

SOMERS FIRE & RESCUE

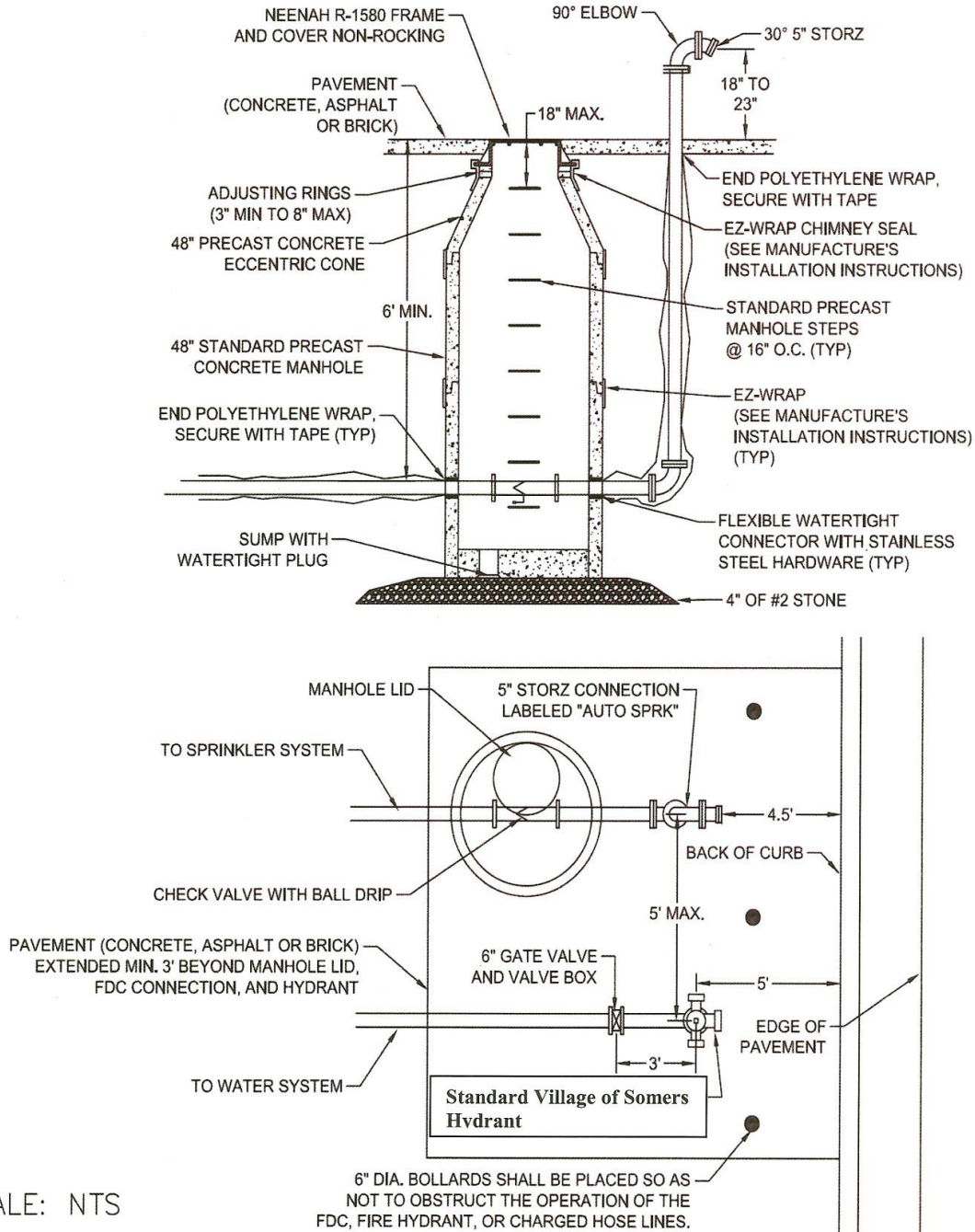
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-SYSTEM INSTALLATION MUST BE CONSTRUCTED UNDER THE ONSITE SUPERVISION OF A LICENSED SPRINKLER FITTER.



