



## **FORT MOJAVE MESA FIRE DEPARTMENT**

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# **NOTICE OF PUBLIC HEARING FIRE CODE AMENDMENT January 17<sup>th</sup>, 2023**

**NOTICE IS HEREBY GIVEN** that the Fort Mojave Mesa Fire District will hold a public hearing at its regularly scheduled meeting on January 17, 2023, at Station 92, 1920 E. Camp Mohave Rd, Fort Mohave, Arizona, at 3:00 p.m. for the purpose of considering the replacement of the current 2012 version of the International Fire Code with the 2018 version of the International Fire Code, together with certain appendices and amendments thereto, as further described in the proposed Resolution No. 2023-001, a copy of which is attached hereto as Exhibit "A", thereby replacing the 2012 International Fire Code with the 2018 International Fire Code, as described in Resolution No. 2023-001.

A copy of the amended Fire Code, and the related appendices and amendments thereto are available for inspection at the District Office located at 2230 Joy Lane, Fort Mohave, AZ.

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Fort Mojave Mesa Fire District  
Governing Board  
2230 Joy Lane  
Fort Mohave Mesa, AZ 86426

RESOLUTION 2023-001

A Resolution of the Fort Mojave Mesa Fire District Board, amending and restating its existing 2012 International Fire Code so as to incorporate the 2018 International Fire Code provisions and to include certain additional appendices and amendments thereto attached, prescribing regulations governing conditions hazardous to life and property from fire or explosion, providing for the issuance of permits and collection of fees, and establishing a Bureau of Fire Prevention and providing officers thereof and defining their powers and duties, therefore repealing all other resolutions and parts of the resolutions in conflict therewith.

SECTION 1

A. Adoption of the International Fire Code & Standards:

- (1) The Fort Mojave Mesa Fire District Board hereby amends and restates its existing 2012 International Fire Code to adopt and integrate as a complete restatement the terms and provisions of the code entitled “The International Fire Code”, 2018 Edition, published by the International Code Council, including the following Standards and Appendices:

Appendix B – Fire Flow Requirements for Buildings

Appendix C – Fire Hydrant Locations and Distribution

Appendix D – Fire Apparatus Access Roads

Appendix E – Hazard Categories

Appendix F – Hazard Ranking

Appendix H – Hazardous Materials Management Plan (HMMP) and Hazardous Materials Inventory Statement (HMIS) Instructions

Appendix I – Fire Protection Systems – Noncompliant Conditions

Appendix J – Building Information Sign

Appendix O – Fort Mojave Mesa Fire District Standard for Fire Hydrant Installation

- (2) This amendment integrates the codes and standards described in paragraph (1) and is adopted for the purpose of providing regulations governing conditions hazardous to life and property from fire and explosion.
- (3) Three (3) copies of said International Fire Code, 2012 Edition, shall remain on file and available for public inspection in the Fire Prevention Bureau.

B. Establishment and duties of the Fire Prevention Bureau:

- (1) The newly restated 2018 International Fire Code, as further amended, shall be enforced by the Fort Mojave Mesa Fire District Fire Prevention Bureau, which is hereby established and which shall be operated under the supervision of the Chief of the District.
- (2) The Officer in charge of the Fire Prevention Bureau shall be appointed by the Fire Chief.
- (3) The Chief of the District may detail such members of the District as inspectors as shall, from time to time, be necessary.
- (4) Fort Mojave Mesa Fire District Prevention Bureau will not enforce any part of the adopted Fire Code that violates Arizona State Law.

C. Definitions: Wherever the word “jurisdiction” is used in the International Fire Code, it is the Fort Mojave Mesa Fire District.

