



DELTONA FIRE DEPARTMENT
FIRE LOSS MANAGEMENT
1685 Providence Blvd., Deltona, Fl. 32725
PLANS REVIEW / CONSTRUCTION INSPECTIONS
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LIFE SAFETY SYSTEMS / PLANS REVIEW
REQUIREMENTS / INSPECTIONS

The following are general guidelines for submitting plans for review by the **Fire Loss Management Division** for permits. Specific requirements will be addressed at the time of review of a particular project and/or system review, based on the **2004 Fla. Fire Prevention Code**. *Contractors are encouraged to contact the Fire Loss Management Division with any questions prior to submitting plans.* All plans submitted are required to be engineer sealed, as per FS 471.025. Submitted scaled plans must contain complete and accurate information including complete name and address of business or project, (with suite or space numbers if applicable), contractor information and contact numbers (Office & Fax), type occupancy, type construction (Type I A/B, II A/B, III A/B, IV, VA/B), square footage, and complete contact numbers. **[Plans submitted with partial or incomplete information will be automatically rejected.]** **A total of three (3) complete sets of plans need to be submitted for permitting, (2) for Construction Services and (1) for Fire Dept.**

BUILDING CONSTRUCTION PLANS

1. All plans are to be submitted to construction services for routing to the *Fire Loss Management Division* for review, and must meet the requirements for permitting as per *FS 553.79*
2. Projects requiring fire sprinkler, fire alarm or hood systems shall submit engineer sealed design criteria with construction documents prior to a building permit being issued.
3. Hydrants must be installed and functional prior to combustible construction materials being on site. Hydrants shall meet city specifications (See attached)
4. Access roads shall be constructed of an all- weather-driving surface not less than 20 feet in width and a minimum vertical clearance of 13' 6", including temporary power lines.

FIRE SPRINKLER SYSTEMS

1. Plans must be submitted by certified contractor for review, permitting and inspections and must meet criteria to meet **NFPA 13 / 25** as well as meeting local requirements.
2. Underground Fireline: Required inspections include underground visual of pipe and connections, hydrostatic pressure test as per **NFPA 25**, and flushing of the line until water runs clear. If separate certified (Class V licensed) contractor is performing underground fireline work, separate permit and plans shall be submitted. Class V license required as per Fl. Statute 633.
3. Aboveground Sprinkler System: Required inspections include aboveground visual of piping and connections, hangers, heads, etc. Hydrostatic pressure test, as per **NFPA 13**, and flow and tamper switch operation.
4. Copies of Certification papers for both underground and aboveground piping, etc., to be supplied to Fire Department.
5. All plans for systems are to be submitted to construction services for routing to the *Fire Loss Management Division* prior to permitting.

FIRE ALARM SYSTEMS

1. Plans must be submitted by certified contractor for review, permitting and inspections. Systems must meet criteria for **NFPA 72** and occupancy use, as well as meeting local requirements.
2. Inspection of alarm wiring required during rough in installation.
3. Fire Department required inspection for final on a fire alarm system includes testing of any and all components of the system, as per **NFPA 72**.
4. Printout from monitoring company to verify signals being received may be required for fire department records.
5. All plans for fire alarm systems are to be submitted to construction services for routing to the *Fire Loss Management Division* prior to permitting.

FIRE SUPPRESSION & HOOD SYSTEMS (Includes Paint Booths)

1. Plans must be submitted by certified contractor for review, permitting and inspections. Hood systems require submittal by mechanical contractor for ductwork, fan, etc. as per **NFPA 96**.
2. Suppression system plans to be submitted by certified contractor for review, permitting and inspections as per **NFPA 17 / 17A**(Hood systems) **Isometric** (3D) drawings are required for systems.
3. Hood duct inspections require liquid test of all seams and welds on sections of ductwork being installed. Once ductwork had been installed, a light test inspection will be required on welds and seams necessary to install ductwork.
4. Final inspections for suppression systems will include inspection of operation and components of systems, including fuel shut off, etc.
5. All plans are to be submitted to construction services for routing to the *Fire Loss Management Division* prior to permitting.

ABOVE GROUND AND UNDERGROUND TANKS

1. Plans must be submitted by certified contractor for review, permitting, and inspections. Tanks must meet requirements for **NFPA 30**.
2. Underground tanks require inspection of slab, anchors, and piping.
3. Aboveground tanks require inspection of supports and other protective requirements.
4. All plans are to be submitted to construction services for routing to the *Fire Loss Management Division* prior to permitting.