



Instruction Guide for Fire Alarm Plan Submission

Fire Alarm Plans and specifications shall be submitted for review by the Office of Richland County Fire Marshal.

2012 International Fire Code, section 907.1.1 requires construction documents for fire alarm systems to be submitted for review and approval prior to system installation. Please submit fire alarm plans to this office for review and approval.

Shop drawings for fire alarm systems shall be submitted for review and approval prior to system installation, and shall include, but not be limited to, all of the following:

1. A floor plan that indicates the use of all rooms.
2. Locations of alarm-initiating devices.
3. Locations of alarm notification appliances, including candela ratings for visible alarm notification appliances.
4. Location of fire alarm control unit, transponders and notification power supplies.
5. Annunciators.
6. Power connection.
7. Battery calculations.
8. Conductor type and sizes.
9. Voltage drop calculations.

RICHLAND COUNTY DEPARTMENT OF EMERGENCY SERVICES
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10. Manufacturers' data sheets indicating model numbers and listing information for equipment, devices and materials.
11. Details of ceiling height and construction.
12. The interface of fire safety control functions.
13. Classification of the supervising station.

Notes:

- 1. Omission of required information will delay the review process. Please ensure submitted plans fully address all applicable items.**
- 2. Plans shall be drawn to scale with scale indicated on the plans.**