



CITY OF BRISTOL TENNESSEE ADOPTED CODES

The City of Bristol Code Enforcement Division oversees permitting and inspections by use of the following technical codes adopted by the City Council. The adopted codes are part of nationally recognized model building and fire codes published by the International Code Council, Inc.(ICC) and the National Fire Protection Association (NFPA) The model codes are made part of the City of Bristol ordinances through a regulatory process known as incorporation by reference.

ADOPTED CODES

2012 International Building Code

Appendices C, E thru K

2012 International Mechanical Code

Appendix A

2012 International Plumbing Code

Appendices B thru F

2012 International Fuel Gas Code

Appendices A thru D

2012 International Property Maintenance Code

Appendix A

2012 International Existing Buildings Code

Appendices A thru C, Resource A

2012 International Performance Code for Buildings and Facilities

2012 International Fire Code

Appendices B, D thru I

2017 National Electric Code (NFPA70)

- Section 110.24, Available Fault Current shall be optional.
- Arc Fault Circuit Interrupters (AFCIs) shall be optional for bathrooms, laundry areas, garages, unfinished basements, which are portions or areas of the basement not intended as habitable rooms and limited to storage, work or similar area, and for branch circuits dedicated to supplying refrigeration equipment.

2018 International Energy Conservation Code – FOR RESIDENTIAL BUILDINGS ONLY

- Section R402.4.1.2 Testing is deleted and replaced with Section 402.4.2.1 Testing Option and Section 402.4.2.2 Visual Inspection Option from the International Energy Conservation Code, 2009 edition.
- Section R403.3.3 Duct Testing (Mandatory) and Section R403.3.4 Duct Leakage (Prescriptive) are optional.
- Table 402.1.2 Insulation and Fenestration Requirements by Component and Table R402.1.4 Equivalent U-Factors are deleted and replaced with Table 402.1.1 Insulation and Fenestration Requirements by Component and Table 402.1.3 Equivalent U-Factors from the International Energy Conservation Code, 2009 edition.
- The International Energy Conservation Code, 2012 Edition, shall continue to govern commercial buildings, as defined in the International Energy Conservation Code.

2012 International Energy Conservation Code – FOR NON-RESIDENTIAL BUILDINGS ONLY

2018 International Residential Code

Appendices E, H, I, J, K, M, O, P, Q, R, S and F (*only if property owner chooses to mitigate radon*)

- Section R313 Automatic Fire Sprinkler Systems is not mandatory.
- Chapters 34-43 relating to Electrical Installations are deleted and electrical standards adopted by the City in 14-76 (National Electrical Code) shall apply.
- Figure R301.2(2) Seismic Design Categories is deleted and replaced with Figure R301.2(2) Seismic Design Categories Site Class D from the International Residential Code, 2015 edition.
- Section R314.6 Power Source relating to Smoke Alarms is amended to create Exception 3 that shall read: *Exception 3. Interconnection and hardwiring of smoke alarms in existing areas shall not be required where the alterations or repairs do not result in the removal of interior walls or ceiling finishes exposing the structure.*

- Section N1102.4.1.2 (R402.4.1.2) Testing is replaced with Section N1102.4.2.1 Testing Option and Section N1102.4.2.2 Visual Inspection from 2009 IRC.
- Section N1103.3.3 (R403.3.3) Duct Testing (Mandatory) and Section N1103.3.4 (R403.3.4) Duct Leakage (Prescriptive) are optional.
- Table N1102.1.2 (R402.1.2) Insulation and Fenestration Requirement by Component and Table N1102.1.4 (R402.1.4) Equivalent U-Factors from 2018 IRC are replaced with Table N1102.1 Insulation and Fenestration Requirements by Component and Table N1102.1.2 Equivalent U-Factor from 2009 IRC.
- Section N1102.4.4 (R402.4.4) Rooms Containing Fuel-Burning Appliances is deleted in its entirety.
- Table N1102.1 Insulation and Fenestration Requirements by Component in the 2009 edition is adopted and amended by adding the following as footnote “l”: “Log walls complying with ICC400 and with a minimum average wall thickness of 5” or greater shall be permitted in Zone 3 when a Fenestration U-Factor of .50 or lower is used, a Skylight U-Factor of .65 or lower is used, a Glazed Fenestration SHGC of .30 or lower is used, a 90 AFUE Furnace is used, an 85 AFUE Boiler is used, and a 9.0 HSPF Heat Pump (heating) and 15 SEER (cooling) are used.”
- Table N1102.1 Insulation and Fenestration Requirements by Component in the 2009 edition is adopted and amended by adding the following as footnote “m”: “Log walls complying with ICC400 and with a minimum average wall thickness of 5” or greater shall be permitted in Zone 4 when a Fenestration U-Factor of .35 or lower is used, a Skylight U-Factor of .60 or lower is used, a 90 AFUE Furnace is used, an 85 AFUE Boiler is used, and a 9.0 HSPF Heat Pump (heating) and 15 SEER (cooling) are used.”

DESIGN CRITERIA TABLE R301.2(1)

Ground Snow Load – 15 psf	Wind Speed – 90 mph
Seismic Design Category - B	Weathering - Severe
Frost Line Depth – 12 inches	Termite – Moderate to Heavy
Winter Design Temperature – 14 degrees	Ice Barrier Underlayment Required - No
Flood Hazards - *Note 1	Air Freezing Index - > 0 - 1000
Mean Annual Temperature – 55 degrees	

**Note 1: Entered NFIP – 1974 Current FIRM adopted September 29, 2006 FIRM Panel 47163C0108D*

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