

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

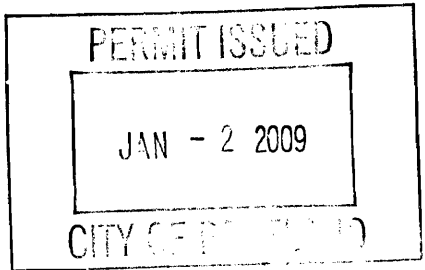
Permit No: 09-0003	Issue Date: 01/02/09	CBL: 272 B009001
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Location of Construction: 264 HOLM AVE	Owner Name: FARNSWORTH RICHARD E & E	Owner Address: 264 HOLM AVE	Phone: 207-749-6929
Business Name:	Contractor Name:	Contractor Address:	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone:

Past Use: Single Family Home	Proposed Use: Single Family Home - Install Vermont Castings Defiant?Encore Catalytic Wood Stove - with Metal Chimney.	Permit Fee: \$40.00	Cost of Work: \$1,200.00	CEO District: 3
Proposed Project Description: Install Vermont Castings Defiant?Encore Catalytic Wood Stove - with Metal Chimney.		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R-3 Type: SB IMC-2003 NFFA-211 Signature: [Signature] 01/02/09	
		PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.) Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Signature: _____ Date: _____		

Permit Taken By: lmd	Date Applied For: 01/02/2009	Zoning Approval
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<ol style="list-style-type: none"> This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. Building permits do not include plumbing, septic or electrical work. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.. 	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: _____	Zoning Appeal <input type="checkbox"/> Variance <input type="checkbox"/> Miscellaneous <input type="checkbox"/> Conditional Use <input type="checkbox"/> Interpretation <input type="checkbox"/> Approved <input type="checkbox"/> Denied Date: _____	Historic Preservation <input type="checkbox"/> Not in District or Landmark <input type="checkbox"/> Does Not Require Review <input type="checkbox"/> Requires Review <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied Date: _____
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CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

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Dept: Zoning **Status:** Approved **Reviewer:** Chris Hanson **Approval Date:** 01/02/2009
Note: **Ok to Issue:**

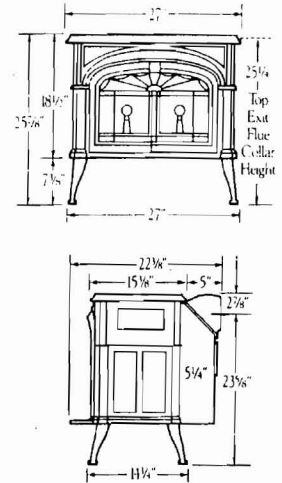
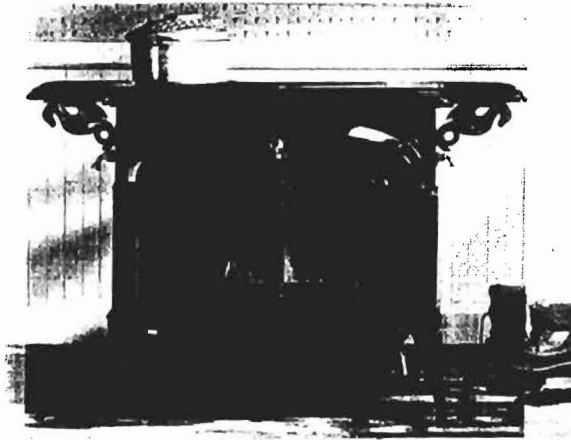
Dept: Building **Status:** Approved with Conditions **Reviewer:** Chris Hanson **Approval Date:** 01/02/2009
Note: **Ok to Issue:**

- 1) Prior to installing the solid fuel appliance, the product information which includes the UL listing shall be submitted. The heating unit shall be installed per the Listing, NFPA 211, IMC 2003 and the manufacturers instructions.
- 2) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules

DEFIANT ENCORE

22

The Defiant Encore from Vermont Castings is the combination of aesthetic and technological excellence. The beauty of its fine castings and porcelain enamel colors is matched only by its high heating efficiency and care-free operation.



