



Kerrville Fire Marshal

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Section 6

Fire Hydrants

These guidelines are to be followed when a building, facility, residential subdivision, or multi-family dwelling units, within the City of Kerrville, is required to provide approved fire hydrants.

All fire hydrant criteria for the purposes of these guidelines and any other guidelines or requirements of the Fire Marshal shall conform to the *International Fire Code* as adopted and amended by the City of Kerrville and the *City of Kerrville Engineering Standards*.

This guide does not replace, nor supersede any codes and/or ordinances adopted by the City of Kerrville, or determinations and positions of the Fire Chief or Fire Marshal.

Water Supply

1. An approved water supply capable of supplying required fire flow for fire protection shall be provided to all buildings, as set forth in Appendix B of the *International Fire Code*.
2. Total Fire Flow requirements depend upon the type of construction and number of square feet.
3. Fire flow for one-and two-family dwellings, which do not exceed 3,600 square feet, shall be 1,000 gallons per minute. Fire flow and flow duration for dwellings having a fire area in excess of 3,600 square feet shall not be less than that specified in Appendix B of the *International Fire Code*.
4. In general, fire hydrants shall be located at each street intersection and at intervals on the interior of each block.
5. Fire Hydrants shall be within 25-feet of fire lane.
6. Fire Hydrants shall be required on the same side of the street that the building is being built upon, when the street is designated as a minor arterial or larger. All streets with median strips, regardless of size, shall have required fire hydrants on the same side of the street as the construction.
7. All required fire hydrants shall be in place and accepted before any construction continues above the slab.
8. A minimum of a three-foot (3') clear space shall be maintained around the circumference of all fire hydrants.
9. The location and number of fire hydrants connected to a water supply capable of delivering the required fire flow shall be provided as follows:
 - a. Where a portion of the facility or building hereafter constructed or moved into or within the City of Kerrville is more than 400 feet from a hydrant, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains shall be provided.
10. A fire hydrant shall be installed no more than seventy five feet (75') from the Fire Department connection for a standpipe or automatic sprinkler system. The Fire Department Connection (FDC) shall be within twenty five feet (25') of a fire lane.
11. Where a fire hydrant is located on a fire apparatus access road, a blue reflective street marker will be installed in the middle of the access road to indicate a location of a fire hydrant.

400 ft. Rule Example

Below are representative examples of a method to determine if a fire hydrant is required based upon the hose lay requirements.

