

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT



This is to certify that

BERNARD BENJAMIN D & VICTORIA K BERNARD
JTS/Revision Heat

PERMIT ID: 2013-00198

Located at

38 TORREY ST

CBL: 155 D009001

has permission to **HVAC install of Kedel 56K heater**

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be procured prior to occupancy.

Fire Prevention Officer

JR 02/15/13

Code Enforcement Officer / Plan Reviewer

**THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
THERE IS A PENALTY FOR REMOVING THIS CARD**

PERMIT ID: 2013-00198

Located at: 38 TORREY ST

CBL: 155 D009001

BUILDING PERMIT INSPECTION PROCEDURES
Please call 874-8703 (ONLY)
or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

REQUIRED INSPECTIONS:

Close-in Plumbing/Framing
Final Inspection

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.

City of Portland, Maine - Building or Use Permit

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

Permit No: 2013-00198	Date Applied For: 01/29/2013	CBL: 155 D009001
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Location of Construction: 38 TORREY ST	Owner Name: BERNARD BENJAMIN D & VICT	Owner Address: 38 TORREY ST	Phone:
Business Name:	Contractor Name: Revision Heat	Contractor Address: 1053 Forest Avenue Portland	Phone (207) 221-5677
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family	Proposed Project Description: HVAC install of Kedel 56K heater
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Dept: Zoning	Status: Approved	Reviewer: Marge Schmuckal	Approval Date: 01/29/2013
Note:	Ok to Issue: <input checked="" type="checkbox"/>		

Dept: Building	Status: Approved w/Conditions	Reviewer: Jon Rioux	Approval Date: 02/15/2013
Note:	Ok to Issue: <input checked="" type="checkbox"/>		

- 1) A Carbon Monoxide (CO) alarms shall be installed in each area within or giving access to bedrooms. That detection must be powered by the electrical service (plug-in or hardwired) in the building and battery.

Hardwired photoelectric interconnected battery backup smoke alarms shall be installed in each bedroom, protecting the bedrooms, and on every level. A field inspection will verify your current smoke detector arraignment and the City's minimal code requirements.
- 2) There must be a 2" clearance maintained between the chimney and any combustibile material, with draft stopping per code at each level.
- 3) Note: Installer shall provide full manafucaturers specifications for the appliance and venting to the field inspector.
- 4) A copy of the enclosed chimney or fireplace NFPA 211 disclosure must be submitted to this office upon completion of the permitted work or final inspection.
- 5) This appliance/stove shall be installed, operated and maintained per the manufacturers specifications and the UL listing

City of Portland, Maine - Building or Use Permit Application
 389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 2013-00198	Issue Date:	CBL: 155 D009001
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Location of Construction: 38 TORREY ST	Owner Name: BERNARD BENJAMIN D & VICTORIA K BERNARD JTS	Owner Address: 38 TORREY ST PORTLAND, ME 04103	Phone:
Business Name:	Contractor Name: Revision Heat	Contractor Address: 1053 Forest Avenue Portland ME 04103	Phone (207) 221-5677
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: R3
Past Use: Single Family	Proposed Use: Single Family	Permit Fee: \$210.00	Cost of Work: \$19,000.00
Proposed Project Description: HVAC install of Kedel 56K heater		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input type="checkbox"/> N/A	INSPECTION: Use Group: <i>NFPA 211 HVAC</i> Type: <i>(MUBEC)</i> Signature: <i>[Signature]</i>
		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: bjs	Date Applied For: 01/29/2013	Zoning Approval
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1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building permits do not include plumbing, septic or electrical work. 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..	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 checked="" type="checkbox"/> MM <input type="checkbox"/> Date: <i>01/29/13</i>	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 checked="" 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>[Signature]</i>
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CERTIFICATION

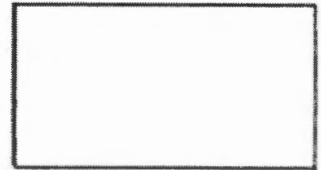
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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



