

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

# CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

BUILDING INSPECTION

## PERMIT

PERMIT ISSUED  
 Permit Number: 041778  
 DEC 29 2004  
 CITY OF PORTLAND

This is to certify that Flynn Kerry J & Stephen F Jr PA Fuel  
 has permission to Install Weil McLain Oil burner at single family ho  
 AT 93 New Island Ave City of Portland, Oregon 97205-084 D010001

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 buildings and structures, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is altered or closed-in. HEAVY NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

### OTHER REQUIRED APPROVALS

Fire Dept. \_\_\_\_\_  
 Health Dept. \_\_\_\_\_  
 Appeal Board \_\_\_\_\_  
 Other \_\_\_\_\_  
 Department Name \_\_\_\_\_

*[Signature]*  
 12/28/04  
 Director, Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

**City of Portland, Maine - Building or Use Permit Application**

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

Permit No: 04-1778	Issue Date: <b>PERMIT ISSUED</b> DEC 29 2004	CBL: 084 D010001
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<b>Location of Construction:</b> 93 New Island Ave	<b>Owner Name:</b> Flynn Kerry J & Stephen F Jts	<b>Owner Address:</b> 93 New Island Ave	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> LPA Fuels	<b>Contractor Address:</b> 98 Island Ave Peaks Island	<b>Phone:</b> 207/662508
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> HVAC	<b>Zone:</b>

<b>Past Use:</b> single family home	<b>Proposed Use:</b> single family home w/new oil furnace	<b>Permit Fee:</b> \$84.00	<b>Cost of Work:</b> \$6,200.00	<b>CEODistrict:</b> 2
<b>Proposed Project Description:</b> Install Weil McLain Oil burner at single family home		<b>FIRE DEPT:</b> N/A Signature: _____	<input type="checkbox"/> Approved <input type="checkbox"/> Denied	<b>INSPECTION:</b> Use Group: V Type: Heating Signature: _____ IMC 2003
<b>PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)</b>				
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input checked="" type="checkbox"/> Denied				
Signature: _____ Date: _____				

<b>Permit Taken By:</b> jharris	<b>Date Applied For:</b> 12/01/2004
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Zoning Approval		
<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input checked="" 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: _____	<b>Zoning Appeal</b> <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: _____	<b>Historic Preservation</b> <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: _____

**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

84 8 010

# 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 84 8 010 Use of Building HOME Date 11-23-04  
 Name and address of owner of appliance STEVE + KERRY FLYNN 43 NEW ISLAND AVE  
PEAKS ISLAND ME 04108  
 Installer's name and address LPA FUELS 98 ISLAND AVE  
PEAKS ISLAND ME 04108 Telephone 207-716-2508

### Location of appliance:

- Basement  Floor  
 Attic  Roof

### Type of Fuel:

- Gas  Oil  Solid

Appliance Name: WEIL MCLAIN

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 # MS30002635  
 Oil # \_\_\_\_\_  
 Gas # \_\_\_\_\_  
 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 275 GAL

Number of Tanks 1

Distance from Tank to Center of Flame 8 feet.

Cost of Work: \$ 6,200.00

Permit Fee: \$ Ad.<sup>∞</sup>

Approved

Approved with Conditions

Fire: \_\_\_\_\_

Ele.: \_\_\_\_\_

Bldg.: \_\_\_\_\_

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer \_\_\_\_\_

**City of Portland, Maine - Building or Use Permit**

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

<b>Permit No:</b> 04-1778	<b>Date Applied For:</b> 1210112004	<b>CBL:</b> 084 D010001
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<b>Location of Construction:</b> 93 New Island Ave	<b>Owner Name:</b> Flynn Kerry J & Stephen F Jts	<b>Owner Address:</b> 93 New Island Ave	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> LPA Fuels	<b>Contractor Address:</b> 98 Island Ave Peaks Island	<b>Phone</b> (207) 766-2508
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> HVAC	

<b>Proposed Use:</b> single family home w/new oil furnace	<b>Proposed Project Description:</b> Install Weil McLain Oil burner at single family home
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**Dept:** Building      **Status:** Approved with Conditions      **Reviewer:** Tammy Munson      **Approval Date:** 12/28/2004  
**Note:**      **Ok to Issue:**

1) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules

# LIONEL PLANTE ASSOCIATES

## FACSIMILE TRANSMITTAL SHEET

TO: <i>INSPECTION</i>	FROM: <i>LPA FUELS</i>
COMPANY:	DATE: <i>11-23-04</i>
FAX NUMBER: <i>874-8716</i>	TOTAL NO-OF PAGES INCLUDING COVER: <i>5</i>
PHONE NUMBER	SENDER'S REFERENCE NUMBER <i>93 NEW ISLAND AVE</i>
RE:	YOUR REFERENCE NUMBER:

