

RESOLUTION NO. 2025-1960

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF PRESCOTT, YAVAPAI COUNTY, ARIZONA, ADOPTING THAT CERTAIN DOCUMENT ENTITLED "INTERNATIONAL FIRE CODE", AS PUBLIC RECORD, WHICH DOCUMENT REPLACES AND AMENDS CHAPTERS 6-1-1 ("ADOPTION OF THE INTERNATIONAL FIRE CODE") AND 6-1-2 ("AMENDMENTS") 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 "*International Fire Code, 2024 Edition*", Including appendices A, B, C, D, H, I, K, N, and P, as published by the International Code Council, as a public record by **Ordinance 2025-1926**; and,

WHEREAS, the City of Prescott wishes to adopt that certain document entitled "*International Fire Code*" attached hereto and made a part hereof as Exhibit "A", which document replaces and amends the Prescott City Code Chapter 6-1-1 "ADOPTION OF THE INTERNATIONAL FIRE CODE"; and 6-1-2 "AMENDMENTS"; and,

WHEREAS, The City Clerk is directed to maintain three (3) copies of the above-referenced public document on file at all times for inspection by the public.

ENACTMENTS:


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

SECTION 1. THAT, certain document entitled "*International Fire Code, 2024 Edition*", including Appendices A, B, C, D, H, I, K, N, and P as published by the International Code Council, is hereby declared to be a public record.

SECTION 2. THAT, certain document entitled "*International Fire Code*" attached hereto and made a part hereof as Exhibit "A", w Which document replaces and amends the Prescott City Code Chapter 6-1-1 "ADOPTION OF THE INTERNATIONAL FIRE CODE" and 6-1-2 "AMENDMENTS" is hereby declared to be a public record.

SECTION 3. 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.

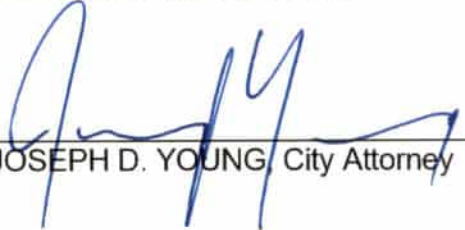
PASSED, APPROVED and ADOPTED by the Mayor and Council of the City of Prescott, Arizona, this 18 day of November, 2025.

  
\_\_\_\_\_  
PHILIP R. GOODE, Mayor

ATTEST:

  
\_\_\_\_\_  
SARAH M. THORNHILL, City Clerk

APPROVED AS TO FORM:

  
\_\_\_\_\_  
JOSEPH D. YOUNG, City Attorney

## CERTIFICATION OF RECORDING OFFICER

STATE OF ARIZONA )  
County of Yavapai ) ss.

I, the undersigned Sarah M. Thornhill, being the duly appointed, qualified City Clerk of the City of Prescott, Yavapai County, Arizona, certify that the foregoing Resolution No. 2025-1960 is a true, correct and accurate copy of Resolution No. 2025-1960, passed and adopted at a Voting Meeting of the Council of the City of Prescott, Yavapai County, Arizona, held on the 18 day of November 2025, at which a quorum was present and, by a 6-0 vote, Six voted in favor of said resolution.

Given under my hand and sealed this 19 day of November, 2025.



  
City Clerk

**EXHIBIT "A"**

Chapter 6-1 shall now be referred to as: "*International Fire Code*".

Chapter 6-1-1 of the Prescott City Code is repealed and replaced as follows:

**"6-1-1: ADOPTION OF THE INTERNATIONAL FIRE CODE:**

There is hereby adopted by reference, that certain document known as the "*International Fire Code, 2024 Edition*", including Appendices A, B, C, D, H, I, K, N, and P, as published by the International Code Council. Said document is hereby amended and adopted as the "*International Fire Code*", regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises as herein provided; providing for the issuance of permits and collection of fees therefor; and each and all of the 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 "*International Fire Code*" 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 6-1-2 of the Prescott City Code is repealed and replaced with the following:

**"6-1-2: AMENDMENTS:****CHAPTER 1 - SCOPE AND APPLICATION****SECTION 101: SCOPE AND GENERAL REQUIREMENTS**

**SECTION 101.1:** Title is deleted in its entirety and revised to read as follows:

[A] **101.1: Title.** These regulations shall be known as the "*International Fire Code*," hereinafter referred to as "this Code."

**SECTION 101.2.1: APPENDICES** is hereby deleted and amended to read as follows:

[A] **101.2.1: Appendices.** Appendices A, B, C, D, H, I, K, N, and P are hereby adopted in part of this Code. Each appendix may or may not be amended herein.

**SECTION 102: APPLICABILITY**

**SECTION 102.5 Application of residential code** is hereby deleted and amended to read as follows:

[A] **102.5: Application of residential code.** Where structures are designed and



constructed in accordance with the International Residential Code, the provisions of this code shall apply as follows:

1. Construction and design provisions of this code pertaining to the exterior of the structure shall apply including, but not limited to, premises identification, fire apparatus access and water supplies. Where interior or exterior systems or devices are installed, construction permits required by Section 105.6 shall apply.
2. Administrative, operational and maintenance provisions of this code shall apply.
3. Section 903.2.8.4 of this code.

