



Sanford Fire Department
Fire Prevention Division
Tel: 407.688.5050 Fax: 407.688.5152

Life Safety Requirement for Development Plans

The following are general requirements to meet Fire Department / Life Safety requirements for construction and development. Each particular project may require additional requirements, which are reviewed on a case by case basis.

Project Name: _____ Occupancy Type(s): _____

Address: _____

Hydrant Requirements

- Residential areas - 1 & 2 family structures: every 800 feet within 400 feet of buildings shall supply minimum of 600 gallons per minute (g.p.m.) at 20 psi residual
- Multifamily area I Apartments: every 500 feet within 250 feet of buildings shall supply minimum of 1250 g.p.m. at 20 psi residual
- Commercial areas: every 500 feet within 250 feet of principal building shall supply minimum of 1250 g.p.m. at 20 psi residual
- 2010 N.F.P.A. #1

Additional Requirements

- During construction, water supply must be available on site before construction.
- During construction, access must be provided with an all- weather roadway surface capable of supporting fire apparatus necessary to respond. Whenever possible, two means of access should be provided.
- Access roads shall be a minimum of 20 feet in width.
- Minimum overhead clearance must be 13feet 6 inches.
- Dead end access roads longer than 300 feet shall be provided with approved provisions for turning FD apparatus around with a minimum of a 90 foot diameter.
- Turning radius must be a minimum of 30 feet outside turning radius, plus no overhang obstructions for an additional 5 feet for aerial apparatus.

Automatic Fire Sprinklers Requirements

All buildings over 75 feet in height, regardless of construction type or square footage

All buildings over 20,000 square feet, regardless of construction

Group H (Hazardous), regardless of square footage

Type I

- 12,000 square feet or more
- more than 2 stories and 10,000 square feet
- more than 3 stories regardless of square footage

Type II - Type VI

- 8,000 square feet or more
- More than 1 story and 5,000 square feet

- More than 3 stories regardless of square footage

Type II -- Type VI Construction

- 8,000 square feet or more
- more than 1 story and 5,000 square feet
- more than 3 stories regardless of square feet

Type V — Type VI

- more than 2 stories in height

Type I — Type VI

- 5,000 square feet or more for public assembly (restaurants, bowling alleys, etc.)

Type II-- Type VI

- Public assembly (theatres, stages, etc.) no minimum square footage, if located above first floor

Additional Fire Sprinklers Information

- More than 12 but less than 50 heads, shop drawings may be used.
- Sealed letter from Engineer of Record, stating design criteria for system to be submitted with construction plans. (50 heads or more).
- Underground Fireline — if contractor other than sprinkler contractor installs, separate permits, plans and inspections required. Class 5 license required.
- Point of service refers to 5' out from building, not from main water supply.
- Monitoring required.
- Underground and aboveground systems inspections require visual, hydrostatic, and flush tests. 24 to 48 hour notifications required for inspections.

Fire Alarm Systems

- As per the most current edition of NFPA 72
- Over \$5000 for work requires engineer sealed plans

Emergency Access for Gate Communities

- Gates must be able to be activated by emergency personnel with manual back up in the event power failure. (SOS systems, Cards, Keypads, Knox Key, etc.)
- Knox Box required for FD emergency access for all facilities having sprinkler systems, alarm systems, or any facility having restricted access.

Open Burning

Burn Permits for on-site burning for land clearing purposes are subject to City of Sanford and the Florida Forestry Service regulations. Permit cost \$100.00