

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

DEPT. OF BUILDING INSPECTION
 CITY OF PORTLAND, ME

Permit No: 05-0524 Issue Date: JUN 9 2005 CBL: 382A-D024001

Location of Construction: Longview Dr	Owner Name: NIAL CONSTRUCTION INC	Owner Address: 191 STATE RD # 2	Phone: 2073294963
Business Name:	Contractor Name: 913-0808	Contractor Address: 14 Inland Farm Road Windham	Phone: 2073294963
Lessee/Buyer's Name:	CITY OF PORTLAND	Permit Type: Single Family	Zone: R-7

Past Use: Vacant Land	Proposed Use: Single Family Home/ 28' x 36' w/ 6'x 36' farmers porch and attached garage 26'x28'
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Permit Fee: \$2,202.00 Cost of Work: \$234,000.00 (CEO District): 5

FIRE DEPT: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied Signature: <i>[Signature]</i>	INSPECTION: Use Group R3 Type SB IPC 2003 Signature: <i>[Signature]</i>
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Proposed Project Description:
 Single Family Home/ 28 x 36' w/ 6'x 36' farmers porch & attached garage 26'x28'

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)
 Action: Approved Approved w/Conditions Denied
 Signature: _____ Date: _____

Permit Taken By: Idobson Date Applied For: 05/03/2005

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 <i>N/A</i> <input type="checkbox"/> Wetland <input type="checkbox"/> Flood Zone <i>Panel 2 Zone X</i> <input type="checkbox"/> Subdivision <input checked="" type="checkbox"/> Site Plan <i>#2005-0095</i> Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input checked="" type="checkbox"/> <i>ok with concrete</i> Date: <i>5/16/05</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: <i>5</i>	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>[Signature]</i>
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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

Permit No: 05-0524	Date Applied For: 05/03/2005	CBL: 382A D024001
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Location of Construction: Longview Dr	Owner Name: NIAL CONSTRUCTION INC	Owner Address: 191 STATE RD # 2	Phone:
Business Name:	Contractor Name: Rick Ober	Contractor Address: 14 Inland Farm Road Windham	Phone (207) 329-4963
Lessee/Buyer's Name	Phone:	Permit Type: Single Family	
		Proposed Project Description: Single Family Home/ 28' x 36' w/ 6'x 36' farmers porch & attached garage 26'x28'	

Dept: Zoning **Status:** Approved with Conditions **Reviewer:** Marge Schmuckal **Approval Date:** 05/16/2005**Note:** **Ok to Issue:**

- 1) Separate permits shall be required for future decks, sheds, pools, and/or garages. Please note that the construction propose under this permit is very close to maximizing the allowable lot coverage of 20%.
- 2) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.
- 3) 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:** Tammy Munson **Approval Date:** 06/07/2005**Note:** **Ok to Issue:**

- 1) As discussed, the basement walls or the first floor must be insulated.
- 2) The basement is NOT approved as habitable space. A code compliant 2nd means of egress must be installed in order to change the use of this space.
- 3) The design load spec sheets for any engineered beam(s) must be submitted to this office.
- 4) A copy of the enclosed chimney disclosure must be submitted to this office upon completion of the permitted work or for the Certificate of Occupancy.
- 5) Permit approved based on the plans submitted and reviewed wlownerlcontractor, with additional information as agreed on and as noted on plans.
- 6) Separate permits are required for any electrical, plumbing, or heating.
- 7) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.

Dept: DRC **Status:** Approved with Conditions **Reviewer:** Jay Reynolds **Approval Date:** 05/24/2005**Note:** **OktoIssue:**

- 1) The Development Review Coordinator reserves the right to require additional lot grading or other drainage improvements as necessary due to field conditions.
- 2) A sewer permit is required for you project. Please contact Carol Merritt at 874-8300, ext .8822.The Wastewater and Drainage section of Public Works must be notified five (5) working days prior to sewer connection to schedule an inspector for your site.
- 3) All damage to sidewalk, curb, street, or public utilities shall be repaired to City of Portland standards prior to issuance of a certificate of occupancy.
- 4) Your new street address is now #5 LONGVIEW DRIVE, the number must be displayed on the street frontage of your house prior to issuance of a Certificate of Occupancy.
- 5) Two (2) City of Portland approved species and size trees must be planted on your street frontage prior to issuance of a Certificate of Occupancy.

