

Pinetop Fire District

Amendments to the 2024 International Fire Code

**Designated as public record in: Pinetop Fire Districts Fire Marshals
Office & the Pinetop Fire District Website**

Resolution:

Adopted:

Effective:



Pinetop Fire District

2024 International Fire Code Amendments

For the purposes of this amendment, only the items listed below are affected by changes to the 2024 IFC. All other verbiage in the code shall remain as written in the original publication of the 4th edition of the 2024 International Fire Code with all Fire Code Errata as published.

The International Fire Code (IFC) 2024 Edition is hereby replacing the 2018 version of the IFC adopted by the Pinetop Fire District Board for the purpose of establishing minimum requirements consistent with nationally recognized good practice for providing a reasonable level of life safety protection from the hazards of fire, explosion, or dangerous conditions in new and existing buildings, structures, and premises.

The International Fire Code, as adopted and amended herein, shall be enforced by the Fire Marshal of the District, and shall be operated under the supervision of the Fire Chief.

The 2024 edition of the International Fire Code (2024 IFC) and the Pinetop Fire District Amendments shall be known as the “Pinetop Fire District Fire Code.”

The 2024 International Fire Code is hereby amended in the following respects:

CHAPTER 1 ADMINISTRATION

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

Section [A] 101.1. Is amended to read:

These regulations shall be known as the *Fire Code* of the Pinetop Fire District, hereinafter referred to as “this code.”

Section 101.2.1. It is amended to read: All appendices are to be adopted, including amendments to any appendices.

SECTION 102 APPLICABILITY

Amend Section 102.7.1 as follows:

[A] 102.7.1 Conflicts. Where conflicts occur between the provisions of this code and referenced codes and standards, the higher standard for the promotion of the safety and welfare of emergency responders and the public will apply.

SECTION 105.5.29

Amend section 105.5.29 Lithium batteries as follows:

An operational permit is required for any accumulation of 5-15 cubic feet of lithium-ion and lithium metal batteries, where required by Section 320.2. No more than 15 cubic feet of lithium-ion or lithium metal batteries may be stored in any one occupancy, site, or address.

- a. Where any commercial site or address has less than 1000 gpm at 20psi fire flow from the nearest hydrant, the storage or use of lithium-ion or lithium metal batteries greater than 5 cubic feet is prohibited.

Section 108 FEES

Amend Section 108.2 Schedule of permit fees as follows:

A fee for each permit shall be paid, as required, in accordance with the Pinetop Fire District fee schedule.

Section 112 MEANS OF APPEALS

Amend section 112.1 as follows:

[A] 112.1 General: Whenever an applicant disputes the application or interpretation of this code by staff, a written appeal may be filed with the fire chief within 14 calendar days.

1. The appeal will be heard by the fire chief or an authorized representative within 10 working days of the receipt of the appeal.
2. Adequate information shall be provided by the applicant on the Petition of Appeal to fully describe the condition(s) in question.

3. The fire chief shall consult with the *fire code official*, and/or an authorized representative as deemed appropriate, to provide additional information regarding the appeal.
4. The applicant may, but is not required to, meet with the fire chief or a designated representative to discuss the appeal.
5. If the appeal is denied, the applicant shall comply with the requirement(s) of the fire code or file an appeal with the Fire District Board within 30 calendar days from the date the appeal was denied.

Delete section 112.2 in its entirety

Delete section 112.3 in its entirety

Amend section 112.4 as follows:

[A] 112.4 Administration: The *fire code official* shall take action without delay in accordance with the decision of the fire chief.

SECTION 113 VIOLATIONS

Amend Section 113.4 Violation penalties as follows:

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 [CIVIL OFFENSE], punishable by a fine of not more than [\$2,500] dollars. Each day that a violation continues after due notice has been served shall be deemed a separate offense.

Add Section 113.5

[A] 113.5 Penalty to cover emergency response operations. If it is discovered that a previously identified code violation has gone uncorrected for a period exceeding 90 days from the recorded date, and said violation causes an event or contributes to the severity of an event that requires an emergency response, fees may be assessed to recoup the fire district's operational costs. Fees shall be in accordance with the adopted Pinetop Fire District Permit and Fee Schedule.

CHAPTER 2

DEFINITIONS

Occupancy Classification is amended as follows:

[BG] 203.7.1 Institutional Group I-1. The first sentence is amended to read: Institutional Group I-1 occupancies shall include buildings, structures, or portions thereof for more than 10 persons, excluding staff, who reside on a 24-hour basis in a supervised environment and receive custodial care.

