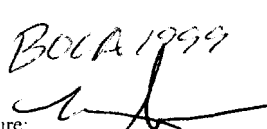


**City of Portland, Maine - Building or Use Permit Application**

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

Permit No: 04-0565	Issue Date: MAY 19 2004	CBL: 061 E008001
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<b>Location of Construction:</b> 387-389 Danforth St	<b>Owner Name:</b> Danforth Street Properties Llc	<b>Owner Address:</b> 322 Spring St	<b>Phone:</b> 207-773-9606
<b>Business Name:</b>	<b>Contractor Name:</b> Scott Forbes	<b>Contractor Address:</b> Portland	<b>Phone:</b> 12077723380
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Amendment to Duplex	<b>Zone:</b> R-4
<b>Past Use:</b> Duplex	<b>Proposed Use:</b> Duplex: Amendment to permit #04-0273: remodel kitchens, baths, add <del>shower</del> 3rd floor bath to each unit	<b>Permit Fee:</b>	<b>Cost of Work:</b> 20,000 \$0.00
<b>Proposed Project Description:</b> Amendment to permit #04-0273: remodel kitchens. baths, add <del>shower</del> 3rd floor bath to each unit		<b>FIRE DEPT:</b> <input type="checkbox"/> Approved <input checked="" type="checkbox"/> Denied N/A	<b>INSPECTION:</b> Use Group R 3 Type SB BOCA 1999 Signature: 
		<input type="checkbox"/>	Denied

<b>Permit Taken By:</b> kwd	<b>Date Applied For:</b> 05/04/2004	<b>Zoning Approval</b>
--------------------------------	--	------------------------

Special Zone or Reviews	Zoning Appeal	Historic Preservation
<input type="checkbox"/> Shoreland	<input type="checkbox"/> Variance	<input type="checkbox"/> Not in District or Landmark
<input type="checkbox"/> Wetland	<input type="checkbox"/> Miscellaneous	<input type="checkbox"/> Does Not Require Review
<input type="checkbox"/> Flood Zone	<input type="checkbox"/> Conditional Use	<input checked="" type="checkbox"/> Requires Review
<input type="checkbox"/> Subdivision	<input type="checkbox"/> Interpretation	<input type="checkbox"/> Approved
<input type="checkbox"/> Site Plan	<input type="checkbox"/> Approved	<input checked="" type="checkbox"/> Approved w/Conditions
Maj <input type="checkbox"/> Minor <input type="checkbox"/> MM <input type="checkbox"/>	<input type="checkbox"/> Denied	<input type="checkbox"/> Denied
Date: 5/17/04	Date:	Date: 5/11/05

*Approval is for kitchen  
work only; dry suits  
bay window not  
approved at this time*

**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> 04-0565	<b>Date Applied For:</b> 05/04/2004	<b>CBL:</b> 061 E008001
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<b>Location of Construction:</b> 387-389 Danforth St	<b>Owner Name:</b> Danforth Street Properties Llc	<b>Owner Address:</b> 322 Spring St	<b>Phone:</b> 207-773-9606
<b>Business Name:</b>	<b>Contractor Name:</b> Scott Forbes	<b>Contractor Address:</b> Portland	<b>Phone:</b> (207) 772-3380
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Amendment to Duplex	

<b>Proposed Use:</b> Duplex: Amendment to permit #04-0273: remodel kitchens, baths, add 3rd floor bath to each unit	<b>Proposed Project Description:</b> Amendment to permit #04-0273: remodel kitchens, baths, add 3rd floor bath to each unit
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<b>Dept:</b> Zoning	<b>Status:</b> Approved	<b>Reviewer:</b> Tammy Munson	<b>Approval Date:</b> 05/19/2004
<b>Note:</b> sent to Deb A on 5/12/2004			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>

<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Tammy Munson	<b>Approval Date:</b> 05/19/2004
<b>Note:</b>			<b>Ok to Issue:</b> <input type="checkbox"/>
1) This permit is for INTERIOR WORK ONLY. 2) As discussed during the review process, the separating wall between dwelling units must be a minimum of 45 STC and rated for hour. (please see attached copy)			

<b>Comments:</b> 5/10/2004-kwd: payments for stop work order, stop work order removal, and late fee applied to invoice under permit #04-0273.
--

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

# CITY OF PORTLAND

## BUILDING INSPECTION

# PERMIT

PERMIT ISSUED

Permit Number: 040565  
MAY 20 2004

CITY OF PORTLAND

Please Read Application And Notes, If Any, Attached

This is to certify that Danforth Street Properties LLC cott Forbes  
has permission to Amendment to permit #04-02 remodel kitchen baths, add light and 3rd floor bath to each unit  
AT 387-389 Danforth St 061 E008001


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 altered or closed-in. HEAVY 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

