

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that JOHN D LICHTMAN

Located At 92 CLARK ST

Job ID: 2011-11-2601-HVAC

CBL: 057- C-035-001

has permission to Install Rinnai Direct Vent on 2nd floor

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

11/30/2011

Fire Prevention Officer


Code Enforcement Officer / Plan Reviewer

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

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (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:

1. Final Inspection upon completion of work.

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.



PORTLAND MAINE

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Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-11-2601-HVAC

Located At: 92 CLARK ST

CBL: 057- C-035-001

Conditions of Approval:

Zoning

1. ANY exterior work requires a separate review and approval thru Historic Preservation. This property is located within an Historic District.
2. With the issuance of the certificate of occupancy for permit #10-0330, this property shall remain a four family dwelling. Any change of use shall require a separate permit application for review and approval.

Building

1. Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.
2. Ventilation of this space is required per ASRAE 62.2 or 62.1, 2007 edition.
3. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
4. The installation must comply with the State of Maine Gas Regulations.
5. Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules
6. This appliance/stove shall be installed, operated and maintained per the manufacturers specifications and the UL listing
7. Maintain proper setback(s) from property lines/buildings and proper clearances from vertical openings when direct venting

Fire

Installation shall comply with City Code Chapter 10.

Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.

Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*;

NFPA 54, *National Fuel Gas Code*;

NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*;

NFPA 91, *Standard for Exhaust Systems for Air Conveying Vapors, Gases, Mists, and Noncombustible Particulate Solids*;

NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

R4
h/bz



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 92 CLARK Street 57-C-35 Use of Building Apts Date 11/2/11
 Name and address of owner of appliance J.D. Litchman
92 CLARK Street, Portland Me. 04102
 Installer's name and address Gelinas HVAC Services Inc. 2 Washington Ave
Scarborough, ME 04074 Telephone (207) 885-0771

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: Rinnai
 U.L. Approved Yes No

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

IF NO Explain: _____

Type of Chimney:
 Masonry Lined
 Factory built N/A

Metal
 Factory Built U.L. Listing # N/A

Direct Vent
 Type Rinnai UL# _____

Type of Fuel Tank
 Oil N/A
 Gas N/A

Size of Tank N/A

Number of Tanks N/A

Distance from Tank to Center of Flame N/A feet.

Cost of Work: \$ 1,800 -

Permit Fee: \$ _____

RECEIVED
 NOV - 9 2011
 Dept. of Building Inspections
 City of Portland Maine

11/9/11

Approved

Approved with Conditions

Fire: _____
 Ele.: _____
 Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer William H. Ireland

Gelinas HVAC Services Inc.
2 Washington Ave.
Scarborough, Me. 04074
(207)885-0771

Date: November 2, 2011

To: J.D. Lichman
92 Clark Street
Portland, Me 04102

Re: Replacement of one (1) gas space heaters in the 2nd floor apartment

Gelinas HVAC Services, Inc. is pleased to have this opportunity to offer our services to you. We propose to: Replace the Rinnai space heater in the 2nd floor apartment.

Furnish and Install the following:

- 1) One (1) Rinnai m/n ES-22 Natural gas space heater.
- 2) One (1) Rinnai vent kit. *Vent to terminate directly behind unit.
- 3) All needed Black iron piping, fittings and hangers needed to re-connect unit.
- 4) Proper pressure test of new gas lines.
- 5) Start, test and adjust newly installed heater.
- 6) Proper clean up of work areas.
- 7) Warranty; Gelinas HVAC Services Inc., shall support all manufacture parts/labor warranties. *See manufacture warranty

Please note:

- 1) Proposal does not include any power wiring upgrades of receptacle if needed.
- 2) Proposal reflects utilizing existing gas piping.

The above referenced installation shall be completed for \$1,800.00 One thousand eight hundred dollars and no cents.

Payment terms:

30% upfront with signed proposal
Remaining balance to be billed at completion.

Note:

Installation to begin within three (3) weeks of receipt of the signed contract and deposit given materials are available.

Work to be performed Monday through Friday, 8:30 A.M – 4:30 P.M.

