

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: All Codes and Amendments Submitted

DEADLINE FOR RECEIPT: Wednesday, August 9, 2017

NOTE: This request when viewed on computer extends several pages. Please be sure you have reached the end of the document.

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

Please confirm compliance with G.S. 143-136(c) and (d) where applicable.

Wherever terms are italicized in text of the Rule, please confirm that means it is a term defined elsewhere within the Code.

On all Submission for Permanent Rule forms, the date the rules were published was February 15, 2017. Please update this on Box 6.

For the adoptions to update the Codes to 2015 International Code editions, this isn't a petition for rulemaking, is it? Instead, isn't it based upon G.S. 143-138(d)? If so, please change the answer to Box 9B of the Form.

Wherever you are deleting parts of a list, please confirm that when you publish, the remaining items will be renumbered. If they will not, is that because you need to keep cross-references intact?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina 27609.

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 27, 2016

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

NOTE: This request when viewed on computer extends several pages. Please be sure you have reached the end of the document.

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

I note that "code" is not capitalized throughout this Code. So, I take it that it should remain lowercase everywhere is used as such?

So that I'm clear – this will be the 2018 Building Code? Or is it the 2019 Code?

Please confirm that the omission of Chapters 8, 13, 28 (other than the name), and 35 of the Code in the packet means the agency intends to adopt the existing language of the 2015 edition of the International Building Code ("IBC") as the NC Building Code with no changes.

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, 101.2 and 202

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

101.2: So that I'm clear – the language presented in response to this petition will be the version of 101.2 that is entered into the Code, not the language on Page 1 of the packet?

Please confirm that Exception 2 conforms to the definition of farm building in G.S. 143-138(b4)(1), as amended by SL 2017-108.

In Item (2)a, consider replacing the comma after “purposes” with a semicolon.

In (4), please state “N.C.G.S.”

In (4), I recommend inserting a comma after “towers”

In (5), you cite to Article 18 here, but in the Fire Prevention Code, you give specific statutes. Consider being consistent. You may wish to state “The storage and handling of substances governed by the Hazardous Chemicals Right to Know Act in N.C.G.S. Chapter 95, Article 18.”

Regardless of the citation you use, in (5), state “N.C.G.S.”

Chapter 2: You state that the building cannot be accessed by the general public. However, G.S. 143-138(b4) states:

(b4) Exclusion for Certain Farm Buildings. - Building rules do not apply to (i) farm buildings that are located outside the building-rules jurisdiction of any municipality, (ii) farm buildings that are located inside the building-rules jurisdiction of any municipality if the farm buildings are greenhouses, (iii) a primitive camp, or (iv) a primitive farm building. For the purposes of this subsection:

(1) A "farm building" shall include:

b. Any structure used for the display and sale of produce, no more than 1,000 square feet in size, **open to the public** for no more than 180 days per year, and certified by the Department of Agriculture and Consumer Services as a Certified Roadside Farm Market.

Amanda J. Reeder
Commission Counsel

Date submitted to agency: July 25, 2017

(1a) A "farm building" shall not lose its status as a farm building because it is used for public or private events, including, but not limited to, weddings, receptions, meetings, demonstrations of farm activities, meals, and other events that are taking place on the farm because of its farm or rural setting.

I understand that the intention is to exempt some buildings from the Building Code. What is the authority of the Council to narrow the definition of farm building in this Rule.

Please confirm that this definition conforms to the definition of farm building in G.S. 143-138(b4)(1), as amended by SL 2017-108.

On the second line, delete "but is not limited to"

On the third line, I recommend inserting a comma after "storage"

On the fourth line, I recommend inserting a comma after "poultry"

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

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.

Exceptions: If any of the following apply the building or structure is exempt from the provisions of this code:

1. Detached one- and two-family *dwelling*s and multiple single-family *dwelling*s (*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 the *International Residential Code*.

~~2. Farm buildings located outside of the buildings rules jurisdiction of any municipality.~~

~~Exception: All buildings used for sleeping purposes shall conform to the provisions of the technical codes.~~

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 or facilities of a public utility, as defined in NC 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.

