

# DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

**DEPARTMENT OF BUILDING & INSPECTION**

**PERMIT**

Permit Number: 070371

This is to certify that FULLER DANIEL I & LISA ITS /Oak Tree Carpentry  
has permission to amendment to permit #07013 Remove wall & add additional support beams  
AT 91 HERSEY ST 128 C007D01

**PERMIT ISSUED**  
APR - 9 2007  
CITY OF PORTLAND

provided that the person or persons who perform or supervise the work accepting this permit shall comply with all of the provisions of the Statutes of this State 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 when permission is procured before this building or part thereof is occupied or closed-in. 4 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

*Thomas M. Mackley* 4/9/07  
Director - Building & Inspection Services

**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

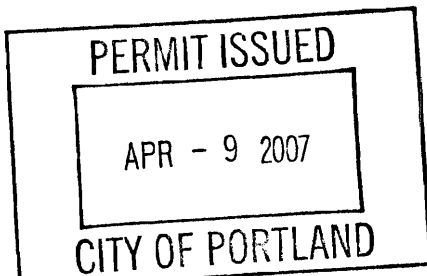
Permit No: 07-0371	Issue Date:	CBL: 128 C007001
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Location of Construction: 91 HERSEY ST	Owner Name: FULLER DANIEL J & LISA A JTS	Owner Address: 91 HERSEY ST	Phone:
Business Name:	Contractor Name: Oak Tree Carpentry	Contractor Address: 14 Stetson Court Portland	Phone 2077614394
Lessee/Buyer's Name	Phone:	Permit Type: Amendment to Single Family	Zone: R4

Past Use: Single Family Home	Proposed Use: Single Family Home - amendment to permit #070146 Remove wall & add additional support beams	Permit Fee: \$30.00	Cost of Work: \$30.00	CEO District: 4
Proposed Project Description: amendment to permit #070146 Remove wall & add additional support beams		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: R3 Type: SB IRC 2003	
		Signature:	Signature: <i>Jm 4/9/07</i>	
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: ldobson	Date Applied For: 04/09/2007	<b>Zoning Approval</b>		
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<ol style="list-style-type: none"> <li>This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</li> <li>Building permits do not include plumbing, septic or electrical work.</li> <li>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..</li> </ol>	<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetland <input 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>Jm 4/9/07</i>	<b>Zoning Appeal</b> <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: _____	<b>Historic Preservation</b> <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>4/9/07</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 \_\_\_\_\_

**City of Portland, Maine - Building or Use Permit**

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

<b>Permit No:</b> 07-0371	<b>Date Applied For:</b> 04/09/2007	<b>CBL:</b> 128 C007001
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<b>Location of Construction:</b> 91 HERSEY ST	<b>Owner Name:</b> FULLER DANIEL J & LISA A JTS	<b>Owner Address:</b> 91 HERSEY ST	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Oak Tree Carpentry	<b>Contractor Address:</b> 14 Stetson Court Portland	<b>Phone</b> (207) 761-4394
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Amendment to Single Family	

<b>Proposed Use:</b> Single Family Home - amendment to permit #070146 Remove wall & add additional support beams	<b>Proposed Project Description:</b> amendment to permit #070146 Remove wall & add additional support beams
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**Dept:** Zoning      **Status:** Approved      **Reviewer:** Tom Markley      **Approval Date:** 04/09/2007

**Note:** **Ok to Issue:**

- 1) 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:** Tom Markley      **Approval Date:** 04/09/2007

**Note:** **Ok to Issue:**

- 1) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.
- 2) Separate permits are required for any electrical, plumbing, or HVAC systems. Separate plans may need to be submitted for approval as a part of this process.



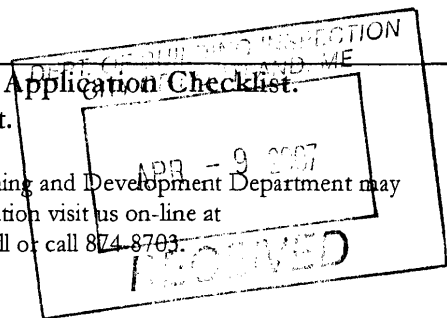
# General Building Permit Application

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: <u>91 Hershey St Portland, Maine</u>		
Total Square Footage of Proposed Structure	Square Footage of Lot	
Tax Assessor's Chart, Block & Lot Chart#      Block#      Lot# <u>128      C      7</u>	Owner: <u>Daniel + Lisa Fuller</u>	Telephone: <u>7750549</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>David J. Searles 14 Stetson Court Portland Maine</u>	Cost Of Work: \$ <u>1500.</u> Fee: \$ _____ C of O Fee: \$ _____
Current legal use (i.e. <u>single family</u> ) If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>Amend Permit # 070146 Remove wall add additional support</u>		
Contractor's name, address & telephone: Who should we contact when the permit is ready: <u>David J. Searles</u> Mailing address: <u>14 Stetson Court</u> Phone: <u>8318364</u> <u>Portland Maine 04101</u>		

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

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information visit us on-line at [www.portlandmaine.gov](http://www.portlandmaine.gov), stop by the Building Inspections office, room 315 City Hall or call 874-8703.



