

MEMORANDUM

TO: Members of the State Codes Advisory Committee
Georgia Building Officials
Industrialized Buildings Manufacturers and Third-Party Agencies
Interested Parties

FROM: Ted Miltiades, Director TM
Office of Construction Codes and Industrialized Buildings

DATE: June 14, 2022

SUBJECT: Notice of Intent to adopt new 2022 additional Georgia Amendment, Effective September 1, 2022 and new 2023 Georgia Amendments, Effective January 1, 2023

The State Codes Advisory Committee (SCAC) met on June 2, 2022. The SCAC recommended that the Department of Community Affairs (DCA) Board adopts the 2022 additional Georgia Amendment to the 2015 International Energy Conservation Code to be effective September 1, 2022. The SCAC also recommended that the DCA Board adopts the 2023 Georgia Amendments to the 2018 International Plumbing Code and the 2015 International Energy Conservation Code be effective January 1, 2023.

The Notice of Intention to Adopt, Synopsis, and proposed Georgia Amendments are available for review on the Georgia Department of Community Affairs web page: <https://www.dca.ga.gov/node/7988>

The proposed Georgia Amendments will be presented to the Department of Community Affairs Board at 10:30 A.M. on Wednesday, August 10, 2022, at the DCA main office, 60 Executive Park South, NE, Atlanta, GA 30329 in Boardroom #302. If approved, the 2022 additional Georgia Amendments will become effective September 1, 2022. Furthermore, if approved the 2023 Georgia Amendments will become effective January 1, 2023. If you have questions regarding the referenced documents, please contact the Construction Codes Program at 404-679-3118 or codes@dca.ga.gov.

TM/jr

cc: Christopher Nunn, DCA
cc: Christy Barnes, DCA
cc: Rusty Haygood, DCA
cc: Kyle Hood, DCA

NOTICE OF INTENTION TO ADOPT

- **2022 additional Amendment to the 2015 International Energy Conservation Code**
- **2023 Amendments to the 2015 International Energy Conservation Code**
- **2023 Amendments to the 2018 International Plumbing Code**

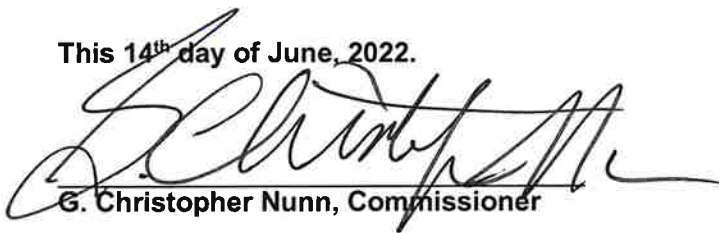
NOTICE IS HEREBY GIVEN at a meeting beginning at 10:30 A.M. on Wednesday, August 10, 2022, at the Georgia Department of Community Affairs, 60 Executive Park South, NE, Atlanta, GA 30329-2231, in Boardroom #302, the Board of Community Affairs intends to adopt the above-referenced code amendments. If adopted by the Board, it is proposed the 2022 additional amendment identified above become effective on September 1, 2022. Furthermore, if adopted by the Board, it is proposed that the 2023 amendments identified above become effective on January 1, 2023.

The new amendments to the Georgia State Minimum Standard Codes for construction are proposed for adoption under the authority granted to the Board of Community Affairs by the Official Code of Georgia Annotated (O.C.G.A.) Section 8-2-23. The proposed Georgia Amendments are available for review on the Georgia Department of Community Affairs website: <https://www.dca.ga.gov/node/7988> or by contacting the Construction Codes Program at 404-679-3118. The proposed 2022 additional amendment and 2023 amendments are available for inspection at the Department of Community Affairs, 60 Executive Park South, N.E., Atlanta, Georgia 30329-2231.

In accordance with the Administrative Procedure Act, a public hearing has been scheduled for 10:00 A.M., Tuesday, July 19, 2022 at the Department of Community Affairs, Room 302, 60 Executive Park South, NE, Atlanta, Georgia 30329-2231.

Any party wishing to express views or opinions regarding the proposed Georgia Amendments may do so by submitting them in writing by close of business on Friday, July 15, 2022, to Ted Miltiades, Director, Office of Construction Codes, Georgia Department of Community Affairs, 60 Executive Park South, N.E., Atlanta, Georgia, 30329-2231, or by presenting them at the public hearing.

