

Form # P 04

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

Please Read
Application And
Notes, If Any,
Attached

BU
PERMIT

Permit Number: 101512

This is to certify that Smith David W &/David Smith
has permission to Adding 14' x 24' addition to 2 car garage.
AT 55 Longwood Dr CBL 283 B012001

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.

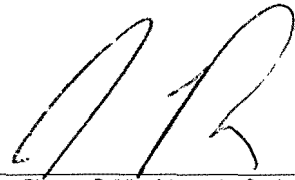
Apply to Public Works for street line and grade if nature of work requires such information.

Notification of inspection must be given and written permission procured before this building or part thereof is lathed or otherwise closed-in. 24 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


Director - Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

PERMIT ISSUED

FEB 10 2011

City of Portland

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

Permit No: 10-1512	Issue Date:	CBL: 283 B012001
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Location of Construction: 55 Longwood Dr	Owner Name: Smith David W &	Owner Address: 55 Longwood Dr	Phone: 207-332-4740
Business Name:	Contractor Name: David Smith	Contractor Address: 55 longwood Drive Portland	Phone: 2073324740
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	Zone: R-3

Past Use: Single Family	Proposed Use: Single Family / Adding 14' x 24' addition to 2 car garage.	Permit Fee: \$140.00	Cost of Work: \$12,000.00	CEO District: 3
Proposed Project Description: Adding 14' x 24' addition to 2 car garage.		FIRE DEPT: <input type="checkbox"/> Approved <input type="checkbox"/> Denied	INSPECTION: Use Group: Type:	
		Signature:		Signature:
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: jmy	Date Applied For: 12/13/2010	Zoning Approval		
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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.. PERMIT ISSUED FEB 10 2011	Special Zone or Reviews <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: 12/13/10 <i>AB</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 <i>ASH</i> Date:
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City of Portland

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: 10-1512	Date Applied For: 12/13/2010	CBL: 283 B012001
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Location of Construction: 55 Longwood Dr	Owner Name: Smith David W &	Owner Address: 55 Longwood Dr	Phone: 207-332-4740
Business Name:	Contractor Name: David Smith	Contractor Address: 55 longwood Drive Portland	Phone: (207) 332-4740
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Dwellings	

Proposed Use: Single Family / Adding 14' x 24' addition to 2 car garage.	Proposed Project Description: Adding 14' x 24' addition to 2 car garage.
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Dept: Zoning	Status: Approved with Conditions	Reviewer: Ann Machado	Approval Date: 12/15/2010
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) This property shall remain a single family dwelling. Any change of use shall require a separate permit application for review and approval.			
2) 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: Jonathan Rioux	Approval Date: 02/07/2011
Note:			Ok to Issue: <input checked="" type="checkbox"/>
1) Fastener schedule per IRC, 2009.			
2) The attic scuttle opening must be 22" x 30".			
3) Permit approved based on the plans submitted and reviewed w/owner/contractor, with additional information as agreed on and as noted on plans.			
4) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm HVAC systems, heating appliances, including pellet/wood stoves, commercial kitchen exhaust hood systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.			

Comments:
12/29/2010-jrioux: Left msg. with Owner, i.e. attic access and fire seperation info.
12/29/2010-jrioux: Fire Seperation, increased rafter span, and attic access info. Needed.
2/7/2011-jrioux: Received Versa-Lam specs, 2x* 16" O.C. Rafters (with tie downs/ clips) , fire separations are existing; proposed project is and addition of a third garage door bay from the house.



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.

021.13/10 0010-1512

Location/Address of Construction: 55 Longwood Drive		
Total Square Footage of Proposed Structure/Area 336 Sq ft	Square Footage of Lot 13,437 sq ft	Number of Stories 1
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 283 B 12	Applicant *must be owner, Lessee or Buyer* Name David W Smith Address 55 Longwood Drive City, State & Zip Portland, 04102	Telephone: 207-332-4740
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ 12,000 C of O Fee: \$ 0 Total Fee: \$ 12,000
<p>RECEIVED DEC 13 2010 Dept. of Building Inspections City of Portland, Maine</p>		
Current legal use (i.e. single family) <u>single family</u>	Number of Residential Units <u>1</u>	1400
If vacant, what was the previous use? _____		
Proposed Specific use: <u>Garage</u>		
Is property part of a subdivision? <u>No</u> If yes, please name _____		
Project description: <u>ADDING 14'X24' ADDITION TO 2 CAR GARAGE 336 sq ft</u>		
Contractor's name: <u>David Smith</u>		
Address: <u>55 Longwood Drive</u>		
City, State & Zip <u>Portland, Maine 04102</u>		Telephone: <u>332-4740</u>
Who should we contact when the permit is ready: <u>David Smith</u>		Telephone: <u>332-4740</u>
Mailing address: <u>55 Longwood Dr Portland, ME 04102</u>		

Please submit all of the information outlined on the applicable 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 or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division 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: David Smith Date: 11/1/2010

This is not a permit; you may not commence ANY work until the permit is issue

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 Inspection 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 with construction.**

 X **Footing/Building Location Inspection: Prior to pouring concrete or setting precast piers**

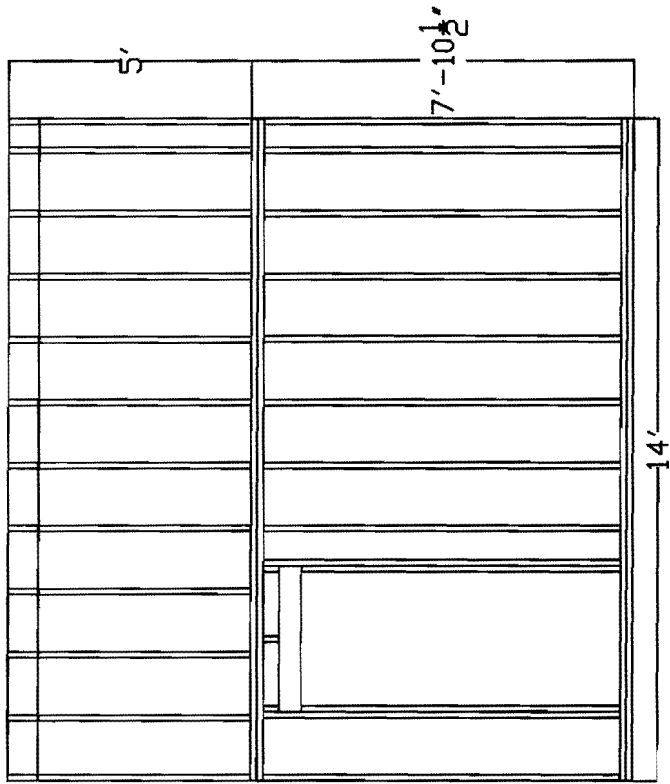
 X **Foundation Inspection: Prior to placing ANY backfill for below grade occupiable space**

