



2022 Connecticut State Building Code

Errata #1

April 12, 2023

The following corrections are to be included as part of the code:

AMENDMENTS TO THE 2021 INTERNATIONAL BUILDING CODE

Page 6 **104.10.6 Lift and limited use/limited application elevator approval [Chapter 1 – Scope and Administration]**

Reference to “Section 1109.8” should read: “Section 1110.9”.

Page 10 **105.3.4 Permit issuance to a home improvement contractor [Chapter 1 – Scope and Administration]**

The phrase “is clearly marked” should read: “are clearly marked”.

Page 13 **111.1.2 Zoning approval [Chapter 1 – Scope and Administration]**

Section number should read: “111.1.1”.

Page 14 **111.1.3 Fire marshal approval [Chapter 1 – Scope and Administration]**

Section number should read: “111.1.2”.

111.1.4 Statement of professional opinion [Chapter 1 – Scope and Administration]

Section number should read: “111.1.3”.

111.1.4.1 Threshold Structures [Chapter 1 – Scope and Administration]

Section number should read: “111.1.3.1”.

Insert “the” before “professional engineer”.

111.1.5 Special Inspections [Chapter 1 – Scope and Administration]

Section number should read: “111.1.4”.

111.1.6 Concrete documentation [Chapter 1 – Scope and Administration]

Section number should read: “111.1.5”.

Page 15 111.6 Certificate of approval [Chapter 1 – Scope and Administration]

Insert “and” after “*habitable space*”.

Page 19 202.1 Definitions [Chapter 2 – Definitions]

Insert the following definition: “(Add) **FULL CUTOFF LUMINAIRE**. A luminaire that allows no direct light emissions above a horizontal plane through the luminaire’s lowest light-emitting part.”

Page 23 Chapter 3 – Use and Occupancy Classification

Insert the following section: “(Amd) **310.1 Residential Group R**. Residential Group R includes, among others, the use of a building or structure, or a portion thereof, for sleeping purposes when not classified as an Institutional Group I or when not regulated by the *International Residential Code*. Group R occupancies not constructed in accordance with the *International Residential Code* as permitted by Section 101.2 shall comply with Section 420.”

Page 32 907.2.11.2.2 Alterations and additions [Chapter 9 – Fire Protection Systems]

The phrase “When an alteration of *addition*” should read: “When an alteration or *addition*”.

Page 34 915.8 During construction [Chapter 9 – Fire Protection Systems]

Reference to “907.2.11.2.2.1” should read: “Section 907.2.11.2.2.1”.

1004.5 Areas without fixed seating [Chapter 10 – Means of Egress]

Reference to “Table 1004.52” should read: “Table 1004.5”.

Page 35 1005.3.1 Stairways [Chapter 10 – Means of Egress]

Insert “use” after “permitted to” in Exception 2.

1005.3.2 Other egress components [Chapter 10 – Means of Egress]

Insert “use” after “permitted to” in Exception 2.

Page 38 1013.2 Low-level exit signs [Chapter 10 – Means of Egress]

Insert a comma after “patient and client sleeping areas of Group I-2 occupancies”.

Page 42 1104.4 Multilevel buildings and facilities [Chapter 11 – Accessibility]

Exception 1 should read: “An *accessible route* is not required to stories or *occupied roofs*, or *mezzanines* that comply with Sections 1103.2.15 and 1103.2.16, respectively.”

Page 57 **3103.5.2 Use Period [Chapter 31 – Special Conditions]**

Delete comma and insert “or” after “Temporary tents”.

Page 61 **3109.3 Public swimming pools [Chapter 31 – Special Construction]**

Section number should read: “3109.2”.

3109.4 Swimming pool barriers [Chapter 31 – Special Construction]

Section number should read “3109.3”.

AMENDMENTS TO THE 2021 INTERNATIONAL EXISTING BUILDING CODE

Page 73 **101.10 Means of egress [Chapter 1 – Scope and Administration]**

Reference to “2022 Connecticut State Fire Prevention Code” should read: “2022 Connecticut State Fire Safety Code”.

Page 77 **306.7.8 Lifts and limited-use/limited-application elevators in existing buildings [Chapter 3 – Provisions for All Compliance Methods]**

Reference to “Section 1109.8” should read: “Section 1110.9”.

Page 78 **308.1 Carbon monoxide alarms in existing portions of a building [Chapter 3 – Provisions for All Compliance Methods]**

Section should be labeled as “(Amd)” instead of “(Add)”.

