

RESOLUTION NO. ~~4287-1496~~ \_\_\_\_\_ - \_\_\_\_\_

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF PRESCOTT, YAVAPAI COUNTY, ARIZONA, ADOPTING THAT CERTAIN DOCUMENT ENTITLED "2015 CHANGES TO THE CITY OF PRESCOTT 2012 INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO- FAMILY DWELLINGS AMENDMENTS" AS A PUBLIC RECORD, AND DIRECTING THE CITY CLERK TO RETAIN THREE COPIES THEREOF ON FILE

RECITALS:

WHEREAS, the City of Prescott adopted by reference that certain document entitled the ~~2012~~ 2018 *International Residential Code for One- and Two- Family Dwellings* by the International Code Council, Inc., including Appendices A, B, C, D, F, G, H, J, K, N, P, O and Q, as a public record by Ordinance ~~4930-1468~~; and

WHEREAS, the City of Prescott wishes now to adopt that certain document entitled "~~2015~~ 2018 *Changes to the City of Prescott 2012 International Residential Code for One- and Two- Family Dwellings Amendments*" attached hereto and made a part hereof as Exhibit "A".

ENACTMENTS:

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

Section 1. That certain document entitled "~~2015~~ 2018 *Changes to the City of Prescott 2012 International Residential Code for One- and Two- Family Dwellings Amendments*" is hereby declared to be a public record.

Section 2. That the City Clerk is hereby directed to maintain three (3) copies of the above-referenced public document on file at all times for inspection by the public.

PASSED AND ADOPTED by the Mayor and Council of the City of Prescott this ~~14th day of April, 2015~~ \_\_\_\_\_.

~~KUYKENDALL,~~ Mayor GREG MENGARELLI, MARLIN D.

Formatted: Font color: Text 1, Not Strikethrough

ATTEST:

APPROVED AS TO FORM:

~~DANA R. DeLONG,~~ MAUREEN SCOTT, City Clerk  
City Attorney

JON M. PALADINI,

**EXHIBIT "A"**

**PART 1 ADOPTION**

That Resolution 4245-1454 \_\_\_\_\_ - \_\_\_\_\_ of the City of Prescott is here by repealed and a new International Residential Code for One- and Two- Family Dwellings pertaining to all aspects of construction is adopted to read as follows:

**~~2015 2018~~CHANGES TO THE CITY OF PRESCOTT ~~2012 2018~~ INTERNATIONAL RESIDENTIAL CODE FOR ONE- AND TWO- FAMILY DWELLINGS AMENDMENTS**

There is hereby adopted by reference, that certain document known as the International Residential Code for One- and Two- Family Dwellings, ~~2012 2018~~ edition, as published by the International Code Council. Said document is hereby amended and adopted as the ~~2015 2018 Changes to the 2012-2018~~ International Residential Code for One- and Two- Family Dwellings for the City of Prescott for regulating and governing the conditions and maintenance of all property, buildings and structures; by providing the standards for supplied utilities and facilities and other physical things and conditions essential to ensure that structures are safe, sanitary and fit for occupation and use; and the condemnation of buildings and structures unfit for human occupancy and use and the demolition of such structures as herein provided; providing for the issuance of permits and collection of fees therefore; and each and all regulations, provisions, penalties, conditions, and terms of the various Technical codes and Ordinances. Providing procedures for enforcement thereof; providing the severability of each and all conditions and terms of the ~~"2015 2018 Changes to the City of Prescott 2012-2018 International Residential Code for One- and Two- Family Dwellings"~~ are hereby referred to, adopted, and made as part hereof as set forth herein, excepting such portions as are herein deleted, modified or amended.

**CHAPTER 1 – SCOPE AND ~~ADMINISTRATION~~ APPLICATION**

**SECTION R101 GENERAL**

**SECTION R101.1 Title**, is hereby amended to read as follows:

**R101.1 Title.** These provisions shall be known as the "~~2015 2018 Changes to the City of Prescott 2012-2018~~ International Residential Code for One- and Two- Family Dwellings", hereinafter referred to as 'this code'.

