**INFORMATIONAL BULLETIN: 2022-003**
*APPROVED BY: C. Kodat, Fire Marshal, 1/1/2023*

## REQUIREMENTS FOR FIRE HYDRANTS

**Riverside Municipal Code Chapter 16.32 and 2022 California Fire Code, Appendix C**

**Definitions:**

Standard fire hydrant - shall consist of one 2 ½ inch outlet and one 4-inch outlet, wet barrel.

Super fire hydrant - shall consist of two 2 ½ inch outlets and one 4-inch outlet, wet barrel.

Public fire hydrant - a valve connection on a water supply system having one or more outlets and that is used to supply hose and fire department pumpers with water.

Private fire hydrant - a valve connection on a water supply system having one or more outlets and that is used to supply hose and fire department pumpers with water on private property.

**Policy:**

Any construction project requiring a fire flow of 1500 gallons per minute or less shall be required to have standard fire hydrants installed.

A fire flow requirement of more than 1500 gallons per minute will require the installation of super fire hydrants.

Public fire hydrants shall be spaced a maximum of 350 feet apart.

When any portion of the building protected and is in excess of 350 feet from a public fire hydrant as measured by an approved route around the exterior of the building, there shall be provided, on-site fire hydrants and mains capable of supplying the required fire flow.

Private fire hydrants shall be spaced according to the 2022 California Fire Code, Appendix C.

Single family residences equipped with fire sprinklers shall have fire hydrants spaced a maximum of 500 feet apart, dead end streets or roads shall not exceed 400 feet from the end of the street or road.

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A 10% spacing adjustment is allowed when approved by the Fire Marshal.

**Hydrant Markings:**

Class AA 2000 GPM + are to have Green Tops and Caps

Class A 1000-1999 are to have a Green Top

Class B 500-999 GPM are to have a Orange Top

Class C less than 500 GPM are to have a Red Top

Blue reflective markers are required for private and public fire hydrants.

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