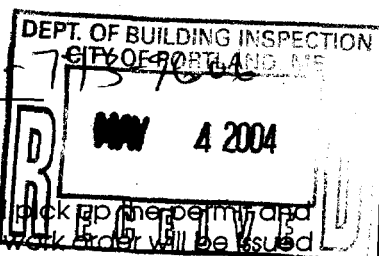
  
Building & Inspection Services

PENALTY FOR REMOVING THIS CARD

04-0565

# All Purpose 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>387-389 DANFORTH ST.</u>		
Total Square Footage of Proposed Structure	Square Footage of Lot <u>SEE ORIGINAL APPLICATION</u>	
Tax Assessor's Chart, Block & Lot Chart# <u>061</u> Block# <u>E</u> Lot# <u>008</u>	Owner: <u>DANFORTH ST. PROPERTIES, LLC</u>	Telephone: <u>773-9606</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>DANFORTH ST PROPERTIES, LLC</u>	Cost Of ADDITIONAL Work: <u>\$ 20,000</u> Fee: \$ Bldg Fee 201.00 Late Fee 100.00
Current use: <u>AMENDING PRIOR PERMIT - SUBMITTING NEW PLANS STOP WORK 100.00</u> <u>work release 100.00</u>		
If the location is currently vacant, what was prior use: <u>APARTMENTS (OWNED IN ONE SIZE)</u>		
Approximately how long has it been vacant: <u>2+ MONTHS</u>		
Proposed use: <u>2 FAMILY RESIDENCE</u>		Total <u>4501.00</u>
Project description: <u>AMENDMENT TO # 040273</u>		
Contractor's name, address & telephone:		
Who should we contact when the permit is ready: <u>JOSEPH TACKA</u>		
Mailing address: <u>322 SPRING ST</u> <u>PORTLAND, ME 04102</u>		

Questions -  
PLEASE CALL  
SCOTT FURBER  
772-3380

When the permit is ready. You must come in and pick up the permit and any work, with a Plan Reviewer. A stop work order will be issued if the permit is not picked up. PHONE: 773 9606

INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY FILED WITH THE PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL PERMIT.

I, the undersigned, being the owner of the property, or that the owner of record authorizes the proposed work and that I am applying as his/her authorized agent. I agree to conform to all applicable laws of this city. In this application is issued, I certify that the Code Official's authorized representative may at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Tacka Date: 5-4-04

If You are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

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

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

Permit No: 04-0273	<b>PERMIT ISSUED</b> Issue Date: MAY 20 2004	CBL: 061 E008001
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<b>Location of Construction:</b> 387 Danforth St	<b>Owner Name:</b> Joe Tacka	<b>Owner Address:</b> 322 Spring St.	<b>Phone:</b> 773-9606
<b>Business Name:</b>	<b>Contractor Name:</b> Danforth St. Properties	<b>Contractor Address:</b> 322 Spring St. Portland	<b>Phone:</b> 2077739606
<b>Lessee/Buyer's Name</b>			

<b>Past Use:</b> Residential -2 Family	<b>Proposed Use:</b> 2 Family - Remodel - Kitchens, bathrooms, add new skylights add new 3rd flr bath to each unit	<b>Permit Fee:</b> \$446.00	<b>Cost of Work:</b> \$25,000.00	<b>CEO District:</b> 2
<b>Proposed Project Description:</b> Remodel - Kitchens, bathrooms, add new skylights add new 3rd flr bath to each of two units		<b>FIRE DEPT:</b> <input type="checkbox"/> Approved <input type="checkbox"/> Denied	<b>INSPECTION:</b> Use Group: Type:	
		Signature:	Signature:	
<b>PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)</b>				
Action: <input type="checkbox"/> Approved <input type="checkbox"/> Approved w/Conditions <input type="checkbox"/> Denied				
		Signature:	Date:	

<b>Permit Taken By:</b> Idobson	<b>Date Applied For:</b> 03/22/2004	<b>Zoning Approval</b>		
<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"/> late:	<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 late:	<b>Historic Preservation</b> <input 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:

**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> 04-0565	<b>Date Applied For:</b> 05/04/2004	<b>CBL:</b> 061 E008001
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<b>Location of Construction:</b> 387-389 Danforth St	<b>Owner Name:</b> Danforth Street Properties Llc	<b>Owner Address:</b> 322 Spring St	<b>Phone:</b> 207-773-9606
<b>Business Name:</b>	<b>Contractor Name:</b> Scott Forbes	<b>Contractor Address:</b> Portland	<b>Phone:</b> (207) 772-3380
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Amendment to Duplex	

<b>Proposed Use:</b> Duplex: Amendment to permit #04-0273: remodel kitchens, baths, add 3rd floor bath to each unit	<b>Proposed Project Description:</b> Amendment to permit #04-0273: remodel kitchens, baths, add 3rd floor bath to each unit
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<b>Dept:</b> Historical	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Deborah Andrews	<b>Approval Date:</b> 05/12/2004
<b>Note:</b> . ) Interior work only approved.			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>

<b>Dept:</b> Zoning	<b>Status:</b> Approved	<b>Reviewer:</b> Tammy Munson	<b>Approval Date:</b> 05/19/2004
<b>Note:</b> sent to Deb A on 5/12/2004			<b>Ok to Issue:</b> <input checked="" type="checkbox"/>

<b>Dept:</b> Building	<b>Status:</b> Approved with Conditions	<b>Reviewer:</b> Tammy Munson	<b>Approval Date:</b> 05/19/2004
<b>Note:</b> ) As discussed during the review process, the separating wall between dwelling units must be a minimum of 45 STC and rated for hour. (please see attached copy) ) As discussed during the review process, all windows located within 36" horizontally and within 60" vertically of the standing surface of any tubs/showers/whirlpools must be tempered glass.			<b>Ok to Issue:</b> <input type="checkbox"/>

<b>Comments:</b> /10/04-kwd: payments for stop work order, stop work order removal, and late fee applied to invoice under permit #04-0273
--

WALLS AND INTERIOR PARTITIONS, WOOD FRAMED

G A FILE NO. WF 5010

GENERIC

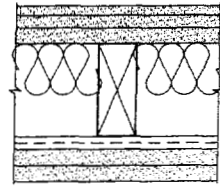
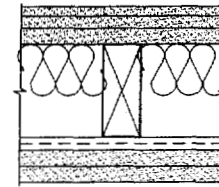
1 HOUR  
FIRE

60 TO 64 STC  
SOUND

**GYPSON WALLBOARD, RESILIENT CHANNELS,  
GLASS FIBER INSULATION, WOOD STUDS**

Resilient channels 24" o.c. attached at right angles to ONE SIDE of 2 x 4 wood studs 16" o.c. with 1" Type S drywall screws. **Base** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1" Type S drywall screws 12" o.c. **Face** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 3/4" daubs of adhesive 12" o.c. vertically and horizontally.

