

YORK COUNTY DEPARTMENT OF FIRE SAFETY SITE PLAN REVIEW REQUIREMENTS

The York County Department of Fire Safety reviews all commercial site plan submittals for compliance with the 2006 International Fire Code and referenced standards. The following is a list of common code requirements which should be shown on the plans, if applicable. (This should not be considered all of the requirements and any applicable section of the 2006 International Fire Code should be documented).

Apparatus Roadway Access Width and Height

The 2006 International Fire Code section 503.2.1 requires fire apparatus access roads to have an unobstructed width of not less than 20 feet (6096 mm), except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 13 feet 6 inches (4115 mm). Please submit a site plan showing an approved access road that would meet these requirements.

Hydrant w/i 500 feet to all portions of building

The 2006 International Fire Code section 508.5.1 (as amended by the SC Building Codes Council) states: No point on the exterior of a building shall be located more than 500 feet from a fire hydrant accessible to fire department vehicles when measured along the roadway access. Please submit a site plan showing a proposed or existing hydrant that would meet this requirement.

Hydrant w/i 100 feet to FDC

The 2006 International Fire Code section 508.5.1 states: The location and number of fire hydrants shall be determined by the fire official. The York County Dept. of Fire Safety requires a fire hydrant connected to a public water supply be located within 100 feet to the fire sprinkler system's "fire department connection".

Hydrant Spacing Ordinance

York County Ordinance 51.17.E requires any construction or extension of any water main or water system in the unincorporated areas of the county to have fire hydrants installed at intervals not to exceed 1000 feet in residential areas and 300 feet in commercial or industrial areas. Fire hydrants shall be installed so as to be accessible by fire apparatus at ALL intersections.

Access Rd w/i 150 feet to all portions of building

The 2006 International Fire Code, section 503.1.1 requires that a fire apparatus access road shall extend to within 150 feet of all portions of the facility, or any portion of the exterior wall of the first story of the building, as measured by an approved route around the exterior of the building or facility. Please re-submit a site plan showing a proposed access road that would meet this requirement.

Dead End access rd exceeding 150 feet Turnaround

The 2006 International Fire Code, section 503.2.5 requires dead end fire apparatus access roads in excess of 150 feet in length to be provided with an approved area for turning around fire apparatus. Please re-submit a site plan showing an approved turnaround that would meet this requirement.

Site Plan Required

A site plan must be submitted to confirm compliance with the 2006 International Fire Code requirements for water supply and fire apparatus access.

Re-submittal Information

To expedite the review of the re-submitted documents, in addition to the revised drawings, please submit a letter outlining the changes made to each of the items listed above. If further information is needed regarding this portion of the plan review, please call The York County Department of Fire Safety at 803-909-7620.