

Brown Hall Renovation

NCA&T

Greensboro, NC
SCO ID 20-22082-01A

Bid Set

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**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: **Brown Hall Renovation**
Address: **Laurel Street, Greensboro, NC** Zip Code: **27411**
Proposed Use: **Office**
Owner or Authorized Agent: **David Martin** Phone: **336.285.4507**
E-mail: **dsmartin@ncaandt.com**

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

Code Book	Section	Adopted	Amended	Notes
2018 NC BUILDING CODE				
2018 NC EXISTING BUILDING CODE				
BASIC BUILDING DATA (Table 605.1):				
Construction Type	<input checked="" type="checkbox"/> I-A	<input type="checkbox"/> I-B	<input type="checkbox"/> I-A	<input type="checkbox"/> I-B
Fire District	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes (primary)
Flood Hazard Area	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes (primary)
Special Inspections	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes (primary)
ALLOWABLE AREA:				
Primary Occupancy Classification:	<input checked="" type="checkbox"/> Office <input type="checkbox"/> Assembly <input type="checkbox"/> Business <input type="checkbox"/> Educational <input type="checkbox"/> Factory <input type="checkbox"/> Hazardous <input type="checkbox"/> Institutional <input type="checkbox"/> L3/C <input type="checkbox"/> L4 <input type="checkbox"/> L5 <input type="checkbox"/> L6 <input type="checkbox"/> L7 <input type="checkbox"/> L8 <input type="checkbox"/> L9 <input type="checkbox"/> L10 <input type="checkbox"/> L11 <input type="checkbox"/> L12 <input type="checkbox"/> L13 <input type="checkbox"/> L14 <input type="checkbox"/> L15 <input type="checkbox"/> L16 <input type="checkbox"/> L17 <input type="checkbox"/> L18 <input type="checkbox"/> L19 <input type="checkbox"/> L20			

Life Safety System Requirements

Emergency Lighting: No Yes
Exit Signs: No Yes
Fire Alarm: (NFPA 2013) No Yes
Smoke Detection System: No Yes
Carbon Monoxide Detector: No Yes

Lower Level	Upper Level	Occupancy	Exit Width

Life Safety Plan Requirements

Life Safety Plan: No Yes
Fire and/or smoke-rated wall locations (Chapter 7): No Yes
Exit and/or fire-rated door locations (Chapter 7): No Yes
Occupancy class for each area as it relates to occupant load calculation (1008): No Yes
Exit door width for each area No Yes
Exit door length for each area No Yes
Clear width for each exit door No Yes
Maximum calculated occupant load for each exit door No Yes
Actual occupant load for each exit door No Yes
Adequate automatic fire notification system No Yes
Adequate manual fire alarm boxes No Yes
Adequate emergency escape windows (1009) No Yes
Adequate egress routes No Yes
Adequate egress routes for persons with disabilities No Yes
Adequate egress routes for persons with disabilities (1009.5) No Yes
Adequate egress routes for persons with disabilities (1009.5.1) No Yes
Adequate egress routes for persons with disabilities (1009.5.2) No Yes
Adequate egress routes for persons with disabilities (1009.5.3) No Yes
Adequate egress routes for persons with disabilities (1009.5.4) No Yes
Adequate egress routes for persons with disabilities (1009.5.5) No Yes
Adequate egress routes for persons with disabilities (1009.5.6) No Yes
Adequate egress routes for persons with disabilities (1009.5.7) No Yes
Adequate egress routes for persons with disabilities (1009.5.8) No Yes
Adequate egress routes for persons with disabilities (1009.5.9) No Yes
Adequate egress routes for persons with disabilities (1009.5.10) No Yes
Adequate egress routes for persons with disabilities (1009.5.11) No Yes
Adequate egress routes for persons with disabilities (1009.5.12) No Yes
Adequate egress routes for persons with disabilities (1009.5.13) No Yes
Adequate egress routes for persons with disabilities (1009.5.14) No Yes
Adequate egress routes for persons with disabilities (1009.5.15) No Yes
Adequate egress routes for persons with disabilities (1009.5.16) No Yes
Adequate egress routes for persons with disabilities (1009.5.17) No Yes
Adequate egress routes for persons with disabilities (1009.5.18) No Yes
Adequate egress routes for persons with disabilities (1009.5.19) No Yes
Adequate egress routes for persons with disabilities (1009.5.20) No Yes
Adequate egress routes for persons with disabilities (1009.5.21) No Yes
Adequate egress routes for persons with disabilities (1009.5.22) No Yes
Adequate egress routes for persons with disabilities (1009.5.23) No Yes
Adequate egress routes for persons with disabilities (1009.5.24) No Yes
Adequate egress routes for persons with disabilities (1009.5.25) No Yes
Adequate egress routes for persons with disabilities (1009.5.26) No Yes
Adequate egress routes for persons with disabilities (1009.5.27) No Yes
Adequate egress routes for persons with disabilities (1009.5.28) No Yes
Adequate egress routes for persons with disabilities (1009.5.29) No Yes
Adequate egress routes for persons with disabilities (1009.5.30) No Yes