 X **Framing/Rough Plumbing/Electrical: Prior to Any Insulating, drywalling or covering.**

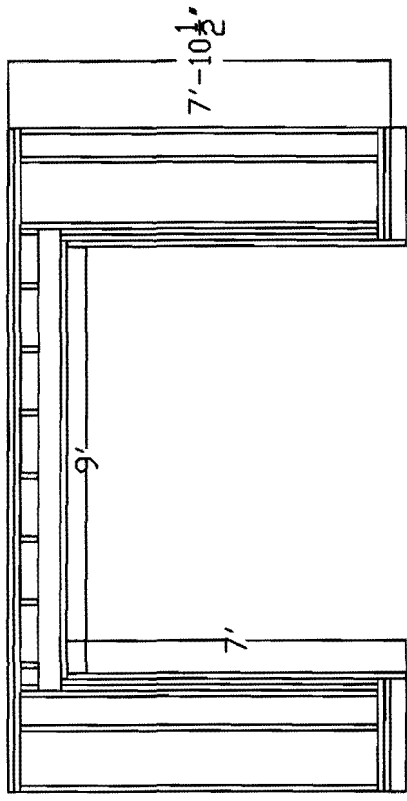
 X **Final inspection required at completion of work.**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OR 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.



Rear View
Scale 1/4"=1'



FrontView
Scale 1/4"=1'

THIS IS NOT A BOUNDARY SURVEY

MORTGAGE INSPECTION OF: DEED BOOK 8163 PAGE 191 COUNTY Cumberland
 PLAN BOOK 74 PAGE 24 LOT 206

ADDRESS: 55 Longwood Drive, Portland, Maine

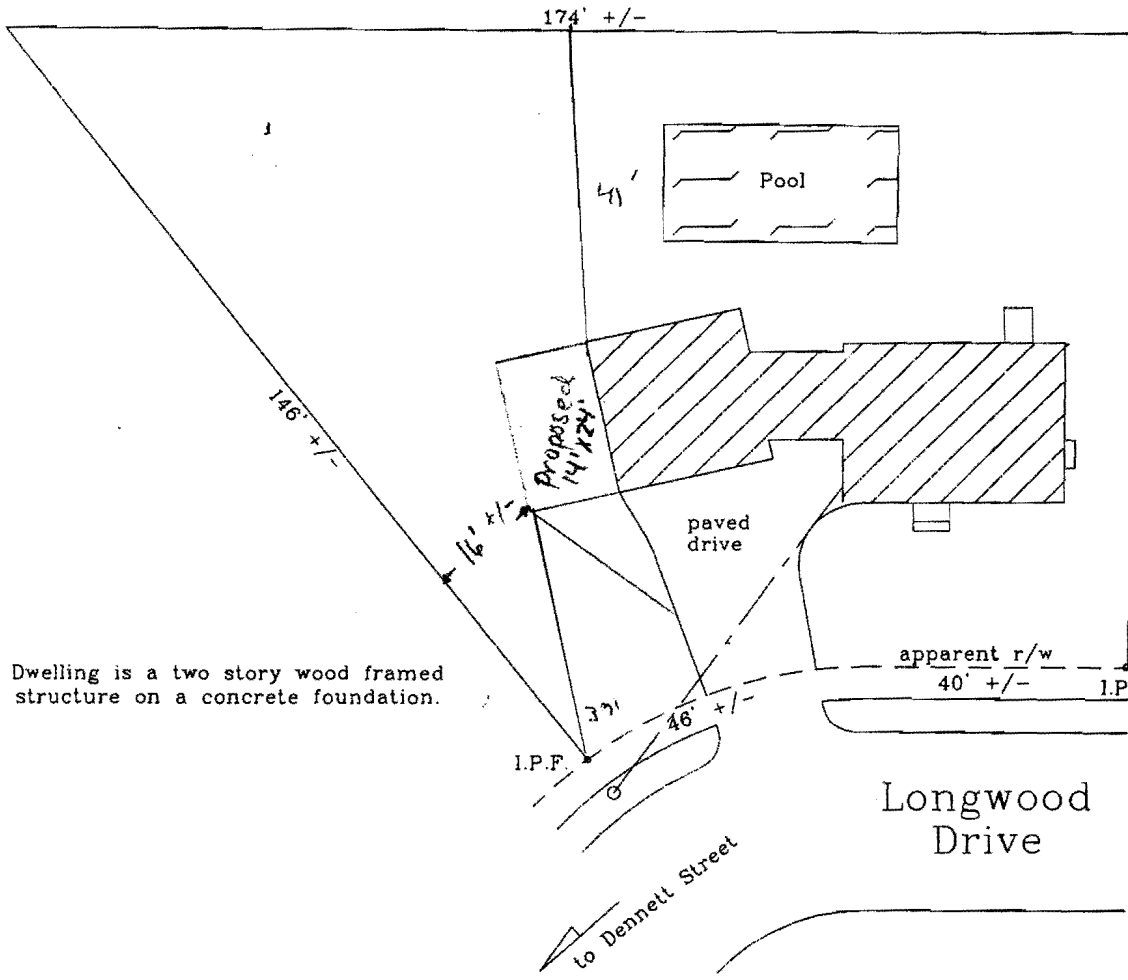
Job Number: 112-76

Buyers: David W. and Margaret B. Smith

Inspection Date: 9-1-95

Scale: 1" = 30'

Sellers: Stephen D. and Kathryn P. Lovejoy



Dwelling is a two story wood framed structure on a concrete foundation.

R-3
 lot size 13,437
 front - 25' min - 34' (circled)
 side - 15' by 8' - 16' (circled)
 rear - 25' min - 45' (circled)
 lot coverage - 35% = 4702 sq ft
 existing - 1672
 addition - 336
 2008 010

[Handwritten Signature]

I HEREBY CERTIFY TO: Hopkinson & Abbondanza, Key Bank of Maine.
 and its title insurer.

Monuments found did not conflict with the deed description.
 The building setbacks do not violate town zoning requirements.
 As delineated on the Federal Emergency Management Agency Community Panel # 230051-0006 :
 The structure does not fall within the special flood hazard zone.
 The land does not fall within the special flood hazard zone.

APPARENT EASEMENTS AND RIGHTS OF WAY ARE SHOWN. OTHER ENCUMBRANCES, RECORDED OR NOT, MAY EXIST. THIS SKETCH WILL NOT REVEAL ABUTTING DEED CONFLICTS, IF ANY.