**SECTION R101.2 Scope**, Exception #1 and #2 are revised as follows and Exception 3 is added as follows:

**EXCEPTION #1-** Live/Work units complying with the requirements of section 419 of the *International Building Code* shall be permitted to be built as One- and Two-family Dwellings or townhouses. Automatic Sprinkler and Alarm system as required by Prescott Fire Code and amendments.

**EXCEPTION #2** – Owner-occupied lodging houses with ten or fewer occupants shall be permitted to be constructed in accordance with the *International Residential Code for One- and Two- family Dwellings*. Automatic Sprinkler and Alarm system as required by Prescott Fire Code and amendments.

**EXCEPTION #3** – Congregate living facilities for 12 or fewer persons that are within a building built as a single dwelling unit are permitted to comply with the *International Residential Code for One- and Two- family Dwellings*. Automatic Sprinklers per P2904.

**ADDITIONAL EXCEPTIONS EXISTS IN THE 2018 FOR REVIEW AND CONSIDERATION FOR ADOPTION.**

**SECTION R101.2.1 Residential Group R-3**, Shall be added as follows:

Boarding houses (transient) with 10 or fewer occupants.  
Boarding houses (non-transient) with 10 or fewer occupants.  
Congregate living facilities (transient) with 10 or fewer occupants.  
Congregate living facilities (non-transient) with 12 or fewer occupants.

**SECTION R101.2.1.1 Care facilities within a dwelling**, is hereby added as follows:

**R101.2.1.1 Care facilities within a dwelling.** Care facilities or facilities licensed by Arizona Department of Health Services, for five or fewer persons receiving care that are within a single-family dwelling, are permitted to comply with the International Residential Code. Automatic sprinkler and Alarm systems must be installed pursuant to the City of Prescott Fire Code and Amendments.

**SECTION R101.2.1.2 Congregate living facilities** is hereby added as follows:

**R101.2.1.2 Congregate living facilities.** Congregate living for 12 or fewer persons that are within a building built as a single dwelling unit, are permitted to comply with the International Residential Code. Occupancy will be established as two persons per bedroom, plus one person for every additional 120 sq. ft. after the first 120 sq. ft. per bedroom.

**SECTION R101.2.2 Residential Group R-4**, is hereby amended as follows:

**R101.2.2 Residential Group R-4.** This occupancy shall include buildings, structures or portions thereof for more than six but not more than 10 persons, excluding staff, who reside on a 24-hour basis in a supervised residential environment and receive custodial care. The persons receiving custodial care must be capable of self-preservation. This occupancy shall also include Residential care/assisted living homes, custodial, personal or directed care on a 24-hour basis for six persons or less, who are **incapable** of self-preservation by responding to an emergency situation without physical assistance from staff. This group shall include, but not be limited to, the following:

- Alcohol and drug abuse centers
- Assisted living facilities
- Congregate care facilities
- Convalescent facilities
- Group homes
- Halfway houses
- Residential board and Custodial care facilities
- Social rehabilitation facilities

Group R-4 occupancies shall meet the requirements for construction as defined in group R-3 except as otherwise provided for in this Code.

**SECTION 102 through 114** 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.

**CHAPTER 2 - DEFINITIONS**

**SECTION R201 GENERAL**

**SECTION 201.3 – Terms defined in other codes**, is hereby amended as follows:

**201.4 Terms not defined in other codes.** Where terms are not defined in this code and are defined in the International Conservation Code, International Fire Code, International Fuel Gas Code, International Mechanical Code, International Plumbing Code or The City of Prescott Administration Code, such terms shall have the meanings ascribed to them as in those codes.

**SECTION 201.4 - Terms not defined**, is hereby amended as follows:

**201.4 Terms not defined.** Where terms are not defined through the methods authorized by this Chapter, such terms shall have ordinarily accepted meanings such as the context implies. The Current edition of Webster's New International Dictionary of the English Language, Unabridged, shall be considered as providing ordinarily accepted meanings.

**SECTION 202 – DEFINITIONS**

**OCCUPANT LOAD.** 2012 International Residential Code dwelling unit occupancy is established as two persons per bedroom, plus one person for every additional 120 sq. ft. after the 1<sup>st</sup> 120 sq. ft. per bedroom.

