



**Proposed Amendments to City of Prescott 2018 Building and Technical Codes**

**Administrative Code**

- **2018 International Fire Code and 2018 International Wildland - Urban Interface Code:** Adoption per Prescott Fire Department
- **Energy Code:** 2012 Adoption remaining in effect.
- **ADMINISTRATIVE - CHAPTER 1**  
**Definitions 102.12 obsolete equipment** *mechanical, electrical, fuel gas, plumbing equipment, fixtures, piping, electrical, and ducts must be removed from any roof, room or crawlspace when it become obsolete...*  
*Exception unless it has historical significance, on a historical registry or within a historical district, is a historical landmark as determined by the City of Prescott Planning and Zoning Department or is a 'safe' in place asbestos or other remediation approved project.*
- **Building Permits: Not required** - 2. Fences not over six feet (6') high. \*  
 4. Retaining walls, which are not over thirty two inches (32") in height, are not subject to surcharges or flammable liquids, measured from the top of the footing to the top of the wall. \*\*
- **Required Inspections - 110.3.9**
  - **Water-resistive and/or Air barrier.** Inspection or *Certified installer certificate (general or sub-contractor) from barrier manufacture can be submitted at rough in inspection in lieu of building wrap/ barrier being inspect for water resistive and air barrier installed.* \*\*
- **Board of appeals** - The Building Safety Advisory and Appeals Board shall consist of five (5) voting members (reduced from 9).

**2018 International Building Code**

- **ACCESSIBILITY – CHAPTER 11**
- **Design – 1102.1** Accessibility requirements will be the more restrictive of those stated in, *The 2010 Standards for Accessible Design, ANSI A117.1-2009, or Chapter 11 Accessibility, 2012 International Building Code.* \*
- **MASONRY - CHAPTER 21 (chimney, fireplaces, barbeques, wood stoves – wood burning appliances)**  
**Installation - 2115.1.1** *required to be certified by the United States Environmental Protection Agency as conforming to 40 Code of Federal Regulations Part 60. Subpart AAA, Effective July 1, 1990. Other restrictions apply.* \*\*
- **STRUCTURAL DESIGN – CHAPTER 16**  
**Live Loads - 1607** Table 1607.1. Residential #25 Minimum Uniformity Distributed Live Loads, L<sub>o</sub>, and minimum concentrated live loads:
  - *Uninhabitable equipment and/or limited storage platforms in attic spaces* \_\_\_\_\_ 40
  - *All habitable spaces and sleeping rooms in attic spaces* \_\_\_\_\_ 40
  - *Sleeping Rooms* \_\_\_\_\_ 40 \*\*
- **PLUMBING SYSTEMS – CHAPTER 29**  
**Minimum Plumbing Fixtures - 2902.2.4** *Separate Facilities from 25 to 49 occupants are allowed to use multiple unisex restrooms, at least one must meet ADA, or one ADA restroom that meets full family restroom requirement, must have an ANSI A117.1-2009 compliant toilet, urinal, lavatory and baby changing station. One Family restroom will meet the requirement for 1 male and 1 female minimum restroom numbers.* \*
- **ELEVATOR AND CONVEYING SYSTEMS – CHAPTER 30**  
**Emergency elevator communication systems for the deaf, hard of hearing and speech impaired – 3001.2** is deleted in its entirety.

## **2018 International Residential Building Code**

- **BUILDING PLANNING – CHAPTER 3**

**Live Loads – R301.5** Table R301.5 Minimum Uniformity Distributed Live Loads (in pounds per square foot):

- *All attic spaces with habitable areas* \_\_\_\_\_ 40
- *Equipment and/ or limited storage<sup>b, g</sup> platforms in attic spaces* \_\_\_\_\_ 40
- *Sleeping Rooms* \_\_\_\_\_ 40 \*\*

- **ROOF ASSEMBLIES- CHAPTER 9** - *All roofing material shall be installed over solid roof sheathing. \*\**

**Material Standards - R905.7.4 & R905.8.4.** *Wood shingles & wood shakes shall be factory treated fire-retardant grade 1 minimum.*