Should installation be stopped for any reason, Gelinac HVAC Services, Inc. shall be paid in full for all labor and materials provided up to point of interruption.

There shall be a one (1) year warranty on labor once installation has been completed.

Materials are covered by manufacturers' warranties.

Should a dispute arise concerning the provisions of this contract or the performance by the parties, the parties agree to settle this dispute by jointly paying for mediation with the attempt to resolve differences.

Any alteration or deviation from the above contractual specifications that results in a revision of the contract price will be executed only upon the parties entering into a written change order.

Prices good, only for fifteen (15) days from said date.

The undersigned has authority as owner or owner's agent to authorize the work described in this contract.

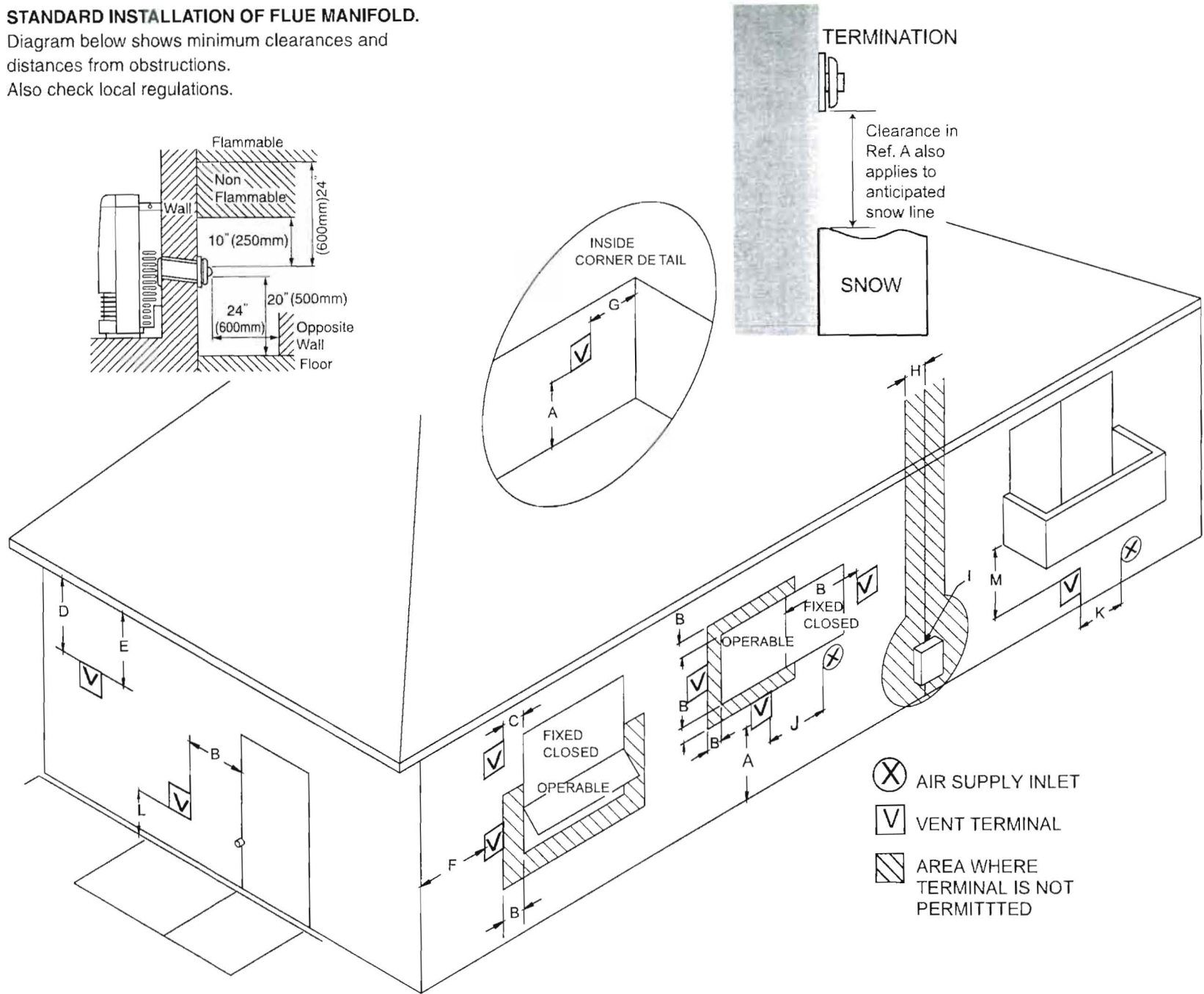
PROPOSED BY: _____ DATE: _____

ACCEPTED BY: _____ DATE: _____

PROPOSAL MUST BE SIGNED AND RETURNED ALONG WITH THE FIRST PAYMENT BEFORE WORK CAN BEGIN. PRICES GOOD, ONLY FOR 15 DAYS FROM THE ABOVE SAID DATE.

STANDARD INSTALLATION OF FLUE MANIFOLD.

Diagram below shows minimum clearances and distances from obstructions. Also check local regulations.



Flue Terminal Clearances

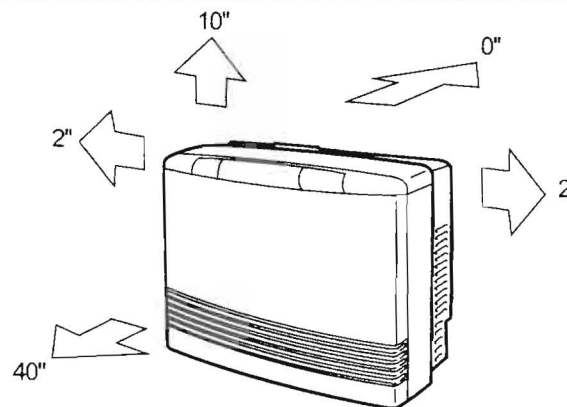
The local gas authority will be able to advise on local regulations.

- The installation must conform with local codes or, in the absence of local codes, with the *National Fuel Gas Code, ANSI Z223.1/NFPA 54*, or the *Natural Gas and Propane Installation Code, CSA B149.1*.
 - A manufactured home (USA only) or mobile home OEM installation must conform with the *Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280*, or, when such a standard is not applicable, the standard for *Manufactured Home Installations, ANSI/NCSBCS A225.1*, or the standard for *Gas Equipped Recreational Vehicles and Mobile Housing, CSA Z240.4*.