**CHAPTER 3 – BUILDING PLANNING**

**SECTION R301 DESIGN CRITERIA**

**Table R301.2(1) 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/ft<sup>2</sup> (13.6 Kg/92903 mm<sup>2</sup>); 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). Manual J Design Criteria deleted from table, may use current adopted ACCA Manual J Table 1a or 1b, or may use ASHRAE current adopted tables for Prescott Airport

Formatted: Superscript

**Table R301.5 Minimum Uniformly Distributed Live Loads (in pounds per foot)**, is hereby amended to read as follows:

<b>Table R301.5 Minimum Uniformly Distributed Live Loads (in pounds per foot)</b>	
Habitable attics and attics served with fixed stairs	40
Sleeping Rooms	40

**SECTION R313 AUTOMATIC FIRE SPRINKLER SYSTEMS**

**SECTION R313 Automatic Fire Sprinkler Systems** is hereby amended to read as follows:

**SECTION R313 Automatic Fire Sprinkler Systems.** Automatic Fire sprinkler systems must meet the State of Arizona Statutes and the City of Prescott Fire Code and amendments.

**SECTION R319 SITE ADDRESS**

**SECTION R319.1 Address-Numbers ADDRESS IDENTIFICATION** 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 six 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. Or as required by The City of Prescott Fire Department. 2018 ADDED TEXT TO THIS SECTION REGARDING FIRE CODE APPLICATION.

### **SECTION R322 FLOOD RESISTANCE CONSTRUCTION**

**SECTION R322 Flood-Resistant Construction** is hereby deleted. See City of Prescott Title X111

## **CHAPTER 4 – FOUNDATIONS**

### **SECTION R403 - FOOTINGS**

**SECTION R403.1.1 Minimum size** is hereby amended to add the following sections:

**R403.1.1.2 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.

**R403.1.1.3 Tributary loads.** The tributary load pads shall require engineering when the point loads exceed 29,800# or the equivalent of a 53" square X 24" deep footing. All point loads must be shown on the plans

### **SECTION R404 – FOUNDATION AND RETAINING WALLS**

**SECTION R404.1.1 Design of Masonry foundation walls DESIGN REQUIRED** is hereby amended as follows:

**R404.1.1 R404.1.2 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.

**Table R404.1.1(1) 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'.

**Table R404.1.1(2), (3) and (4), 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'.

**Table R404.1.2(2), (3), and (4) Minimum vertical reinforcement for 6-inch, 8-inch and 10-inch nominal flat concrete basement walls**, note NR=Not required replaced with NR=see 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'.

**Table R404.1.2(6) 8-inch waffle grid basement walls** note NR=Not required replaced with NR=see 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'.

**Table R404.1.2(8) Minimum vertical reinforcement for 6-, 8-, 10-inch and 12-inch nominal flat basement walls** note NR=Not required replaced with NR=see 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'."

## CHAPTER 6 – WALL CONSTRUCTION

### SECTION R602 – WOOD WALL FRAMING

**Table R602.3.1 Maximum allowable length of wood studs exposed to wind speeds of 100 mph or less in Seismic Design categories A, B, C, D<sub>0</sub>, D<sub>1</sub> and D<sub>2</sub>** sub-note b snow load only is amended as follows the rest of the note doesn't change:

**Table R602.3.1 Maximum allowable length of wood studs exposed to wind speeds of 100 mph or less in Seismic Design categories A, B, C, D<sub>0</sub>, D<sub>1</sub> and D**

b. Applicability of this table assumes the following: Snow load not exceeding 30 psf,

**Table R602.10.4 Bracing Methods**, Let-in-bracing (LIB) and all references in the code to Let-in-bracing (LIB) are hereby deleted.

## CHAPTER 7 – WALL COVERING

**SECTION R702 – INTERIOR COVERING**

**Table R702.3.5 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.

**CHAPTER 8 – ROOF-CEILING CONSTRUCTION**

**SECTION R802 – WOOD ROOF FRAMING**

**SECTION R802.2 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 R60611(3) or in accordance with ~~AFPA/~~AWC/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.