This 14th day of June, 2022.


G. Christopher Nunn, Commissioner


My Commission Expires 8/10/2025



**GEORGIA AMENDMENTS TO THE 2015 INTERNATIONAL ENERGY
CONSERVATION CODE AND GEORGIA AMENDMENTS TO THE 2018
INTERNATIONAL PLUMBING CODE**

SYNOPSIS OF PROPOSED RULES

If adopted by the Board of Community Affairs, the proposed rule would adopt the following Georgia Amendments to the **INTERNATIONAL ENERGY CONSERVATION CODE, 2015 Edition**:

INTERNATIONAL ENERGY CONSERVATION CODE, 2015 EDITION:

- Add a new section “Important Note” beneath the “Residential Provisions” heading in the Georgia State Supplements and Amendments to the International Energy Conservation Code (2015 Edition) as follows:
- Revise Table 402.1.2 ‘Insulation and Fenestration Requirements by Component^a’ header ‘Floor *R*-Value’ and add new footnote ‘j’ to read as follows:
- Revise Table 402.1.4 ‘Equivalent *U*-Factors^a’ header ‘Floor *U*-Value’ and add new footnote ‘d’ to read as follows:
- Revise Underfloor Insulation in Appendix RA Georgia Insulation Installation – *Passing Grade Details* (p.45) to read as follows:

FURTHERMORE, if adopted by the Board of Community Affairs, the proposed rule would adopt the following Georgia Amendment to the **INTERNATIONAL PLUMBING CODE, 2018 Edition**:

INTERNATIONAL PLUMBING CODE, 2018 EDITION:

- Delete Table 403.1 ‘Minimum Number of Required Plumbing Fixtures’ from the International Plumbing Code 2020 Amendments.



Georgia State Supplements and Amendments to the International Energy Conservation Code (2015 Edition)

Georgia Department of Community Affairs
Community Development Division
60 Executive Park South, N.E.
Atlanta, Georgia 30329-2231
(404) 679-3118
www.dca.ga.gov

Revised September 1, 2022

**GEORGIA STATE MINIMUM STANDARD ENERGY CODE
(INTERNATIONAL ENERGY CONSERVATION CODE
WITH GEORGIA STATE SUPPLEMENTS AND AMENDMENTS)**

The **INTERNATIONAL ENERGY CONSERVATION CODE, 2015 Edition**, published by the International Code Council, when used in conjunction with these Georgia State Supplements, Amendments and any other Georgia State Amendments, shall constitute the official *Georgia State Minimum Standard Energy Code*.

GEORGIA STATE SUPPLEMENTS AND AMENDMENTS

SCOPE:

Each chapter of these Georgia State Supplements and Amendments corresponds with a chapter of the *International Energy Conservation Code (IECC)*.

Commercial Provisions

- Chapter 1: Scope and Administration
- Chapter 2: Definitions
- Chapter 3: General Requirements
- Chapter 4: Commercial Energy Efficiency
 - Compliance Pathways for Commercial and High-Rise Residential Construction:
 - Any of those delineated in this chapter; or
 - *COMcheck*¹
- Chapter 5: Existing Buildings
- Chapter 6: Referenced Standards

Residential Provisions

- Chapter 1: Scope and Administration
- Chapter 2: Definitions
- Chapter 3: General Requirements
- Chapter 4: Residential Energy Efficiency
 - Compliance Pathways for Low-Rise Residential Construction:
 - Any of those delineated in this chapter; or
 - *REScheck*¹
- Chapter 5: Existing Buildings
- Chapter 6: Referenced Standards
- Appendices RA, RB, RC and RD
 - Throughout the appendices, there is information that may be helpful in meeting and understanding the *Georgia State Minimum Standard Energy Code*. In cases of conflict, refer to the *IECC* for clarification.

1. *REScheck* and *COMcheck* are computer programs developed by Pacific Northwest National Laboratories for the U.S. Department of Energy (D.O.E.) to assist in demonstration of compliance with the *IECC*. They may be obtained free of charge from the D.O.E. online at www.energycodes.gov. When following the *REScheck* compliance pathway, select the 2015 *IECC* as the code version. When following the *COMcheck* compliance pathway, select either *IECC* 2015 or *ASHRAE/IESNA Standard 90.1-2013*.