FEATURES

- High efficiency – more heat from less wood
- Very low smoke emissions – 1.8 grams/hr.
- Swing-out ash pan with cover
- Clean glass and convenient top loading
- Automatic thermostat for steady heat
- Optional sparkscreen, removable door for fireviewing
- “Whole house” heater – up to 1,900 sq. ft.
- Griddle for stove-top cooking
- Durable cast-iron construction

OPTIONS

- Clearance reducing heat shields
- Warming shelves
- Sparkscreen
- Height reducing plinth
- Matching enamel pipe
- Choice of five porcelain enamel colors, or Classic Black
- Outside air adaptor

SPECIFICATIONS

Log Length:	18 inches
Burn Time:	Up to 10 hours
Heating Capacity:	900-1,900 sq. ft.
Maximum Heat Output:	47,000 BTU/hr.
Efficiency Rating:	72.5%
EPA Emissions Rating:	1.6 grams/hr.
Weight:	350 pounds
Dimensions:	
Height: Top Vent:	25-1/4"
Back Vent:	26-1/2"
Width:	27"
Depth:	22-3/8"
Flue Collar Size:	8" oval, reversible
Clearances (without optional shields):	
Back:	31"
Side:	24"

COLORS



LIMITED LIFETIME WARRANTY ICC EXCEL RESIDENTIAL CHIMNEY

ICC warrants its EXCEL stainless steel chimney lengths to be free from functional failure due to defects in material or workmanship for as long as the original consumer owns the chimney system. This warranty provides for replacement of any chimney lengths which fail as a result of normal use on a residential fireplace, wood burning stove, furnace or boiler and includes replacement of any lengths damaged as a result of a chimney fire. (Note: Chimney fires are dangerous and preventable, we strongly encourage you to have your chimney cleaned regularly). This warranty does not cover damage caused to the building by chimney fires or misuse of the product.

No claims under this warranty will be honoured unless ICC is notified of the potential claim and is given the opportunity to have one of its agents examine the chimney prior to replacement.

ICC will only be responsible for repair or replacement of any chimney lengths found to be defective under this warranty. In no event shall ICC be responsible for any incidental or consequential damage caused by defects in the EXCEL chimney system.

During the first ten years of the warranty ICC will provide replacement chimney lengths at no charge. During the balance of the warranty ICC will provide replacement chimney lengths at 50% of the current retail price at the time of the warranty claim.

ICC will not be responsible for labour of any kind required in the removal or replacement of an EXCEL system replaced under this warranty.

This chimney is designed to vent residential heating oil, untreated wood, low sulphur coal, and natural or LP gas. It is designed to operate at a continuous temperature of 650°C or less. It is not designed to vent condensing oil or gas appliances. This warranty is void if the chimney is used in an application for which it is not designed.

The EXCEL system must be installed according to the Installation Instructions included with every system at the time of purchase. If you do not have a set of installation instructions they are available free upon request. This warranty is void if the chimney is not installed according to the installation instructions.

This warranty may not be extended or modified by our agents or representatives. This warranty is in lieu of all other express warranties or guarantees, of any kind.

EXCEL FACTORY BUILT CHIMNEY INSTALLATION AND MAINTENANCE INSTRUCTIONS

A MAJOR CAUSE OF CHIMNEY RELATED FIRES IS FAILURE TO MAINTAIN REQUIRED CLEARANCES (AIR SPACE) TO COMBUSTIBLE MATERIALS. IT IS OF UTMOST IMPORTANCE THAT THIS CHIMNEY BE INSTALLED ONLY IN ACCORDANCE WITH THESE INSTRUCTIONS.

This chimney is intended for use with solid, liquid and gas fired appliances, including wood fired stoves, fireplaces and furnaces.

Maximum continuous flue gas temperature:	1000°F
Brief forced firing:	1400°F
Tested to: (3x 10 minutes)	2100°F

The chimney should be the size recommended by the appliance manufacturer.

Use only ICC Model EXCEL components. Failure to do so will void the certification and warranty of the product.

Keep these installation and operating instructions in a safe location for future reference.

Contact local building or fire officials about restrictions and installation inspection in your area.

