



# North Carolina Building Code Council

Staffed by the NC Department of Insurance

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## Building Code Council

### Chair:

Bridget Herring - 23  
(Public Representative)

### Vice Chairman:

Mark Matheny - 27  
(Building Inspector)

### Members:

Michael Ali, PE - 23  
(State Agency)

Robert Axford - 25  
(Electrical Contractor)

Chris Berg, PE - 27  
(Structural Engineer)

Andrew C. Cole, AIA - 28  
(Architect)

Gary Embler - 23  
(Home Builder)

Ralph Euchner - 25  
(Gas Industry)

David Gieser, RA - 28  
(Architect)

Jeff Hilton - 28  
(Coastal Contractor)

Natalie MacDonald, PE - 27  
(Mechanical Engineer)

Gloria Shealey - 27  
(General Contractor)

Deborah Shearin - 25  
(Plumbing & Heating Contractor)

Jason B. Shepherd - 27  
(Fire Services)

Victoria Watlington, PE - 28  
(Municipal Government Rep)

Kim Wooten, PE - 25  
(Electrical Engineer)

Robert Zapple - 28  
(County Gov't Rep)

May 16, 2023

Bridget Herring  
P.O. Box 7148  
Asheville, NC 28802

RE: Agenda for the June 13, 2023 NC Building Code Council Meeting

Ms. Herring:

This is officially to notify you and other interested parties of a regularly scheduled meeting of the NC Building Code Council. Persons requiring auxiliary services should notify the Council at least ten business days prior to the meeting.

1. The NC Building Code Council Meeting will begin at 9:00AM on Tuesday, June 13, 2023 (Albemarle Building). The meeting can be accessed remotely via Facebook Live (<https://www.facebook.com/NCOSFMEngineering>). Remote access does not provide capability to address the council.
2. Standing Committees will meet beginning at 9:00AM on Monday, June 12, 2023 (Albemarle Building).
3. The Agenda is printed as follows:
  - A- Items - Administrative items that require Council action and temporary rules.
  - B- Items - New amendment petitions introduced at this meeting.
  - C- Items - Amendments that have been granted by the Council and advertised in the NC Register for public hearing.
  - D- Items - Adoption of amendments by the Council prior to approval by the Rules Review Commission.
  - E- Items - Reports from Committees and Staff.
  - F- Items - Notice of Appeal Hearings.

## **Part A – Administrative Items**

- Item A – 1 Ethics Statement: Inquire upon conflicts of interest or appearance of conflicts that exist within the Council.**
- Item A – 2 Approval of minutes of the March 14, 2023 NC Building Code Council Meeting.**
- Item A – 3 Request from Iredell County Building Standards “Inspection Jurisdiction 213” request approval to perform local plan review in accordance with Table 104.1 Footnote 1 and Section 104.1.2 of the 2018 NC Administrative Code and Policies.**
- Item A – 4 Request from Franklin County for approval to adopt the Fire Prevention and Life Safety Ordinance of Franklin County, North Carolina as Chapter 11 in the Franklin County Code of Ordinances.**
- Item A – 5 Request from Person County for approval to adopt the Person County Fire Protection and Prevention Ordinance.**
- Item A – 6 Request from the Town of Boone to adopt the revised Chapter 92 of the Town of Boone Code of Ordinances relating to Fire Prevention and Protection. This includes a request to adopt all appendices listed in the NC Fire Code.**
- Item A – 7 Vance County currently does not have staff with Standard Level III inspections certificates in Building and Electrical. The county is, therefore, out of compliance with the 2018 NC Administrative Code and Policies Section 104.1.2 and Table 104.1. Because the county is out of compliance, NC Department of Insurance requests removal of Vance County from the list of jurisdictions approved to provide plan review under the 2018 NC Administrative Code and Policies Section 104.1.2 and Table 104.1.**
- Item A – 8 Rules Review Commission Meeting Report**
- Item A – 9 Public Comments**

## **Part B – New Petition for Rulemaking**

The following Petitions for Rulemaking have been received since the last Council meeting. The Council will vote either to deny or grant these Petitions. The Council will give no further consideration to Petitions that are denied. Petitions that are granted may proceed through the Rulemaking process. The council may send any Petition to the

appropriate committee. The hearing will take place during or after the June 13, 2023 meeting. All B items can be viewed and downloaded from:

<https://www.ncosfm.gov/news/events/building-code-council-meeting-june-13-2023>

Items B-1 through B-5 represent the proposed amendments to the 2021 International Codes to establish the 2024 NC Building Codes.

