SOUTH KING FIRE
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FIRE DEPARTMENT CONNECTIONS

FIRE PREVENTION GUIDELINES

SCOPE AND PURPOSE

To establish the placement or location of Fire Department Connections (FDCs) to automatic sprinkler and or standpipe systems for newly constructed structures.

CODE AUTHORITY

International Fire Code (IFC)







SPECIAL PROVISIONS

1. All FDCs shall be located not less than eighteen (18") inches, nor more than one-hundred-twenty (120") inches from the finished edge of an approved fire apparatus access road.

   Exception: FDCs located on walls of buildings.

2. FDCs shall be located, as approved, to allow fire apparatus to make connection to the FDC with a single one-hundred (100') foot section of hose. Apparatus parking in this location shall be within fifty (50') feet of a hydrant.

3. FDCs and fire hydrants shall be located on the same side of an approved apparatus access road, unless where otherwise approved by the Fire Marshal's Office.

4. FDCs shall not be located on walls of a building.

   Exception: The Fire Code Official may approve locating the FDC on walls of a building provided:

   a. The location in relation to the fire hydrant and fire apparatus access road meets the intent of this policy.

   b. The location complies with IFC 912.

   c. The location is readily accessible and visible.

5. All FDC's shall be identified as to the type of system served, building or area served. The pipe of free standing FDC's shall be painted red. **DO NOT PAINT** the hose connection.

6. Buildings having multiple sprinkler risers shall not be permitted to have separate FDCs for each riser.

7. FDCs shall be installed/located at the front of the building except as otherwise approved by the Fire Marshal's Office.

8. The inlets to the FDC shall not be less than 24 inches nor more than 48 inches above the finished grade.

9. Each FDC shall be provided with a five (5") inch "Storz" fitting equipped with a gasket and with a thirty (30º) degree downward elbow. All inlets to the FDC shall be protected with approved "Knox" locking caps.

10. All discharge ports including standpipe outlets and fire pump test connections shall be protected with approved "Knox" locking caps or plugs.

11. The inlets to the FDC shall face the driving lane or access roadway.

12. The piping between the check valve and the outside hose coupling (FDC) shall be equipped with an approved automatic drip at the lowest point and equipped with adequate drainage. All check valves shall be readily accessible for service and inspection.