2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)
(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: TACO BELL - STONEY POINT
Address: ROCKFISH RD, FAYETTEVILLE, Zip Code: 28306
Owner/Authorized Agent: JUDITH FINKNER Phone #(919) 544-0087 E-mail:JFINKNER@LMHT.COM
Owned By: FLYNN RESTAURANT GROUP
Code Enforcement Jurisdiction: CITY OF FAYETTEVILLE

CONTACT:

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	EMAIL
Architectural	N.R.D.	CHRISTOPHER WOOD	15690	(919)544-0087	CWOOD@LMHT.COM
Civil	CEC	MICHAEL THOMPSON	(317)570-8800	MATHOMPSON@CECINC.COM	
Electrical	N.R.D. ASSOC.	JAY PATEL	049994	(919)544-0087	JPATEL@LMHT.COM
Fire Alarm					
Plumbing	N.R.D. ASSOC.	SHAWN SLYTER	32078	(919)544-0087	SSLYTER@LMHT.COM
Mechanical	N.R.D. ASSOC.	JOSEPH MORGAN	40760	(919)544-0087	JMORGAN@LMHT.COM
Sprinkler-Standpipe					
Structural	BRITT, PETERS & ASSOC. INC.			(919)965-5688	
Retaining Walls>5' High					
Other					

("Other" should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

2018 NC BUILDING CODE: ☒ New Building ☐ Addition ☐ Renovation
☐ 1st Time Interior Completion
☐ Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
☐ Phased Construction - Shell/Core- Contact the local inspection jurisdiction for possible additional procedures and requirements

2018 NC EXISTING BUILDING CODE: EXISTING: ☐ Prescriptive ☐ Repair ☐ Chapter 14
Alteration: ☐ Level I ☐ Level II ☐ Level III
☐ Historic Property ☐ Change of Use

CONSTRUCTED: (date) _____ CURRENT OCCUPANCY(S) (Ch. 3): _____
RENOVATED: (date) _____ PROPOSED OCCUPANCY(S) (Ch. 3):
RISK CATEGORY (Table 1604.5): **Current:** ☐ I ☐ II ☐ III ☐ IV
Proposed: ☐ I ☒ II ☐ III ☐ IV

BASIC BUILDING DATA
Construction Type: ☐ I-A ☐ II-A ☐ III-A ☐ IV ☐ V-A
(check all that apply) ☐ 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 **Flood Hazard Area:** ☐ No ☐ Yes
Special Inspections Required: ☒ No ☐ Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

Gross Building Area Table

FLOOR	EXISTING (SQ. FT)	NEW (SQ FT)	SUB-TOTAL
3rd Floor	N/A	N/A	N/A
2nd Floor	N/A	N/A	N/A
Mezzanine	N/A	N/A	N/A
1st Floor	N/A	2288	2288
Basement	N/A	N/A	N/A
TOTAL	N/A	N/A	2288

ALLOWABLE AREA

Primary Occupancy Classification(s): Select one Select one Select one Select one Select one Select one
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 Condition ☐ 1 ☐ 2
☐ I-2 Condition ☐ 1 ☐ 2
☐ I-3 Condition ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5
☐ I-4
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):
Special Uses (Chapter 4 – List Code Sections):
Special Provisions: (Chapter 5 – List Code Sections):
Mixed Occupancy: ☒ No ☐ Yes Separation: ____ Hr. Exception: _____

☐ 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 shallbe 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 < 1
Allowable Area of Occupancy A Allowable Are of Occupancy B

_____ + _____ ..... = _____ < 1.00

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.24 AREA	(C) AREA FOR FRONTAGE INCREASE1,5	(D) ALLOWABLE AREA PER STORY OR UNLIMITED2,3
1	RESTAURANT	2288 S.F.	6000 S.F.	N/A	6000 S.F.

1 Frontage area increases from Section 506.3 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 If = 100[F/P – 0.25] x W/30 = _____ (%)
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.
5 Frontage increase is based on the unsprinklered area value in Table 506.2.

CAUTION: IF THIS SHEET IS NOT 22"x34" IT IS A REDUCED PRINT

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ALLOWABLE HEIGHT

	ALLOWABLE	SHOWN ON PLANS	CODE REFERENCE 1
Building Height in Feet (Table 504.3)	40	25'-0"	
Building Height in Stories (Table 504.4)	1	1	

1. Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
2. The maximum height of air traffic control towers must comply with Table 412.3.1.
3. The maximum height of open parking garages must comply with Table 406.5.4.