Livingston - Hughes
 Professional Land Surveyors
 88 Guinea Road
 Kennebunkport - Maine 04046
 207-967-9761 phone/fax

THIS SKETCH IS FOR MORTGAGE PURPOSES ONLY

KEEP THIS PORTION

ACCOUNT NUMBER

347 - D-001-001

2011

36976

REAL ESTATE PROPERTY TAX STATEMENT PORTLAND, MAINE CBL

City of Portland

347 - D-001-001

Treasury

Acres:

Fiscal Year

0.402

July 1, 2010 - June 30, 2011

Owner of Record as of April 1, 2010

Assessed Property Description

FD & SONS PROPERTIES LLC

347-D-1-2-3 349-H-9-10

87 SKYLARK RD
PORTLAND ME 04103

SKYLARK RD 87

7493 SF

SEP 09 2010
PAID
 Cash Check Other

CURRENT BILLING DISTRIBUTION		CURRENT BILLING INFORMATION	
Education	\$2,419.55	Land Value	\$77,900.00
Public Safety	\$714.76	Building Value	\$191,600.00
Debt Service	\$637.49	Total Value	\$269,500.00
Public Services	\$410.50	Exemptions	\$0.00
General Government	\$106.25	Homestead	\$0.00
Recreation & Facil. Mgmt	\$130.39	Taxable Value	\$269,500.00
County Tax	\$154.54	Tax Rate	17.92
Library	\$120.74	TOTAL TAX	\$4,829.44
Metro	\$82.10	AMOUNT PAID	\$0.00
Health & Human Services	\$53.12		
Enterprise Funds	\$0.00		

Change of Ownership

Date of Sale: / /

Former Owner Name:

New Owner Name:

New Owner Address:

Remittance Instructions

To avoid standing in line, it is recommended that taxes be paid by mail. Please make check or money order payable to: **CITY OF PORTLAND.**

Use enclosed envelope to mail in your payment.

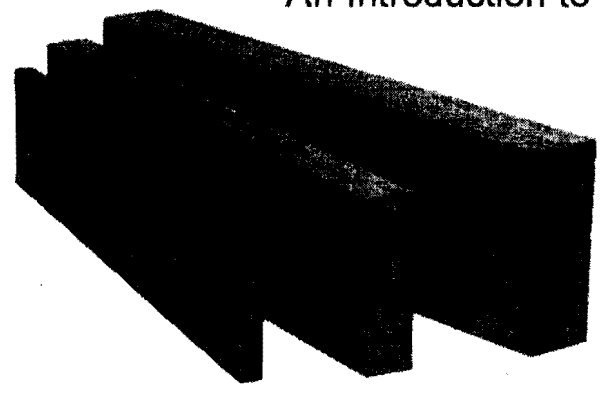
Use right top margin for change of address.

Remit To **CITY OF PORTLAND, MAINE
FINANCE DEPARTMENT
TREASURY AND COLLECTION DIVISION
P O BOX 544
PORTLAND, ME 04112-0544**

Please see the backside for important information.

An Introduction to VERSA-LAM® Products

FEB -7 2011



When you specify VERSA-LAM® laminated veneer headers/beams, you are building quality into your design. They are excellent as floor and roof joists, supports or as headers for doors, windows and garage doors and columns.

Because they have no camber, VERSA-LAM® LVL products provide flatter, quieter floors, and consequently, the builder can expect happier customers with significantly fewer call backs.

VERSA-LAM® Beam Architectural Specifications

Scope: This work includes the complete furnishing and installation of all VERSA-LAM® beams as shown on the drawings, herein specified and necessary to complete the work.

Materials: Southern Pine or Douglas fir veneers, laminated in a press with all grain parallel with the length of the member. Glues used in lamination are phenol formaldehyde and isocyanate exterior-type adhesives which comply with ASTM D2559.

Design: VERSA-LAM® beams shall be sized and detailed to fit the dimensions and loads indicated on the plans. All designs shall be in accordance with allowable values developed in accordance with ASTM D5456 and listed in the governing

code evaluation service's report and section properties based upon standard engineering principles. Verification of design of the VERSA-LAM® beams by complete calculations shall be available upon request.

Drawings: Additional drawings showing layout and detail necessary for determining fit and placement in the buildings are (are not) to be provided by the supplier.

Fabrication: VERSA-LAM® beams shall be manufactured in a plant evaluated for fabrication by the governing code evaluation service and under the supervision of a third-party inspection agency listed by the corresponding evaluation service.

Storage and Installation: VERSA-LAM® beams, if stored prior to erection, shall be stored on stickers spaced a maximum of 15 ft. apart. Beams shall be stored on a dry, level surface and protected from the weather. They shall be handled with care so they are not damaged.

VERSA-LAM® beams are to be installed in accordance with the plans and Boise EWP's Installation Guide. Temporary construction loads which cause stresses beyond design limits are not permitted. Erection bracing shall be provided to assure adequate lateral support for the individual beams and the entire system until the sheathing material has been applied.

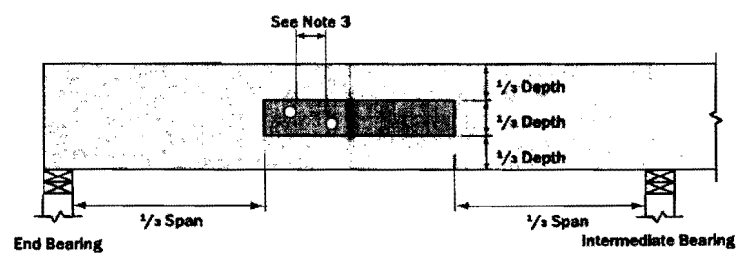
Codes: VERSA-LAM® beams shall be evaluated by a model code evaluation service.

Allowable Holes in VERSA-LAM® Beams

Notes

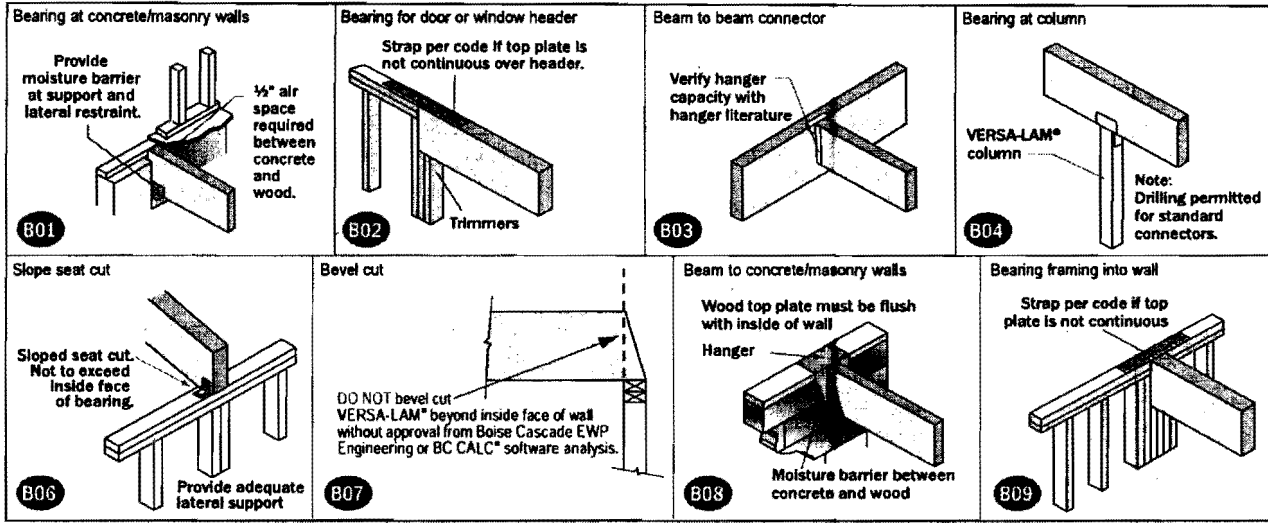
- 1. Square and rectangular holes are not permitted.
- 2. Round holes may be drilled or cut with a hole saw anywhere within the shaded area of the beam.
- 3. The horizontal distance between adjacent holes must be at least two times the size of the larger hole.
- 4. Do not drill more than three access holes in any four foot long section of beam.
- 5. The maximum round hole diameter permitted is:

