

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

CONSTRUCTION

PERMIT

PERMIT ISSUED

Permit Number: 050636
JUN 6 2005

CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

This is to certify that COSGROVE MICHAEL A applicant

has permission to Portable spa on existing Dec

AT 42 STATE ST

044 C016003

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 occupied or closed-in. **48 HOUR 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

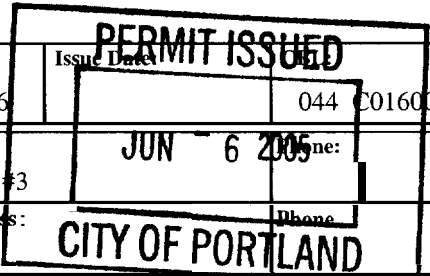
[Signature]
6/3/05
Director Building & Inspection Services
City of Portland

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: 05-0636	Issue Date: JUN 6 2005	044 C016003
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Location of Construction: 42 STATE ST	Owner Name: COSGROVE MICHAEL A	Owner Address: 42 STATE ST #3
Business Name:	Contractor Name: Applicant	Contractor Address: Portland
Lessee/Buyer's Name	Phone:	Permit Type: Zone:

Past Use: 3 unit Condo	Use Group: <i>R/V</i> Type: <i>5B</i>
Proposed Project Description: Portable spa on existing Deck	Signature: <i>[Handwritten Signature]</i>
<input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied	

Permit Taken By: Idobson	Date Applied For: 05/23/2005	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 information may invalidate a building permit and stop all work..	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input checked="" 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: <i>6/3/05</i>	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 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: <i>6/3/05</i>	

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.

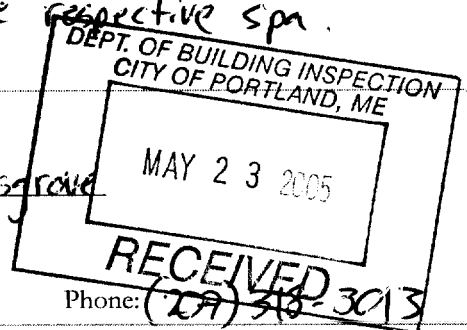
SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE OF WORK. TITLE		DATE	PHONE



Residential Building Permit Application

If you or the property owner owes real estate or **personal** property taxes or user charges on any property within the City, payment arrangements must be made **before** permits of any kind are accepted.

Location/Address of Construction: 42 State St #3		
Total Square Footage of Proposed Structure N/A	Square Footage of Lot N/A	
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 44-C-16 044 0016003	Owner: Michael Cosgrave	Telephone: (207) 318-3013
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone Michael Cosgrave 42 State St #3 Portland, ME 04101	Cost Of Work: \$ 200 Fee: \$
Current Specific use: recreation - deck in existence	(Permit # 654257)	
Proposed Specific use: portable spa on existing deck		
Project description: Electrical wiring completed by Steve McLellan L+L Structural engineers made 4 improvement rec's which were completed and then certified the deck to hold the respective spa.		
Contractor's name, address & telephone: N/A		
Who should we contact when the permit is ready: Michael Cosgrave		
Mailing address: 42 State St #3 Portland, ME 04101		



Please submit all of the information outlined in the Residential Application Checklist. Failure to do so will result in the automatic denial of your permit.

At the discretion of the Planning and Development Department, additional information may be required prior to permit approval. For further information stop by the Building Inspections office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

