

Rule 15 - FIRE PROTECTION - SPRINKLER SYSTEM

- A. The installation of fire protection service connections to supply water to standpipes and/or sprinkler systems, for fire protection only, shall be permitted when submitting an application and three sets of plans to the Engineering Office, Health Department, and Division of Water and Wastewater which outline the complete system in detail. The service plans shall be reviewed and the classification of said service determined by the Division of Water and Wastewater and the Board of Health, authorized agents and employees. Such plans shall be made to scale and shall show the following:
 - 1. The size and location of all pipes, branches, risers, by-passes, valves, check valves and all other appurtenances, and
 - 2. The size and location of all cisterns, tanks, pumps, wells and other regulation and operating devices in connection therewith, and
 - 3. The number and size of sprinkler heads, if any, the number, size and location of hydrants, hose connections and other appliances.
 - 4. The extension or alteration for conducting water between the shut-off valve or the curb stop and the water meter on the consumer's line shall be copper or ductile iron.
- B. Pipes intended for fire protection shall not normally convey water and must not be tapped or used for the general supply of water to any premises.
- C. Changes, alterations or extensions of any nature shall not be made without first securing a permit from the Health Department (Plumbing Inspector) and the Division of Water and Wastewater under the same procedure for a new connection.
- D. No Fire Service shall be supplied with water until the service has been inspected and approved by the plumbing inspector.

Sprinkler systems are divided into two types:

- A. Hydraulically designed systems
- B. Pipe schedule systems

One or two sprinkler heads in a hydraulically designed system may be fed from a one-inch line taken off a minimum one-inch service line after the placement of a one-inch water meter.

Hydraulically designed sprinkler systems having more than two sprinkler heads or pipe schedule designed sprinkler systems will be fed by a separate line having a minimum of an approved double detector check valve assembly meeting ASSE 1048 Standards.

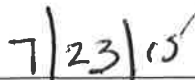
An approved detector check valve assembly backflow preventer shall be purchased and installed by the fire line or sprinkler contractor. Each detector check valve assembly backflow preventer shall consist of a metered by-pass of the appropriate size to accommodate the fire protection system and the water meter shall be purchased from the Division of Water and Wastewater.

Water used for fire fighting purposes will not be billed. Water used for testing systems, or any other use except for fighting fires, will be charged the full usage recorded on the water meter.

Approved:



David Rhodes, Director of Public Service



Date