**OPPOSITE SIDE:** **Base** layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel to studs with 5d coated nails, 1 5/8" long, 0.086" shank, 15/64" heads, 32" o.c. **Second** layer 1/2" type X gypsum wallboard or gypsum veneer base applied parallel to studs with 8d coated nails, 2 3/8" long, 0.113 shank, 9/32" heads, 12" o.c. **Face** layer 3/8" regular gypsum wallboard applied parallel to studs with 3/4" daubs of adhesive 12" o.c. vertically and horizontally 2" glass fiber insulation, 0.90 pcf, stapled to three layer side in stud space.



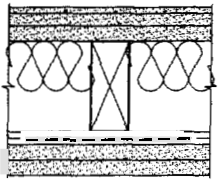
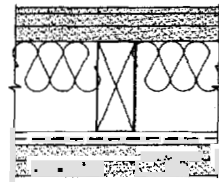
Thickness: 6 7/8"  
Approx. Weight: 12 psf  
Fire Test: UL R3660-2, 12-3-68,  
UL Design U313  
Sound Test: RAL TL69-117, 12-16-68

Joints staggered 16" each layer and side. (LOAD-BEARING)

**GYPSON WALLBOARD, RESILIENT CHANNELS,  
GLASS FIBER INSULATION, WOOD STUDS**

Resilient channels 24" o.c. attached at right angles to ONE SIDE of 2 x 4 wood studs 16" o.c. with 1" Type S drywall screws. **Base** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1" Type S drywall screws 12" o.c. **Face** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 3/4" daubs of adhesive 12" o.c. vertically and horizontally.

**OPPOSITE SIDE:** **Base** layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel to studs with 8d coated nails, 1 5/8" long, 0.086" shank, 15/64" heads, 32" o.c. **Second** layer 1/2" type X gypsum wallboard or gypsum veneer base applied parallel to studs with 8d coated nails, 2 3/8" long, 0.113" shank, 9/32" heads, 12" o.c. **Face** layer 1/4" regular gypsum wallboard applied parallel to studs with 3/4" daubs of adhesive 12" o.c. vertically and horizontally. 2" glass fiber insulation, 0.90 pcf, stapled to three layer side in stud space.



Thickness: 6 3/4"  
Approx. Weight: 12 psf  
Fire Test: UL R3660-2, 12-3-68,  
UL Design U313  
Sound Test: RAL TL69-286, 6-20-68  
(Rev. 9-4-68)

Joints staggered 16" each layer and side. (LOAD-BEARING)

G A FILE NO. WF 5011

GENERIC

1 HOUR  
FIRE

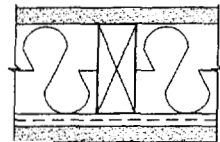
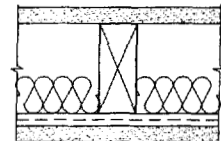
50 TO 54 STC  
SOUND

**GYPSON WALLBOARD, RESILIENT CHANNELS,  
GLASS FIBER INSULATION, WOOD STUDS**

Resilient channels 24" o.c. attached at right angles to ONE SIDE of 2 x 4 wood studs 16" o.c. with 6d coated nails, 1 7/8" long, 0.086" shank, 1/4" heads. 1/2" x 3" gypsum wallboard filler strips attached to plate at floor line with 6d nails. One layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel to channels with 1" Type S drywall screws 6" o.c. at horizontal joints and 12" o.c. at intermediate channels. 1 1/2" glass fiber insulation, 0.8 pcf, stapled to studs in stud space.

**OPPOSITE SIDE:** One layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to studs with 6d nails 8" o.c.

End joints staggered 48" on opposite sides. Sound tested with 3 1/2" glass fiber insulation in stud space. (LOAD-BEARING)



FIRE SIDE

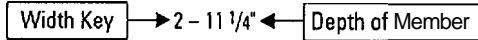
Thickness: 5 5/8"  
Approx. Weight: 7 psf  
Fire Test: OSU T-3127, 10-4-65  
Sound Test: RAL TL77-138, 5-5-77

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# General Notes for G-P Lam<sup>®</sup> LVL Charts and Tables

G-P Lam Laminated Veneer Lumber (LVL) is manufactured in two thicknesses; 1 3/4" and 3 1/2". Multiple pieces may be combined in order to achieve thicker beams. Refer to multiple piece member connections on page 49 for connection patterns and capacities.

Beam sizes in charts and tables use the following key.



For all depths, the following table may be used to achieve net thickness for multiple-ply G-P Lam LVL members.

