

# Caldwell County Fire Marshal's Office

Phone (828)757-1277

Ricky K. Brown, Fire Marshal  
2345 Morganton Blvd.  
PO Box 2200  
Lenoir NC, 28645

Fax (828)757-1182

## Fire Alarm Submittal Requirements

The following information must be submitted to and approved by the Fire Marshal's Office prior to any installation per section 901.2 and 907.1.1 of the North Carolina State Fire Prevention Code and future revisions.

1. A completed Caldwell County Building Permit Application.
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 drawing must be included with plans for high rise buildings.
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 the ceiling height and construction.
5. The location of the Alarm control, annunciation panel and any trouble signaling equipment.
6. Power connection. Electrical breaker controlling the alarm panel must be equipped with a breaker lock. The breaker shall be identified with red lettering and/or marking in the electrical panel and location of this breaker should be noted inside the fire alarm control panel.
7. Battery and voltage drop calculations for the entire system. The total number and amperage of the batteries to be utilized must be clearly indicated.
8. Electrical conductor type and sizes.
9. Manufacturers, model numbers, and listing information for all the equipment, devices, and materials to be installed.
10. The interface of all fire safety control functions.
11. A zone map for the fire alarm system shall be on display before the final acceptance.
12. Plans must be mailed or hand delivered. No fax copies
13. After acceptance testing has been completed and witnessed by the Fire Marshal or his/her representative, the installing company shall provide the owner/occupant and the Fire Marshal with a completed NFPA certificate of compliance form.

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

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