### **SECTION 102.7 REFERENCED CODES AND STANDARDS**

**SECTION 102.7 Referenced codes** and is hereby deleted and amended to read as follows:

**[A] 102.7: Referenced codes and standards.** The most recently published edition of the codes and standards referenced in this code shall be those that are listed in Chapter 80, and such codes and standards shall be considered to be part of the requirements of this code to the prescribed extent of each such reference and as further regulated by Sections 102.7.1 and 102.7.2.

**SECTION 102.7.1.1 Conflicts with other City of Prescott Design Standards** is added to read as follows:

**[A] 102.7.1.1: Conflicts with other City of Prescott Design Standards.** Where this code conflicts with any applicable sections of the City of Prescott General Engineering Standards, the most restrictive provisions shall apply at the discretion of the fire code official, who may consult the City Engineer for guidance.

### **SECTION 103 CODE COMPLIANCE AGENCY**

**SECTION 103.1 Creation of agency.** is hereby deleted and amended to read as follows:

**[A] 103.1: Creation of agency.** The Fire Marshal's Office of the Community Risk Management Division of the Prescott Fire Department is hereby created and the official in charge thereof shall be known as the *fire code official*. The function of the agency shall be the implementation, administration and enforcement of the provisions of this code

### **SECTION 105: REQUIRED OPERATIONAL PERMITS**

**SECTION 105.5.40 Outdoor assembly event,** is hereby amended to read as follows:

**[A] 105.5.40: Outdoor assembly event.** An operational permit is required to conduct an *outdoor assembly event* where planned attendance exceeds 500 persons.

**SECTION 105.5.51 Temporary membrane structures, special event structures and tents** is amended to read as follows:

**105.5.51: Temporary membrane structures, special event structures and tents.** An operational permit is required to operate an air-supported temporary membrane structure, inflatable amusement devices, a temporary special event structure or a tent having an area in excess of 400 square feet (37 m<sup>2</sup>).

## **SECTION 106: CONSTRUCTION DOCUMENTS**

**SECTION 106.2.2 Fire protection system shop** is hereby amended to read as follows:

**[A] 106.2.2: Fire protection system shop drawings and construction documents.** Shop drawings and construction documents for fire protection and life safety system(s) shall be submitted to indicate compliance with this code and the *construction documents* and shall be *approved* prior to the start of installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9 . Fire protection and life safety systems shall be submitted and reviewed bearing a review certification and signature of a minimum level III NICET Certified Engineering Technician (CET) or Arizona Licensed Engineer registrant.

## **SECTION 108: FEES**

**SECTION 108.2 Schedule of permit fees** is hereby deleted and amended to read as follows:

**[A] 108.2: Schedule of permit fees.** Where a permit is required, a fee for each permit shall be paid as required, in accordance with the schedule as established by the City of Prescott, and may be changed occasionally. All fees are to be rounded up to the next whole dollar.

**SECTION 108.3 Permit valuations** is hereby deleted in its entirety.

## **SECTION 110 MAINTENANCE**

**SECTION 110.3 RECORD KEEPING** is hereby amended to read as follows:

**[A] 110.3 Record keeping:** A record of periodic inspections, tests, servicing and other operations and maintenance shall be maintained on the premises or other approved location for not less than 3 years, or a different period of time where



specified in this code or referenced standards and all records shall be copied to the authority having jurisdiction within ten (10) business days of the inspection. Those records shall be submitted via the City of Prescott Fire Department authorized software portal. Records shall be made available for inspection by the fire code official, and a copy of the records shall be provided to the fire code official on request.

The fire code official is authorized to prescribe the form and format of such recordkeeping. The fire code official is authorized to require that certain required records be filed with the fire code official.

## **SECTION 112: MEANS OF APPEALS**

**SECTION 112.1 GENERAL** is hereby amended to read as follows:

**[A] 112.1: General.** In order to hear and decide appeals of orders, decisions or determinations made by the fire code official, relative to the application and interpretation of this code, there shall be and is hereby created a Fire board of appeals in accordance with Appendix A. The Fire board of appeals shall be appointed by the applicable governing authority and shall hold office at its pleasure. The board shall adopt rules of procedure for conducting its business and shall render all decisions and findings in writing to the appellant with a duplicate copy to the fire code official.

**SECTION 112.2: Limitations on authority** is hereby deleted in it's entirety

**SECTION 112.3 Qualifications** is hereby deleted in it's entirety

**SECTION 112.4 Administration** is hereby deleted in it's entirety.

## **SECTION 113: VIOLATIONS**

**SECTION 113: VIOLATIONS** is hereby amended to read as follows:

**[A] 113.4 Violation penalties.** Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a violation of Section 6-1-3 of the Prescott City Code and punishable pursuant to Section 1-3-1 of the Prescott City Code.

## **CHAPTER 2 DEFINITIONS**

### **SECTION 202 – DEFINITIONS**

**SECTION 202 - Definitions** is hereby amended by adding the following definitions:

**ACCESSORY DWELLING UNIT (ADU), GUEST HOUSE, GUEST QUARTERS OR MOTHER-IN-LAW SUITE** - A smaller, independent residential dwelling unit located on the same single-family zoned lot as an existing single-family home. ADUs can be attached or detached to the primary single-family. The primary residence shall have a master meter and these accessory structures shall be submetered per City Code Section 2-1-24.