The 2021 International Codes for Items B-1 through B-5 can be found by clicking on the applicable code icon at the following link on the ICC website:

<https://codes.iccsafe.org/codes/i-codes/2021-icodes>.

**There will be no B items received from the floor.**

- Item B – 1 Request from the BCC Mechanical Standing Committee to adopt the 2024 edition of the North Carolina Mechanical Code as presented by the committee.**
- Item B – 2 Request from the BCC Mechanical Standing Committee to adopt the 2024 edition of the North Carolina Fuel Gas Code as presented by the committee.**
- Item B – 3 Request from the BCC Electrical Ad-Hoc Committee to adopt the 2023 edition of the North Carolina Electrical Code as presented by the committee.**
- Item B – 4 Request from Natalie MacDonald, Chair of the NC BCC Mechanical Standing Committee to adopt and incorporate Chapters 12-23 (Mechanical) and Chapter 24 (Fuel-Gas) of the 2024 edition of the NC Residential Code, into the 2024 edition of the NC Residential Code.**
- Item B – 5 Request from Gloria Shealey, Chair of the NC BCC Energy Standing Committee to adopt and incorporate Chapter 11 (Energy) of the 2024 edition of the NC Residential Code, into the 2024 edition of the NC Residential Code.**
- Item B – 6 Request from Gary Embler, Chair of the NC BCC Residential Standing Committee to adopt and incorporate Chapter 11 (Energy), Chapters 12-23 (Mechanical), and Chapter 24 (Fuel-Gas) of the 2018 edition of the NC Residential Code, into the 2024 edition of the NC Residential Code**
- Item B – 7 Request from Annette Powell representing herself to amend the 2024 NC Mechanical Code, Section 312.1 and the 2024 NC Residential Code, Section M1401.3 as follows:**

**312.1 Load calculations.** Heating and cooling system design loads for the purpose of sizing systems, *appliances* and *equipment* shall be determined in accordance with the procedures described in the ASHRAE/ACCA Standard 183. Alternatively, design loads shall be determined by an *approved* equivalent computation procedure, using the design parameters specified in Chapter 3 [CE] of the *International Energy Conservation Code*.

~~For permitting, inspections, certificate of compliance or certificate of occupancy, verification of load and sizing calculation submittals and reviews shall not be required.~~

For permitting, inspections, certificate of compliance or certificate of occupancy, load and sizing calculation submittals shall be required.

For permitting, inspections, certificate of compliance or certificate of occupancy, load and sizing calculation review shall not be required.

**M1401.3 Equipment and appliance sizing.** Heating and cooling *equipment* and *appliances* shall be sized in accordance with ACCA Manual S or other *approved* sizing methodologies based on building loads calculated in accordance with ACCA Manual J or other *approved* heating and cooling calculation methodologies.

**Exception:** Heating and cooling *equipment* and *appliance* sizing shall not be limited to the capacities determined in accordance with ACCA Manual S where either of the following conditions applies:

1. The specified *equipment* or *appliance* utilizes multistage technology or variable refrigerant flow technology and the loads calculated in accordance with the *approved* heating and cooling calculation methodology are within the range of the manufacturer's published capacities for that *equipment* or *appliance*.
2. The specified *equipment* or *appliance* manufacturer's published capacities cannot satisfy both the total and sensible heat gains calculated in accordance with the approved heating and cooling calculation methodology and the next larger standard size unit is specified.

~~For permitting, inspections, certificate of compliance or certificate of occupancy, verification of Calculations for HVAC Systems ACCA Manual D, ACCA Manual J, ACCA Manual S load and sizing calculation submittals and review shall not be required.~~

For permitting, inspections, certificate of compliance or certificate of occupancy, Calculations for HVAC Systems-ACCA Manual D, ACCA Manual J, ACCA Manual S load and sizing calculation submittals shall be required.

For permitting, inspections, certificate of compliance or certificate of occupancy, Calculations for HVAC Systems-ACCA Manual D, ACCA Manual J, ACCA Manual S load and sizing calculation review shall not be required.

