



Vestavia Hills Fire Department Underground Piping Installation

Underground required inspections (For Fire Main Use). Underground piping shall be installed in accordance with NFPA 13 and NFPA 24.

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

A visual inspection of the underground piping is required by the Vestavia Hills Fire Marshal's office prior to being back filled for compliance with NFPA 24.

- A hydrostatic test of the underground shall be witnessed by the Vestavia Hills Fire Marshal's office. All piping from the public water supply to the riser shall be tested at 200 PSI or 50 PSI above system pressure, whichever is higher. Test shall last for 2hrs, +/- 5 PSI is the allowed variation.
- Two conduit shall be run from the vault to the structure for tamper monitoring.
- All piping used in the hydraulic calculations shall be shown on the plans approved by the Vestavia Hills Fire Marshal's office.
- A flush of the underground from the public water supply to the riser shall be witnessed by the Vestavia Hills Fire Marshal's office. A completed copy of the "Contractor's Material and Test Certificate for the Underground Piping" shall be provided at the completion of the system acceptance test.
- A flow test shall be completed and a copy of the test result provided to the Vestavia Hills Fire Marshal's office at completion of the system acceptance test.
- Refer to the Fire Hydrant Requirements document for specific information related to the installation of hydrants within Vestavia Hills.

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



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 _____ <i>FIRE MARSHAL</i>	NOTES: _____
DATE _____	_____