Beam Depth	Max. Hole Diameter
5 1/2"	3/4"
7 1/4"	1"
9 1/4" and greater	2"



- 6. These limitations apply to holes drilled for plumbing or wiring access only. The size and location of holes drilled for fasteners are governed by the provisions of the *National Design Specification® for Wood Construction*.
- 7. Beams deflect under load. Size holes to provide clearance where required.
- 8. This hole chart is valid for beams supporting uniform load only. For beams supporting concentrated loads or for beams with larger holes, contact Boise EWP Engineering.

Boise Cascade EWP • Eastern Structural Office • FEB 2011



VERSA-LAM® Installation Notes

- Minimum of 1/2" air space between beam and wall pocket or adequate barrier must be provided between beam and concrete/masonry.
- Adequate bearing shall be provided. If not shown on plans, please refer to load tables in your region's Specifier Guide.
- VERSA-LAM® beams are intended for interior applications only and should be kept as dry as possible during construction.
- Continuous lateral support of top of beam shall be provided (side or top bearing framing).

Multiple Member Connectors

Side-Loaded Applications									
Number of Members	Maximum Uniform Side Load [plf]								
	Nailed			1/2" Dia. Through Bolt ⁽¹⁾			3/4" Dia. Through Bolt ⁽¹⁾		
	2 rows 16d Sinkers @ 12" o.c.	3 rows 16d Sinkers @ 12" o.c.	2 rows 24" o.c. 8" staggered	2 rows 12" o.c. 6" staggered	2 rows 12" o.c. 4" staggered	2 rows 24" o.c. 8" staggered	2 rows 12" o.c. 6" staggered	2 rows 12" o.c. 4" staggered	2 rows 6" o.c. 4" staggered
1 1/2" VERSA-LAM® (Depths of 18" and less)									
2	470	705	505	1010	2020	560	1120	2245	
3 ⁽²⁾	350	525	375	755	1515	420	840	1685	
4 ⁽²⁾	use bolt schedule		335	670	1345	370	745	1495	
3 1/2" VERSA-LAM®									
2 ⁽²⁾	use bolt schedule		855	1715	N/A	1125	2250	N/A	
1 1/2" VERSA-LAM® (Depths of 24")									
Number of Members	Nailed			1/2" Dia. Through Bolt ⁽¹⁾			3/4" Dia. Through Bolt ⁽¹⁾		
	3 rows 16d Sinkers @ 12" o.c.	4 rows 16d Sinkers @ 12" o.c.	3 rows 24" o.c. 8" staggered	3 rows 18" o.c. 6" staggered	3 rows 12" o.c. 4" staggered	3 rows 24" o.c. 8" staggered	3 rows 18" o.c. 6" staggered	3 rows 12" o.c. 4" staggered	3 rows 6" o.c. 4" staggered
	2	705	940	755	1010	1515	840	1120	1685
3 ⁽²⁾	525	705	565	755	1135	630	840	1260	
4 ⁽²⁾	use bolt schedule		505	670	1010	560	745	1120	

1. Design values apply to common bolts that conform to ANSI/ASME standard B18.21-1981 (ASTM A307 Grades A&B, SAE J429 Grades 1 or 2, or higher). A washer not less than a standard cut washer shall be between the wood and the bolt head and between the wood and the nut. The distance from the edge of the beam to the bolt holes must be at least 2" for 1/2" bolts and 2 1/2" for 3/4" bolts. Bolt holes shall be the same diameter as the bolt.

2. The nail schedules shown apply to both sides of a 3-member beam.

3. 7" wide beams must be top-loaded or loaded from both sides (lesser side shall be no less than 25% of opposite side).

Top-Loaded Applications			
For top-loaded beams and beams with side loads with less than those shown:			
Piles	Depth	Nailing	Maximum Uniform Load From One Side
(2) 1 1/2" piles	Depths 11 1/2" & less	2 rows 16d box/sinker nails @ 12" o.c.	400 plf
	Depths 14" - 18"	3 rows 16d box/sinker nails @ 12" o.c.	600 plf
	Depth = 24"	4 rows 16d box/sinker nails @ 12" o.c.	800 plf
(3) 1 3/4" piles ⁽²⁾	Depths 11 1/2" & less	2 rows 16d box/sinker nails @ 12" o.c.	300 plf
	Depths 14" - 18"	3 rows 16d box/sinker nails @ 12" o.c.	450 plf
	Depth = 24"	4 rows 16d box/sinker nails @ 12" o.c.	600 plf
(4) 1 1/2" piles	Depths 18" & less	2 rows 1/2" bolts @ 24" o.c., staggered	335 plf
	Depth = 24"	3 rows 1/2" bolts @ 24" o.c., staggered every 8"	505 plf
(2) 3 1/2" piles	Depths 18" & less	2 rows 1/2" bolts @ 24" o.c., staggered	855 plf
	Depth 20" - 24"	3 rows 1/2" bolts @ 24" o.c., staggered every 8"	1285 plf

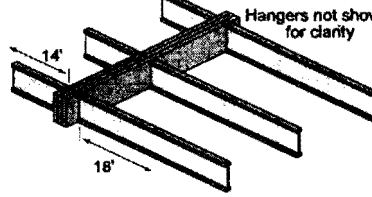
1. Beams wider than 7" must be designed by the engineer of record.
 2. All values in these tables may be increased by 15% for snow-load roofs and by 25% for non-snow load roofs where the building code allows.
 3. Use allowable load tables or BC CALC® software to size beams.
 4. An equivalent specific gravity of 0.5 may be used when designing specific connections with VERSA-LAM®.
 5. Connection values are based upon the 2005 NDS.
 6. FastenMaster TrusLock, Simpson Strong-Tie SDS, and USP WS screws may also be used to connect multiple member VERSA-LAM® beams, contact Boise EWP Engineering for further information.

