

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 09-0361	Issue Date: 4/27/09	CBL: 410 F001001
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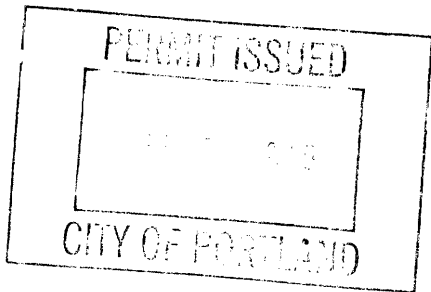
Location of Construction: 76 DEMEREST ST	Owner Name: HABITAT FOR HUMANITY/ GR	Owner Address: PO BOX 10505	Phone:
Business Name:	Contractor Name: Dan Libby	Contractor Address: 271 Milt Brown Rd. Standish	Phone: 2076424768
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone:

Past Use: Single Family Home	Proposed Use: Single Family Home install a prestige boiler in basement	Permit Fee: \$50.00	Cost of Work: \$3,000.00	CEO District: 4
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group R-3 Type: SB IMC-2003 IRC-2003	

Proposed Project Description: install a prestige boiler in basement	Signature:	Signature: <i>CL 4/27/09</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: Ldobson	Date Applied For: 04/24/2009	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> <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: 4/27/09 <i>CLF</i>	<p>Zoning Appeal</p> <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:	<p>Historic Preservation</p> <input type="checkbox"/> Not in District or Landmark <input checked="" 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:
	<p><i>O.K.</i></p>		



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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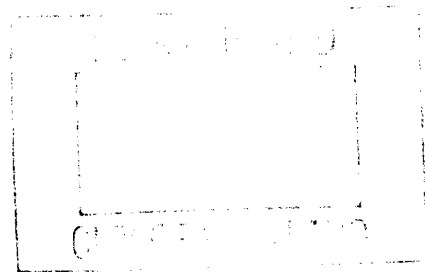
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Location of Construction: 76 DEMEREST ST	Owner Name: HABITAT FOR HUMANITY/ GRE	Owner Address: PO BOX 10505	Phone:
Business Name:	Contractor Name: Dan Libby	Contractor Address: 271 Milt Brown Rd. Standish	Phone: (207) 642-4768
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Single Family Home install a prestige boiler in basement	Proposed Project Description: install a prestige boiler in basement
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Dept: Zoning	Status: Approved	Reviewer: Chris Hanson	Approval Date: 04/27/2009
Note:			Ok to Issue: <input checked="" type="checkbox"/>

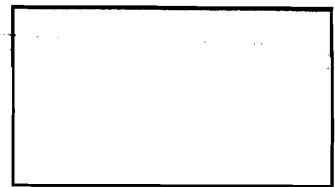
Dept: Building	Status: Approved with Conditions	Reviewer: Chris Hanson	Approval Date: 04/27/2009
Note:			Ok to Issue: <input checked="" type="checkbox"/>
<ol style="list-style-type: none"> 1) Maintain proper setback(s) from property lines/buildings and proper clearances from verticle openings when direct venting. 2) The appliance shall be installed in accordance with the IMC 2003 and NFPA 211. 3) The installation must comply with the State of Maine Gas Regulations. 4) Installation shall comply with 2003 International Mechanical Code 			





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 76 Demerest 410 FI Use of Building Single Family Date 4-24-09

Name and address of owner of appliance Habitat For Humanity

Installer's name and address Dan Libby - Dan Libby Refrigeration Heating - AC
271 Milt Brown Rd, Standish Me. 04084 Telephone _____

Location of appliance:

Basement Floor
 Attic Roof

Type of Fuel:

Gas Oil Solid

Appliance Name: Prestige

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 _____

Metal
Factory Built U.L. Listing # _____

Direct Vent
Type _____ UL# _____

Type of Fuel Tank

Oil
 Gas

Size of Tank 120 gal

Number of Tanks 2

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 3000.00

Permit Fee: \$ 50

The Type of License of Installer:

Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # PNT 56
 Other _____

Approved

Approved with Conditions

Fire: _____
Ele.: _____
Bldg.: _____

See attached letter or requirement

Chris M
Inspector's Signature

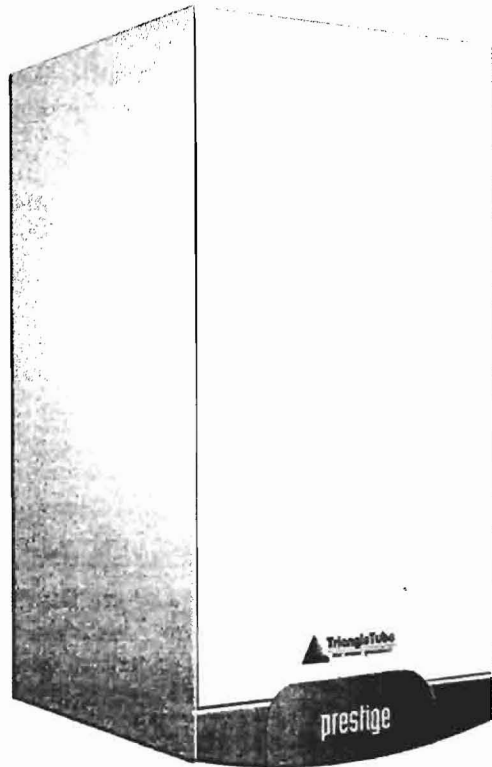
4/27/09
Date Approved

Signature of Installer Dan Libby

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

prestige

PVC & CPVC Vent Supplement



WARNING

This document is intended to be used by a qualified heating contractor or service technician. Read all instructions within this document and within the PRESTIGE Boiler Installation and Maintenance Manual, before proceeding with the installation. It is recommended to follow the procedures in the steps given, skipping or missing procedural steps could result in severe personal injury, death or substantial property damage.

NOTICE

Installation of this boiler must comply with local requirements and codes and with the National Fuel Gas Code NFPA 54, ANSI Z223.1 for installations within the U.S. For installations in Canada the installation must comply with CSA B149.1 or B149.2

Date: 10/29/07



2007-24 Prestige Vent Supl.