**OBSOLETE EQUIPMENT** – Mechanical, Electrical, Fuel Gas and Plumbing equipment, fixtures, piping, electrical and ducts, must be removed from any roof, room or crawlspace when it has become obsolete and disposed of in a manner consistent with local codes and ordinances. This will include removing equipment, fixtures, piping, electrical and ducts no longer in use to the nearest shut-off, electrical junction, main trunk line, or panel location. Exception: that equipment deemed to be of historical significance, on a historical registry or within a historical district or considered a historical landmark as determined by the City of Prescott, or equipment 'safed' in place due to asbestos or other contaminants by an approved remediation company.

**SHELL STRUCTURE** – Structure where only the exterior of building is finished, Structure may not have utilities other than those required by the City of Prescott Fire Department. The interior of the structure may not be occupied until additional permits are approved and certified for occupancy.

**TRAILER (PARK MODEL)** – A park trailer built on a single chassis with the square footage between 320 to 400, mounted on wheels and designed to be connected to utilities necessary for operation of installed fixtures and manufactured to comply with ANSI A119.5 standards, except that it does not include recreational vehicles, travel trailers, campers or fifth wheel trailers.

## **CHAPTER 3 GENERAL REQUIREMENTS**

### **SECTION 308 OPEN FLAMES**

**SECTION 308.1.7 SKY LANTERNS** is hereby deleted and amended to read as follows:

**308.1.7: Sky Lanterns:** The lighting of, and or release of Sky Lanterns is prohibited.

## **CHAPTER 5 FIRE SERVICE FEATURES**

### **SECTION 503 FIRE APPARATUS ACCESS ROADS**

**SECTION 503.1 Where required** is hereby deleted and amended to read as follows:

**503.1: Where required.** Fire apparatus access roads shall be provided and



maintained in accordance with Sections 503.1.1 through 503.1.3 and Appendix D, as amended.

**SECTION 503.1.1 Buildings and facilities** is hereby amended to read as follows:

**503.1.1: Buildings and facilities.** Approved fire apparatus access roads shall be provided for every facility, building or portion of a building, hereafter constructed or moved into or within the jurisdiction. The fire apparatus access road shall comply with the requirements of this section and shall extend to within 150 feet (45 720mm) of all portions of the facility and all portions of the exterior walls of the first story of the building as measured by an approved route around the exterior of the building or facility.

Exceptions:

1. The fire code official is authorized to increase the dimension of 150 feet (45 720 mm) where any of the following conditions occur:
  - 1.1 The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 (NFPA 13), the dimension shall be unlimited, as approved, provided access roads are extended to within 150 feet (45 720mm) of at least one, *approved* side of the building or structure. Fire hydrant requirements of Section 507 may necessitate additional fire apparatus access roads to serve hydrants near large buildings.
  - 1.2 The building is equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.2 (NFPA 13R) or 903.3.1.3 (NFPA 13D), the dimension shall be increased to 200 feet (60 960mm).
  - 1.3 The fire apparatus access roads cannot be installed because of location on property, topography, waterways, nonnegotiable grades or other similar conditions, and an *approved* alternative means of fire protection is provided.
  - 1.4 There are not more than two Group R-3 or Group U occupancies
2. Where approved by the fire code official, fire apparatus access roads shall be permitted to be exempted or modified for solar photovoltaic power generation facilities.

**SECTION 503.1.2 ADDITIONAL ACCESS** is hereby deleted and amended to read as follows:

**503.1.2: ADDITIONAL ACCESS AND EGRESS ROADS.** The *fire code official* is authorized to require more than one fire apparatus access and egress road based on the potential for impairment of a single road by vehicle congestion, condition of terrain, climatic conditions or other factors that could limit access or egress for the purposes of emergency vehicle access and/or emergency egress.

**SECTION 503.2 SPECIFICATIONS** is hereby amended to read as follows:

**503.2: Specifications.** Fire apparatus access roads shall be installed and arranged in accordance with Sections 503.2.1 through 503.2.8 and Appendix D, as amended.

**SECTION 503.2.3 SURFACE** is hereby deleted and amended to read as follows:

**503.2.3: Surface.** Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus weighing up to 90,000 pounds and shall be surfaced so as to provide all-weather driving capabilities with an approved driving surface material.

**SECTION 503.2.4 TURNING RADIUS** is hereby amended as follows:

**503.2.4: Turning Radius** The required turning radii of a fire apparatus access road shall be 28-feet inside diameter and 52-feet outside diameter.

**SECTION 503.2.7 GRADE** is hereby amended as follows:

**503.2.7: Grade** The grade of the fire apparatus access road shall be no more than 12 percent, or within the limits established by the fire code official based on the fire department's apparatus.

**SECTION 503.6 SECURITY GATES** is hereby amended to read as follows:

**503.6: Security gates.** The installation of security gates across a fire apparatus access road shall be *approved* by the *fire code official*. Where security gates are installed, they shall have an *approved* means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times. Electric gate operators, where provided, shall be *listed* in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F2200. Gates shall also be installed in accordance with Appendix P: Automatic Gate Requirements of this code.

## **SECTION 505 PREMISES IDENTIFICATION**

**SECTION 505.1 ADDRESS IDENTIFICATION** is hereby amended as follows:

**505.1 Address identification.** New and existing buildings shall be provided with



approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 6-inches (152 mm) high for commercial structures, to include multi-family, and not less than 4-inches (102 mm) high for one – and two-family and townhouse structures with a minimum stroke width of 1/2 inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. 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 identification shall be maintained.

### **SECTION 507 FIRE PROTECTION WATER SUPPLIES**

**SECTION 507.3 FIRE FLOW** is hereby amended to read as follows:

**507.3: Fire flow.** Fire flow requirements for buildings or portions of buildings and facilities shall be determined in accordance with Appendix B, as amended, or by an *approved* method.

