

Pinetop Fire District

**Amendments to the International Fire
Code 2018 Edition**

**Designated as Public Record In:
Pinetop Fire District's Fire Marshal's Office & PFD
Website**

**Resolution 2022-02
Adopted June 20, 2022
Effective August 1, 2022**



THE 2018 INTERNATIONAL FIRE CODE IS HEREBY AMENDED IN THE FOLLOWING RESPECTS:

Chapter 1 ADMINISTRATION

SECTION 101 SCOPE AND GENERAL REQUIREMENTS

Section 101.1 Title. Is amended to read:

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

Section 101.2.1 Appendices. Is amended to read:

All appendices are to be adopted, including amendments to any appendices.

SECTION 106 FEES

Section 106.2 Schedule of permit fees. Is amended to read:

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

Section 110.4 Violation penalties. Is amended to read:

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 [\$2500] dollars. Each day that a violation continues after notice has been served shall be deemed a separate offense.

CHAPTER 2 DEFINITIONS

Driveway. Is added to read:

A vehicular ingress and egress route that serves no more than two buildings or

structures, not including accessory structures, or no more than five dwelling units.

Institutional Group I-1. The first sentence is amended to read:

This occupancy shall include buildings, structures, or parts thereof for more than 10 persons who reside on a 24-hour basis in a supervised environment and receive custodial care.

Institutional Group I-1, Six to Sixteen persons receiving care. Is amended to read:

A facility such as above, housing at least six and not more than 10 persons receiving such care, shall be classified as Group R-4.

CHAPTER 5 FIRE SERVICE FEATURES

SECTION 507 FIRE PROTECTION WATER SUPPLIES

Section 507.5.4 Obstruction. Is amended by adding a second paragraph:

Vehicles shall not be placed, parked, or kept within 15 feet (4,572 mm) of a fire hydrant.

CHAPTER 9 FIRE PROTECTION AND LIFE SAFETY SYSTEMS

SECTION 901 GENERAL

Section 901.2 Construction Documents. Is amended by adding a second paragraph:

Automatic fire protection system hydraulic calculations shall be based upon 90 percent of the available water supply as determined by the local water purveyor or flow test information.

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 901.4.6 Pump and riser room size.

Fire pump and automatic sprinkler system riser rooms shall be located in a dedicated room and have a door directly accessible from the exterior of the building in new construction (any construction not to an existing structure). New automatic sprinkler systems that are installed in existing buildings are to have the riser room located within 100 feet of a door leading to the exterior of the building. The room shall be designed with adequate space for all equipment necessary for the installation, as defined by the manufacturer, with sufficient working space around the stationary equipment. Clearances around the equipment to elements of permanent construction, including other installed equipment and appliances, shall be sufficient to allow for inspection, service, repair, or replacement without removing such elements of permanent construction or disabling the function of a required fire-resistance-rated assembly. Fire pumps and automatic sprinkler system riser rooms shall be provided with a door(s) and an unobstructed passageway large enough to allow for the removal of the largest piece of equipment.

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 Where required. Is amended to read:

Approved automatic sprinkler systems shall be installed in all new Group A occupancies.

Exception: Spaces or areas that meet the requirements or criteria of a Business Group B occupancy as defined per the *2018 International Building Code*, Section 303.1.1 and 303.1.2.

Section 903.2.8.5 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 903.1.2 or 903.1.3 within 24 months of discovery or annexation into Pinetop Fire District boundaries.

Section 903.2.8.6 One and two-family dwellings. Is added to read:

An *approved* automatic fire sprinkler system shall be installed in all one and two-family dwellings.

Exceptions:

1. One and two-family dwellings being constructed in an approved, platted, subdivision with an approved fire flow per Appendix B of this code; or,
2. Any one and two-family dwelling constructed on a single parcel where the requirements of Appendix B and Appendix D of this code are met; or,

3. Meet the requirements as specified in NFPA 1142 as well as the requirements of *Detection and Notification* per Section 907.2.10.2 and *Monitoring* per Section 907.6.6 of this code.

