

**ALABAMA DEPARTMENT OF ECONOMIC AND COMMUNITY AFFAIRS  
ALABAMA ENERGY AND RESIDENTIAL CODES BOARD  
ADMINISTRATIVE CODE**

**CHAPTER 305-2-4  
ORGANIZATION AND AUTHORITY**

**305-2-4-.09      Residential Building Codes.**

The 2015 International Residential Code (IRC) as modified below.

**(1) IRC CHAPTER 3 BUILDING PLANNING.**

**(a) SECTION R302 FIRE-RESISTANT CONSTRUCTION.**

**1. R302.5.1 OPENING PROTECTION.** Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35mm) in thickness, solid or honeycomb core steel doors not less than 1 3/8 inches (35mm) thick, or 20 minute fire-rated doors.

**(b) SECTION R313 AUTOMATIC FIRE SPRINKLER SYSTEMS.**

**1. R313.1 Townhouse automatic fire sprinkler systems.** Where installed, automatic residential fire sprinkler systems shall be installed in accordance with Section P2904 or NFPA 13D.

**2. R313.2 ONE AND TWO FAMILY DWELLINGS AUTOMATIC FIRE SYSTEMS.** Where voluntarily installed, installations shall comply with this section.

**(c) SECTION R322 FLOOD-RESISTANT CONSTRUCTION.**

**1. R322.3.5.1 PROTECTION OF BUILDING ENVELOPE.**  
Section deleted.

**(d) SECTION 324 SOLAR PHOTOVOLTAIC ROOF SYSTEMS.**

**1. R324.7.2.2 HIP ROOF LAYOUTS.** Panels and modules installed on dwellings with hip roof layouts shall be located in a manner that provides a clear access pathway not less than 3 feet (914 mm) in width from the eave to the ridge on each roof slope where panels and modules are located. The access pathway shall be located at a structurally strong location on the building capable of supporting the live load of

fire fighters accessing the roof designed in accordance with Chapter 3.

(2) **IRC CHAPTER 11 ENERGY EFFICIENCY.**

(a) This chapter shall be deleted and replaced with Chapter 4 of the Residential Provisions of the 2015 International Energy Conservation Code, with the amendments adopted by the Alabama Energy and Residential Codes Board in §305-2-4-.10(4) of the Alabama Administrative Code.

(3) **IRC CHAPTER 24 FUEL GAS.**

(a) **SECTION G24122 (401) GENERAL.**

1. **G2412.9 (401.9) Identification.** Each length of pipe and tubing utilized in a fuel gas system shall bear the identification of the manufacturer. If not provided on the packaging or crating or by other approved documentation, each pipe fitting, utilized in a piping system shall bear the identification of the manufacturer.

(4) **IRC CHAPTER 34 ELECTRICAL GENERAL REQUIREMENTS.**

(a) **SECTION E3401 GENERAL.**

1. **R3401.1 Applicability.** The provisions of Chapters 34 through 43 shall establish the general scope of the electrical system and equipment requirements of this code. Chapters 34 through 43 cover those wiring methods and materials most commonly encountered in the construction of one- and two-family dwellings and structures regulated by this code. Other wiring methods, materials, and subject matter covered in NFPA 70-2008 or in compliance with the 2008 National Electric Code, or subsequent editions of such codes shall be allowed by this code and deemed equivalent with the code adopted by this board.

(5) **EFFECTIVE DATE.** For purposes of enforcement, this code shall become effective on October 1, 2016.

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**Statutory Authority:** Code of Ala. 1975, §§41-23-80 thru 40-23-85, as amended.

**History: New Rule:** Filed April 5, 2012; effective May 10, 2012.

**Amended:** Filed February 12, 2014; effective March 19, 2014.

**Repealed and New Rule:** Filed August 22, 2016; effective October 6, 2016. **Amended:** Filed April 20, 2017; effective June 4, 2017.