



**D R C REQUIREMENTS**  
**DELTONA FIRE / RESCUE DEPARTMENT**  
**FIRE LOSS MANAGEMENT DIVISION**

1685 Providence Blvd. Deltona, Fl. 32725

**Capt. H. A. "Pete" Tucker, CFPS**

Plans Review: (386) 575-0306 / FAX (386) 860-7198



The following are the Life Safety and Code requirements for the Deltona Fire Department. This is a general guideline to assist developers, contractors and subcontractors with submitting plans for review by the Fire Loss Management Division. **These are general requirements and individual projects may require additional requirements based on type of project and operating features. Each project will be evaluated on a case by case basis. All plans shall be approved prior to construction permits being issued.** [The current code is the Fla. Fire Prevention Code, 2004 Edition]

**Project Name/ Developer:** \_\_\_\_\_ **Project #:** \_\_\_\_\_  
**Address:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Type Occupancy / Project:** \_\_\_\_\_ **Sq. Ft.:** \_\_\_\_\_ **PPF#:** \_\_\_\_\_

**HYDRANTS / WATER SUPPLY / FIRE DEPT. ACCESS**

- Residential Areas / 1 & 2 Family structures: Hydrants shall be located every 500 feet, within 250 feet of buildings, with a minimum water main size of six (6) inches.
- Commercial – Hydrants shall be located within 300 feet of all buildings. Water supply shall be a minimum of 1250 gpm with a residual pressure of 20 psi. Minimum water main size of 8 inches required. Water supply shall be based on **NFPA 1142** requirements.
- Hydrants shall meet city specifications (See attachment)
- Fire flow shall be certified by Engineer of Record/ Shall meet requirements of **LDC 96-45** and shall be conducted during peak demand hours, as determined by the fire department.
- Certified underground utility contractors shall submit proper documentation to Fire Loss Management prior to the installation of underground utilities. (water, gas, etc.)

**Additional:**

- During construction, water supply shall be available prior to combustible materials being on site.
- FD to be notified to witness tapping of water lines and installation of hydrants.
- During construction, access shall be provided with an all-weather roadway surface capable of supporting fire apparatus (minimum of 32 tons) necessary to respond.
- FD access to the building shall be accessible from two sides. Access roads shall be a minimum of 20 feet in width, vertical clearance of 13 feet 6 inches in height, and have an inside-turning radius of 35 feet (**LDC 96-36 & NFPA 1**)
- Dead end roads, which exceed 150 feet, shall have a minimum turnaround center line radius of 50 feet.
- Fire Lanes shall be provided as per **NFPA 1** and City of **Deltona LDC 96-36**

**AUTOMATIC FIRE SPRINKLERS REQUIRED**

- Special Structures / High Rise (75 ft. Height as per LSC 3.3.25.6)
- Assembly (Occupant Load of 300 or more)
- Educational
- Day Care
- Health Care
- Correctional
- Hotels / Dormitories / Lodging & Rooming

**AUTOMATIC FIRE SPRINKLERS REQUIRED (Cont.)**

- Apartments (3 stories or more)
- Residential Board & Care
- Mercantile
- Business
- Industrial
- Storage
- Special Hazard

**Additional Requirements:**

- Design Criteria must be signed, sealed and approved by Engineer of Record.
- More than 12 heads but less than 50 heads, shop drawings may be used
- Underground Fireline – if contractor other than sprinkler contractor installs underground, Certified Class V contractor must submit separate plans for review, permitting and inspections.
- Point of Service refers to the point when underground piping for a sprinkler system is used exclusively for the sprinkler system, as per FS. 633.021
- Monitoring required
- Underground and aboveground systems inspections require visual, hydrostatic and flush tests. 48 to 72 hour notifications required for inspections
- FDC shall be located outside of collapse zone of building.

**FIRE ALARM SYSTEMS**

- As per NFPA 72
- Design criteria must be approved, signed and sealed by the Engineer of Record
- Over \$5,000 for work requires engineer sealed plans

**EMERGENCY ACCESS**

- Knox Box required for FD emergency access for all facilities having Fire Sprinkler / Fire Alarm Systems, or any facility having restricted access.
- Gates for gated communities required to have manual back up in the event of power failure in addition to Knox Key, SOS systems, and access codes.

**ADDITIONAL REQUIREMENTS**

- All construction plans submitted for review and permitting shall comply with *City of Deltona Life Safety Systems / Plans Review Requirements* (See Attached)
- Burn Permits required for on-site burning for land clearing purposes, subject to *City of Deltona and Division of Forestry* regulations.