
Davidson County Fire Marshal's Office
935 North Main Street Lexington, NC 27292 (336)242-2270

Fire Alarm and Detection systems and related equipment installation/modification permit application

Applicant Information:

Name: _____

First

Middle

Last

Position or Title: _____

Address: _____

Street

City

State

Zip

Phone: _____

Primary

Secondary

Fax

Email: _____

Work to be done at:

Business Name: _____

Address: _____

Street

City

State

Zip

Provide Shop Drawing. All drawings shall be drawn to scale on uniform size sheets and include:

- (1) Name of owner and occupant
- (2) Location, including street address
- (3) Device legend
- (4) Date
- (5) Input/output programming matrix

Floor plan drawings should be drawn to an indicated scale and should include the following information:

- (1) Floor identification
- (2) Point of compass
- (3) Graphic scale
- (4) All walls and doors
- (5) All partitions extending to within 15 percent of the ceiling height
- (6) Room descriptions
- (7) Fire alarm device/component locations
- (8) Locations of fire alarm primary power connection(s)
- (9) Locations of monitor/control interfaces to other systems
- (10) Riser locations
- (11) Routing for Class A compliance, where applicable
- (12) Methods for compliance with 6.9.10.4 for survivability (emergency voice systems) as shown in Section 6.9, where applicable
- (13) Ceiling height and ceiling construction details

Fire alarm system riser diagrams should include the following information:

- (1) General arrangement of the system, in building cross-section
- (2) Number of risers
- (3) Type and number of circuits in each riser
- (4) Type and number of fire alarm system components/devices on each circuit, on each floor or level

Control unit wiring diagrams should be provided for all control equipment (i.e., equipment listed as either a control unit or control unit accessory), power supplies, battery chargers, and annunciators and should include the following information:

- (1) Identification of the control equipment depicted
- (2) Location(s)
- (3) All field wiring terminals and terminal identifications
- (4) All circuits connected to field wiring terminals, and circuit identifications
- (5) All indicators and manual controls, including the full text of all labels
- (6) All field connections to supervising station signaling equipment, releasing equipment, and fire safety control interfaces

Typical wiring diagrams should be provided for all initiating devices, notification appliances, remote alarm light emitting diodes (LEDs), remote test stations, and end-of-line and power supervisory devices.

Provide voltage calculations and back up battery information.

Cut sheets for all appliances and devices.

Candela ratings for each visual device.

Application Fee

A non-refundable \$75.00 application fee is required at the time of submittal. Applications submitted without all the above information may be denied. Re-submittals will require additional application fee.

Date: _____

Applicant's Signature: _____

Davidson County Fire Marshal's Office use only:

Approval Date: ___/___/___ Expiration Date: ___/___/___ Denial Date: ___/___/___

Permit Duration: ___ 30 Days ___ 60 Days ___ 90 Days ___ Duration of Operation

Permit Number _____ Fee's Paid _____ Check Number _____

Reviewed By: _____ Contact Number: _____