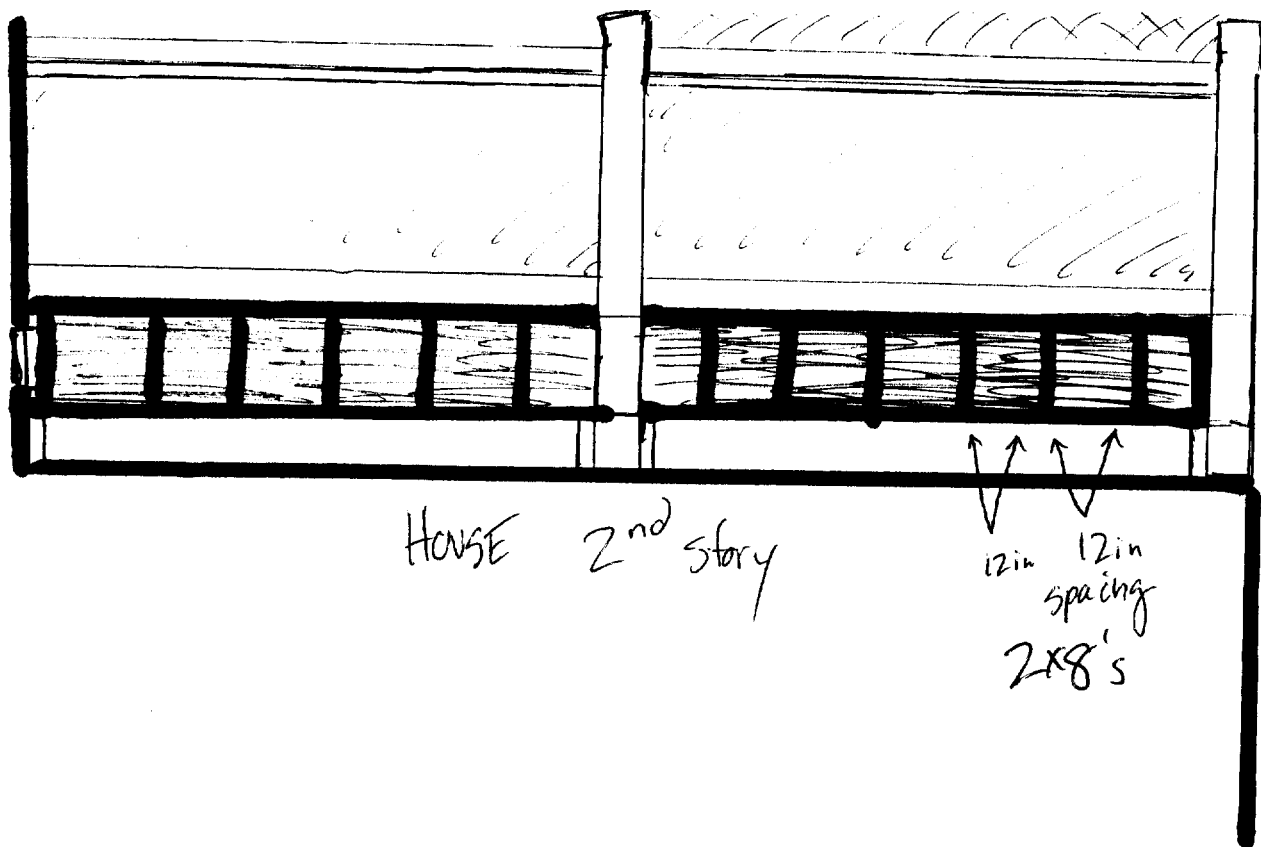
Signature of applicant:  Date: **5/23/2005**

Permit Fee: \$30.00 for the first \$1000.00 Construction Cost, \$9.00 per additional \$1000.00 cost

This is not a Permit; you may not commence any work until the Permit is issued.