Note: All *buildings* owned and operated by a public utility or an electric or telephone membership corporation shall meet the provisions of this code.

5. The storage and handling of hazardous chemicals as they relate to NC G.S. 95, Article 18 - Hazardous Chemicals Right to Know Act.

SECTION 202 DEFINITIONS

FARM BUILDING. Any *building* not used for sleeping purposes that is not accessed by the general public and is used primarily for a **farm** purpose. **Farm** purposes includes but is not limited to structures or *buildings* for **equipment**, storage and processing of agricultural products or commodities such as: crops, fruits, vegetables, ornamental or flowering plants, dairy, timber, livestock, poultry and all other such forms of agricultural products by the specific farm on which the structure or *building* is located. **Farm** purposes do not include structures or *buildings* for uses such as education facilities, research facilities, or aircraft hangers.

The delayed effective date of this Rule is January 1, 2019.

The Statutory authority for Rule-making is G. S. 143-136; 143-138.

(Note: The remainder is part of the 2018 Code adoption package.)

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, 103, 104, 105, 106, 107,108, 109,110, 111, 112, 113, 114, 115, 116

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

What are the Administrative Code and Policies you are referring to here? You need to specify this or the rules are unclear as written. If the intent is to state that that governing law and rules will apply, do you intend to state that at all or just not have these Sections within the code?

105.1.2: When this is published, will "fire code official" be italicized, since it is a defined term in the Code?

I am sure your regulated public knows what you mean by "A permit listed as optional does not make any of the technical provisions optional." However, I'm not sure I do. Can you explain this to me?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 2

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

Throughout this Rule, wherever you are removing the end of the sentence, make sure you end the sentences with a period. (See for example "Coastal A Zone")

You are defining "Bed and Breakfast Home" That term is defined in G.S. 130A-247 and this does not track it exactly. Is this not a concern, given the use of the term in G.S. 143-138, as well as other parts of this Code?

Do you not also need to define "bed and breakfast inn," again based upon G.S. 143-138 and other parts of this Code.

In Fiber-Reinforced Polymer, I suggest removing the semicolon after "types" and stating "of these fiber types that are then..."

For "Fireworks, 1.4G," I know you are reciting G.S. 14-414 here. Do you need to do so for the convenience of your regulated public, or would pointing them to the statute be sufficient?

Assuming you need to retain it, replace "which" with "that" in 4 and 6.

And in 4, the statute has "noisemakers" as one word. Is the use of "noise makers" correct?

For "ladder," the specific cited CFR is for scaffolding and rope descent systems. What is the correct citation?

In the definition of "Night Club" replace "and/or" with "or" and delete the "and" at the end of 1.

In "Open Air Camp Cabin," I recommend inserting an "and" after "cooling system,"

For the definition of "Respite Care Facility" please confirm this complies with the statutory definition.

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

Also for this term, the second sentence is not a complete sentence. Should this read "The length of stay per recipient shall not exceed..."

For "Temporary Overflow Shelter," I take it "temporary" is understood by your regulated public?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 3

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

305.1.2 and 308.6.5: Please state "N.C.G.S. 110-86(2)(d) and (d1)"

308.6: You refer to "facility" (singular) licensed as "facilities" (plural) Please make this consistent.

310.3 and 310.4: When you publish, won't "open air camp cabin" be italicized since it's being defined?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 4

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

When you publish, will the defined terms in Chapter 2 be italicized? For example, "smoke compartment" and "approved"?

407.12: In the Exception to 2, I suggest stating, "Independent standby... detection system or automatic sprinkler system, when activated, has precedence..."

In 3.1, last sentence, replace "which" with "that"

412.4.7.2: I suggest inserting a comma after "a fire area"

427.1.3: What is your authority to mandate staffing ratios? I understand training, but what is the authority to require awake overnight staff?