**SECTION 507.5 FIRE HYDRANT SYSTEMS** is hereby amended to read as follows:

**507.5: Fire hydrants systems.** Fire hydrant systems shall comply with Sections 507.5.1 through 507.5.6 and Appendix C.

## **CHAPTER 9 FIRE PROTECTION AND LIFE SAFETY SYSTEMS**

### **SECTION 901 GENERAL**

**SECTION 901.4.7.1 ACCESS** is hereby amended to read as follows:

**901.4.7.1: Access.** All fire protection systems such as, automatic sprinkler system risers, fire pumps and controllers shall be provided with *ready access* and with a door that allows direct access from the exterior of the building, as *approved*. Where located in a fire pump room or *automatic sprinkler system* riser room, the door shall be permitted to be locked provided that the key is available at all times.

### **SECTION 903 AUTOMATIC SPRINKLER SYSTEMS**

**SECTION 903.4.3 ALARMS** is hereby amended to read as follows:

**903.4.3: Alarms.** An *approved* audible and visual sprinkler waterflow alarm device, located on the exterior of the building in an *approved* location, shall be connected to each *automatic sprinkler system*. Such sprinkler waterflow alarm



devices shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a waterflow switch is required by Section 903.4.1 to be electrically supervised, such sprinkler waterflow alarm devices shall be powered by a *fire alarm control unit* or, where provided, a *fire alarm system*. Where a *fire alarm system* is provided, actuation of the *automatic sprinkler system* shall actuate the building *fire alarm system*.

**SECTION 903.2 Where Required** is hereby amended by the addition of the following new section and reads as follows:

**903.2.8.4: One-and two-family residential fire sprinklers.** An automatic sprinkler system shall be installed throughout one- and two-family dwellings regulated by the International Residential Code that are 5,000 square feet (464 m<sup>2</sup>) or larger in area, in accordance with Section 903.3.1.3, or when any of the following conditions apply:

1. The fire hydrant average spacing exceeds 500 feet (152400mm) on the nearest fire apparatus access road or the required fire flow is not available.
2. There are congregate living facilities with more than 6 persons.
3. If the structure exceeds two (2) stories as defined in the International Building Code.

Exceptions:

1. Manufactured mobile home built on a chassis, designed and built as a dwelling unit, and recreational vehicles that were not site built and are portable in nature.

**SECTION 903.3.1.3 NFPA 13D sprinkler systems installation** is hereby amended and reads as follows:

**903.3.1.3: NFPA 13D sprinkler systems installation.** Automatic sprinkler systems installed in one and two-family dwellings; Group R-3; R-4, Condition 1; Group R-3 and R-4 congregate living facilities, and townhouses, shall be permitted to be installed throughout in accordance with NFPA 13D and this code. NFPA 13D systems shall include sprinklers to be installed in vehicle garages, livable spaces, and concealed or accessible spaces intended for storage use and/or future living space.

### **SECTION 903.3.5 WATER SUPPLIES**

**SECTION 903.3.5** is amended to include the following additions and read as follows:

**Section 903.3.5.3: Hydraulic calculations.** All hydraulic calculations for automatic sprinkler systems shall conform to the applicable standards set forth in NFPA 13D, as adopted by reference. In addition to these standards, the following parameters shall be utilized in determining pressure loss within the system:

1. Submitted hydraulic calculations shall include a single head calculation design area located in the most remote location of the system. The remote inspector test valve is required to be located as close as possible to this design area and will be used to determine the appropriate water supply.
2. Elevation pressure loss from the flow test location to base of riser must be included in the hydraulic calculations.
3. For 1 inch meter sets, design areas requiring 27 GPM and under shall use a fixed pressure loss of 16 PSI.
4. For 1 inch meter sets, design areas requiring more than 27 GPM shall use a fixed pressure loss of 21.5 PSI.

The storage capacity and recovery rate of a well shall not be used in the calculation for water storage capacity to meet NFPA 13D requirements for supplying water for a fixed time period.

**Section 903.3.5.4: NFPA 13D remote inspector test.** A remote inspector test assembly, configured to simulate the single-head sprinkler design, shall be installed in close proximity to the designated design area. The assembly shall be positioned to minimize the risk of freezing and shall discharge through an exterior wall. This installation shall serve to verify the adequacy of the available water supply for the calculated single-head demand.

**Section 903.3.5.5: Well pumps.** A well pump shall not be used to supply pressure to a fire suppression system.

## **CHAPTER 56 – EXPLOSIVES AND FIREWORKS**

### **SECTION 5601.1.3 FIREWORKS**

**SECTION 5601.1.3 FIREWORKS** is hereby amended to read as follows:

5601.1.3: Fireworks. The possession, manufacture, storage, sale, handling, and use of fireworks shall be in accordance with this code and the City of Prescott City Code Title V, Chapter 5-14 Fireworks.

#### **Exceptions:**

1. Storage and handling of fireworks as allowed in [Section 5604](#).



2. Manufacture, assembly and testing of fireworks as allowed in Section 5605.
3. The use of fireworks for fireworks displays as allowed in Section 5608.
4. The possession, storage, sale, handling and use of specific types of Division 1.4G fireworks where allowed by applicable laws, ordinances and regulations, provided that such fireworks and facilities comply with the 2026 edition of NFPA 1124, CPSC 16 CFR Parts 1500 and 1507, Arizona Revised Statutes, and DOTn 49 CFR Parts 100–185, as applicable for consumer fireworks.