- **CHIMNEYS AND FIREPLACES – CHAPTER 10**

**General - R1007.1** 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. \*\**

- **GENERAL MECHANICAL SYSTEM REQUIREMENTS - CHAPTER 13**

**Elevations of ignition source - M1307.3** *Exception: Elevation of the ignition source is not required for appliances that are listed as flammable vapor ignition resistant and/or clothes dryers. \*\**

- **PLUMBING ADMINISTRATION – CHAPTER 25**

**Rough Plumbing (drain, waste and vent) – P2503.5.1** *plastic piping using 1/3 lesser psi of the gauge or 10psi maximum gauge size js 60 psi for 15 minutes.*

- **PLUMBING REQUIREMENTS – CHAPTER 26**

**Individual Water Supply And Sewage Disposal – P2602.1** *connected to...*

- *A public water system or an individual where not feasible or an individual water supply system in accordance with state and local laws all with backflow devices.*
- *Sanitary drainage piping system of premises shall be connected to public sewer or if a public sewer is not available the sanitary drainage piping system of premises must be connected to a private sewage disposal system approved for use by Yavapai County, under separate permit.*

- **MATERIALS, JOINTS AND CONNECTIONS – CHAPTER – 29**

**Saddle Tap Fitting – 2906.6.1** *use of saddle tap and combination saddle trap fittings shall be prohibited, unless part of a City of Prescott approved General Engineering Standard.*

- **SANITARY DRAINAGE – CHAPTER 30**

**Backwater Valves - P3008** *an approved and accessible backwater prevention valve is required on all structures attaching to the municipal (City) sewer system. \**

**Grey Water - P3009** *Not permitted per current City of Prescott Ordinance (to be reinstated and updated at final markup, per City resolutions).*

- **DEVICES AND LUMINARES CHAPTER 40**

**Receptacles – E4002.14** *Tamper-Resistant receptacles in/ for single family dwelling units is hereby deleted in its entirety. \*\**

## **2018 International Mechanical Code**

- **GENERAL REGULATIONS – CHAPTER 3**

**Installation - 304.3** *Elevation 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 installed in private garages. \*\**

- **EXHAUST SYSTEMS – CHAPTER 5**

**Grease duct reservoir - 506.3.7.1 (3)** *shall have a length and width of not less than 12 inches. Where the grease duct is less than 12 inches in a dimension, the reservoir shall be not more than 2 inches smaller than the duct in that dimension.*

## **2018 International Plumbing Code**

- **GENERAL REGULATIONS CHAPTER - 3**  
**Drainage and vent Air Test - 312.3** *plastic piping using 1/3 lesser psi of the gauge or 10psi maximum gauge size js 60 psi for 15 minutes*
- **FIXTURES, FAUCETS AND FIXTURE FITTINGS – CHAPTER 4**  
**Minimum Plumbing Fixtures – 403.2.4** *Separate Facilities from 25 to 49 occupants are allowed to use multiple unisex restrooms, at least one must meet ADA, or one ADA restroom that meets full family restroom requirement, must have an ANSI A117.1-2009 compliant toilet, urinal, lavatory and baby changing station. One Family restroom will meet the requirement for 1 male and 1 female minimum restroom numbers. \**
- **SANITARY DRAINAGE – CHAPTER 7**  
**Cleanout Access – 708.1.10** *cleanouts with openings at finish walls shall have the face of the opening flush with the finished wall surface. \*\**  
**Sewage backflow - 715.1** *all structures connected to the sewer system shall be protected by an approved backwater valve, installed in the building drain. \*\**  
**Sewage backflow retrofit requirements - 715.1.1** *all structures connected to the City of Prescott sewer system prior to the adoption of the ordinance shall be protected by an approved backwater valve when additions, alterations, or repairs to existing structures are done.*

## **2018 International Fuel Gas Code**

- **GAS PIPING INSTALLATION - CHAPTER 4**  
**Access to shutoff valves - 409.1.3** *a shutoff valve shall be located in places so as to provide access for operation and shall be installed so as to be protected from damage. 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. The gas piping must break ground before entering any structure and be provided with a dielectric union/ fitting after breaking ground [minimum six inches (6") above ground].*

