

City of Portland, Maine - Building or Use Permit Application

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

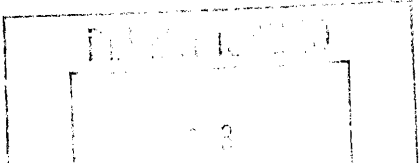
Permit No: 08-0811	Issue Date:	CBL: 053 C038001
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Location of Construction: 807 CONGRESS ST	Owner Name: PAGANO ROBERT A	Owner Address: 473 MAIN ST	Phone:
Business Name:	Contractor Name: Provencher Fuels, Inc	Contractor Address: 39 Cleaves ST. Biddeford	Phone 2072848068
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	Zone: B2h

Past Use: Multi Family	Proposed Use: Multi Family - install a weil McLain boiler in basement	Permit Fee: \$140.00	Cost of Work: \$12,000.00	CEO District: 2
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Proposed Project Description: Install a weil McLain boiler in basement	FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: HVAC Type: IHC 2003
	Signature: Greg Carr	Signature:
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: Idobson	Date Applied For: 07/01/2008	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 <input type="checkbox"/> Major <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/> Denied Date: 7/1/08	<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 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:
		<p><i>OK with conditions</i></p>	

CERTIFICATION

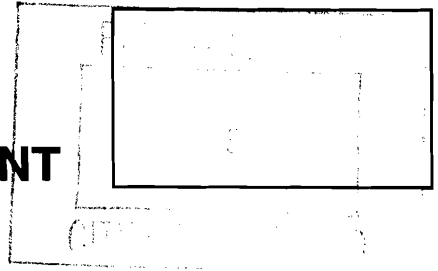
I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition,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



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 807 CONGRESS ^R Use of Building RENTAL Date 7/1/88

Name and address of owner of appliance ROBERT PAGANO

Installer's name and address PROVENCHEE FUELS 139 CLEAVES ST
BIDDEFORD ME 04005 Telephone 284-8068

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid ^{- 1 2008}

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 # MS 3000 1177
- Oil # MS 3000 1177
- Gas # PNT 4782
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____
- Metal STAINLESS 316 L
Factory Built U.L. Listing # TPNS 515 1313
- Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 12,000 -

Permit Fee: \$ 140

Approved

Fire: _____
Ele.: _____
Bldg.: _____

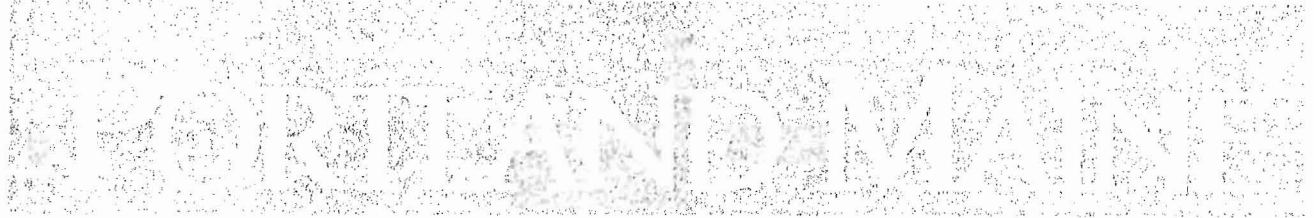
Approved with Conditions

- See attached letter or requirement

Signature of Installer Roger [Signature] _____

Inspector's Signature _____

Date Approved _____



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*Penny Littell- Director of Planning and Development
Marge Schmuckal, Zoning Administrator*

July 11, 2008

Robert A. Pagano
473 Main
Saco, ME 04072

RE: 807 Congress Street – 053-C-038 – B-2b Zone – Permit #08-0811

Dear Mr. Pagano,

I am in receipt of a permit application concerning your property at 807 Congress Street for a new boiler in the basement. I am the Zoning Administrator and have the responsibility to do zoning checks on all in-coming applications. During my zoning research, I have not been able to affirm the number of dwelling that the assessor's records have on file. Currently, the assessors are assessing for ten residential dwelling units. My permit research shows much less than ten dwelling units. Prior to 1957 (the birth date of the current zoning ordinance) I can confirm only 5 residential dwelling units.

I have signed off for zoning concerning this application without regard to the legal number of dwelling units. However, this letter is a follow up of that permit to require you at this time to legalize or remove illegal units. I am enclosing a handout and application that explains the process to legalize illegal dwelling units. You must apply within thirty days of this letter to begin this process.

If you have any past documentation showing issued permits for the current number of dwelling units in your building, please bring that documentation to my attention so that I can make it part of our files, and you will not need to go through the legalization process.