427.1.4: In the second paragraph, state "The building owner"

427.1.5.1: Remove the hyphen from "90 minutes"

428.1: What is a "small nonambulatory care facility" and "large residential care facility"? If this is a reference to 428.3 and others, why not state that? What is intended here?

Here, you use the term "state agency" but in 428.3 and 428.5, you capitalize the term "State Agency" Please be consistent using the term

428.2: What do you mean by the last sentence? Is the designation as defined in the NC Residential Code? Or is this intended to state that these facilities are subject to the Residential Code?

428.2.1: I take it "normally" is known to your regulated public? (Here and elsewhere the term is used?)

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

428.3.2: I recommend inserting a comma after “section”

428.3.4 and current 428.5.3: So that I’m clear, you are not including the language that is both underlined and struck? If so, simply remove it.

428.3.6, current 428.5.5, 428.5.8: I cannot locate this table in the IBC or the packet. What did you intend to cross-reference?

428.5.6: I cannot locate the cross-reference to 425.5.8. Did you instead intend to cite to some portion of 428?

429.1.3: Replace “which” with “that” and delete “but not limited to” unless you need to retain it to be consistent with the IBC.

430.1: Is “separated 2-hour fire-resistance rated construction” known to your regulated public? If this is not a term of art, should it read, “shall be separated by 2-hour...”? (It appears from 430.2 that this is the correct phrasing.)

430.2: Replace “which” with “that”

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 7

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

705.12: *What is "combustible construction" and "underlayment"? Does your regulated public know?*

I suggest inserting a comma after "combustible construction"

I also suggest replacing the commas at the end of 1 through 5 with semicolons.

711.2.4.2: *Do you mean "Section" or "Table" 508.4?*

722.6.3: *On Page 59, what do you mean by "Equation 7-18" etc.?*

Also, for all of the equations, replace "which" with "that"

In the definition of "Z" I cannot find the cross-reference. Do you mean Figure 721.6.3(1) on Page 59 of the packet?

722.6.1: *What is equation 7-21?*

721.6.3.3: *What is the AITC Technical Note 7? I don't see AITC in the list of referenced standards in Chapter 35. Does this need to be added to the Chapter in order to comply with G.S. 150B-21.6, which governs incorporation by reference?*

721.6.3.4: *The second and third sentences do not read as complete sentences. Are these terms of art or are you missing language here?*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 9

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

901.7: Do you mean "Section" or "Table" 508.4?

903.2.1.3: In Exceptions 1 and 2, is this "separate" use, rather than "separated"?

903.2.8: In Exception 3, what are "camping units"? Are they known to your regulated public?

End 3.1 through 3.3 with consistent punctuation. I recommend using semicolons for 3.1 and 3.2, ending 3.2 with an "and" and ending 3.3 with a period. However, if you want to end all of the sentences with periods to be consistent with 4, that is fine, too.

In Exception 4, why is "Open Air Camp Cabin" capitalized once but not in 4.1 through 4.3?

4.2 and 4.3, why is "Code" capitalized?

903.2.8.5 and 903.2.8.6: In 1 (both rules) and 2, why not state "The building does not exceed"

903.2.8.5.1: I recommend beginning 1 and 2 "The building..."

903.3.1.2: Should the measurement have a comma? "(18,288 mm)"?

903.4.1: So that I'm clear – in 903.4.1(3), is the supervision in accordance with 903.4, or this section? Or should it be "monitored," which is the language in 903.4?

Is "constantly attended" known to your regulated public? What does this mean?

907.2.3: In Exception 1, the correct cross-reference is Section 429.

907.5.2.1: In Exception 4, you usually don't say "as per" Do you mean "as defined in" or "governed by"?

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

909.4: *When you publish, will “registered design professional” be italicized, since it is defined in Chapter 2?*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 10

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

Table 1004.1.2: In Footnote b, I cannot locate Section 303.1 exception 2 in the IBC or the packet. What is the correct cross-reference?

1004.3: What does this reference to the NC Administrative Codes and Policies mean?

1010.1.9.3: In 2.3, I cannot locate Section 1008.1.9.3 in the IBC or the packet. What is the correct cross-reference?

