

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND



BUILDING PERMIT

This is to certify that PETER W WHITNEY

Located At 8 STRATTON PL

Job ID: 2011-10-2454-HVAC

CBL: 044- B-038-001

has permission to install an HVAC system.

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

11/03/2011

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

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

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. Close-In: (Elec./Fram./Plumbing)
2. Final Inspection

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: 2011-10-2454-HVAC

Located At: 8 STRATTON PL

CBL: 044- B-038-001

Conditions of Approval:

Building

1. The installation must comply with UL, the Manufacturers' Listing, and State of Maine Gas Regulations.
2. Separate permits are required for any electrical: plumbing, sprinkler, fire alarm, HVAC systems, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
3. A photoelectric Carbon Monoxide (CO) detector shall be installed in each area within or giving access to bedrooms. That detection must be powered by the electrical service (plug-in or hardwired) in the building and battery.
4. **M1804.2.5 Direct vent terminations.** Vent terminals for direct-vent *appliances* shall be installed in accordance with the manufacturer's installation instructions.
5. **M1804.2.6 Mechanical draft systems.** Mechanical draft systems shall be installed in accordance with their *listing*, the manufacturer's installation instructions and, except for direct vent *appliances*, the following requirements:
 - The vent terminal shall be located not less than 3 feet
 - (914 mm) above a forced air inlet located within 10 feet (3048 mm).
 - The vent terminal shall be located not less than 4 feet
 - (1219 mm) below, 4 feet (1219 mm) horizontally from, or 1 foot (305 mm) above any door, window or gravity air inlet into a *dwelling*.
 - The vent termination point shall not be located closer than 3 feet (914 mm) to an interior corner formed by two walls perpendicular to each other.
 - The bottom of the vent terminal shall be located at least 12 inches (305 mm) above finished ground level.
 - The vent termination shall not be mounted directly above or within 3 feet (914 mm) horizontally of an oil tank vent or gas meter.
 - Power exhauster terminations shall be located not less than 10 feet (3048 mm) from *lot lines* and adjacent buildings.
 - The discharge shall be directed away from the building.

Fire

1. Installation shall comply with City Code Chapter 10.
2. Fuel-fired boilers shall be protected in accordance with NFPA 101, *Life Safety Code*.
3. Installation shall comply with NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances*;
4. NFPA 54, *National Fuel Gas Code*;
5. NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*;
6. NFPA 91, *Standard for Exhaust Systems for Air Conveying Vapors, Gases, Mists, and Noncombustible Particulate Solids*;
7. NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-10-2454-HVAC	Date Applied: 10/11/2011	CBL: 044- B-038-001	
Location of Construction: 8 STRATTON PL	Owner Name: PETER W WHITNEY	Owner Address: 8 STRATTON PL PORTLAND ME, 04101	Phone:
Business Name:	Contractor Name: CHRISTOPHER R WIBLE	Contractor Address: 132 MOSES GARISH FARMER RD, ELIOT MAINE 03903	Phone: 752-3964
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: R-6
Past Use: Single Family Dwelling	Proposed Use: Same: Single Family Dwelling - to install Buderus heating system	Cost of Work: \$10,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved w/condition <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: Type: Main Gas
		Signature: <i>Capt. Patrice 10/31/11</i>	Signature: <i>[Signature]</i>
Proposed Project Description: install gas unit in the basement		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie		Zoning Approval	

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building Permits do not include plumbing, septic or electrical work.
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.

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<input type="checkbox"/> Not in Dist or Landmark
<input type="checkbox"/> Wetlands	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Does not Require Review
<input type="checkbox"/> Flood Zone	<input type="checkbox"/> Conditional Use	<input type="checkbox"/> Requires Review
<input type="checkbox"/> Subdivision	<input type="checkbox"/> Interpretation	<input type="checkbox"/> Approved
<input type="checkbox"/> Site Plan	<input type="checkbox"/> Approved	<input type="checkbox"/> Approved w/Conditions
	<input type="checkbox"/> Denied	<input type="checkbox"/> Denied
Date: <i>10/27/11</i> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM <input checked="" type="checkbox"/>	Date:	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 appication 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

GB162 Wall Mounted Gas Condensing Boiler

290 MBH and 333 MBH



The GB162 is a high-performance, compact gas condensing boiler capable of achieving ultra-high efficiency levels of 96%. Available with individual inputs of 290 MBH or 333 MBH. Each boiler is capable of modulating down to 20% for optimum performance. Minimal energy usage is achieved through the large, aluminum ALU-Plus heat exchanger, an advanced Energy Management System, and by encouraging the condensing process.

The GB162's small size, wall mounting, and light weight—only 150 pounds each—provide installation flexibility. It is easy to install as a single unit or as multi-boiler cascade configured back-to-back or in-line by using our custom frame. In fact, a 4-boiler cascade, delivers over 1,000 MBH in less than 13 square feet of floor space.