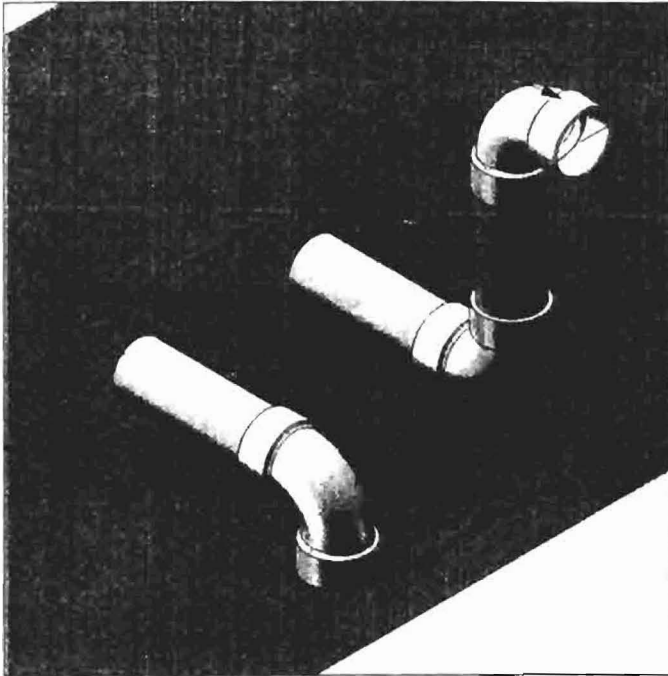


Fig. 8: Direct Vent - Sidewall Termination of Vent and Combustion Air Piping

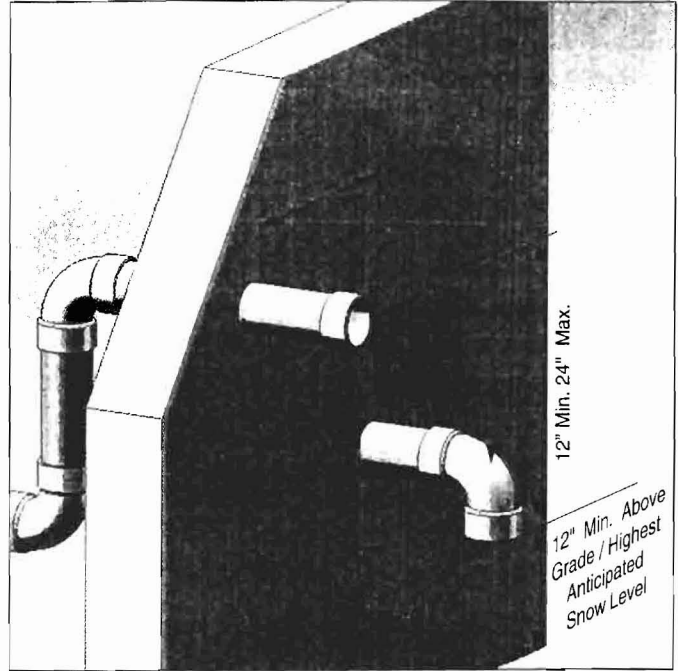


Fig. 9: Direct Vent - Alternate Sidewall Termination of Vent and Combustion Air Piping

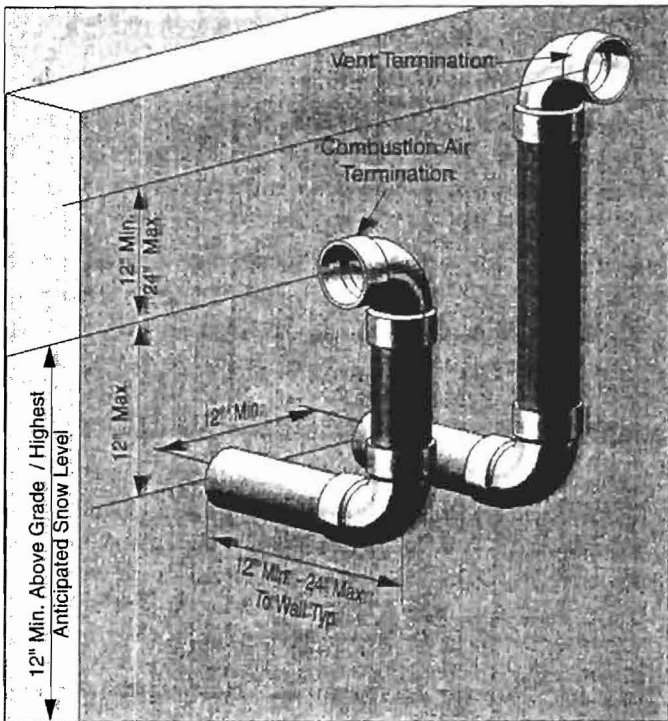


Fig. 10: Direct Vent - Sidewall Snorkel Termination of Vent and Combustion Air Piping

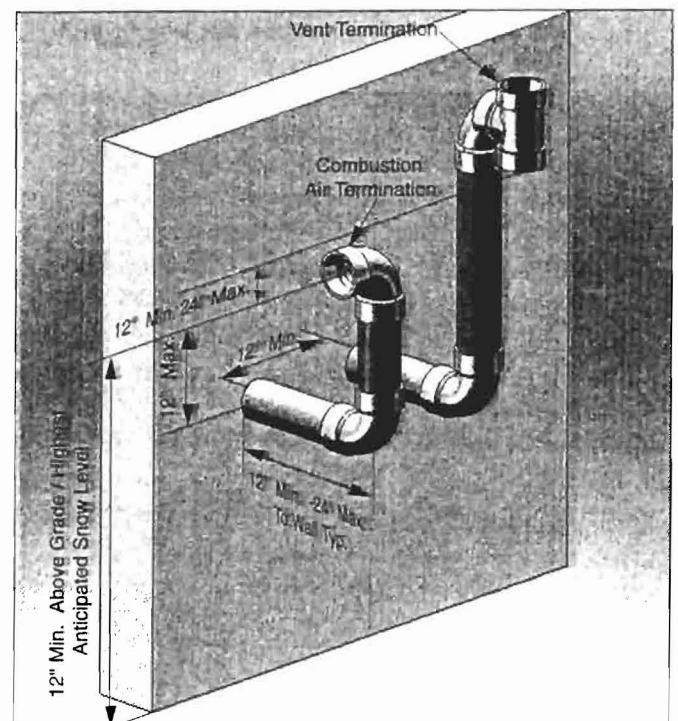


Fig. 11: Direct Vent - Sidewall Snorkel Termination of Vent and Combustion Air Piping with Tee Vent Termination

Direct Vent - Vertical Vent and Sidewall Combustion Air

NOTICE

Installation of the vent and combustion air piping must comply with local codes and requirements and with the National Fuel Gas Code NFPA 54, ANSI Z223.1 for installations in the U.S. or CSA B149.1 or B149.2 for installations in Canada.