**Item B – 8 Request from John Clark representing the Woodford Manufacturing Company to amend the 2024 NC Residential Code, Section P2903.10 as follows:**

**P2903.10 Hose Bibb**

~~Hose bibbs subject to freezing, including the “frostproof” type, shall be equipped with an accessible stop and waste type valve inside the building so that they can be controlled and drained during cold periods comply with ASSE 1019.~~

~~**Exception:** Frostproof hose bibbs installed such that the stem extends through the building insulation into an open heated or semiconditioned space need not be separately valved (see Figure P2903.10). Stop and waste systems that utilize ASSE 1011 devices may not be used as the vacuum breaker does not automatically drain and is subject to freezing.~~

~~Exception: ASSE 1011 equipped hose bibbs may be used in heated spaces where not exposed to freezing temperatures.~~

**Item B - 9 Request from Cheryl K. Dean and Timothy W. Maloney representing NC Registered Landscape Architects to amend the 2024 NC Administrative Code, Section 204.3.5 and 204.3.5.1 as follows:**

**204.3.5 Design professional seal required.** Where the General Statutes require, no permit shall be issued unless the construction documents (drawings and specifications), bear the North Carolina seal of a registered design professional.

Construction documents shall include the name and address of the business entity (individual, corporation or partnership) with whom the registered design professional is affiliated. Question concerning this section should be directed to the North Carolina Board of Architecture, ~~or~~ the North Carolina Board of Examiners for Engineers and Land Surveyors or the North Carolina Board of Landscape Architects.

**204.3.5.1 Registered design professional.** The registered design professional shall be a registered architect, licensed professional engineer, registered landscape architect or NICET Level III sprinkler designer legally registered or licensed under the laws of this state.

**Item B - 10 Request from Jason Shepherd to amend the 2024 NC Building Code, Section 907.2.3.1 and the 2024 NC Fire Code, Section 907.2.3.1 as follows:**

2024 NC Building Code

**907.2.3.1 Automatic smoke detection systems.**

An automatic smoke detection system that initiates the occupant notification in accordance with Section 907.5.2.2 shall be installed throughout all stories of Group E buildings.

**Exceptions:**

1. An automatic smoke detection system shall not be required in Group E occupancies with an *occupant load* of 50 or less.
2. An automatic smoke detection system shall not be required in Group E occupancies that are protected with an *approved automatic sprinkler systems* installed in accordance with Section 903.3.1.1.
3. An automatic smoke detection system shall not be required in licensed day care facilities complying with Section 429.

2024 NC Fire Code

**907.2.3.1 Automatic smoke detection systems.**

An automatic smoke detection system that initiates the occupant notification in accordance with Section 907.5.2.2 shall be installed throughout all stories of Group E buildings.

**Exceptions:**

1. An automatic smoke detection system shall not be required in Group E occupancies with an *occupant load* of 50 or less.
2. An automatic smoke detection system shall not be required in Group E occupancies that are protected with an *approved automatic sprinkler systems* installed in accordance with Section 903.3.1.1.

**Item B - 11 Request from the Fire Code Revision Committee to amend the 2024 NC Building Code and 2024 NC Fire Code, Sections 1010.2.14, 1010.2.14.4 and 1010.2.1 as follows:**

**1010.2.14 Controlled egress doors in Groups I-1, I-2, and R-4, and E.**

**1010.2.14.4 Group E Classrooms.** Electric locking systems, including electro-mechanical locking systems and electromagnetic locking systems, shall be permitted to be installed on exit or exit access doors leading from Group E classrooms and day care classrooms within a Group E occupancy where identified and documented by the local school administration as having one or more students that require restraint to preserve the safety of the student or students and meeting all of the following:

1. The building is equipped with a *fire alarm system* in accordance with Section 907.2.3 (Section 907.2.3, Exception 1 is not applicable).
2. The door locks shall unlock on actuation of the *fire alarm system* and remain unlocked until the *fire alarm system* has been reset.
3. The door locks shall unlock on loss of power controlling the lock or lock mechanism.
4. A building occupant shall not be required to pass through more than one door equipped with a controlled egress locking system before entering an exit.
5. The procedures for unlocking the doors shall be described and approved as part of the emergency planning and preparedness required by Chapter 4 of the *International Fire Code*.
6. Staff within the rooms equipped with controlled egress shall have the keys, codes or other means necessary to operate the locking systems.
7. When operated, the locking system shall remain unlocked for not less than 30 seconds.
8. Emergency lighting shall be provided at the door.
9. The door locking system units shall be listed in accordance with UL 294.

**1010.2.1 Unlatching.** The unlatching of any door or leaf for egress shall require not more than one motion in a single linear or rotational direction to release all latching and all locking devices.