The ‘Mandatory’ requirements of the *IECC* apply to all compliance methods.

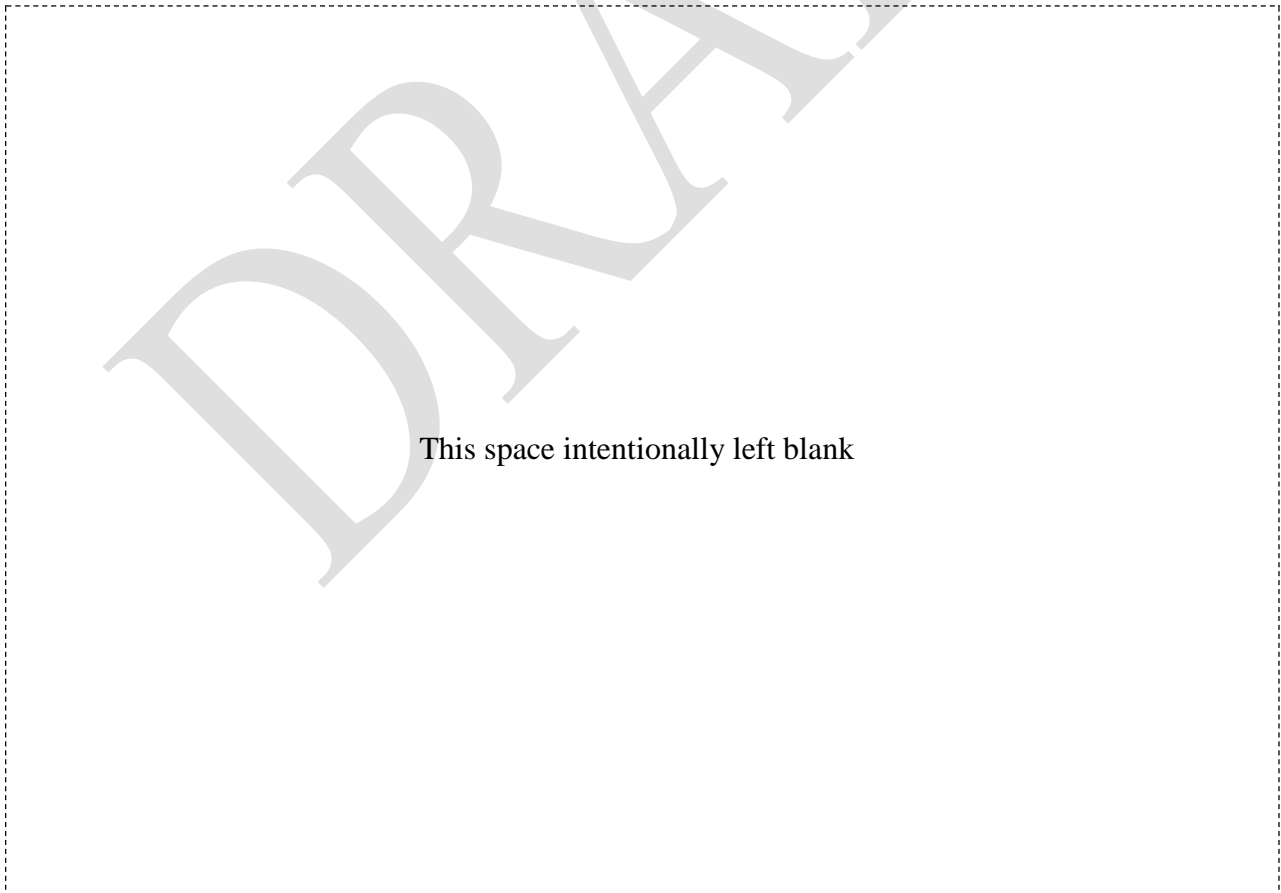
Where these Georgia State Supplements and Amendments conflict with either the *IECC* or *ANSI/ASHRAE/IES Standard 90.1*, these Georgia State Supplements and Amendments shall take precedence.

Air infiltration accounts for substantial heat loss, heat gain and moisture migration in a building. Proper sealing around all doors, windows and other envelope penetrations through the walls, ceiling and foundation is as important to code compliance as are proper insulation R-values and component U-factors.

