

ORDINANCE NO. _____

AN ORDINANCE OF THE MAYOR AND COUNCIL OF THE CITY OF PRESCOTT, YAVAPAI COUNTY, ARIZONA, AMENDING TITLE III, CHAPTER 8 OF THE PRESCOTT CITY CODE ENTITLED "INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO- FAMILY DWELLINGS", BY ADOPTING THE 2006 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO- FAMILY DWELLINGS AND PROVIDING FOR A DELAYED EFFECTIVE DATE.

WHEREAS, the implementation of the 2012 International Residential Code for One- and Two- Family Dwellings provides a degree of safety to the general public and includes improvements over the 2006 International Residential code for One- and Two- family dwellings.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF PRESCOTT AS FOLLOWS:

SECTION 1. THAT Section 3-8-1 of the City Code of the City of Prescott entitled "Building Regulations; International Residential Code for One- and Two- Family Dwellings; Adoption of the International Residential Code for One- and Two- Family Dwellings" is hereby amended to read as follows:

"3-8-1: ADOPTION OF THE INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO- FAMILY DWELLINGS: That certain Code entitled "2012 International Residential Code for One- and Two- Family Dwellings", as adopted by the International Code Council, Inc., including Appendices "A", "B", "C", "G", "H", "J", "N", "O" and "Q", together with all referenced standards therein, as all of the same may be amended from time to time, is hereby adopted and made part of the chapter, the same as though said Code with named appendices and referenced standards were specifically set forth in full herein."

SECTION 2. THAT Section 3-8-2 of the City Code of the City of Prescott entitled "Building regulation; International Residential Code for One- and Two- Family Dwellings; Amendments" is hereby amended to read as follows:

"3-8-2: AMENDMENTS: That the foregoing International Residential Code for One- and Two- Family Dwellings shall be amended as follows:

(A) Section R101.1 entitled "Administration; Title, Scope and Purpose; Title" is hereby amended to read as follows:

"**R101.1 Title.** These provisions shall be known as the International Residential Code for One- and Two- Family Dwellings of the City of Prescott, and shall be cited as such and will be referred to herein as 'this code'."

(B) Section 101 through 102 is hereby deleted and replaced with the requirements of the City of Prescott Administrative Building Code as adopted and as may be amended from time to time.

(C) Section R201.4 entitled "Definition; General; Terms not defined" is hereby amended by adding a sentence at the end thereof, to read as follows:

R201.4 Terms not defined. For the purpose of this code, certain terms, phrases, words and their derivatives shall be construed as specified in this section. The definition within the specific adopted technical codes shall be construed to apply to that code. Where terms are not defined through the methods authorized by this section, such terms shall have the ordinarily accepted meaning such as the context implies. Webster's Third New International Dictionary of the English Language, Unabridged, shall be considered as providing ordinarily accepted meaning.

(D) Table R301.2(1) entitled "Building Planning; Climatic and Geographic Design Criteria" is hereby amended to read as follows:

Table 301.2(1) Climatic and Geographic Design Criteria. Roof Snow Load: 30 lbs/ft² (13.6 Kg/92903 mm²); Wind: 90 mph (14484 m/hr) 3 second gust; Seismic Design Category: **B**; Weathering: Negligible; Frost Line Depth: 18 inches (457.2 mm); Termite: Moderate; Decay: Slight; Winter Design Temperature: 20° (-9.4c); Ice Shield Underlayment Requirement: No; Flood Hazards: See Prescott City Code Title XIII; Air Freezing Index: 194; Mean Annual Temp: 53 (11.7c)."

(E) Section R313 entitled "Automatic sprinkler systems " is hereby amended to read as follows:

Must meet the State of Arizona Statutes and the City of Prescott fire Department ammendments.

(F) Section R319 entitled "Building Planning; Site Address" is hereby amended as follows:

R319.1 Address Numbers. Buildings shall have *approved* address numbers, building numbers or *approved* building identification placed in a position that is plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall be a minimum of ~~four~~ **6** inches (101.6 mm) high with a minimum stroke width of 0.5 inch (12.7 mm), Where access is by means of a private road and the building cannot be viewed from the *public way*, a monument, pole or other sign or means, shall be used to identify the structure. Address numbers shall be maintained.

(G) Section R322 entitled “Building Planning; Flood-Resistant Construction” is hereby deleted. See City of Prescott Title X111

(H) Section R403.1.1 entitled “Foundations; footings; Minimum size” is hereby amended to add the following section:

“R403.1.2 Minimum Reinforcing. Continuous spread concrete footings shall be reinforced with at least one #4 (#13) bar placed horizontally a minimum of 3” (76mm) from the bottom of the footing. Monolithic pour interior and exterior concrete footings shall be reinforced with at least one #4 (#13) bar placed horizontally a minimum of 3” (76mm) from the bottom of the footing and one #4 (#13) placed horizontally a minimum of 3” (76mm) from the top of the slab. Pier and column footings shall be reinforced with #4 (#13) bars placed horizontally and spaced no more than 12”(304mm) on center in each direction and located a minimum of 3” (76mm) from the bottom of the footing.