Location of Construction: Longview Dr	Owner Name: NIAL CONSTRUCTION INC	Owner Address: 191 STATE RD # 2	Phone:
Business Name:	Contractor Name: Rick Ober	Contractor Address: 14 Inland Farm Road Windham	Phone (207) 329-4963
Lessee/Buyer's Name	Phone:	Permit Type: Single Family	

Dept: Planning

Status: Not Applicable

Reviewer: Jay Reynolds

Approval Date: 0512412005

Note:

OktoIssue:

Comments:

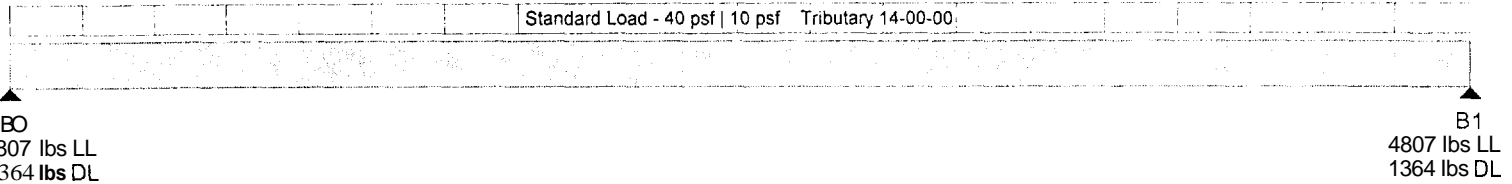
5/17/05-tmm: called builder - sent copy of review sheet

6/3/05-gg: received additional plans revised 11"x 17" and large plans. /gg

Single 5 1/4" x 14" VERSA-LAMB 3080 DF

Job Name: Lot #4
 Address:
 City, State, Zip: Portland, ME
 Customer: Rick Ober
 Code reports: ICBO 5663, NER 442

File Name: BC CALC Project : FB01
 Description:
 Specifier:
 Designer: M. Andrews
 Company: Hancock Lumber
 Misc: Beam between Living / Dining in 2nd. floor deck



Total Horizontal Length - 17-02-00

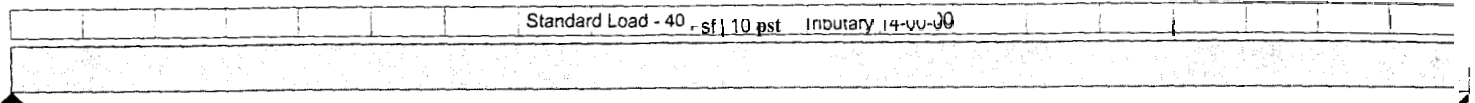
General Data		Load Summary									
Version:	US Imperial	ID	Description	Load Type	Ref.	Start	End	Type	Value	Trib.	Dur.
Member Type:	Floor Beam	S	Standard Load	Unf. Area	Left	00-00-00	17-02-00	Live	40 psf	14-00-00	100%
Number of Spans:	1							Dead	10 psf	14-00-00	90%
Left Cantilever:	No	Controls Summary									
Right Cantilever:	No	Control Type	Value	% Allowable	Duration	Load Case	Span Location				
Slope:	0112	Moment	26481 ft-lbs	61.2%	100%	2	1 - Internal				
Tributary:	14-00-00	Neg. Moment	0 ft-lbs	n/a	100%						
Live Load:	40 psf	End Shear	5332 lbs	38.2%	100%	2	1 - Left				
Dead Load:	10 psf	Total Load Defl.	L/352 (0.585")	68.2%		2	1				
Partition Load:	0 psf	Live Load Defl.	L/452 (0.456")	79.656		2	1				
Duration:	100	Notes									
Disclosure		Design meets Code minimum (L/240) Total load deflection criteria.									
The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation.		Design meets Code minimum (L/360) Live load deflection criteria.									
		Minimum bearing length for B0 is 1-112".									
		Minimum bearing length for B1 is 1-112".									
		Entered/Displayed Horizontal Span Length(s) = Clear Span + 1/2 min. end bearing + 1/2 intermediate bearing									
BC CALC®, BC FRAMER®, BCI®, BC RIM BOARD™, BC OSB RIM BOARD™, BOISE GLULAM™, VERSA-LAMB®, VERSA-RIM®, VERSA-RIM PLUS®, VERSA-STRAND™, VERSA-STUD®, ALLJOIST® and AJS™ are trademarks of Boise Cascade Corporation.											