EXCEL has been tested and listed to the UL-103HT chimney standard by Intertek Testing Services
Listing # 50195-C7-703403



INDUSTRIAL CHIMNEY COMPANY INC
400 J.F. Kennedy, St-Jerome
Quebec, Canada, J7Y 4B7
Tel. : (450) 565-6336 Fax: (450) 565-6519
<http://www.icc-rsf.com>

XLUSA-II_10-05

FOR USA ONLY

INSTALLATION INSTRUCTIONS

TYPICAL INSTALLATIONS

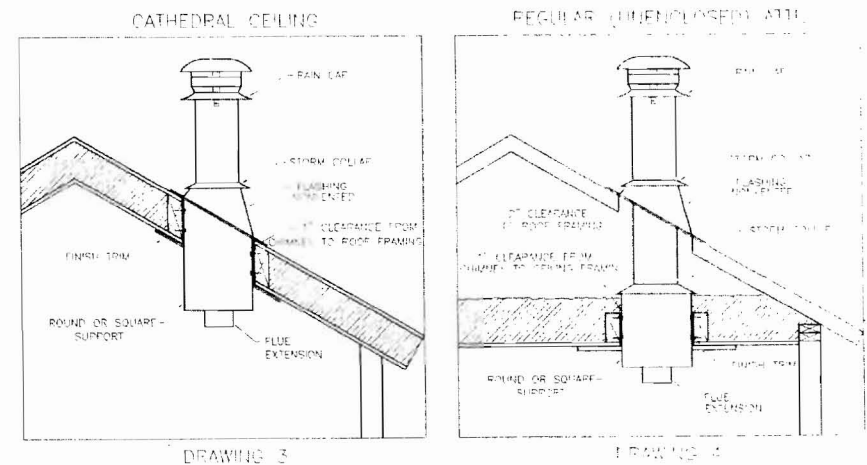
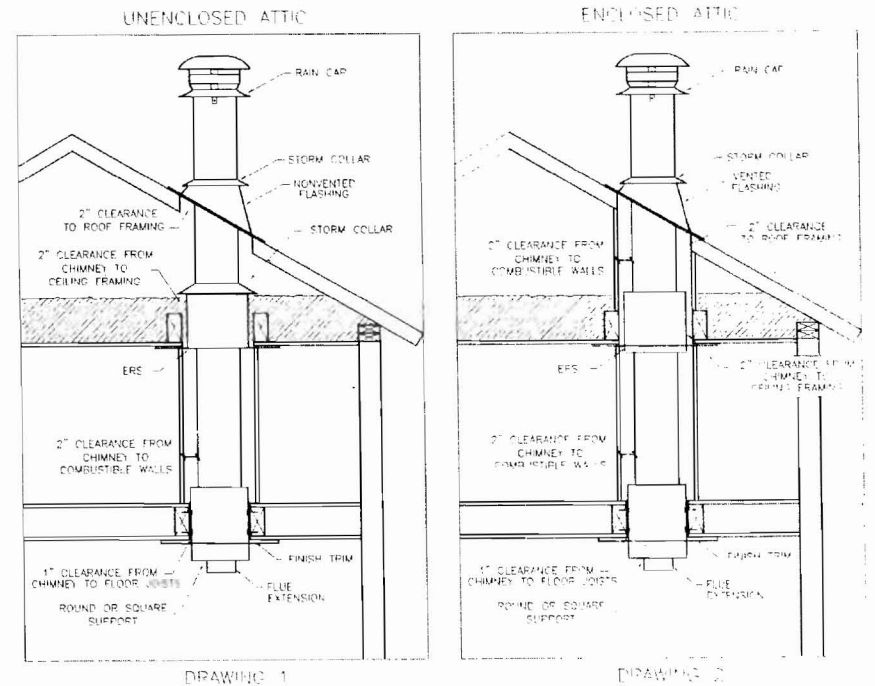
If the support is installed in a ceiling with an attic directly above, the support also acts as the attic radiation shield when installed with an universal storm collar (ESC).

1. Locate the chimney in a convenient place as near as possible to the appliance outlet. Cut and frame the holes in the floor, ceiling and roof where the chimney will pass. Refer to the technical specifications on page 3 to determine the required rough opening for the support model and size you are installing.

NOTE - Look Up - The round and square supports are designed to protect the surrounding combustible materials and as a result they permit 1" clearance from the chimney to combustible framing - in the area that they protect. When these supports are installed in a roof truss insure that the chimney has 2" clearance at the top of the truss. This may require you to block out the support at the bottom. Another option is to install a support extension (see page 22). Trim the support extension flush with the roof, this will permit the chimney to pass within 1" of the truss.

