



Washington Township / Avon Fire Department

Community Safety and Education Division
7222 East U.S. Highway 36
Avon, IN 46123
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Fire Department Connection Specifications For Automatic Sprinkler and Standpipe Systems

There are special requirements in Washington Township and the Town of Avon with regards to fire department connections that are specific to our response area. These requirements are designed to standardize the location of all fire department connections in an effect to make it safer for firefighting crews when confronted with a building fire.

Indiana Building Code, 1998 Edition, 675 IAC 13-2.3, Section 904.1
Indiana Fire Code, 1998 Edition, 675 IAC 22-2.2, Sections 1003.1.1 and 1004.1.1

The location of fire department hose connections shall be approved by the fire department.

Fire Department Connection Specifications

Fire department connections shall be installed where required by and in accordance with NFPA 13, *Installation of Sprinkler Systems*, 1999 Edition, 675 IAC 13-1-8 and NFPA 14, *Installation of Standpipe Hose Systems*, 1993 Edition, 675 IAC 13-1-9. Additionally, fire department connection specifications shall comply with the following:

1. Fire department hose connections shall be free standing and remote from the building. Fire department connections shall be a minimum distance of at least the height of the exterior wall plus ten (10) feet, measured from the base of the wall towards the property line.
2. The connection shall be a 5" Storz type connection.
3. The fire department connection shall be located to the curb cut of the main entrance of the project site or building it serves. The connection shall be arranged to face the street, driveway or fire access route. This location shall be placed in an area that will not interfere with access to the building when hoses are laid from the closest fire hydrant to the fire department connection.
4. The Storz connection shall be arranged so that the connection is between thirty (30) and thirty-six (36) inches above the finished grade, sidewalk or pit box top or lid at the location of the connection.
5. The fire department hose connection shall be located not more than one hundred fifty (150) feet from the nearest fire hydrant.
6. Where the fire department connection is subject to vehicular damage, the connection shall be protected as follows:
 - a. Protective posts shall be three (3) inches in diameter or schedule 40 or better steel post set in thirty-six (36) inches of concrete. The inside of the post shall also be filled with concrete.

- b. Posts shall be located no closer than thirty-six (36) inches from the fire department connection and shall not interfere with the operation of the Storz connection.
 - c. Posts shall extend above ground to a height at least equal to the top of the fire department hose connection.
7. The exposed exterior piping for the fire department connection shall be painted red. The Storz connection shall not be painted.

The Washington Township/Avon Fire Department Community Safety and Education Division must be contacted prior to installing any fire department connection. Plans indicating proposed fire department connection locations shall be submitted to the Community Safety and Education Division for review. Deviation from any of the above requirements are subject to approval by the Washington Township/Avon Fire Department Community Safety and Education Division.

Please contact the Community Safety and Education Division at (317) 272-2155 with any questions.