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

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone

winter dry bulb: °F
summer dry bulb: °F

Indoor design conditions

winter dry bulb: °F
summer dry bulb: °F
relative humidity: %

Building heating load: 115 MBtu

Building cooling load: 44 MBtu

Mechanical Equipment Conditioning Systems

Unitary
description of unit: 1-2 TON 300 BTU
heating efficiency: 85%
cooling efficiency: 11.0000 BTU
size category of unit: 10000 BTU
Brand:
type category: If oversized, state reason: N/A
size category: If oversized, state reason: N/A

LAM equipment efficiencies: 11.0000

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 SYSTEM AND EQUIPMENT

Method of Compliance: Energy Code: ASHRAE 90.1 ASHRAE 90.1-2010

Lighting schedule: (each fixture) _____
lamp type: report fixture
number of lamps: _____
fixture power: _____
number of ballasts: _____
ballast per fixture: _____

_____ allowed, (whole building or space by space)
if exterior signage specified vs. allowed

Conservation Package Options

Energy Star 100% NCCEC (not required for ASHRAE 90.1)
 Move Efficient HVAC Equipment Performance
 Add Enhanced Lighting Power Limiting
 Add Enhanced Lighting Controls
 Add 10% On-Site Renewable Energy
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2018 NC Administrative Code and Policies

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CONSULTANTS



CHARLOTTE, NC
JOB NUMBER: 1814004
PROTO: SAMS-192
CLUB NO.: 6540

ISSUE BLOCK

NO.	DESCRIPTION	DATE

CHECKED BY: TTH
DRAWN BY: JC
FILE NAME: 192-FSA5
PROTO CYCLE: 10/26/18
DOCUMENT DATE: 09/20/19

NOT FOR CONSTRUCTION

BUILDING CODE SUMMARY

SHEET: FSA5