SCALE: NTS

16.23 FIRE DEPARTMENT CONNECTION.

- (A) The distance between Fire Department Connections (FDC) for either sprinkler or standpipe systems and the pumper pad shall be no greater than five (5) feet.
- (B) The minimum distance of the pumper pad from the building shall be equal to the height of the building plus ten (10) feet.
- (C) All FDC's shall be equipped with an automatic ball drip. Location and arrangement shall be approved by the Fire Department prior to installation.
- (D) The Fire Department Connection, five (5) inch Storz connection. The Fire Department Connection shall be located to comply with all of the following: no further than five (5') feet from the pumper pad; no further than five (5') feet from a fire hydrant.
- (E) A non locking Storz cap shall be placed over the Storz connection

16.23.1 1 Fire Department Connection (FDC) Multi-Family Residential

- (A) Fire Department and Pumper Pad Arrangement Outlined in 16.23 is not required in multi-family residential provided requirements outlined in 16.23.2 are met.

16.23.2 Multi-Family (FDC) Requirements

- (A) A minimum of one (1) Hydrant (see 16.24) is located within one hundred feet (100 Ft) of (FDC)
- (B) Maximum demand of sprinkler/standpipe system does not exceed flow provided by single 2.5" inch or Siamese 2.5" connection.
- (C) Building is two (2) stories or less
- (D) Pumper Pad and FDC outlined in 16.23 may be required at the discretion of the Fire Chief/Fire Inspector

16.24 FIRE HYDRANT(S).

- (A) A minimum of one (1) fire hydrant (approved), as defined in §16.30, shall be installed on all properties where a sprinkler system or standpipe system is installed.
 - (1) This hydrant shall be located remote from the building and curbside to a street or driveway capable of providing safe access for fire department vehicles.
 - (2) The minimum distance from the building shall be equal to the height of the building plus ten (10) feet.
- (B) Additional hydrant(s) shall be provided around the perimeter of the building so that no two (2) hydrants are more than three hundred (300) feet apart measured by normal access routes.
- (C) All fire hydrant locations shall be approved by the Fire Department, a fire hydrant containing at least one five (5) inch Storz connection and at least two (2) two and one-half (2.5) inch outlets having national standard threads shall be installed in compliance with the requirements of the Village of Somers and NFPA. All fire hydrants shall be installed in such a manner and location so as to be accessible at all times to the Fire Department.
- (D) All fire hydrants within the commercial development shall be capable of providing a minimum of one thousand five hundred (1500) gpm at twenty (20) psig. (Rev. 2/17/2010) Page 29

16.25 PUMPER PAD.

- (A) A single pumper pad shall be provided at each fire department connection location.
- (B) Access to the pumper pad shall be maintained at all times.

(C) Location, size and arrangement of pumper pad(s), fire department connections(s) and fire hydrant(s) shall be approved by the Fire Department prior to installation.

(D) pumper pad must have included within it or have within five (5') feet adjacent to it, a fire hydrant containing at least one five (5) inch Storz connection and at least two (2) two and one-half (2.5) inch outlets having national standard threads; if the fire hydrant is located off the concrete pumper pad, the concrete pumper pad must be oriented such that an outlet having the Storz connection must face the concrete pumper pad, and there may not be any obstruction between the fire hydrant and the pumper pad. See 16.26.1 and 16.23.2 for multi-family residential.

(E) The pumper pad shall have a space dedicated to the fire apparatus to be used during emergency operations. The space shall be located off the normal access route and not interfere with normal or emergency traffic routes.

(F) Fire Department Connection. The Fire Department Connection shall be operationally connected to the Automatic Fire Sprinkler System. The Fire Department Connection shall have a five (5) inch Storz connection. The Fire Department connection shall be located to comply with all of the following: no further than five (5') feet from the pumper pad; no further than five (5') feet from a fire hydrant. See 16.26.1 and 16.23.2 for multi-family residential.

16.30 DEFINITIONS

(P) **Fire Hydrant (approved).** An approved fire hydrant shall mean a water hydrant connected to a municipal water main which has one five (5) inch Storz connection and two (2) two and one-half (2.5) inch connections. The connecting water line between the municipal water main and the approved fire hydrant shall not be less than six (6) inches.

16.31 OTHER REQUIREMENTS.

(I) All Fire Department Connections shall be located within (5) feet of a fire hydrant and no further than five (5') feet from the pumper pad.) A non locking Storz cap shall be placed over the Storz connection.