## Width Code Chart

Width Code	Net Thickness	Number of plies' of 1 3/4"	Number of plies' of 3 1/2"	Combinations' 1 3/4" & 3 1/2"
1	1 3/4"	1	None	None
2	3 1/2"	2	1	None
3	5 1/4"	3	None	1 - 1 3/4" $\epsilon$ 1 - 3 1/2"
4	7"	4	2	1 - 1 3/4" $\epsilon$ 1 - 3 1/2" $\epsilon$ 1 - 1 3/4"

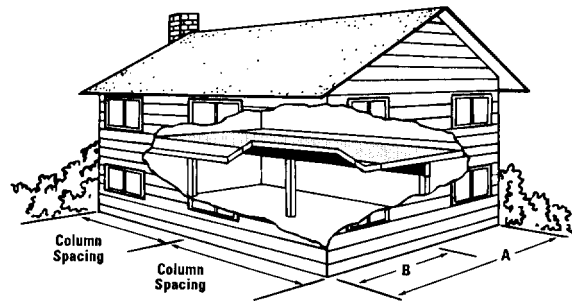
## G-P Lam<sup>®</sup> LVL Floor Beams

The table below shows the size of the beams needed to support various floor systems. The table is valid for loads of one floor only, i.e., a second story floor or one story floor over a basement (See drawing at right.)

When floor joists span continuously from wall to wall (not cut at beam) this table requires that "B" be not less than 45%, or greater than 55% of "A".

Example: If "A" = 32', "B" must be between 14.4' (32x.45) and 17.6' (32x.55)

For non-conforming situations, use FASTBeam<sup>®</sup> analysis & selection software or contact G-P Engineered Lumber Technical Services.



*Handwritten notes:*  
1 3/4" + 3 1/2" = 5 1/4" thick

Total Floor Joist Span "A"	Column Spacing (center-to-center)									
	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
24'	2-11 1/4" 3-9 1/2"	2-11 1/4" 3-9 1/2"	2-11 1/4" 3-11 1/2"	2-14" 3-11 1/2"	2-14" 3-11 1/2"	2-16" 3-14"	2-16"+ 3-14"	2-16"+ 3-14"	2-18"+ 3-16"	2-18"+ 3-16"
28'	2-11 1/4" 3-9 1/2"	2-11 1/4" 3-11 1/2"	2-14" 3-11 1/2"	2-14"+ 3-11 1/2"	2-14"+ 3-14"	2-16"+ 3-14"	2-16"+ 3-14"	2-18"+ 3-16"	2-18"+ 3-16"	2-18"+ 3-16"
32'	2-11 1/4" 3-9 1/2"	2-11 1/4" 3-11 1/2"	2-14"+ 3-11 1/2"	2-14"+ 3-11 1/2"	2-16"+ 3-14"	2-16"+ 3-14"	2-16"+ 3-14"	2-18"+ 3-16"	2-18"+ 3-16"	3-16"
36'	2-11 1/4"+ 3-11 1/2"	2-14"+ 3-11 1/2"	2-14"+ 3-11 1/2"	2-14"+ 3-14"	2-16"+ 3-14"	2-16"+ 3-14"	2-16"+ 3-16"	2-18"+ 3-16"	3-16"+	3-18"+
40'	2-11 1/4"+ 3-11 1/2"	2-14"+ 3-11 1/2"	2-14"+ 3-11 1/2"	2-16"+ 3-14"	2-16"+ 3-14"	2-16"+ 3-14"	3-16"+	3-16"+	3-16"+	3-18"+

**NOTES:**

- Table is based on continuous floor joist span and simple or continuous beam span conditions. If floor joists are not continuous above the beam, take the sum of the joist spans then multiply by .8. This is the total floor joist span to consider.
- Required end bearing length (based on 565 psi) is 3.0 unless the subscript  $\epsilon$  is shown. In that case, 4.5" is required.
- At intermediate supports of continuous spans, use the following guidelines or refer to page 40.
  - 7/8" bearing length for beams requiring 3" bearing at the beam ends
  - 10/8" bearing length for beams requiring 3" bearing at the beam ends
- Beams require full width bearing. Minimum cripple size for 5 1/4" wide beams is 2 x 6.
- Table is based on residential floor loading of 40 psf live load and 12 psf dead load.
- Live load reductions have been applied per IBC section 1607.9.1.
- Deflection is limited to L/360 at live load.
- For other loading conditions refer to page 42.

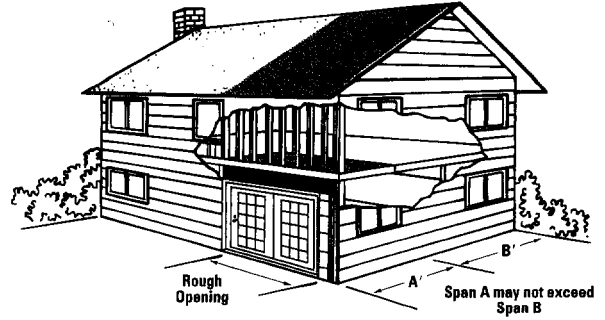


Engineered Lumber Residential Guide

# GP Lam® LVL Window and Patio Door Headers – 2-Story

## Two-Story Applications

This table considers the combined loads from a wall, second story floor (1/4 of total floor joist span) and various roof truss spans with a 2' soffit. An intermediate floor beam is assumed. If the soffit exceeds 2', additional engineering will be necessary.