Part No.	Description	Trade Price
GB162/80	GB162/80 Single Boiler (290 MBH)	\$5,916
GB162/100	GB162/100 Single Boiler (333 MBH)	\$7,616

In Addition to the Boiler Each Single Unit GB162 Includes:		
7746900218	Connection Pump Module	
7746900400	Low Loss Header	
B Kit-GB162	(See below for kit contents)	

LP installations require field conversion. Order part number **7746900499** for each boiler that will be converted to LP.

The RC35 EMS control module, features room reset, outdoor reset, a programmable thermostat, DHW priority as well as room, zone, low loss header, and solar control capability.

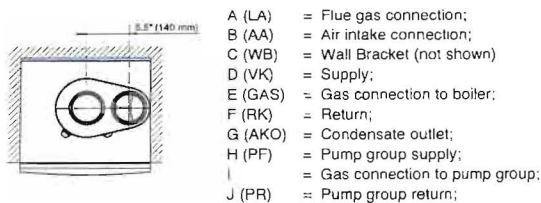
Part No.	Description	Trade Price
RC35	RC35 Control	\$434
7746900845	MCM10 Control Module Price	\$736

All non-steel combustion air and vent pipe materials and fittings must comply with the following and must be UL approved venting material. See product manuals for additional information.

Item	Material	Approved Vent Pipe Material:	
		United States	Canada
4" (100 mm) Vent pipe and fitting	Stainless Steel	Heat Fab (Saf.T.Vent EZ seal), Z-Flex (Zvent IV Special Gas	BH Gas venting systems, ULC S636*
	CPVC schedule 40, 80	ANSI/ASTM F441	
	PVC	ONLY if NO antifreeze is added	no change to existing
Pipe cement/ primer	CPVC	ANSI/ASTM F493	

B Kit-GB162		
Part No.	Description	Qty
Consists of		
7746900020	AM10 Outdoor Reset Module	1
7747026229	Outdoor Temperature Sensor	1
480101-10FP	PH Test Strip (package of 10)	1
0821729	1 1/2" Dielectric Unions	2
TBG-7	Water Quality Document	1

Item	Approved Intake/Combustion Air Pipe Material:	Material:	
		United States	Canada
4" (100 mm) intake/combustion air pipe and fittings	PVC schedule 40,80	ANSI/ASTM D1785	
	PVC-DWV	ANSI/ASTM D2665	BH Gas venting systems, ULC S636*
Pipe cement/ primer	CPVC schedule 40, 80	ANSI/ASTM F441	
	PVC	ANSI/ASTM D2564	
	CPVC	ANSI/ASTM F493	

