

**Fire Prevention Division**

**Guideline No. 10.002**

**January 7, 1992**

**FIRE DEPARTMENT CONNECTIONS**

**A. Scope and Purpose**

To establish the placement or location of fire department connections (FDC's) to automatic sprinkler and or standpipe systems for newly constructed structures.

**B. Code Authority**

International Fire Code sections 102 and 903.3.7.

**C. Special Provisions**

1. All FDC's shall be located not less than 18 inches, nor more than one-hundred-twenty (120") inches from the finished edge of an approved fire apparatus access road.
2. FDC's shall not be located more than fifty (50') feet from a fire hydrant.
  - a. FDC's and fire hydrants shall be located on the same side of an approved apparatus access road.
3. FDC's serving sprinkler systems shall not be located on walls of a building.
  - a. FDC's serving class 1 or 2 standpipe systems may be located on walls provided such walls are of fire resistive or noncombustible construction.
4. All FDC's shall be identified as to the type of system served, building or area served.
5. Buildings having multiple sprinkler risers shall not be permitted to have separate FDC's for each riser. FDC installation shall comply with either of the following:
  - a. Install FDC at valve pit on system side of feedmain to risers.
  - b. Install FDC in yard and connect in common to all risers.
6. FDC's shall be installed/located at the front of the building except as otherwise approved by the Fire Marshal's Office.
7. Each F.D.C. **shall be provided with a 4 inch Storz fitting equipped with a gasket and with a minimum 22 degree elbow.** All inlets to the F.D.C. shall be protected with approved **locking caps**
8. The inlets to the FDC shall face the driving surface.