## **SECTION 5607 BLASTING**

**SECTION 5607.1.2** is hereby added to read as follows:

**5607.1.2: Traffic and access control plan.** A traffic and access control plan shall include warning signage, flagging, temporary road closures, and detour routes for blasting operations, or as otherwise required by Federal, State, or local Fire authorities / regulations or the fire code official or his/her designee.

Exception: Permit areas that are secured from entry by the general public or public roads that are beyond the blast area.

When using electric detonators, signs reading "BLASTING ZONE AHEAD" and "TURN OFF 2-WAY RADIOS" must be displayed on all roads within 1,000 feet of blasting operations.

During the loading and detonation of explosive materials, signs shall be conspicuously placed reading "Blasting Area" along the perimeter of any blasting area.

Access within the blasting area shall be controlled to prevent the presence of unauthorized persons during blasting and until an authorized representative of the Blaster in Charge has reasonably determined that no unusual hazards, such as misfired charges exist and access to, and travel within, the blasting area can be safely resumed.

**SECTION 5607.1.3** is hereby added to read as follows:

**5607.1.3: Financial responsibility.** Before a permit is issued, as required by the International Fire Code Section 3301.2, the applicant shall file with the City of Prescott a surety bond in the principal sum of \$1,000,000 (one million dollars) or a public liability insurance policy for the same amount, for the purpose of payment of all damages to persons or property which arise from, or are caused



by, the conduct of any act authorized by the permit upon which any judicial judgment results. The fire code official or his/her designee is authorized to specify a greater or lesser amount when, in his/her opinion, conditions at the location of use indicate a greater or lesser amount is required.

**SECTION 5607.1.4** is hereby added to read as follows:

**5607.1.4: Proof of insurance.** A valid Certificate of Insurance shall be on record with the City of Prescott or submitted to the fire code official or his/her designee with each application, when applying for a permit, to conduct blasting operations.

The certificate shall be issued by an insurance company authorized to transact business in the State of Arizona, and the following information shall be identified:

1. The contractor shall be named as the insured. If the insurance is provided by an individual, company or partnerships other than the contractor, the contractor shall be named as an additional insured.
2. The City of Prescott, its officers, agents, employees and volunteers shall be named as additional named insureds and additional certificate holders.
3. Commercial general liability limits, including contractual liability, in the minimum amount of \$1,000,000.00, per occurrence.

**SECTION 5607.1.5** is hereby added to read as follows:

**5607.1.5: Indemnification.** Each permit, issued under the authority of this Chapter, shall contain the following indemnification provision:

"The permitted hereby fully indemnifies, holds harmless and agrees to defend the City of Prescott, its agents, officers and employees from any and all claims, expenses, losses, liability, actions, suits or demands, including legal defense costs thereof, of whatever nature, arising out of or connected with this blasting permit."

**Exception:** Government entities shall be exempt from this bond requirement.

**SECTION 5607.3.1** is a new section and hereby added to read as follows:

**5607.3.1: Testing.** Seismic and air blasting testing shall be conducted by an independent testing agency and the results are recorded in the blasting log for each blast, as approved by the fire code official.

**SECTION 5607.16** is a new section and hereby added to read as follows:

**5607.16: Public Notification.** The contractor or his designee (permit holder) shall provide verbal and/or written notification to anyone within the distance required by the notification chart (Figure 2) no less than twelve (12) hours prior to the blast and/or as otherwise required by the Fire Marshal or his/her designee.

A blasting notification mailing shall be sent to all property owners, and homeowners associations with a copy provided to the Fire Marshal or his/her designee within the scaled notification distance from the perimeter of the Assessor's parcel numbers or applicant's designated blast site(s) upon which the blasting permit is requested no less than 7 days and no greater than 21 days prior to the start of blasting operations. When fewer than five (5) different property owners are within the notification distance, the applicant may propose a custom plan for informing these owners pursuant to this section. The Fire Chief and Fire Marshal may accept or modify this plan.

The notification distance for a blasting notification mailing shall be based on Figure 2. The distance from the perimeter of the Assessor's Parcel Number containing the closest blast site for notifying property owners is the point where the weight intersects the line on the chart. The weight is based on the applicant's statement stating the maximum anticipated pounds of explosives in any single delay.

In the event notification is not "face to face" a door-hanger type of notice shall be hung on every occupancy within the distance required by the notification chart and shall include information as follows:

4. The contractor's and his/her company's name and phone number.
5. The company's Blaster in Charge name and phone number.
6. Dates and times blasting will be conducted.
7. Duration of the blasting project.

