

Fire Alarm Submittal Requirements

The following information must be submitted to and approved by the Forsyth County Fire Department prior to any installation per section 901.2 and 907.1.1 of the North Carolina State Fire Prevention Code and the Forsyth County Fire Marshals Office:

1. A completed Forsyth County Fire Department permit application along with a fee of \$120.
2. A scaled and detailed floor plan with the system designer indicated and the date of design. The plans must be sealed by a North Carolina registered Professional Engineer (PE). The preferable scale is 1/8 inch and the scale must be clearly indicated on the plans. An elevation view must also be included.
3. The locations of all the initiating and notification devices must be clearly indicated along with the candela rating of all strobes.
4. Details of ceiling height and construction.
5. Alarm control and trouble signaling equipment
6. Annunciation of the system and location of annunciation panel.
7. Power connection. Electrical breaker controlling the alarm panel must be equipped with a breaker lock.
8. Battery and voltage drop calculations for the entire system. The total number and amperage of the batteries to be utilized must be clearly indicated.
9. Electrical conductor type and sizes.
10. Manufacturers, model numbers, and listing information for all the equipment, devices, and materials to be installed.
11. The interface of all fire safety control functions.

Codes used in the review: North Carolina State Fire Prevention
North Carolina State Building
North Carolina State Accessibility
Applicable National Fire Protection Association Standards

- ◆ Additional information may be required prior to approval of the submitted plans. The above requested information is not all-inclusive.