

University of Arizona

AMENDMENTS TO THE INTERNATIONAL RESIDENTIAL CODE 2012 EDITION

The following provisions of the International Residential Code, 2012 Edition, as published by the International Code Council, Inc. are hereby revised as follows:

Chapter 1 Administration

Section R101.1 Title. Revise as follows:

Insert: [NAME OF JURISDICTION] as, "*University of Arizona.*"

Add the following section:

"Section R102.8 Fire flow and fire access.

New construction under this code shall conform to the *International Fire Code* Sections 102.5 Application of Residential Code, 503 Fire Apparatus Access Roads, 507.3 Fire Flow, 3310 Access for Fire Fighting, 3312 Water Supply for Fire Fighting, Appendix B Fire-Flow Requirements for Buildings and Appendix D Fire Apparatus Access Roads."

Section R105.2 Work exempt from permit. Revise as follows:

Building:

2. Add to the end of this sentence:

"and masonry or concrete walls not over 6'-0" (1682 mm) high, which do not retain earth."

Section R110.3 Certificate issued. Revise as follows:

At the end of this section add the sentence:

"The building final inspection approval shall be the Certificate of Occupancy for detached single family residences."

Chapter 3 Site Conditions

Table R301.2(1) Climatic and Geographic Design Criteria. Revise as follows:

Ground Snow Load	"0 psf"
Wind Speed	"90 mph"
Seismic Design Category	"B"
Weathering	"Negligible"
Frost Line Depth	"0 inches"
Termite	"Moderate to Heavy"
Decay	"None to Slight"
Winter Design Temperature	"32° F"

Section R315.1 Carbon Monoxide Detectors. Revise as follows:

Add "with a communicating opening" at the end of the paragraph.

Section R315.3 Where required in existing dwellings. Revise as follows:

Delete section (in its entirety) and replace with:

“Where work requiring a permit occurs in existing dwellings, carbon monoxide alarms shall be provided in accordance with Section R315.1 for the following:

1. Mechanical or gas work requiring a permit in which fuel-fired appliances are being replaced or installed.
2. Addition and/or renovation of attached garages with communicating openings requiring building permit.”

Section R322.1.7 Protection of water supply and sanitary sewage systems. Revise as follows:

Delete, “and Chapter 3 of the *International Private Sewage Disposal Code*” (in its entirety).

Chapter 6 Wall Construction

Section R602.10.11 Cripple Wall Bracing. Revise as follows:

Delete the last sentence of the paragraph “The distance between adjacent edges of braced wall panels shall be reduced from 20 feet (6096 mm) to 14 feet (4267 mm).”

Chapter 11 Energy Conservation

Delete Chapter 11 (in its entirety).

Chapter 14 Heating and Cooling Equipment

Add the following section:

“Section M1413.2 Water conservation.

Evaporative cooling systems shall be provided with a recirculating water system. Any bleed off rate used by the system shall be limited to that recommended by the manufacturer. Once-through evaporative cooling systems using potable water shall not be permitted.”

Chapter 24 Fuel Gas

Section G2415.12.1 (404.12.1) Individual outside appliances. Revise as follows:

Delete this section (in its entirety).

Chapter 26 General Plumbing Requirements

Section P2603.5.1 Sewer depth. Revise as follows:

Insert: [NUMBER] as “12,” in both locations.

Chapter 28 Water Heaters

Section P2801.5.1 Pan size and drain. Revise as follows:

Add the following at the end of the second sentence:

“A drain shall not be required for replacement water heaters in locations where no previously installed drain is available.”

Section P2803.6.1 Requirements for discharge pipe. Revise as follows:
2. Delete (in its entirety).

Chapter 29 Water Supply and Distribution

Section P2902.5.4 Connection to automatic fire sprinkler systems. Revise as follows:
Delete section (in its entirety) and replace with the following:

“The potable water supply to automatic fire sprinkler and standpipe systems shall be protected against backflow in accordance with ARS § 41-2168”

Chapter 30 Sanitary Drainage

Section P3003.2 Prohibited joints. Revise as follows:

Delete the period at the end of item 5 and add:

“, unless the solvent-cement is listed for the purpose.”

Section P3008.1 Sewage backflow. Revise as follows:

Delete section (in its entirety) and replace with:

“Where the finish floor elevation is less than 12 inches above the elevation of the next upstream manhole cover in the sewer, a backwater valve shall be installed in the building drain or branch of the building drain serving that floor. Floors discharging from above that reference point shall not discharge through the same back water valve.”

Chapter 32 Traps

Section P3201.2 Trap seals and trap seal protection. Revise as follows:

Delete the second sentence and replace with:

“Where a trap seal is subject to loss by evaporation, a trap seal primer valve or a trap seal protection device shall be installed.”

Chapter 37 Wiring Methods

Section 3703.1: Branch circuits for heating. Revise as follows:

Add a sentence to the end of the paragraph to read:

“Evaporative cooler fan and pump motors shall be permitted to be connected to the same branch circuit as central heating.”

Add the following section:

“Section E3703.7 Dishwasher and Garbage Disposer Branch Circuits – Dwelling Units.

In residential occupancies, dishwasher and garbage disposer may be on the same 20-ampere branch circuit.”

APPENDIX H: PATIO COVERS