Page 78 **503.1 General [Chapter 5 – Prescriptive Compliance Method]**

Exception 1 should read: “Existing and replacement stairways in existing structures shall not be required to comply with the requirements of Section 1011.5 of the *International Building Code*, where such pitch or slope cannot be reduced because of existing construction.”

AMENDMENTS TO THE 2021 INTERNATIONAL PLUMBING CODE

Page 82 **108.2.6 Posting of required inspections [Chapter 1 – Scope and Administration]**

Section number should read: “112.2.6”

108.5 Notification of inspection and testing results [Chapter 1 – Scope and Administration]

Section number should read: “112.5”

Page 83 **110.2 Retention of construction documents [Chapter 1 – Scope and Administration]**

Section number should read: “107.2”

SECTION 114 MEANS OF APPEALS [Chapter 1 – Scope and Administration]

Section number should read: “113”

Insert the following: “(Del) **SECTION 114 BOARD OF APPEALS** Delete this section in its entirety and refer to Section 113 of the 2021 *International Building Code* portion of the 2022 Connecticut State Building Code – Means of Appeal.”

AMENDMENTS TO THE 2021 INTERNATIONAL MECHANICAL CODE

Page 90 **106.4.8 Retention of construction documents [Chapter 1 – Scope and Administration]**

Section should be labeled as “(Amd)” instead of “(Add)” and section number should read: “107.2”.

Page 91 **108.2.6 Posting of required inspections [Chapter 1 – Scope and Administration]**

Section number should read: “112.2.6”.

108.2.7 Notification of inspection and testing results [Chapter 1 – Scope and Administration]

Section number should read: “112.4”.

SECTION 114 MEANS OF APPEALS [Chapter 1 – Scope and Administration]

Section number should read: “113”

Insert the following: “(Del) **SECTION 114 BOARD OF APPEALS** Delete this section in its entirety and refer to Section 113 of the 2021 *International Building Code* portion of the 2022 Connecticut State Building Code – Means of Appeal.”

AMENDMENTS TO THE 2021 INTERNATIONAL ENERGY CONSERVATION CODE

Page 102 R403.3.1.1 Duct insulation values [Chapter 4 [RE] – Residential Energy Efficiency]

Reference to “Section 403.2.1” should read: “Section 403.3.1”.

Insert the following section:

(Amd) **R406.7.2.1 Proposed compliance report for permit application.** Compliance reports submitted with the application for a building permit shall include the following:

1. Building street address, or other building site identification.
2. Declare ERI on title page and building plans.
3. The name of the individual performing the analysis and generating the compliance report.
4. The name and version of the compliance software tool.
5. Documentation of all inputs entered into the software used to produce the results for the reference design and/or the rated home.
6. A certificate indicating that the proposed design has an ERI less than or equal to the appropriate score indicated in Section 406.5 when compared to the ERI reference design. The certificate shall document the building component energy specifications that are included in the calculation, including: component level insulation R-values or U-factors; assumed duct system and building envelope air leakage testing results; and the type and rated efficiencies of proposed heating, cooling, mechanical ventilation, and service water-heating equipment to be installed. If on-site renewable energy systems will be installed, the certificate shall report the type and production size of the proposed system.
7. When a site-specific report is not generated, the proposed design shall be based on the worst-case orientation and configuration of the rated home.

AMENDMENTS TO THE 2021 INTERNATIONAL RESIDENTIAL CODE

Page 120 **R102.5 Appendices [Chapter 1 – Scope and Administration]**

Reference to “AU” should read: “AE; AF; AG; AH; AK; AO; AP; AQ; and AY”.

Page 125 **R106.6 Additional requirements [Chapter 1 – Scope and Administration]**

Add the following parenthetical after “24,000 square feet”: “(2230 m²)”.

R107.1 General [Chapter 1 – Scope and Administration]

Add the following parenthetical after “900 square feet” in Exception 3: “(84 m²)”.

Page 127 **R110.8 Manufactured housing used as dwellings [Chapter 1 – Scope and Administration]**

Reference to “Appendix E” should read: “Appendix AE”.

Page 128 **R110.9 Certificate of Approval [Chapter 1 – Scope and Administration]**

Section should be modified as follows:

- Section number should read: “R110.10”.
- Add the following parenthetical after “7 feet”: “(2134 mm)”.
- Add the following parenthetical after “3 feet”: “(914 mm)”.

Page 131 **R301.2.1 Wind design criteria [Chapter 3 – Building Planning]**

Reference to “Appendix U” should read: “Appendix AY”.

