

City of Portland, Maine - Building or Use Permit Application

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

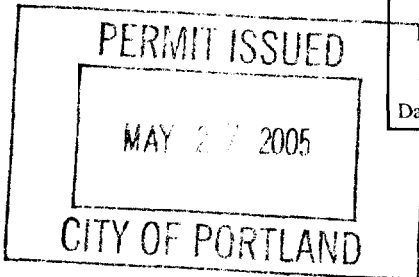
Permit No:	05-0568	City of Portland	063	G010001
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Location of Construction: 157 PINE ST	Owner Name: OPEN SPACE LLC	Owner Address: PO BOX 7665	Phone:
Business Name:	Contractor Name: Provencher Fuels, Inc	Contractor Address: 39 Cleaves ST. Biddeford	Phone: 2072848068
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: E-4

Past Use: Condo	Proposed Use: Condo/ install HVAC unit in Basement and Attic	Permit Fee: \$606.00	Cost of Work: \$64,500.00	CEO District: 2
<i>legal use: 2 residential condominium D.U. only</i>		FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: HVAC	
		Signature: <i>Jay Kelly</i> P.F.D. 5/13/05	Signature: <i>MB</i> 5/26/05	
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: Idobson	Date Applied For: 05112/2005	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 <input type="checkbox"/> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM	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	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: <i>5/19/05</i>	Date:	Date: <i>requires SA separate Review: Approved</i>



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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Permit No: 05-0568	Date Applied For: 05/12/2005	CBL: 063 G010001
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Business Name:	Contractor Name: Provencher Fuels, Inc	Contractor Address: 39 Cleaves ST. Biddeford	Phone (207) 284-8068
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	
Proposed Use: Condo/ install HVAC unit in Basement and Attic		Proposed Project Description: install HVAC unit in Basement and Attic	

Dept: Historical **Status:** Approved **Reviewer:** Deborah Andrews **Approval Date:** 05/17/2005
Note: ok per D. Andrews - added her approval **Ok to Issue:**

Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 05/19/2005
Note: 5/18/05 Tammy passed permit to Marge **Ok to Issue:**

Dept: Building **Status:** Approved **Reviewer:** Jeanine Bourke **Approval Date:** 05/26/2005
Note: **Ok to Issue:**

- 1) The installation must comply with the State of Maine Gas Regulations.
- 2) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules

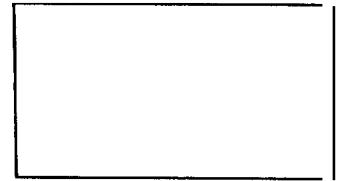
Dept: Fire **Status:** Approved **Reviewer:** Jay Kelley **Approval Date:** 05/13/2005
Note: **Ok to Issue:**

- 1) Install to manufacturers specifications



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



43 6010

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 157 PINE ST PORTLAND Use of Building RESIDENTIAL/COND^O Date 5/10/05
 Name and address of owner of appliance MS. LISA FOLEY P.O. BOX 7665 PORTLAND
- PINE ST PORTLAND
 Installer's name and address PROVENCER FUELS 139 CLAVES ST. BIDDEFORD
 Telephone _____

Location of appliance:

- Basement Floor
 Attic Roof

Type of Fuel:

- Gas Oil Solid

Appliance Name: VIPSSMANN VITODENS /JUNK

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 # _____
 Solid Fuel # _____
 Oil # MS.3000/1177
 Gas # PNT4782
 Other _____

Type of Chimney:

- Masonry Lined
 Factory built _____

- Metal
 Factory Built U.L. Listing # _____

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: \$ 64,500

Permit Fee: \$ _____

Approved

Fire: _____

Ele.: _____

Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer _____

BECKER
structural engineers, inc.