Life Safety System Requirements

Category	Requirement	Compliance
EMERGENCY LIGHTING	Emergency Lighting	Yes
	Exit Signs	Yes
	Fire Alarm (NFPA 2013)	Yes
	Smoke Detection System	Yes
	Carbon Monoxide Detector	Yes
	Carbon Monoxide Detector	Yes
LIFE SAFETY PLAN REQUIREMENTS	Life Safety Plan	Yes
	Fire and/or smoke-rated wall locations (Chapter 7)	Yes
	Exit and/or fire-rated door locations (Chapter 7)	Yes
	Occupancy class for each area as it relates to occupant load calculation (1008)	Yes
	Exit door width for each area	Yes
	Exit door length for each area	Yes
	Clear width for each exit door	Yes
	Maximum calculated occupant load for each exit door	Yes
	Actual occupant load for each exit door	Yes
	Adequate automatic fire notification system	Yes
	Adequate manual fire alarm boxes	Yes
	Adequate emergency escape windows (1009)	Yes
	Adequate egress routes	Yes
	Adequate egress routes for persons with disabilities (1009.5)	Yes
	Adequate egress routes for persons with disabilities (1009.5.1)	Yes
Adequate egress routes for persons with disabilities (1009.5.2)	Yes	

ACCESSIBLE PARKING (SECTION 1106)

Category	Requirement	Compliance
TOTAL # OF SPACES PROVIDED	ACCESSIBLE	1
	ADDITIONAL	0

ACCESSIBLE PARKING AREAS

Location	Area	Spaces
Lot #1	Asphalt	1
Lot #2	Asphalt	0

ENERGY PERFORMANCE

ENERGY ENVELOPE

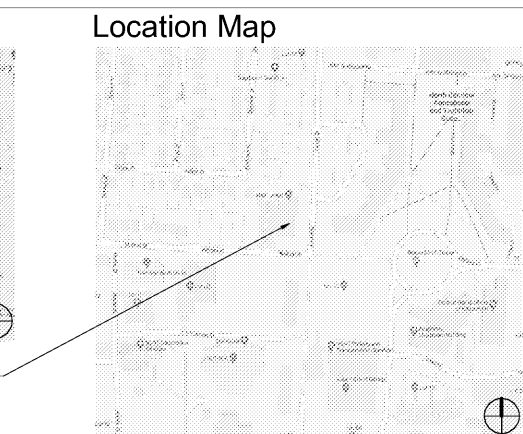
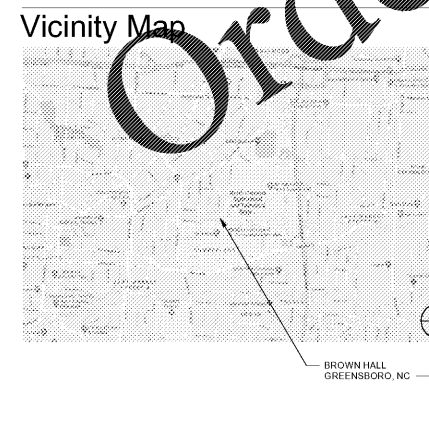
Roofing: No Yes
Insulation: No Yes
Windows: No Yes
Doors: No Yes
Mechanical: No Yes
HVAC: No Yes
Water Heating: No Yes
Space Heating: No Yes
Cooling: No Yes
Ventilation: No Yes
Energy Star: No Yes

STRUCTURAL DESIGN

Seismic Design Category: A B C D

Wind Speed: No Yes

Soil Bearing Capacity: No Yes



Legend

CONCRETE	STONE FIL
ALUMINUM	PLASTER / GYP. BD.
BRICK	STUCCO
STEEL	WOOD BLOCKING
EARTH	HARDWOOD / PLYWOOD
BATT INSULATION	QUARRY / PAPER / CER. TILE
RIGID INSULATION	QUARRY

Abbreviations

ACP	ACoustical CEILING PANEL
APS	ACoustic PLASTER SYSTEM
A.F.F.	ABOVE FINISH FLOOR
ALUM.	ALUMINUM
BD.	BOARD
B.L.D.G.	BUILDING
CER.	CENTERLINE
C.J.	CONTROL JOINT
CEL.	CEILING
CER.	CERAMIC
CMU	CONCRETE MASONRY UNIT
COL.	COLUMN
CONC.	CONCRETE
CONT.	CONTINUOUS
CPT.	CARPET
DIA.	DIAMETER
DN.	DOWN
DWG.	DRAWING
E.W.C.	ELECTRIC WATER COOLER
EA.	EACH
ELEC.	ELECTRICAL
ELEV.	ELEVATOR

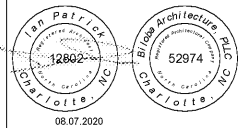
Abbreviations

EQ.	EQUAL
EXT.	EXTERIOR
F.F.	FLOOR FINISH
F.D.	FLOOR DRAIN
F.E. (B)	FIRE EXTINGUISHER (BRACKET)
F.E. (R)	FIRE EXTINGUISHER CABINET (RECESSED)
F.E. C. (FR)	FIRE EXTINGUISHER CABINET (FRONT RECESSED)
F.F.P.	FIBERGLASS REINFORCED PANEL
GA.	GALVANIZED
GALV.	GALVANIZED
GA.	GALVANIZED
GYP.	GYP-SUM
GW.	GRAYWATER
HC.	HOLLOW CORE
H.M.	HOLLOW METAL
INT.	INTERIOR
JST BRG.	JOIST BEARING
J.O.	JOINT
M.A.X.	MASONRY OPENING
ME.CH.	MECHANICAL
MET.	METAL
MIN.	MINIMUM
N.I.C.	NOT IN CONTRACT

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Order Plans @

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Brown Hall Renovation
Laurel Street, Brown Hall
Greensboro, NC 27411
SCO ID No. 20-22082-01A

Project Number: **106**
Title: **Title Sheet and Appendix B**
Sheet: **G001**
Plate: **of**