Roof Loading	Rough Opening	Snow (115%)										Non-Snow (125%)														
		25 psf LL + 20 psf DL					40 psf LL + 20 psf DL					20 psf LL + 12 psf DL					20 psf LL + 25 psf DL									
		6'	8'	9'	10'	12'	6'	8'	9'	10'	12'	6'	8'	9'	10'	12'	6'	8'	9'	10'	12'					
Roof Truss Span with 2' Soffit Assumed	20'	1-9/16"	1-11/16" 2-9/16"	1-14" 2-11/16" 3-9/16"	2-11/16"	2-16" 3-14"	1-9/16"	2-9/16"	2-11/16" 3-9/16"	2-11/16" 3-11/16"	2-16" 3-14"	1-9/16"	1-11/16" 2-9/16"	1-14" 2-9/16" 3-9/16"	1-14" 2-11/16" 3-11/16"	2-14"	1-9/16"	1-11/16" 2-9/16"	1-14" 2-11/16" 3-9/16"	2-11/16"	2-14"	1-9/16"	1-11/16" 2-9/16"	1-14" 2-11/16" 3-9/16"	2-11/16"	2-14"
	24'	1-9/16"	1-11/16" 2-9/16"	2-11/16" 3-9/16"	2-11/16" 3-11/16"	2-16" 3-14"	1-9/16"	2-9/16"	2-11/16" 3-9/16"	2-14" 3-11/16"	2-16" 3-14"	1-9/16"	1-11/16" 2-9/16"	1-14" 2-9/16" 3-9/16"	2-11/16" 3-11/16"	2-14"	1-9/16"	1-11/16" 2-9/16"	1-14" 2-9/16" 3-9/16"	2-11/16" 3-11/16"	2-14"	1-9/16"	1-11/16" 2-9/16"	1-14" 2-9/16" 3-9/16"	2-11/16" 3-11/16"	2-16" 3-14"
	28'	1-9/16"	2-9/16"	2-11/16" 3-9/16"	2-14" 3-11/16"	2-16" 3-14"	2-9/16"	2-11/16" 3-9/16"	2-11/16" 3-11/16"	2-14" 3-11/16"	2-16" 3-16"	1-9/16"	1-11/16" 2-9/16"	2-11/16" 3-9/16"	2-13/16" 3-11/16"	2-16" 3-14"	1-9/16"	2-9/16"	2-11/16" 3-9/16"	2-13/16" 3-11/16"	2-14" 3-14"	1-9/16"	2-9/16"	2-11/16" 3-9/16"	2-13/16" 3-11/16"	2-16" 3-14"
	32'	1-9/16"	2-9/16" 3-9/16"	2-11/16" 3-11/16"	2-14" 3-11/16"	2-18" 3-14"	2-9/16"	2-11/16" 3-9/16"	2-14" 3-11/16"	2-14" 3-11/16"	2-18" 3-16"	1-9/16"	2-9/16"	2-11/16" 3-9/16"	2-11/16" 3-11/16"	2-16" 3-14"	1-9/16"	2-9/16"	2-11/16" 3-9/16"	2-11/16" 3-11/16"	2-16" 3-14"	1-9/16"	2-9/16"	2-11/16" 3-9/16"	2-11/16" 3-11/16"	2-18" 3-14"
	36'	2-9/16"	2-11/16" 3-9/16"	2-11/16" 3-11/16"	2-14" 3-11/16"	2-18" 3-16"	2-9/16"	2-11/16" 3-9/16"	2-14" 3-11/16"	2-14" 3-14"	3-16"	1-9/16"	2-9/16"	2-11/16" 3-9/16"	2-14" 3-11/16"	2-16" 3-14"	2-9/16"	2-11/16" 3-9/16"	2-11/16" 3-11/16"	2-14" 3-11/16"	2-18" 3-14"	2-9/16"	2-11/16" 3-9/16"	2-11/16" 3-11/16"	2-14" 3-11/16"	2-18" 3-16"

† See note 2.

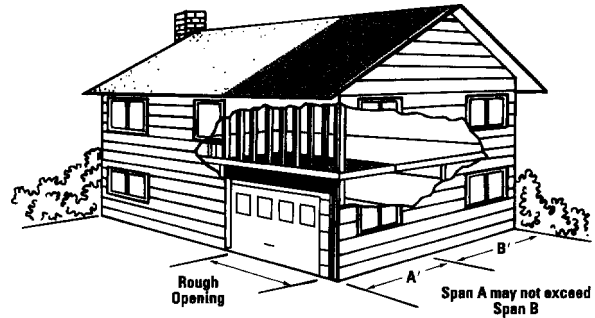
NOTES:

1. Required end bearing length (based on 565 psi) is 3.0' unless the subscript  $\epsilon$  is shown. In that case, 4.5' is required.
2. Headers require full width bearing. Minimum cripple size for 5 1/4" wide beams is 2 x 6.
3. Table is based on residential floor loading of 40 psf live load and 12 psf dead load and exterior wall weight of 100 plf.
4. A beam line down the center of the second floor is assumed.
5. Deflection is limited to L/360 and the lesser of L/240 or 5/16" at total load.
6. Roof live and dead loads shown are applied vertically to the horizontal projection.

# GI) Lam LVL Garage Door Headers – 2-Story

## Two-Story Applications

This table considers the combined loads from a wall, second story floor (1/4 of total floor joist span) and various roof truss spans with a 2' soffit. An intermediate floor beam is assumed. If the soffit exceeds 2', additional engineering will be necessary.



