



Fire Hydrants

Information for Sunnyvale Developers and Building Owners

Public Hydrants:

Location – Not more than 300 feet apart (residential and commercial).

Model – Clow Valve Company Model 865 equipped with two 4-1/2 inch outlets and one 2-1/2 inch outlet when connected to a 10- or 12-inch water main. Clow Valve Company Model 75 when connected to 8-inch or smaller water mains. Please coordinate with Water Department staff to ensure adequate pressure.

Color – Municipal hydrants shall have a white body with top painted an approved color based on the rated flow capacity of the hydrant in accordance with NFPA 291.

Blue Dot – A blue reflective dot shall be placed in the middle of the roadway directly in front of the fire hydrant.
(16.52.210 SMC)

Landscaping – No landscaping within 3 feet around the circumference. (508.5.5 CFC)

Private Onsite Hydrants:

Location – Not more than 300 feet apart from other onsite hydrants.

Model – Clow Valve Company Model 865 equipped with two 4-1/2 inch outlets and one 2-1/2 inch outlet when connected to a water main having a diameter of 8 inches or greater. Clow Valve Company Model 75 when connected to 6-inch or smaller water mains. Please coordinate with Water Department staff to ensure adequate pressure.

Color – Safety yellow. (16.52.210 SMC)

Blue Dot – A blue reflective dot shall be placed in the middle of the roadway directly in front of the fire hydrant.
(16.52.210 SMC)

Landscaping – No landscaping within 3 feet around the circumference. (508.5.5 CFC)

Testing and Maintenance – All onsite fire hydrants are required to be serviced annually. It is the owner's responsibility to ensure that each onsite hydrant is annually:

1. opened fully and flowed until the water runs clear for at least one minute,
2. checked for leaks and damaged threads, and
3. lubricated at cap threads and hydrant stem

Additionally, all fire hydrants are required to be flow tested by a state-licensed contractor at least once every five (5) years.

Record of the 5-year service tests shall be submitted electronically to the Department of Public Safety via The Compliance Engine (<http://www.thecomplianceengine.com>) and a copy shall be maintained onsite by the owner and/or occupant and made readily available for inspection/review.

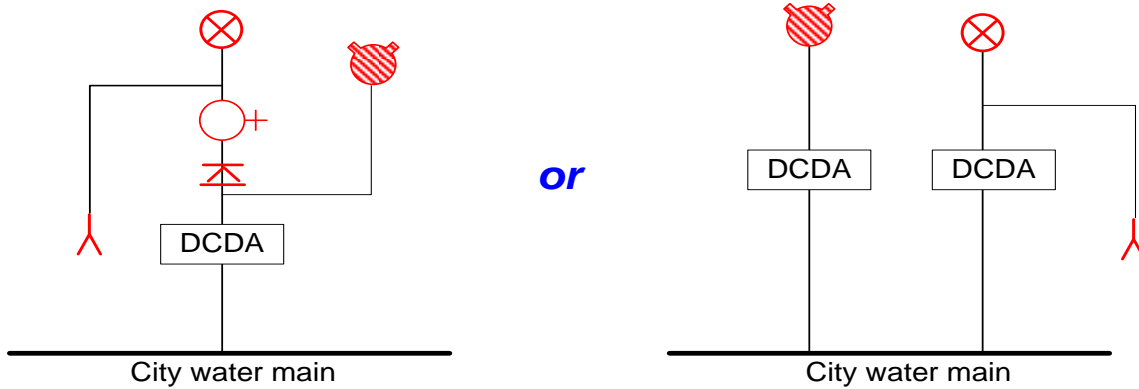
Onsite fire hydrants from one private property will not be allowed to serve as a fire hydrant for a separate private property, unless an easement is established.

FDC/Hydrant Location:

Fire hydrants are required to be located within 50 feet of the Fire Department Connection (FDC) and on the same side of the street.

Acceptable Hydrant Configurations

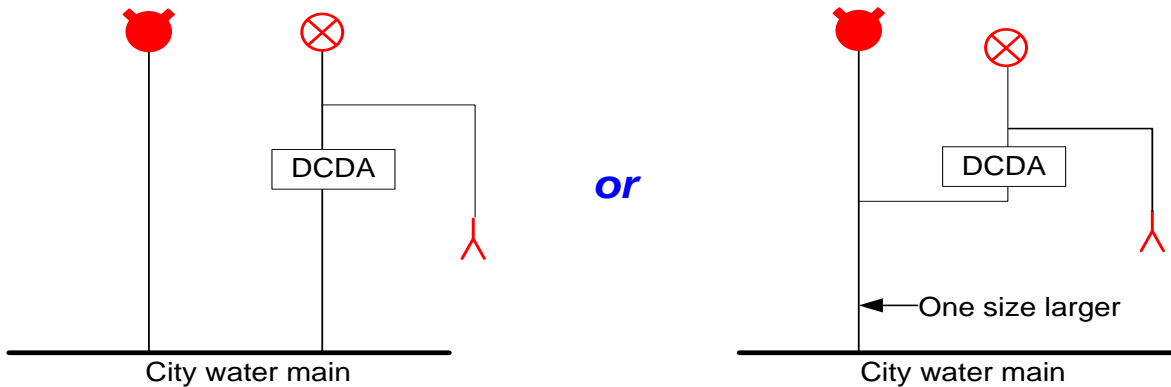
PRIVATE FIRE HYDRANTS



PUBLIC FIRE HYDRANTS

Preferred method

Alternate method with approval



LEGEND

	City Hydrant		Double Check Detector Assembly
	Onsite Hydrant		FDC
	Sprinkler Riser		Check Valve
	PIV		