



601 West 3rd Street
Pembroke, NC

APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2- FAMILY DWELLINGS AND TOWNHOUSES)

Name of Project: Cook Out Restaurant
Address: 601 W 3rd St Pembroke NC Zip Code: 28372

Proposed Use: Restaurant
Owner or Authorized Agent: John Armfield Phone #: 336-279-3242
Address: 15 Laura Lane / Suite 300 / Thomasville, NC 27360 Email: jarmfield@cookout.com

Owned By: City / County Private State

Code Enforcement Jurisdiction: City: Pembroke County: Robeson State: NC

LEAD DESIGN PROFESSIONAL

Table with columns: Designer, Firm, Name, License#, Telephone#, Email. Lists professionals like Lindsey Architecture, Alamanco Consulting Eng, etc.

2012 EDITION OF NC CODE FOR: New Construction Addition Upfit
EXISTING: Reconstruction Alteration Repair Renovation
Constructed: Original Use(s) (Ch. 3):
Renovated: Current Use(s) (Ch. 3):
Proposed Use(s) (Ch. 3):

BASIC BUILDING DATA

Construction Type: I-A, II-A, III-A, I-V, V-A, I-B, II-B, III-B, V-B
Sprinklers: No, Partial, Yes, NFPA 13, NFPA 13R, NFPA 13D
Standpipes: No, Yes Class I, II, III, Wet, Dry
Fire District: No, Yes(Primary), Flood Hazard Area, No, Yes
Building Height: 21' Feet, 1 Number of Stories
Mezzanine: No, Yes
Gross Building Area:
Floor: Existing (sq. ft.), New (sq. ft.), Sub-Total
6th Floor -- -- --
5th Floor -- -- --
4th Floor -- -- --
3rd Floor -- -- --
2nd Floor -- -- --
Mezzanine -- -- --
1st Floor -- 1047 1047
Cooler/Freezer -- 507 507
TOTAL -- 1554 1554

ALLOWABLE AREA

Primary Occupancy: Assembly, Educational, Factory, F-1 Moderate, F-2 Low, Hazardous, H-1 Detonate, H-2 Deflagrate, H-3 Combust, H-4 Health, H-5 HMP, Institutional, I-1, I-2, I-3, I-4, I-5, I-3 Use Condition, Mercantile, Residential, R-1, R-2, R-3, R-4, Storage, S-1 Moderate, S-2 Low, High Piled, Parking Garage, Utility and Miscellaneous
Secondary Occupancy:
Incidental Uses (Table 508.2.5): Furnace room, Rooms with boilers, Refrigerant machine room, Hydrogen cutoff rooms, Incinerator rooms, Paint shops, Laboratories, Laundry rooms, Group I-3 cells, Group I-2 waste and linen collection rooms, Waste and linen collection rooms, Stationary storage battery, Power plants, Rooms containing pumps, Group I-2 storage rooms, Group I-2 commercial kitchens, Group I-2 laundries, Group I-2 rooms or spaces

Mixed Occupancy: No Yes Separation: 0 Hr. Exception: --
Incidental Use Separation (508.2.5)
This separation is not exempt as a Non-Separated Use (see exceptions).
Non-Separated Use (508.3)
The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
Separated Use (508.4) - See below for area calculations
For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Actual Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy A + Allowable Area of Occupancy B <= 1

Table with columns: Story No., Description and use, (A) Bldg Area per story (Actual), (B) Table 503 Area, (C) Area for Frontage Increase, (D) Area for Sprinkler Increase, (E) Allowable Area or Unlimited, (F) Maximum Building Area. Row 1: 1st floor, Restaurant, 1554, 6000, 0, 0, 6000, --

- 1. Frontage area increase from Section 506.2 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = (F)
b. Total Building Perimeter = (P)
c. Ratio (F/P) = (F/P)
d. W = Minimum width of public way = (W)
e. Percent of frontage increase I = 100[(F/P) - .025] x W/30 = (%)
2. The sprinkler increase per Section 506.3 is as follows:
a. Multi-story building I = 200 percent
b. Single-story building I = 300 percent
3. Unlimited area applicable under conditions of Section 507.
4. Maximum Building Area = total number of stories in the building x E (506.4).
5. The maximum area of open parking garages must comply with Table 406.3.5. The maximum area of air traffic control towers must comply with Table 412.1.2.