May 6, 2005

Ms. Lisa Foley
PO Box 7665
Portland, ME 04112

Re: 157 Pine Street Condominiums

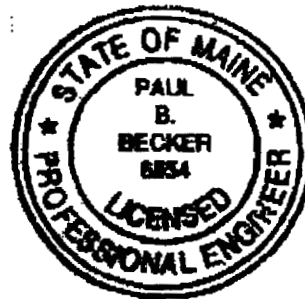
Dear Ms. Foley,

Per your request we have reviewed the roof rafters for the 157 Pine Street Condominiums project for supporting a hanging mechanical unit having a unit weight of no more than 200 lbs being equally distributed between at least two rafters. This occurs at two locations, one for each condominium. We find the roof structure adequate to support this load.

If you have any questions, please give me a call.

Sincerely,

Becker Structural Engineers, Inc.


Paul B. Becker, P.E.
President

Cc: File

27 x 10
+ 270

Provencher

139 Cleaves Street Biddeford, ME 04005
(207) 284-8068 or (800) 300-4600

Fuels Inc.

E-MAIL prooiicrr@maine.rr.com

Proposal submitted Lisa Foley Phone: 6534149 Date: 04/04/2005
Street PO BOX 7665 Job 15~~f~~ Pine St. Portland
City, State & Zip Code Portland Maine 04102

We hereby submit specifications and estimates for:

Heating and cooling for condo project

Heating:

- **Mechanicals** to be installed in the mechanical **room** in the basement
- Installation of two Viessmann **Vitodens** condensing gas boilers in the mechanical room vented through the sidewall
- Installation of a Viessmann low loss header and neutralization **kit** for the condensate
- Install the gas lines from the boiler to the natural gas meters
- Installation of two **MS-53** indirect hot water heaters for domestic hot water (domestic hot and cold water lines shall be installed by the plumbing contractor)
- Installation of four Unico air handlers with heating **and** cooling coils. **Two** in the basement and **two** in the attic area (one of the attic units may have to be located in the cellar area, to be determined during construction.) the attic units shall be supported from the rafters and supported with **uni-strut** and a drip pan. Suspension of the cellar units **to** be determined at the time of installation.
- Install spiral tube duct and insulate for distribution to heating areas
- Install **return** air boxes with **filter racks**. **All** duct work shall be insulated
- Install Unico high **velocity 2"** duct to all rooms. Different trims are available upon request
- Installation of refrigeration line set and
- **All** necessary cooling piping
- Installation of all **low** voltage wiring
- **Others shall do line voltage 220V** wiring, **not on this proposal**
- Each air handler shall be controlled with an individual thermostat
- **All** work to conform to state and local codes
- Install heat pipes for Unico air handler zones piped back to Vitodens and control system
- Zoning shall be done with valves and taco controllers
- Install **all** line and **low** voltage neat boiler wiring **and** thermostats
- install glycol in the attic units to protect from freezing.
- All piping shall be **PEX** and type **M** copper
- Installation of four American Standard **10** Seer condensers on pads outside of building, install line sets to each unit and charge, install cooling coils on Unico air handlers, complete **low** voltage wiring **for A/C system** to operate. Line voltage of

condensers would have to be supplied by the electrician on site; this is not in this proposal.

The above can be installed as specified for the consideration of \$64,500.00 *X 27000* *CF*

Boiler option: I have another very good boiler, the BAXI-HT condensing boiler available at \$2000.00 less per unit *CF*

Note: we may withdraw this proposal if not accepted within 30 days.

Terms: 30% to be paid upon acceptance of the proposal with progress payments to be made upon and request and inspection. The balance to be paid upon request at the completion of the job

ACCEPTANCE OF PROPOSAL – The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature: *E. J. Jay*

Date of acceptance *4/20/2005*

Signature: _____

Safety

Important Regulatory and Installation Requirements (continued)

Top	Front	Rear	Left	Right	Vent pipe
0"/mm	0"/mm	0"/mm	0"/mm	0"/mm	0"/mm

Top	Front	Rear	Left	Right
12"/305 mm	28"/711 mm	0"/mm	6"/152 mm	0"/mm

For coaxial venting systems only:

In the event of flue gas leakage, the boiler enclosure provides a tightly sealed system on the inside of the building. Escaping flue gas is fed back into the combustion air intake, preventing any flue gas from entering the living area.

