



GREENFIELD FIRE TERRITORY
FIRE PREVENTION DIVISION

FIRE DEPARTMENT CONNECTION (FDC)

The Greenfield Fire Territory requires that the installation of Fire Department Connections (FDC) meet the stipulations of NFPA 13, NFPA 14, and the following criteria:

1. The FDC shall be located off of the building in a location approved by the Greenfield Fire Territory Fire Marshal. The location shall be determined concerning fire hydrants, access roads, and water supply lines that will not obstruct other incoming apparatus, buildings, utilities, and landscaping. A site utility plan shall be submitted to this office for review and approval.
2. The FDC shall be provided with a single 5" Storz connection that shall face toward the nearest point of fire department access.
3. The connection shall be 1 ½ times the height of the building away from the building. Any deviation of this shall be approved by the Greenfield Fire Territory Fire Marshal.
4. The 5" Storz connection shall measure between thirty (30) and thirty-six (36) inches above the finished grade or sidewalk and project downward at a thirty (30) to forty-five (45) degree angle.
5. A minimum of 4" FDC ductile iron pipe shall be utilized on a fire service line that is 6" or larger. Tracer wire shall also be installed on the fire line to the FDC.
6. All changes of direction need to be 45 degrees and not 90 degrees.
7. If the FDC supplies a sprinkler system only the pipe needs to be painted red. If the FDC supplies a combination sprinkler/standpipe system, the pipe must be painted yellow. If the FDC supplies a standpipe only the pipe needs to be painted green. The Storz connection does not need to be painted.
8. The address needs to be on the pipe of the FDC.
9. The FDC shall not be more than twenty-five (25) feet from the curb.
10. The FDC shall be located not more than 100 feet from the nearest fire hydrant
11. A working space around the circumference of a free-standing FDC shall be maintained and provided.
12. All underground piping shall be tested at two hundred (200) psi for two (2) hours and inspected before covering the pipe.
13. All underground piping must be wrapped.
14. Contact the Fire Marshal after installation to flush the piping.