TABLE R301.2(1) CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA [Chapter 3 – Building Planning]

Section should be modified as follows:

- Table number should read: “R301.2”.
- References to “Appendix U” in “Ground Snow Load” and “Wind Design” columns should read: “Appendix AY”.

Page 134 **R301.2.1.4.1 Wind directions and sectors [Chapter 3 – Building Planning]**

Insert “on” after “(0.79 rad)” and add a comma after “R301.2.1.4.3”.

Page 135 **R301.2.2 Seismic provisions [Chapter 3 – Building Planning]**

The word “substution” should read: “substitution”.

R302.2.7 Sound transmission [Chapter 3 – Building Planning]

Reference to “Appendix K” should read: “Appendix AK”.

- Page 136** **R302.3.2 Sound transmission [Chapter 3 – Building Planning]**
Reference to “Appendix K” should read: “Appendix AK”.
- R302.6 Dwelling/garage fire separation [Chapter 3 – Building Planning]**
Reference to “Type IV HT” should read: “Type IV-HT”.
- Page 140** **R314.2.2 Alterations, repairs and additions [Chapter 3 – Building Planning]**
The word “decks” in Exception 1 should read: “deck”.
- R314.2.3 During construction [Chapter 3 – Building Planning]**
Insert the word “Section” before “R315.2.3”.
- Page 141** **R320.4.2 Design flood elevation [Chapter 3 – Building Planning]**
Insert “both of the following” before the colon in the introductory paragraph and replace “, and” at the end of paragraph 1 with a period.
- Page 144** **R404.4.1 Guards [Chapter 4 – Foundations]**
Replace the word “when” with “where”.
- Page 145** **R905.1.1 Underlayment [Chapter 9 – Roof Assemblies]**
The introductory paragraph should read: “(Amd) **R905.1.1 Underlayment** *Underlayment* for asphalt shingles, clay and concrete tile, *metal roof shingles*, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles, wood shakes, *metal roof panels* and *photovoltaic shingles* shall conform to the applicable standards listed in this chapter. *Underlayment* materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a *label* indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1(1). A minimum 4-inch-wide (102 mm) strip of self-adhering polymer-modified bitumen membrane complying with ASTM D1970, installed in accordance with the manufacturer’s instructions for the deck material, shall be applied over all joints in the roof decking. Underlayment shall be applied over the entire roof and over the 4-inch-wide (102 mm) membrane strips and shall be applied in accordance with Table R905.1.1(2). Underlayment shall be attached in accordance with Table R905.1.1(3).”

Exception 2 should read: “The 4-inch-wide (102 mm) strips of self-adhering polymer-modified-bitumen membrane are not required for roofs sheathed with lumber having a nominal width of less than 3 feet.”
- Page 146** **TABLE R905.2.4.1 CLASSIFICATION OF ASPHALT ROOF SHINGLES [Chapter 9 – Roof Assemblies]**
Reference to “Appendix U” in column headings should read: “Appendix AY”.

- Page 148** **M1502.4.2 Duct installation [Chapter 15 – Exhaust Systems]**
- The measurement ‘4’ in the Exception should read: “4 inches”. Insert “(102 mm)” after “4 inches”.
- Page 150** **Chapter 25 – Plumbing Administration**
- Delete heading “Chapter 25 – Plumbing Administration” on page 150.
- Move “(Del) **P2603.5.1 Sewer depth.** Delete without substitution.” under heading “Chapter 26 – General Plumbing Requirements”.
- Page 153** **Appendix E – Manufactured Housing Used as Dwellings**
- Heading should read: “Appendix AE – Manufactured Housing Used as Dwellings”.
- AE101.1 General [Appendix AE – Manufactured Housing Used as Dwellings]**
- Reference to “Appendix E” should read: “Appendix AE”.
- Page 154** **Appendix F – Passive Radon Gas Controls**
- Heading should read: “Appendix AF – Passive Radon Gas Controls”.
- AF101.2 Radon mitigation preparation construction technique.**
- Reference to “Section AF104” should read: “Section AF105”.
- Page 155** **AF105.6.1 Conduit for future radon fan [Appendix AF – Passive Radon Gas Controls – Section AF105 Radon Mitigation Preparation]**
- Insert “(19 mm)” after ¾-inch and replace “that” in first sentence with “where”.
- Page 157** **Appendix U – Wind Speeds, Seismic Design Categories and Ground Snow Loads**
- Heading should read: “Appendix AY – Wind Speeds, Seismic Design Categories and Ground Snow Loads”.