3rd story

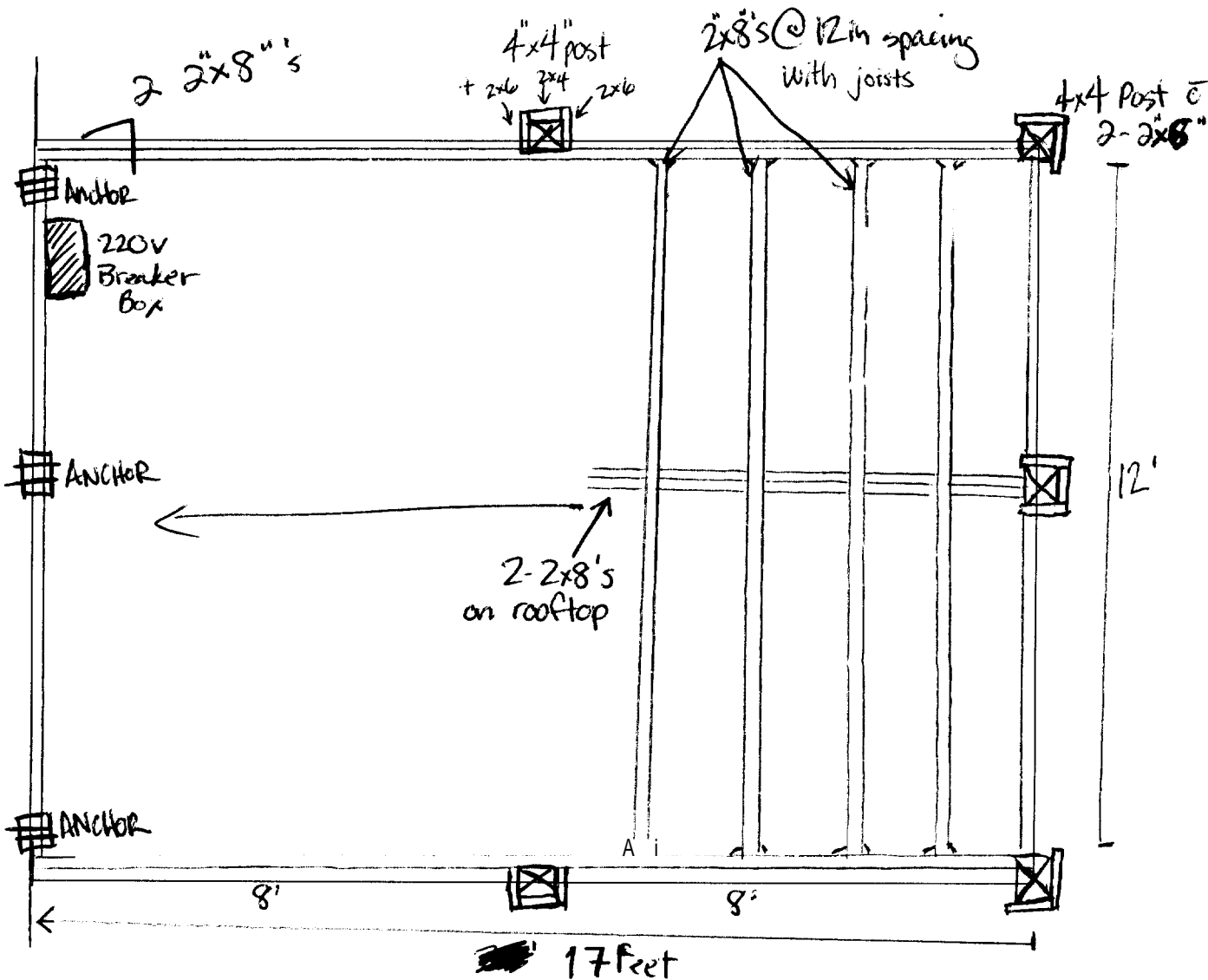
HOUSE



HOUSE 2nd story

12in 12in spacing
2x8's

HOUSE



L & L STRUCTURAL

ENGINEERING SERVICES, INC.

Six Q Street

South Portland, ME 04106

Phone: (207) 767-4830

Fax: (207) 799-5432

April 26, 2005

Mike Cosgrove
42 State Street
Portland, Maine 04101

Subject: Building at 42 State Street, Portland, Maine
Existing Exterior Roof Decks

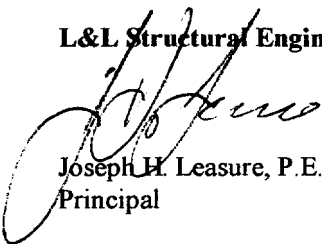
Dear Mr. Cosgrove,

As per your request we visited the site of the aforementioned building on the March 7, 2005 to review the existing roof top deck framing above the low roof on the rear of the building. During our visit we analyzed the existing structure and provided several structural modifications required to reinforce the existing deck framing as well as the existing guardrail. Our analysis and structural design modifications were performed in conformance with the structural portion of the 2003 (IBC) International Building Code adopted by the City of Portland including the proposed weight of the hot tub to be located on the proposed rooftop decks. As stated in our previous correspondence the hot tub is a Tiger River Spas Sumatran Model having an operational weight of approximately 3,800# on a footprint of 78" x 78". Subsequently, we reviewed the completed structural modifications of the existing roof deck utilizing several digital photographs that you provided of the specific areas we identified to be modified. The structural framing modifications and reinforcement is completed and is in general compliance with our design recommendations with the exception of the field verification of the exiting roof framing beneath the deck framing. We assumed that the existing roof framing consists of a minimum of 2x8 @ 16" o.c. roofjoists (parallel to the deck joists above) supported on the two exterior sidewalls of the existing building (approx. 12'-0" span). The continuous blocking beneath the center 2-2x6 deck beam that you recently installed is intended to share the deck loads between the existing 2x8 deckjoists and the assumed 2x8 (minimum) roofjoists below. Consequently, the existing deck structure is capable of supporting the code stipulated structural loading along with the proposed hot tub loads as long as the existing roofjoists beneath the deck framing are 2x8 @ 16" o.c. minimum and clear spanning the direction we assumed (side to side approx. 12'-0") parallel to the existing deckjoists above.

If you have any questions, please do not hesitate to call.

Sincerely,

L&L Structural Engineering Services, Inc.


Joseph H. Leasure, P.E.
Principal