[BG] 203.7.1.3 Six to 16 persons receiving custodial care. [BG] Six to 10 persons receiving custodial care. A facility housing not fewer than six and not more than 10 persons receiving custodial care shall be classified as Group R-4.

203.9.3 Residential Group R-3: Congregate living facilities (transient or non-transient) with 10 or fewer occupants.

203.9.4 Residential Group R-4: Residential Group R-4 shall include buildings, structures or portions thereof for more than five but not more than 10 persons, excluding staff, who reside on a 24-hour basis in a supervised residential environment and receive custodial care. Buildings of Group R-4 shall be classified as one of the occupancy conditions indicated below.

Driveway. It is added to read: Driveway. A vehicular ingress and egress route that serves no more than two buildings or structures, not including accessory structures, or more than five dwelling units.

Permit and fee schedule. Is added to read: Pinetop Fire District FIRE CODE PERMIT AND FEE SCHEDULE. A document adopted through resolution by the Pinetop Fire Board that details the scope, application, and values of all applicable fees charged by the Pinetop Fire District.

CHAPTER 3

General Requirements

Add section 304.1.1.1 as follows:

304.1.1.1 Valet trash services:

Valet trash services utilized in any occupancy with individual units or suites that open into a corridor or breezeway shall, at a minimum, comply with the requirements for R-2 occupancies as outlined in Appendix O.

Amend Section 307.2.1 Authorization as follows:

Open debris burning shall be prohibited within the Pinetop Fire District boundaries without first obtaining a burn permit from the Pinetop Fire District.

Amend Section 320.2 to read as follows:

Permits shall be required for an accumulation of 5-15 cubic feet of lithium-ion and lithium metal batteries, other than batteries listed in the exceptions to Section 322.1, as set forth in 105.5.29.

Chapter 9

FIRE PROTECTION SYSTEMS

SECTION 901

GENERAL

Amend Section 901.2 Construction documents by adding a second paragraph:

Automatic fire protection system hydraulic calculations shall be based on a curve that is 90 percent of the available water supply curve as determined by current flow test information. The fire code official shall witness all flow tests.

Section 901.4.2.1 Discontinuance of use is added to read:

All non-required fire protection systems shall be approved for discontinuance upon written approval of both the fire code official and the building official after inspection of the premises and system.

Section 901.6.3 Records. Is amended to read:

Records of all system inspections, tests and maintenance required by the referenced standards shall be maintained on the premises for a minimum of three years. All individuals or businesses performing inspections, tests or maintenance required by the referenced standards shall forward itemized reports of such work to the fire code official within 30 days of activity performed.

SECTION 903

AUTOMATIC SPRINKLER SYSTEMS

Section 903.2.8.4 Group R-3 or R-4 congregate residencies. Is ADDED to read:

Existing Group R-3 or R-4 congregate residencies shall be retrofitted with an *automatic fire sprinkler system* in accordance with Section 903.3.1.2 or 903.3.1.3 within 24 months of discovery or annexation into the Pinetop Fire District boundaries. Should a sprinkler system be deemed impractical due to issues such as water supply, infrastructure, or other factors (not cost), the Pinetop Fire District *fire code official* reserves the right to consider other life-safety alternatives to mitigate the risk of loss of life and property. Documentation must be provided by the property owner to show the need for this consideration.

Section 903.2.8.5 One and two-family dwellings. Is ADDED to read:

An *approved automatic fire sprinkler system* is recommended to be installed in all one and two-family dwellings that do not meet established fire flow per Appendix B of the 2024 IFC.

Section 903.2.13 Multiple Occupancy Structures. Is ADDED to read:

All new buildings or structures, exceeding 3,000 square feet, designated as a multiple tenant occupancy structure(s) (a strip mall, for example) shall have an *automatic fire sprinkler system* installed throughout. For existing buildings or structures where a change of occupancy occurs, separation requirements shall comply with Table 508.4 of the *International Building Code 2024* and Section 1103.5.5 of this code.

Section 903.3.2 Quick-response and residential sprinklers. Is amended to read:

Where *automatic sprinkler systems* are required by this code, quick-response or residential automatic sprinklers shall be installed in all of the following areas in accordance with Section 903.3.1 and their listings:

Throughout all spaces within a *smoke compartment* containing care recipient *sleeping units* in Group I-2 in accordance with the *International Building Code*.

Throughout all spaces within a *smoke compartment* containing gas fireplace appliances and decorative gas appliances in Group I-2 in accordance with the *International Building Code*.

Throughout all spaces within a *smoke compartment* containing treatment rooms in ambulatory care facilities.

