



City of Grand Prairie Fire Department Code Regulations

Water Supplies and Fire Hydrants

An approved water supply, capable of supplying the required water volume, “fire flow” for fire protection, shall be provided to all buildings and other necessary sites.

Required water supplies for fire protection shall be installed and made serviceable prior to construction progressing above the foundation.

Minimum water main size shall be eight (8) inches unless otherwise approved by the Engineering Department.

Fire hydrants shall be positioned according to the following requirements:

- 400 feet from all portions of all commercial buildings
- Spaced at 300-foot intervals in commercial areas
- 600 feet from all portions of all “U” (utility) occupancies
- 600 feet from all portions of all buildings with fire sprinkler systems
- 800 feet from all portions of single-family residential homes and duplexes
- Spaced 500-foot intervals in residential areas
- 1,000 feet from all portions of all one- and two-family homes equipped with fire sprinkler systems

All fire hydrants located along public streets shall be located not more than six (6) feet from the curb and shall face the street. Fire hydrants located on private property shall be accessible to the fire department at all times.

A fire hydrant capable of supplying the sprinkler system and/or standpipe shall be located within one hundred (100) feet of fire department connections (FDC’s).

Fire hydrants not behind a curb, and therefore subject to possible vehicular damage, shall be adequately protected.

A three-(3) foot clearance shall be maintained around the circumference of fire hydrants.

Public fire hydrants shall be painted red completely, private fire hydrants shall be red with the bonnet and caps painted yellow.

Hydrants must be installed with a concrete pad around the base.