**Exceptions:**

1. Places of detention or restraint.
2. Where manually operated bolt locks are permitted by Section 1010.2.5.
3. Doors with automatic flush bolts as permitted by Section 1010.2.4, Item 4.

4. Doors from individual *dwelling units* and *sleeping units* of Group R occupancies as permitted by Section 1010.2.4, Item 5.
5. ~~Group E classrooms identified by the local school administration as having one or more students that require restraint to preserve the safety of the student or students shall be permitted to have latching devices that require a maximum of two motions to unlatch the door from the egress side.~~

**Item B – 12 Request from Jason Shepherd representing the Durham County Fire Marshal to amend the 2024 NC Fire Code, Section 105.5.32 as follows:**

**105.5.32 Mobile food preparation vehicles.** (optional permit). An operational permit is required for *mobile food preparation vehicles* equipped with appliances that produce smoke or grease-laden vapors. Permits shall originate from the commissary address where the mobile food preparation vehicle is associated.

**Item B – 13 Request from Jason Shepherd representing the Durham County Fire Marshal to amend the 2024 NC Fire Code, Sections 319.11.1 and 319.11.13 as follows:**

**319.11.1 Stability.** *Mobile food preparation vehicles* shall be stabilized against movement when parked for food prep operations in accordance with Section 319.11.1.1 through 319.11.1.23.

**319.11.1.3 Mobile cooking operations.** *Mobile food preparation vehicles* shall be separated from buildings, structures, canopies, tents, combustible materials, vehicles, and other cooking operations by a minimum of 10 feet (3048mm). Exhaust shall be directed away from openings, air intakes and away from any means of egress.

**Item B – 14 Request from Judith Dowdall to amend the 2024 NC Fire Code and the 2024 NC Building Code, Section 903.3.1.2.1 as follows:**

**903.3.1.2.1 Balconies and decks.** ~~Sprinkler protection shall be provided for exterior balconies, decks, and ground floor patios of *dwelling units* and *sleeping units* where the building is of Type V construction, provided there is a room or deck above. Sidewall sprinklers that are used to protect such areas shall be permitted to be located such that their deflectors are within 1 inch (25 mm) to 6~~



~~inches (152 mm) below the structural members and a maximum distance of 14 inches (356 mm) below the deck of the exterior balconies and decks that are constructed of open wood joist construction.~~

### **Part C – Notice of Rulemaking Proceedings and Public Hearing**

The following Petitions for Rulemaking have been granted by the Council. Notice of Rulemaking proceedings has been made. The Public Hearing will be held on June 13, 2023, and the Final Adoption meeting may take place on or after September 12, 2023. The written public comment period expires on July 14, 2023. All C items can be viewed and downloaded from: <https://www.ncosfm.gov/news/events/building-code-council-meeting-march-14-2023>.

Items C-1 and C-2 represent the proposed amendments to the 2021 International Codes to establish the 2024 NC Building Codes.

The 2021 International Codes for Items C-1 and C-2 can be found by clicking on the applicable code icon at the following link on the ICC website:

<https://codes.iccsafe.org/codes/i-codes/2021-icodes>.

A sign-up sheet for public comments will be provided onsite. Public comments are limited to 3 minutes per person for each item. Rebuttals are limited to 2 minutes per person for each item.

#### **Item C – 1 Request from the NC Building Code Council Mechanical Standing Committee to adopt the 2024 edition of the North Carolina Plumbing Code as presented by the committee as follows (230314 Item B-1):**

The proposed amendments to the 2021 International Plumbing Code to establish the 2024 NC Plumbing Code can be found at the following link on the NCDOT website. Select the link to “B-1 2024 NCPC”:

<https://www.ncosfm.gov/news/events/building-code-council-meeting-march-14-2023>

The 2021 International Plumbing Code can be found at the following link on the ICC website:

<https://codes.iccsafe.org/content/IPC2021P3>

#### **Item C – 2 Request from the NC Building Code Council Residential Standing Committee to adopt the 2024 edition of the North Carolina Residential Code, Chapters 1-10, 25-33, 45, 46, and Appendices as presented by the committee as follows (230314 Item B-4):**

The proposed amendments to the 2021 International Residential Code, Chapters 1-10, 25-33, 45, 46 and Appendices to establish the 2024 NC Residential Code, Chapters 1-10, 25-33, 45, 46 and Appendices can be

found at the following link on the NCDOT website. Select the link to “B-4 2024 NCRC Chapters 1-10 and 25-33 and 45-46 and Appendices”:

<https://www.ncosfm.gov/news/events/building-code-council-meeting-march-14-2023>

The 2021 International Residential Code, Chapters 1-10, 25-33, 45, 46 and Appendices can be found at the following link on the ICC website:

<https://codes.iccsafe.org/content/IRC2021P2>

**Item C – 3 Request from Carl Martin representing NCDOT to amend the 2024 NC Building Code, Section 101.2 as follows (230314 Item B-8):**

**[A] 101.2 Scope.** The provisions of this code shall apply to the construction, *alteration*, relocation, enlargement, replacement, *repair*, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

**Exception:** If any of the following apply, then the building or structure is exempt from the provisions of this code:

1. Detached one- and two-family *dwelling*s and *townhouses* not more than three *stories above grade plane* in height with a separate *means of egress*, and their accessory structures not more than three *stories above grade plane* in height, shall comply with this code or the *International Residential Code*.
2. Farm buildings not used for:
  - a. Sleeping purposes; or
  - b. Storage of hazardous materials in excess of those listed in Tables 307.1(1) and 307.1(2) within the building rules jurisdiction of any municipality.
3. The design, construction, location, installation or operation of equipment for storing, handling and transporting liquefied petroleum gases for fuel purposes up to the outlet of the first stage pressure regulator, anhydrous ammonia or other liquid fertilizer.
4. The design, construction, location, installation or operation of equipment of facilities of a public utility, as defined in N.C.G.S. 62-3, or electric or telephone membership corporation, including without limitation poles, towers and other structures supporting electric or communication lines from the distribution network up to the meter location.
5. The storage and handling of substances governed by the Hazardous Chemical Right to Know Act in N.C.G.S. Chapter 95, Article 18.
6. Retaining walls complying with any of the following:

- a. 3 feet or less in height where a guard is required;
  - b. 5 feet or less of cumulative fill within 3 feet horizontally from the wall;
  - c. Not located within 15 feet of another retaining wall; and
  - d. Not located within 3 feet of a building or structure.
7. Farm structures exempt by N.C.G.S 143-138(b4).

**Item C – 4 Request from Carl Martin representing NCDOI to amend the 2024 NC Fire Code, Section 102.13 as follows (230314 Item B-9):**

**102.13 Exception to applicability.** The provisions of this code shall not apply to the following:

- 1. Occupancy of one- and two-family dwellings.
- 2. Farm buildings not used for:
  - a. Sleeping purposes; or
  - b. Storage of hazardous materials in excess of those listed in Tables 5003.1.1(1) and 5003.1.1(2) within the building rules jurisdiction of any municipality.
- 3. The design, construction, location, installation, or operation of equipment for storing, handling, and transporting liquefied petroleum gases for fuel purposes up to the first stage regulator, liquefied natural gases, and anhydrous ammonia or other liquid fertilizers.
- 4. The design, construction, location, installation or operation of equipment or facilities of a public utility, as defined in N.C.G.S. 62-3, or an electric or telephone membership corporation, including without limitation poles, towers and other structures supporting electric or communication lines from the distribution network up to the meter location.
 

**Exception:** All buildings owned and operated by a public utility or an electric or telephone membership corporation shall meet the provisions of the code.
- 5. The storage and handling of substances governed by the Hazardous Chemicals Right to Know Act in N.C.G.S. Chapter 95, Article 18.
- 6. Open burning pursuant to N.C.G.S. 106-940 through 106-950 under the jurisdiction of the North Carolina Department of Agriculture and Consumer Services.
- 7. Farm structures exempt by N.C.G.S 143-138(b4).

**Item C – 5 Request from Carl Martin representing NCDOI to amend the 2024 NC Existing Building Code, Section 101.2 as follows (230314 Item-10):**

**[A] 101.2 Scope.** The provisions of this code shall apply to the *repair, alteration, change of occupancy, addition to and relocation of existing buildings.*

**Exceptions:**

1. Detached on- and two-family dwellings and townhouses not more than three stories above grade plane in height with a separate means of egress, and their accessory structures not more than three stories above grade plane in height, shall comply with this code or the *International Residential Code*.
2. This code shall not apply to buildings constructed under exemption by North Carolina State law to compliance with North Carolina State Building Codes.

