

**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** existing - no changes

**Thermal Zone**

winter dry bulb: \_\_\_\_\_  
summer dry bulb: \_\_\_\_\_

**Interior design conditions**

winter dry bulb: \_\_\_\_\_  
summer dry bulb: \_\_\_\_\_  
relative humidity: \_\_\_\_\_

**Building heating load:** \_\_\_\_\_

**Building cooling load:** \_\_\_\_\_

**Mechanical Spacing Conditioning System**

**Unitary**

description of unit: \_\_\_\_\_  
heating efficiency: \_\_\_\_\_  
cooling efficiency: \_\_\_\_\_  
size category of unit: \_\_\_\_\_

**Boiler**

Size category. If oversized, state reason.: \_\_\_\_\_

**Chiller**

Size category. If oversized, state reason.: \_\_\_\_\_

**List equipment efficiencies:** \_\_\_\_\_

2018 NC Administrative Code and Policies

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

**ELECTRICAL SUMMARY**

existing - no changes

**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 \_\_\_\_\_  
number of lamps in fixture \_\_\_\_\_  
ballast type used in the fixture \_\_\_\_\_  
number of ballasts in fixture \_\_\_\_\_  
total wattage per fixture \_\_\_\_\_  
total interior wattage specified vs. allowed (whole building or space by space) \_\_\_\_\_  
total exterior wattage specified vs. allowed \_\_\_\_\_

**Additional Efficiency Package Options**

(When using the 2018 NCEEC; 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

2018 NC Administrative Code and Policies

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SITE NUMBER:	03302
BASE MODEL:	3076
ASSET TYPE:	FRANCHISE
CLASSIFICATION:	REFRESH LITE
OWNER:	TAR HEEL CAPITAL
BASE VERSION:	2016 JUL
UPGRADE CLASSIFICATION:	N/A
PROJECT YEAR:	2020
FURNITURE PACKAGE:	UM BRIGHT
DRAWING RELEASE:	FALL 2019

Project No. **19-133**

**snidplus**  
ARCHITECTS

*Results!*

Design +,

Bardstown-Eastern Building  
1449 Bardstown Rd., Suite 200  
Louisville, Kentucky 40204  
(502) 454-3011 (502) 454-4311 (fax)

**Wendy's.**

1210 HIGHWAY 70 SOUTHWEST  
HICKORY, NC. 28602

REV.	DATE	DESCRIPTION

ISSUE DATE: 1/6/2020  
PROJECT NUMBER: 03302  
DRAWN BY: KEN BROWN  
CHECKED BY: KEN BROWN



1/6/2020

SHEET NAME  
**APPENDIX B**

SHEET NUMBER  
**APP2**