FILL IN AND Sign WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



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 38 Torrey Use of Building Residence Date 1/22/13
 Name and address of owner of appliance Ben & Victoria Bronas
38 Torrey St Portland ME 04103
 Installer's name and address REVISION HEAT 1053 FOREST AVE PORTLAND ME 04103
 Telephone 207 221-5677

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: KEDCI Stk

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 // MS 30008870
- Oil# _____
- Gas# _____
- Other- _____

Type of Chimney:

- Masonry Lined
Factory built
- Metal
Factory Built U.L. Listing # _____
- Direct Vent
Type _____ U.L.# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank N/A

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 19000

Permit Fee: \$ 210⁰⁰

Approved

Approved with Conditions

Fire: _____

See attached letter or requirement

Elec.: _____

Bldg.: _____

Inspector's Signature

Date Approved

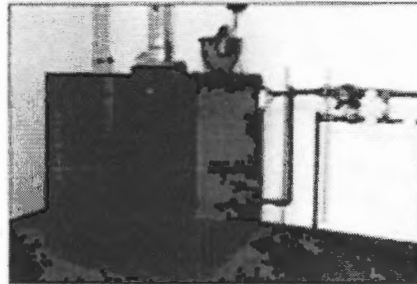
Signature of Installer _____

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy

The design of the boiler room and the installation of the wood pellet boiler must be in compliance with the applicable local, state, and federal rules, building and electrical codes, environmental authorities, fire regulations and labor inspectorate. For advice regarding the rules and regulations governing the design, approval, and installation of your wood pellet boiler system we recommend that you contact a Kedel authorized full service dealer and/or seek advice and guidance from your local chimney sweep or similar.

Below you will find the boiler room specifications. This will cover topic areas that include:

1. **Wall and Ceiling Materials**
2. **Distances Surrounding the Boiler**
3. **Flooring Material**
4. **Area and Lighting**
5. **Chimney Requirements**
6. **Ventilation**
7. **Fuel**
8. **Forbidden Chemicals and Materials**
9. **Preventing Chimney Condensation**



1. **Wall and Ceiling Materials**

As a minimum, ceiling surfaces must consist of Class 1 material. If the ceiling happens to be the underside of the roof, the ceiling material must be non-combustible. As a minimum wall cladding must be made of at least a Class 2 material.

2. **Distances Surrounding the Boiler**

The boiler must be installed in such a way that all maintenance points can be easily accessed. No less than 18" clearance must be provided around the sides of the boiler. The flue pipe must be at least 18" from any combustible material unless appropriately covered with a non-combustible material. No less than 36" must be left unobstructed in front of the boiler.

3. **Flooring Material**

Floors must consist of (or covered with) non-combustible material under and around the boiler. There must be non-combustible flooring or material at a minimum of 12" from the boiler side and 20" from the front of the boiler.

4. **Area and Lighting**

Area around the heating system must be large enough to allow for effective cleaning and operation of the pellet boiler system. There must also be adequate lighting so that care and maintenance can be performed safely.