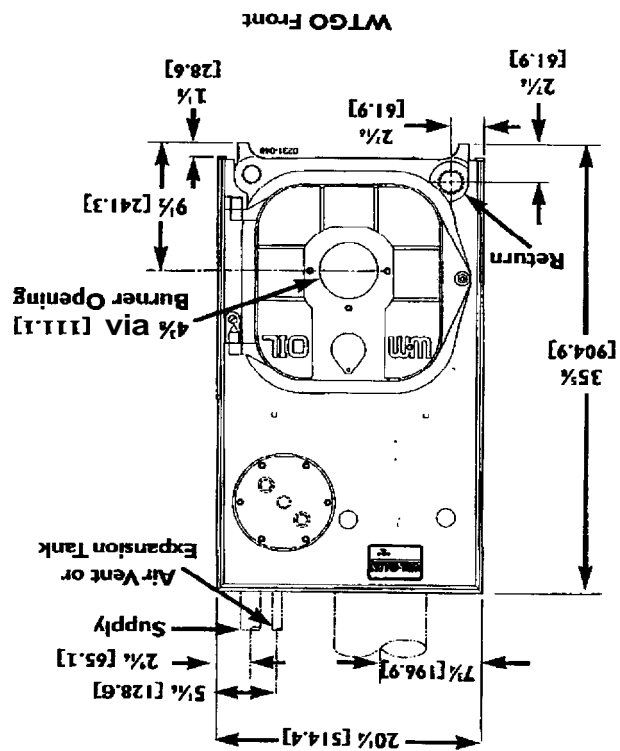
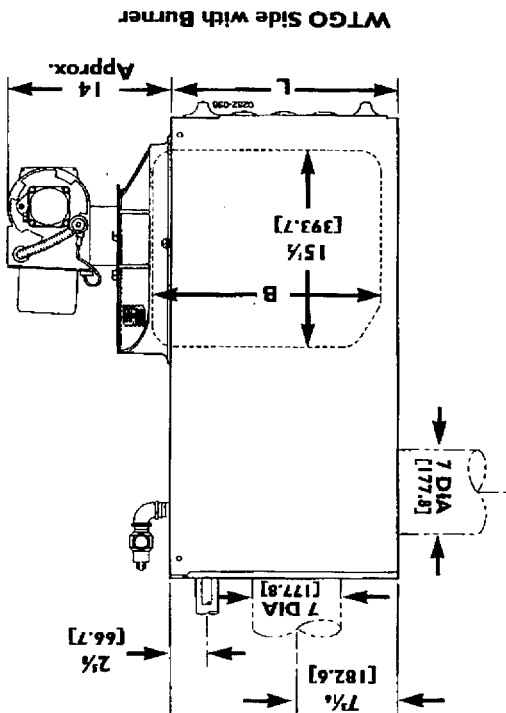
URGENT  
 FOR REVIEW  
 PLEASE COMMENT  
 PLEASE REPLY  
 PLEASE RECYCLE

*HERE ARE THE DRAWING + SPEC SHEET FOR  
BOILER REPLACEMENT*

*THANK YOU  
GUY*

*i*

98 ISLAND AVE PEAKS ISLAND, MAINE 04108  
PHONE (207 766-2508 FAX (207)766-2507



DIMENSIONS - mm.		
BOILER MODEL NUMBER	B	L
WTGO-9	746.2	825.5
M.1E0-8	666.7	746.2
WTGO-7	587.2	666.7
WTGO-6	508	587.2
WTGO-5	428.7	508.0
WTGO-4	345.9	428.7
WTGO-3	342.9	428.7

DIMENSIONS - in.		
BOILER MODEL NUMBER	B	L
WTGO-9	29%	32%
WTGO-8	26%	29%
WTGO-7	23%	26%
WTGO-6	20	22%
WTGO-5	16%	20
<b>WTGO-4</b>	13%	16%
WTGO-3	13%	16%





**Installations must comply with:**

- U.S.
  - State and local plumbing, heating and electrical codes.
  - National codes where applicable.
- Canada
  - Canadian Standards Association, CSA B 139, Installation Code for Oil-Burning Equipment.
  - CSA C22, 1 Canadian Electrical Code Part One.
  - Applicable local or provincial codes.

**Before selecting boiler location:**

- Check for nearby connections to:
  - System water piping.
  - Chimney. See pages 12-13. Boiler can be top or back vented.
  - Combustion and ventilation air supply. See page 5.
  - Oil supply. See page 22 for oil line routing.
  - Electrical power.
- Check area around boiler. Remove any combustible materials, gasoline and other flammable liquids.

**WARNING** Failure to keep boiler area clear and free of combustible materials, gasoline and other flammable liquids and vapors can result in severe personal injury, death or substantial property damage.