If you have any questions concerning this matter, please do not hesitate to contact me at 874-8695.

Very truly yours,

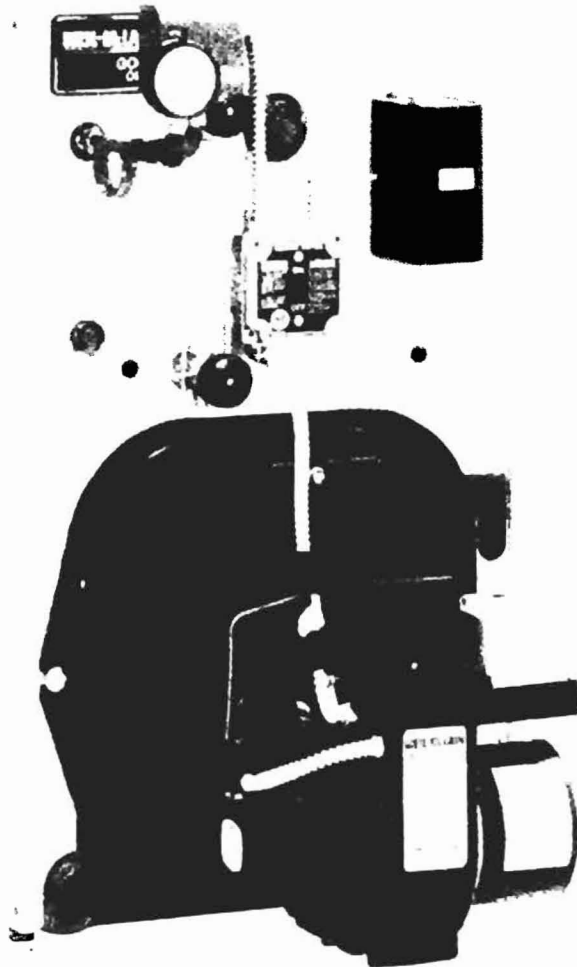
Marge Schmuckal
Zoning Administrator

Cc: file

WEIL-McLAIN

SGO Series 3 Oil-Fired Steam Boiler

Maintenance and Service Guide



**For future reference, leave this manual
with other boiler instructions
in the envelope provided with the boiler.**



Connect Breeching

General chimney requirements:

- Designed for natural draft firing. Connect boiler to vertical chimney.

DANGER

Insufficient draft can cause flue gas leakage and carbon monoxide emissions, which will lead to severe personal injury or death.

- Use vent material approved by local codes for oil-fired burners. In their absence, refer to:
 - NFPA 31, Installation of Oil-Burning Equipment.
 - NFPA 211, Standard for Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances.
 - In Canada, refer to CSA B139, Installation Code for Oil-Burning Equipment.
- NFPA 211 requires chimney to be lined before connected to boiler.

DANGER

Inspect existing chimney before installing new boiler. Failure to do any of the following will result in severe personal injury or death:

- Clean chimney, including removal of blockage.
- Repair or replace damaged pipe or liner.
- Repair mortar and joints.

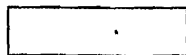
To prevent downdrafts, extend chimney at least 3 feet above highest point where it passes through roof and 2 feet higher than any portion of building within 10 feet. Increase chimney cross-sectional area and height at least 4% per 1,000 feet above sea level.

- Minimum clearances from vent pipe to combustible material:
 - 6 inches — Type "L" doublewall vent
 - 18 inches — Singlewall vent
- Minimum chimney sizes should be used.

NOTICE

Oversized chimneys, outside masonry chimneys and/or derated inputs can result in condensation in chimney.

Connect breeching:



Long horizontal breechings, excessive number of tees and

MINIMUM CHIMNEY SIZE TABLE

BOILER MODEL NUMBER	*** MINIMUM BREECHING DIAMETER	MINIMUM I=B=R CHIMNEY SIZE		MINIMUM CHIMNEY HEIGHT
		RECT.	ROUND	
SGO-3	5"	8" x 8" *	6"	15'
SGO-4	6"			
SGO-5	6"	8" x 8" *	7"	15'
SGO-6	7"			
SGO-7	7"	8" x 12" **	7"	20'
SGO-8	7"			
SGO-9	7"			

* 6 3/4" x 6 3/4" inside liner

** 6 1/2" x 10 1/2" inside liner

*** Flue collar on boiler is 7" diameter

elbows, or other obstructions restricting combustion gas flow can result in possibility of condensation, flue gas leakage and carbon monoxide emissions, which can lead to severe personal injury or death.