## **2017 National Electrical Code**

- **WIRING METHODS AND MATERIALS - CHAPTER 3**  
**Ampacities - 310.15** *120/240-Volt and 120/208-Volt, 3-Wire, Single-Phase Dwelling Services and Feeders for conductors rated 0-2000 volts is deleted from amendments.*
- **DEVICES AND LUMINAIRES - CHAPTER 4**  
**Receptacles – 406.12** *Tamper-Resistant receptacles in/ for single family dwelling units is hereby deleted in its entirety. \*\**

## **2012 International Energy Efficiency Code**

### **COMMERCIAL - CHAPTER 1**

- **SCOPE AND REQUIREMENTS - C101.1** *This Code shall be known as the "City of Prescott 2012 International Energy Conservation Code- Commercial with 2018 revisions", hereinafter referred to as "this Code".*
- **PRE-APPROVED ENERGY EFFICIENCY PROGRAMS OR DESIGN STANDARDS - C102.1**
  - *Manual J Table 1a or 1b, current addition*
  - *ASRSE design for Prescott airport, current addition*
- **GENERAL REQUIREMENTS - CHAPTER 3**  
**TABLE - C301.1** *is amended to, Arizona - City of Prescott, Zone 4B*
- **BUILDING ENVELOPE REQUIREMENTS – C402**
  - **Building test - C402.4.1.2.3** *Blower door testing must be conducted by a certified and approved installer and must have a passing result at the Combo Final inspection. This section will be in full compliance by January 1, 2020. Certified installer to have certification on file with the jurisdiction.*
  - **Vestibules - C402.4.7**

7. Doors that have an air curtain with a velocity of not less-than 6.56 feet per second (2m/s) at the floor that have been tested in accordance with ANSI/AMCE 220 and installed in accordance with the manufacturer's instructions. Manual or automatic controls shall be provided that will operate the air curtain with the opening and closing of the door. Air curtains and their controls shall comply with section C408.2.3

- **BUILDING MECHANICAL SYSTEMS - C403**

- **DUCT AND PLENUM INSULATION SEALING - C403.2.7** duct testing must be conducted by a certified and approved installer or approved by the engineer of record for the system. Duct testing must have a passing certification by Combo Final. This section will be in full compliance by January 1, 2020. Certified installer to have certification on file with the jurisdiction.

**RESIDENTIAL - CHAPTER 1**

- **SCOPE AND REQUIREMENTS - R101.1** This Code shall be known as the "City of Prescott 2012 International Energy Conservation Code- Commercial with 2018 revisions", hereinafter referred to as "this Code".

- **PRE-APPROVED ENERGY EFFICIENCY PROGRAMS OR DESIGN STANDARDS: - R102.1**

- Manual J Table 1a or 1b, current addition
- ASRAE design for Prescott airport, current addition

- **GENERAL REQUIREMENTS - CHAPTER 3**

- **TABLE - R301.1** is amended to, Arizona - City of Prescott, Zone 4B

- **BUILDING ENVELOPE REQUIREMENTS – R402**

- **Building test - R402.4.1.1** Blower door testing must be conducted by a certified and approved installer and must have a passing result by the Combo Final inspection. This section will be in full compliance by January 1, 2020. Certified installer to have certification on file with the jurisdiction.

- **SYSTEMS - R403**

- **Sealing - 403.2.2** duct testing must be conducted by a certified and approved installer or approved by the engineer of record for the system. Duct testing must have a passing certification by Combo Final. This section will be in full compliance by January 1, 2020. Certified installer to have certification on file with the jurisdiction

*Italicized wording indicate those changes being recommended to the technical codes.*

*\*aligning City Code adoption with other jurisdiction's existing amendments.*

*\*\* indicates common amendments being submitted to all jurisdictions for approval.*

*These recommendations are not all inclusive, but represent majority of the City of Prescott's anticipated code amendments, along with the cooperative jurisdictional code amendments. For each jurisdiction please refer to their individual web site or method of public advisement.*

**THE PROPOSED CODE AMEDMENTS ARE SUBJECT TO REVISIONMENT, WHILE BEING CONSIDERED BY BOTH THE BUILDING APPEALS AND ADVISORY BOARD AND CITY OF PRESCOTT COUNSEL, THROUGHOUT THE ADOPTION PROSSES. THE CITY OF PRESCOTT'S PROPOSED RESOLUTIONS TO THE ORDENANCES PAGES WILL BE UPDATED, ON THE CITY WEB SITE, AS CHANGES ARE MADE.**