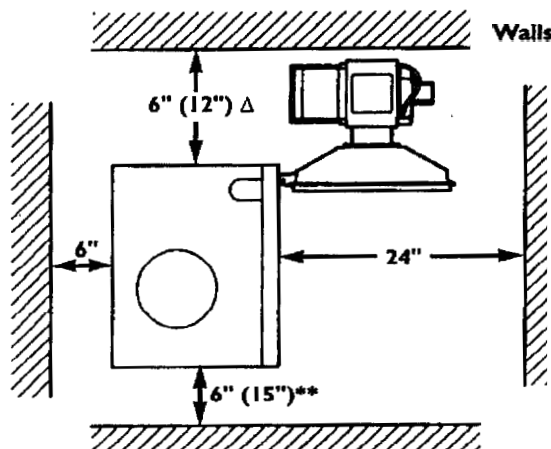
**Provide clearances around boiler (see FIGURE 1):**

**NOTICE** Jacket cap must be in place on boiler to avoid requiring an 18" minimum clearance from back or top of boiler to combustible material.

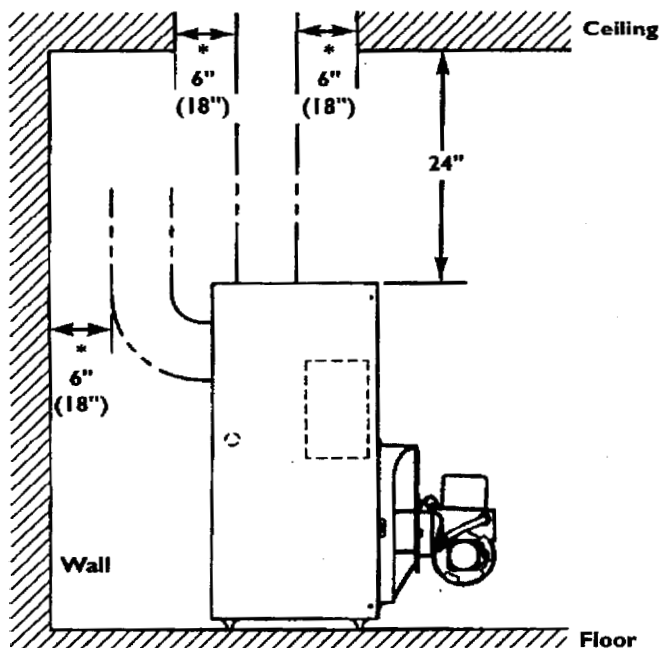
- **Minimum clearances** from vent pipe to combustible material:
  - 6 inches - Type "L doublewall vent"
  - 18 inches - Singlewall vent\*

**NOTICE** Flue pipe clearances must take precedence over jacket clearances.

- **Recommended service clearances:**
  - 24 inches - Front and top
  - 6 inches - Left side, back and right side A
  - 12 inches - Right side for burner door swing radius Δ
- Special close clearances (alcove, closet, under counters, etc.) - see Appendix, pages 26-27.



Top View



Left Side

**Recommended Service Clearances**  
**FIGURE 1**



**WTGO GOLD OIL WATER BOILER RATINGS (1)**

BOILER MODEL NUMBER	I=B=R BURNER CAPACITY GPH (3)	DOE HEATING CAPACITY (4) MBH (2)	NET I=B=R RATINGS (5) MBH (2)	DOE SEASONAL EFFICIENCY % AFUE	MINIMUM I=B=R CHIMNEY			ROUND FLUE OUTLET SIZE IN (7)	BOILER WATER CONTENT GAL	DRAFT LOSS THRU BOILER IN W.C. (8)
					RECT IN	ROUND IN	HEIGHT FT			
*-WTGO-3	0.95	115	100	85.3	8 x 8	6	15	7	14.9	.020
*-WTGO-4	1.20	145	126	85.0	8 x 8	6	15	7	13.4	.010
*-WTGO-5	1.45	175	152	85.0	8 x 8	7	15	7	15.9	.015
*-WTGO-6	1.75	212	184	85.0	8 x 8	7	15	7	18.4	.015
*-WTGO-7	2.00	242	210	85.0	8 x 8	7	15	7	20.8	.015
** -WTGO-8	2.30	266 (6)	231	—	8 x 12	7	20	7	23.3	.025
** -WTGO-9	2.55	295 (6)	257	—	8 x 12	7	20	7	25.8	.030

\* Substitute "P" for completely assembled packaged boiler (WTGO-3 through WTGO-6 only).  
 Substitute "B" for boiler-burner unit.  
 Substitute "A" for boiler only for use with approved burners as listed with I=B=R.

\*\* Available only as an A/B unit.

- (1) WTGO boiler designed with convertible vertical and horizontal flue outlet
- (2) MBH refers to thousands of Btu per hour.
- (3) Based on 140,000 Btu/gal.
- (4) Based on standard test procedures prescribed by the United States Department of Energy at combustion condition of 13.5% CO<sub>2</sub> and -0.02" W.C. draft.
- (5) Net I=B=R ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pick-up. Water ratings are based on a piping and pick-up allowance of 1.15. An additional allowance should be made for unusual piping and pick-up loads. Consult local Weil-McLain Sales Office.
- (6) I=B=R gross output
- (7) See page 12 for minimum breeching diameter.
- (8) Listed draft losses are for factory-shipped settings.



Weil-McLain  
 500 Blaine Street  
 Michigan City, IN 46360-2388