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'	0	0	-	-	-	-
Bearing Walls				-	-	-	-
Exterior	-			-	-	-	-
North	>30'	0	0	-	-	-	-
East	>30'	0	0	-	-	-	-
West	>30'	0	0	-	-	-	-
South	>30'	0	0	-	-	-	-
Interior				-	-	-	-
Non-bearing Walls and Partitions							
Exterior Walls							
North	>30'	0	0	-	-	-	-
East	>30'	0	0	-	-	-	-
West	>30'	0	0	-	-	-	-
South	>30'	0	0	-	-	-	-
Interior Walls and Partitions	>30'	0	0	-	-	-	-
Floor Construction including supporting beams and joists		0	0	-	-	-	-
Floor Ceiling Assembly		0	0	-	-	-	-
Columns Supporting Floors		0	0	-	-	-	-
Roof Construction, including supporting beams and joists		0	0	-	-	-	-
Roof Ceiling Assembly		0	0	-	-	-	-
Columns Supporting Roof		0	0	-	-	-	-
Shaft Enclosures - Exit		0	0	-	-	-	-
Shaft Enclosures - Other		0	0	-	-	-	-
Corridor Separation		0	0	-	-	-	-
Occupancy/Fire Barrier Separation		0	0	-	-	-	-
Party/Fire Wall Separation		0	0	-	-	-	-
Smoke Barrier Separation		0	0	-	-	-	-
Smoke Partition		0	0	-	-	-	-
Tenant/Dwelling Unit/Sleeping Unit Separation		0	0	-	-	-	-
Incidental Use Separation		0	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 (%)

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: ☐ No ☒ Yes
Exit Signs: ☐ No ☒ Yes
Fire Alarm: ☒ No ☐ Yes
Smoke Detection Systems: ☐ No ☐ Yes ☒ Partial _____
Carbon Monoxide Detection: ☐ No ☒ Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: G1.0 AND G2.0

☐ 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 (Tables 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 equipped with hold-open devices
☐ Location of 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)

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
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ACCESSIBLE PARKING
(SECTION 1106) REFER TO CIVIL DRAWINGS BY OTHERS

LOT OR PARKING AREA	TOTAL # OF PARKING SPACES REQUIRED	TOTAL # OF PARKING SPACES PROVIDED	# OF ACCESSIBLE SPACES PROVIDED REGULAR WITH 5' ACCESS AISLE	VAN SPACES WITH 132" ACCESS AISLE	VAN SPACES WITH 8' ACCESS AISLE	TOTAL # ACCESSIBLE PROVIDED
TOTAL						

PLUMBING FIXTURE REQUIREMENTS
(TABLE 2902.1)

USE	WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	LAVATORIES UNISEX	SHOWERS / TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE EXIST'G	0	0	0	0	0	0	0	0	0	0
NEW	1	1	0	0	1	1	0	0	0	0
REQ'D	1	1	0	0	1	1	0	0	0	0

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: ☐ No ☐ Yes (The remainder of this section is not applicable)

Exempt Building: ☒ No ☐ Yes (Provide code or statutory reference):

Climate Zone: ☒ 3A ☐ 4A ☐ 5A

Method of Compliance: Energy Code ☐ Performance ☒ Prescriptive ☐ Com-Check
ASHRAE 90.1 ☐ Performance ☐ Prescriptive ☐ Com-Check
(If "Other" specify source here)

THERMAL ENVELOPE (Prescriptive method only)

Roof/ceiling Assembly (each assembly)
Description of assembly: WOOD DECK WITH WOOD TRUSSES @ 2'-0" O.C.; INSULATION ENTIRELY ABOVE DECK
U-Value of total assembly: U-0.039 MAX.
R-Value of insulation: R-25ci MIN.
Skylights in each assembly: N/A
U-Value of skylight: _____
total square footage of skylights in each assembly:_____

Exterior Walls (each assembly)
Description of assembly: 2x6 WOOD STUDS@16" O.C. WITH 1/2" EXTERIOR SHEATHING, CEMENT FIBER BOARD SIDING WITH R-19 IN WALL CAVITY
U-Value of total assembly: U-0.064 MAX.
R-Value of insulation: R-20 MIN.
Openings (windows or doors with glazing)
U-Value of assembly: U-0.032 MAX.
Solar heat gain coefficient: U-0.25 MAX.
projection factor: U-0.21 TYP.
Door R-Values: U-0.77 TYP.