**Item C – 6 Request from Carl Martin representing NCDOT to amend the 2024 NC Energy Conservation Code, Section C101.2 and R101.2 as follows (230314 Item-11):**

**C101.2 Scope.** This code applies to *commercial buildings* and the buildings' sites and associated systems and equipment.

**Exception:** Farm structures exempt by N.C.G.S. 143-138(b4).

**R101.2 Scope.** This code applies to *residential buildings, building sites* and associated systems and equipment.

**Exception:** Farm structures exempt by N.C.G.S. 143-138(b4).

**Item C – 7 Request from Carl Martin to amend the 2024 NC Existing Building Code, Section 803.2.1.2 as follows (230314 Item B-12):**

**803.2.1.2 Low-rise buildings.** Work areas that increase the fire area or calculated occupant load above the limits listed in Section 903.2 of the *International Building Code* shall meet the requirements of those sections.

**Exception:** Where an automatic sprinklers system is not existing in a building or otherwise required by Section 803, North Carolina Building Code Section 903.2.8 shall not be applied for Group R-3.

**Item C – 8 Request from Carl Martin representing NC Board of Architecture and Registered Interior Designers to amend the 2024 NC Administrative Code, Section Appendix B as follows (230314 Item B-13):**

**APPENDIX B**

**2024 BUILDING CODE SUMMARY  
FOR ALL COMMERCIAL PROJECTS**

(EXCEPT ONE- AND TWO-FAMILY DWELLINGS AND TOWNHOUSES)  
(Reproduce the following data on the building plans sheet 1 or 2)

CONTACT: \_\_\_\_\_

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural	_____	_____	_____	( ) _____	_____
Registered Interior Designer	_____	_____	_____	( ) _____	_____
Electrical	_____	_____	_____	( ) _____	_____
Fire Alarm	_____	_____	_____	( ) _____	_____
Plumbing	_____	_____	_____	( ) _____	_____
Mechanical	_____	_____	_____	( ) _____	_____
Sprinkler- Standpipe	_____	_____	_____	( ) _____	_____
Structural	_____	_____	_____	( ) _____	_____
Retaining Walls > 5 feet High	_____	_____	_____	( ) _____	_____
Other	_____	_____	_____	( ) _____	_____

("Other" should include firms and individuals such as truss, precast, pre-engineered, nonregistered interior designers, etc.)

(Appendix B beyond this portion remains unchanged by this amendment.)

**Item C – 9 Request from Carl Martin representing NC Building Code Council to amend the 2024 NC Administrative Code, Sections 106.3.1 and 106.3.2 as follows (230314 Item B-14):**

**106.3.1 Information required.** A permit application shall be filed with the Inspection Department on a form (see Appendix A) furnished for that purpose. The Inspection Department shall make available a list of information that must be submitted with the building permit application, including a complete ~~building code summary~~ Building Code Summary (see ~~Appendix A of the Administrative Code and Policies~~ Appendix B) complying with 106.3.2.

**Exception:** A Building Code Summary is not required if the AHJ (Authority Having Jurisdiction) determines plan review can be performed without the Building Code Summary.

**106.3.2 Building Code Summary.** ~~The Inspection Department's building code summary~~ Building Code Summary used by an AHJ shall be in the exact format as, and contain only the information in, Appendix B of the Administrative Code and Policies. ~~The Inspection Department~~ An AHJ shall only modify ~~its building code summary~~ the Building Code Summary as set forth in section 103.6 Modifications, or as necessary to reflect any changes by the Office of State Fire Marshal to Appendix B that have been approved by the Building Code Council.

**Item C – 10 Request from Marielena Salazar & Kyle Baker representing Shell Retail & Convenience Operations (dba Shell TapUp) to amend the 2024 NC Fire Code, Section 5706.5.4.5 as follows (230314 Item B-15):**

**5706.5.4.5 Commercial, industrial, governmental or manufacturing establishments.** Dispensing of Class I, II and III motor vehicle fuel from tank vehicles into the fuel tanks of motor vehicles located at commercial, industrial, governmental or manufacturing establishments is allowed where approved ~~permitted~~ provided that such dispensing operations are conducted in accordance with the following:

#### **Part D – Final Adoption**

The following Petitions for Rulemaking have been granted by the Council. Notice of Rulemaking proceedings and Public Hearing has been made. The Public Hearings were held on March 14, 2023. The Final Adoption meeting will take place on June 13, 2023. The Council will give no further consideration to Petitions that are disapproved. Petitions that are approved will proceed through the Rulemaking process. The effective date is January 1, 2025 *unless* otherwise noted. All D items can be viewed and downloaded from: <https://www.ncosfm.gov/news/events/building-code-council-meeting-december-13-2022>

Items D-3 through D-6 represent the proposed amendments to the 2021 International Codes to establish the 2024 NC Building Codes.