ALLOWABLE HEIGHT

Table with columns: Allowable (Table 503), Increase for Sprinklers, Show on Plans, Code Reference. Type of Construction: V-B. Building Height in Feet: 40, Building Height in Stories: One

FIRE PROTECTION REQUIREMENTS

Table with columns: Building Element, Fire Separation Distance (Feet), Req'd (w/ reduction), Provided (w/ reduction), Detail # and Sheet #, Design# for rated assembly, Design# for rated penetration, Design# for rated joints. Rows include Structural frame, Nonbearing Walls and Partitions, Exterior Walls, Interior walls and partitions, Floor Construction, Shaft Enclosures, etc.

LIFE SAFETY SYSTEMS REQUIREMENT

Emergency Lighting: No Yes
Exit Signs: No Yes
Fire Alarm: No Yes
Smoke Detection Systems: No Yes
Panic Hardware: No Yes

EXIT REQUIREMENTS:

NUMBER AND ARRANGEMENT OF EXITS

Table with columns: Floor, Room, or Space Designation, Minimum Number of Exits, Travel Distance, Arrangement of Means of Egress, etc. Row 1: Restaurant, 2, 3, 200', 9', 4, 83'-2"

- 1. Corridor dead ends (Section 1018.4)
2. Single exit (Table 1018.2)
3. Common Path of Travel (Section 1014.3 & 1028.8)

EXIT WIDTH

Table with columns: Use Group or Space Description, Area, Calculated Occupant Load, Egress Width per Occupant, Required Width, Actual Width. Row 1: Comm. Kitchen, 1047, 200, 6, n/a, .2", n/a, 2.4", 108

- 1. See Table 1004.1.2 to determine whether net or gross area is applicable. See definition "Area, Gross" and "Area, Net" (Section 1002).
2. Minimum stairway width (Section 1005.1): min. corridor width (Section 1016.2): min. door width (Section 1008.1.1)
3. Minimum width of exit passageway (Section 1020.2)
4. See Section 1004.5 for converging exits.
5. The loss of one means of egress shall not reduce the available capacity to less than 50 percent of the total required (Section 1005.1)
6. Assembly occupancies (Section 1024)

LIST OF DRAWINGS

COVER SHEET & BUILDING CODE SUMMARY

CIVIL (BY OTHERS)

- COVER
C-1 EXISTING CONDITIONS & DEMO PLAN
C-2 SITE PLAN
C-3 GRADING PLAN
C-3A NPDES STABILIZATION PLAN
C-4 UTILITY PLAN
C-5 DETAILS
C-6 DETAILS
C-7 DETAILS
C-7A DETAILS
C-8 LANDSCAPE PLAN
C-9 LIGHTING PLAN

ARCHITECTURAL

- A0.1 COORDINATION PLAN
A0.2 COORDINATION ELEVATIONS
A1.0 LIFE SAFETY PLAN, ABBREVIATIONS, ADA MOUNTING HEIGHTS AND LEGEND
A1.1 FLOOR PLAN
A1.2 REFLECTED CEILING PLAN
A2.1 ELEVATIONS
A2.2 ELEVATIONS & SECTIONS
A3.1 WALL SECTIONS
A3.2 DETAILS
A3.3 WALL SECTIONS
A4.1 FINISH SCHEDULE, DOOR SCHEDULE, WALL TYPES

STRUCTURAL

- COVER
S1 FOUNDATION PLAN & ROOF FRAMING PLAN
S2 SECTIONS
S3 SECTIONS
S4 SECTIONS
S5 SECTIONS
S6 DETAILS
S7 SPECIFICATIONS AND CODE LOADS

MECHANICAL

- M-1 MECHANICAL PLAN
M-2 GAS PIPING PLAN
M-3 ROOF MECHANICAL PLAN
M-4 MECHANICAL DETAILS
1 HOOD
2 PIRANHA SYSTEMS
3 FANS

ELECTRICAL

- E-1 LIGHTING PLAN
E-2 ELECTRICAL PLAN
E-3 ROOF ELECTRICAL PLAN
E-4 ELECTRICAL DETAIL

PLUMBING

- P-1 PLUMBING PLAN
P-2 WATER PIPING PLAN
P-3 PLUMBING DETAILS
P-4 PLUMBING DETAILS

ACCESSIBLE PARKING (SECTION 106)
See Civil Drawings

STRUCTURAL DESIGN
See Structural Drawings

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

Table with columns: Use, No. Occupants, Waterclosets, Urinals, Lavatories, Showers/Tubs, Drinking Fountains. Row 1: Commercial Kitchen, Required, 6, 6, 1 Unisex, 1 Unisex, n/a, 0, 0



LINDSEY ARCHITECTURE
125 S. Elm Street, Suite 300
Greensboro, NC 27401
p. 336.617.4402
f. 336.617.4434
www.lindseyarchitecture.com