Dwelling units and *sleeping units* in Group I-1 and R occupancies.
Light-hazard occupancies as defined in NFPA 13.

Exception: R occupancies recognized and defined as single-family detached residential structures, and not recognized as R1, R2, R3, or R4 occupancies, and in compliance with ARS 8-907

SECTION 907

FIRE ALARM AND DETECTION SYSTEMS

Section 907.2.3 Group E. Is AMENDED to read:

An automatic fire alarm system (to include detection and initiation devices) that initiates the occupant notification signal utilizing an emergency voice/alarm communication system meeting the requirements of Section 907.5.2.2 and installed in accordance with Section 907.6 shall be installed in Group E occupancies. Where *automatic sprinkler systems* or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system.

Exception #2 shall remain; all others shall be removed entirely.

Section 907.2.6 Group I. Is AMENDED to read:

An automatic fire alarm system (to include detection and initiation devices) that activates the occupant notifications system in accordance with Section 907.5 shall be installed in all new Group I occupancies.

Section 907.2.7 Group M. Is AMENDED to read:

An automatic fire alarm system (to include detection and initiation devices) that activates the occupant notifications system in accordance with Section 907.5 shall be installed in all new Group M occupancies where the occupant load of the fire area is greater than 50 people.

Section 912

Fire Department Connections

Amend Section 912.2 as follows:

912.2 Location. Fire department connections shall be located a maximum of one hundred (100) feet from the nearest fire hydrant. With respect to hydrants, driveways, buildings, and landscaping, fire department connections shall be located so that fire apparatus and hose used to supply the system will not obstruct access to the buildings for other fire apparatus. The fire code official shall approve the location of fire department connections.

Add Section 916.10.1:

916.10.1 Fire alarm system connections for insulated liquid carbon dioxide systems used in beverage dispensing applications. Where applicable, insulated liquid carbon dioxide systems with more than 100 pounds (45.4 kg) of carbon dioxide used in beverage dispensing applications shall be connected to the building fire alarm system in accordance with the manufacturer's specifications. Existing systems shall be upgraded within 12 months of identification and evaluation.

CHAPTER 11

CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

Section 1103

Fire Safety Requirements for Existing Buildings

Section 1103.5.6 Fire area increase is ADDED to read:

Buildings or residential occupancies, other than single family detached homes, where the additional square footage is added and the fire flow requirement(s), as per Appendix B, was not or cannot be met prior to the additional new square footage, the additional construction shall meet current code in such ways as to comply with all the fire code requirements, including fire flow requirements as set forth in Appendix B of this code.

APPENDIX B

FIRE-FLOW REQUIREMENTS FOR BUILDINGS

Section B105

Fire-Flow Requirements for Buildings

Section B105.1.1 – One and two-family dwellings, Group R-3 and R-4 buildings, and townhouses. Is added to read:

One and two-family dwellings, Group R-3 and R-4 buildings, and townhouses constructed that do not meet the fire-flow requirements as specified in Tables B105.1(1) and B105.1(2) shall be equipped with an *approved automatic fire sprinkler system*.

APPENDIX D

FIRE APPARATUS ACCESS ROADS

Section D103

Minimum Specifications

Section D103.5 Fire apparatus access road gates. Is AMENDED to read:

Item 1. Is amended to read:

The minimum gate width shall be 20 feet (6,096mm) when serving two or more directions, or 14 feet (4,267mm) when serving a single direction.

Item 5. Is amended to read:

All electric gates shall be equipped with and have installed, approved pre-emptive control opening equipment and key switch compatible with the Pinetop Fire District's existing system. Electric gates serving five or fewer single-family dwelling units may utilize an approved switch only.

Item 9. Is amended to read:

Existing electric gates shall be retrofitted with pre-emptive control opening equipment and key switch in accordance with this section upon discovery or annexation into the Pinetop Fire District boundaries. Compliance with this section shall be completed in a time schedule approved by the fire code official.

Section D103.6 Signs. Is amended to read:

Where required by the fire code official, the fire apparatus access roads shall be marked with permanent NO PARKING - FIRE LANE signs complying with Pinetop Fire District's standards. Signs shall have a minimum dimension of 12 inches (305mm) wide by 18 inches (457mm) high and have red letters on a white reflective background. Signs shall be posted on one or both sides of the fire apparatus access road as required by Section D103.6.1 through D103.6.2.

Section D103.6.2 Roads more than 26 feet in width. Is amended by adding a second paragraph:

Where parking lanes are provided, they shall have a minimum dimension of 8 feet (2,438mm) in width, measured from the back of a wedge or rolled curb, or from the face of a vertical curb.