

Fire Prevention Division**Guideline No. 10.004****January 13, 1992****RESIDENTIAL AND COMMERCIAL HYDRANT LOCATIONS****A. Scope and Purpose**

Establishes location, and spacing of fire hydrants at residential and commercial locations. This guideline also establishes the type of connections permitted on a fire hydrant.

B. Code Authority

International Fire Code sections 102 and 508.

C. Special Provisions

1. Fire hydrants shall be located as noted below:
 - a. Residential
 - 1) Six-hundred (600') feet maximum spacing.
 - 2) Not more than three-hundred (300') feet from a building lot.
 - b. Commercial
 - 1) Three-hundred (300') feet maximum spacing.
 - 2) Located no closer than fifty (50') feet to the building and no further than one-hundred-fifty (150') feet from the building.

*All measurements shall be made as vehicular travel distance.
2. Flush type hydrants are prohibited, except upon specific approval of the Fire Prevention Division.
3. Fire hydrants shall have a minimum six (6") inch barrel, and shall have a minimum of two (2) 2-1/2 inch outlets and one (1) 4 inch minimum pumper port with a Stortz connection.
4. All hydrants shall be located between eighteen (18") and one-hundred-twenty (120") inches from the edge of the roadway surface.
5. Fire hydrants shall stand plumb and be set to the finished grade. The bottom of the lowest outlet of the fire hydrants shall be not less than eighteen (18") inches above finished grade.
6. Hydrants shall not be obstructed by any structure or vegetation, nor shall the visibility of the hydrant be impaired for a distance of fifty (50') feet in the direction of vehicular approach to the fire hydrant.
7. There shall be thirty-six (36") inches of clear area around the hydrant to allow for operation of a hydrant wrench on the outlets and on the control valve.
8. The pumper port shall face the street. Where the street cannot be clearly defined or recognized, the port shall face the most likely route of approach and location of the fire apparatus while pumping.
9. At construction locations, all required fire hydrants shall be installed and in operation prior to combustible construction beginning on site.
- I. At construction locations, all required fire hydrants shall be installed and in operation prior to combustible construction beginning on site.