**CHAPTER 9 ROOF ASSEMBLIES**

**SECTION R905 .3 - CLAY AND CONCRETE TILE**

**SECTION R905.3.1 Deck Requirements** is hereby amended as follows:

**R905.3.1 Deck Requirements** concrete and clay tile shall be installed over solid sheathing.

**SECTION R905 .4 – METAL ROOF SHINGLES**

**SECTION R905.4.1 Deck Requirements** is hereby amended as follows:

**R905.4.1 Deck Requirements** Metal roof shingles shall be installed over solid sheathing.

**SECTION R905 .7 – WOOD SHINGLES**

**SECTION R905.7.1 Deck Requirements** is hereby amended as follows:

**R905.7.1 Deck Requirements** wood shingles shall be installed over solid sheathing.

**SECTION R905.7.4 Material standards** is hereby amended as follows:

Formatted: Indent: Left: 0.38"

Formatted: Font color: Light Blue

Formatted: Underline, Font color: Light Blue

Formatted: Left

Formatted: Font color: Light Blue

Formatted: No underline, Font color: Light Blue

Formatted: Font: Not Bold, No underline, Font color: Light Blue

Formatted: Font color: Light Blue

Formatted: Font: Bold, Font color: Light Blue

Formatted: Left, Indent: Left: 0.5"

Formatted: Font color: Light Blue

Formatted: Left

Formatted: Left, Indent: Left: 0.5"

Formatted: Left, Indent: Left: 0.5"

Formatted: Left

Formatted: Font: Not Bold, Font color: Light Blue

Formatted: Font color: Light Blue

R905.7.4 Material standards Wood shingles shall be factory treated fire-retardant grade 1 minimum.

Formatted: Font: Bold, Font color: Light Blue

Formatted: Left, Indent: Left: 0.5"

Formatted: Font color: Light Blue

Formatted: Left

**SECTION R905 .8 – WOOD SHAKES**

**SECTION R905.8.1 Deck Requirements** is hereby amended as follows:

**R905.8.1 Deck Requirements** wood shake shall be installed over solid sheathing.

**SECTION R905.8.4 Material standards** is hereby amended as follows:

**R905.8.4 Material standards** Wood shakes shall be factory treated fire-retardant grade 1 minimum.

**SECTION R905 .10 – METAL ROOF SHINGLES**

**SECTION R905.10.1 Deck Requirements** is hereby amended as follows:

**R905.10.1 Deck Requirements** Metal roof panels shall be installed over solid sheathing.

Formatted: Left, Indent: Left: 0.5"

Formatted: Font: Not Bold, Font color: Light Blue

**CHAPTER 10 – CHIMNEYS AND FIREPLACES**

**SECTION R1007 – CHIMNEYS, FIREPLACES, BARBECUES, WOOD STOVES, AND OTHER SOLID-FUEL-BURNING APPLIANCES**, has been added as follows:

**SECTION R1007.1 GENERAL** Chimneys, flues, fireplaces, barbecues wood stoves, and other solid-fuel-burning appliances (and their connections) shall conform to the requirements of IBC 2018 SECTION 2115 in its entirety.

**CHAPTER 11 – ENERGY EFFICIENCY**

**CHAPTER 11 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.

**CHAPTER 13 – GENERAL MECHANICAL SYSTEM REQUIREMENTS**

**SECTION M1307 – APPLIANCE INSTALLATION**

**SECTION M1307.3 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

**CHAPTER 14 – HEATING AND COOLING EQUIPMENT AND APPLIANCES**

**SECTION M1411 – HEATING AND COOLING EQUIPMENT**

**SECTION M1411.3.1 Auxiliary and Secondary drain system** shall be amended by adding the following:

**M1411.3.1 Auxiliary and Secondary drain system.**

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

**CHAPTER 15 – EXHAUST SYSTEMS**

**SECTION M1503 – RANGE HOODS**

**Section M1503.1 – General**, is hereby amended to read as follows: **ADDITIONAL TEXT ADDED TO THIS SECTION.**

**Exception:** Last sentence added: Exception may not be used for Congregate living facilities, Boarding houses or R-4 care facilities.