Boise Cascade EWP • Engineering Department • Boise • Nov 2013

Designing Connections for Multiple VERSA-LAM® Members

When using multiple ply VERSA-LAM® beams to create a wider member, the connection of the plies is as critical as determining the beam size. When side loaded beams are not connected properly, the inside plies do not support their share of the load and thus the load-carrying capacity of the full member decreases significantly. The following is an example of how to size and connect a multiple-ply VERSA-LAM® floor beam.

Given: Beam shown below is supporting residential floor load (40 psf live load, 10 psf dead load) and is spanning 16'-0". Beam depth is limited to 14".



Find: A multiple 1 1/2" ply VERSA-LAM® that is adequate to support the design loads and the member's proper connection schedule.

- Calculate the tributary width that beam is supporting:
 $14' / 2 + 18' / 2 = 16'$
- Use PLF tables on pages 28-30 of ESG or BC CALC® to size beam.
 A Triple VERSA-LAM® 2.0 3100 1 1/2" x 14" is found to adequately support the design loads
- Calculate the maximum plf load from one side (the right side in this case).
 $Max. Side Load = (18' / 2) \times (40 + 10 psf) = 450 plf$
- Go to the Multiple Member Connection Table, Side-Loaded Applications, 1 1/2" VERSA-LAM®, 3 members.
- The proper connection schedule must have a capacity greater than the max. side load:
 Nailed: 3 rows 16d sinkers @ 12" o.c.:
 525 plf is greater than 450 plf OK
 Bolts: 1/2" diameter 2 rows @ 12" staggered:
 755 plf is greater than 450 plf OK

VERSA-LAM® 2.0 3100 (115% Load Duration)

KEY TO TABLE	Top Figure	- Allowable Total Load [plf]
	Middle Figure	- Allowable Live Load [plf]
	Bottom Figures	- Minimum Required Bearing Length at End / Intermediate Supports [inches]

Span [ft]	1½" VERSA-LAM® 2.0 3100				Double Ply 1½" VERSA-LAM® 2.0 3100 or 3½" VERSA-LAM 2.0 3100								Triple Ply 1½" VERSA-LAM® 2.0 3100 or 5½" VERSA-LAM 2.0 3100								Quadruple Ply 1½" VERSA-LAM® 2.0 3100 or 7" VERSA-LAM 2.0 3100							
	7½"	9½"	11½"	14"	7½"	9½"	11½"	14"	16"	18"	24"	9½"	11½"	14"	16"	18"	20"	24"	11½"	14"	16"	18"	20"	24"				
6	878	1223	1639	2065	1755	2446	3278	4130	5047	5226	3669	4917	6195	7570	7848	7845	7838	6556	8260	10094	10463	10459	10451					
8	598	858	1126	1389	1197	1717	2252	2779	3321	3915	3913	2575	3379	4168	4981	5872	5876	5870	4505	5558	6642	7829	7834	7826				
10	482	-	-	-	965	-	-	-	-	-	-	2676	3578	4371	5164	5872	5876	5870	3429	4184	4945	5759	6259	6251				
11	326	637	857	1046	651	1274	1714	2092	2472	2880	3126	1912	2571	3138	3709	4320	4695	4688	3429	4184	4945	5759	6259	6251				
12	247	556	-	-	494	1111	-	-	-	-	-	1667	-	-	-	-	-	-	-	-	-	-	-	-				
13	186	418	-	-	371	835	-	-	-	-	-	1253	-	-	-	-	-	-	-	-	-	-	-	-				
14	143	322	628	-	286	643	1256	-	-	-	-	965	1884	-	-	-	-	-	2512	-	-	-	-	-				
15	112	253	494	-	225	506	988	-	-	-	-	759	1482	-	-	-	-	-	1976	-	-	-	-	-				
16	94	215	423	586	188	429	846	1173	1505	1730	2076	644	1268	1759	2258	2595	2946	3113	1691	2346	3011	3459	3928	4151				
17	77	176	347	515	153	352	695	1029	1327	1601	1944	528	1042	1544	1990	2402	2723	2917	1389	2058	2653	3202	3630	3889				
18	63	146	289	455	127	292	577	910	1173	1468	1829	438	866	1365	1760	2201	2531	2743	1154	1820	2348	2935	3374	3657				
19	53	122	242	399	106	244	484	799	1045	1307	1726	367	726	1198	1567	1961	2364	2588	968	1598	2089	2614	3151	3451				
20	42	95	186	305	85	191	372	610	910	1296	-	286	558	915	1366	1944	-	-	744	1220	1821	2593	-	-				
21	31	70	139	222	62	139	271	445	684	945	-	208	407	667	996	1418	-	-	543	889	1327	1890	-	-				
22	24	55	105	171	49	105	201	334	499	710	-	157	306	501	748	1065	1461	-	408	668	997	1420	1948	-				
23	19	42	81	131	38	81	152	257	384	547	-	121	236	386	576	820	1125	-	314	515	768	1094	1500	-				
24	15	33	62	101	29	62	117	197	297	429	-	93	186	297	445	633	889	-	240	404	612	882	1219	1837				
25	12	26	50	81	22	50	89	149	224	334	-	70	140	230	345	517	709	1224	198	324	484	689	945	1633				
26	9	20	39	62	16	39	68	117	177	267	-	53	106	177	267	399	553	738	1196	161	263	393	560	768	1327			
27	7	15	29	48	12	29	51	89	132	197	-	40	80	132	197	280	399	553	738	1196	121	198	295	420	576	996		
28	6	13	25	41	10	25	43	75	111	166	-	31	62	106	166	240	334	466	645	885	1229	95	185	279	404	560	816	
29	5	11	21	35	8	21	35	62	91	132	-	24	48	81	122	177	240	334	466	645	885	1229	70	140	230	345	517	709
30	4	9	17	28	6	17	28	51	75	111	-	18	36	62	91	132	197	280	399	553	738	1196	53	106	177	267	399	553

- Total Load values are limited by shear, moment or deflection equal to L/180. Total Load values are the capacity of the beam in addition to its own weight.
- Live Load values are limited by deflection equal to L/240. Check the local building code for other deflection limits that may apply.
- Where a Live Load value is not shown, the Total Load value will control.
- Table values represent the most restrictive of simple or multiple span applications. Span is measured center to center of the supports. Analyze multiple span beams with the BC CALC® software if the length of any span is less than half the length of an adjacent span.
- Table values assume that lateral support is provided at each support and continuously along the top edge and applicable compression edges of the beam.
- Table values for Minimum Required Bearing Lengths are based on the allowable compression design value perpendicular to grain for the beam and the Total Load value shown. Other design considerations, such as a weaker support material, may warrant longer bearing lengths. Table values assume that support is provided across the full width of the beam.
- For 2-ply, 3-ply or 4-ply beams; double, triple or quadruple Allowable Total Load and Allowable Live Load values. Minimum Required Bearing Lengths remain the same for any number of plies.
- 1½ inch members deeper than 14 inches are to be used as multiple-member beams only.
- This table was designed to apply to a broad range of applications. It may be possible to exceed the limitations of this table by analyzing a specific application with the BC CALC® software.