NOTICE

When using an inoperative chimney as a means of a chase for the vent, the surrounding space within the chimney cannot be used to draw combustion air or vent another appliance.

WARNING

A gas vent extending through a roof should not terminate near an adjacent wall or below any building extensions such as roof eaves, balconies or decks. Failure to comply with the required clearances in this manual could result in severe personal injury, death or substantial property damage.

Determine Termination Location

Locate the vent and combustion air termination using the following guidelines:

1. The total length of the vent or combustion air piping must not exceed the limits given in Table 1 on page 3.

NOTICE

Do not include the 90° elbow or coupling used to terminate the combustion air inlet or vent exterior of the building when determining the total length of pipe.

2. The combustion air piping must terminate with a 90° elbow. Fig. 21 shows a snorkel termination option. The combustion air pipe can also terminate using a 90° elbow directed down or to the left or right as shown in figures 8 or 13 page 11 or 12. The termination must be installed 12" minimum above grade / highest anticipated snow level and as shown in Fig. 8 page 11 or Fig. 13 page 12 or Fig. 21.
3. The vent must terminate vertically with a coupling to accept the bird screen and must be located 12" [18" Canada] above the highest anticipated snow level.

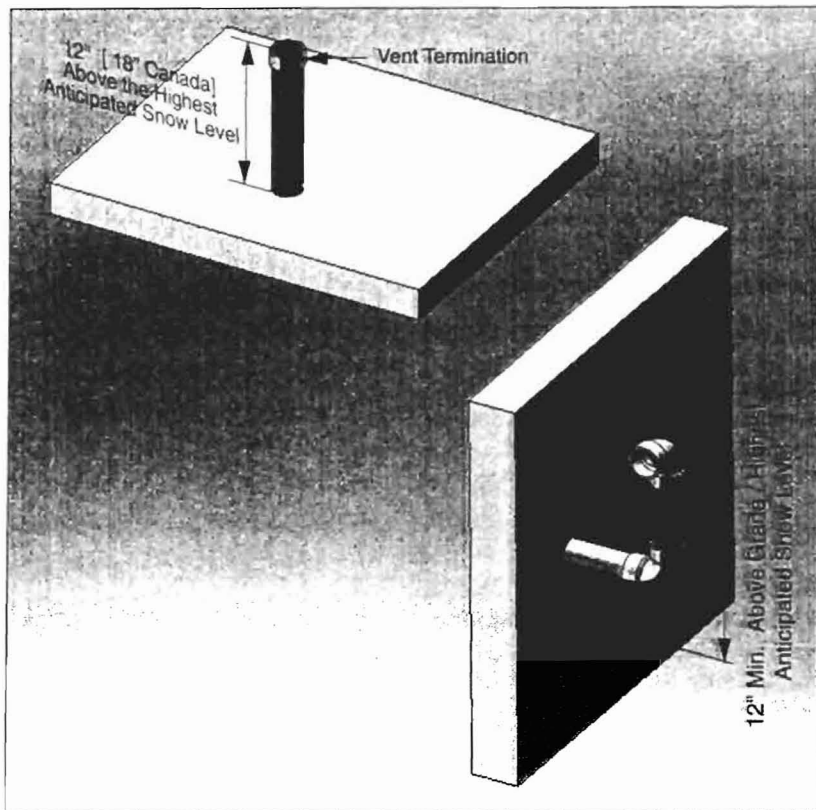


Fig. 21: Direct Vent - Vertical Vent and Side Wall Combustion Air

Horizontal - Sidewall

NOTICE

Installation of the vent and combustion air piping must comply with local codes and requirements and with the National Fuel Gas Code NFPA 54, ANSI Z223.1 for installations in the U.S. or CSA B149.1 or B149.2 for installations in Canada.

