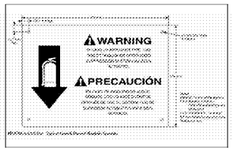
LIFE SAFETY LEGEND

---•---•---	MAXIMUM TRAVEL DISTANCE
----------	MAXIMUM COMMON PATH OF TRAVEL
— • — • —	MAXIMUM DEAD END CORRIDOR
	SURFACE MOUNTED FIRE EXTINGUISHER CABINET, 2A RATED, ADA COMPLIANT
EXIT	EMERGENCY EXIT SIGNAGE

LIFE SAFETY NOTES

1. REFER TO ELECTRICAL PLANS FOR EMERGENCY LIGHTING LOCATIONS.
2. PROVIDE DOOR CLOSER AND EGRESS PANIC HARDWARE FOR ALL EGRESS DOORS AS SPECIFIED.
3. COORDINATE EXIT LIGHTS WITH E101 SHEETS



PORTABLE FIRE EXTINGUISHER REQUIREMENTS

1. ALL PORTABLE FIRE EXTINGUISHERS SHALL COMPLY WITH THE LOCAL FIRE DEPARTMENT AND THE NFPA 10 STANDARD FOR PORTABLE FIRE EXTINGUISHERS.

2. FIRE EXTINGUISHER SIZE AND PLACEMENT SHALL COMPLY WITH TABLE 5.2.1. OF NFPA 10 UNDER ORDINARY HAZARD.

3. PROVIDE CLASS A MULTIPURPOSE DRY-CHEMICAL TYPE IN STEEL CONTAINER: UL-RATED 4-A:60-B:C, 10-LB NOMINAL CAPACITY, WITH MONOAMMONIUM PHOSPHATE-BASED DRY CHEMICAL IN ENAMELED-STEEL CONTAINER.

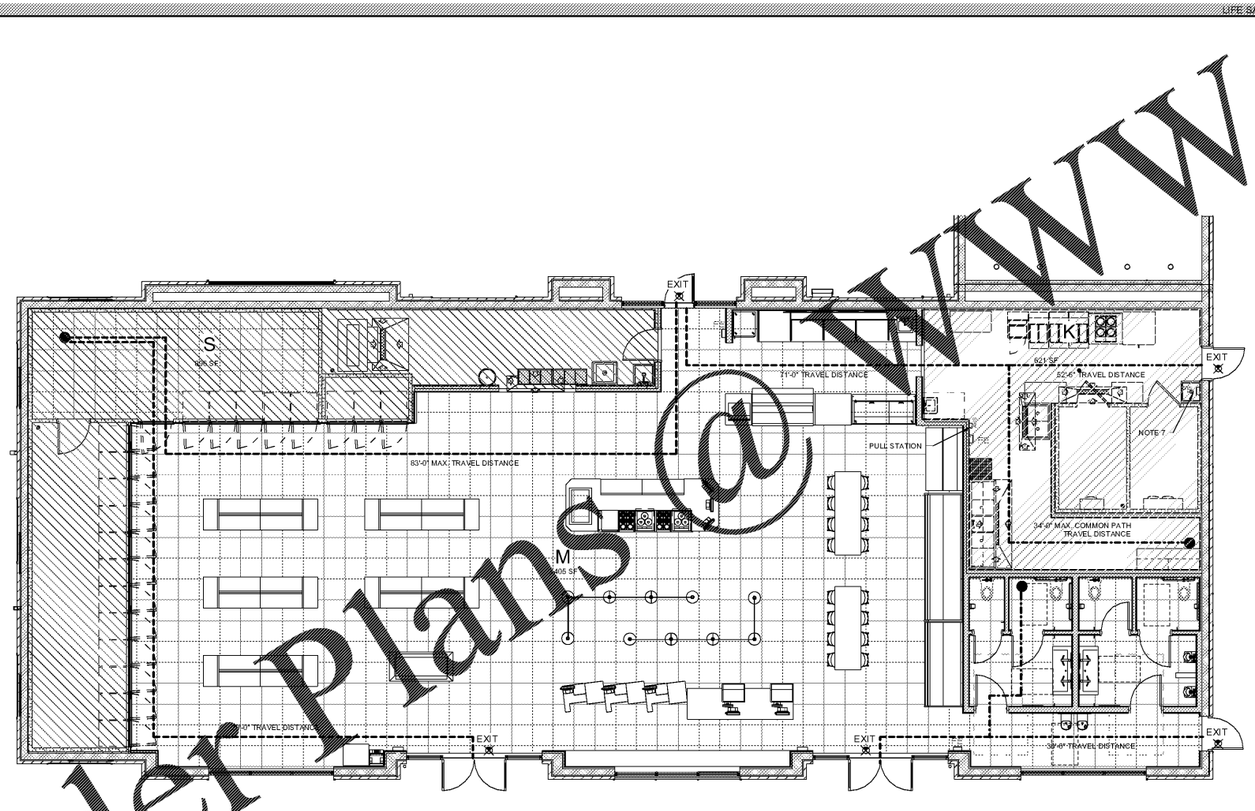
4. FIRE EXTINGUISHERS SHALL BE CONSPICUOUSLY LOCATED WHERE THEY WILL BE READILY ACCESSIBLE AND IMMEDIATELY AVAILABLE IN THE EVENT OF A FIRE ALONG NORMAL PATHS OF TRAVEL TO EXITS.