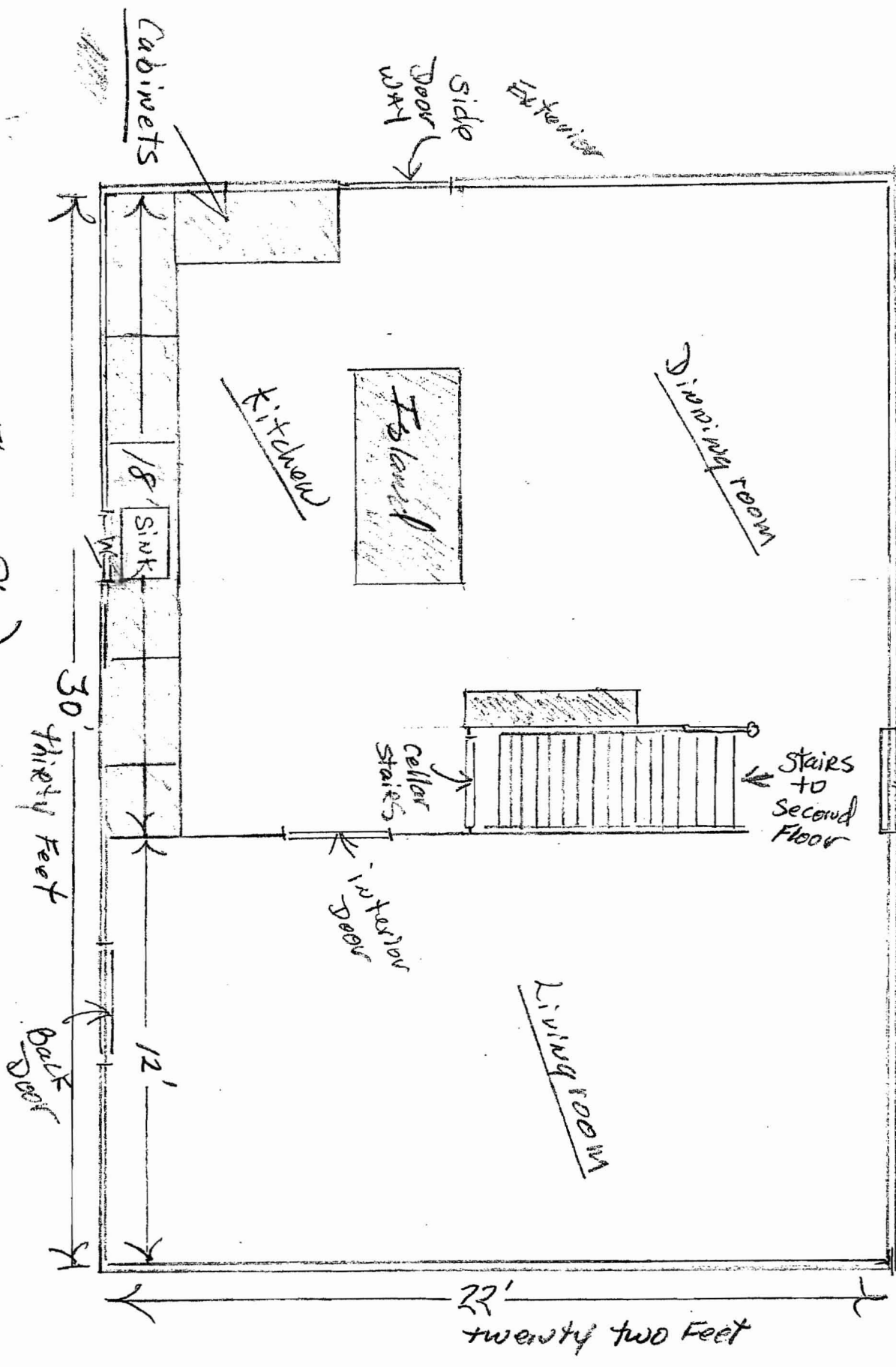
I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, 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: <u>David J. Searles</u>	Date: <u>4/9/07</u>
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This is not a permit; you may not commence ANY work until the permit is issued.

Builder - David Searles cell 8318364  
2/5/07

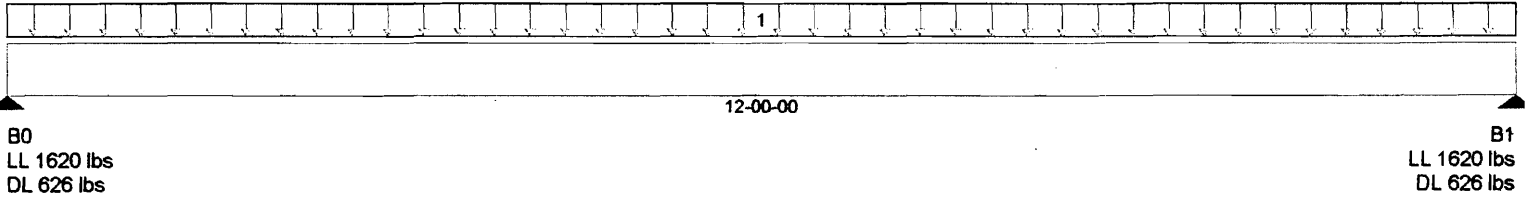
71 Hershey St  
Portland Maine



New Floor Plans  
(with some bearing wall gone) + Bearing wall gone next to Dining