From: "David Smith" <DWSMITH@williamarthur.com>
To: <buildinginspections@portlandmaine.gov>
Date: 2/3/2011 4:44 PM
Subject: FW: Smith- 55 Longwood Drive, Permit Information
Attachments: Versa-Lam Beam.pdf

Attention: John Rioux, City of Portland Inspections

RECEIVED

FEB - 8 2011

Dept. of Building Inspections
City of Portland Maine

From: David Smith
Sent: Thursday, February 03, 2011 4:17 PM
To: 'jrioux@portlandmaine.gov'
Subject: Smith- 55 Longwood Drive, Permit Information

Hi John,

Here is the information you requested.

The garage door opening is 9 feet the header will be comprised of 2 - 1 3/4" x 9 1/2" Versa Lam Beams sistered together in the opening. I have attached specifications on the Versa-Lam product.

Window and door headers will be comprised of two 2" x 8" - #2 spruce timbers with a filler of 1/2" plywood

Rafters will be 2" x 8" spaced 16" on center will be meet at a ridge pole and will be collar tied. Hurricane clips will be used for additional strength.

The addition roof and walls will be matched to the existing garage by removing trim and siding and sistering to existing studs and rafters.

Let me know if you need anything else. Thanks

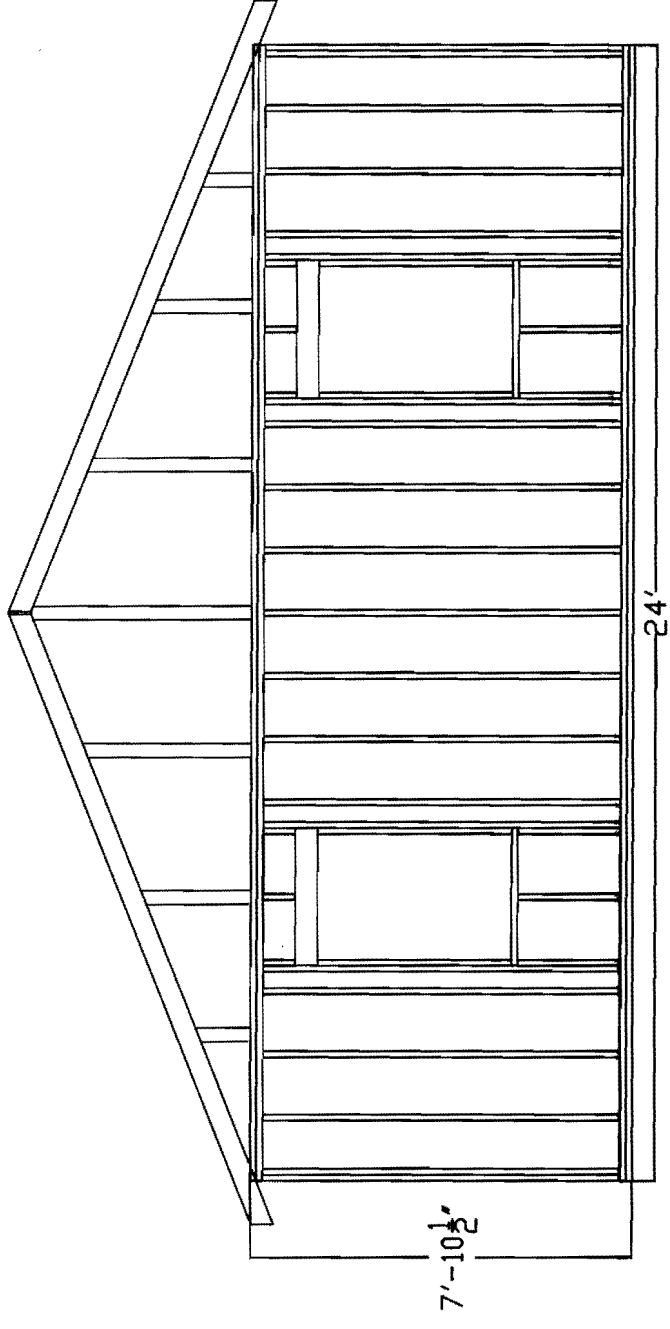
David Smith
55 Longwood Drive
Portland, Maine 04102

Phone

Home 207 774-5709

Cell 207 332-4740

Work 207 985-0478



Side View
Scale 1/4"=1'

Hammond Lumber Portland
 300 Riverside Street
 Portland, ME 04103
 PHONE #: (207)771-8880
 FAX #: (207)771-8882

ESTIMATE FOR:(1134695)
 DAVID SMITH
 55 LONGWOOD DRIVE
 PORTLAND, ME 04102
 PHONE #: (207)774-5709
 FAX #:
 HOME #:
 JOB #:
 CELL #: (207)332-4740

QUOTE NAME: smith 1424ad
 CONTACT : DAN FLATHER x4821 POR
 SETUP DATE: 10/16/10
 START DATE: 10/16/10
 RUN BY: dff 1 N
 10/16/10 REPRINT

 * Expiration Date: 10/23/10 *
 * This estimate may contain volatile *
 * commodity products such as steel, lumber, *
 * and other forest products whose prices must *
 * be updated on the above expiration date. *

Page: 1

ITEM	DESCRIPTION	WHERE USED	QTY U/M	PRICE U/M	EXTENDED
DOWSILL	FOAM SILL SEALER 5 1/2X50'		2 RL		
2414PT	PRESSURE TREATED #1 2X4-14'		2 EA		
2412PT	PRESSURE TREATED #1 2X4-12'		4 EA		
2414KS	2X4-14' K.D. SPRUCE		6 EA		
2412KS	2X4-12' K.D. SPRUCE		12 EA		
248KS	2X4-8' K.D. SPRUCE		90 EA		
2108KS	2X10-8' K.D. SPF/HF		3 EA		
34CDX	4X8 3/4" CDX FIR PLYWOOD		44 EA		
LVL91220	1 3/4"X 9 1/2"-20' LVL		1 EA		
2616KS	2X6-16' K.D. SPRUCE		30 EA		
2614KS	2X6-14' K.D. SPRUCE		24 EA		
2412KS	2X4-12' K.D. SPRUCE		6 EA		
FP	15# FELT PAPER 432 SQ/FT ROLL		3 RL		
1816P2	1X8X16 #2 PINE		1 EA		
1816PSP	1X8X16' PRM SEL PINE		8 EA		
	LATEX FINISH COAT				
1416PSP	1X4X16 PRM SEL PINE		8 EA		
	LATEX FINISH COAT				
8ADEW	8"X10' ALUM WHITE DRIP EDGE		14 EA		
	STD 50/BOX				
CTXTBLK	CT XT25-SK25 AR BLACK		30 BDL		
	25 YEAR 3 TAB SHINGLE 3 BDL/SQ				
CTSWIFTSTART	CT SWIFTSTART 116LF/BDL		1 BDL		
	STARTER SHINGLE 38 3/4"				

ITEM	DESCRIPTION	WHERE USED	QTY U/M	PRICE U/M	EXTENDED
				SALES TAX NOT INCL	
				NET	3531.94



CITY OF PORTLAND, MAINE
Department of Building Inspections

Original Receipt

Dec. 13 2010

Received from David W. Smith

Location of Work 55 Scarborough Dr.

