



*Serving Children and Families*

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## **SCDSS Child Care Licensing, Fire & Life Safety Fire Alarm Plan Submittal List**

Fire alarm plans submitted for examination by the SCDSS Child Care Licensing, Fire & Life Safety Office must contain the following applicable information:

- 1) The name, address, and telephone number of the owner or owner's representative.
- 2) The facility containing the proposed system name, street address and number of clients licensed for or proposed to be licensed for.
- 3) The name, address, telephone number, and license number of the SC fire alarm contractor installing the system.
- 4) The name and address of the local Fire Department that will respond to a fire alarm call for the facility.
- 5) The type of system or service provided (NFPA 72 Chapter 26: Central Station Service, Proprietary Supervising Station, or Remote Supervising Station.)
- 6) Sealed design drawings by a South Carolina registered architect and / or engineer when required by law or regulation.
- 7) Fire alarm shop drawings showing all areas on each floor and the attic. Label each room or area to describe the use (i.e. classroom, kitchen, storage, etc.). Plans must show the location of all system components (horizontal and vertical).
- 8) Power connection (a wiring diagram of the system). Indicate the conductor type and size for each circuit.
- 9) Riser diagram showing the general arrangement of the system, the number of circuits on each riser, and the number of system components on each circuit.
- 10) The manufacture, model number, and listing information for all equipment, devices, and materials used. Manufacturer's technical specification sheets should be included for each type of device.
- 11) Provide secondary power supply (battery) calculations.
- 12) Provide voltage drop calculations.
- 13) The interface of fire safety control functions (sprinkler systems, smoke evacuation systems, etc.).
- 14) A complete sequence of operations detailing all inputs and outputs.

### **Notes:**

- 1. Omission of required information will delay the review process. Please ensure submitted plans fully address all applicable items.**
- 2. Plan(s) must provide sufficient information to verify compliance with the latest adopted versions of the International Building Code (IBC), International Fire Code (IFC), and National Fire Protection Association (NFPA) pamphlet 72.**
- 3. Submit plans to: SC DSS Child Care Licensing, Fire & Life Safety, 2638 Two Notch Rd. Suite 200, Columbia, SC 29204**