



Vestavia Hills Fire Department

Fire Sprinkler Installation

Fire sprinkler systems shall be designed and installed in accordance with NFPA 13 and NFPA 24. Fire Sprinkler Systems shall be permitted before any installation work has been implemented on the job site.

Failure to comply can result in a Stop Work Order, double permit fee and an additional fine of \$100.

When plans submittal and permitting are required?

Two (2) sets of paper plans & one (1) electronic plan, stamped by an Engineer licensed by the State of Alabama, shall be submitted to Vestavia Hills Fire Marshal's office for review when a new installation of fire sprinkler systems, and /or when (15) heads or more are added or when (25) heads or more are relocated and /or modified. For anything less the (15) new heads or (25) relocated or modified heads, a permit application shall be submitted to the Vestavia Hills Fire Marshal's office with details of when and where the changes and/or additions were made to be added to the buildings permanent file.

All plans must include:

- Permit Application
- Scope of work.
- All property information (i.e. Business Name, Address, Installer Contact and Phone Number).
- Graphical Information (i.e. Scale, Points of Compass, Match lines if applicable).
- All sprinkler system devices and their respective location(s).
- All standards that the system was designed to.
- Installation Inspection. The installation of all sprinkler piping, hangers, heads and risers shall be inspected by the Vestavia Hills Fire Marshal's office before being covered.
- A Functional Test shall be witnessed by the Vestavia Hills Fire Marshal's office. This involves pumping the system to 150 PSI, with water flowing out of the test drain or other acceptable point. This can be done as part of the Acceptance test with proper notice.
- A Final Acceptance Test of all newly installed fire sprinkler systems and / or where plans were required to be submitted.
- All 13R systems shall have a bucket test witnessed by the Vestavia Hills Fire Marshal's office.

Fire sprinkler system items to address:

- The fire sprinkler system shall have the "Main Drain" drain piped to the outside of the building.
- The fire sprinkler system shall have an inspector's test valve piped so as to discharge water to the outside of the building.
- The Sprinkler Riser room shall be properly identified. (Fire Sprinkler Riser, ETC.) In Multi-Address Buildings all risers shall identify the addresses covered by that riser.
- In multi-family residential buildings, without a common interior area, the fire sprinkler system riser shall be located in a separate heated room with direct access from the outside of the building for use by the Fire Department. The design of this adjacent room shall be suitable so as the installation and maintenance of the fire sprinkler system can be achieved.
- The fire sprinkler system shall have the outside horn/strobe or electric bell located above the Fire Department connection (FDC), as defined in NFPA 13 or if FDC is remote, it shall be at a location acceptable to the AHJ.
- The location of the FDC shall be no more than 100-foot travel distance to a water supply. The FDC shall be located on the front of the building or another location on the building acceptable to the AHJ.
- The FDC shall have a sign permanently attached either above the FDC to the building or on a post directly behind the FDC if away from the building.
- A Knox Box, in an approved location by the AHJ, shall be permanently mounted to the building.
- A stamped copy of Fire Sprinkler Systems plans and permit shall be on site at all times during construction and installation.

The Fire Sprinkler System will be considered in-service at the completion of the Acceptance Test.

This document is not a list of every requirement and does not prevent the Fire Marshal or his representative from hereafter making corrections in plans or construction issues.

Vestavia Hills Fire Marshal's office
1032 Montgomery Highway
Vestavia Hills, AL 35216
Office: (205) 978-0218 Fax: (205) 978-0205



City of Vestavia Hills, Alabama
Department of Building Safety

FIRE SYSTEM CONSTRUCTION PERMIT

FIRE SYSTEM PERMIT # _____ BUILDING PERMIT # _____

JOB ADDRESS _____

SUBDIVISION _____ LOT _____ BLOCK _____

OWNERS NAME _____

TYPE OF IMPROVEMENTS		DESCRIPTION OF WORK
<input type="checkbox"/> FIRE SPRINKLER	<input type="checkbox"/> OTHER Please explain _____	_____
<input type="checkbox"/> SUPPRESSION SYSTEM	_____	_____
<input type="checkbox"/> HOOD	_____	_____
<input type="checkbox"/> ALARM SYSTEM	_____	_____
<input type="checkbox"/> STAND PIPE	_____	_____

OCCUPANCY TYPE			WORK TO BE DONE IN
<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> HIGH HAZARD	<input type="checkbox"/> STORAGE	<input type="checkbox"/> NEW BUILDING
<input type="checkbox"/> BUSINESS	<input type="checkbox"/> INSTITUTIONAL	<input type="checkbox"/> UTILITY & MISC.	<input type="checkbox"/> BUILDING ADDITION
<input type="checkbox"/> EDUCATIONAL	<input type="checkbox"/> MERCANTILE		<input type="checkbox"/> EXISTING BUILDING
<input type="checkbox"/> FACTORY & INDUSTRIAL	<input type="checkbox"/> RESIDENTIAL		<input type="checkbox"/> OTHER _____

ELECTRONIC COPY OF PLANS ARE REQUIRED

PERMIT FEE: \$9.00 PER \$1,000 PLUS \$41.00 ISSUANCE FEE (Minimum Fee \$50.00)

CONTRACT COST \$ _____

PERMIT FEE \$ _____

I HEREBY CERTIFY THAT I HAVE READ THIS APPLICATION AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT AND THAT I AGREE TO COMPLY WITH ALL CITY ORDINANCES AND STATE LAWS REGULATING FIRE SYSTEM INSTALLATION. I AM THE CONTRACTOR ACTING AS THE OWNER'S AGENT FOR THE HEREIN DESCRIBED WORK.

Signature of Contractor or Authorized Agent DATE _____

COMPANY NAME _____ E-MAIL _____

ADDRESS _____
STREET STATE ZIP CODE PHONE #

FOR OFFICE USE ONLY	
REVIEWED _____ <small>FIRE MARSHAL</small>	NOTES: _____ _____ _____
DATE _____	