It is not the intention of this code to abridge safety or health. Where the *IECC* and these Georgia State Supplements and Amendments conflict with other mandatory *State Minimum Standard Codes*, the *IECC* and these Georgia State Supplements and Amendments shall be enforced as written, provided that safety, health or environmental requirements of other mandatory *State Minimum Standard Codes* are not abridged.

APPENDICES:

Appendices are not enforceable unless they are specifically referenced in the body of the code or adopted by the Department of Community Affairs or the authority having jurisdiction.



RESIDENTIAL PROVISIONS

* Add a new section “Important Note” beneath the “Residential Provisions” heading in the Georgia State Supplements and Amendments to the International Energy Conservation Code (2015 Edition) as follows:

IMPORTANT NOTE:

Where required by Georgia State Minimum Standard Energy Code, R6 Flexible Duct combined with an approved continuous Radiant Barrier as part of the roof assembly may be substituted for the required R8 Flexible Duct.

The use of this substitution will be valid until June 30, 2023 at the discretion of the authority having jurisdiction. (Effective September 1, 2022).

End of Amendments.

DRAFT



Georgia State Supplements and Amendments to the International Energy Conservation Code (2015 Edition)

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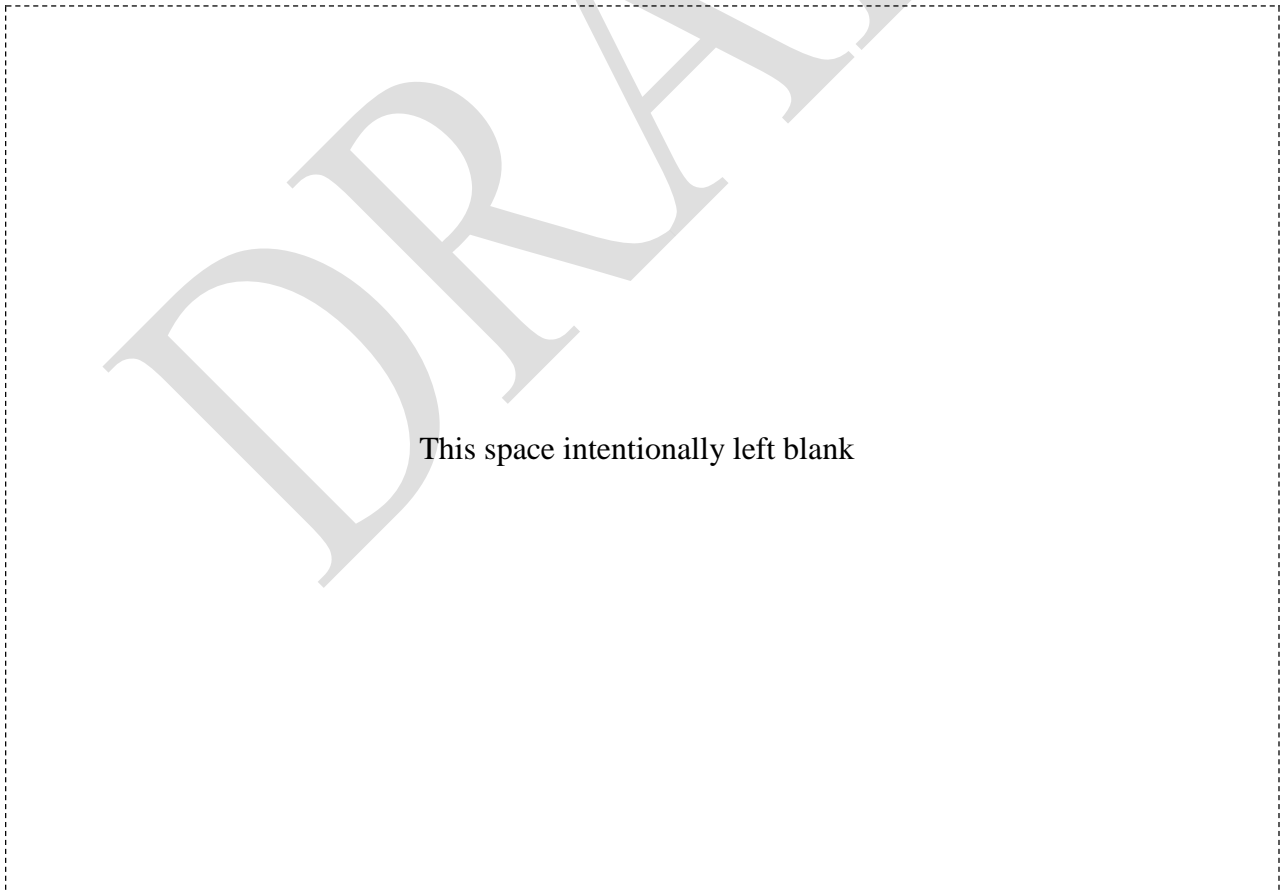
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RESIDENTIAL PROVISIONS