Single 3 1/2" x 9 1/2" VERSA-LAM@3080 DF

Job Name: Lot #4
 Address:
 City, State, Zip: Portland, ME
 Customer: Rick Ober

File Name: BC CALC Project : FB02
 Description:
 Specifier:
 Designer: M. Andrews
 Company: Hancock Lumber
 Misc: Beam between stair and closet in 2nd. floordeck

Code reports: ICBO 5663, NER 442



BO
 2310 lbs LL
 613 lbs DL

B
 2310 lbs
 613 lbs

Total Horizontal Length - 08-03-00

General Data

Version: US Imperial
 Member Type: Floor Beam
 Number of Spans: 1
 Left Cantilever: No
 Right Cantilever: No
 Slope: 0/12
 Tributary: 14-00-00
 Live Load: 40 psf
 Dead Load: 10 psf
 Partition Load: 0 psf
 Duration: 100

Disclosure

The completeness and accuracy of the input must be verified by anyone who would rely on the output as evidence of suitability for a particular application. The output above is based upon building code-accepted design properties and analysis methods. Installation of BOISE engineered wood products must be in accordance with the current Installation Guide and the applicable building codes. To obtain an Installation Guide or if you have any questions, please call (800)232-0788 before beginning product installation.

BC CALC®, BC FRAMER®, BC1®, BC RIM BOARD™, BC OSB RIM BOARD™, BOISE GLULAM™, VERSA-LAMB, VERSA-RIM®, VERSA-RIMPLUS®, VERSA-STRAND™, VERSA-STUD®, ALLJOIST® and AJS™ are trademarks of Boise Cascade Corporation.

Load Summary

D	Description	Load Type	Ref.	Start	End	Type	Value	Trib.	Dur.
3	Standard Load	Unf. Area	Left	00-00-00	08-03-00	Live	40 psf	14-00-00	100%
						Dead	10 psf	14-00-00	90%

Controls Summary

Control Type	Value	% Allowable	Duration	Load Case	Span Location
Moment	6028 ft-lbs	43.5%	100%	2	1 - Internal
Neg. Moment	0 ft-lbs	n/a	100%		
End Shear	2362 lbs	37.4%	100%	2	1 - Left
Total Load Defl.	L/670 (0.148")	35.8%		2	
Live Load Defl.	L/848 (0.117")	42.4%		2	1

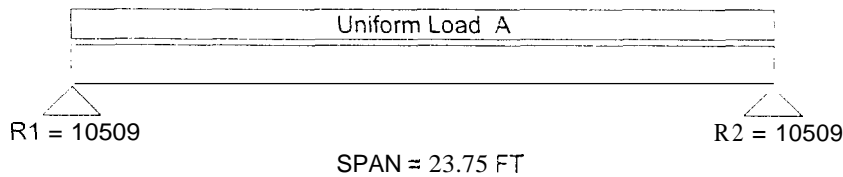
Notes

Design meets Code minimum (L/240) Total load deflection criteria.
 Design meets Code minimum (L/360) Live load deflection criteria.
 Minimum bearing length for BO 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

<u>Choice</u>	W 16x 40 A36 Wide Flange Steel		Lateral support at: Lc = 7.4 ft max.			
<u>Conditions</u>	Actual Size is 7 x 16 in., Min Bearing Length R1= 1.2 in. R2= 1.2 in. DL Defl 0.11 in Suggested Camber 0.17 in					
<u>Data</u>	Beam Span	23.75 ft	Reaction 1	10509#	Reaction 1 LL	7719 #
	Beam Wt per ft	40.0 #	Reaction 2	10509#	Reaction 2 LL	7719 #
	Beam Weight	950 #	Maximum V	10509 #		
	Max Moment	62399 #'	Max V (Reduced)	N/A		
	TL Max Defl	L / 1240	TL Actual Defl	L / 677		
	LL Max Defl	L / 360	LL Actual Defl	L / 1922		
<u>Attributes</u>	Section (in ³)	Shear (in ²)	TL Defl (in)	LL Defl		
Actual	64.70	4.88	0.42	0.31		
Critical	31.51	0.73	1.19	0.79		
Status	OK	OK	OK	OK		
Ratio	49%	15%	35%	39%		
<u>Values</u>		Fb (psi)	Fv (psi)	E (psi x mil)		
	Base Value Fy	36000	36000	29.0		
	Base Adjusted	23760	14400	29.0		
<u>Adjustments</u>	YP Factor, Lc	0.66	0.40			

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

Loads Uniform TL: 845 = A Uniform LL: 650

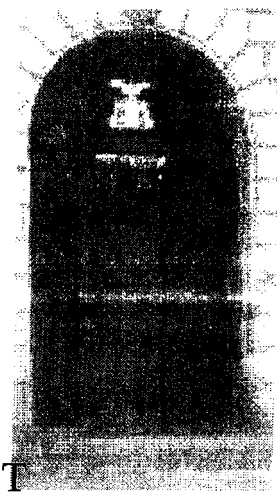


Uniform and partial uniform loads are lbs per lineal ft.

