

**ORDINANCE NO. 1105**

**AN ORDINANCE TO AMEND THE ATHENS MUNICIPAL CODE, TITLE 7 ENTITLED "FIRE PROTECTION AND FIREWORKS" AND TITLE 12 ENTITLED "BUILDING, UTILITY, ETC. CODE" TO ADOPT THE 2018 EDITION OF THE INTERNATIONAL RESIDENTIAL, BUILDING, PLUMBING, MECHANICAL, FUEL GAS, FIRE, AND ENERGY CONSERVATION CODES; AND THE 2017 EDITION OF THE NATIONAL ELECTRICAL CODE.**

**BE IT ORDAINED BY THE CITY OF ATHENS, TENNESSEE, THAT THE ATHENS MUNICIPAL CODE, BE AMENDED AS FOLLOWS:**

**SECTION 1:** That Chapter 2 of Title 7, Section 7-201 entitled "Fire Code Adopted," be amended to replace the words and figures "International Fire Code, 2015 Edition" with "International Fire Code, 2018 Edition".

**SECTION 2:** That Chapter 1 of Title 12, Section 12-101 entitled "Building Code Adopted," be amended to replace the words and figures "International Building Code, 2015 Edition" with "International Building Code, 2018 Edition," except for Chapter 11 Accessibility; and Chapter 34, Section 3411 Accessibility for Existing Buildings.

**SECTION 3.** That Chapter 2 of Title 12, Section 12-201 entitled "Plumbing Code Adopted," be amended to replace the words and figures "International Plumbing Code, 2015 edition" with "International Plumbing Code, 2018 edition".

**SECTION 4.** That Chapter 3 of Title 12, Section 12-301 entitled "Electrical Code Adopted," be amended to replace the words and figures "National Electrical Code 2014 edition" with "National Electrical Code, 2017 edition".

**SECTION 5.** That Chapter 4 of Title 12, Section 12-402 entitled "purpose and scope," be amended to replace the words and figures "International Fuel Gas Code, 2015 edition" with "International Fuel Gas Code, 2018 edition".

**SECTION 6.** That Chapter 7 of Title 12, Section 12-701 entitled "Mechanical Code Adopted," be amended to replace the words and figures "International Mechanical Code, 2015 edition" with "International Mechanical Code, 2018 edition".

**SECTION 7.** That Chapter 8 of Title 12, Section 12-801 entitled "Energy Conservation Code" be amended to replace the words and figures "International Energy Conservation Code, 2009 edition" with "International Energy Conservation Code, edition 2012," except for:

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 2009 IECC.

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-Factor are deleted and replaced with Table 402.1.1 Insulation and Fenestration Requirements by Component and Table 402.1.3 Equivalent U-Factors 2009 IECC.

For Commercial Buildings: the "International Energy Conservation Code, 2012 edition published by the ICC, except that the provisions of the "International Energy Conservation Code, 2006 edition", shall apply to the following occupancy classifications: Moderate-hazard factory industrial, Group F-1; low-hazard factory industrial, Group F-2 Moderate hazard storage, Group S-1; and low-hazard storage, Group S-2.

**SECTION 8.** That Chapter 10 of Title 12, Section 12-1001 entitled "Residential Code Adopted," be amended to replace words and figures "International Residential Code, 2015 edition" with "International Residential Code, 2018 edition," except for:

Section R313 Automatic Fire Sprinkler Systems is not mandatory, pursuant to T.C.A § 68-120-101 (a) (8).

Chapters 34-43 relating to Electrical Installations are deleted and the National Electrical Code 2017 Edition 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 2015 IRC.

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-Factor 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 "I": "Log Walls complying with ICC400 and with a minimum average wall thickness of 5" or greater shall be permitted in Zone 3 when the 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.

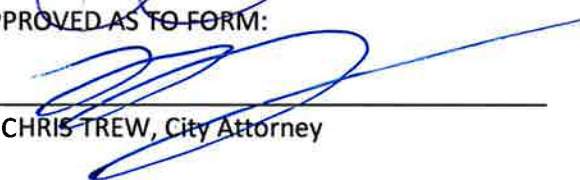
**SECTION 9:** Any Ordinance, Resolution, Motion or parts thereof in conflict herewith are hereby repealed and superseded. If any sentence, clause, phrase or paragraph of this Ordinance is declared to be unconstitutional by any Court of competent jurisdiction, such holding will not affect any other portion of this Ordinance.

**SECTION 3: BE IT FURTHER ORDAINED,** that this Ordinance shall take effect upon final passage as provided by law.

**PASSED ON FIRST READING:** November 16, 2021

**PASSED ON SECOND READING:** December 21, 2021

  
C. SETH SUMNER, City Manager

APPROVED AS TO FORM:  
  
H. CHRIS TREW, City Attorney

  
WILLIAM BO PERKINSON, Mayor