The 2021 International Codes for Items D-3 through D-6 can be found by clicking on the applicable code icon at the following link on the ICC website:

<https://codes.iccsafe.org/codes/i-codes/2021-icodes>

**Item D – 1 Request from the BCC NCAC&P Standing Committee to adopt the 2024 edition of the North Carolina Administrative Code and Policies as presented by the committee (221213 Item B-1).**

**Item D – 2 Request from the BCC NCAC&P Standing Committee to revise the 2024 edition of the North Carolina Administrative Code and Policies, Section 107 (221213 Item B-2).**

**107.1 General.** The inspection department shall perform the following inspections:

1. Footing – 107.1.1;
2. Under slab, as appropriate – 107.1.2;
3. Foundation – 107.1.3;
4. Building framing – 107.1.4;
5. Sheathing – 107.1.5;
- ~~5~~ 6. Rough-in ~~107.1.5~~ 107.1.6;
- ~~6~~ 7. Insulation ~~107.1.6~~ 107.1.7;
- ~~7~~ 8. Fire protection ~~107.1.7~~ 107.1.8; and
- ~~8~~ 9. Final ~~107.1.8~~ 107.1.9.

**107.1.5 Sheathing inspection.** Required for structures constructed under the NC Building Code where the exterior sheathing is part of the lateral force resistance system. Required for dwellings constructed under the NC Residential Code in 130 mph wind zones or higher where the exterior sheathing is part of the wall bracing system. Sheathing inspection shall be made during or after the framing inspection, but before the water-resistant barrier and exterior finish is installed.

*Commentary: This inspection verifies that sheathing and sheathing fasteners are installed as required by the code or the design professional. Sheathing fasteners connect sheathing to the framing to prevent framing from racking during wind or seismic loads. At the discretion of the building inspector, this inspection can be performed concurrently with the framing inspection.*

**107.1.5 107.1.6 Rough-in inspection.** Rough-in inspections shall be made when all building framing and parts of the electrical, plumbing, fire protection, or heating-ventilation or cooling system that will be hidden from view in the finished building have been placed, but before any wall, ceiling finish, or building insulation is installed.

**107.1.6 107.1.7 Insulation inspection.** Insulation inspections shall be made after an approved building framing and rough-in inspection and after the permanent roof covering is installed, with all insulation and vapor retarders in place, but before any wall or ceiling covering is applied.

**107.1.7 107.1.8 Fire protection inspection.** Fire protection inspections shall be made in all buildings where any material is used for fire protection purposes. The permit holder or his agent shall notify the inspection department after all fire protection materials are in place. Fire protection materials shall not be concealed until inspected and approved by the code enforcement official.

**107.1.8 107.1.9 Final inspection.** Final inspections shall be made for each trade after completion of the work authorized under the technical codes.

- Item D – 3 Request from the BCC Building Code Standing Committee to adopt the 2024 edition of the North Carolina Building Code as presented by the committee (221213 Item B-3).**
- Item D – 4 Request from the BCC Fire Prevention Code Standing Committee to adopt the 2024 edition of the North Carolina Fire Prevention Code as presented by the committee (221213 Item B-4).**
- Item D – 5 Request from the BCC Existing Building Code Standing Committee to adopt the 2024 edition of the North Carolina Existing Buildings Code as presented by the committee (221213 Item B-5).**
- Item D – 6 Request from the BCC Energy Conservation Code Standing Committee to adopt the 2024 edition of the North Carolina Energy Conservation Code as presented by the committee (221213 Item B-6).**

**Part E – Reports**

- ❖ **Ad-Hoc Committee Reports**
- ❖ **Standing Committee Reports**
- ❖ **Staff Reports**
- ❖ **Chairman’s Report**

**Part F – Appeals**

Rowan-Cabarrus Community College appeal is scheduled to be held on July 26, 2023 at 9:00 a.m. at the Albemarle Building (325 N. Salisbury St, Raleigh NC) in room 245.

Sincerely,



Carl Martin, RA. Secretary,  
NC Building Code Council