**CHAPTER 23 – SOLAR ENERGY SYSTEMS**

**SECTION M2301 – ~~THERMAL SOLAR~~ SOLAR THERMAL ENERGY SYSTEMS**

**SECTION ~~M2301.2.2~~ M2331.2.2.1 Roof-mounted collectors** is hereby amended as follows:

**M2301.2.2.1. Roof-mounted collectors.** The roof shall be constructed to support the loads imposed by roof-mounted solar collectors. Attachment details to existing structures must be of engineered design, or constructed so that they do not penetrate existing engineered truss systems. Roof-mounted solar collectors that serve as a roof covering shall conform to the requirements for roof coverings, the collectors and supporting structure shall be constructed of noncombustible materials or fire retardant-treated wood equivalent to that required for the roof construction.

**SECTION M2302 – PHOTOVOLTAIC SOLAR ENERGY SYSTEMS**

**SECTION M2302 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 and City of Prescott codes and amendments. Attachment details to existing structures must be of engineered design, or constructed so that they do not penetrate existing engineered truss systems.~~ **HAS BEEN REMOVED FROM 2018**

**CHAPTER 24 – FUEL GAS**

**SECTION G2420 (409) – GAS SHUTOFF VALVES**

**SECTION G2420.3 (409.3.2) Individual Buildings** is hereby renamed "Building Shutoff" and replaced as follows:

**G2420.3 Building Shutoff.** All structures with fuel gas 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. The gas line for shut off must break ground prior to entrance in the building and the shutoff installed as well as the dielectric union to the exterior of the building.

**CHAPTER 25 – PLUMBING ADMINISTRATION**

Formatted: Centered

**SECTION P2503.5 Drain, waste and vent system testing**

Formatted: Left

**SECTION P2503.5.1 Rough plumbing** is hereby amended to read as follows:

Formatted: Font: 11 pt, Bold

**2. Drainage and vent air test** Plastic piping shall be tested by using the lesser psi of 1/3 of the gauge or 10 psi, max gauge size is 60 psi. An air test shall be made by forcing air into the system until there is a uniform gauge pressure of 5 psi (34.5 kPa) or sufficient to balance a 10-inch (254 mm) column of mercury. This pressure shall be held for a test period of not less than 15 minutes. Any adjustments to the test pressure required because of changes in ambient temperatures of seating of gaskets shall be made prior to the beginning of the test period.

**CHAPTER 26 – GENERAL PLUMBING REQUIREMENTS**

**SECTION P2602 – INDIVIDUAL WATER SUPPLY AND SEWAGE DISPOSAL**

**SECTION P2602.1 General** is hereby amended as follows:

**P2602.1 General** The water distribution system of any building or premises where plumbing fixtures are installed shall be connected to a public water supply. Where a public water supply system is not available, or connection to the supply is not feasible, an individual water supply shall be provided. Individual water supplies shall be constructed and installed in accordance with applicable state and local laws, where such laws do not address the requirements set forth in NGWA-01, individual water supplies shall comply with NGWA-01 for those requirements not addressed by state and local laws. Backflow devices are required per PCC 6-1 section 903.3.5. Sanitary drainage piping from plumbing fixtures in buildings and sanitary drainage piping systems from premises shall be connected to a public sewer. Where a public sewer is not available, the sanitary drainage piping and systems shall be connected to a private sewage disposal system, approved for use by Yavapai County under separate permit.

Formatted: No underline

Formatted: Indent: Left: 0.5"

Formatted: Font: Not Bold, No underline

Formatted: Font: Not Bold

Formatted: Font: Not Bold, No underline

**SECTION P2603 – STRUCTURAL AND PIPING PROTECTION**

**SECTION P2603.5.1 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.

**SECTION P2603.5.2 WATER IN ATTICS** is hereby added as follows:

**SECTION P2603.5.2 WATER IN ATTICS.** All water in attics must be either in a conditioned attic space, or must be in an approved chase with foam, on the conditioned side of the insulation, with a minimum of R-49 insulation over the chase. Pipe must be pex or equal and must slope to drain to showerhead when not in use, no valve allowed on the showerhead.

