2018 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2 FAMILY DWELLINGS AND TOWNHOUSES)

Name of Project: Cook Out Restaurant
Address: 2557 Cobbs Ford Rd. Prattville AL Zip Code: 36066

Owner or Authorized Agent: Jeremy Reaves Phone #: 336-215-7025
Address: 15 Laura Lane - Suite 300 - Thomasville, NC 27360 Email: Jreaves@cookout.com

Owned By: ☐ City / County ■ Private ☐ State

Code Enforcement Jurisdiction: City: Prattville County: Autauga State: AL

LEAD DESIGN PROFESSIONAL

Designer	Firm	Name	License#	Telephone#	Email
Architectural	Lindsey Architecture	Rodney M. Lindsey	7786	336-617-4402	rod@lindseyarch.com
Civil	Commercial Site Designs	William B. Burchett	24304	919-398-6519	burchett@csiledesign.com
Electrical	Vrettros Pappas	Nicholas C. Vrettos	26673	704-338-1292	ncvrettos@vpce.com
Fire Alarm	--	--	--	--	--
Plumbing	Vrettros Pappas	Dino M. Pappas	33756	704-338-1292	dmpappas@vpce.com
Mechanical	Vrettros Pappas	Dino M. Pappas	33756	704-338-1292	dmpappas@vpce.com
Sprinkler-Standpipe	--	--	--	--	--
Structural	MEPC Engineering	Justin K. Plaisted	37884	336-593-9623	justin@mepc-consultants.com
Retaining Walls >5'High					
Other					

2015 INTERNATIONAL BUILDING CODE: ■ New Building ☐ Shell/Core ☐ 1st Time Interior Completions ☐ Addition ☐ Phased Construction - Shell Core

2015 INTERNATIONAL BUILDING CODE: (Check all that apply) ☐ Prescriptive ☐ Alteration Level I ☐ Historic Property ☐ Repair ☐ Alteration Level II ☐ Change of Use ☐ Chapter 14 ☐ Alteration III

Constructed: -- Original Use(s) (Ch. 3): --
Renovated: -- Proposed Use(s) (Ch. 3): Restaurant (A-2)
Occupancy Category (Table 1604.5): Current: -- Proposed: II

BASIC BUILDING DATA

Construction Type: (check all that apply) ☐ I-A ☐ I-B ☐ II-A ☐ II-B ☐ III-A ☐ III-B ☐ I-V ☐ V-A ■ V-B

Sprinklers: ■ No ☐ Partial ☐ NFPA 13 ☐ NFPA 13R ☐ NFPA 13D

Standpipes: ■ No Class ☐ I ☐ II ☐ III ☐ Wet ☐ Dry

Primary Fire District: ■ No ☐ Yes Flood Hazard Area ■ No ☐ Yes

Special Inspections Required: ■ No ☐ Yes

Gross Building Area Table:

Floor:	Existing (sq. ft.)	New (sq. ft.)	Sub-Total
6th Floor	--	--	--
5th Floor	--	--	--
4th Floor	--	--	--
3rd Floor	--	--	--
2nd Floor	--	--	--
Mezzanine	--	--	--
1st Floor	--	2,900	2,900
Basement	--	--	--
TOTAL		2,900	2,900

ALLOWABLE AREA

Primary Occupancy:
☐ Assembly ☐ A-1 ■ A-2 ☐ A-3 ☐ A-4 ☐ A-5
☐ Business
☐ Educational
☐ Factory ☐ F-1 Moderate ☐ F-2 Low
☐ Hazardous ☐ H-1 Detonate ☐ H-2 Deflagrate ☐ H-3 Combust ☐ H-4 Health ☐ H-5 HPM
☐ Institutional ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4
I-3 Use Condition ☐1 ☐2
I-2 Use Condition ☐1 ☐2
I-3 Use Condition ☐1 ☐2 ☐3 ☐4 ☐5
☐ Mercantile
☐ Residential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4
☐ Storage ☐ S-1 Moderate ☐ S-2 Low ☐ High Piled ☐ Parking Garage ☐ Open ☐ Enclosed ☐ Repair Garage
☐ Utility and Miscellaneous

