



COLUMBIA COUNTY FIRE RESCUE

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Fire Chief
David L. Boozer

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TO: Troy Crews
Columbia County Building Department

FROM: David L. Boozer
Fire Chief / Fire Marshal
Florida State Fire Inspector #146595

RE: Lifeguard International



A plans review was conducted of the future Lifeguard Ambulance Service to be located on Baya Avenue in Lake City, Florida. This building meets the requirements as outlined in Chapter 38, New Business, of the Florida Fire Prevention Code 2009 edition. I recommend approval with the following conditions;

- **Portable Fire Extinguishers**
 - **Portable fire extinguishers** requires a license or permit of organizations and individuals who service, recharge, test, mark, inspect, install, or hydro test fire extinguishers. It will be necessary to use a Licensed Fire Extinguisher Contractor for identifying the location and type of extinguisher to use. *FSS 633.061*
 - Minimum 2A rated extinguisher shall be located in **egress path** with not more than 75-foot travel distance. Additional extinguishers of B rating may be required if flammable or combustible liquids are present. Class C rated extinguishers are required whenever fires may involve energized electrical equipment. *NFPA 1:13.6*
 - **Mounted** on brackets or in cabinets, with top not more than 5 feet above floor, and bottom not less than 4" above floor. (less than 40 lbs) *NFPA 1:13.6.3.7 & NFPA 1:13.6.3.10*
 - All portable fire extinguishers must have a current (less than 12 months old) **inspection tag** by a licensed fire extinguisher contractor. *FAC 69A-21.237*
Note extinguisher locations on plans / minimum of 10B rated extinguisher with not more than 30' of travel distance
- **Emergency Lighting**
 - Emergency lighting shall be provided for not less than 1 1/2 hours in the event of failure of normal lighting. Emergency Lighting facilities shall be arranged to provide initial illumination that is not less than an average of 1-candle (10.8 lux) and at any point, not less than .01 ft-candle (6.5 lux), measured along the path of egress at floor level. *NFPA 101:7.9*

- Marking of Means of Egress
 - **Exits.** Exits, other than main exterior exit doors that obviously and clearly are identifiable as exits, shall be marked by an approved sign that is readily visible from any direction of exit access. NFPA 7.10.1.2
 - **Exit door tactical signage.** Tactical signage shall be provided to meet the following criteria, unless otherwise provided in 7.10.1.4:
 - Tactical signage shall be located at each exit door requiring an exit sign.
 - Tactical signage shall read as follows: **EXIT**.
 - Tactical signage shall comply with ICC/ANSI A117.1, *American National Standard for Accessible and Usable Buildings and Facilities*. NFPA 7.10.1.3
 - All exterior exits shall be marked with an approved EXIT signage
- Fire Doors
 - The installation and maintenance of assemblies and devices used to protect openings in walls, floors, and ceilings against the spread of fire and smoke within, into, or out of the buildings shall comply with the section *NFPA 1:12.4 and NFPA 80, Standard for Fire Doors and Other Openings Protective NFPA 80:1.1.1, Equipped with an approved device that ensures closing after opening NFPA 101*
- Door Hardware
 - All **exit or exit access doors** shall be arranged to open readily from the egress side whenever the building is occupied. **Locks or latches** if provided shall not require the use of a key, tool, or special knowledge or effort for operation from the egress side. The releasing mechanism for any latch shall be located not less than 34 in and not more than 48 in above the finished floor. The door must not require more than 1 action to open. *NFPA 1:14.5.2.2 Business travel distance less than 100'=1 exit NFPA 1:14.5.2.2*
- Light Weight Truss Marking
 - Florida Statute, Section 633.027, (2008) requires the owner of any commercial, industrial or multiunit residential structure of three units or more constructed of light-frame trusses, to install a symbol adopted by rule of the State Fire Marshal's Office. This rule establishes the dimensions, color, and location of the symbol to be applied to every commercial, industrial and multiunit residential structure of three units or more constructed of light-frame trusses