

2012 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (Includes: New Construction, Upfits, Renovations, Additions)

(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES) (UPDATED 3-24-16)

a. Project Information - (Required information for all projects)

Name of Project: WILKES COMMUNITY COLLEGE CULINARY LAB
Address: 1328 S. Colgate Drive, P.O. Box 170, Wilkesboro, NC
Phone: 336-838-6102

b. Project Summary / Alternative Means of Compliance - (Required information for all projects)

Building description: New 8,083 SF pre-engineered metal building with teaching kitchens and office space.

c. Design Professional Information - (Required information for all projects)

Table with columns: Designer, Firm, Name, License #, Telephone #, E-Mail. Lists LS3P Associates, LTD and other project team members.

d. Type of work being performed - (Required information for all projects)

What type of work is being performed?
New Construction
Alteration/Removal project

e. Code Data - NCBC - (See section f for NC Rehab Code or NC Existing Building Code)

Building Code: 2012 North Carolina State Building Code (NCBC)
Check all that apply: New building, Addition

f. REHAB Code (Existing Building Code)

2012 NC REHAB CODE Information: Scope of Work / work area must be indicated and delineated on plan.

g. Existing Building Data - (Required information for all projects)

Table for Existing Building Data with columns: Floor, Existing (SQ FT), New (SQ FT), All / Re, Sub-Total. Lists floors from 6th to 1st and basement.

h. Allowable Area / Occupancy Classification - (Required information for all projects)

Occupancy: (Chapter 3)
Assembly (302), Business (304), Educational (305), Factory (306), Hazardous (307), Institutional (308), I-3 Condition (309), Mercantile (310), Residential (311), Storage (312), Utility and Miscellaneous (312)

i. Incidental Uses - (If Applicable)

Incidental Uses: If applicable, areas with additional requirements (Table 506.2.5):
Office space room where any piece of equipment is over 400,000 lbs per hour input

Special Provisions: If Applicable

Special Provisions: If Applicable, list applicable code sections: 209.2.3, 209.2.4, 209.2.5, 209.2.6, 209.2.7, 209.2.8, 209.2.9, 209.2.10, 209.2.11, 209.2.12, 209.2.13, 209.2.14, 209.2.15, 209.2.16, 209.2.17, 209.2.18, 209.2.19, 209.2.20, 209.2.21, 209.2.22, 209.2.23, 209.2.24, 209.2.25, 209.2.26, 209.2.27, 209.2.28, 209.2.29, 209.2.30, 209.2.31, 209.2.32, 209.2.33, 209.2.34, 209.2.35, 209.2.36, 209.2.37, 209.2.38, 209.2.39, 209.2.40, 209.2.41, 209.2.42, 209.2.43, 209.2.44, 209.2.45, 209.2.46, 209.2.47, 209.2.48, 209.2.49, 209.2.50, 209.2.51, 209.2.52, 209.2.53, 209.2.54, 209.2.55, 209.2.56, 209.2.57, 209.2.58, 209.2.59, 209.2.60, 209.2.61, 209.2.62, 209.2.63, 209.2.64, 209.2.65, 209.2.66, 209.2.67, 209.2.68, 209.2.69, 209.2.70, 209.2.71, 209.2.72, 209.2.73, 209.2.74, 209.2.75, 209.2.76, 209.2.77, 209.2.78, 209.2.79, 209.2.80, 209.2.81, 209.2.82, 209.2.83, 209.2.84, 209.2.85, 209.2.86, 209.2.87, 209.2.88, 209.2.89, 209.2.90, 209.2.91, 209.2.92, 209.2.93, 209.2.94, 209.2.95, 209.2.96, 209.2.97, 209.2.98, 209.2.99, 209.2.100

r. Structural Design

DESIGN LOADS: Importance Factors (ASCE/SEI 7.06-11.5) Wind, Snow, Seismic

Table for Design Loads with columns: Live Loads, Wind Load, Ground Snow Load, etc.

SEISMIC DESIGN CATEGORY

SEISMIC DESIGN CATEGORY: (1613.1, 1613.5.6) Provide the following Seismic Design Parameters:

Occupancy Category (Table 1604.5), Spectral Response Acceleration (Engineer's), Site Classification (Table 1613.5.2), Field Test

LATERAL DESIGN CONTROL

LATERAL DESIGN CONTROL: Earthquake, Wind

s. Special Inspections - (If applicable to your project)

SPECIAL INSPECTIONS REQUIRED: No special inspections required for this project.

SCHEMATIC OF SPECIAL INSPECTION SERVICES

No special inspections required for this project. The construction division which requires special inspections for this project is:

Table for Schematic of Special Inspection Services with columns: IT-1, IT-2, IT-3, etc.

t. Plumbing Fixtures - (New Construction, Additions, Upfits, Alterations and Change of Use) (Table 1001.0)

Plumbing Fixtures: (New Construction, Additions, Upfits, Alterations and Change of Use)

Table for Plumbing Fixtures with columns: Male, Female, Urinals, Lavatories, Showers, Drinking Fountains

u. Special Approvals (If applicable to your project)

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPL/DHHS, ICC, etc., describe below)

v. Energy Summary (New Construction, Additions, Change of use and upfits)

ENERGY REQUIREMENTS: The following data shall be considered minimum and any special attribute required to meet the North Carolina Energy Conservation Code shall also be provided.

Table for Energy Summary with columns: Building Envelope, Thermal Envelope, etc.

w. Method of Compliance

Method of Compliance: Prescriptive (INCC), Performance (INCC or COMcheck) Report must be reproduced on drawings.

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MECHANICAL SUMMARY

MECHANICAL SUMMARY (NECC 500): This information may be located on the mechanical sheets. The mechanical sheet must be in the same format as noted in this section.

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MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT: Thermal Zone, IA, winter dry bulb, etc.

ELECTRICAL SYSTEM AND EQUIPMENT

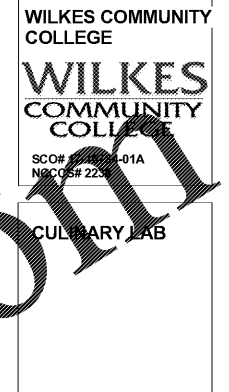
ELECTRICAL SYSTEM AND EQUIPMENT: Method of Compliance, ASHRAE 90.1, Prescriptive, Performance

Lighting schedule

Lighting schedule: (each fixture type) lamp type, number of lamps, etc.

Additional Required Prescriptive Compliance

Additional Required Prescriptive Compliance: 506.2.1, 506.2.2, 506.2.3, 506.2.4, 506.2.5, 506.2.6



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REVISIONS:

Table for Revisions with columns: No, Description, Date

PROJECT: 9202-169770 DATE: 12/18 DRAWN BY: ZS5 CHECKED BY: WSB

BUILDING CODE SUMMARY

G-002

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