- D. Fire lanes on private property.
- (1) In addition to the provisions of Section 503 of the International Fire Code, the Fire Chief may require designated fire lanes to provide access for the fire suppression operations by the use of an improved public street, areaway, private lot, driveway or roadway to existing structures under this section.
- E. A fire lane is a designated area, parking lot, driveway or roadway or portion thereof that shall be:
- (1) Designated or approved by the Fire Chief or the Fire Chief's appointee.
  - (2) Marked with standard signs and other markers as approved by the Fire Chief or the Fire Chief's appointee. The expense and installation of the signs shall be the responsibility of the property owner. The property owner shall also be responsible for maintaining and/or replacing the fire lane signs when they become damaged or faded.
  - (3) Maintained clear of obstructions its entire length.
  - (4) No person shall park a motor vehicle on or otherwise obstruct any fire lane except as may be specifically permitted by the Fire Chief or the Fire Chief's appointee. Any violation of this paragraph is in violation of a Class 1 Misdemeanor as provided in the ARS 28-873.
  - (5) Any vehicle obstructing a fire lane may be towed away at the expense of the owner.
  - (6) Fire lanes shall be provided for all structures when required by the Fire Chief or the Fire Chief's appointee and must meet the following specifications:
    - a) Shall meet the requirements set forth in Section 503.
    - b) A maximum of ten (10) percent gradient ten (10) feet in one hundred (100) feet.
    - c) A minimum of (45) forty-five feet outside radius on curves.
- F. The specific requirements of this section may be modified by the Fire Chief or the Fire Chief's appointee in recognition of varying occupancies, sizes and hazards of buildings and the provision of other means of access or fixed fire protection.
- G. Except as provided in paragraph E (4), any violation of this section or of an order of the Fire Chief or the Fire Chief's appointee issued pursuant to this section constitutes a misdemeanor.

## SECTION 2

Any person who violates any provision of this resolution or of the codes adopted by this resolution shall be punished by a fine not exceeding One Thousand Dollars (\$1,000) or by imprisonment in jail for not more than six (6) months, or by both such fine and imprisonment at the discretion of the courts. Each day any violation continues shall constitute a separate offense.

NOW THEREFORE, BE IT RESOLVED, that this Resolution to amend and restate in its entirety the current 2012 version of the International Fire Code to integrate the 2018 International Fire Code with additional amendments shall be effective \_\_\_\_\_, 2023.

APPROVED AND ADOPTED this \_\_\_\_ day of \_\_\_\_\_, 2023 by the Fort Mojave Mesa Fire District Board.

\_\_\_\_\_, Board Chairman

\_\_\_\_\_, Board Clerk

**Appendix O** is added as follows:

## **Appendix O**

### **Fire Hydrant Installation**

An approved water supply capable of supplying required fire flow for fire protection shall be provided to all premises upon which buildings or portions of buildings are hereafter constructed. When any portion of the building protected is in excess of 400 feet from a water supply on a public street, there shall be provided, when required by the Chief, on-site fire hydrants and mains capable of supplying the required fire flow.

- 1) Paved access to fire hydrants of at least twenty (20) feet in width, twenty-six (26) feet in width at the fire hydrant, shall be provided and maintained to accommodate firefighting apparatus.
  - a) When fire protection facilities are to be installed by the developer, such facilities including all surface access roads shall be installed and made serviceable prior to and during the time of construction.
  - b) Fire hydrants shall be installed in approved locations per specifications, with a spacing of 600 feet and a minimum flow of 1,000 gpm @ 20 psi for residential developments and a spacing of 300 feet with a minimum flow of 1,000 gpm @ 20 psi for multiple family and commercial developments.
- 2) The fire hydrants shall be the manufacturer's latest and best design, conforming to the latest issue of A.W.W.A. specifications C-502, and the specifications within. These types of hydrants are the most economical to install and maintain that meet our specifications. Variations from these four types will only be allowed if the fire hydrants are approved by the Fire Chief and meet the above requirements.
- 3) It shall be the responsibility of the owner, developer, job superintendent or general contractor of the project to ensure that the 2018 IFC as adopted by the Fort Mojave Mesa Fire District is being followed for the installation of each hydrant.

This is to ensure that the center of the hydrant is located within 18 inches of back of sidewalk, if applicable, and that the break-away flange of the hydrant is to be at level, maximum 4 inches above sidewalk or finish grade and 2 ½ inches above concrete ring.

Hydrant shall be installed per Fort Mojave Mesa Fire District Specifications and all necessary inspections made.