Accessory Occupancy Classification(S):
Incidental Uses (Table 509):
This separation is not exempt as a Non-Separated Use (see exceptions).
☐ Furnace room where any piece of equipment is over 400,000 Btu per hour input
☐ Rooms with boilers where the largest piece of equipment is over 15 psi and 10 horsepower
☐ Refrigerant machine room
☐ Hydrogen fuel gas rooms, not classified as Group H
☐ Incinerator rooms
☐ Paint shops, not classified as Group H, located in occupancies other than Group F
☐ Group E occupancies, laboratories and vocational shops not classified as Group H
☐ Ambulatory care facilities, laboratories not classified as Group I
☐ Laundry rooms over 100 square feet
☐ Group I-2, laundry rooms over 100 square feet
☐ Group I-2, laundries equal to or less than 100 square feet
☐ Group I-2, commercial kitchens
☐ Group I-2, rooms or spaces that contain fuel-fired heating equipment
☐ Group I-3 cells and Group I-2 patient rooms equipped with padded surfaces
☐ Group I-2, physical plant maintenance shops
☐ In ambulatory care facilities or Group I-2 occupancies, waste and linen collection rooms with containers that have an aggregate volume of 10 cubic feet or greater
☐ In other than ambulatory care facilities and Group I-2 occupancies, waste and linen collection rooms over 100 square feet
☐ Stationary storage battery systems having a liquid electrolyte capacity of more than 50 gallons for flooded lead-acid, nickel cadmium or VRLA, or more than 1,000 pounds for lithium-ion and lithium metal polymer used for facility standby power, emergency power or uninterruptible power supplies
☐ Fuel storage rooms in public schools and boiler rooms in public schools
☐ Storage rooms underneath grandstands or bleacher seats containing combustible or flammable materials

Special Uses: ☐402 ☐403 ☐404 ☐405 ☐406 ☐407 ☐408 ☐409 ☐410 ☐411 ☐412 ☐413 ☐414 ☐415 ☐416 ☐417 ☐418 ☐419 ☐420 ☐421 ☐422 ☐423 ☐424 ☐425 ☐426 ☐427 ☐428 ☐429 ☐430

Special Provisions: ☐510.2 ☐510.3 ☐510.4 ☐510.6 ☐510.7 ☐510.8 ☐510.9

Mixed Occupancy: ■ No ☐ Yes Separation: -- Hr. Exception: --
■ Non-Separated Use (508.3)
☐ 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.

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

$$\frac{\quad}{\quad} + \frac{\quad}{\quad} + \dots \dots = \quad \leq 1.00$$

Story No.	Description and use	(A) Bldg Area per story (Actual)	(B) Table 506.2[4] Area	(C) Area for Frontage Increase[1,5]	(D) Allowable Area Per Story or Unlimited[2,3]
One	Restaurant	2,900	6,000	0	6,000
--	--	--	--	--	--
--	--	--	--	--	--
--	--	--	--	--	--

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)
2. Unlimited area applicable under conditions of Section 507.
3. Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
4. The maximum area of open parking garages must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.3.1.
5. Frontage increase is based on the unsprinklered area value in Table 506.2.

ALLOWABLE HEIGHT

	Allowable	Shown on Plans	Code Reference
Building Height in Feet (Table 504.3)	40	25'-0"	TBL. 504.3
Building Height in Stories (Table 504.4)	1	1	TBL. 504.4

[1] Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.

FIRE PROTECTION REQUIREMENTS

Building Element	Fire Separation Distance (Feet)	Rating Req'd	Rating Provided (w/__* reduction)	Detail # and Sheet #	Design# for rated assembly	Sheet # For rated penetration	Sheet # for rated joints
Structural Frame, including columns, girders, trusses	>30	NC	NC				
Bearing Walls							
Exterior							
North	--	NA	--				
East	--	NA	--				
West	--	NA	--				
South	--	NA	--				
Interior	--	NA	--				
Nonbearing Walls and Partitions							
Exterior Walls							
North	>30	0	--				
East	>30	0	--				
West	>30	0	--				
South	>30	0	--				
Interior walls and partitions	--	0	--				
Floor Construction Including supporting beams and joists	--	0	--				
Floor Ceiling Assembly	--	0	--				
Columns Supporting Floors	--	0	--				
Roof Construction, including supporting beams and joists	--	0	--				
Roof Ceiling Assembly	--	0	--				
Columns Supporting Roof	--	0	--				
Shaft Enclosures - Exit	--	0	--				
Shaft Enclosures - Other	--	0	--				
Corridor Separation	--	0	--				
Occupancy/Fire Barrier Separation	--	0	--				
Party/Fire Wall Separation	--	0	--				
Smoke Barrier Separation	--	0	--				
Smoke Partition	--	0	--				
Tenant Dwelling Unit/Sleeping	--	0	--				
Unit Separation	--	0	--				
Incidental Use Separation	--	0	--				

* Indicate section number permitting reduction

PERCENTAGE OF WALL OPENING CALCULATIONS

Fire Separation Distance (Feet) From Property Lines	Degree of Openings Protection (Table 705.8)	Allowable Area (%)	Actual Shown on Plans (%)
30 or greater	Unprotected, Nonsprinklered	No Limit	NA