- Install 2 flue pipe brackets.
- Connect full-sized breeching when possible. See Minimum Chimney Size Table.
 - Back outlet — see FIGURE 7.
 - Top outlet — see FIGURE 8.
- Connection must be made above bottom of chimney to avoid blockage. Breeching must not enter chimney far enough to cause obstruction. Use thimble or slip joint where breeching enters chimney to allow removal for cleaning.
- When burner and boiler are properly installed, draft overfire will be approximately -0.01" to -0.02" W.C. Install barometric control in breeching, per control manufacturer's instructions, when excess draft needs to be relieved or to comply with applicable codes and regulations. Use draft gauge to adjust proper opening.
- An induced draft fan for the chimney may be necessary if:
 - Excessive resistance to flow of combustion gases can be expected.
 - Cross-sectional area of chimney is smaller than minimum recommended.
 - Chimney height is less than recommended.
 Seal all vent joints. Interlock burner with fan operation.




Before Installing Boiler

Installations must comply with:

- U.S.
 - State and local plumbing, heating and electrical codes.
 - National codes where applicable.
- Canada
 - Canadian Standards Association, CSA B139, 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 24 for oil line routing.
 - Electrical power.
- Check area around boiler. Remove any combustible materials, gasoline and other flammable liquids.

 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

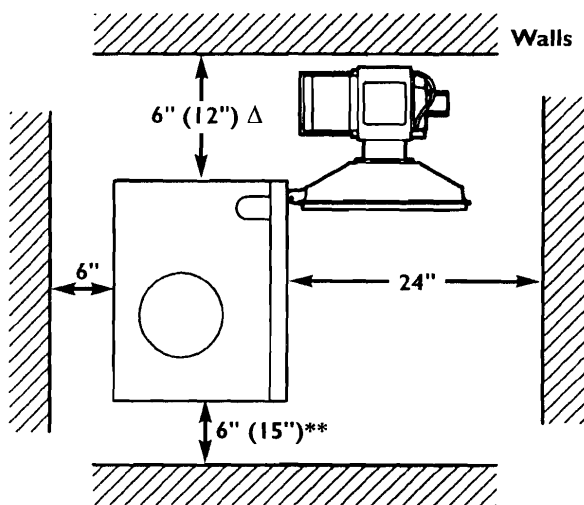
Jacket cap must be in place on boiler to avoid requiring an 18" minimum clearance from back or top of boiler to combustible material.

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

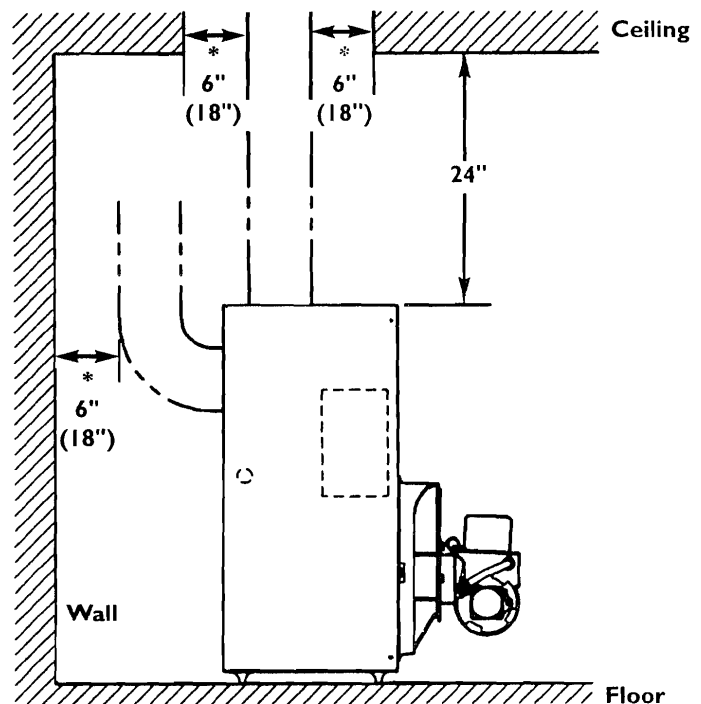
NOTICE

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 Δ
 - 15 inches — Left side with tankless heater**
 - 12 inches — Right side for burner door swing radius Δ

