



Knightdale Fire Department

Fire Marshal's Office

950 Steeple Square Court Knightdale, North Carolina 27545



FDC Location and Requirements

Informational Bulletin

Knightdale Fire Department Fire Marshal's Office Interpretation: Location of Fire Department Connections

Date: February 12th, 2024

Code Reference: 2018 North Carolina Fire Code, Section 912

Subject: What are the regulations concerning approved locations for fire department connections (FDC's)?

Interpretation:

The North Carolina Fire Code does not specify **exact** locations, but rather offers acceptable locations in broad terms that will enable responding emergency services personnel to quickly access and utilize the FDC in the event of a fire emergency. It is ultimately left up to the local authority having jurisdiction to approve such locations.

The Knightdale Fire Department Fire Marshal's Office requires that the FDC be located on the street side of the building. The Fire Code Official may request a yard / remote located in close proximity to the main entrance from the fire apparatus access road.

Additionally, FDC's shall:

1. Be located no less than 18 inches nor more than 5 feet above finished grade.
2. Have a clear horizontal and vertical clearance of 10 feet in all directions.
3. Be located no more than 50 feet from an access roadway or entrance drive.
4. Be located within 100 feet of an approved fire hydrant.
5. Be located such that the laying of hose or parking of apparatus will not impede or obstruct access to the building.
6. FDC's are required to be equipped with a 5 inch storz connection.
7. Protection with bollards may be required, in accordance with NCFC Section 312, when subject to impact or required by the fire code official.

Due to varying circumstances such as property lines, topography, etc. any modification shall be prior approved by the Fire Marshal's Office.