

SOUTHERN MANATEE FIRE RESCUE **SITE CONSTRUCTION** **CHECK LIST**



All site plans shall include the following:

Emergency Fire Apparatus Access
Engineering and Water Supply Requirements
Dumpster/Compactor Location and Requirements
Fire Protection Facility Improvements
Gate Locations

- Engineered plans shall be drawn to an indicated scale on sheets of uniform size (24 x 36).
- For new construction, modification or rehabilitation, construction documents and shop drawings shall be submitted, reviewed and approved prior to the start of work. (NFPA 1-1.14.1)
- Review and approval by the AHJ shall not relieve the applicant of the responsibility of compliance of the Code. (NFPA 1-1.14.4).
- Project name, address, city and state shall be on each page of the drawings.
- Engineering name, address, city, state, phone number and P.E. Seal (Florida) shall be shown on each page.
- A graphic representation of scale used shall be shown on each page.
- Directional arrow "North" shall be shown on each page.
- Provide an index title sheet on the front page. Each page of submittal shall reflect page numbers.
- Provide key plans as needed on required pages.
- Date of submitted plans and any revisions shall be denoted.

Access Roads and water supply shall meet the requirements of NFPA 1-Chapter 18.

- Identify access roads and show width of roads on plans. Fire department access roads shall consist of roadways, fire lanes, parking lots or a combination thereof. (NFPA1-18.2.3.1.2)
- A fire department access road shall extend to within 50 ft of a least one exterior door that can be opened from the outside.
- Fire department access roads shall have an unobstructed width of not less than 20 feet. (NFPA1-18.2.3.4.1.1)
- Fire department access roads shall be designed and maintained to support the imposed loads of fire apparatus and shall be provided with an all-weather driving surface. (NFPA1-18.2.3.4.2)
- The access shall have a minimum/maximum distance from the building to the closest curb line or edge as follows: One, two or three story buildings-ten-(10) feet minimum, fifteen (15) feet maximum; four or more stories-fifteen (15) minimum, twenty five (25) maximum.

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- Dead-end fire department access roads in excess of 150 ft in length shall be provided with approved provisions for fire apparatus to turn around. (NFPA1-18.2.3.4.4)
- All turning radius shall be for a single axel 40 foot truck.
- Plans for Automatic Vehicle access control gates shall be submitted to this department for approval prior to installation. The automatic gates shall meet the requirements of Manatee County and Southern Manatee Fire Rescue Ordinance. Minimum width of gate shall be 15 feet.
- Fire Lanes shall be designated by the Fire Marshal and shall meet the requirements of the Manatee County Land Development Code.

Water Supply

- An approved water supply capable of supplying the required fire flow for fire protection shall be provided to all premises upon which facilities, buildings or portions of buildings are hereafter constructed or moved into this jurisdiction. (NFPA1-18.3)
- Show location of existing and/or proposed new fire hydrants on plans. Fire hydrants shall meet the requirements of Manatee County Utilities and Local Ordinance.
- Show size and location of all underground water lines, backflows, tees, shut-off valves and method for restraints on plans.
- Show size, location and pipe arrangement of the Fire Department Connection (FDC) if not located on the backflow. A fire hydrant shall be located within 50 feet of the proposed FDC.
- Provide current hydrant flow(s) for all existing hydrants on plans.
- All underground fire sprinkler piping is approved in concept, NOT design.

Dumpster Location and requirements

- All dumpsters shall be installed, spaced and placed with proper protection as required by the Manatee County Land Development Code.
- Dumpsters located within 10 feet of the building or overhang shall be protected by a fire sprinkler.

Disclaimer: This checklist should by no means be considered all inclusive. Each project is unique and as such, additional comments and/or fire protection features may be required.