Job Name:  
Address:  
City, State, Zip: ,  
Customer:  
Code reports: ESR-1040

File Name: BC CALC Project  
Description: FB01  
Specifier:  
Designer:  
Company:  
Misc:



Total of Horizontal Design Spans = 12-00-00

Load Summary		Load Type	Ref.	Start	End	Live 100%	Dead 90%	Snow 100%	Wind 133%	Roof Live 125%	Trib.
1	Standard Load	Unf. Area (psf)	Left	00-00-00	12-00-00	30	10				09-00-00

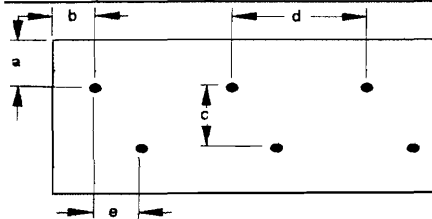
Controls Summary	Value	% Allowable	Duration	Load Case	Span Location
Pos. Moment	6737 ft-lbs	40.2%	100%	1	1 - Internal
End Shear	1992 lbs	20.7%	100%	1	1 - Left
Total Load Defl.	L/367 (0.393")	65.5%		1	1
Live Load Defl.	L/508 (0.283")	70.8%		1	1
Span / Depth	19.9	n/a			1

**Disclosure**  
Completeness and accuracy of input must be verified by anyone who would rely on output as evidence of suitability for particular application. Output here based on building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with current Installation Guide and applicable building codes. To obtain Installation Guide or ask questions, please call (800)232-0788 before installation.

BC CALC®, BC FRAMER®, AJS™, ALLJOIST®, BC RIM BOARD™, BCI®, BOISE GLULAM™, SIMPLE FRAMING SYSTEM®, VERSA-LAM®, VERSA-RIM PLUS®, VERSA-RIM®, VERSA-STRAND®, VERSA-STUD® are trademarks of Boise Wood Products, L.L.C.

**Notes**  
Design meets Code minimum (L/240) Total load deflection criteria.  
Design meets Code minimum (L/360) Live load deflection criteria.  
Minimum bearing length for B0 is 1-1/2".  
Minimum bearing length for B1 is 1-1/2".  
Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 min. end bearing + 1/2 intermediate bearing

**Connection Diagram**



a minimum = 1-1/2" c = 4-1/4"  
b minimum = 4" d = 6"  
e minimum = 1"

Member has no side loads.  
Connectors are: SDS 1/4 x 6

**Choice** **W 8x 31 A36 Wide Flange Steel** **Lateral Support at: Lc = 8.4 ft max.**

**Conditions** Actual Size is 8 x 8 in.,  
 Min Bearing Length R1= 0.9 in. R2= 0.9 in. DL Defl 0.05 in Suggested Camber 0.07 in

**Data**

Beam Span	15.0 ft	Reaction 1	3828 #	Reaction 1 LL	2640 #
Beam Wt per ft	31.0 #	Reaction 2	1131 #	Reaction 2 LL	660 #
Beam Weight	465 #	Maximum V	3828 #		
Max Moment	11657 #	Max V (Reduced)	N/A		
TL Max Defl	L / 240	TL Actual Defl	L / >1000		
LL Max Defl	L / 480	LL Actual Defl	L / >1000		

**Attributes**

	Section (in <sup>2</sup> )	Shear (in <sup>2</sup> )	TL Defl (in)	LL Defl
Actual	27.50	2.28	0.15	0.10
Critical	5.89	0.27	0.75	0.38
Status	OK	OK	OK	OK
Ratio	21%	12%	20%	27%

**Values**

	Fb (psi)	Fv (psi)	E (psi x mil)
Base Value Fy	36000	36000	29.0
Base Adjusted	23760	14400	29.0

**Adjustments**

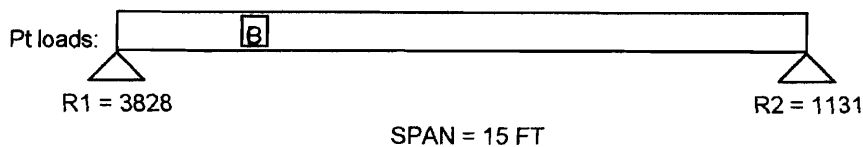
YP Factor, Lc	0.66	0.40
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At Point Loads : Provide these minimum bearing lengths in inches or provide web stiffeners.  
 B = 0.9 C = 0.9

BeamChek has automatically added the beam self-weight into the calculations.

**Loads**

Point LL	Point TL	Distance
1800	B = 2451	3.0
1500	C = 2043	3.0



Uniform and partial uniform loads are lbs per lineal ft.