

## TITLE 12

BUILDING, UTILITY, ETC. CODES

## CHAPTER

1. CODES ADOPTED.

2-10. DELETED.

## CHAPTER 1

CODES ADOPTED<sup>1</sup>

## SECTION

12-101. Codes adopted.

12-102. Property code review.

12-103. Prohibition and interference.

12-104. Codes available.

**12-101. Codes adopted.** The board of mayor and commissioners of the City of Piperton, Tennessee, for the purposes of regulating the construction, alterations, repair, use, occupancy, location, maintenance, removal, and demolition of every building or structure or any appurtenance connected or attached to the building or structure, hereby adopts the 2018 International Building Code, 2018 Mechanical Code, 2018 International Plumbing Code, 2018 International Fuel Gas Code, 2018 International Energy Conservation Code, 2018 International Existing Building Code, 2018 ICC Performance Code for Buildings and Facilities, 2018 International Property Maintenance Code, 2018 International Green Construction Code, 2018 International Swimming Pool and Spa Code, 2018 International Private Sewage Disposal Code, 2018 International Zoning Code, and 2018 International Fire Code and with Fire Appendices B, D, E, F, G, H, I, J, and N, and the 2018 International Residential Code, together with the amendments set out below.

## IRC AMENDMENTS

Amend Section M1305.1.2 of the 2018 International Residential Code by adding a new section as follows:

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<sup>1</sup>Municipal code references

Fire protection, fireworks, and explosives: title 7.

Planning and zoning: title 14.

Streets and other public ways and places: title 16.

Utilities and services: title 18.

1305.1.2.2 Access. Access to mechanical equipment located in the attic of one- and two-family dwelling units shall be provided by permanent stairs or pull-down stairs if access is provided from the floor below.

Amend Section N1102.4.1.2 of the 2018 International Residential Code to read:

N1102.4.1.2 (R402.4.1.2) Testing. When required by the Building Official, the building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding five air changes per hour in Climate Zones 1 and 2, and three air changes per hour in Climate Zones 3 through 8. Testing shall be conducted in accordance with RESNET/ICC 380, ASTM E779 or ASTM E1827 and reported at a pressure of 0.2-inch w.g. (50 Pascals). Where required by the building official, testing shall be conducted by an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the building official. Testing shall be performed at any time after creation of all penetrations of the building thermal envelope.

During testing:

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures.
2. Dampers including exhaust, intake, makeup air, backdraft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures.
3. Interior doors, where installed at the time of the test, shall be open.
4. Exterior or interior terminations for continuous ventilation systems shall be sealed.
5. Heating and cooling systems, where installed at the time of the test, shall be turned off.
6. Supply and return registers, where installed at the time of the test, shall be fully open.

## IRC AMENDMENTS

Amend Table R301.2(1) of the 2018 International Residential Code to read as follows:

TABLE R301.2(1)  
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD <sup>a</sup>	WIND DESIGN				SEISMIC DESIGN CATEGORY <sup>f</sup>	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP <sup>g</sup>	ICE BARRIER UNDERLAYMENT REQUIRED <sup>h</sup>	FLOOD HAZARDS <sup>i</sup>	AIR FREEZING INDEX <sup>j</sup>	MEAN ANNUAL TEMP <sup>k</sup>
	Speed <sup>d</sup> (mph)	Topographic Effects <sup>e</sup>	Special Wind Region <sup>l</sup>	Wind- borne Debris Zone <sup>m</sup>		Weathering <sup>n</sup>	Frost Line Depth <sup>o</sup>	Termite <sup>p</sup>					
10 lb/ft <sup>2</sup>	89 VASD	NO	NO	NO	D <sub>s</sub>	MODERATE	5 INCHES	MODERATE TO HEAVY	18	NO	Feb 6, 2013	15B	61.8

All existing footnotes shall remain unchanged.

Amend Sections R301.2.2.1 "Determination of seismic design category" so that when amended it shall read as follows:

Building shall be assigned a seismic design category using one of the following methods:

- a. Table R301.2(1).
- b. by a registered design professional in accordance with Sections 1613.2.1 through 1613.2.5.1 of the International Building Code.
- c. By a registered design professional in accordance with Chapters 20 and 21 of the ASCE 7 Standard.

Where more than one method is used to determine the seismic design category, the lowest seismic design category shall be used as the basis for design.

Amend Section R301.2.2.1.1 "Alternate determination of seismic design category" so that when amended it reads as follows:

The seismic design categories and corresponding short-period design spectral response accelerations, SDS, shown in Figure R301-2(2) are based on soil Site Class D, used as an assumed default, as defined in Section 1613.2.2 of the International Building Code. If soil conditions are determined by the geotechnical data to be Site Class A, B, or D, the seismic design category and short-period design spectral response accelerations, SDS, for a site shall be allowed to be determined in accordance with Figure R301.2(3), or Section 1613.2 of the International Building Code. The value of SDS determined in accordance with Section 1613.2 of the International Building Code is permitted to be used to set the seismic design category in accordance with Table R301.2.2.1.1, and to interpolate between values in Tables R602.10.3(3), R603.9.2(1) and other seismic design requirements of this code. (Ord. #1-93, April 1993, as replaced by Ord. #159-09, Feb. 2009, amended by Ord. #180-10, June 2010, and Ord. #188-10, Jan. 2011, replaced by Ord. #237-14, June 2014 and Ord. #310-19, Sept. 2019 *Ch6\_04-20-21*, and amended by Ord. #327-20, Sept. 2020 *Ch6\_04-20-21*)

**12-102. Priority code review.** In the event of incompatible or conflicting regulations between any of the codes adopted by this chapter and other city codes and/or ordinances, the more stringent and restrictive requirements shall prevail. (Ord. #1-93, April 1993, as replaced by Ord. #159-09, Feb. 2009, Ord. #237-14, June 2014, Ord. #310-19, Sept. 2019 *Ch6\_04-20-21*, and Ord. #327-20, Sept. 2020 *Ch6\_04-20-21*)

**12-103. Prohibition and interference.** Any person interfering with the building official or such official's assistants in the performance of their duties shall be guilty of a misdemeanor. (as added by Ord. #159-09, Feb. 2009, and replaced by Ord. #237-14, June 2014, Ord. #310-19, Sept. 2019 *Ch6\_04-20-21*, and Ord. #327-20, Sept. 2020 *Ch6\_04-20-21*)

**12-104. Codes available.** The codes adopted by this chapter shall be available for use and inspection by the public at Piperton City Hall during regular business hours. (as added by Ord. #159-09, Feb. 2009, and replaced by Ord. #237-14, June 2014, Ord. #310-19, Sept. 2019 *Ch6\_04-20-21*, and Ord. #327-20, Sept. 2020 *Ch6\_04-20-21*)

**CHAPTER 2**

(as deleted by Ord. #159-09, Feb. 2009)

**CHAPTER 3**

(as deleted by Ord. #159-9, Feb. 2009)

**CHAPTER 4**

(as deleted by Ord. #159-09, Feb. 2009)

**CHAPTER 5**

(as deleted by Ord. #159-09, Feb. 2009)



**CHAPTER 6**

(as deleted by Ord. #159-09, Feb. 2009)

**CHAPTER 7**

(as deleted by Ord. #159-09, Feb. 2009)

**CHAPTER 8**

(as deleted by Ord. #159-09, Feb. 2009)

**CHAPTER 9**

(as deleted by Ord. #159-09, Feb. 2009)

**CHAPTER 10**

(as deleted by Ord. #159-09, Feb. 2009)