



Standpipe Systems

The Building Standards Department issues Builder Tips as part of our customer service program. They are designed to provide an improved understanding of the Building Code and to reduce the costs associated with correcting infractions. Please contact your area building inspector for further information or call the Building Standards Department at 905.475.4848 extension 2189

3.10.3.5. Standpipe Systems

(1) Except as provided in Sentence (2), the requirements in Article 3.2.5.8. to 3.2.5.11. shall apply.

(2) Hose stations are not required in the first storey.

3.2.5.9. Standpipe System Design

(1) Except as provided in Sentences (2) to (5), Articles 3.2.5.10 and 3.2.5.11., and Sentence 3.2.4.9.(2), the design, construction, installation and testing of a standpipe system shall conform with NFPA 14, “Standard for the Installation of Standpipe and Hose Systems”.

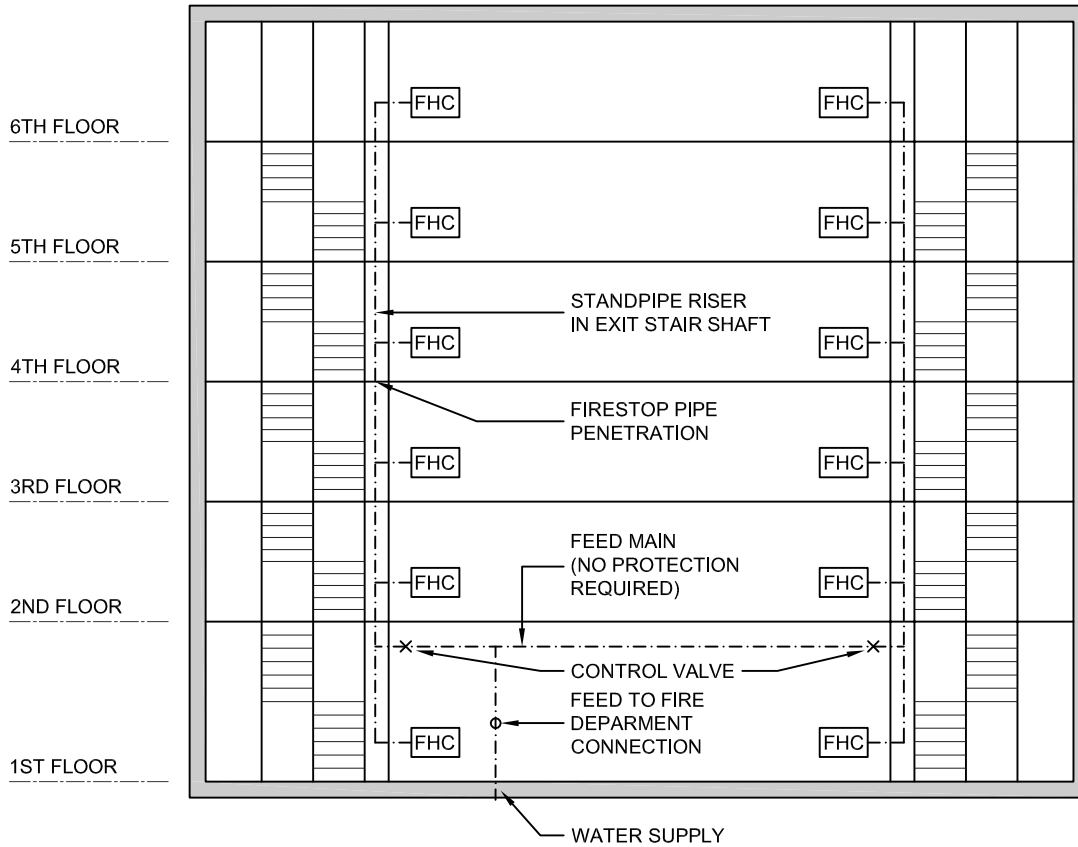
3.4.4.4. Integrity of Exits

(1) A fire separation that separates an exit from the remainder of the building shall have no openings except for

(a) standpipe and sprinkler piping,

OBJECTIVE

The Ontario Building Code requires standpipe systems be protected from direct exposure to fire to the same degree of protection as required for an exit stair shaft. The standpipe system feed main (vertical or horizontal) is not required to be protected where the feed main is located on the same floor level where the fire water service main enters the building. The detail below illustrates the extent of required protection of a standpipe system from mechanical and fire damage.



LEGEND

FHC LOCATION OF FIRE HOSE CABINET