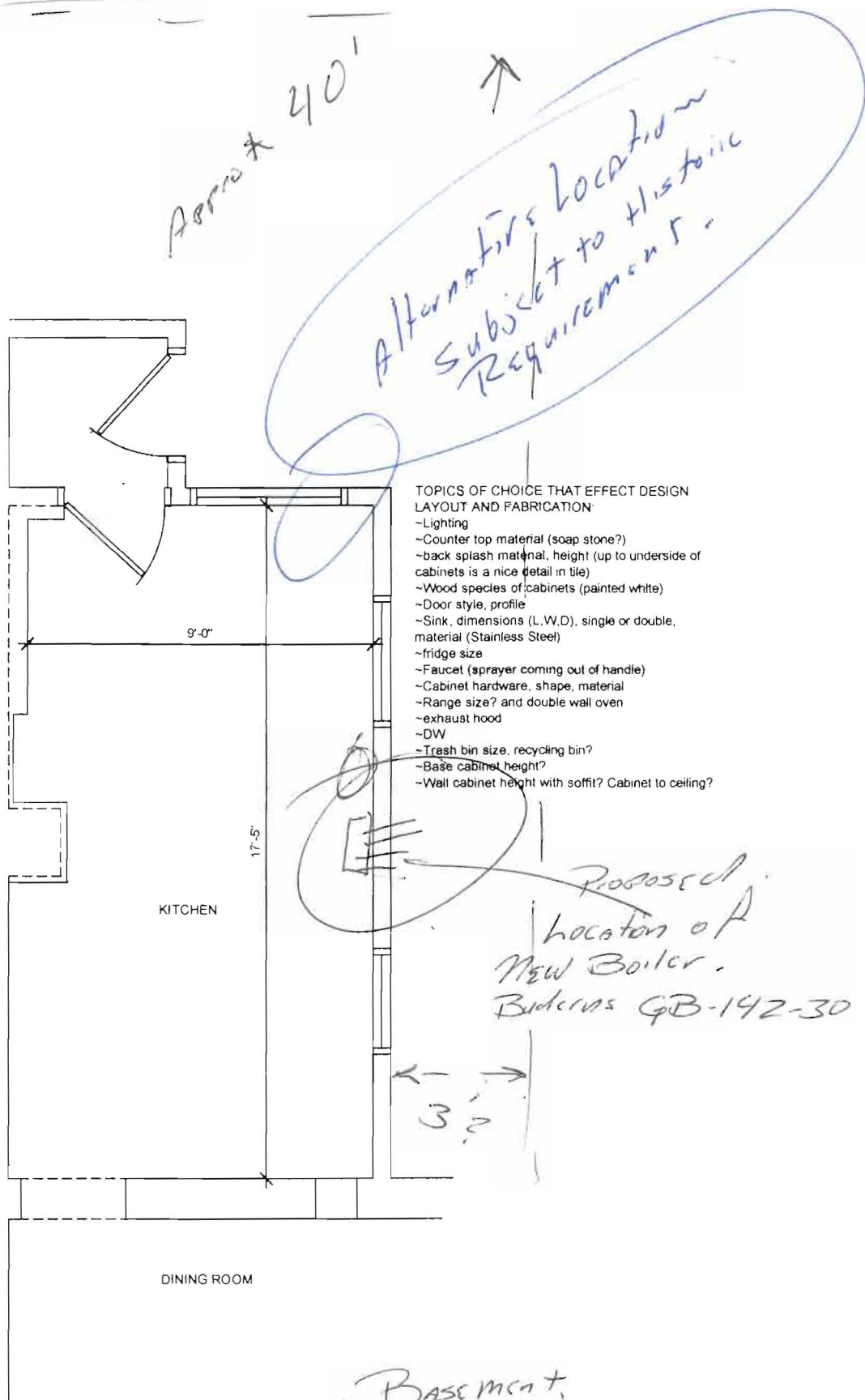


Boiler Certifications

AQMD certified under rule 1146.2 Ref# R08061
 CRN 7990.7C
 MA # G1-00808-30

Wall (mm/inches)	Approved Flue Materials:	
	Flue System (trade name)	Supplier
4" (100 mm) parallel	Parallel Stainless Steel	Flex-L/SJTK_DVG
90°-elbow with inlet screen	Stainless Steel	Z-Flex/Heat Fab

*Components of the certified vent systems must not be interchanged with other vent systems or unlisted pipe fittings. Plastic components, and specified primers and glues of the certified vent system, must be from a single system manufacturer and not intermixed with other system manufacturer's vent system parts.



DRAWING TITLE:
EXISTING KITCHEN FLOOR PLAN

PROJECT NAME:
 STRATTON PLACE, PORTLAND, MAINE
 ADDRESS

THIS DRAWING IS THE PROPERTY OF LINDA BRALEY ARCHITECT AND IS NOT TO BE COPIED OR REPRODUCED IN PART OR WHOLE 2011 © LINDA BRALEY ARCHITECT

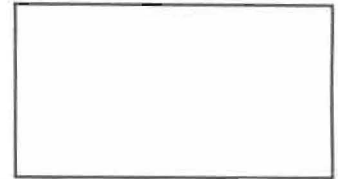
DATE OF ISSUE
 SEPT 20, 2011
 DESCRIPTION
 CONCEPTUAL
 SCALE
 1/4" = 1'-0"
 PROJECT NUMBER
 2011-0300

1 Existing Kitchen Floor Plan
 SCALE: 1/4" = 1'-0"



FILL IN AND SIGN WITH INK

APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



R-6 044 B 036

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 _____ Use of Building SF Date 10-7-2011
 Name and address of owner of appliance 8 Stratton Place Portland
 Installer's name and address Chris Wible 132 Mascos Grrish Farm Rd Eliot Me.
 Telephone 207-752-3964

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: Buderus GB142/30

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 # M590014762
- Solid Fuel # _____
- 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 _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 10,000.00

Permit Fee: \$ 170.00 (HP 50.00) \$ 120.00

Approved

Approved with Conditions

Fire: _____

Ele.: _____

Bldg.: _____

See attached letter or requirement

Inspector's Signature

Date Approved

Signature of Installer _____

White - Inspection

Yellow - File

Pink - Applicant's

Gold - Assessor's Copy



State of Maine

DEPARTMENT OF PROFESSIONAL & FINANCIAL REGULATION
PLUMBERS EXAMINING BOARD

License # MS90014762

Be it known that: **CHRISTOPHER R. WIBLE**
has qualified as required by Title 32 MRSA Chapter 000049 and is
licensed as a