 - The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the *National Electrical Code, ANSI/NFPA 70*, or the *Canadian Electrical Code, CSA C22.1*.
 - Appliance input ratings are based on sea level operation and need not be changed for operation up to 2000 ft (609.9 m) elevation. For operation at elevations above 2000 ft (609.9 m), refer to the Conversion Manual.
 - The appliance and its appliance main gas valve
- This appliance is not designed to built in.
 - This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases unless a certified kit is used. If conversion of the unit is needed, conversions must be performed by a qualified service provider at the owner's expense.
 - This appliance must not be connected to a chimney flue serving a separate solid-fuel burning appliance.
 - Rinnai suggests that a dedicated electrical circuit with a 120VAC, 60 hz, 10 amp power source be used.
 - Two 1/8 in test plugs are provided for testing of manifold differential pressure. They are located on the modulating gas valve and on the burner manifold.
 - The appliance should be correctly sized for the space it is required to heat.
 - Follow the installations instructions and those in *Care and Maintenance* for adequate combustion and ventilation air.
 - The flow of combustion and ventilation air shall not be obstructed.
 - Clearances to access the appliance during servicing are 2 inches (50 mm) from the sides. 40

and water, or an equivalent nonflammable solution, as applicable. (Since some leak test solutions, including soap and water, may cause corrosion or stress cracking, the piping shall be rinsed with water after testing, unless it has been determined that the leak test solution is non-corrosive.)

Clearances to Combustibles

When determining where to install the appliance the clearances to combustibles shown in the figure must be followed. Also refer to the Safety Behaviors and Practices section. The clearance to combustibles from the top is zero.



Attach Back Covers (Sides Only)

Attach back covers as shown.