WARNING

A gas vent extending through a sidewall should not terminate near an adjacent wall or below any building extensions such as roof eaves, balconies or decks. Failure to comply with the required clearances could result in severe personal injury, death or substantial property damage.

Determine Termination Location

Locate the vent and combustion air termination using the following guidelines:

1. The total length of the vent or combustion air piping must not exceed the limits given in Table 1 on page 13.
2. The concentric vent/air termination assembly must be installed 12 inches above grade or projected snowline as shown in Fig. 4

3. The vent and combustion air piping connected to the concentric vent/air termination assembly must comply with the instructions listed in this supplement.

WARNING

Do not extend the vent pipe outside the sidewall beyond the given dimensions shown in Fig. 4. Extended exposure of the vent pipe could cause condensate to freeze and block the vent pipe.

4. The following should be considered when determining the location of the vent and combustion air termination:
 - a. Locate the vent termination where flue vapors will not damage surrounding shrubs, plants or air conditioning equipment or be objectionable to the homeowner.
 - b. The flue products will form a noticeable plume as they condense in colder air. Avoid terminating the vent in areas where the plume could obstruct window views.
 - c. Prevailing winds could cause freezing of flue condensation and a buildup of water / ice on surrounding plants, building surfaces or combustion air inlet.

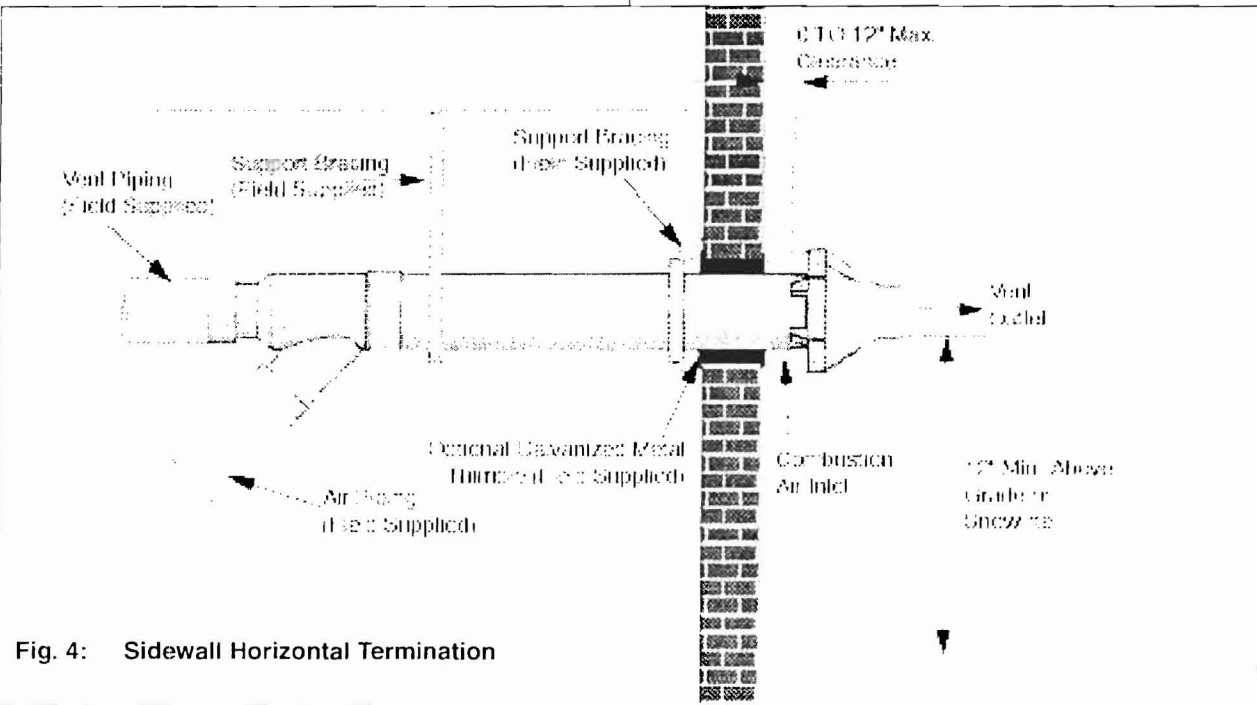


Fig. 4: Sidewall Horizontal Termination