Roof Loading	Rough Opening	Snow (115%)									Non-Snow (125%)								
		25 psf LL + 20 psf DL			30 psf LL + 20 psf DL			40 psf LL + 20 psf DL			20 psf LL + 12 psf DL			20 psf LL + 20 psf DL			20 psf LL + 25 psf DL		
		9'3"	16'3"	18'3"	9'3"	16'3"	18'3"	9'3"	16'3"	18'3"	9'3"	16'3"	18'3"	9'3"	16'3"	18'3"	9'3"	16'3"	18'3"
Roof Truss Span with 2' Soffit Assumed	20'	1-11/16" 2-9/16"	2-16" 3-14"	2-16" 3-16"	2-9/16"	2-16" 3-14"	2-16" 3-16"	2-9/16"	2-16" 3-14"	2-16" 3-16"	1-11/16" 2-9/16"	2-16" 3-14"	2-16" 3-14"	1-11/16" 2-9/16"	2-16" 3-14"	2-16" 3-16"	1-11/16" 2-9/16"	2-16" 3-14"	2-16" 3-16"
	24'	2-9/16"	2-16" 3-14"	3-16"	2-9/16"	3-16" 3-16"	3-16"	2-11/16" 3-9/16"	3-16" 3-16"	3-16"	1-11/16" 2-9/16"	2-16" 3-14"	2-18" 3-16"	2-9/16"	2-16" 3-14"	3-16"	2-9/16"	2-16" 3-14"	3-16"
	28'	2-9/16"	2-16" 3-14"	3-16"	2-9/16"	3-16" 3-16"	3-16"	2-11/16" 3-9/16"	3-16" 3-16"	3-16"	1-11/16" 2-9/16"	2-16" 3-14"	2-18" 3-16"	2-9/16"	2-16" 3-14"	3-16"	2-9/16"	2-16" 3-14"	3-16"
	32'	2-11/16" 3-9/16"	3-16" 3-16"	3-18"	2-11/16" 3-9/16"	3-16" 3-16"	3-18"	2-11/16" 3-9/16"	3-16" 3-16"	3-16"	2-9/16"	3-14" 3-16"	3-16"	2-11/16" 3-9/16"	3-16" 3-16"	3-18"	2-11/16" 3-9/16"	3-16" 3-16"	3-18"
	36'	2-11/16" 3-9/16"	3-16" 3-16"	3-18"	2-11/16" 3-9/16"	3-16" 3-16"	3-18"	2-11/16" 3-9/16"	3-16" 3-16"	3-16"	2-9/16"	3-14" 3-16"	3-16"	2-11/16" 3-9/16"	3-16" 3-16"	3-18"	2-11/16" 3-9/16"	3-16" 3-16"	3-18"

† See note 2.

NOTES:

1. Required end bearing length (based on 565 psi) is 3.0' unless the subscript  $\epsilon$  is shown. In that case, 4.5' is required.
2. Headers require full width bearing. Minimum cripple size for 5 1/4" wide beams is 2 x 6.
3. Table is based on residential floor loading of 40 psf live load and 12 psf dead load and exterior wall weight of 100 plf.
4. A beam line down the center of the second floor is assumed.
5. Deflection is limited to L/360 at live load and L/240 at total load.
6. Roof live and dead loads shown are applied vertically to the horizontal projection.

## Remodeling work to be done at 387 - 389 Danforth St. Portland

Structure is existing 2-family house ( side by side 2 1/2 story townhouses), similar remodeling to be done on both sides.

-remodeling of existing kitchens - replacement of cabinets, lights, re-sheetrock walls and ceilings, replace flooring and new wiring and plumbing as necessary

- existing 2nd floor bath and 1st floor 1/2 bath (same on each side) replace existing fixtures, lights, flooring

-create new bath on 3rd floor (one on each side/unit)

-replace some existing sheetrock, repair walls and ceilings, paint, and refinish flooring throughout units

-install 4 new skylight windows (all on backside of house-not visible from front/street)

-389 side - replace existing 2 kitchen windows with new bay window approx. 9R wide x 5R tall

-387 side - enlarge existing doorway from dining room to kitchen from 32 inches wide to approx. 64 inches  
*9.5" LVL header*

-on both sides - create new wall in existing storeroom shed to divide shed in half to define laundry area and enlarge existing doorway from kitchen to storeroom  
*2x4 160C*

- in 3rd floor existing bedrooms (on both sides) remove existing plaster ceilings, and replace with new higher sheetrock ceiling

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\* - replace furnace (boiler) on 387 side - to be done by Jim's Plumbing and Heating (he'll have details with his permit

\* - reline chimney for above new boiler (work to be done by Chimney Sweeps of Finest Kind)

\* - reline fireplace (first floor) chimney flue on 389 side (to be done by Chimney Sweeps of the Finest Kind)

-plumbing, and electrical contractors will submit permits for their work

*LVL = 9.5" header*

\* - ADDED TO PREVIOUS LIST

OFFICE OF BUILDING INSPECTION  
CITY OF PORTLAND, OREGON

MAR 23 2004

RECEIVED

check



# All Purpose 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>387-389 DANFORTH ST.</u>				
Total Square Footage of Proposed Structure <u>NO NEW STRUCTURE</u>	Square Footage of Lot <u>.24 ACRES - 10,621 sq. ft.</u>			
Chart# <u>61</u>	Block# <u>2</u>	Lot# <u>8</u>	<u>DANFORTH STREET PROPERTIES, LLC</u>	<u>773-9606</u>
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: <u>322 SPAIN ST PORTLAND, ME 04102 773-9606</u>	Cost Of Work: \$ <u>25,000</u>	Fee: \$ <u>246.00</u>	
Current use: <u>RESIDENTIAL - 2 FAMILY</u>				
If the location is currently vacant, what was prior use: <u>RESIDENTIAL - 2 FAMILY</u>				
Approximately how long has it been vacant <u>3 WEEKS</u>				
Proposed use: <u>RESIDENTIAL - 2 FAMILY</u>				
Project description:				
Contractor's name, address & telephone: Who should we contact when the permit is ready: <u>DANFORTH STREET PROPERTIES, LLC</u> Mailing address: <u>ATTN. JOE TACKA 322 SPAIN ST. PORTLAND, ME 04102</u>				
We will contact you by phone when the permit is ready. You must come in and pick up the permit and review the requirements before starting any work, with a Plan Reviewer. A stop work order will be issued and a \$100.00 fee if any work starts before the permit is picked up. PHONE <u>773-9606</u>				

IF THE REQUIRED INFORMATION IS NOT INCLUDED IN THE SUBMISSIONS THE PERMIT WILL BE AUTOMATICALLY DENIED AT THE DISCRETION OF THE BUILDING/PLANNING DEPARTMENT, WE MAY REQUIRE ADDITIONAL INFORMATION IN ORDER TO APPROVE THIS PERMIT.

