



HYDRANT REQUIREMENTS

**City of Imperial
Imperial Fire Department**

420 South Imperial Avenue
Imperial, CA 92251
Phone (760)355-4373 / Fax (360) 355-4718

1. Fire hydrant spacing shall be a minimum of 300 feet.
2. A six inch (6") pop-off riser and a six inch (6") main. Six inch (6") feeder main to be no longer than sixty (60') feet.
3. When fire protection facilities are required, such facilities, including all surface access roadways, shall be installed and made service able prior to and during the time of construction.
4. Fire hydrants are to be located within five (5') feet from the curb. A four (4") inch discharge shall be placed at a 90 degree angle to the curb. Hydrants are to be set plumb, with the four (4") inch outlet centered at eighteen (18") inches above the grade or ground, whichever is higher.
5. There shall be a minimum of a three (3') feet clearance, to any obstruction, around the circumference of the hydrant(s).
6. Fire hydrants shall be constructed of brass materials only as specified in ANSI /AWWA c503-82. Sections 2.6 and 2.9. Jones model #3765 is the approved type and size. An equivalent make & model may be approved if all requirements are met.
7. Fire hydrants shall be of the wet barrel six (6) bolt flange type, with separate valves for each discharge port. Hydrants shall have a minimum of 1 four (4") inch steamer discharge port and two (2 ½") discharge ports.
8. All fire hydrants shall be on a looped waterline except in cul-de-sacs. These installations shall be approved by the Fire Marshal.
9. Feeder water mains shall be capable of providing the calculated fire flow as required in CFC Appendix Table A-III-A-1. When these fire flows are unable to be met, other fire protection systems shall be installed and approved by the Fire Marshal.
10. When any portion(s) of a building is in excess of 150 feet from a public water supply, as measured by an approved route, on-site hydrants will be required by the Fire Marshal.
11. No existing hydrants will be allowed for new projects when they are placed on opposite side arterial streets, median dividers, or streets with four (4) or more lanes.
12. Fire hydrants shall be painted safety yellow upon installation. When hydrants are not operable, barrier safety tape or an approved type of barrier will be used to distinguish these non-operable hydrants. All hydrant street valves shall be fully opened when hydrants are installed and operating.
13. Fire hydrants are to be identified by the installation of blue street reflective markers.
14. When fire protection systems are installed, a fire hydrant is to be within fifty (50') of the Fire Department Connection (FDC). When a public fire hydrant is not available, one will need to be installed.



HYDRANT REQUIREMENTS

City of Imperial
Imperial Fire Department

420 South Imperial Avenue
Imperial, CA 92251
Phone (760)355-4373 / Fax (360) 355-4718

15. Fire hydrants shall have red curbing, fifteen (15') feet on either side of the fire hydrant as per 22514 of the California Vehicle Code. Fire hydrants in cul-de-sacs shall be installed at the shoulder of the cul-de-sac.

16. Fire hydrants shall be protected when in a public way by bollards. Bollards shall be constructed with a standard six (6") inch diameter pipe filled with concrete. Anchored to a minimum of 24 inches below grade or ground surface. Minimum clearance from a hydrant shall be as stated in req. #5