

Front Range Fire Rescue

Fire Department Connections (FDC)

A Fire Department Connection (FDC) is required on every automatic fire sprinkler system. All fire department connections are to be installed at locations approved by the Life Safety Division of Front Range Fire Rescue so they are immediately visible and accessible to responding fire apparatus. In general, FDCs should be facing the street from which the building is addressed; however, alternate locations may be approved based on building design. A fire hydrant capable of supplementing the system shall be located within a maximum of 150 feet from the FDC.

All new fire department connections shall meet the following requirements, unless otherwise approved by the Fire Code Official:

- FDCs shall be a single five (5) inch Storz connection with a 30-degree downward elbow.
- An approved outside horn/strobe unit shall be installed directly above the outside FDC.
- Every FDC shall be labelled to indicate the area served, if not obvious or clear. Signage requirements shall be addressed during the FRFR plan review.
- Approved caps/covers shall be maintained on all FDCs.

There may be separate/additional requirements for FDCs on residential sprinkler systems. Refer to NFPA 13D and NFPA 13R for standards and specifications.