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: Joe Tacka Date: 3-18-04

This is NOT a permit, you may not commence ANY work until the permit is issued. If you are in a Historic District you may be subject to additional permitting and fees with the Planning Department on the 4th floor of City Hall

**SHORT FORM WARRANTY DEED**

**Albert Lawrence and Dorothy Lawrence (also known as Albert Lawrynowicz and Dorothy Lawrynowicz)** of **387 Danforth Street**, Portland, ME, **04102**, FOR CONSIDERATION PAID, grant to **Danforth Street Properties, LLC**, a Maine limited liability corporation, with a place of business at **322 Spring Street**, Portland, ME, 04102, with WARRANTY' COVENANTS, the following described real property located in the City of Portland, County of Cumberland and State of Maine:

**A** certain lot or **parcel of land**, with the buildings thereon, situated on the northerly side of Danforth Street, in the **City** of Portland, County of **Cumberland and State** of Maine, bounded and described as follows:

Beginning at a point on the northerly line of Danforth Street, a distance of ninety-five (95) feet from Vaughan Street; thence northerly **by and adjoining** land conveyed by John C. Campbell to Isabelle W. Charron **by deed** dated **April 4**, 1958 and recorded in the Cumberland County Registry of Deeds in **Book 2402**, Page **245**, a distance of **one** hundred five (105) feet; thence easterly parallel with **Danforth Street** a distance of **ninety-seven** and 5/10 (97.5) feet; thence southerly a distance of one hundred five (105) feet to Danforth Street; thence **westerly** by the line of Danforth Street a distance of one hundred four **and** 3/10 (104.8) feet to the point of beginning.

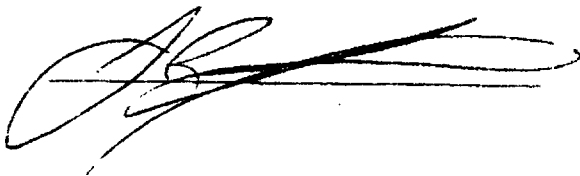
The premises **are** conveyed together **with** and subject to any and all easements or appurtenances of record, insofar as the same are in force **and applicable**.

This conveyance **is** made subject to unpaid **real estate** taxes for the current tax year, if **any**, which the Grantee herein, by acceptance of **this** deed, assumes **and** agrees to pay.

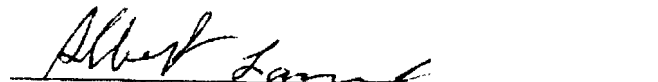
Meaning and intending to convey and hereby conveying the **same** premises conveyed to the Grantors herein **by** deed of **Elsa Z. West** dated March 9, 1963 and recorded in the Cumberland County Registry of Deeds in **Book 2736**, Page 307.

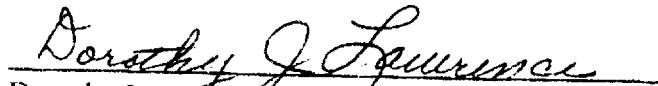
WITNESS our **hands** and seals this **1<sup>st</sup>** day of March, 2004.

WITNESS



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Albert Lawrence

  
Dorothy Lawrence

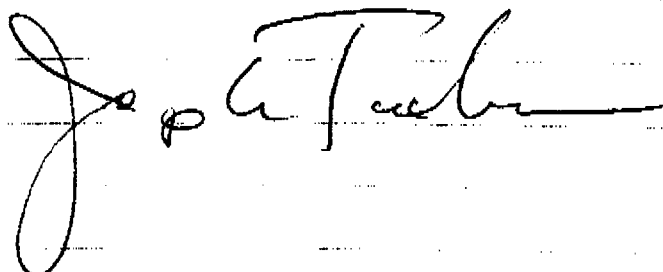
SPAN & LOAD SCHEDULE - 387-389 DANFORTH ST.

ALL SPANS AND LOADS TO BE BASED ON GEORGIA  
PACIFIC SPECIFICATIONS

LARGEST SPAN WILL BE 9 FEET - SPANNED WITH  
DBL (2) 12" LVL BEAMS

6 FOOT HEADER SPANS WILL BE SPANNED WITH  
DBL (2) 9 1/4" LVL BEAMS

(MATERIALS TO BE PURCHASED THROUGH LUCAS DESIGN)



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

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

<b>Permit No:</b> 04-0273	<b>Date Applied For:</b> 03/22/2004	<b>CBL:</b> 061 E008001
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<b>Location of Construction:</b> 387 Danforth St	<b>Owner Name:</b> Lawrence Albert &	<b>Owner Address:</b> 387 Danforth St	<b>Phone:</b>
<b>Business Name:</b>	<b>Contractor Name:</b> Danforth St. Properties	<b>Contractor Address:</b> 322 Spring St. Portland	<b>Phone</b> (207) 773-9606
<b>Lessee/Buyer's Name</b>	<b>Phone:</b>	<b>Permit Type:</b> Alterations - Duplex	

**Proposed Use:**  
2 Family - Remodel - Kitchens, bathrooms, add new skylights add new 3rd flr bath to each unit

**Proposed Project Description:**  
Remodel - Kitchens, bathrooms, add new skylights add new 3rd flr bath to each of two units

<input checked="" type="checkbox"/>
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<input checked="" type="checkbox"/>
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<input type="checkbox"/>
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**Comments:**  
3/22/2004-l Dobson: left message - need more information flr plan each flr, additional stairway info, more details for additional bathroom.