5. **Chimney Requirements**

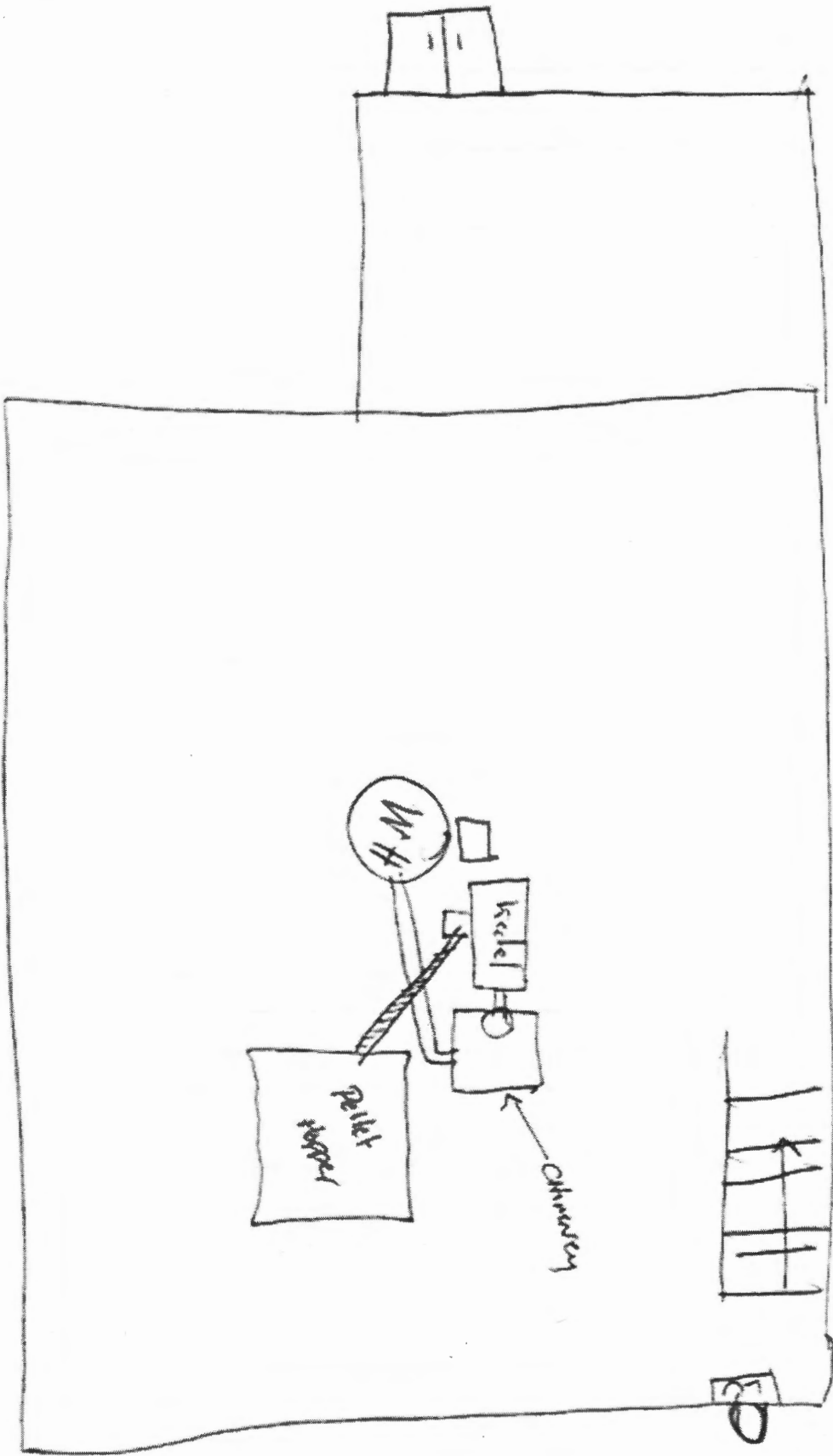
Chimneys must have a diameter and height that allows for adequate draft. To ensure proper function of the boiler, a draft of at least .04" of H₂O must be measured at the breach of the boiler when it is cold. If the draft is less than .04" of H₂O, a draft inducing fan that is rated for wood pellet equipment should be installed.



Warning! If there is not enough draft in the chimney, smoke may linger in the boiler and seep through small cracks allowing toxic fumes to enter into the house and could cause harm or death. It is highly recommended to install a CO alarm and a fire detector in the same room as the boiler.



Important! It is important that the chimney is high enough above the building to ensure that the smoke does not bother the surrounding houses. The size of the chimney opening must match the amount of flue gas required to pass.





kedel

Installation, Operation & Maintenance Manual



Distributed by: Interphase Energy
1021 Forest Ave.
Portland, ME 04106
800-570-2090



EN1057-5, UL399, UL507, CSA336-1, ETL