



DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

PERMIT ISSUED

This is to certify that Sleepy Hollow Development INC

Located At 72 COVE

FEB 24 2011

has permission to Install an HVAC Unit on Roof

City of Portland

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 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 procured prior to occupancy.

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.

City of Portland, Maine - Building or Use Permit Application
 389 Congress Street, 04101
 Tel: (207) 874-8703, FAX: (207) 8716

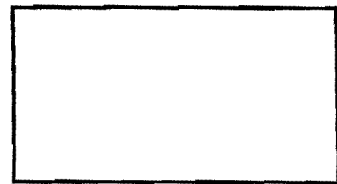
Job No: 2010-12-121-HVAC	Applicatin Date: 12/21/2010	CBL: 010 - - H - 007 - 001 - - - - -
		CBL: 010 - - H - 007 - 002 - - - - -

Location of Construction: 72 COVE 72 COVE BLDG ONLY	Owner Name: HOLLOW DEVELOPMENT INC SLEEPY HOLLOW DEVELOPMENT INC SLEEPY	Owner Address: 183 MIDDLE ST PORTLAND, ME - MAINE 04101 183 MIDDLE ST PORTLAND, ME - MAINE 04101	Phone: PERMIT ISSUED FEB 24 2011 City of Portland
Business Name:	Contractor Name: HVAC Services Inc., HVAC Services Inc.	Contractor Address: 73 Bradley DR WESTBROOK ME 04092 WESTBROOKMAINE04092	Phone:
Lessee/Buyer's Name:	Phone:	Permit Type:	Zone: ILb
Past Use: <i>Recreation</i>	Proposed Use: <i>Recreational Center power YoGA</i>	Permit Fee:	Cost of Work:
Proposed Project Description: <i>HVAC on Roof</i>		<i>Shall meet ILb MAX NOISE Allowance</i> <i>- 12/21/10 12/23/10</i>	
Permit Taken By:	Date Applied For: <i>12/17/10</i>		



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 72 Cove St 010 H007001 010 H007002 Use of Building Commercial Studio Date 12/10/2010
 Name and address of owner of appliance Sleepy Hollow Development
183 Middle St. Portland, Me
 Installer's name and address HVAC SERVICES INC
73 Bradley Drive Westbrook, Me Telephone 207 854 4822

Location of appliance:

- Basement
- Floor
- Attic
- Roof

Type of Fuel:

- Gas
- Oil
- Solid

Appliance Name: TRANE / triangle tube

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 # PNT 1138
- Gas # _____
- Other _____

Type of Chimney:

- Masonry Lined
Factory built _____

- Metal
Factory Built U.L. Listing # _____

- Direct Vent
Type TRANE UL# L2FE.SA7928
triangle tube SN# 2.SA10757

Type of Fuel Tank

- Oil
- Gas

Size of Tank _____

Number of Tanks _____

Distance from Tank to Center of Flame _____ feet.

Cost of Work: \$ 28,700

Permit Fee: \$ _____

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

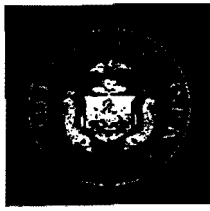
- See attached letter or requirement

Inspector's Signature _____

Date Approved _____

Signature of Installer Steph Neg

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



PORTLAND MAINE

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

Director of Planning and Urban Development
Penny St. Louis Littell

Job ID: 2010-12-121-HVAC

Located At: 72 COVE

CBL010 - - H - 007 - 001 - - - - -

Conditions of Approval:

Zoning

1. This property shall remain a recreational center (Power Yoga). Any change of use shall require a separate permit application for review and approval.
2. The HVAC units shall comply with the I-LB maximum noise allowances.

Building

1. Installation shall comply with the Manufactures specifications, UL, and Maine State Gas Regulations.
2. In structural framing/ fastening shall comply the Engineer's instructions, and IBC, 2009.
3. Maintain proper setbacks from property lines/ buildings and proper clearances from vertical openings when direct venting.
4. Separate permits may be required for electrical installation.

72 Cove St - Zoning

1. This property shall remain a recreational center (Power Yoga). Any change of use shall require a separate permit application for review and approval.
2. The HVAC units shall comply with the I-Lb maximum noise allowances.

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 (Framing, Electrical, 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.

**L & L STRUCTURAL
ENGINEERING SERVICES, INC.**

Six Q Street
South Portland, ME 04106
Phone: (207) 767-4830
Fax: (207) 799-5432

December 13, 2010

Mr. Steve Higgins
HVAC Services, Inc.
73 Bradley Drive
Westbrook, Maine 04094

Subject: Analysis of the Roof Structure to Support HVAC Unit for the building
located at 72 Cove Street, Portland, Maine

Dear Mr. Higgins,

As per your request we have reviewed and analyzed the existing flat roof structure for the single story building located at 72 Cove Street, Portland, Maine. The purpose of our analysis and review was to determine if the existing roof structure is capable of safely supporting a proposed HVAC unit to be installed on top of the roof. The proposed HVAC unit, according to information provided by your office, is a Trane model 48TC A05 Rooftop Unit with an operational weight of 600 pounds. The unit footprint is approximately 3'-10" x 6'-2". The proposed unit shall be located as specified at the building site on top of the structural steel angles that have been installed between the existing open web steel roof joists parallel to an interior masonry wall.