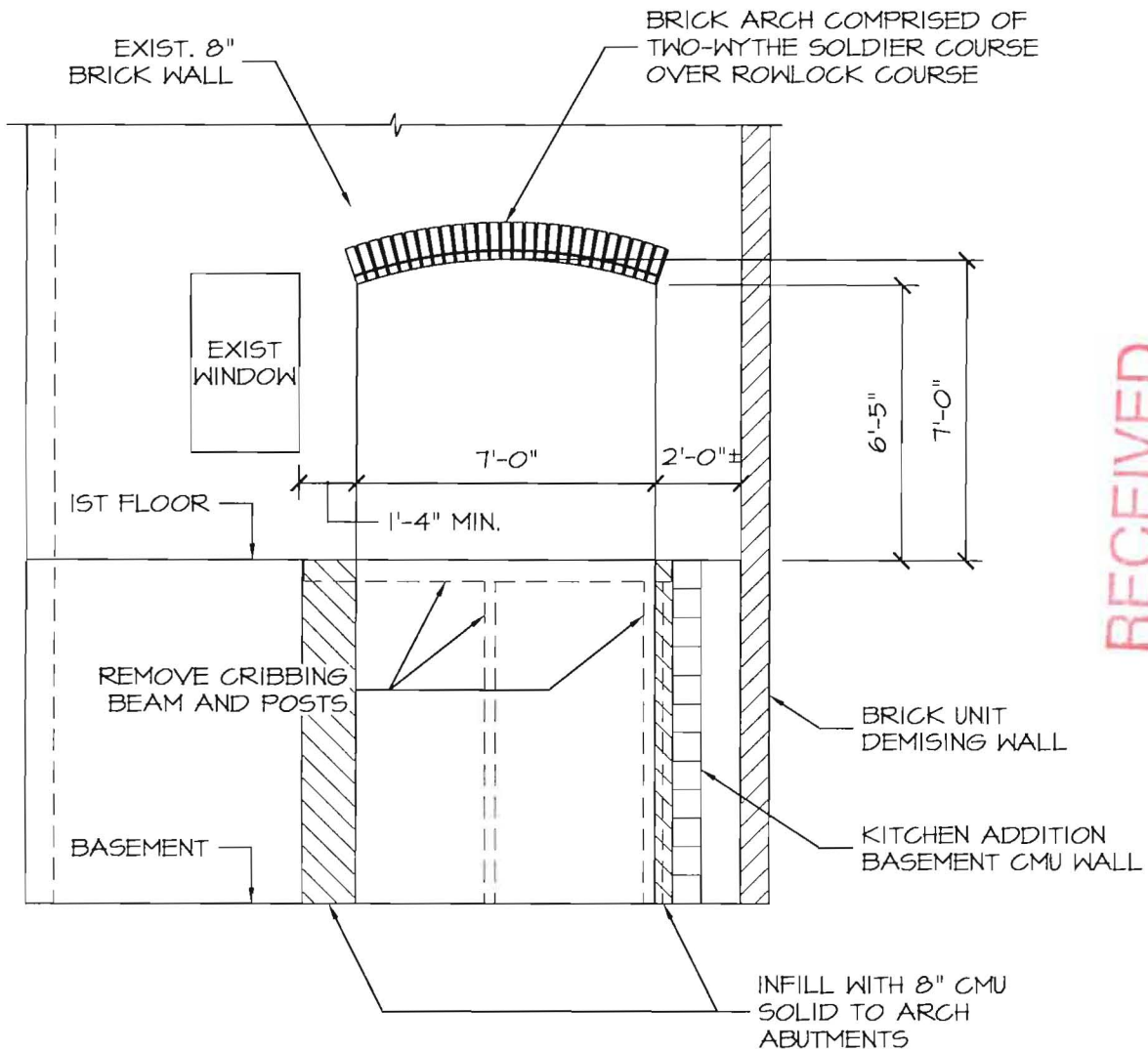
MASTER PLUMBER

ISSUE DATE
Jun 17, 2011

Anne L. Head

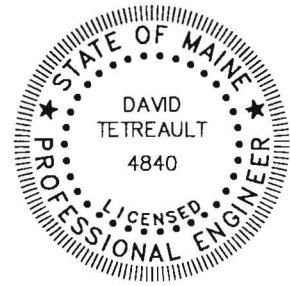
EXPIRATION DATE
Jun 30, 2013

Director, Office of Licensing & Registration



RECEIVED

ARCHED OPENING ELEVATION
 1/4" = 1'-0"
 LOCATED IN REAR WALL AT KITCHEN
 AS VIEWED FROM KITCHEN

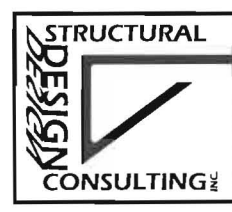


NOV 29 2011
 Dept. of Building Inspections
 City of Portland Maine

44-B-38

date	revision number
11/23/11	

8 STRATTON PLACE
 PORTLAND, MAINE



SK1