



Davidson County Fire Marshal's Office
935 North Main Street Lexington, NC 27292
Phone: (336)242-2270 Fax: (336)249-7863



Construction Permit Application for:
Installation, Alteration, or Modification of a Fire Alarm & Detection System

General Requirements:

1. All Work including plans submitted for review shall meet the requirements set forth in the current code cycle under which the application is submitted of the North Carolina Building Code, Fire prevention Code, Mechanical Code, National Electrical Code, Administrative Code, and General Statutes as applicable.
2. All work including plans submitted for review shall meet the requirements set forth in applicable standards of the National Fire Protection Association.
3. Submittals for a permit to install, alter, or modify a fire alarm and detection system shall include all required documentation and associated information. This shall be accompanied by this application completed in its entirety, & shall be included at the time of submission. These documents shall be submitted to the Davidson County Fire Marshal at plans.review@davidsoncountync.gov. Upon completion of review by the Fire Marshal, plans will be forwarded to Central Permitting for review by all trades.
4. Plan submittals will be rejected if **ANY** portion of this application is not completed or accompanied by required information at time of submission. Completion of application and information required to be submitted will be the applicant's responsibility.
5. Upon completion and approval, the applicant will be notified by email that the plans have been approved, and the permit has been issued. The permit will be available for pick up between the hours of 8:30am & 4:30pm at the Central Permitting Office located at 912 Greensboro St Lexington, NC 27292. Allow 5 business days for processing upon receiving confirmation that the permit has been issued by the Fire Marshal. The Central Permitting Office can be contacted at (336) 242-2230.
6. Any changes or revisions to the original plan submittals will require a new application to be submitted along with all required documentation. This excludes revisions from mark-ups that result from the review process.
7. The permit fee is \$75.00 payable upon receipt of the permit. A low voltage electrical permit is also required in accordance with the Davidson County Permitting Fee Schedule.

Section II

Required Submissions:

_____ **New Construction** – New Building being constructed under a Building Permit

_____ **Modification** – System exists but is being updated, replaced, modified, added to, redesigned, reconfigured, or changed from its original devices or placements.

1. Construction documents and shop drawings stamped by a Registered Design Professional and/or Electrical Engineer.
2. Shop Drawings shall be to scale and include.
 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. Locations of fire alarm control unit, transponders and notification power supplies.
 5. Annunciators.
 6. Power Connections.
 7. Battery calculations.
 8. Conductor type and sizes.
 9. Voltage drop calculations.
 10. Manufacturers' data sheets indicating model numbers and listing information for equipment, devices and materials.
 11. Details on ceiling heights
 12. The interface of fire safety control functions.
 13. Classification of the supervising station.
3. A copy of the installation contractor's current electrical license.
4. A scope of work, on company letterhead describing a detailed explanation of work to be completed & a total project construction cost. (Shall be required for an alteration or modification).
5. A record of completion in accordance with provisions of NFPA 72 will be required to be provided to the Fire Marshal upon final acceptance.
6. Operating instructions shall be placed in an approved location on site.

It shall be the responsibility of the installation contractor to contact the Fire Marshal's Office to schedule required inspections and acceptance tests. A "rough in" inspection, a battery test and final acceptance will be required for Certificate of Occupancy. These inspections shall be completed prior to covering up the work.

***Maintenance on an existing system will not require a Fire Construction Permit