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 140.00

Building (1L) Plumbing (15) _____ Electrical (12) _____ Site Plan (U2) _____

Other _____

CBL: 283 2012

Check #: 5186 Total Collected \$ 140.00

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

Taken by: [Signature]

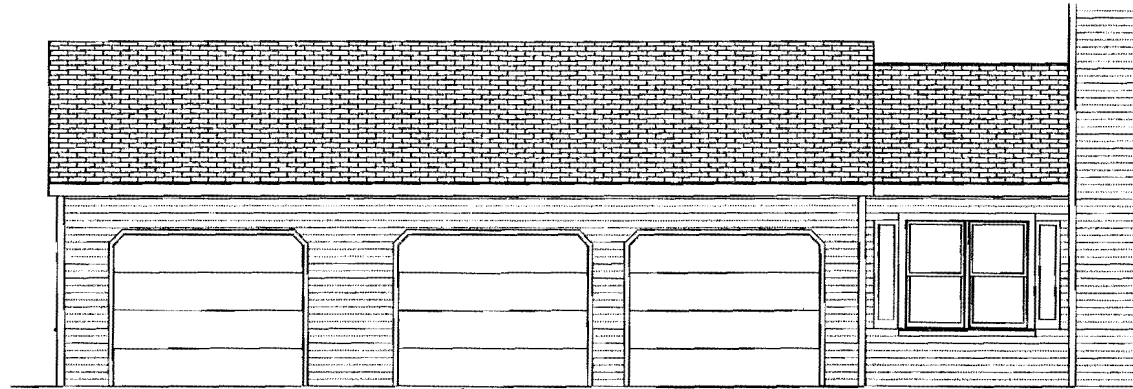
WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy

preliminary - not for construction

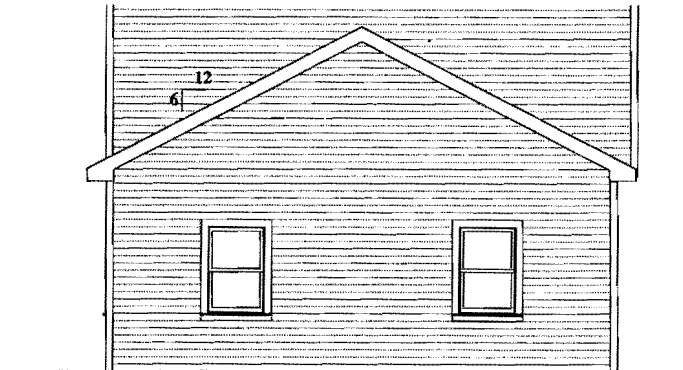
**Hammond
Lumber Company**

**HOME PLANNING
CENTER**
Drafting & Estimating

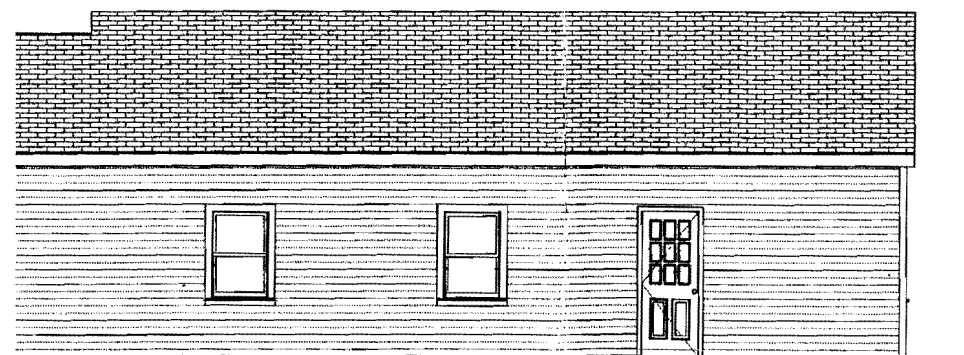
DISCLAIMER:
DRAWINGS ARE PROVIDED BY HAMMOND LUMBER COMPANY AS A SERVICE TO ITS CUSTOMERS AND ARE INTENDED FOR INFORMATIONAL AND ILLUSTRATIVE PURPOSES ONLY. THE INFORMATION PRESENTED IN THESE DRAWINGS IS NOT PREPARED OR REVIEWED BY A REGISTERED ARCHITECT AND SHOULD NOT BE USED AS A BASIS FOR CONSTRUCTION. HAMMOND LUMBER COMPANY SUGGESTS THAT ITS CUSTOMERS SEEK THE SERVICES OF A REGISTERED ARCHITECT TO OBTAIN TECHNICAL BLUEPRINTS IF THE CUSTOMER DESIRES TO PROCEED FURTHER. DRAWINGS ARE NOT TO BE USED AS A BASIS FOR CONSTRUCTION AND HAMMOND LUMBER COMPANY DISCLAIMS ANY RESPONSIBILITY IF THEY ARE SO USED.



FRONT ELEVATION



LEFT ELEVATION



REAR ELEVATION

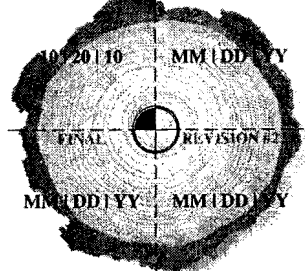
DAVID SMITH

GARAGE
ADDITION

0000SQ. FT.

