

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that HARBORVIEW APTS LLC

Located At 127 YORK ST

Job ID: 2011-07-1785-HVAC

CBL: 044 - - A - 005 - 001 - - - -

has permission to install a Solaja cast iron gas boiler in the basement vented to the chimney provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues 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

Fire Prevention Officer

[Signature]
Code Enforcement Officer / Plan Reviewer

8/3/11

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

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-07-1785-HVAC	Date Applied: 7/27/2011 25	CBL: 044 - - A - 005 - 001 - - - - -	
Location of Construction: 127 YORK ST	Owner Name: HARBORVIEW APTS LLC	Owner Address: 277 TUTTLE RD CUMBERLAND CTR. ME - MAINE 04021	Phone:
Business Name:	Contractor Name: Tim Delane's Burner Service	Contractor Address: 87 Maggie LN, Portland, ME 04103	Phone: 831-5974
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-6
Past Use: 12 residential dwelling units	Proposed Use: Same: 12 residential dwelling units - to install Solalax CSL 8350 heating system	Cost of Work: \$24,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved w/conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: R-2 Type: HVAC Inc 2009 Signature: JMB 8/3/11
Proposed Project Description: install SOLALAX CSL 8350 in Basement		Pedestrian Activities District (P.A.D.)	

Permit Taken By: Lannie	Zoning Approval		
<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 informatin may invalidate a building permit and stop all work.</p>	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MMT Date: 7/29/11	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 type="checkbox"/> Not in Dist 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	PHON

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.
1. Final at 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

Strengthening a Remarkable City. Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-07-1785-JYAC

Located At: 127 YORK

CBL: 044 - - A - 005 - 001 - - - - -

Conditions of Approval:

Fire

2. Installation shall comply with City Code Chapter 10.
3. Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.
4. Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*; NFPA 54, *National Fuel Gas Code*; NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

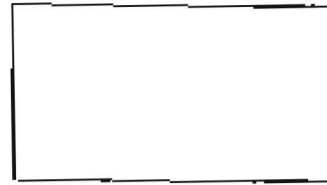
Building

1. The installation must comply with the State of Maine Gas Regulations.
2. 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.
3. The appliance and venting shall be installed in accordance with the manufacturer's specifications the UL listing, IMC 2003 and NFPA 211



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 127-129 YORK ST 44A-5 Use of Building RESIDENTIAL Date 7-25-11
 Name and address of owner of appliance 127/129 YORK ST REDFERN PROPERTIES
 Installer's name and address TIM DELANEY DBA DELANEY'S DORM SERVICE
87 MAGGIE LN PORTLAND ME 04103 Telephone 831-5974

Location of appliance:

- Basement
- Attic
- Floor
- Roof

Type of Fuel:

- Gas
- Oil
- Solid Fuel

Appliance Name: SOLATA CSL 8350

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 # PNT 4647
- Other _____

Type of Chimney:

Masonry Lined
Factory built _____

Metal
Factory Built U.L. Listing # _____

Direct Vent
Type _____ UL# _____

Type of Fuel Tank

- Oil
- Gas NAT

Size of Tank N/A

Number of Tanks N/A

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

Cost of Work: \$ 29,000

Permit Fee: \$ 260

RECEIVED

JUL 25 2011
Dept. of Building Inspections
City of Portland, Maine

7-28-11

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

- See attached letter or requirement

Signature of Installer [Signature] Inspector's Signature _____ Date Approved _____

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

INSTALLATION AND OPERATOR'S MANUAL



CSL6230 THRU CSL12590 CAST IRON BOILERS

Keep these instructions with the boiler at all times for
future reference

BOYERTOWN FURNACE CO.
PO Box 100
BOYERTOWN, PA 19512
1-610-369-1450

www.boyertownfurnace.com

6-1-08

Boiler Components

INSPECT FOR DAMAGE. All equipment is carefully manufactured, inspected, and packaged by experienced workers. Our responsibility ceases upon delivery of the skidded boiler and component boxes to the carrier in good condition. ANY CLAIMS FOR DAMAGE OR SHORTAGES IN SHIPMENT MUST BE FILED IMMEDIATELY against the carrier by the consignee.

The boiler is shipped in multiple packages consisting of the following items:

1. Assembled casting strapped to a skid.
2. Cabinet parts box. See jacket assembly instructions for a complete listing of all items included.
3. Burner/Parts Box – Includes burner, aquastats, low water cutoff, safety relief valve, drain valve and associated trim piping. See packing list included in box for a complete list of all components.