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 occupancy structure(s) (a strip mall, for example) shall have an automatic fire sprinkler system installed throughout. Existing buildings or structures, where a change of occupancy occurs, separation requirements shall comply with Table 508.4 of the *International Building Code 2018* and Section 1103.5.5 of this code.

Section 903.4.2.1 Water-flow notification devices. Is added to read:

An approved audible/visual notification appliance shall be installed in a normally occupied interior area of each building or each individual tenant space at the time of a tenant improvement. ADA restrooms within the same area shall have a visual notification appliance located within the room. Such fire sprinkler water flow notification devices shall be activated by the water flow of a single fire sprinkler of the smallest size installed in the system. This section will be retroactive as deemed necessary by the *fire code* or *building official*.

SECTION 905 DRY STANDPIPES

Section 905.8 Dry standpipes. Is amended to read:

When required by the fire code official, dry standpipes shall be installed when fire apparatus access roads do not meet the requirements as outlined in Appendix D.

SECTION 907 FIRE ALARM AND DETECTION SYSTEMS

Section 907.2.1 Group A. 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 A occupancies.

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.

Exception #2 shall remain, all others to 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.

Exception #1 to be removed.

**SECTION 912
FIRE DEPARTMENT CONNECTIONS**

Section 912.2 Locations. Is amended to read:

With respect to hydrants, driveways, buildings, and landscaping, fire department connections shall be so located that the fire apparatus and hose connected to the water supply system will not obstruct access to the buildings for other fire apparatus. The location of fire department connections shall be approved by the fire chief, or their designated fire code official.

**CHAPTER 11
CONSTRUCTION REQUIREMENTS FOR
EXISTING BUILDINGS**

**SECTION 1103
FIRE SAFETY REQUIREMENTS FOR EXISTING BUILDINGS**

Section 1103.5.5 Fire area increase. Is added to read:

Buildings or residential occupancies 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 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. Single family residences (as built per the IRC), where the fire flow requirements listed in Appendix B of this code are unachievable, will be subject to the requirements as set forth in *NFPA 1142*.

**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 fire-flow requirements as specified in Tables B105.1(1) and B105.1(2) shall be equipped with an approved automatic fire sprinkler system.

Exception:

Building or structures constructed per Section 903.2.8.6 One and two-family dwellings.

APPENDIX D FIRE APPARATUS ACCESS ROADS

SECTION D103 MINIMUM SPECIFICATIONS

Section D103.1.1 Driveways. Is added to read:

Driveways exceeding 150 feet (45,720 mm) in length providing access to single family dwelling units shall provide a minimum unobstructed width of 14 feet (4,267 mm) and a minimum unobstructed height of 13 feet 6 inches (4,115 mm). Driveways in excess of 150 feet (45,720 mm) in length shall provide turnarounds. Driveways in excess of 200 feet (60,960 mm) in length and less than 20 feet (6,096 mm) shall provide turnouts in addition to turnarounds. Driveway turnouts shall be an all-weather road surface at least 10 feet (3,048 mm) wide and 30 feet (9,144 mm) long. Driveway turnouts shall be located as required by the *fire code official*. Driveway turnarounds shall have an inside turning radius of not less than 30 feet (9,144 mm) and an outside turning radius of not less than 45 feet (13,716 mm). Driveways that connect with a road or roads at more than one point may be considered as having a turnaround if all changes in direction meet the radius requirements for driveway turnarounds. A driveway shall not serve in excess of five dwelling units.

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 (6,096 mm) when serving two or more directions, or 14 feet (4,267 mm) 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 a key switch compatible with the Pinetop Fire Districts existing system. Electric gates serving five or less single-family dwelling units may utilize an approved switch only.

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* standards. Signs shall have a minimum dimension of 12 inches (305 mm) wide by 18 inches (457 mm) high and have red letters on 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 (2,438 mm) in width, measured from the back of a wedge or rolled curb, or from the face of a vertical curb.