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CHAPTER 4 [RE] RESIDENTIAL ENERGY EFFICIENCY

SECTION R402 BUILDING THERMAL ENVELOPE

* Revise Table 402.1.2 ‘Insulation and Fenestration Requirements by Component^a’ header ‘Floor R-Value’ and add new footnote ‘j’ to read as follows:

TABLE R402.1.2 INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a											
Climate Zone	Fenestration U-Factor ^b	Skylight ^b U-Factor	Glazed Fenestration SHGC ^{b,e}	Ceiling R-Value	Wood Frame Wall R-Value	Attic Kneewall R-Value ⁱ	Mass Wall R-Value	Floor R-Value ^l	Wall R-Value ^c	Slab ^d R-Value & Depth	Crawl Space ^c Wall R-Value
2	0.35	0.65	0.27	38	13	18	4/6	13	0	0	0
3	0.35	0.55	0.27	38	13	18	8/13	19	5/13 ^f	0	5/13
4 except marine	0.35	0.55	0.27	38	13	18	8/13	19	10/13	0	10/13

j: Cantilevered floors over outside air shall be R-30 and the band area above the supporting wall shall be blocked; penetrations of blocking shall be air sealed.
(Effective January 1, 2023)

* Revise Table 402.1.4 ‘Equivalent U-Factors^a’ header ‘Floor U-Value’ and add new footnote ‘d’ to read as follows:

TABLE R402.1.4 EQUIVALENT U-FACTORS^a								
Climate Zone	Fenestration U-Factor	Skylight U-Factor	Ceiling U-Factor	Frame Wall U-Factor	Mass Wall U-Factor ^b	Floor U-Factor ^d	Basement Wall U-Factor	Crawl Space Wall U-Factor
2	0.35	0.65	0.030	0.084	0.165	0.064	0.360	0.477
3	0.35	0.55	0.030	0.084	0.098	0.047	0.091 ^c	0.136
4 except marine	0.35	0.55	0.030	0.084	0.098	0.047	0.059	0.065

d: Cantilevered floors over outside air shall be U-0.035 and the band area above the supporting wall shall be blocked; penetrations of blocking shall be air sealed.
(Effective January 1, 2023)

* Revise Underfloor Insulation in Appendix RA Georgia Insulation Installation – *Passing Grade Details* (p.45) to read as follows:

Underfloor insulation that makes up portions of the building thermal envelope shall be installed to Passing Grade quality.

Two criteria affect installed insulation grading: **voids/ gaps** (in which no insulation is present in a portion of the overall insulated surface) and **compression/incomplete fill** (in which the insulation does not fully fill out or extend to the desired depth). Cantilevered floors over outside air shall be R-30 and the band area above the supporting wall shall be blocked; penetrations of blocking shall be air sealed.
(Effective January 1, 2023)

End of Amendments.



Georgia State Amendments to the International Plumbing Code

(2018 Edition)



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GEORGIA STATE AMENDMENTS

CODE REFERENCE:

- (a) Replace all references to the ICC *Electrical Code* with references to the *Georgia State Minimum Standard Electrical Code (National Electrical Code with Georgia State Amendments)*.
- (b) Replace all references to the *International Energy Conservation Code (IECC)* with references to the *Georgia State Minimum Standard Energy Code (IECC with Georgia State Supplements and Amendments)*. The *Georgia State Minimum Standard Energy Code* shall be used for efficiency and coefficient of performance ratings of equipment.

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**CHAPTER 4
FIXTURES, FAUCETS AND FIXTURE FITTINGS**

* Delete Table 403.1 ‘Minimum Number of Required Plumbing Fixtures’ from the International Plumbing Code 2020 Amendments.
(Effective January 1, 2023)

End of Amendments.