

**2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-DENIED DWELLINGS AND FOOD SERVICES)**

Name of Project: **POPEYE'S LOUISIANA KITCHEN**
 Address: **921 Concord Parkway South, Concord, NC**
 Owner: **Leblon Franchising, LLC** Phone: **704.771.8800** E-Mail: **leblonfranchising@leblonfranchising.com**
 Owner's Architect: **LD Diline** Phone: **704.771.8800** E-Mail: **ld@diline.com**
 Code Enforcement Jurisdiction: **Concord, NC**

PERMITS (Check appropriate box(es))

Permit	Required	Comments
Building	YES	
Electrical	YES	
Mechanical	YES	
Plumbing	YES	
Fire	YES	
Other	NO	

2018 NC BUILDING CODE: New Building
2018 NC EXISTING BUILDING CODE: N/A
CONSTRUCTION TYPE: II-B
CURRENT OCCUPANCY: CA-30
PROPOSED OCCUPANCY: CA-30
OCCUPANCY CATEGORY (Table 1004.5): Current: N/A Proposed: II-B

BASIC BUILDING DATA

Construction Type: **II-B**
 Structure: **Steel**
 Occupancy: **CA-30**
 Primary Fire District: **50**
 Flood Hazard Area: **50**
 Special Inspections Required: **50**

GROSS BUILDING AREA TABLE

Area	Code	Area	Area
Total	8	3,348	3,348
Useable	7	3,148	3,148

ALLOWABLE AREA

Primary Occupancy Classification: **CA-30**
 Accessory Occupancy Classification: **N/A**
 Institutional Use: **Table 1004.5**

SEPARATION DISTANCES

Separation	Actual Area of Occupancy A	Actual Area of Occupancy B	Allowable Area of Occupancy A	Allowable Area of Occupancy B
Fire	N/A	N/A	30'	30'

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Separation	Actual Area of Occupancy A	Actual Area of Occupancy B	Allowable Area of Occupancy A	Allowable Area of Occupancy B
Fire	N/A	N/A	30'	30'

ALLOWABLE HEIGHT

Building Type	Height	Area
Building Type II-B	40'-0"	3,348

FIRE PROTECTION REQUIREMENTS

Element	Code	Area	Area	Area	Area
Exterior Walls	N/A	N/A	N/A	N/A	N/A
Interior Walls	N/A	N/A	N/A	N/A	N/A
Floors	N/A	N/A	N/A	N/A	N/A
Roofs	N/A	N/A	N/A	N/A	N/A

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STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)**

LOADS

Roof: **20 psf**
 Floor: **20 psf**
 Ceiling: **10 psf**
 Wind: **115 mph (ASCE 7)**

PERCENTAGE OF WALL OPENING CALCULATIONS

Element	Area	Percentage
Walls	10%	10%
Floors	10%	10%

LIFE SAFETY SYSTEM REQUIREMENTS

LIFE SAFETY PLAN REQUIREMENTS

Exit: **3**
 Egress Width: **5**
 Maximum Travel Distance: **75**

ACCESSIBLE USES TABLE

Use	Area	Area	Area	Area	Area
Public	100%	100%	100%	100%	100%
Private	100%	100%	100%	100%	100%

ACCESSIBLE PARKING

Vehicle	Area	Area	Area
Handicap	1	1	1
Other	0	0	0

PLUMBING FIXTURE REQUIREMENTS

Fixture	Area	Area	Area	Area	Area
Sinks	1	1	1	1	1
Toilets	0	0	0	0	0

SPECIAL APPROVALS

Special approval: **None**

ENERGY SUMMARY

Element	Value	Value	Value
Envelope	100	100	100
Systems	100	100	100

ENERGY REQUIREMENTS

The following table shall be considered minimum and any additional requirements shall be provided on the project drawings.

HERMAL ENVELOPE

Roof: **R-20**
 Walls: **R-15**
 Floors: **R-10**

EXTERIOR WALLS

Exterior Walls: **15" CMU**
 Windows: **U-0.30**

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MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)**

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone: **1**
 Heating: **None**
 Cooling: **None**

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ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)**

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Installation: **None**

ADDITIONAL ELECTRICAL REQUIREMENTS

Lighting: **None**

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Lighting: **None**

BUILDING EXIT #1

Egress Width: **5**
 Occupants: **8**

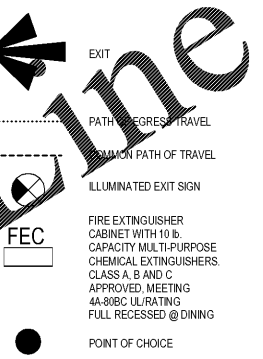
BUILDING EXIT #2

Egress Width: **5**
 Occupants: **8**

BUILDING EXIT #3

Egress Width: **5**
 Occupants: **8**

LIFE SAFETY PLAN LEGEND



CODE / PROJECT DATA

Building Code: **2018 NC Building Code**
 Plumbing Code: **2018 NC Plumbing Code**
 Electrical Code: **2017 NEC**
 Mechanical Code: **2018 NC Mechanical Code**
 Energy Code: **2018 NC Energy Code**
 Accessibility Code: **2009 ICC/ANSI A117.1**
 Fire Code: **2018 NC Fire Prevention Code**
 Fuel Gas Code: **2018 NC Fuel Gas Code**

OCCUPANCY CLASSIFICATION

Occupancy Classification: **ASSEMBLY A-2 (RESTAURANT)**
 Classification Type: **TYPE VB - UNPROTECTED, UNSPRINKLERED**
 Climate Zone: **3A**

