

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

Name of Project: North Augusta Fire Station #1
Address: 311 W. Martintown Road, North Augusta, SC
Owner: Architectural Agent: Rachelle Moore

CONTACT: Ken C. Newell (704) 865-6311
DESIGNER: Stewart-Cooper-Newell Architects
Architectural: Ken C. Newell (704) 265-6311

2018 SC CODE FOR: New Construction
2018 SC EXISTING building code: Prescriptive
RISK CATEGORY (Table 1604.5): Current: I, Proposed: II

BASIC BUILDING DATA
Construction Type: II-A
Sprinklers: Partial
Stairwells: Yes

PERCENTAGE OF WALL OPENING CALCULATIONS table with columns for fire resistance, unprotected, and actual.

LIFE SAFETY SYSTEM REQUIREMENTS
Emergency Lighting: Yes
Exit Signs: Yes
Fire Alarm: Yes

LIFE SAFETY PLAN REQUIREMENTS
Life Safety Plan Sheet # 110
Fire and/or smoke rated wall locations (Chapter 7)
Location of doors with panic hardware (1010.1.10)

Table with 2 columns: Section/Tab/Note, Title

Gross Building Area Table with columns: FLOOR, EXISTING (SQ FT), NEW (SQ FT), RENOVALTER (SQ FT), SUB-TOTAL

ALLOWABLE AREA
Primary Occupancy Classification: Business
Secondary Occupancy Classification: Mercantile

ACCESSIBLE DWELLING UNITS (SECTION 1107)
ACCESSIBLE PARKING (SECTION 1106)
PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

ACCESSIBLE DWELLING UNITS (SECTION 1107) table with columns: TOTAL UNITS, ADAPTABLE UNITS, etc.

ACCESSIBLE PARKING (SECTION 1106) table with columns: UPPER PARKING AREA, TOTAL # OF PARKING SPACES, etc.

PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1) table with columns: USE, MALE/FEMALE, etc.

SPECIAL APPROVALS
Special Approvals: (Local Jurisdiction, State Fire Marshal, etc.)

ENERGY SUMMARY
PLEASE PROVIDE A BUILDING ENVELOPE COMCHECK
ENERGY REQUIREMENTS:

Existing building envelope complies with code: Yes
Exempt Building: No

STRUCTURAL SUMMARY - PROVIDED ON THE STRUCTURAL SHEETS

MECHANICAL SUMMARY - PROVIDED ON THE MECHANICAL SHEETS

ELECTRICAL SUMMARY - PROVIDED ON THE ELECTRICAL SHEETS

COMcheck Software Version 4.1.1.0 Envelope Compliance Certificate

Project Information
Energy Code: 2009 International Building Code
Project Title: North Augusta Fire Station #1

Building Area
Floor Area: 10278

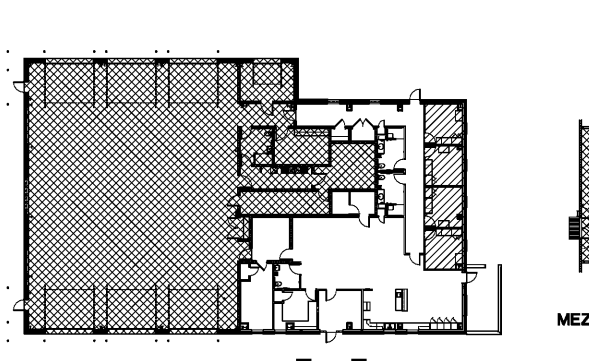
Envelope Assemblies table with columns: Assembly, Gross Area or Perimeter, Cavity R-Value, etc.

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Envelope Compliance Statement
Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans.

FIRE PROTECTION REQUIREMENTS table with columns: FIRE PROTECTION REQUIREMENTS, RATED HOUR WALL, etc.

KEY PLAN



FLOOR PLAN 3-BAY STATION

OCCUPANCY CLASS KEY

BUSINESS (B) 2,608 SQ. FT.
RESIDENTIAL (R-2) 614 SQ. FT.
STORAGE (S-2) 6,858 SQ. FT. (3-BAYS)

1 - RATED HOUR WALL

GENERAL NOTES:
ALL NOTES APPLY TO ALL DRAWINGS AND TRADES. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS AND TRADES TO COORDINATE THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND TRADES.



Architects • Engineers • Landscape Architects
JOHNSON, LASCHOBER & ASSOCIATES, P.C.

CITY OF NORTH AUGUSTA, SC
100 GEORGIA AVENUE, NORTH AUGUSTA, SC 29841
PROJECT NAME: NORTH AUGUSTA FIRE STATION 1 RELOCATION

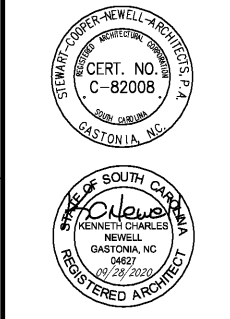


Table with columns: PROJECT NO., DRAWN BY, CHECKED BY, DATE, SHEET TITLE

BUILDING CODE APPENDIX B & COMcheck

SCALE: AS NOTED
DRAWING NO: A-001

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