



## Plan Review, Inspection and Permit Fees

200 N. 13th Street  
Suite 19  
Erwin, NC 28339

Application Number 08 -- 5001942

Mailing Address:  
PO Box 370  
Lillington, NC 27546

ph: 910-893-7580  
fax: 910-893-5025

\$100.00	_____	Explosive Materials (90 Days)
\$ 35.00	_____	Explosive Materials (48 Hrs)
\$ 25.00	_____	Fireworks Public Display
\$ 20.00	<u>1</u>	Final Inspection
\$ 25.00	_____	Fire Alarm Testing
\$ 25.00	_____	Fixed Fire Suppression
\$ 10.00	_____	Insecticide Fog/Fumigation
\$ 50.00	_____	Testing of Pipes/UST/AGST
\$ 50.00	<u>1</u>	Plans up to 5000 ft <sup>2</sup>
\$100.00	_____	Plans 5001 ft <sup>2</sup> to 10,000 ft <sup>2</sup>
\$150.00	_____	Plans 10,001 ft <sup>2</sup> to 25,000 ft <sup>2</sup>
\$250.00	_____	Plans 25,001 ft <sup>2</sup> and over
\$ 25.00	<u>1</u>	Sprinkler Certification Test
\$ 25.00	_____	Standpipe Testing
\$ 25.00	_____	Special Assembly
\$ 10.00	_____	Temporary Kiosks/Displays
\$ 10.00	_____	Tents greater than 700 ft <sup>2</sup>
\$ 50.00	_____	Tank Installation (charge for each tank)
\$ 50.00	_____	Tank Removal (charge for each tank)

\$ 95.00 Total

Todd Lee McRae  
Code Enforcement Official

6/13/08  
Date



June 13, 2008

David Klein  
P.O. Box 564  
Fuquay-Varina, NC 27526

The Mantel Shop  
266 Progress Drive  
Fuquay-Varina, NC 27526

Application Number 08-50019462

Mr. Klein,

Thank you for submitting the plans for the The Mantel Shop. The plans have been carefully reviewed by a qualified code enforcement official to examine for full compliance with the North Carolina Fire Prevention Code and all other fire protection regulatory documents. There are some items that were found during the plan review process that need to be addressed before a final inspection of the new facility can be given. These items are outlined and described below.

- **906.1 Fire Extinguishers**
  - Fire extinguishers shall be placed in approved locations as drawn by the code enforcement official on the approved plans.
  - The fire extinguishers provided shall have a minimum rating of 2A rating per 1,000 ft<sup>2</sup> and shall not be installed higher than 5 feet above the finished floor
  - Shall also be in accordance with NFPA 10
  
- **506.1 Knox Box**
  - A secure key box shall be installed on the new building that houses all keys to all the doors within the building in which the fire department would need access to in the event of an emergency
  - Box to be placed on the front of the building where the fire department would access and to be mounted no higher than 5'
  - Knox Box order form is included with this letter.
  - Each exterior door must have a small red Knox sticker. Stickers are on the order form.

- **505.1 Physical Address**
  - The physical address of the building shall be posted in a conspicuous place so that it can be seen on approach from the road, access road, and/or parking lot.
  - The numbers used to make up the physical address shall be at least 5 inches in height.
  
- **503.1.1 Fire Department Access**
  - The fire department access shall extend to within 150 feet of all portions of the facility.
  - The fire department access road shall be of an unobstructed width of not less than 20 feet and shall have an unobstructed vertical clearance of not less the 13 feet 6 inches.
  
- **907.1.1 Construction documents.**
  - Construction documents for fire alarm systems shall be submitted for review and approval prior to system installation. Construction documents shall include, but not be limited to, all of the following:
    - A floor plan which indicates the use of all rooms.
    - Locations of alarm-initiating and notification appliances.
    - Alarm control and trouble signaling equipment.
    - Annunciation.
    - Power connection.
    - Battery calculations.
    - Conductor type and sizes.
    - Voltage drop calculations.
    - Manufacturers, model numbers and listing information for equipment, devices and materials.
    - Details of ceiling height and construction.
    - The interface of fire safety control functions.
  
- **901.2 Construction documents.**
  - The fire code official shall have the authority to require construction documents and calculations for all fire protection systems and to require permits be issued for the installation, rehabilitation or modification of any fire protection system. Construction documents for fire protection systems shall be submitted for review and approval prior to system installation.

- **1303.1 Sources of ignition.**
  - Smoking or the use of heating or other devices employing an open flame, or the use of spark producing equipment is prohibited in areas where combustible dust is generated, stored, manufactured, processed or handled.
  
- **1303.2 Housekeeping.**
  - Accumulation of combustible dust shall be kept to a minimum in the interior of buildings. Accumulated combustible dust shall be collected by vacuum cleaning or other means that will not place combustible dust into suspension in air. Forced air or similar methods shall not be used to remove dust from surfaces.
  
