



EAST FORK FIRE PROTECTION DISTRICT

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EAST FORK FIRE PROTECTION DISTRICT **RESIDENTIAL FIRE PROTECTION REVIEW** **SUBMITTAL REQUIREMENTS AND COMPLIANCE OPTIONS**

With the adoption of Douglas County Code Ordinance (2022-1604), residential fire sprinklers systems are no longer required in residences less than 5,000 square feet and more than 1,000 feet from a fire hydrant.

However, water supply and access are still required for all new homes and both need to be submitted, evaluated, and approved by the East Fork Fire Protection District (EFFPD) prior to any new residence being built.

Below are the International Fire Code and NFPA requirements for submittal to EFFPD for a **Fire Protection Review** to determine the required firefighting water supply, based on Nevada Administrative Code (NAC) Section 477, and the International Fire Code (IFC) Sections 102.5 and B103.3.

Water supply for residential construction, in accordance with the requirements of IFC Section 102.5 (1), shall be calculated in accordance with NFPA 1142. NFPA 1142 water supply calculations are based on the cubic volume calculation of the *total building area*. This includes everything under a roof (including garages, covered entry and covered patios), based on construction type and additional buildings within 50 feet of the proposed residence. All residential plan submittals shall include the explanatory calculations detailed in NFPA 1142, Chapter 4 for verification and approval. These calculations shall be stamped by a licensed professional in the State of Nevada.

For properties in areas without an established water system, homeowners have the following options to meet the required water supply:

Option 1:

Voluntary installation of an approved National Fire Protection Association 13-D residential fire sprinkler system.

Option 2:

Installation and year-round maintenance of a water tank and devices installed in accordance with the National Fire Protection Association, Standards 1142 and 22. This shall include dedicated access to the tank, all piping, and fire district connections associated and all required construction and installation permits. Water supply shall be available prior to any combustible material being brought on site necessary for construction.

A Household Fire Alarm System in compliance with NFPA 72 shall be installed.

Option 3:

A one-time Water Supply Initiative Fee shall be paid to the East Fork Fire Protection District when choosing the Water Supply Initiative option. The fees generated under this option will only be used to support and maintain the District's ability to transport water to locations which fall under these requirements. Water supplies will be determined per NFPA 1142.

A Household Fire Alarm System in compliance with NFPA 72 shall be installed.

<u>Required Fire Flow to a project site:</u>	<u>Fee:</u>
0-5000 gallons	\$5,000
5001-7500 gallons	\$7,500
7501-10,000 gallons	\$10,000
10,001 gallons and greater	\$15,000

In accordance with Douglas County Code Title 20, homes greater than 5,000 square feet under roof, including garage areas, shall require a National Fire Protection Association 13-D Fire Sprinkler System to be installed.

Please contact the East Fork Fire Protection District Fire Prevention Division with any questions. We can be reached at (775) 782-9040