GA-BUILDING CODE

GENERIC

1 HOUR  
FIRE

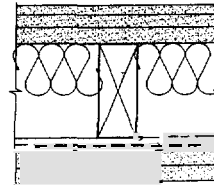
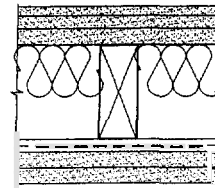
60 DB STC  
SOUND

**GYPSUM WALLBOARD, RESILIENT CHANNELS,  
GLASS FIBER INSULATION, WOOD STUDS**

Resilient channels 24" o.c. attached at right angles to ONE SIDE of 2 x 4 wood studs 16" o.c. with 1" Type S drywall screws. **Base** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1" Type S drywall screws 12" o.c. **Face** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles with 3/4" daubs of adhesive 12" o.c. vertically and horizontally

**OPPOSITE SIDE** Base layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel to studs with 5d coated nails, 1 5/8" long, 0.086" shank, 1 5/64" heads, 32" o.c. **Second** layer 1/2" type X gypsum wallboard or gypsum veneer base applied parallel to studs with 8d coated nails, 2 3/8" long, 0.113" shank, 9/32" heads, 12" o.c. **Face** layer 3/8" regular gypsum wallboard applied parallel to studs with 3/4" daubs of adhesive 12" o.c. vertically and horizontally. 2" glass fiber insulation, 0.90 pcf, stapled to three layer side in stud space.

Joints staggered 16" each layer and side. **(LOAD-BEARING)**



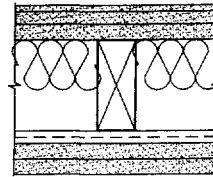
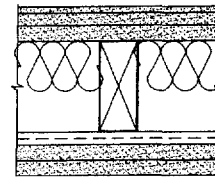
Thickness: 6 7/8"  
Approx. Weight: 12 psf  
Fire Test: UL R3660-2, 12-3-68,  
UL Design U313  
Sound Test: RAL TL69-117, 12-16-68

**GYPSUM WALLBOARD, RESILIENT CHANNELS,  
GLASS FIBER INSULATION, WOOD STUDS**

Resilient channels 24" o.c. attached at right angles to ONE SIDE of 2 x 4 wood studs 16" o.c. with 1" Type S drywall screws. **Base** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 1" Type S drywall screws 12" o.c. **Face** layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to channels with 3/4" daubs of adhesive 12" o.c. vertically and horizontally.

**OPPOSITE SIDE:** **Base** layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel to studs with 5d coated nails, 1 5/8" long, 0.086" shank, 1 5/64" heads, 32" o.c. **Second** layer 1/2" type X gypsum wallboard or gypsum veneer base applied parallel to studs with 8d coated nails, 2 3/8" long, 0.113" shank, 9/32" heads, 12" o.c. **Face** layer 1/4" regular gypsum wallboard applied parallel to studs with 3/4" daubs of adhesive 12" o.c. vertically and horizontally. 2" glass fiber insulation, 0.90 pcf, stapled to three layer side in stud space

Joints staggered 16" each layer and side. **(LOAD-BEARING)**



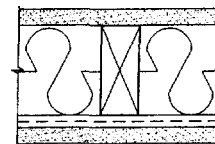
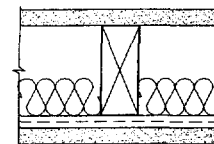
Thickness: 6 3/4"  
Approx. Weight: 2 psf  
Fire Test: UL R3660-2, 12-3-68,  
UL Design U313  
Sound Test: RAL TL69-286, 6-20-68  
(Rev 9-4-68)

**GYPSUM WALLBOARD, RESILIENT CHANNELS,  
GLASS FIBER INSULATION, WOOD STUDS**

Resilient channels 24" o.c. attached at right angles to ONE SIDE of 2 x 4 wood studs 16" o.c. with 6d coated nails, 1 7/8" long, 0.086" shank, 1/4" heads. 1/2" x 3" gypsum wallboard filler strips attached to plate at floor line with 6d nails. One layer 5/8" type X gypsum wallboard or gypsum veneer base applied parallel to channels with 1" Type S drywall screws 6" o.c. at horizontal joints and 12" o.c. at intermediate channels. 1 1/2" glass fiber insulation, 0.8 pcf, stapled to studs in stud space.

**OPPOSITE SIDE:** One layer 5/8" type X gypsum wallboard or gypsum veneer base applied at right angles to studs with 6d nails 8" o.c.

End joints staggered 48" on opposite sides. Sound tested with 3 1/2" glass fiber insulation in stud space. **(LOAD-BEARING)**



FIRE SIDE

Thickness: 5 5/8"  
Approx. Weight: 7 psf  
Fire Test: OSU T-3127, 10-4-65  
Sound Test: RAL TL77-138, 5-5-77