City of Portland INSPECTION SERVICES

Room 315
389 Congress Street
Portland, Maine 04101

Telephone: 207-874-8703 or 207-874-8693
Facsimile: 207-874-8716



FACSIMILE TRANSMISSION COVER SHEET

TO: <u>Rick Ober</u>	FROM: <u>Tammy Morrison</u>
FAX NUMBER: <u>207-893-0808</u>	NUMBER OF PAGES, WITH COVER: <u>4</u>
TELEPHONE: _____	RE: _____
DATE: <u>5/17/05</u>	

Comments:

Rick -
Call if you
have questions.
Tammy

**CITY OF PORTLAND, MAINE
DEVELOPMENT REVIEW APPLICATION
PLANNING DEPARTMENT PROCESSING FORM
Zoning Copy**

2005-0095 _____

Application I. D. Number

5/3/2005 _____

Application Date

Auburn Estates SFH lot #4 _____

Project Name/Description

Nial Construction Inc _____

Applicant

191 State Rd # 2, Kittery, ME 03904 _____

Applicant's Mailing Address

Marge Schmuckal

557 - 557 Auburn St, Portland, Maine _____

Address of Proposed Site

382A D024001 _____

Assessor's Reference: Chart-Block-Lot

Consultant/Agent

Agent Ph: _____ **Agent Fax:** _____

Applicant or Agent Daytime Telephone, Fax

Proposed Development (check all that apply): New Building Building Addition Change Of Use Residential Office Retail
 Manufacturing Warehouse/Distribution Parking Lot Other (specify) _____

28'x36' _____

Proposed Building square Feet or # of Units

11146 sf _____

Acreage of Site

_____ Zoning

Check Review Required:

- | | | | |
|--|---|--|--|
| <input checked="" type="checkbox"/> Site Plan
(major/minor) | <input type="checkbox"/> Subdivision
of lots _____ | <input type="checkbox"/> PAD Review | <input type="checkbox"/> 14-403 Streets Review |
| <input type="checkbox"/> Flood Hazard | <input type="checkbox"/> Shoreland | <input type="checkbox"/> Historic Preservation | <input type="checkbox"/> DEP Local Certification |
| <input type="checkbox"/> Zoning Conditional
Use (ZBA/PB) | <input type="checkbox"/> Zoning Variance | <input type="checkbox"/> Other _____ | |

Fees Paid: Site Pla **\$50.00** Subdivision _____ Engineer Review **\$250.00** Date **5/6/2005**

Zoning Approval Status:

Reviewer _____

- Approved** **Approved w/Conditions** See Attached **Denied**

Approval Date _____ Approval Expiration _____ Extension to _____ Additional Sheets Attached

Condition Compliance _____ signature _____ date _____

Performance Guarantee **Required*** **Not Required**

* No building permit may be issued until a performance guarantee has been submitted as indicated below

<input type="checkbox"/> Performance Guarantee Accepted	_____ date _____	_____ amount _____	_____ expiration date _____
<input type="checkbox"/> Inspection Fee Paid	_____ date _____	_____ amount _____	
<input type="checkbox"/> Building Permit Issue	_____ date _____		
<input type="checkbox"/> Performance Guarantee Reduced	_____ date _____	_____ remaining balance _____	_____ signature _____
<input type="checkbox"/> Temporary Certificate of Occupancy	_____ date _____	<input type="checkbox"/> Conditions (See Attached)	_____ expiration date _____
<input type="checkbox"/> Final Inspection	_____ date _____	_____ signature _____	
<input type="checkbox"/> Certificate Of Occupancy	_____ date _____		
<input type="checkbox"/> Performance Guarantee Released	_____ date _____	_____ signature _____	
<input type="checkbox"/> Defect Guarantee Submitted	_____ submitted date _____	_____ amount _____	_____ expiration date _____
<input type="checkbox"/> Defect Guarantee Released	_____ date _____	_____ signature _____	