

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 10-1015	Issue Date:	CBL: 151A A006001
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Location of Construction: 9 CORNELL ST	Owner Name: RICHARD MELISSA	Owner Address: 9 CORNELL ST	Phone:
Business Name:	Contractor Name: Charles Fortin	Contractor Address: 30 Monument Street Portland	Phone: 2079394515
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R-5 Prime

Past Use: Single Family Home	Proposed Use: Single Family Home - install a Pensotti oil boiler in basement	Permit Fee: \$100.00	Cost of Work: \$7,800.00	CEO District: 4	SMN ILL in REAR
		FIRE DEPT: <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied <i>NA</i>	INSPECTION: Use Group: <i>U</i> Type: <i>HVAC</i> <i>TWC 2003</i>		

Proposed Project Description:
install a Pensotti oil boiler in basement

Signature: _____ Signature: _____

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: Idobson	Date Applied For: 08/18/2010	Zoning Approval		
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<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building permits do not include plumbing, septic or electrical work.</p> <p>3. 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..</p>	<p>Special Zone or Reviews</p> <p><input type="checkbox"/> Shoreland</p> <p><input type="checkbox"/> Wetland</p> <p><input type="checkbox"/> Flood Zone</p> <p><input type="checkbox"/> Subdivision</p> <p><input type="checkbox"/> Site Plan</p> <p>Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/></p> <p>Date: <i>8/19/10</i></p>	<p>Zoning Appeal</p> <p><input type="checkbox"/> Variance</p> <p><input type="checkbox"/> Miscellaneous</p> <p><input type="checkbox"/> Conditional Use</p> <p><input type="checkbox"/> Interpretation</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>	<p>Historic Preservation</p> <p><input checked="" type="checkbox"/> Not in District or Landmark</p> <p><input type="checkbox"/> Does Not Require Review</p> <p><input type="checkbox"/> Requires Review</p> <p><input type="checkbox"/> Approved</p> <p><input type="checkbox"/> Approved w/Conditions</p> <p><input type="checkbox"/> Denied</p> <p>Date: _____</p>
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PERMIT ISSUED

AUG 23 2010

City of Portland

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
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RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE	DATE	PHONE
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Permit No: 10-1015	Date Applied For: 08/18/2010	CBL: 151A A006001
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Location of Construction: 9 CORNELL ST	Owner Name: RICHARD MELISSA	Owner Address: 9 CORNELL ST	Phone:
Business Name:	Contractor Name: Charles Fortin	Contractor Address: 30 Monument Street Portland	Phone (207) 939-4515
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home - install a Pensotti oil boiler in basement	Proposed Project Description: install a Pensotti oil boiler in basement
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Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 08/19/2010

Note: **Ok to Issue:** ✓

- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages.
- 2) This is NOT an approval for an additional dwelling unit. You SHALL NOT add any additional kitchen equipment including, but not limited to items such as stoves, microwaves, refrigerators, or kitchen sinks, etc. Without special approvals.
- 3) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 4) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Tammy Munson **Approval Date:** 08/23/2010

Note: **Ok to Issue:** ✓

- 1) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules

PERMIT ISSUED

AUG 23 2010

City of Portland



FILL IN AND SIGN WITH INK

PERMIT ISSUED

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT

AUG 23 2010

City of Portland

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 151-AAC Use of Building RES. SINGLE FAM Date 8-7-2010
 Name and address of owner of appliance MELISSA + MICHAEL CHASON
9 CORNELL STREET PORTLAND, MAINE
 Installer's name and address CHARLES A. FORTIN 30 MONUMENT STREET
PORTLAND, MAINE 04101 Telephone 207-939-4515

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid

Appliance Name: PENSOTTI-PENSOTTI

U.L. Approved Yes No

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 # MS 1937
 Solid Fuel # MS30000997
 Oil # MS30000997
 Gas # _____
 Other _____

Type of Chimney:

- Masonry Lined **RECEIVED**
 Factory built _____

- Metal AUG 18 2010
 Factory Built U.L. Listing # _____
 Dept. of Building Inspections
 City of Portland Maine
 Direct Vent
 Type _____ UL# _____

Type of Fuel Tank

- Oil ALL READY THERE
 Gas

Size of Tank 330 GAL

Number of Tanks 2

Distance from Tank to Center of Flame 9' 10" feet.

