

2012 APPENDIX B
BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2- FAMILY DWELLINGS AND TOWNHOUSES)

Name of Project: Cook - Out
Address: 975 W. Poplar Ave./ Collierville, TN Zip Code: 38017

Proposed Use: Restaurant
Owner or Authorized Agent: Jeremy Reaves Phone #: 336-215-7025
Address: 15 Laura Lane / Suite 300 / Thomasville, NC 27360 Email: --

Owned By: City / County Private State
Code Enforcement Jurisdiction: City: --- County: Shelby State: --

LEAD DESIGN PROFESSIONAL

Designer	Firm	Name	License#	Telephone#	Email
Architectural	Lindsey Architecture	Rodney Lindsey	104169	336-617-4402	rod@lindseyarch.com
Electrical	VP Engineering	Nicholas C. Vrettos	108824	336-372-7555	ncvrettos@vpce.com
Plumbing	VP Engineering	Dino M. Pappas	108931	336-372-7555	dmpappas@vpce.com
Mechanical	VP Engineering	Dino M. Pappas	108931	336-372-7555	dmpappas@vpce.com
Sprinkler-Standpipe	--	--	--	--	--
Structural	--	--	--	--	--
Retaining Walls >5'High	--	--	--	--	--
Other	--	--	--	--	--

SCOPE OF WORK: 2012

INTERIOR RENOVATIONS include new walls, new floor, ceiling, and wall finishes; new doors; new windows; new furnishings, new kitchen equipment; plumbing work to include new fixtures, drains, piping, sanitary, mechanical work includes new units, ducts, and controls; electrical work includes new wiring, outlets, lighting, fans;
EXTERIOR RENOVATIONS include re-facing the existing walls with new stone veneer and brick pilasters; new concrete slab for cooler/freezer, re-face existing dumpster enclosure with stone veneer to match building; seal coat or re-pave parking lot and re-stripe; replace landscaping; new menu boards, signs.

20012 EDITION OF IBC FOR:

EXISTING: Reconstruction Alteration Repair Renovation

Constructed: 2000 Original Use(s) (Ch. 3): Restaurant
Renovated: unknown Current Use(s) (Ch. 3): Restaurant
Proposed Use(s) (Ch. 3): Restaurant

BASIC BUILDING DATA

Construction Type: I-A II-A III-A I-V V-A
(check all that apply) I-B II-B III-B V-B (Existing Bldg.)

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: 13'-9 +/- Feet 1 Number of Stories

Mezzanine No Yes

Gross Building Area:

Floor: Existing (sq. ft.) Renovated (sq. ft.) Sub-Total

	--	--	--
Existing Building	2,057	2,057	--
Cooler	178	226	--
	--	--	--
TOTAL	2,235	2,283	--

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 HMP
 Institutional I-1 I-2 I-3 I-4
 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

Secondary Occupancy: None

Incidental Uses (Table 508.2.5):

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 cutoff rooms, not classified as Group H
 Incinerator rooms
 Paint shops, not classified as Group H, located in enclosures other than Group F
 Laboratories and vocational shops, not classified as Group H, located in a Group E or I-2 occupancy
 Laundry rooms over 100 square feet
 Group I-3 cells equipped with padded surfaces
 Group I-2 waste and linen collection rooms
 Waste and linen collection rooms over 100 square feet
 Stationary storage battery systems having a liquid electrolyte capacity of more than 50 gallons, or a lithium capacity of more than 100 kilowatt hours used for standby power, emergency power or uninterrupted power supplies
 Roof-top air conditioning pumps
 Group I-2 mercantile kitchens over 100 square feet
 Group I-2 mercantile kitchens
 Group I-2 mercantile kitchens with less than 100 square feet
 Group I-2 rooms or spaces that contain fuel-fired heating equipment

Special Provisions: 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

Special Provisions: 509.2 509.3 509.4 509.6 509.7 509.8 509.9

COOK OUT

975 W. Poplar Ave.
Collierville, TN

LIFE SAFETY SYSTEMS REQUIREMENT

Emergency Lighting: No Yes
Exit Signs: No Yes
Fire Alarm: No Yes
Smoke Detection Systems: No Yes (Duct type) Partial
Panic Hardware: No Yes

EXIT REQUIREMENTS:

NUMBER AND ARRANGEMENT OF EXITS

Floor, Room, or Space Designation	Minimum Number of Exits		Travel Distance		Arrangement Means of Egress 1,3 (Section 1010.1)	
	Required	Shown on plans	Allowable Travel Distance (Table 1016)	Actual Travel Distance Shown on Plans	Required Distance Between Exit Doors	Actual Distance Shown on Plans
Restaurant	2	3	200'	70'-0"	--	--11"
--	--	--	--	--	--	--
--	--	--	--	--	--	--
--	--	--	--	--	--	--
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- Corridor dead ends (Section 1018.4)
- Single exits (Table 1018.2)
- Common Path of Travel (Section 1014.3 & 1028.8)

EXIT WIDTH

Use or Space Designation	Area, sq. ft.	Occupant Load (Table 1004.2)	Calculated Occupant Load	Exit Width (in.) 2,3,4,5,6			
				Egress Width per Occupant (Table 1005.1)		Required Width (Section 1005.01) (a - b) x c	
				Stair	Level	Stair	Level
Commercial Kitchen	48	200	2 (12*)	NA	0.2	NA	2.4*
Dining Area (fixed)	42	42	NA	0.2	NA	8.4*	NA
Waiting Area	119	7	4	NA	0.2	NA	0.8*
	--	--	--	--	--	--	--
Total			58	Total Required		11.6'	99*

* Actual kitchen crew size = 12

- See Table 1004.1.2 to determine whether net or gross area is applicable.
- See definition "Area, Gross" and "Area, Net" (Section 1002)
- Minimum stairway width (Section 1005.1); min. corridor width (Section 1016.2); min. door width (Section 1008.1.1)
- Minimum width of exit passageway (Section 1020.2)
- See Section 1004.5 for converging exits.
- 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)
- Assembly occupancies (Section 1024)

LIST OF DRAWINGS

COVER BUILDING CODE SUMMARY

ARCHITECTURAL

- A0.1 LIFE SAFETY PLAN, ABBREVIATIONS, SYMBOLS AND ADA CLEARANCES
- A0.2 SITE PLAN
- AD1.1 DEMO FLOOR AND CEILING PLANS
- A1.0 COORDINATION PLAN
- A1.1 FLOOR PLAN
- A1.2 REFLECTED CEILING PLAN
- A2.1 ELEVATIONS
- A2.2 ELEVATIONS
- A3.1 DOOR AND FINISH SCHEDULES AND DETAILS
- WALL PARTITION TYPES AND FINISH SCHEDULE

MECHANICAL

- M1 MECHANICAL SCHEDULES, NOTES, AND LEGEND
- M2 MECHANICAL FLOOR PLAN
- M3 MECHANICAL DETAILS
- M4 KITCHEN HOOD DETAILS
- M5 KITCHEN HOOD DETAILS
- M6 KITCHEN SUPPLY FAN DETAILS
- M7 KITCHEN EXHAUST FAN DETAILS

ELECTRICAL

- E1 ELECTRICAL SCHEDULE, NOTES, AND LEGEND
- E2 ELECTRICAL POWER PLAN AND NOTES
- E3 ELECTRICAL LIGHTING PLAN AND NOTES
- E4 ELECTRICAL PANEL SCHEDULE, RISER & DETAILS

PLUMBING

- P1 PLUMBING SCHEDULE, NOTES, AND LEGEND
- P2 PLUMBING SCHEDULES
- P3 SANITARY WASTE PLAN
- P4 WATER SUPPLY FLOOR PLAN
- P5 GAS PIPING PLAN
- P6 PLUMBING DETAILS

ACCESSIBLE PARKING (SECTION 1106) (Existing - Change to # of parking spaces)

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

Use	Required Provided	Occupants		Waterclosets		Urinals	Lavatories			Showers/ Tubs	Drinking Fountains	
		Male	Female	Male	Female	Unisex	Male	Female	Unisex	Regular	Accessible	
Restaurant	10	30	1	1	--	--	1	1	--	NA	NA	NA

SPECIAL APPROVALS

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

ENERGY SUMMARY (EXISTING BUILDING)

MECHANICAL SUMMARY (SEE MECHANICAL DRAWINGS)

ELECTRICAL SUMMARY (SEE ELECTRICAL DRAWINGS)



01/28/2011

Project No. 17-019-000

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