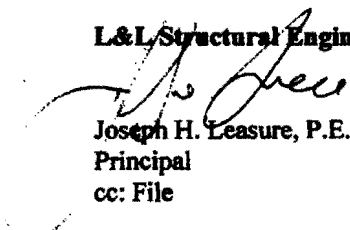
The existing roof structure consists of solid timber roof deck spanning approximately 7'-4" between 24" deep structural steel open web roof joists. The structural steel open web roof joists clear span approximately 47'-0" between an exterior masonry wall and an interior structural steel beam. Three structural steel angles (L3 x 3 x 3/16) have been installed beneath the proposed rooftop unit. Two steel angles are installed beneath both sides of the proposed unit and fastened to the existing open web steel joist located at existing panel point locations within the joist. The third angle is installed between the end of the proposed unit to support the unit as well as the end of the existing timber roof decking that has been cut to provide duct access beneath the unit. The opposite end of the proposed rooftop unit is supported directly over the existing open web steel roof joist. Our analysis and review of the roof structure was performed utilizing the 2003 International Building Code (IBC) adopted by the City of Portland and considering the Building Code Requirements for the material utilized in the existing roof structure.

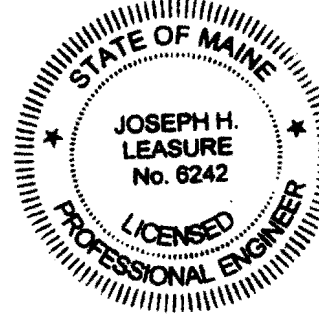
The existing roof structure and recently installed steel angles are capable of supporting the proposed HVAC unit, at the location discussed at the building site, in addition to the current code stipulated structural roof live (snow plus drifting snow as applicable) and dead loading as currently constructed as long as the two side angles that span approximately 7'-4" between the existing open web steel roof joists are reinforced as indicated in drawing S1 attached.

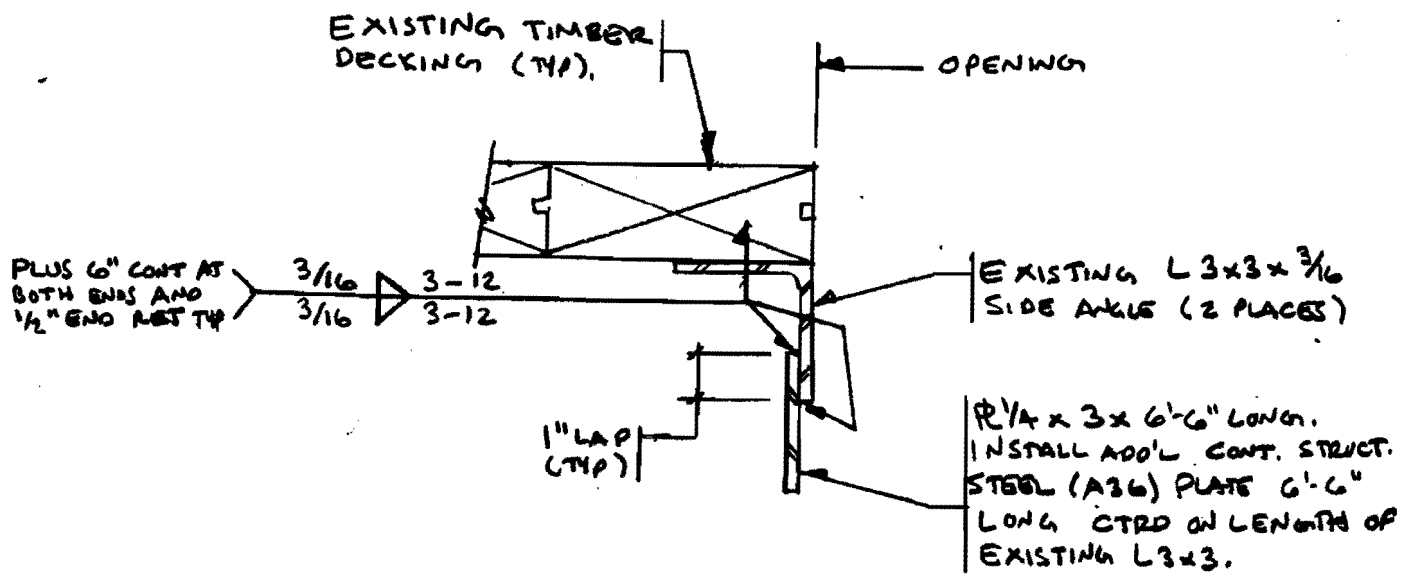
If you have any further questions or require any additional information and/or technical assistance, please do not hesitate to call.

Sincerely,

L&L Structural Engineering Services, Inc.


Joseph H. Leasure, P.E.
Principal
cc: File





SIDE ANGLE REINFORCEMENT (2 PLACES)
3"=1'-0"

designed by: JHL	72 COVE STREET PORTLAND, ME 04102	L & L STRUCTURAL ENGINEERING SERVICES, INC. SIX Q STREET SOUTH PORTLAND, MAINE 04106
drawn by: JHL		
checked by: —		
scale: AS INDICATED		
date: 12/13/10	ROOF TOP HVAC UNIT SUPPORT SIDE ANGLE REINFORCEMENT (2 PLCS).	PHONE: (207) 767-4830 FAX: (207) 799-5432 EMAIL: LLENG@AOL.COM

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CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

12-17 20 10

Received from

HVAC Services -

Location of Work

72 Cow St

Cost of Construction \$

Building Fee:

Permit Fee \$

Site Fee:

Certificate of Occupancy Fee:

Total: 300

Building (IL) Plumbing (IS) Electrical (I2) Site Plan (U2)

Other

HVAC

CBL:

Check #:

CC

Total Collected \$

300

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by:

[Signature]

WHITE - Applicant's Copy

YELLOW - Office Copy

PINK - Permit Copy