1010.1.9.11: In 6, why not state "Except for high-rises, for stairways serving floors above a 3-hour horizontal building separation, doors are permitted..."

1011.15.2: Please use a colon, rather than semicolon, after "a" and then use semicolons at the end of 1 and 2.

1013.3: Is the term supposed to be "open air camp cabins"?

1020.1: In the "Occupancy" column, for R, should the footnotes "h" and "e" be separated by a comma?

1020.6: In 3.3., is the term "point-of-use" hyphenated?

1030.1: In Exception 4, should it read "In Group E occupancies where the room"?

Delete the "and" at the end of 4.1 through 4.3 and replace the commas at the end of 4.1 – 4.4 with semicolons.

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 11

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

1104.4: *In 1.4, make sure you delete the comma after "dormitories" so the sentence ends with a period.*

1111.1: *In 1 and 2, the citation is G.S. 20-37.6.*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, 1107.6.2.2.1

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

In the February 15, 2017 Register, you published this petition for the proposed amendment as "more than 20 units" and "at least 2 percent." The change made post-publication increased the requirement from .4 to .75. Why was this change made? Was it in response to comments?

In addition, you note a correlation to the 2018 Existing Building Code. Was this change made after publication to conform to that?

Also, in the packet, is the intent to not change 1107.6.2.2.1 on Page 97 as submitted?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

2018 NC Building Code
1107.6.2.2.1 Type A units. (161213 Item B-11)

1107.6.2.2.1 Type A units.

In Group R-2 occupancies containing ~~11 or more~~ **than 15** *dwelling units or sleeping units*, at least **5 percent** but not less than one of the units shall be a *Type A unit*. ~~For a site with more than 100 units, at least 2 percent of the number of units exceeding 100 shall be Type A units.~~ All Group R-2 units on a *site* shall be considered to determine the total number of units and the required number of *Type A units*. *Type A units* shall be dispersed among the various classes of units. Bedrooms in monasteries and convents shall be counted as *sleeping units* for the purpose of determining the number of units. Where the *sleeping units* are grouped into suites, only one *sleeping unit* in each suite shall count towards the number of required *Type A unit*

Exceptions:

1. The number of *Type A units* is permitted to be reduced in accordance with Section 1107.7.
2. *Existing structures* on a *site* shall not contribute to the total number of units on a *site*.

The delayed effective date of this Rule is January 1, 2019.
The Statutory authority for Rule-making is G. S. 143-136; 143-138.

(Note: The remainder is part of the 2018 Code adoption package.)

(Note: Also “more than 15” correlation with 2018 Existing Building Code adoption package, 806.1.8.)

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 15

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

1507.2.2: Doesn't the language of "of two units... up to but less than four" mean "between two and three"? If so, wouldn't it be easier to state that?

1512.2.2.1 and 1512.2.3.3, Exception 1: I believe the numbers should have commas. "(45,720 mm)" unless it would contradict the rest of the Code.

1512.2.2.2, 1512.2.3.2: How will the regulated public know what is "capable of supporting the fire fighters accessing the roof"?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 16

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

1608.2, 1609.3(1), 1609.3(2), 1609.3(3), 1611.1, 1613.3.1(1), (2), (3), (4), (5), (6) and, (7), .: *You are deleting the Figure in the IBC, but you don't provide the NC figure.*

Also, in 1608.2, you refer to counties requiring cite specific case studies, but I don't know what those are. And what are "hatched counties"?

Which of the 1613.1 figures are you including the NC Code? It is unclear from the note, "Replace Figs 1613.5(x) with NC Figures."

1609.2: *In Exception 1, since you are deleting language, please be sure to insert a comma after "ASCE 7"*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 17

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

1701.2: *You are changing the title to "Alternative materials" but keeping "new materials" in the language of the rule. Do the terms "alternative" and "new" mean the same thing?*

What "NC Administrative Code and Policies" are you referring to?