LIFE SAFETY SYSTEMS REQUIREMENTS

Emergency Lighting:	☐ No	■ Yes
Exit Signs	☐ No	■ Yes
Fire Alarm	■ No	☐ Yes
Smoke Detection Systems	☐ No	■ Yes
Carbon Monoxide Detection	■ No	☐ Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: BCS 1.2

☐ Fire and/or smoke rated wall locations (Chapter 7)
☐ Assumed and real property line locations (if not on the site plan)
☐ Exterior wall opening area with respect to distance to assumed property lines (705.8)
■ Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
■ Occupant loads for each area
■ Exit access travel distances (1017)
■ Common path of travel distances (Table 1006.2.1 & 1006.3.2(1))
■ Dead end lengths (1020.4)
■ Clear exit widths for each exit door
■ Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
■ Actual occupant load for each exit door
☐ A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
■ Location of doors with panic hardware (1010.1.10)
☐ Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
☐ Location of doors with electromagnetic egress locks (1010.1.9.9)
☐ Location of doors with emergency escape windows (1030)
■ The square footage of each fire area (202)
☐ The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
☐ Note any code exceptions or table notes that may have been utilized regarding the items above

ACCESSIBLE DWELLING UNITS (SECTION 1107) NOT APPLICABLE

Total Units	Accessible Units Required	Accessible Units Provided	Type A Units Required	Type A Units Provided	Type B Units Required	Type B Units Provided	Total Accessible Units Provided
--	--	--	--	--	--	--	--

ACCESSIBLE PARKING (SECTION 1106) SEE CIVIL DWGS.

Lot or Parking Area	Total # of Parking Spaces		# of Accessible Spaces Provided			Total# Accessible Provided
	Required	Provided	Regular with 5' Access Aisle	Van Spaces With 132" Access Aisle	Van Spaces With 8' Access Aisle	
--	--	--	--	--	--	--
--	--	--	--	--	--	--
TOTAL	--	--	--	--	--	--

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1) SEE A1.0

Use		No. Occupants		Waterclosests		Urinals	Lavatories		Showers/ Tubs	Drinking Fountains	
		Male	Female	Male	Female		Male	Female		Regular	Accessible
Assembly A-2	Required	49	49	1	1	--	1	1	--	N/A	N/A
	Provided	--	--	1	2	2	1	2	--	N/A	N/A
--		--	--	-	-	--	-	-	--	--	--

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

ENERGY SUMMARY

ENERGY REQUIREMENTS

The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: ☐ (If checked, the remainder of this section is not applicable.)

Exempt Building: ☐ Provide code or statutory reference: --

Climate Zone: ■ 3A ☐ 4A ☐ 5A

Method of Compliance:
Energy Code: ☐ Performance ■ Prescriptive
ASHRAE 90.1: ☐ Performance ☐ Prescriptive
Other: ☐ Performance (specify source)

THERMAL ENVELOPE: (Prescriptive method only)

Roof/ceiling Assembly (each Assembly)
Description of assembly: 60 Mil white fabertight roof over polyiso insulation on 1 1/2" metal deck.
U-Value of total assembly: --
R-Value of insulation: 35 Polyiso
Skylights in each assembly: NA
U-Value of skylight: NA
total square footage of skylights in each assembly: NA

Exterior Walls (each assembly)
Description of assembly: Brick veneer over R7.5 rigid cont. insulation, bldg. wrap, 1 1/2" plywood sheathing on 6" mtl. studs at 16" o.c. with 1/2" plywood under FRP panels.
U-Value of total assembly: --
R-Value of insulation: R-19 Batt + R7.5 C.L.
Openings (windows or doors with glazing)
U-Value of assembly 0.65
Solar heat gain coefficient 0.70
projection factor: 0.2
Door R-Values: 1.43

Walls below grade (each assembly)
Description of assembly: NA
U-Value of total assembly: --
R-Value of insulation: --

Floors over unconditioned space (each assembly)
Description of assembly: NA
U-Value of total assembly: --
R-Value of insulation: --

Floors slab on grade
Description of assembly: 4" Concrete slab on grade over 6mm poly over 4" stone base.
U-Value of total assembly: --
R-Value of insulation: --
Horizontal/vertical requirement: 10
slab heated: NO

STRUCTURAL DESIGN REFER TO STRUCTURAL DRAWINGS

MECHANICAL SUMMARY REFER TO MECHANICAL DRAWINGS

ELECTRICAL SUMMARY REFER TO ELECTRICAL DRAWINGS

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STATE OF ALABAMA
RODNEY M. LINDSEY
Lic.No. 7786
REGISTERED ARCHITECT

COOKOUT
2557 COBBS FORD RD
PRATTVILLE AL, 36066

MK DATE DESCRIPTION
REVISIONS

BUILDING CODE SUMMARY

DATE 07/01/2019
DRAWN BY ERH
CHECK BY RML
JOB NO 19-031
SHEET

BCS1.1