- 4) The allowable distances between the above grade flange and the finish grade shall be four (4) inches maximum. The flange shall be a minimum of two and one half (2 ½) inches above the concrete ring.
- 5) The outside of the hydrant top section shall be painted a minimum of one coat primer and two finish coats of federal safety yellow enamel.
- 6) Both the operating nut and the nozzle cap nuts shall be National Standard pentagon in shape and measure 1 ½ inches from point to flat at the base of the nut. Nozzle caps shall be provided with rubber gaskets and retaining chains.
- 7) Hydrants shall have 2 ½ inch (ODM-3.0686 and a TPI of 7) inside diameter hose nozzles with National Standard fire hose coupling threads and one 4 ½ inch (ODM-5.7609 and a TPI of 4) inside diameter pumper nozzle with National Standard fire hose coupling screw threads.
- 8) Main valve opening shall have a minimum diameter of 5 ¼ inches to assure optimum flow.
- 9) Broken rock or gravel will be compacted directly under the hydrant for drainage as per attached diagram.
- 10) The shoe of the hydrant shall be provided with a mechanical joint 6 inches in size and shall be epoxy lined.
- 11) The hydrant shall have not less than 6 inches diameter pipe size connection of PVC Schedule 200 or approved piping.
- 12) An epoxy lined gate valve shall be installed between the water main and the fire hydrant, bolted by flange to the tee, in order to facilitate hydrant repair without interruption of the water supply in the main.
- 13) The hydrant connection into an existing main shall be of the hot-tap style (without interrupting water supply in the main) using a stainless steel or case iron tapping tee and a tapping valve with flange, as per attached detail.
- 14) Concrete thrust blocks, of appropriate size and a shape, shall be installed at all changes in direction or any point where pressure would exist, as per attached detail.

- 15) Street valve boxes shall have a concrete reinforcement ring installed around them at a grade level as per attached details.
- 16) All hydrant installations shall be open for inspection by the Fort Mojave Mesa Fire District. All hydrants must be inspected and approved by the respective water company and fire department representatives before any backfilling.
- 17) Permits are required and shall be obtained from the water company, planning and zoning, and the fire department. Applicable fees shall be paid to the individual organization.
- 18) Hydrants installed in a commercial area without curbing shall have guard posts installed to protect such hydrant if indicated by the department as per illustration #4. These posts are to be of 4 inch steel pipe positioned 3 feet from hydrant, so not to interfere with the connectors to any of the nozzles. These posts shall be cemented in the ground vertically, with a minimum of 36 inches exposed above grade level. The posts are to be filled with soil or concrete and capped with concrete. Upon cement curing, the posts shall be painted federal safety yellow for ease of visibility.
- 19) All hydrant barrels shall be reinforced with a concrete slab, 36 inches in diameter, or 36 inches square, 3 ½ inches in depth and installed close to grade level, at least 2 ½ inches below the flange as per illustration #5.
- 20) Contractors shall call Blue Stake for utilities location prior to any excavation.
- 21) If a hydrant or the plumbing thereto is installed within the following allowed distances of another utility, that utility will be contacted to inspect the same before backfill:
  - Gas – 6 inches
  - Telephone Communications – 1 inch
  - Electrical – 3 feet
  - Cable TV – only if damaged
- 22) The Fort Mojave Mesa Fire District has installed fire hydrants throughout the district in accordance with plan specifications. Due consideration has been given to existing or prior conditions. If changing conditions due to street upgrading or new site development should occur and necessitate the changing of hydrant grade or location, the person responsible for the required changes shall be liable for the required hydrant changes.

23) Insurance – all parties working within the County right of way shall comply with County current liability insurance requirements.

24) Applicable Permits – County, Utility and Fire Department requirements and fee schedules.

25) Inspections – All hydrants, thrust blocks and water mains shall be inspected by the franchised utility and fire department at the location of the hydrant prior to backfilling any excavation. Mohave County may inspect work done by the franchised utility and fire district as proof of compliance with County regulations.

26) Fees – all fees must be handled prior to Inspections. Fees will be posted on the Department fee schedule.