1703.4.1: *Insert a period after "owner"*

1704.1, 1704.1.1, 1704.2, 1704.6, 1707.1: *What "NC Administrative Code and Policies" are you referring to?*

1704.2.1: *I take it your regulated public will understand the experience and training equivalency set forth in the Rule?*

1705.1.3: *Should there be an article before "building" like "the building"? If not, do you mean "building" as a verb?*

End 2 with a period.

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 18

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

1803.5.6: What are "doubtful characteristics"? Does your regulated public know? And please note the same question for "sufficient number"

1806.2: What does 3 mean? What are "adjoining sites" and available from whom and what are "similar" loading conditions?

1807.2.5: Is "responsible charge of a registered design professional" the same as the defined term, "registered design professional in responsible charge"?

1808.7.1: Please provide the new figure.

1809.4: What is the "engineering analysis"? What are the contents? Does your regulated public know?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 22

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

2211.3 and 2211.3.2: *What is the "placement diagram"? Does your regulated public know?*

What do you mean by "detailed"?

2211.3.2: *Who submits this to the project registered design professional? Is it the manufacturer, as stated in 2302.4.3? If so, I suggest stating that. And I take it the approval is based upon the requirements of this Code?*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 23

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

2304.10 and 2308.1.2: *Who will determine which standard to follow or that applies?*

2304.12.4.2: *Please include the citation for these Rules, 02 NCAC 34.*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 26

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

2603.8.1: *Just so I'm clear – while 2603.8 refers to less than 8 inches, this rule refers to less than 6 inches. Is this correct?*

Please include the citation for these Rules, 02 NCAC 34.

2603.8.2: *I believe the word “way” should be “away”*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 29

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

Table 2902.1: In Institutional, I-4, correctly spell "visitors"

I don't see where Footnote h is used in the table. And what is a "can wash"?

In Footnote j, I believe "increase" should be "increases"

In Footnote n, replace "which" with "that"

2902.7: What is the "above table"? Is it the Plumbing Code table? If so, I'd state "Table 403.1"

2902.9.1: You state the maximum class size and cite to N.C.G.S. 115C-301. However, that statute sets limits for only Kindergarten through 3rd grade, and allows the school districts to allocate the rest. What is your authority to set class size here? If the intent is to simply limit occupancy, state that.

2902.9.3: Is the intent to ensure that in setting ratios that these ratios be considered? Otherwise, I don't see how you all have the authority to set the staffing ratio for teachers in public schools.

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 30

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

Does 3001.1 need to be amended to state that these standards do not apply to the elevators exempted by G.S. 143-138(c1), or is that known to your regulated public?

3002.10: *I suggest inserting a comma after "requirement"*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 32

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

3205.5.2: I am simply checking is the measurement supposed to be 7742 mm²? If so, make sure that is reflected when you publish the Code.

And will your regulated public know the strength required for the load specified from either this code or the manufacturer specifications?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 34

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

What are the Administrative Code and Policies you are referring to here?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Chapter 36

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

What is the purpose of the commentaries in this Chapter? Are they the commentaries contemplated by G.S. 143-138(d)?

(d) Amendments of the Code. - The Council, through the Department of Insurance, shall publish in the North Carolina Register all appeal decisions made by the Council and all formal opinions at least semiannually. The Council, through the Department of Insurance, shall also publish at least semiannually in the North Carolina Register a statement providing the accurate Web site address and information on how to find additional commentary and interpretation of the Code.

If the purpose is the statute, why is it in this Chapter, rather than on the website?

Or is this the "written commentary" contemplated by G.S. 143-138.1(b), and posted on the website and in the Code?

§ 143-138.1. Introduction and instruction of the North Carolina Building Code; posting of written commentaries and interpretations on Department of Insurance Web site.

(a) Prior to the effective date of Code changes pursuant to G.S. 143-138, the State Building Code Council and Department of Insurance shall provide for instructional classes for the various trades affected by the Code. The Department of Insurance shall develop the curriculum for each class but shall consult the affected licensing boards and trade organizations. The curriculum shall include explanations of the rationale and need for each Code amendment or revision. Classes may also be conducted by, on behalf of, or in cooperation with licensing boards, trade associations, and professional societies. The Department of Insurance may charge fees sufficient to recover the costs it incurs under this section. The Council shall ensure that courses are accessible to persons throughout the State.

