

Grizzly Flats Community Services District

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Fire Sprinkler Information Sheet

According to current building, fire, and residential codes, all new one- and two-family residential dwellings and manufactured homes built or moved into California are required to have automated fire sprinkler systems, which includes homes being rebuilt due to the Caldor Fire. The County of El Dorado reviews and approves the fire sprinkler designs to ensure they meet all applicable fire codes.

The Grizzly Flats Community Services District (GFCSD) water system was built prior to adoption of the new residential fire sprinkler codes, so water services were not built to accommodate the higher water demands of fire sprinkler systems. Many of the water service pipes are “shared” or “common,” whereby one water service pipe supplies water for two adjacent lots. Also, the existing water meters may not be large enough for the higher water demands that residential fire sprinklers require.

As residents rebuild, there are at least two options to meet the new fire codes. Should residents find the existing water service to their property is too small or limiting for a fire sprinkler system, they can either choose to install a privately owned fire tank and pump system, or increase the capacity of their water service by replacing the water service (from the water main in the street to the property line) and water meter. GFCSD recommends that property owners consult with a fire sprinkler designer to determine the best option for their individual needs.

It is important for the fire sprinkler designer to first contact GFCSD, to determine the specific conditions at each property to accurately determine the cost of each option. If you are building, or planning to build, please request that your architect or fire sprinkler designer contact GFCSD to request a site review by GFCSD staff to collect information for the fire sprinkler design. GFCSD staff will provide the following information for the fire sprinkler design and County Building Department review:

- Size of the water service pipe
- Whether the water service pipe supplies one or two properties (shared or common)
- Design water pressure at the water main
- Size and condition of the water meter
- Location of the water main in the street (to determine the length of service pipe from the main to the meter)

GFCSD will provide a written response with the information listed above to the applicant, for the architect or fire sprinkler designer to include in their plan submittal to the County Building Department for approval. A fee of \$150.00 is required to perform a site review and written response.

If you have any questions, please contact GFCSD at (530) 622-9626.