

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

Name of Project: State Employees' Credit Union - Charlotte - Albemarle Rd - Remote ATM Additions, Address: 6630 Executive Circle, Charlotte, NC Zip Code: 28212

CONTACT: Don Schmitt - BHDP Architecture don.schmitt@bhdp.com, Designer: BHDP Architecture, Licensee: Lawrence D. Genzaro

2013 NC BUILDING CODE: New Building, 2013 NC EXISTING BUILDING CODE: N/A, CONSTRUCTED: (date) N/A, CURRENT OCCUPANCY(S) (R, S, C): N/A

BASIC BUILDING DATA, Construction Type: II-B, Sprinklers: No, Standpipes: No, Primary Fire District: No, Flood Hazard Area: No

Table with 4 columns: FLOOR, EXISTING (SQ FT), NEW (SQ FT), SUB-TOTAL. Rows for ATM Kiosk Building and TOTAL.

2018 NC Administrative Code and Policies, Special approval: (Local jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)

ENERGY REQUIREMENTS: The following data shall be considered minimum and any special attributes required to meet the energy code shall also be provided.

Existing building envelope complies with code N/A, Exempt Building: N/A, Climate Zone: N/A, Method of Compliance: N/A

THERMAL ENVELOPE, Roofing Assembly (each assembly), Exterior Walls (each assembly), Walls below grade (each assembly), Floors over unconditioned space (each assembly), Floors slab on grade

2018 NC Administrative Code and Policies

ALLOWABLE AREA, Primary Occupancy Classification(s): Utility and Miscellaneous, Accessory Occupancy Classification(s):, Incidental Uses (Table 509):

Table with 7 columns: AREA, HEIGHT, USE, etc. for occupancy classification.

Frontage area increases from Section 506.2 are corrected thus: a. Perimeter which fronts a public way on open space having 20 feet minimum width

Table with 4 columns: ALLOWABLE, MAXIMUM, TYPE, etc. for allowable height.

Table with 7 columns: REQUIREMENT, MEANS OF EGRESS, etc. for fire protection requirements.

2018 NC Administrative Code and Policies

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS STRUCTURAL DESIGN

DESIGN LOADS, Importance Factors: Wind (Ic): N/A, Live Loads: Roof, Merzbanic, Floor

Ground Snow Load: Wind: 140 mph (ASCE-7)

SEISMIC DESIGN CATEGORY, Spectral Response Acceleration: Ss = 0.075, Sd1 = 0.075

LATERAL DESIGN CONTROL: Wind, SOIL BEARING CAPACITIES: Field Test (provide copy of test report)

2018 NC Administrative Code and Policies

Table with 7 columns: WALL, FLOOR, ROOF, etc. for life safety system requirements.

Table with 4 columns: FIRE SEPARATION DISTANCE, DESIGN TO PROTECT, etc. for percentage of wall opening calculations.

LIFE SAFETY SYSTEM REQUIREMENTS, Emergency Lighting: No, Exit Signs: No, Fire Alarm: No

2018 NC Administrative Code and Policies

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS MECHANICAL DESIGN

MECHANICAL SUMMARY, MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone: winter dry bulb, summer dry bulb, Interior design conditions: winter dry bulb, summer dry bulb

2018 NC Administrative Code and Policies

- Fire and/or smoke rated wall locations (Chapter 7), Assumed and exit trajectory line locations (Chapter 7), Exterior wall opening area with respect to distance to assumed property line (701.8)

Table with 7 columns: FLOOR, WALL, ROOF, etc. for accessible parking.

Table with 7 columns: USE, FLOOR, WALL, ROOF, etc. for plumbing fixture requirements.

Table with 7 columns: USE, FLOOR, WALL, ROOF, etc. for special approvals.

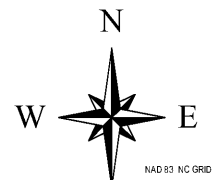
2018 NC Administrative Code and Policies

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS ELECTRICAL DESIGN

ELECTRICAL SUMMARY, ELECTRICAL SYSTEM AND EQUIPMENT

Method of Compliance: Special use, Lighting schedule (each fixture type), Additional Efficiency Package Options

2018 NC Administrative Code and Policies



BHDP

RALEIGH: 136 PAVENHOLE ST., SUITE 430, RALEIGH, NC 27605

PITTSBURGH: 4275 LINDA PL., SUITE 200, PITTSBURGH, PA 15204

ATLANTA: 713 PEACHTREE AVE. STE. 100, ATLANTA, GA 30308

CHARLOTTE: 300 WEST 3RD STREET, SUITE 500, CHARLOTTE, NC 28206

COLUMBIUS: 224 HAMBURG BLVD, SUITE 300, COLUMBIUS, GA 30606

lynchmykins Structural Engineers, 301 N West St., Ste 105, Raleigh, NC 27616

SEPI

1 GLENWOOD AVE. SUITE 115, CHARLOTTE, NC 28206

811 BEFORE YOU DIG, Know what's below. Call before you dig.

NOTICE: CONSULTATION SITE SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR WITHIN THE BOUNDARY OF THE PROJECT.

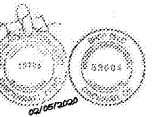


Table with 3 columns: No, Date, Issue/Revision/Submission. Shows revision 2 issued for bid on 02/07/2020.

PROJECT: STATE EMPLOYEES' CREDIT UNION - CHARLOTTE - ALBEMARLE RD. REMOTE ATM ADDITIONS

CHECKED BY: DS, DRAWING DATE: 02/07/2020, DRAWN BY: AA, JOB #: NCE01.23

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