The venting system may be concealed in a chase.

Minimum and maximum wall thickness through which the horizontal vent-air intake termination may be installed:

Minimum: 1"/25.4 mm
Maximum: 19.6"/497.8 mm

Vent-air intake system must be properly installed and sealed.

⚠ WARNING

The Vitodens 200 boiler is NOT approved for common-venting applications. Do not attempt to common-vent the Vitodens 200 boiler with any other appliance.

⚠ WARNING

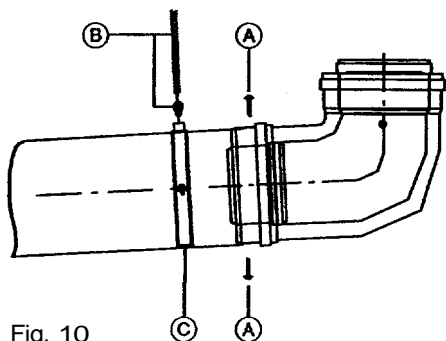
Failure to ensure that all flue gases have been safely vented to the outdoors can cause property damage, severe personal injury, or loss of life. Flue gases contain deadly carbon monoxide.

Component Installation Guide (continued)

The vent must be installed observing local regulations in addition to National Codes, ANSI-2223.1 or NFPA 54. A vent must NOT terminate ...

1. ...less than 7 ft./2.13 m above a paved sidewalk or a paved driveway located on public property.
2. ...within 4 ft./1.2 m horizontally from service regulator vents, electric and gas meters as well as relief equipment.
3. ...at least 3 ft./0.9 m above any forced air inlet located within 10 ft./3 m.
4. ...less than 1 ft./0.3 m above grade level or anticipated snow level (consult local building authorities or local weather office). Locate the vent termination in such a way that it cannot be blocked by snow.
5.within 1 ft./0.3 m of a window or door which can be opened in any building, any non-mechanical air supply inlet to any building or the combustion inlet of any other appliance.
6.in areas where condensation may cause problems, such as above planters, patios, or adjacent to windows where flue gases may cause fogging.
7. ...within 3 ft./0.9 m to the property line (advisable, not mandatory; please check with local building authorities and municipal bylaws).
8. ...at a location where ice formation on the ground can present a hazard.
9. ...so that the flue gases are directed toward brickwork, siding, or other construction, in such a manner that may cause damage from heat or condensate from the flue gases.
10.where discharging hot flue gases may cause property damage or personal injury.
11.within 3 ft./0.9 m from an inside corner of outside walls.

Installation of Anchoring System



The venting system must be securely supported by an anchoring system suitable for the weight and design of the materials employed. To do so, use supplied mounting clips (see C Fig. 10, Fig. 11).

If a longer anchoring system is required use brass adaptors M8 x 5/16" (supplied) with 5/16" all-threaded rods (B) (field supplied). See Fig. 11.

The joints in the horizontal section of the Vitodens 200 venting system must be secured with the supplied sheet metal screws (A) (see Fig. 9) to prevent the system from sagging .

The venting system must be supported as outlined by one anchor per straight vent pipe. Viessmann recommends the installation of the anchor(s) near the vent joint. See illustration (Fig. 3) of side wall venting layout on page 10 of this manual.

The 4"/101.6 mm screws (D) supplied with the mounting clip provide wall or ceiling support for a

- minimum distance of 2"/50.8 mm
- maximum distance of 3 1/4"/82.5 mm.

See Fig. 11.

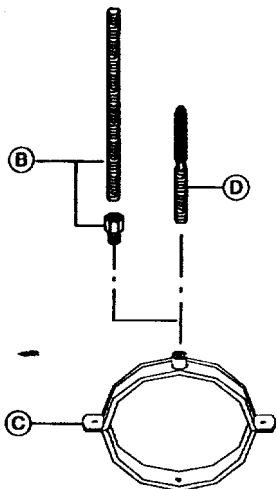


Fig. 11

157 Pine St.:

OPEN SPACE

LLC

151 Pine St.:

THIRD SPACE LLC