- **105.6.7 Combustible dust-producing operations. Mandatory Permit.**
  - An operational permit is required to operate a grain elevator, flour starch mill, feed mill, or a plant pulverizing aluminum, coal, cocoa, magnesium, spices or sugar, or other operations producing combustible dusts as defined in Chapter 2

Thank you again for submitting the plans for the The Mantel Shop. Please review the plans and adhere to any notes and alterations that were made in addition to the original drawings. These remarks are for the plans that were submitted and its original intent. These remarks do not apply if the original intent changes or what was submitted on the above date changes. If you have any questions, please do not hesitate to call this office.

Again, thank you and we look forward to working with you during the construction period!

Sincerely,



T.J. McLamb, CFI  
Chief Deputy Fire Marshal

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**Harnett**  
**COUNTY**  
 NORTH CAROLINA



**Emergency Services Department**

www.harnett.org

200 N. 13th Street  
 Suite 19  
 Erwin, NC 28339

Mailing Address:  
 PO Box 370  
 Lillington, NC 27546

ph: 910-893-7580  
 fax: 910-893-5025

1 set of  
 2 pages of additional info  
 if another copy is needed for  
 your set  
 please call  
 customer.

**Fire Marshal Division**

**APPLICATION FOR PLAN REVIEW**

**APPLICATION NUMBER:** 08 - 50019462 -

**TODAY'S DATE:** 5-22-08 **RECEIVED BY:** [Signature]

**SUBMITTED BY:** David Klein

**NAME OF PROJECT:** Mantel Shop

**PHYSICAL ADDRESS:** 266 Progress Drive  
Fuquay-Varina, NC 27526

**PHONE NUMBER:** 919-422-4915 **EXT.** \_\_\_\_\_

**CONTACT PERSON:** David Klein

**MAILING ADDRESS:** P.O. Box 564  
Fuquay-Varina, NC 27526

**PHONE NUMBER:** 919-422-4915 **EXT.** \_\_\_\_\_

**CONTRACTOR'S NAME:** David Klein

**MAILING ADDRESS:** P.O. Box 564  
Fuquay-Varina, NC 27526

**PHONE NUMBER:** 919-422-4915 **EXT.** \_\_\_\_\_

**\* NOTICE\***

**PLEASE ALLOW 7 TO 10 WORKING DAYS FOR PLANS TO BE REVIEWED.**

Type  
 11-B Type V  
 F-1 4900#

June 13, 2008

Bob Weaver  
2725 South Saunders St  
Raleigh, NC 27603

The Mantle Shop  
266 Progress Drive  
Fuquay-Varina, NC 27526

Application Number 08-50019462

Mr. Weaver,

Thank you for submitting the plans for the Sprinkler System Plans. The plans have been carefully reviewed by a qualified code enforcement official to examine for full compliance with the North Carolina Fire Prevention Code and all other fire protection regulatory documents. There are some items that were found during the plan review process that need to be addressed before a final inspection of the new facility can be given. These items are outlined and described below.

- **903.4 Sprinkler System Monitoring and Alarms**
  - All valves controlling the water supply for automatic sprinkler systems, pumps, tanks, water levels and temperatures, critical air pressures, and water-flow switches on all sprinkler systems shall be electrically supervised.
  
- **901.5 Installation acceptance testing**
  - Fire detection and alarm systems, fire extinguishing systems, fire hydrant systems, fire standpipe systems, fire pump systems, private fire service mains and all other fire protection systems and appurtenances thereto shall be subject to acceptance tests as contained in the installation standards and as approved by the fire code official. The fire code official shall be notified before any required acceptance testing.
  - The system shall be pressure tested and an isolation valve may be needed to be installed to isolate the system during testing. If installed the valve can either be temporary or permanent. If permanent the valve shall be electronically supervised.
  - Over head inspection of the piping, hangars, and head placement shall be inspected.
  - Flow test will be required for acceptance.
  - Hydro of the overhead piping shall be witnessed by our office

Thank you again for submitting the plans for the Sprinkler Plans. Please review the plans and adhere to any notes and alterations that were made in addition to the original drawings. These comments become null and void if the original plans change or if the use changes. If you have any questions, please do not hesitate to call this office.

Again, thank you and we look forward to working with you during the construction period!

Sincerely,

T.J. McLamb, CFI  
Chief Deputy Fire Marshal

# Harnett County

Office of the Fire Marshal  
P.O. Box 370  
Lillington, N.C. 27546  
(910)-893-7580

## Permit Certificate

**Business Name:** The Mantle Shop  
**Address:** 266 PROGRESS DR  
FUQUAY VARINA, NC 27526

**Phone:**

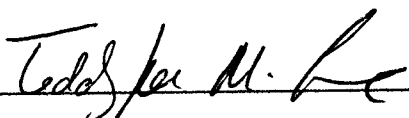
The following permit has been issued:

Permit No. 2008067

**Type: 044 Sprinkler Certification Test**

**Issued Date:** 06/13/2008  
**Effective Date:** 06/13/2008  
**Expiration Date:** 06/13/2009

This permit certificate has been issued for  construction /  operational purposes located at the above business location. This permit has been issued and will be enforced in accordance with section 105 of the N.C. State Fire Prevention Code. Please contact our office for any further questions regarding this permit.

  
\_\_\_\_\_  
**Inspector:** Teddy Joe McLamb **Date** 6/13/08