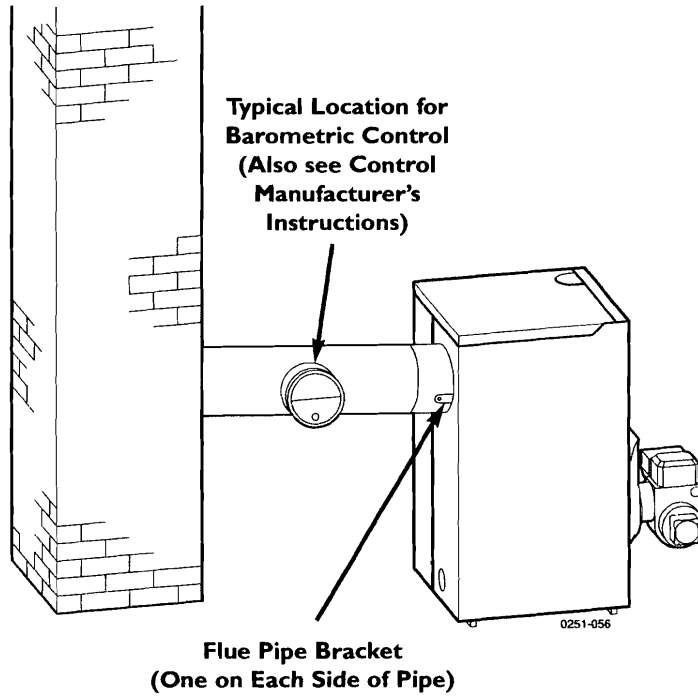


Top View

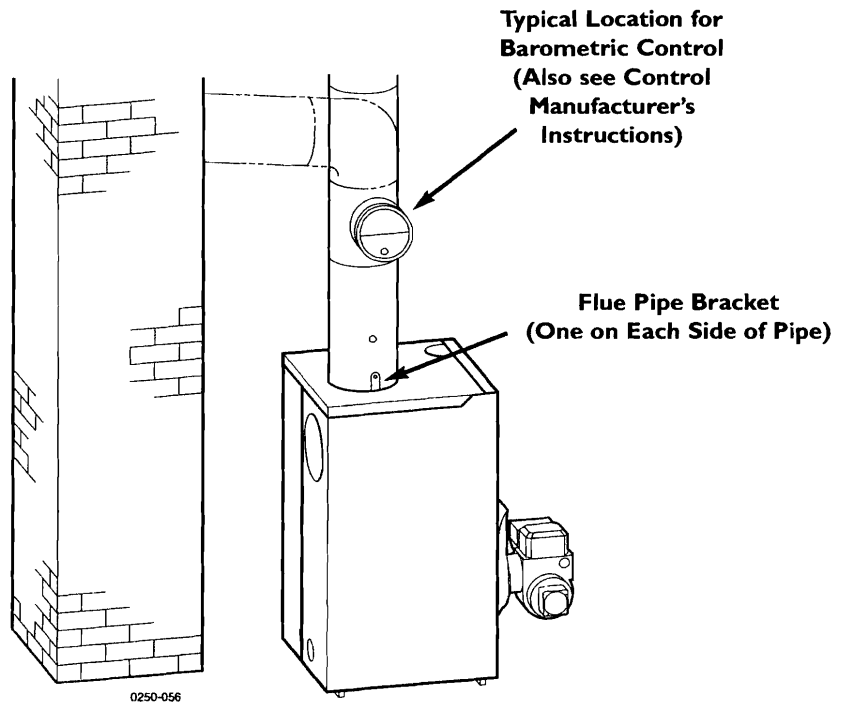


Left Side

Recommended Service Clearances
FIGURE 1



**Back Outlet Breeching Connection
FIGURE 7**



**Top Outlet Breeching Connection
FIGURE 8**

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Business Name:	Contractor Name: Provencher Fuels, Inc	Contractor Address: 39 Cleaves ST. Biddeford	Phone (207) 284-8068
Lessee/Buyer's Name	Phone:	Permit Type: HVAC	

Proposed Use: Multi Family - install a weil McLain boiler in basement	Proposed Project Description: install a weil McLain boiler in basement
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Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 07/11/2008

Note: **Ok to Issue:**

- 1) This permit is being issued without regard to the legal number of dwelling units. The owner is being notified by a separate letter concerning the issue of legal number of dwelling units.
- 2) This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.

Dept: Building **Status:** Approved with Conditions **Reviewer:** Tammy Munson **Approval Date:** 07/29/2008

Note: **Ok to Issue:**

- 1) All penetrations through rated assemblies must be protected by an approved firestop system installed in accordance with ASTM 814 or UL 1479, per IBC 2003 Section 712.
- 2) Installation shall comply with 2003 International Mechanical Code and State of Maine Oil and Solid Fuel Board Laws and Rules

Dept: Fire **Status:** Approved with Conditions **Reviewer:** Capt Greg Cass **Approval Date:** 07/23/2008

Note: **Ok to Issue:**

- 1) Install shall comply with NFPA 31

Comments:

7/11/2008-mes: The number of dwelling units currently in the building is more than what our microfiche and pre-1957 assessors cards show - see letter