BUILDING AREA CALCULATIONS

Kitchen (Net): **995 SF**
 Walk-in (Net): **150 SF**
 Dining/Restroom (Net): **155 SF**
 Total (Net): **1,300 SF**
 Total Building Area (Gross): **3,348 SF**
 Allowable Building Area: **6,000 SF - 1 STORY**
 Building Height: **40'-0" ALLOWABLE**
21'-0" PROVIDED

OCCUPANCY LOAD CALCULATIONS

Booth Seating: **20 OCCUPANTS**
 Counter Seating: **22 OCCUPANTS**
 Tables: **18 OCCUPANTS**
 Kitchen (200 Gross): **5 OCCUPANTS**
TOTAL BUILDING OCCUPANTS: 77 OCCUPANTS

DINING ROOM SEATING

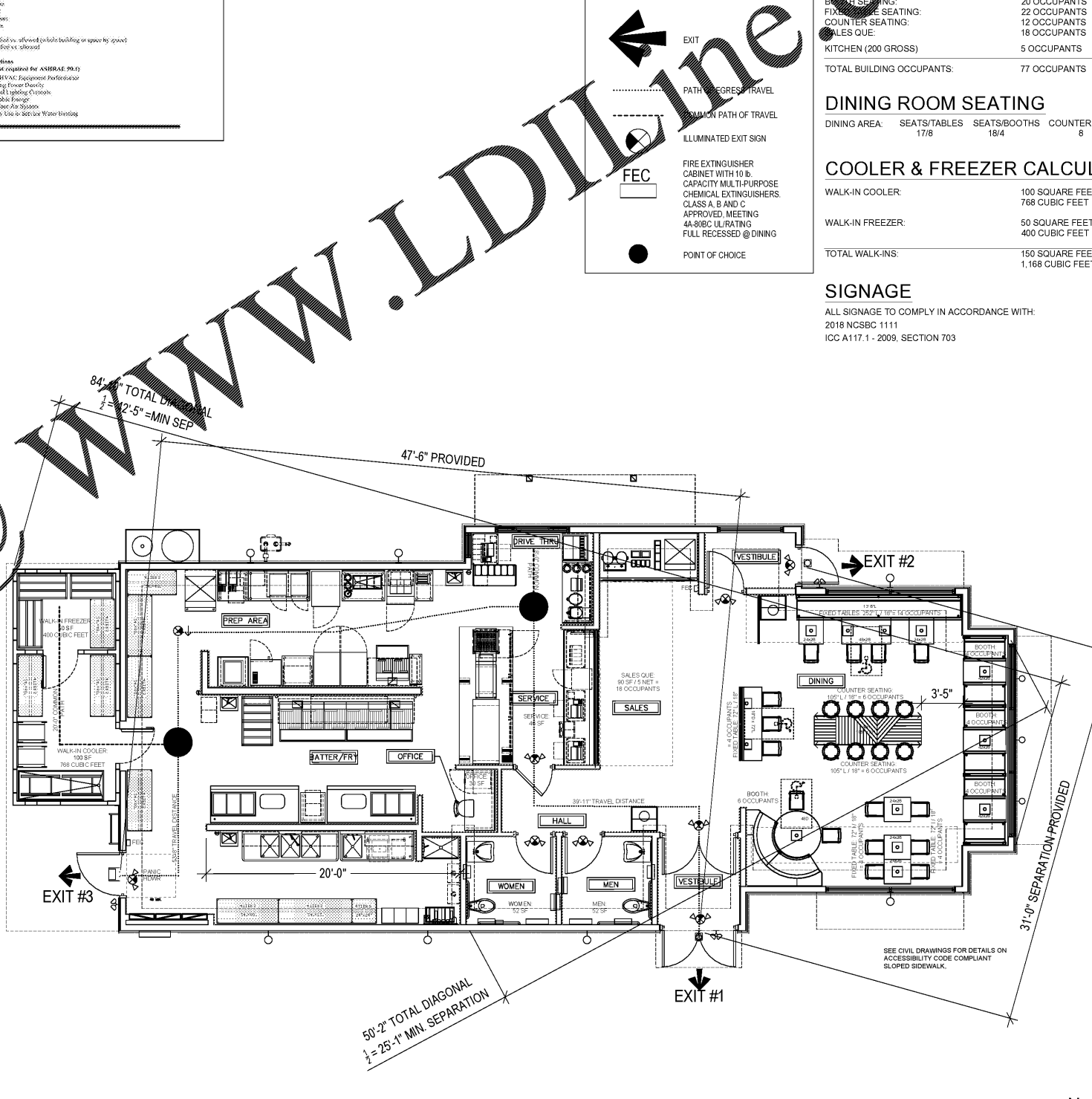
Dining Area: **17/8** Seats/Tables: **18/4** Counter Seats: **8** Total Seats: **43**

COOLER & FREEZER CALCULATIONS

Walk-in Cooler: **100 SQUARE FEET**
768 CUBIC FEET
 Walk-in Freezer: **50 SQUARE FEET**
400 CUBIC FEET
TOTAL WALK-INS: 150 SQUARE FEET
1,168 CUBIC FEET

SIGNAGE

All signage to comply in accordance with:
2018 NCSBC 1111
ICC A117.1 - 2009, SECTION 703



CODE COMPLIANCE PLAN
 1/4" = 1'-0"

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