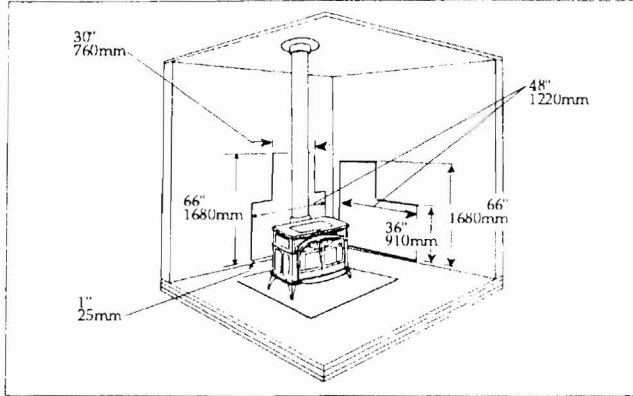
2. From below, push the support into the framed hole. The support must protrude at least 3" below the finished ceiling. Nail the support to the framed joist using 8 - 3" spiral nails or # 8 X 1 1/2" wood screws. Place the Finish Collar around the support and fasten it to the ceiling using the two screws provided. Note: If you are using a 6" square support you may find it difficult to screw it in place because there is not much room inside it. We have provided angle brackets with this support which can be screwed to the outside of the support box and nailed to surrounding framing as required. Use a minimum of four # 8 X 1/2" screws per bracket. In some cases these brackets may need to be trimmed (e.g.: to fit under a flashing).
3. Fasten the flue extension (EX) to the first length of chimney with the three screws provided. Place the first section of chimney into the support with the flue extension protruding through the hole in the support. When installing additional sections of chimney line up the vertical seams to insure that the pre-punched screw holes line up with the slots in the outside casing.

If the chimney passes through additional floors above the support follow instruction 4. If the chimney passes directly into the attic without going through another floor proceed to instruction 5.

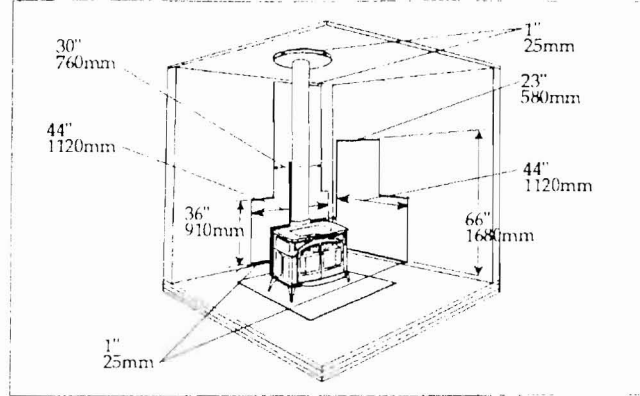


4. Install additional chimney lengths as required making sure that you install a radiation shield (ERS) where the chimney penetrates the ceiling - the ERS should be installed from the bottom, screw or nail the ERS solidly to the framing.

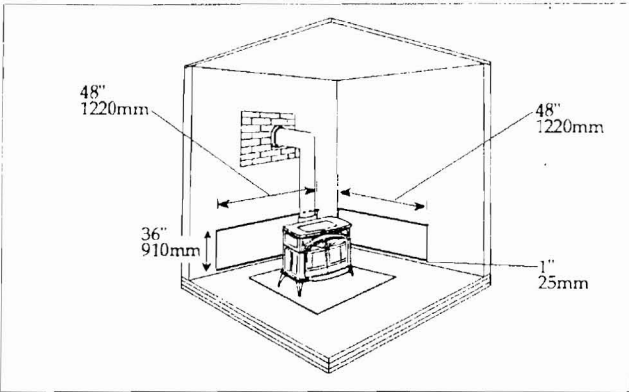
Wall Shield Requirements for Some Common Defiant Encore Installations



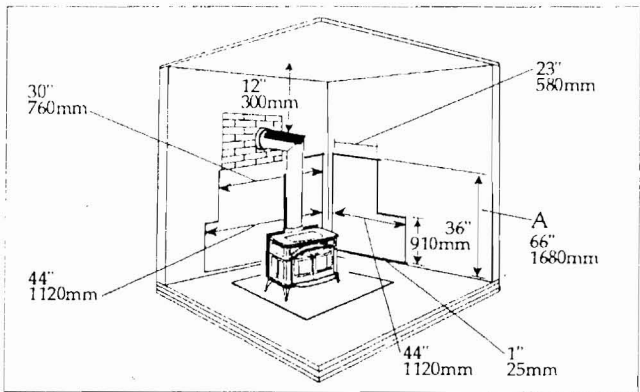
Parallel installation, vertical chimney connector, two wall shields. Reduced clearances for both rear and side walls. Wall shields may meet at corner if desired. Shielding for connector is centered behind connector.