Figure 2

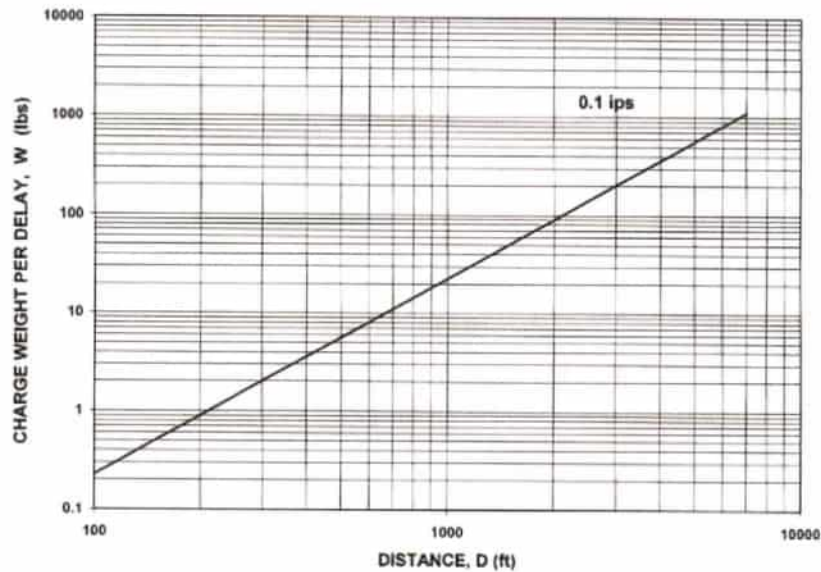


Figure 2 is based on the following equation:  $D \text{ (ft)} = 210 * W^{1/2} \text{ (lbs)}$   
where D is the scaled notification distance and W is the maximum charge weight per 8 ms delay.

**SECTION 5607.17** is hereby added to read as follows:

**5607.17: Blast Reports.** The Certificate of Fitness cardholder shall maintain an accurate blast report for each blast. Blast reports shall be retained for at least 5 years. When requested, a copy of the blast report shall be submitted to the fire code official or his/her designee.

The blast report shall contain, at a minimum, the following:

1. Name, signature and permit number of the Blaster in Charge and person for whom blasting operations are conducted.
2. Date and time of detonation and location or address of the blast site.
3. Type of material blasted.
4. Total number of drill holes, their depth, diameter, and sub-drill depth.
5. Burden, and spacing used in the blasting pattern.
6. Type and height or length of stemming.
7. Total pounds of each type of explosive used.



8. Initiation system and delay periods used in design.
9. Schematic showing the drill-hole pattern and detonation timing of each blast hole.
10. Weather conditions, including those which may cause possible adverse blasting effects.
11. The maximum weight of explosives detonated in an 8-millisecond period.
12. Type and size of any fly rock protection devices used, if any.
13. Distances in feet to and addresses of all closest buildings to the blast site in all directions.
14. Reasons and conditions for each unscheduled blast.
15. Type of delay caps used and delay periods used.
16. The person taking the seismograph reading shall accurately indicate exact location of the seismograph and shall show the distance of the seismograph from the nearest point at the blast site in feet.
17. Name of person and firm analyzing the seismograph record and readings.
18. Sketch of blast pattern including number of holes, burden and spacing distance, delay pattern, hole profile and decking if used.

## **CHAPTER 80 REFERENCE STANDARDS**

**CHAPTER 80 REFERENCE STANDARDS** is amended to add the following section to read as follows:

**8001.1: Editions of reference standards.** The editions and/or reference dates of all codes and standards listed within Chapter 80 shall be repealed and the most recent edition, version, effective date of each respective code and standard shall be the applicable edition, version, effective date used.

## **APPENDIX A: FIRE BOARD OF APPEALS**

**SECTION A101: GENERAL** is amended as follows:

**A101.1 Scope.** A Fire Board of Appeals shall be established within the jurisdiction for

the purpose of hearing applications for modification of the requirements of this code pursuant to the provisions of Section 112. The board shall be established and operated in accordance with this section, and shall be authorized to hear evidence from appellants and the fire code official pertaining to the application and intent of this code for the purpose of issuing orders pursuant to these provisions. The board shall act as technical advisors in the formation and acceptance of fire codes in the City of Prescott.

**A101.3 Membership of Board.** The Board shall consist of five (5) voting members, four (4) members and a Chair, who shall be residents of the City of Prescott, to pass on matters pertaining to the Fire Code of the City, each to be recommended by the Council Subcommittee on Appointments and affirmed/appointed by the City Council. The term of office for members of the Board shall be two (2) years. Terms shall end on the last day of March, with new terms beginning on the first day of April of the respective year. The Board shall appoint a Chair and Vice-Chair from among the Board's membership at the first regularly scheduled meeting after April 1<sup>st</sup> annually. Vacancies to fill an unexpired term shall be filled in the same manner as appointment of members with terms expiring.

**A101.3.4 Chairperson, Vice-Chairperson and Removal of Membership.**

(A) Chairperson - One chair, preferably from the fire service.

(B) Vice-Chairperson - The vice-chair shall represent the chairman in his absence.

(C) The Building Department, utility companies, and other expert personnel may be called upon by the Board to provide testimony but shall have no vote.

(D) Removal - If any member shall be absent from more than three meetings in a 12-month period he or she shall, upon notification by the Chair to City Council by a majority vote of the Council cease to hold office.

**A101.3.5 Secretary.** The designated staff liaison shall serve as the recording secretary for the Board. The secretary shall file summary minutes for any called meeting which shall set for the reasons for the Board's decisions, the vote of each member, absence of any member and any failure of a member to vote.

## **APPENDIX B FIRE-FLOW REQUIREMENTS FOR BUILDINGS**

**SECTION B105.1 One- and two-family dwellings, Group R-3 and R-4 buildings and townhouses** is hereby amended to read as follows:

**B105.1: One- and two-family dwellings, Group R-3 and R-4 buildings and townhouses.** The minimum fire-flow and flow duration requirements for one- and two-family dwellings, Group R-3 and R-4 buildings and townhouses having a fire flow calculation area that does not exceed 3,600 square feet (344.5 m<sup>2</sup>) shall be 1,000 gallons per minute (3785 L/min) for 1 hour. Fire-flow and flow duration for one- and two-family dwellings, Group R-3 and R-4 buildings and townhouses



having a fire-flow calculation area in excess of 3,600 square feet (344.5 m<sup>2</sup>) shall not be less than that specified in Table B105.1.