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

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

Floors slab on grade
Description of assembly: _____
U-Value of total assembly: _____
R-Value of insulation: _____
Horizontal/vertical requirement: _____
slab heated: _____

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
STRUCTURAL DESIGN
(PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS:

Importance Factors: Snow (IS) _____1.0
Seismic (IE) _____1.0

Live Loads: Roof _____20__ psf
Mezzanine _____ psf
Floor _____ psf

Ground Snow Load: _____15_ psf

Wind Load: Ultimate Wind Speed _115____ mph (ASCE-7)
Exposure Category _____B___

SEISMIC DESIGN CATEGORY: ☐ A ☐ B ☐ C ☒ D
Provide the following Seismic Design Parameters:
Risk Category (Table 1604.5) ☐ I ☒ II ☐ III ☐ IV
Spectral Response Acceleration SS_____ %g S1_____ %g
Site Classification (ASCE 7) ☐ A ☒ B ☐ C ☐ D ☐ E ☐ F
Data Source: ☐ Field Test ☐ Presumptive ☐ Historical Data
Basic structural system ☒ Bearing Wall ☐ Dual w/Special Moment Frame
☐ Building Frame ☐ Dual w/Intermediate R/C or Special Steel
☐ Moment Frame ☐ Inverted Pendulum
Analysis Procedure: ☐ Simplified ☒ Equivalent Lateral Force ☐ Dynamic
Architectural, Mechanical, Components anchored? ☐ Yes ☐ No

LATERAL DESIGN CONTROL: **Earthquake** ☐ Wind ☐

SOIL BEARING CAPACITIES:
Field Test (provide copy of test report) _____ psf
Presumptive Bearing capacity _____ psf
Pile size, type, and capacity _____

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
MECHANICAL DESIGN
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone
winter dry bulb: 22.2 F
summer dry bulb: 96.4 F

Interior design conditions
winter dry bulb: 70/68 F
summer dry bulb: 74/78 F
relative humidity: 50%/MH

Building heating load: 95.3 MBH

Building cooling load: 207.7 MBH

Mechanical Spacing Conditioning System
Unitary — RTU-1 COOLING WITH GAS HEAT — RTU-2 COOLING WITH GAS HEAT
description of unit:
heating efficiency: 80% 80%
cooling efficiency: 12.6 EER 12.1 EER
size category of unit: 7.5 TON 12.5 TON
Boiler
Size category. If oversized, state reason.: N/A
Chiller
Size category. If oversized, state reason.: N/A

List equipment efficiencies: SEE SHEET M1

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance: Energy Code ☐ Performance ☒ Prescriptive
ASHRAE 90.1 ☐ Performance ☐ Prescriptive

Lighting schedule (each fixture type)
lamp type required in fixture SEE FIXTURE SCHEDULE ON E4.0
number of lamps in fixture SEE FIXTURE SCHEDULE ON E4.0
ballast type used in the fixture SEE FIXTURE SCHEDULE ON E4.0
number of ballasts in fixture SEE FIXTURE SCHEDULE ON E4.0
total wattage per fixture SEE FIXTURE SCHEDULE ON E4.0
total interior wattage specified vs. allowed (whole building): 1510W vs. 1995W
total exterior wattage specified vs. allowed 117W vs. 600W

Additional Efficiency Package Options
(When using the 2018 NCECC; not required for ASHRAE 90.1)
☐ C406.2 More Efficient HVAC Equipment Performance
☒ C406.3 Reduced Lighting Power Density
☐ C406.4 Enhanced Digital Lighting Controls
☐ C406.5 On-Site Renewable Energy
☐ C406.6 Dedicated Outdoor Air System
☐ C406.7 Reduced Energy Use in Service Water Heating

NRD #22229 Flynn Restaurant Group

national restaurant designers
N.R.D. ARCHITECTS & ENGINEERS
7208 Acc Blvd, 2nd Floor Raleigh NC 27617
phone: 919.544.0087 fax: 919.544.9389
A Division of LMHT Associates

CHRISTOPHER N. WOOD — REGISTERED ARCHITECT — 15690 — NORTH CAROLINA
2022.06.09 12:18:29 -04'00'

06-01-2022
PERMIT SET

CONSULTANT'S SEAL

	DATE	REMARKS

CONTRACT DATE:
BUILDING TYPE: END. MED 40
PLAN VERSION: MARCH 2021
BRAND DESIGNER:
SITE NUMBER: 315577
STORE NUMBER: 457793
PA/PM: CNW
DRAWN BY.: CNW
JOB NO.: 22229

ENDEAVOR 2.0
ROCKFISH RD (NEAR BELSHAW WAY)
FAYETTEVILLE, NC 28306
"Stoney Point"

ENDEAVOR 2.0
Appendix B

G0.1

PLOT DATE: 6/9/2022 10:22:44 AM