

City of Portland, Maine - Building or Use Permit Application

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

Permit No: 07-0452	Issue Date:	CBL: 172 H007001
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Location of Construction: 1023 WASHINGTON AVE	Owner Name: MURPHY JAMES R & JANE M JT	Owner Address: 1 SAWYER RD	Phone:
Business Name:	Contractor Name: John Scott Plumbing & Heating	Contractor Address: 73 Warren Ave Westbrook	Phone 2078072811
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: RS/R3

Past Use: 2 unit residential & first floor barn professional office.	Proposed Use: 2 unit residential & first floor barn professional office. Install a replacement Peerless Boiler in basement <i>regulate; 2 dv. & 1st flr barn - professional office</i>	Permit Fee: \$60.00	Cost of Work: \$4,000.00	CEO District: 4	(CRP contract)
		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <i>N/A</i>	INSPECTION: Use Group: <i>U</i> Type: <i>HVAC</i> <i>State bus</i>		

Proposed Project Description:
Install a replacement Peerless Boiler in basement

Signature: _____ Date: _____

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: Approved Approved w/Conditions Denied

Signature: _____ Date: _____

Permit Taken By: ldobson	Date Applied For: 04/30/2007	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 Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Date: <i>5/10/07 ABM</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>ABM</i>
	<div style="border: 2px solid black; padding: 10px; width: fit-content;"> <p align="center">PERMIT ISSUED</p> <p align="center">MAY 10 2007</p> <p align="center">CITY OF PORTLAND</p> </div>		

CERTIFICATION

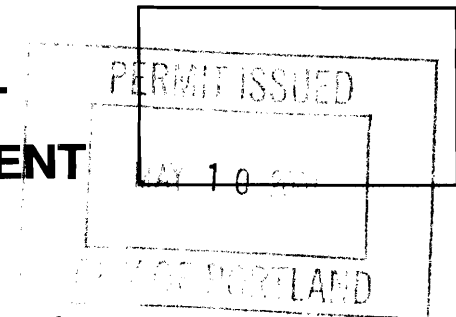
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, 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 172-41007 Use of Building _____ Date 4/30/07
 Name and address of owner of appliance Jim Murphy
1023 Washington Ave. Portland ME
 Installer's name and address John Scott 73 Warren Ave
Westbrook Telephone _____

Location of appliance:
 Basement Floor
 Attic Roof

Type of Fuel:
 Gas Oil Solid

Appliance Name: Peerless
 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 # _____
 Gas # WPT 142
 Other _____

Type of Chimney:
 Masonry Lined
 Factory built New Lined
 Metal
 Factory Built U.L. Listing # _____
 Direct Vent
 Type _____

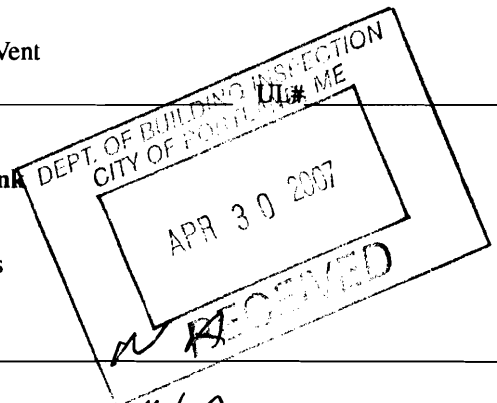
Type of Fuel Tank
 Oil
 Gas

Size of Tank _____

Number of Tanks NA

Distance from Tank to Center of Flame NA feet.

Cost of Work: \$ 4,000
Permit Fee: \$ _____



Approved

Approved with Conditions

Fire: _____
 Ele.: _____
 Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer [Signature]

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

10. BOILER DIMENSIONS & RATINGS

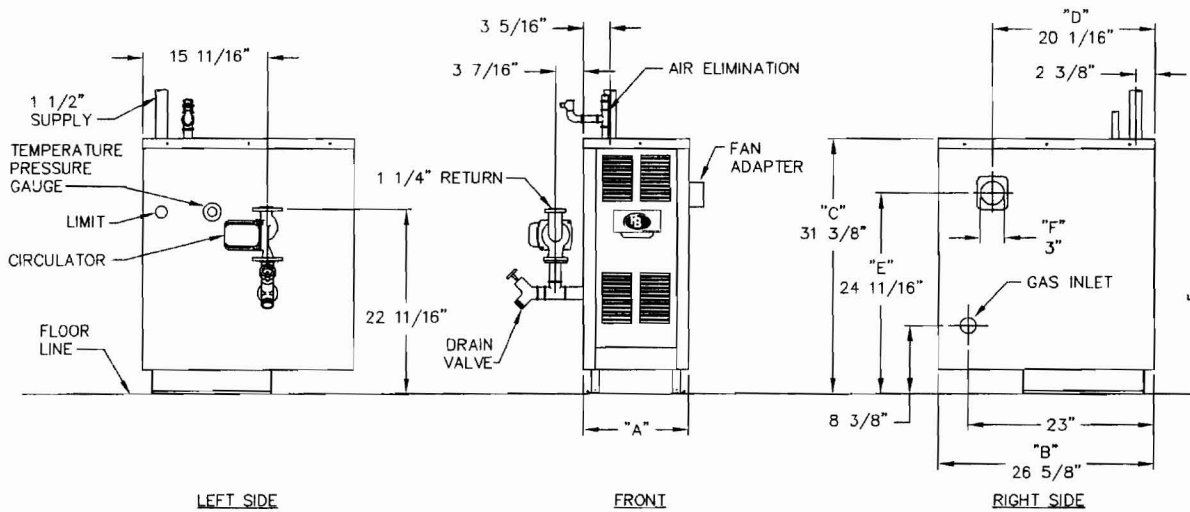


Figure 10.1: Boiler Views

Table 10.1: Series DE Boiler Dimensions

SERIES DE BOILER DIMENSIONS						
Boiler Model Number	Width "A"		Jacket Depth "B"		To Floor "C"	
	Inch	mm	Inch	mm	Inch	mm
DE-03	12½	318	26⅝	676	31⅝	797
DE-04	15⅝	403	26⅝	676	31⅝	797
DE-05	19¼	489	26⅝	676	31⅝	797
DE-06	22⅝	575	26⅝	676	31⅝	797

Table 10.2: Series DE Boiler Ratings

SERIES DE BOILER RATINGS									
Boiler Model Number	CSA Input		DOE Heating Capacity ³		Net I=B=R Ratings Water ^{1,2}		Seasonal Efficiency ³	Water Content	
	MBH	kW	MBH	kW	MBH	kW		AFUE	Gallon
DE-03	70	21	58	17	50	15	80.2	4.72	17.87
DE-04	105	31	86	25	75	22	80.2	6.00	22.71
DE-05	140	41	115	34	100	29	80.2	7.28	27.55
DE-06	175	51	143	42	124	36	80.3	8.56	32.40

- 1 Net I=B=R water ratings based on an allowance of 1.15.
- 2 Consult factory before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
- 3 Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) ratings are based on U.S. Government test. Before purchasing this appliance, read important information about its estimated annual energy consumptions or energy efficiency rating that is available from your retailer.



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Dept: Zoning **Status:** Approved **Reviewer:** Ann Machado **Approval Date:** 05/10/2007
Note: **Ok to Issue:**

Dept: Building **Status:** Approved with Conditions **Reviewer:** Tammy Munson **Approval Date:** 05/15/2007
Note: **Ok to Issue:**

- 1) The installation must comply with the State of Maine Gas Regulations.