(b) The Department of Insurance shall post and maintain on its Web site written commentaries and written interpretations made and given by staff to the North Carolina Building Code Council and the Department for each section of the North Carolina Building Code. (1997-26, s. 6; 2013-118, s. 3.5.)

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

When this is published, will the defined terms (from this Chapter and the IBC) be italicized?

3601.1: *So that I'm clear – the Council considers docks, piers, bulkheads to be structures, as well as waterway structures, such that the Council can regulate them pursuant to G.S. 143-138(b3)?*

3602: *In the definition of “filler” replace “and/or” with “or” (assuming you mean properties or performance or cost or a combination or all three)*

In the definition of “roving,” please insert a comma after “material”

3603.1: *Delete “but is not limited to” unless you need to retain it.*

Do you mean to refer to NC Department of Environmental Quality? If so, please use the correct name.

3604.2: *I take it your regulated public knows what “dead loads” are?*

3604.3: *I take it your regulated public knows what “live loads” are?*

Replace “which” in “retained material which exert horizontal loads” with “that”

Does your regulated public know where to get the Standard Specifications?

3604.8.3: *Insert a comma after “break away”*

3604.11: *What is “ample” consideration? Does the regulated public know?*

In 3605.1: *I take it that your regulated public knows what constitutes “good engineering practices”?*

Table 3605.1: *“Dimensions” column, why is the “5/4” there? Is this a formatting issue or is it a reference to the footnotes?*

Table 3605.7.2: *What does “T_g” mean?*

To what does Footnote 1 apply?

605.7.2.3.1: *Shouldn't d. end with an “and” or “or”?*

3605.7.2.3.2: *Delete the comma after “ASTM D638”*

3606.2: *I believe “foam-filled” should be hyphenated.*

3606.6 and the Exception: *Replace “regulations” with I believe you mean “rules” unless you mean some federal regulations. If you do mean federal regulations, please specify which ones you are referring to.*

Amanda J. Reeder
Commission Counsel
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In the Commentary for 3606.7, I suggest that you say “the Americans with Disabilities Act.”

3606.8.1.2: Do you mean “at” rather than “a” in the first sentence? “Occupant loads for docks constructed at public marinas...”?

3606.8.2: This is a very long sentence. I recommend breaking it into two sentences, ending the first one after “pier.” Then “The pier shall be constructed of noncombustible materials...”

In 3607.1.1: I take it your regulated public knows what is “effective against erosion”?

I am not sure what the second sentence means – you state “either of the following or combinations thereof.” “Either” implies there are two choices, but there appears to multiple choices. Should it read “any of the following”?

3607.1.3: In the last line, I think you mean “rules” rather than “regulations”

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Appendix C

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

You do not need to state "North Carolina General Statute" and "G.S." as that is repetitive. Please just one or the other. If you chose to us "G.S." state "N.C.G.S."

And I take it you are adopting the rest of the Appendix as written?

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017

REQUEST FOR TECHNICAL CHANGE

AGENCY: NC Building Code Council

RULE CITATION: NC Building Code, Appendix G

DEADLINE FOR RECEIPT: Tuesday, August 8, 2017

The Rules Review Commission staff has completed its review of this rule prior to the Commission's next meeting. The Commission has not yet reviewed this rule and therefore there has not been a determination as to whether the rule will be approved. You may call this office to inquire concerning the staff recommendation.

In reviewing these rules, the staff determined that the following technical changes need to be made:

G101.3: *Please insert a period after "code."*

G101.4: *What are the "North Carolina Administrative Code and Policies" you are referring to here?*

Please retype the rule accordingly and resubmit it to our office at 1711 New Hope Church Road, Raleigh, North Carolina

Amanda J. Reeder
Commission Counsel
Date submitted to agency: July 25, 2017