“R403.1.2 Tributary loads. The tributary load pads shall be provided engineering when the point loads exceed 29,800# or the equivalent of a 53” square X 24” deep footing.

(I) Section R404.1.1 entitled “Foundations and Retaining Walls; Design of Masonry foundation walls” is hereby amended as follows:

R404.1.1 Design of masonry foundation walls. Masonry foundation walls shall be design and constructed in accordance with the provisions of this section and the applicability limits of section R611.2 or in accordance with the provisions of TMS 402/ACI 530/ASCE 5 or NCMA TR68-A. When TMS 402/ACI 530/ASCE 5, NCMA TR68-A, the applicability limits of section R611.2 or the provisions of this section are used to design masonry foundation walls, project drawings, typical details and specification are not required to bear the seal of the architect or engineer responsible for design, unless otherwise required by the state law of the jurisdiction having authority.

(J) Table R404.1.1(1) entitled “Foundations; Plain Masonry foundation walls” and all references to said Table are hereby deleted in its entirety and revised to read as follows:

Table R404.1.1(1) Plain Masonry Foundation Walls. Plain masonry foundation walls shall be constructed as set forth in tables R404.1.1(2), (3) and (4) for the most restrictive design soil class and shall also comply with the provisions of this section and the applicable provisions of sections R606, R607 and R608. Bond beam and vertical steel to be tied every 200 bar diameter or 10’.

(K) Table R404.1.1(2), (3) and (4) entitled “Foundations; 8-inch, 10-inch or 12- inch Masonry Foundation Walls” is hereby amended with a new subsection ‘f’ to read as follows:

“Table R404.1.1(2), (3) and (4) 8-inch, 10-inch or 12-inch Masonry Foundation Walls

f. Table R404.1.1(2), (3) and (4) bond beam required as follows: one #4 (#13) bar placed horizontally for stem walls less than 24”, two #4 (#13) or one #5 bar placed horizontally at the top of the wall for walls 24” to 48”. Bond beam and vertical steel to be tied every 200 bar diameter or 10’.”

- (L) Table R404.1.2(2), (3), and (4) Entitled “Minimum vertical reinforcement for 6-inch, 8-inch and 10-inch nominal flat concrete basement walls”, note NR=Not required replaced with NR=see NR note g or d below:

“Table R404.1.2(2), (3) and (4) 8-inch, 10-inch or 12-inch nominal flat Basement Walls”

g. or d. Minimum one #4 (#13) vertical steel every 48”(1219mm) on center, shall be provided. The vertical bar shall extend into the footing with a bent hook having a minimum 4” (101mm) long 90 degree bend. Bond beam and vertical steel to be tied every 200 bar diameter or 10’.”

- (M) Table R404.1.2(6) Entitled “Foundations; 8-inch waffle grid basement walls” note NR=Not required replaced with NR=see NR note d below:

“Table R404.1.2(6) 8-inch waffle grid basement walls

d. Minimum one #4 (#13) vertical steel every 48”(1219mm) on center, shall be provided. The vertical bar shall extend into the footing with a bent hook having a minimum 4” (101mm) long 90 degree bend. Bond beam and vertical steel to be tied every 200 bar diameter or 10’.”

- (N) Table R404.1.2(8) entitled “Foundations; Minimum vertical reinforcement for 6-, 8-, 10-inch and 12-inch nominal flat basement walls” note NR=Not required replaced with NR=see NR note d below:

“Table R404.1.2(8) Minimum vertical reinforcement for 6-, 8-, 10-inch and 12-inch nominal flat basement walls.

d. Minimum one #4 (#13) vertical steel every 48”(1219mm) on center, shall be provided. The vertical bar shall extend into the footing with a bent hook having a minimum 4” (101mm) long 90 degree bend. Bond beam and vertical steel to be tied every 200 bar diameter or 10’.”

- (O) Table R602.3.1 entitled “Wall Construction; Maximum allowable length of wood studs exposed to wind speeds of 100mph or less in Seismic Design categories A, B, C, D₀, D₁ and D₂” and all references to said Table are hereby deleted.

- (P) Table R702.3.5 entitled “Minimum Thickness and Application of Gypsum Board” footnote ‘d’ is hereby amended:

“Table R702.3.5 Minimum thickness and application of gypsum board.

- d. Three-eighths-inch-thick single-ply gypsum board shall not be used on a ceiling where a water-based textured finish is to be applied, or where it will be required to support insulation above a ceiling. On ceiling applications to receive a water-based texture material, either hand or spray applied, the gypsum board shall be applied perpendicular to framing. When applying a water-based texture material, the minimum gypsum board thickness shall be increased from 3/8” to 1/2” for both 16- and 24-inch on center framing. “

- (Q) Section R802.2 entitled “Roof-ceiling Construction; Wood Roof Framing; Design and Construction is hereby amended as follow:

“R802.2 Design and Construction. The framing details required in section R802 apply to roofs having a minimum slope of three units in 12 units horizontal (25-percent slope) or greater. Roof-ceilings shall be designed and constructed in accordance with the provisions of this chapter and figures R606.11(1), R606.11(2) and R606.11(3) or in accordance with AFPA/NDS. Components of roof-ceilings shall be fastened in accordance with table R602.3(1). Low slope roof (roofs with less than 3:12 pitch) will be design out of Table R802.5.1(7) and R802.5.1(8) or provide an engineered design.