Cost of Work: \$ 7,800.00

Permit Fee: \$ _____

Approved

Approved with Conditions

Fire: _____

See attached letter or requirement

Ele.: _____

Bldg.: _____

Inspector's Signature

Date Approved

Signature of Installer Charles A. Fortin

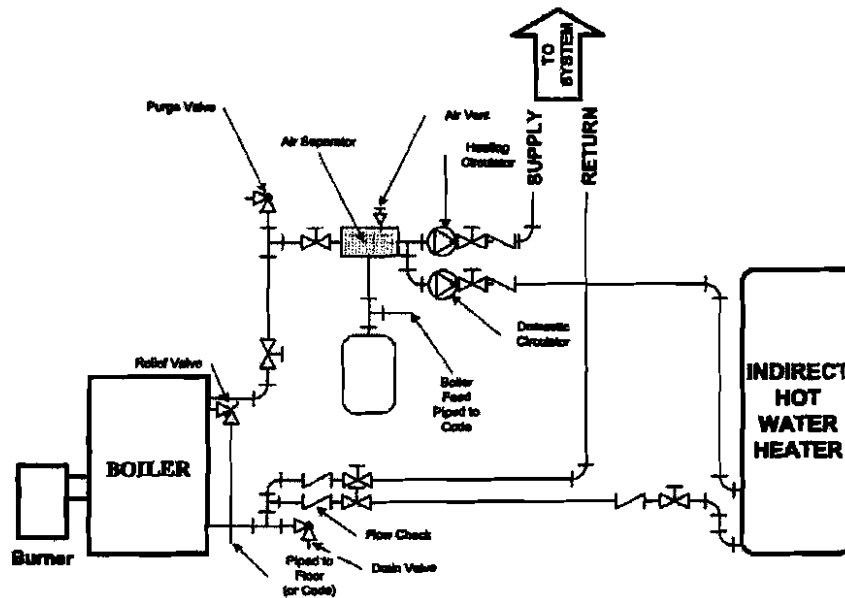


Figure 4

Figure 4 shows a typical installation with domestic hot water supplied by an indirect heater and with no by-pass loop installed.

WARNING	A proper burner harness must be used to avoid energizing of the burner with the mounting plate open. Otherwise severe burns to personnel may develop.
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WIRING

All external wiring must be performed in compliance with existing electrical codes within the local jurisdiction. In the United States this is generally the NATIONAL ELECTRICAL CODE, NFPA70. In Canada the C,S,A, STANDARD C22-1 and the Canadian Electrical Code. Connections should be carried out in accordance with this manual and only by qualified individuals.

- The boiler and burner should only be operated on 120 Vac.
- Field connections should be properly sized and protected with a minimum 15 amp fuse or circuit breaker.
- A separate fused disconnect must be installed as required by code so that power can be shut off for servicing.
- The boiler must be ground to the water piping or the main service ground.
- Room thermostats should be installed or relocated away from cold drafts, air currents, lamps, televisions, or sunlight. Set the heat anticipator on the thermostat to match the operating control. Connect the thermostat leads to the circulation pump operating control or aquastat as applicable.
- All electrical devices shall have cover plates, enclosures and guards that must be

For boilers with RIELLO burners, the connections must be made in a manner to insure that there is no crossing of the neutral with the phase, a proper ground is provided, and all three wires are connected to the operating control.

RENSSELAER

1824-1825

Machine No. 1000

RENSSELAER

1824-1825

Machine No. 1000

This manual is presented in a sequence that allows for an orderly trouble free installation. We suggest that you follow the instructions in order eliminate potential hazards.

Prior to system installation there should be an inspection of the chimney or proposed vent system to determine that the condition is acceptable. Repair or replace any defects in the chimney liner. The vent system and installation must be in compliance with NFPA-211 or local building codes. Improperly sized vent systems can cause poor burner operation, sooting, odor or condensation that might create chimney damage. Installation of Barometric draft controls can insure adequate draft. A minimum draft required at the vent collar is $-.01$ " W.C.

CLEARANCES

Proper clearances must be maintained not only from combustible materials but also to provide adequate access for servicing. All installations must comply with local codes and NFPA-31 and NFPA-211. Consult local fire codes for required clearances. Connections to chimney must be made with the proper gauge thickness and diameter of fluepipe as required by NFPA-211.

MINIMUM SERVICE CLEARANCES

Front- 8in. from the front of the oil burner
Back- 18in. from the back of the unit.
Left- 18in. from the side panel of the unit
Right- 1in. from the side panel of the unit

MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

Front - 18in. from the front of the oil burner
Back - 18in. from the back of the unit
Left - 18in. from the left side panel of the unit.
Right- 1in. from the right side panel of the unit.
Chimney connector- 18in. from the chimney connector.

CAUTION

Adequate air supply for both combustion and ventilation must be available.

COMBUSTION AND VENTILATION AIR

Installations taking place in traditional unconfined settings such as basements generally have an adequate supply of both combustion and ventilation air.

In situations where the boiler is to be located in a confined space with all combustion and ventilation air coming from within the building two openings must be made with an adjoining room with one being near the floor and the other being near the ceiling of the boiler room. These openings must be clear and free of obstacles and measure at least 140 sq. in. per gallon of oil burned per hour.

In instances where the air supply for both combustion and ventilation is to come from outside the building two air openings, one near the floor and one near the ceiling, measuring at least 35 sq. in. for each gallon of oil burned per hour.

SOUND

Installation & Operation
Manual
Model SIT-I-O