Installation Clearances

Warning: Boilers in rooms shall be installed with the clearances from combustible materials not less than indicated below. Combustible materials are those made of or surfaced with wood, compressed paper, plant fibers, plastics, or other material that will ignite and burn, whether flame proofed or not, or whether plastered or not.

The boiler must not be installed on combustible flooring. The boiler is approved for installation on non combustible flooring only. The boiler must not be installed on carpeting or vinyl flooring

Minimum clearances to combustible construction are as follows:

TOP - 24 IN.
FRONT - 24 IN.
FLUE CONNECTOR SINGLE WALL VENT PIPING - 18 IN.
REAR - 6 IN.
SIDES - 6 IN.

Consult NFPA-31 for construction techniques where the above minimum clearances cannot be obtained

Minimum recommended clearances for service and access are as follows:

TOP - 24 IN.
FRONT - 24 IN. FROM BURNER
FLUE CONNECTOR - 18 IN.
REAR - 18 IN.
SIDES - 12 IN.

Ventilation and Combustion Air

Warning: This boiler must be supplied with combustion and ventilation air in accordance with ANSI Z223.1/NFPA54 and all applicable local codes. Air openings to combustion area must not be obstructed. Adequate combustion air must be supplied at all times. Ventilation of boiler room must be adequate enough to provide sufficient air for combustion. Never use an exhaust fan in the boiler room. The boiler room must never be under a negative pressure or improper burner operation, flue gas leakage and carbon monoxide emissions may occur.

Opening sizes must comply with state or local codes. In their absence, use the following when the boiler is installed in a confined room:

When a boiler is located in an unconfined space in a building of conventional frame or masonry construction infiltration may provide adequate air for combustion and ventilation. If there is any doubt, install air supply provisions for combustion and ventilation air.

When a boiler is located in a confined space and air for combustion and room ventilation is from inside buildings, the confined space shall be provided with two permanent openings, one starting 12 inches from the top and one 12 inches from the bottom of the enclosed space. Each opening shall have a minimum free area of 1 square inch per one thousand (1,000) BTU/HR of the total input rating of all appliances in the enclosed space, but must not be less than one hundred (100) square inches. These openings must freely communicate with the interior areas having adequate infiltration from the outside.

When a boiler is installed in a confined space, or in a building of unusually tight construction, air for combustion and room ventilation must be obtained from the outdoors by means of two permanent openings one starting 12 inches from the top and one 12 inches from the bottom of the enclosed space. When air is taken through the outside wall or vertical ducts, at least one square inch of free opening must be provided per 4000 Btu/Hr. When air is taken through horizontal ducts at least one square inch of free opening must be provided per 2000Btu/Hr. The minimum dimensions of rectangular air ducts shall not be less than 3 inches.

In calculating free area using louvers, grills or screens for the above, consideration shall be given to their blocking effect. Screens used shall not be smaller than ¼ inch mesh. If free area through a design of louver or grill is known, it should be used in calculating the opening size required to provide the free area specified. If the design and free area is not known, it may be assumed that wood louvers will have 20-25% free area and metal louvers and grills will have 60-75% free area.

Louvers and grills shall be fixed in the open position or interlocked with the boiler so that they are opened automatically during boiler operation.

Boiler Location

Warning: Never install the boiler on top of combustible flooring. Never install the boiler in an area where combustible materials, gasoline or any other products containing flammable vapors or liquids are stored.

Locate the boiler in an area that provides good access to the unit. To provide the best possible serviceability the boiler should be installed using the minimum recommended service and accessibility clearances as previously listed. Under no circumstances should the unit be installed next to combustible materials with clearances less than listed in installation clearances above.

The boiler should be installed on a level, flat concrete floor or pad that is structurally sound and will support the combined weight of the boiler when filled with water. This boiler is designed to be installed on noncombustible flooring only.

The boiler should be installed as close to the chimney as possible while still being located centrally to the piping system.

Boiler Block Assembly

All boilers are shipped as an assembled block. If it is necessary to split the block into sections for installation purposes reassemble the sections as follows:

To assemble split blocks, move the sections into line facing each other. Sections may be slid along boards placed beneath the sections. Inspect nipple ports for damage or burrs. Remove any burrs by brushing the ports very lightly. Remove old section sealant from the castings. Wipe the push nipples and nipple ports with a clean cloth. Apply a film of nipple compound to both nipple and port. Install the nipple in the port and then seal by hitting with a rubber mallet. Apply section sealant to one section only and slide the sections together. Install the four draw rods. Draw the sections together until the sections make iron to iron contact at a point around the top and bottom ports of each section. Check to ensure that the combustion chamber is sealed using a flash light or other lighting device. Place the light into the combustion chamber