- (R) Chapter 11 entitled “Energy Efficiency” to be deleted in it’s entirety to be replaced with the requirements of the “2012 International Energy Conservation Code” as adopted by the City of Prescott and as may be amended from time to time.

- (S) Section M1307.3 entitled “General Mechanical System Requirements; Appliance installation; Elevation of ignition source” is hereby amended by the addition of an exception hereto, to read as follows:

“M1307.3 Elevations of ignition source.

Exception: Elevation of the ignition source is not required for appliances that are listed as flammable vapor ignition resistant and/or Clothes dryers”

- (T) Section M1410.3.1 entitled “Heating and Cooling Equipment and appliances; Heating and Cooling Equipment; Auxiliary and Secondary drain system shall be amended as follows:

“M1410.3.1 Auxiliary and Secondary drain system.

Add 5. Items #3 and #4 above will require a letter from installer verifying that the UL listed switch is in working order.”

- (U) Section M2302 entitled “Solar Energy System; Photovoltaic Solar Energy Systems” shall be deleted in its entirety and amended as follows:

“M2302.1 General. Solar system must meet all APS and NEC requirements. Attachment details to existing structures must be of engineered design, or constructed so that they do not penetrate existing engineered truss systems.”

- (V) Section G2420.3 entitled Fuel Gas; Gas Shutoff Valves; Individual Buildings” is hereby renamed “Building Shutoff” and replaced as follows:

“G2420.3 Building Shutoff. All buildings shall be provided with a shutoff valve located on the downstream side of the gas meter, between the gas meter and the building. Multiple buildings on the same system shall have a separate shut off valve for each building.

- (W) Section P2603.5.1 entitled General Plumbing Requirements; Structural and Piping Protection; Freezing; Sewer Depth” is hereby amended to read as follows:

“P2603.5.1 Sewer Depth. Building sewers that connect to private sewage disposal systems shall be a minimum of 18 inches (457 mm) below finished grade at the point of septic tank connection. Building sewers shall be a minimum of 18 inches (457 mm) below grade.”

- (X) Section P2904 entitled “Dwelling unit Fire Sprinkler Systems ” is hereby deleted in its entirety and amended to read as follows:

“P2904 Dwelling unit fire Sprinkler Systems. Must meet all of the State of Arizona Statutes and the City of Prescott fire Department amendments.

- (Y) Section P2905.4.2 “water Supply and Distribution; Water-supply System; Water service installation” is hereby amended by adding a new second paragraph (before the exception) to read as follows:

“P2905.4.2 Water Service Installation. Non-metallic Service piping shall have a blue insulated copper tracer wire or other approved conductor installed adjacent to it. Access shall be provided to the tracer wire or the tracer shall terminate above ground at each end of the non-metallic piping. The tracer wire shall not be less than 18 AWG and the insulation type shall be suitable for direct burial.”

- (Z) Section P3001 “Sanitary Drainage; General” is hereby amended by adding a new paragraph to read as follows:

“P3001.4 Sewer Drainage Installation. Non-metallic Service piping shall have a green insulated copper tracer wire or other approved conductor attached at intervals not to exceed 24” (609mm). Access shall be provided to the tracer wire or the tracer wire shall terminate above ground at the clean out location(s) for the

structure. The tracer wire shall not be less than 18 AWG and the insulation type shall be suitable for direct burial.”

(AA) Section P3009 entitled “Sanitary Drainage; Grey Water Recycling Systems” is hereby deleted in its entirety.

(BB) Section P3008.1 entitled “Sanitary Drainage; Backwater Valves; Sewage backflow” is hereby amended to read as follows:

“P3008.1 Sewage Backflow. All structures connected to the city sewer system require an approved backwater valve. All structures connected to the City of Prescott sewer system prior to the adoption of this ordinance shall be protected by an approved backwater valve when additions, alterations, or repairs to existing structures, whose value of work is fifteen (15) percent or greater of the value of an existing building of assembly use or twenty-five (25) percent or greater of an existing structure of other occupancies, during a twelve month period.

SECTION 3. SEVERANCE CLAUSE: The provisions of this Ordinance and the Code it incorporates are hereby declared to be severable, and if any section, sentence, clause or phrase of this Ordinance or the Code it incorporates shall, for any reason, be held to be invalid or unconstitutional, such decisions shall not affect the validity of the remaining sections, sentences, clauses and phrases of this Ordinance and the Code it incorporates, but they shall remain in effect, it being the legislative intent that this Ordinance and the Code it incorporates shall stand notwithstanding the invalidity of any part thereof.

SECTION 4. DELAYED EFFECTIVE DATE. This Ordinance is effective from and after August 15, 2007

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the City of Prescott, Arizona, on this _____ day of JULY, _____.

-s-ROWLE P. SIMMONS, Mayor
ATTEST: -s-LIZ BURKE, City Clerk
APPROVED AS TO FORM: -s-GARY KIDD, City Attorney