**Exception:** A reduction in required fire-flow of 25 percent, as approved, is allowed when the building is equipped with an approved automatic fire sprinkler system.

**SECTION B105.2 Buildings Other Than One- and Two-Family Dwellings, Group R-3 and R-4 Buildings and Townhouses** is hereby amended to read as follows:

**B105.2: Buildings other than one- and two-family dwellings, Group R-3 and R-4 buildings and townhouses.** The minimum fire-flow and flow duration for buildings other than one- and two-family dwellings, Group R-3 and R-4 buildings and townhouses shall be as specified in Table B105.1.

**Exception:** A reduction in required fire-flow of 50 percent, as approved, is allowed when the building is equipped with an approved automatic fire sprinkler system installed in accordance with Section 903.3.1.1. A reduction in required fire-flow of 25 percent, as approved, is allowed when the building is equipped with an approved automatic fire sprinkler system installed in accordance with Section 903.3.1.2. The resulting fire-flow shall not be less than 1,500 gallons per minute (5678 L/min) for the prescribed duration in Table B105.1.

**Table B105.1(1), Required Fire Flow For One- and Two-Family Dwellings, Group R-3 and R-4 Buildings and Townhouses** is hereby deleted in its entirety.

**Table B105.2, Required Fire Flow For Buildings Other Than One- and Two-Family Dwellings** is hereby deleted in its entirety.

**Section B105.3, Water Supply for Buildings Equipped with an Automatic Sprinkler Systems** is hereby deleted in its entirety.

**TABLE B105.1(2) REFERENCE TABLE FOR TABLES B105.1(1) AND B105.2**

**Table B105.1(2) REFERENCE TABLE FOR TABLES B105.1(1) AND B105.2** is amended with a change of title only to read as follows:

**"Table B105.1: MINIMUM REQUIRED FIRE-FLOW AND FLOW DURATION FOR BUILDINGS".**

#### **APPENDIX D FIRE APPARATUS ACCESS ROADS**

**SECTION D102.1 ACCESS AND LOADING** is hereby amended to read as follows:

**D102.1: Access and loading.** Facilities, buildings or portions of buildings



hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with an asphalt, concrete or other approved driving surface capable of supporting the imposed load of fire apparatus weighing up to 90,000 pounds (40,823 kg).

**SECTION D103.2 GRADE** is hereby amended to read as follows:

**D103.2: Grade.** Fire apparatus access roads shall not exceed 12 percent in grade.

**Exception:** Grades steeper than 12 percent as *approved* by the *fire code official*.

**SECTION D103.4 DEAD-ENDS** is hereby amended to read as follows:

**D103.4 Dead-ends.** Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) shall be provided with width and turnaround provisions in accordance with Table D103.4, and designed in accordance with the City of Prescott General Engineering Standards, as approved by the fire code official.

**SECTION D107.1 ONE-OR TWO-FAMILY DWELLING RESIDENTIAL DEVELOPMENTS** is hereby deleted and amended to read as follows:

**D107.1: One- or two-family dwelling residential developments.** Developments of one- or two-family *dwelling units* where the number of *dwelling units* exceeds 30 shall be provided with two separate and *approved* fire apparatus access roads. The fire code official is authorized to require these to be designed to serve as access and egress roads and/or additional egress roads may be required, as *approved*.

**Exceptions:**

1. The number of *dwelling units* accessed from a single fire apparatus access road shall not be increased unless fire apparatus access roads will connect with future development, as determined by the *fire code official*.

**APPENDIX P AUTOMATIC GATE REQUIREMENTS**

**P101.1 Permits.** A separate fire permit is required for the installation of any fire apparatus access control device. An electrical permit must be obtained from the City of Prescott Community Development Department. Separate permits must be obtained for each gate, unless the gate is already included within the scope of work of another permitted project.

**P101.2 Maintenance.** Inspection, maintenance, and testing shall be performed

on a routine basis to ensure reliability of all operating components of each gate installed.

**P101.3 Inspection.** All gate installations and modifications shall be subject to a final field test by the Prescott Fire Department.

**P102 Installation and Operation.** The following are required for the installation and operation of the automatic gate:

1. The gate or arm, when fully opened, shall provide a minimum clear width of 20 feet, except as allowed in D103.5. The turning radius for Fire Department apparatus shall not be affected by the placement of the gate or arm.
2. When a fire apparatus access control device is installed, it shall be a pre-emptive device when it serves any residential/multifamily property of 5 or more dwelling units.
3. The pre-emptive sensing device (Opticom) shall be compatible with the Department's existing fire apparatus equipment. The sensing device shall open both ingress and egress gates at the same time when gates are in close proximity to each other.
4. The gate operator shall open at a rate of one foot per second. Parking barrier arms shall open or clear in approximately two seconds. The gates shall remain open for at least two minutes when:
  1. The Fire Department strobe activated (Opticom) device is turned on from within the responding fire apparatus.
  2. Any other opening procedure is initiated for Fire Department entry purposes.
5. An emergency key switch shall be used for 24-hour Fire Department access. The emergency key switch, when activated, shall by-pass any occupant control and loop switch system and maintain the gate(s) in the open position until deactivated by the Fire Department. Gate will only resume normal operation when deactivated by the Fire Department key.
6. The emergency key switch shall open both the ingress and egress gate(s) when gate(s) are in close proximity to each other.
7. The emergency key switch shall be located at the card/code keypad pedestal.

