

Appendix A - International Residential Code Amendments

(Revised Ord. No. 2016-52)

The International Residential Code shall be amended as follows:

Table R301.2(1) **Climatic and Geographic Design Criteria.** This section shall be amended by adding the following:

Ground Snow Load - 25

Wind Design

Speed^d (mph) – 90

Topographic effects^k - No

Seismic Design Category^f – B

Subject to Damage from Weathering^a – Yes severe

Subject to Damage from Frost line depth^b – 42 inches

Subject to Damage from Termite^c – Moderate - heavy

Winter Design Temp^e – Negative 4 (Revised Ord. No. 2017-17)

Ice Barrier Underlayment Required^h – Yes

Flood Hazards^g – July 2005

Air Freezing Indexⁱ – 2000

Mean Annual Temp^j – 56°

Section R302.5.1 **Opening Protection.** Is amended as follows: Opening from a private garage directly into a room used for sleeping purposes are not permitted. Openings between the garage and the residence shall be equipped with a minimum one (1) hour fire-rated door and self-closing device.

Section R302.6 **Separation Required.** This section shall be amended to read as follows:

The garage shall be separated from the residence and its attic area by not less than 5/8 inch gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8 inch Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the separation shall also be protected by not less than 5/8 inch gypsum board or equivalent.

A minimum of a 4 inch concrete curb above the garage floor and around all below grade openings to the residence is required. An attached garage shall mean a garage of which 80% is abutting the residence. Construction of the attached garage shall meet residential requirements. All areas of garage shall be protected by 5/8" gypsum board and fire taped.

Section 302.13 **Fire protection of floors.** This section shall be deleted in its entirety.

- Section R305.1 **Minimum Height.** Is amended as follows:
- Minimum Height. *Habitable space*, hallways, bathrooms, toilet rooms, laundry rooms shall have a ceiling height of not less than 8 feet.
- Section R305.1.1 Basements shall be deleted in its entirety
- Section, R311.1 **Emergency Escape and Rescue Required.** This section shall be amended to read as follows:
- A service door shall be provided in all attached and detached garages. Such door must exit directly to the outside.
- Section R312.1 **Guards Required.** “30 inches” shall be changed to “18 inches”.
- Section R313.2 **One- and two- family dwellings automatic fire systems.** This section shall be deleted in its entirety.
- Section R402.1 **Wood Foundations.** This section shall be amended to read as follows:
- Wood foundations and wood foundation walls are not allowed.
- Any wood framed extension above grade of a foundation wall will be considered a wood foundation.
- Section R403.1.1 **Minimum Size.** This section shall be amended by adding the following:
- All footings shall be cast in place concrete. All footings shall be a minimum of 10 inches wider than the wall they support. All footings shall be a minimum of 10 inches thick. All footings shall be installed below the frost line and a minimum of 42 inches below grade. Detached accessory buildings may be constructed on a thickened slab, the minimum thickness at the slab edge shall be at least 18 inches.
- Section R408.5 **Removal of Debris.** This section shall be amended by adding the following:
- Such material shall be replaced with granular fill or pea gravel with a vapor barrier. A minimum clearance of 24 inches under floors or girders is required.

- Section R503.2 **Wood Structural Panel Sheathing.** This section shall be amended to read as follows:
- The minimum thickness for floor sheathing is 3/4 inch.
- Section R503.3 **Particleboard.** This section shall be deleted in its entirety.
- Section, R504 **Pressure Preservative Treated-Wood Floors (on ground).** This section shall be amended to read as follows:
- Treated wood floors are not allowed unless otherwise approved by the Building Inspector for accessory buildings.
- Section R506.1 **General.** This section shall be amended to read as follows:
- The minimum thickness of interior slabs is 4 inches, the minimum thickness of garage slabs is 4 inches., the minimum wire gauge of welded wire fabric 6 x 6 – or fiber mesh added in the concrete
- Section 507.8 **Deck Posts.** This section shall be amended to read as follows:
- Deck post shall be a minimum of 6X6 with a maximum height of 14 feet
- Section 602.2 **Grade.** This section shall be amended to read by adding the following and the paragraph labeled “Exception” is omitted:
- Utility grade lumber is not allowed.
- Table R602.3(3) **Allowable Stud Spacing for Wood Structural Panel Wall Sheathing.** This section shall be amended to state:
- Minimum 7/16 inch, OSB wall sheathing.
- Section R602.5 **Interior Nonbearing Walls.** This section shall be amended to read as follows:
- Interior non-bearing partitions shall be constructed, framed, and fire stopped as specified for exterior walls with 2 x 4 studs at least 16 inches on center. Interior non-bearing partitions should have double top plates.

- Section R702.3 **Gypsum Board.** This section shall be amended by adding the following:
- A minimum ½ inch gypsum wall and/or ceiling board shall be required on all framing up to and including 16 inch center; minimum 5/8 inch gypsum wall and/or ceiling board shall be required on all framing over 16 inch center.
- Section R703.1 **General.** This section shall be amended by adding the following:
- Particleboard shall not be used for roof sheathing or sub-flooring.
- Section M1408 **Vented Floor Furnaces.** This section shall be deleted in its entirety
- Section M1409 **Vented Wall Furnaces.** Vented Wall Furnaces need to be approved by the Building Inspector.
- Chapter 26 **General Plumbing Requirements.** This section shall be amended by adding the following:
- LPG tanks are not permitted except for portable equipment, appliances and vehicles.