DRAWING PROGRESS:

PRELIMINARY REVISION #1



APPROVED BY CUSTOMER:
SIGNATURE

PREPARED BY:

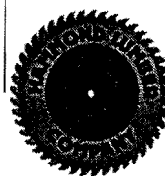
Kendra Zarella
Belgrade Designer/Drafting
3 Hammond Drive - P.O. Box 500
Belgrade, Maine 04917
Tel: (207) 890-5041 TOLL FREE (800-439-2264)
Fax: (207) 890-5117
Text: (207) 895-1291
Email: kzarella@hammond.com

SALESPERSON:

Daniel Flather
Portland Sales
300 Riverside Street
Portland, Maine 04103
Tel: (207) 884-8122 TOLL FREE (800-439-2264)
Fax: (207) 771-8882
Email: dflather@hammond.com

drawing number print date
AD10108 10/29/2010

store page scale
POR 2 of 2 1/4"



9 LOCATIONS
TO SERVE YOU
BETTER

AUBURN
282 POLAND RD. 04210
207-784-4009
TOLL FREE 800-439-2826

BANGOR
1087 HAMMOND ST.
207-945-9416
TOLL FREE 866-439-2264

BELGRADE
P.O. BOX 500 04917
207-495-3303
TOLL FREE 800-439-2354

BRUNSWICK
20 SPRING ST.
207-729-9924
TOLL FREE 800-339-9921

FAIRFIELD
5 SUMMIT ST. 04937
207-453-7322
TOLL FREE 888-439-3247

FARMINGTON
389 FARMINGTON FALLS RD
207-778-3518
TOLL FREE 800-439-3276

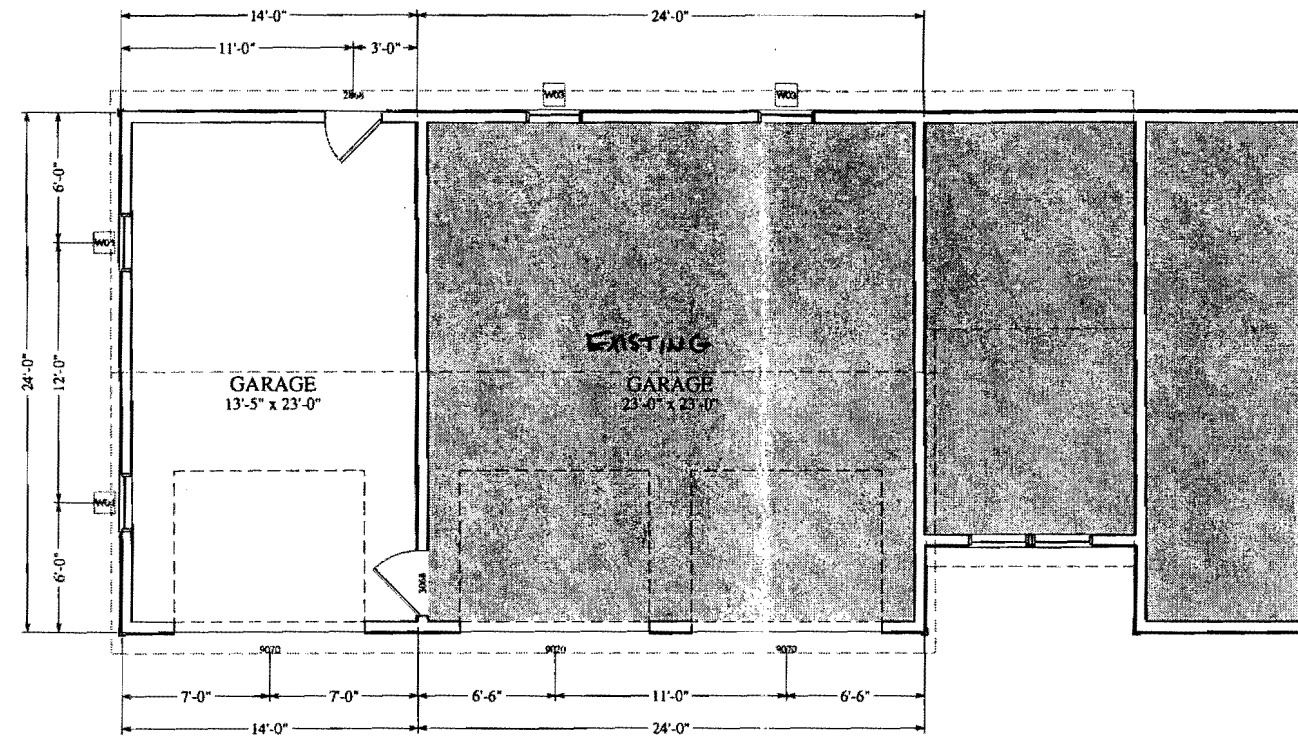
GREENVILLE
17 MINDEN ST. 04441
207-695-4583
TOLL FREE 800-439-4785

PORTLAND
300 RIVERSIDE ST. 04103
207-771-8880
TOLL FREE 888-439-7553

SKOWHEGAN
34 PENNELL ST. 04976
207-474-8122
TOLL FREE 800-439-7569

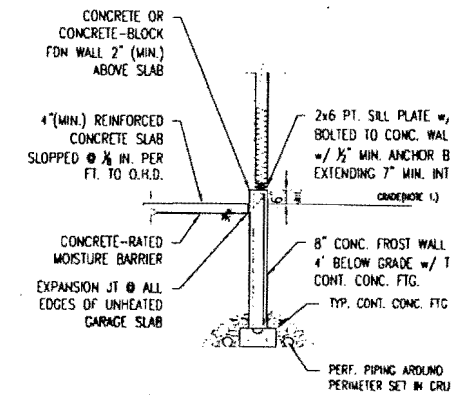
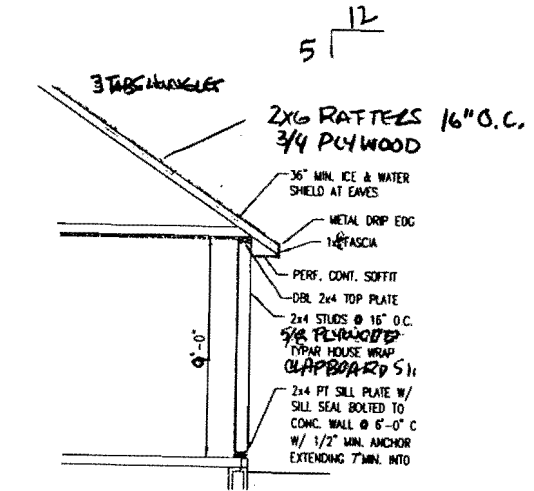
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MATCH EXISTING CONSTRUCTION



FIRST FLOOR

WINDOW SCHEDULE				
NUMBER	QTY	FLOOR	DESCRIPTION	CODE
W01	2	1	DOUBLE HUNG (PCL H3248)	

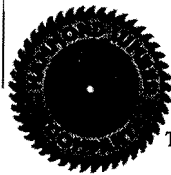


NOTE:

1. THE GROUND IMMEDIATELY ADJACENT TO THE FOUNDATION BE SLOPED AWAY FROM THE BUILDING AT A SLOPE OF 1/2" VERTICAL TO 12" HORIZONTAL FOR A MINIMUM DISTANCE OF THIS CONDITION SHALL EXIST AFTER SETTLEMENT OF BACKFILL OCCURRED.

2. WHEN CONNECTED TO A RESIDENTIAL USE, THE GARAGE FL SHALL BE AT LEAST 4" LOWER THAN THE ENTRANCE TO THE RESIDENCE. THE 4" SHALL BE POURED IN PLACE WITH CONCI

TYPICAL GARAGE SLAB / FDN WAL
1/4" = 1'-0"



9 LOCATIONS TO SERVE YOU BETTER

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282 POLAND RD. 04210
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