**CHAPTER 29 – WATER SUPPLY AND DISTRIBUTION**

**SECTION P2901 – GENERAL**

**SECTION P2901.1 Potable water required** is hereby amended by adding a section as follows:

**P2901.1.1 Temporary Water.** Temporary water must meet all requirements for direct burial and tracer wires, as well as, sprinkler line sizing and material and weather protection and hose-bib protection per P2902.4.3. A minimum of 10 feet of line must be installed.

**SECTION P2904 – DWELLING UNIT FIRE SPRINKLER SYSTEMS**

**SECTION P2904 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 Codes and amendments.

**SECTION P2905, P2906 – MATERIALS, JOINTS AND CONNECTIONS**

**SECTION P2905.4.2 P2906.4 Water service pipe Water service installation** is hereby amended by adding a new second paragraph (before the exception) to read as follows:

**P2905.4.2 Water Service pipe 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.

**SECTION P2906.6.1 Saddle Tap Fittings.** Is hereby amended as follows:

**Section P2906.6.1 Saddle tap fittings.** The use of saddle tap fittings and combination saddle tap and valve fittings shall be prohibited, unless part of a City of Prescott Approved General Engineering Standard.

**SECTION P2911 ON-SITE NONPOTABLE WATER REUSE SYSTEMS**

**SECTION P 2911 ON-SITE NONPOTABLE WATER REUSE SYSTEMS is hereby deleted in its entirety.**

**CHAPTER 30 – SANITARY DRAINAGE**

**SECTION P3001 – GENERAL**

**SECTION P3001 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.

**SECTION P3008 – BACKWATER VALVES**

**SECTION P3008.1 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.

- Formatted: Indent: Left: 0"
- Formatted: Font: Bold
- Formatted: Font: Bold
- Formatted: Font: Not Bold
- Formatted: Font: Not Bold
- Formatted: Indent: Left: 0"
- Formatted: Font: Bold
- Formatted: Font: Bold

Formatted: Font color: Text 1, Not Strikethrough

~~THIS HAS BEEN ENTIRELY REMOVED FROM 2018~~

~~SECTION P3009 – SUBSURFACE LANDSCAPE IRRIGATION SYSTEMS GRAY WATER RECYCLING SYSTEMS~~

Formatted: Font color: Text 1, Not Strikethrough

~~SECTION P3009 Grey Water Recycling Systems SUBSURFACE LANDSCAPE IRRIGATION SYSTEMS~~ is hereby deleted in its entirety: ~~HAS BEEN DELETED FROM 2018~~

Formatted: Font color: Text 1, Not Strikethrough

Formatted: Font color: Text 1, Not Strikethrough

Formatted: Font color: Text 1, Not Strikethrough

**CHAPTER 34 – ELECTRICAL GENERAL REQUIREMENTS**

All references to NFPA 70 include the 2017~~4~~ National Electrical Code.

**CHAPTER 40 – DEVICES AND LUMINAIRES**

SECTION E4002 – RECEPTACLES

Formatted: Font color: Light Blue

SECTION E4002.14 Tamper-Resistant receptacles is hereby deleted in its entirety.

**PART II FINDINGS AND DECLARATION**

The City of Prescott Council, Arizona specifically and expressly finds and declares that the nature and uniqueness of the climate, terrain, and location does necessitate and demand specific amendments to the ~~2012~~ 2018 International Residential Code for One- and Two- Family Dwellings, which are stated in this Exhibit "A".

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 shall, for any reason, be held to be invalid or unconstitutional, such decisions shall not affect the remaining sections, sentences, clauses or phrases of this ordinance, but they shall remain in effect, it being the legislative intent that this ordinance shall stand notwithstanding the validity of any part thereof.

**PART III EFFECTIVE DATE**

This ordinance shall take effect and be in force on the ~~14th day of April 2015~~ consistent with the Prescott City Charter, Prescott City Code and relevant Arizona statutes.