5. FIRE EXTINGUISHERS WEIGHING UNDER 40 LBS. SHALL NOT BE MOUNTED HIGHER THAN 5'-0" FROM THE TOP OF THE EXTINGUISHERS. FIRE EXTINGUISHERS WEIGHING OVER 40 LBS. SHALL NOT BE MOUNTED HIGHER THAN 3'-6".

6. ALL FIRE EXTINGUISHERS SHALL BE TESTED AND OPERATIONAL PRIOR TO PROJECT COMPLETION.

7. WHEN LOCATED IN A KITCHEN, INSTALL CLASS K WET-CHEMICAL TYPE FIRE EXTINGUISHER PER NFPA 10 SECTION 6.6.1

A101 LIFE SAFETY NOTES NTS



3/16" = 1'-0"
FIRST FLOOR PLAN A18

I. GENERAL

A. Property Address: Cane Bay Blvd. and State Rd. Summerville, SC. 29486

B. Total Gross Tenant Area: 4,922 sf

C. Building Height in Stories: 1 Story

II. Code Requirements:

A. Applicable Codes:
2015 International Building Code
2015 International Mechanical Code
2015 International Plumbing Code
2014 National Electrical Code
2015 International Fuel Gas Code
2015 International Fire Code
2009 International Energy Conservation Code
2017 ANSI A 117.1

B. Occupancy Classifications: Group M - Mercantile (IBC Section 309)

C. Construction Type:
Type V B - (IBC Section 602) Non-sprinkled/ Unprotected
-All materials shall comply with IBC Section 602.2.

D. Height and Area Limitations (IBC Table 503)

1. Group M - Maximum # of Stories: 2 Story — Actual # of Stories: 1
Allowable Area: 9,000sf — Actual Area = 4,794 sf

E. Construction protection
1. Fire Protection of Building Elements (IBC Table 601)

Structural Frame:	0 hours Required;	0 hours Provided
Bearing Walls - Exterior:	0 hours Required;	0 hours Provided
Bearing Walls - Interior:	0 hours Required;	0 hours Provided
Non-Bearing Walls:	0 hours Required;	0 hours Provided
Floor construction:	0 hours Required;	0 hours Provided
Roof construction:	0 hours Required;	0 hours Provided

F. Occupancy Load (IBC Table 1004.1.2)

60 sf/person - Kitchen — 365 sf/60 sf/person = 6.1 persons
200 sf/person - Storage — 200 sf/200 sf/person = 1 persons
15 sf/person - Sales — 4,429 sf/15 sf/person = 295.3 persons
Total = 3.0 persons
= 62.9 persons

G. Means of Egress

1. Egress Width per Occupant (IBC Table 1005.3.2): 62.9 people x .2"/person =12.58" Required; 170" Provided (5 doors @34")
2. Exit Access Capacity for Stairways (IBC Table 1009.1): N/A
3. Door Size (IBC 1010.1.1): Required = 32"; Provided = 34" Min.
4. Corridor Width (IBC 1020.2): Required = 44"; Provided = 44" Min.
5. Minimum Number of Exits (IBC Table 1006.1): 2 Required; 5 Provided
6. Exit Travel Distance (IBC Table 1017.1): 200' Required; 83'-0" Max. Provided
7. Dead End (IBC 1020.4) Required = 20' Min.; Provided = 0'

H. Exit Signs: Installed in accordance with (IBC 1013.1)

J. Fire Alarm System: Fire alarm system not required with occupant load <500 (IBC 907.2.7)

K. Exit Door Panic Hardware: Not Required

L. Smoke Detection System: Installed in accordance with (IMC 606.2)

M. Minimum Number of Required Plumbing Fixtures (IBC Section 2901):

1. Water Closet - 1 per 500; 6 Provided
2. Lavatories - 1 per 750; 4 Provided
3. Drinking Fountains - 1 Required; 1 Provided
4. Service Sink - 1 Required; 1 Min. Provided

NTS
CODE ANALYSIS

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Suite 200 - Charleston
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F. 843.722.4478
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Parkers

Revisions

No.	Date	Description

LIFE SAFETY

Scale	As indicated
Date	2/4/2019
Drawn By	TMM
Checked By	

LS000

2/4/2019 2:03:12 PM

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