8. The emergency key switch shall be mounted 5 ½ feet from grade (location shown on plan).
9. The emergency key switch shall be located below a sign labeled "FD ACCESS." The sign shall be 8" x 4" with bold, non-italic white reflective lettering on a red background.
10. An approved manual override mechanism shall be installed. The manual override mechanism shall disengage the device's operating system. The manual override shall be a simple, obvious, operation and be readily identifiable by signage or other means.
11. A 3-foot man gate is required with a Knox box that will provide access to the manual device.
12. No spikes or other roadway hindrances will be allowed.
13. There shall be a minimum distance of 35 feet between the access control device and the turn-off from the main access roadway.
14. Emergency apparatus shall be capable of leaving the property at any time.

**P102.1 Electrical.** Access gates shall be AC powered with a battery backup system to provide a continuous operation. In the event of a power failure, the access control device shall automatically open on battery back-up power and remain open until primary power is restored for residential/multifamily properties. An individual branch circuit of a minimum 15 ampere and raceway of a minimum ½ inch must be provided for each gate, in addition to other requirements provided for in applicable code.

**Exception:** At Commercial/Industrial properties, the gate is to remain closed in the event of a power failure, until the emergency gate switch is activated by the Fire Department, then open on battery backup.

**P103 Auxiliary Entrances.** Access control devices installed at property entry points, other than the recognized main entrance, shall be in accordance with these requirements.



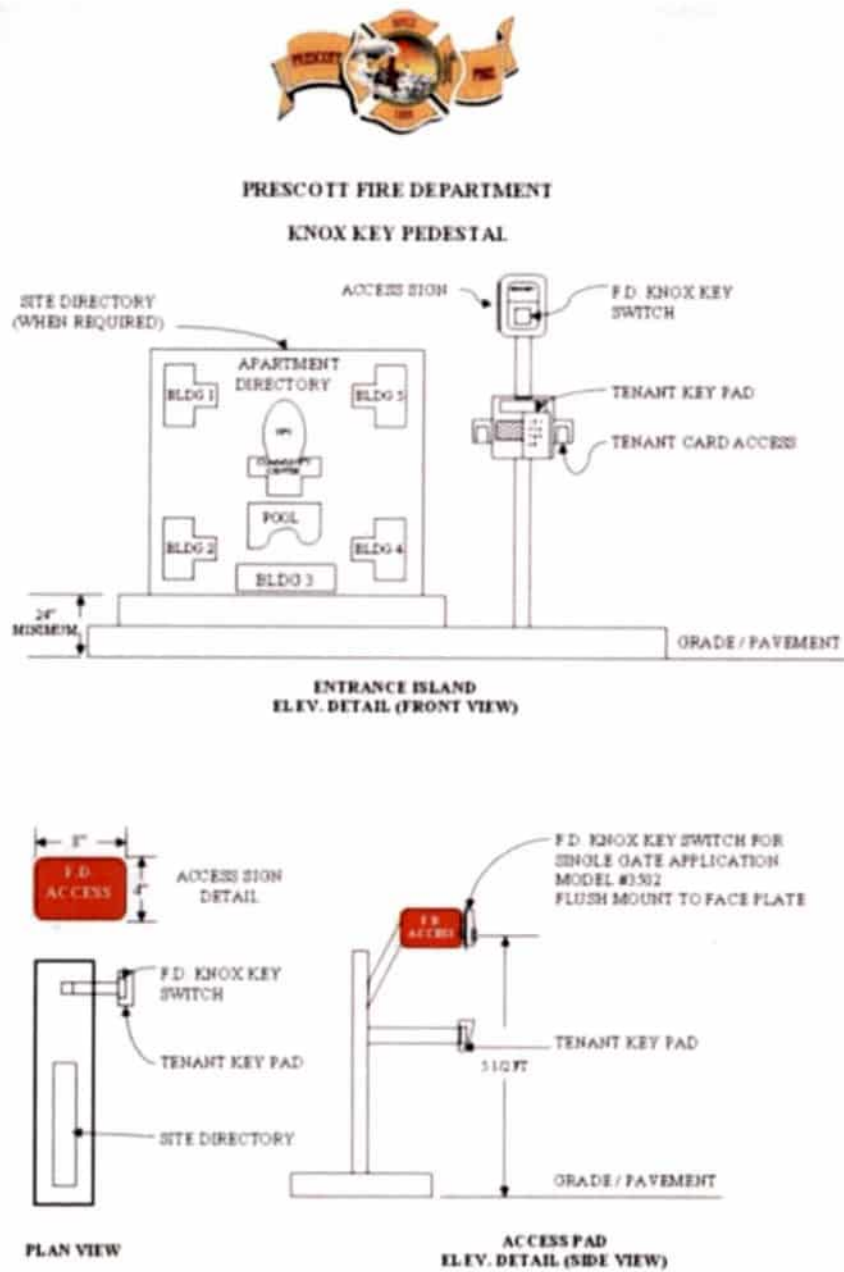


Figure P102 FD Access Exhibit