and Modification (Table 504.3, 504.4 and 506.2)	The areas limited by table 503 shall be permitted to be increased due to the automatic sprinkler system protection (s) in accordance with the following: $A_s = [A_1 + [A_2 X I_f] + [A_3 X I_s]]$ Allowable Area per floor (Construction Type 5B) Proposed Area per floor $A_1 =$ Total area per story in accordance with table 503 (square feet) $I_f =$ Area increase factor due to frontage calculated in accordance with Section 506.2 $I_s =$ Area increase factor due to sprinkler protection as calculated in accordance with Section 506.3 Where a building has more than 25 percent of its perimeter on a public way or open space having a minimum width of 20 feet, the frontage increase shall be determined in accordance with the following (the maximum value of W/30 is 1). $I_f = [P / 30 - 0.25] W / 30$					
	9 000 Sq. Ft. 5,618 Sq. Ft. not taken not taken not taken					
Construction Type (Chapter 6)						
Construction Type	5B					
Construction Requirements (Chapters 6, 7 AND 10)						
Structural Frame Including columns, girders and trusses	Table 601 0 hour					
Exterior Walls	Separation Distance Greater than 30 feet (Table 602) 0 hour					
Exterior wall openings	Maximum area of unprotected exterior wall openings (Table 705.8) No Limit					
Floor Construction Including supporting beams and joists	Table 601 0 hours					
Roof Construction Including supporting beams and joists	Table 601 0 hours					
Interior Finishes (Chapter 8)						
Interior Finish Requirements (Table 803.5)	Rooms and enclosed spaces Class C or Better					
Fire Protection Systems (Chapter 9)						
Sprinkler System (903.2.7)	An Automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where the Group M fire area exceeds 12,000 square feet. (Not Required building SF = 5,618 square feet)					
Egress (Chapter 10)						
Length of Exit Access Travel (Table 1017.2)	With Out Fire Sprinkler System Occupancy M 200 feet					
Occupancy Capacity of Exits and Number of Exits						
Space	Use	Occupancy load (Table 1004.1.2)	Means of Egress Sizing Stairs (Table 1005.3.1)	Doors (Table 1005.3.2)	No of Exits Required (1006) / Provided	Remoteness (1007.1.1)
Mercantile Area (Public)	M	3408 sf / 60 gross = 57 persons	N/A	79 x 2' = 22.8' 32" Min.	No of Exits Required 2 3 Exits provided: 1@83", 1@36.5", 1@41.5" = 161"	Exit separation > Bldg. Diag x 1/2 Exit separation (See Plan on this Sheet) Conforms
Utility Area (Non-Public)	M	2210 sf / 300 gross = 8 persons	N/A	8 x 2' = 1.6' 32" Min.		
Minimum Required Egress Width Egress width per occupant (1005)			Doors (1005.3.2)		Stairways (1005.3.1)	
			0.2'		0.3'	
Minimum width: - Exit Passageway (1024.2) - Stairway (1011.2) - Egress door (1010.1.1)			44" NA 32" clear			
2017 International Energy Conservation Code						
Table 301.1 - Climate Zone 1A						
Building Envelope Requirements - Opaque Assemblies (Tables C402.1.3, C402.1.4 & C402.4)						
Roofs - Insulation entirely above deck	> R-20 Continuous Insulation					
Walls Above Grade - Wood framed and other	0.151 U-Value for mass wall (max) - 0.077 U-Value at stud walls (max)					
Unheated Slab on Grade Floors	NR					
Opaque Door - swinging	0.61 U-Value (max)					
Attic Insulation	R-38					
Building Envelope Requirements - Fenestration (Table C402.4)						
New Window Assemblies Projection Factor < 0.2			5 U-Value (max) Entry Doors: 1.1 U-Value (max) .25 SHGC (max - SEW); .33 (max - N)			
Provided Fixtures						
Plumbing						
Minimum Number of Fixtures Required	Classification	Fixture Type	Min Required (Table 1)	Occupants	Fixtures Required	Fixtures Provided
	Mercantile	Water Closets	Female 1 per 500 Male 1 per 500	61	1	2
		Urinals	<50% of fixt.	61	1	2
		Lavatories each sex	1 Per 750	40 each sex	1 ea.	1 ea.
		Drinking Fountain	1 Per 1,000	122	1	2

HARRISON FRENCH & ASSOCIATES, LTD
+ 508.528.0770
31 Hayward Street
Franklin, Massachusetts 02038
www.hfa-ae.com

STIPULATION FOR REUSE
THIS DOCUMENT IS THE PROPERTY OF HARRISON FRENCH & ASSOCIATES, LTD. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFIC TO THE PROJECT. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF HARRISON FRENCH & ASSOCIATES, LTD. ANY REUSE OF THIS DOCUMENT FOR ANY OTHER PROJECT OR SITE WITHOUT THE WRITTEN PERMISSION OF HARRISON FRENCH & ASSOCIATES, LTD. IS STRICTLY PROHIBITED. HARRISON FRENCH & ASSOCIATES, LTD. ACCEPTS NO LIABILITY FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS DOCUMENT. HARRISON FRENCH & ASSOCIATES, LTD. AND ITS ENGINEERS AND ARCHITECTS ARE NOT RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS DOCUMENT. HARRISON FRENCH & ASSOCIATES, LTD. AND ITS ENGINEERS AND ARCHITECTS ARE NOT RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY ARISING FROM THE USE OF THIS DOCUMENT.

Cumberland
SUNRISE & 4TH
FORT LAUDERDALE, FL 33304
JOB NUMBER: 41-17-00410

ISSUE BLOCK

90% CDs	05/10/19
100% SET	06/14/19
90% AIM4.0	08/14/19
100% AIM 4.0	09/11/19
Bulletin 3	11/08/19

CHECKED BY: JEO
DRAWN BY: ZC
DOCUMENT DATE: 09/11/19



James E. Gilbert, Architect
License #36820294
Harrison French & Associates, LTD
CFLA #19-22890-11203

CODE SUMMARY & EGRESS PLAN