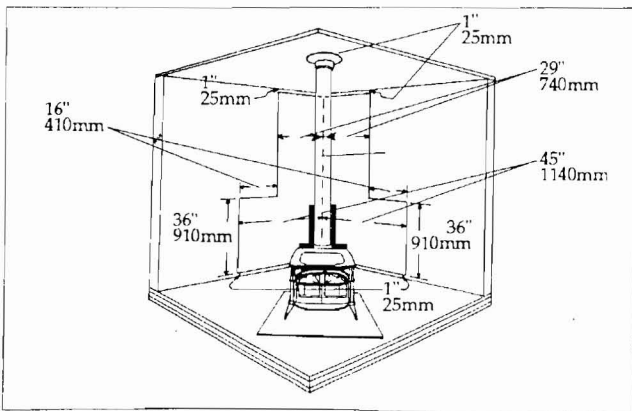
Parallel installation, vertical chimney connector, with stove, connector and wall shields. Maximum reduction for both rear and side walls. Wall shields may meet at corner if desired. A heat shield 24" (610mm) in diameter suspended 1" (25mm) below the ceiling must surround the chimney.



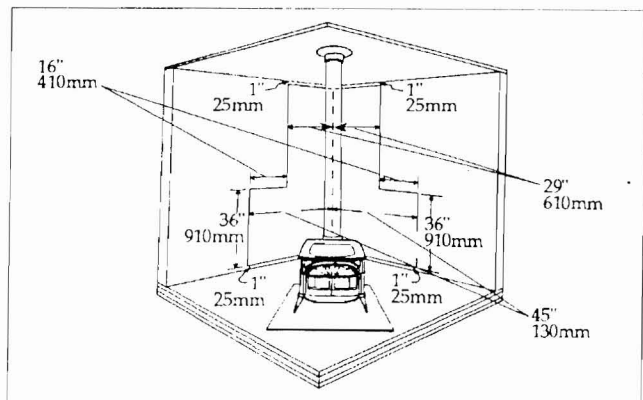
Parallel installation with rear wall pass-through, two wall shields. Reduced clearances to both rear and side walls. Wall shields may meet at corner if desired. Shielding for connector is centered behind connector. Wall pass-through must comply with codes. See "Special Installations".



Parallel installation with rear wall pass-through with stove, connector and wall shields. Wall shields may meet at corner if desired. Connector shield extends 28" (710mm) above flue collar, or to the elbow, whichever is less. Height "A" must be 66" (1680mm) or reach the thimble. Pass-through must comply with codes. See "Special Installations".



Corner installation, vertical chimney connector, with rear, stove, connector and wall shields. Wall shields **MUST** meet at corner. Connector heat shield extends 28" (710mm) above flue collar. A 24" (610mm) diameter ceiling heat shield must surround the chimney and be suspended 1" (25mm) from ceiling.



Corner installation, vertical chimney connector, two wall shields. Reduced side clearances. Wall shields **MUST** meet at corner.

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

 X **Final inspection required at completion of work.**

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANICES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.



Signature of Applicant/Designee



Date



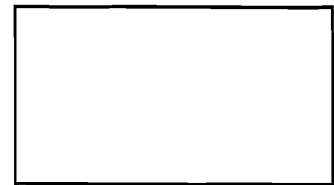
Signature of Inspections Official

Date



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



272 B-009

To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 264 Holm Ave Use of Building Home Date 1/2/09
 Name and address of owner of appliance Richard E. Farnsworth
264 Holm Ave Portland, ME
 Installer's name and address Same
 Telephone 749-6929

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Vermont Castings Defiant/Encore
 U.L. Approved Yes No catalytic wood stove

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

The Type of License of Installer:

- Master Plumber # _____
- Solid Fuel # _____
- Oil # _____
- Gas # _____
- Other _____

Type of Chimney:

- Masonry Lined
Factory built ~~brick~~ ss
- Metal UL-103HT
Factory Built U.L. Listing # 50195-C7-703403
- Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ _____

Permit Fee: \$ 40.00

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Chp Hill
 Inspector's Signature 01/02/09
 Date Approved

Signature of Installer [Signature]