



Fire Department  
Fire and Life Safety  
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Below, is a list of items examined when a site plan reviews is conducted. Other items not included may be required depending on the proposed project.

- Hydrant must be within 150' of the FDC.
- The FDC must be within 40' of fire apparatus placement.
- Landscaping or parking can not block or impede the FDC or fire hydrants. A 3-foot clear space shall be maintained around the circumference of the hydrant.
- Hydrants must be located within 8' of the curb.
- New hydrants must be available for use prior to construction of the building(s).
- Show all hydrants within 600' of the building(s).
- Water flow analysis may be required to determine the correct water main size to meet sprinkler system demand and fireflow requirements.
- Provide the construction type for the building based on the NC Fire and Building Codes.
- How many floors will the building contain?
- Standpipe(s) will be required because the floor elevation is greater than 30' above the lowest level of fire department vehicle access.
- Fire apparatus access road length is greater than 150'. An approved fire apparatus turnaround must be provided.
- The fire department access road shall be no less than 20' unless approved by the fire official.
- Contractor shall maintain an all weather access for emergency vehicles at all times during construction.
- All exterior portions of the building must be within 150' of a fire department access road. This is determined by location the fire apparatus stops.
- Temporary street signs shall be installed at each street intersection when construction of new roadways allows passage by vehicles.
- RPZ backflow preventer will be required because the building is greater than 50' in height, fire pump is required or anti-freeze loop is installed.