Form # P 04

## DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

| Ci   | TY OF PORTLA  | ND  |
|--|---|---|
| Please Read Application And Notes, If Any, Attached  | PERMIT  | Permit Number 1940783   |
| This is to certify that Danforth Street Property   |   | JUL 2 3 2004  |
| has permission to amendment to existing amendment to existing amendment to existing amendment to exist and amendme |   | OGI E008001 CTY OF FORTLAND   |
| provided that the person or person of the provisions of the Statutes the construction, maintenance at this department.   | of Name and of the same ances   | ng this permit shall comply with al<br>s of the City of Portland regulating<br>res, and of the application on file ir |
| Apply to Public Works for street line and grade if nature of work requires such information.   | N ication inspect must git and wron permis in procuble this to ting or to thereo land or or consed-in.  H 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.  | POWIT ISSUED!   | 1/refor   |
| Health Dept  |   | / /   |
| Appeal Board   |   |   |
| Other Department Name  | GTY OF PORTLAND   | Director Building & Inspection Services   |
| P  | <b>ENALTY FOR REMOVING THIS C</b>   | ARD   |

| City of Portland, N<br>389 Congress Street,               |                | U                 |                                |   | <b>'11</b> | rmit No:<br>04-0783 | Issue Date            | •                       | CBL:<br>061 E  | 008001        |  |  |
|---|----------------|-------------------|--------------------------------|---|------------|---------------------|-----------------------|-------------------------|--|---------------|--|--|
| ocation of Construction:                                  | 04101 161. (   | 207) 874-870.<br> | 3, F ax.                       | (207) 874-87  |            | er Address:         | - Jul .               | <u></u>                 | Phone:   |               |  |  |
| 387-389 Danforth St                                       |                | Danforth Stre     | et Prone                       | erties Llc  | 1          | Spring St           |                       |                         | 7773-960   | 6             |  |  |
| Jusiness Name:  |                | Iontractor Name   |                                | THE EIC   |            | ractor Address:     |                       | 31,00                   | Phone  | 0             |  |  |
| 74511455 1 (42115)  |                | Joe Tacka         |                                | 3613  |            | Spring Street       | 17<br>12              | ³ <sub>L</sub>          | 2077739  | 0606          |  |  |
| .essee/Buyer's Name                                       |                | Thome:            |                                | 1   |            | it Type:            |                       |                         |  | Zone:         |  |  |
|   |                |                   |                                |   | Am         | endment to M        | Iultifamily           |                         |  | R-            |  |  |
| 'ast Use:   |                | 'roposedUse:      |                                |   | Perm       | nit Fee:            | Cost of Wor           | k: C                    | EO District:   |               |  |  |
| 2 family dwelling Cons                                    |                | 2 family with     | 10'x 13'                       | sunroom   |            | \$138.00            | \$13,00               |                         | 2  |               |  |  |
| wd  | len dot-out    | Ħ                 |                                |   | FIRE       | E DEPT:             | Approved              | INSPECT                 | 1  | Type: 5 2     |  |  |
|   |                |                   |                                |   |            |                     | Denied                | Use Grou                | p: /C  | Type: 7 C     |  |  |
|   |                |                   |                                |   |            |                     |                       | BI                      | VA 19  | 47            |  |  |
| 'roposedProject Description                               | on:            | !                 |                                |   | 1          |                     |                       |                         | -1   | 1             |  |  |
| imendment to existing                                     | permit-add 10  | 'x 13' sunroom    |                                |   | Signa      | ture:               | (wyy)                 | Signature:              | 6-   | AL.           |  |  |
|   |                |                   |                                |   | PEDI       | ESTRIANACTI         | VITIES ØIST           | RICT (P.A               | $(\mathbf{L},\mathbf{D},\mathbf{D},\mathbf{D},\mathbf{D},\mathbf{D},\mathbf{D},\mathbf{D},D$ | ,             |  |  |
|   |                |                   |                                |   | Actio      | on: Approv          | ved App               | oroved w/Co             | onditions 🗀  | Denicti       |  |  |
|   |                |                   |                                |   | Signa      | iture:              |                       | D                       | Date:  |               |  |  |
| ermit Taken By:   | _              | plied For:        |                                | Zoning Approval   |            |                     |                       |                         |  |               |  |  |
| jodinea   | 06/10          | /2004             |                                |   |            |                     | Historic Preservation |                         |  |               |  |  |
| 1. This permit applica                                    |                |                   | 1                              | cial Zone or Revi   |            |                     | ng Appeal             |                         | I  |               |  |  |
| Applicant(s) from Federal Rules.                          | meeting applic | able State and    | Sh                             | Wetland Set DACK Wiscellaneous  Flood Zone  Conditional Use |            |                     |                       |                         | Not in District or Landma  |               |  |  |
|   |                | 1 1.              | Wetland Set DACK Miscellaneous |   |            |                     | _                     | Does Not Require Review |  |               |  |  |
| <ol><li>Building permits d septic or electrical</li></ol> |                | dumbing,          | " "                            | Our See   | 14-4       | Wilscena            | incous                |                         | ] Does Not Re  | equire Review |  |  |
| 3. Building permits as                                    |                | is not started    |                                | ood Zone  |            | Condition           | nal Use               |                         | Requires Re  | view          |  |  |
| within six (6) mont                                       | hs of the date | of issuance.      |                                |   |            | _                   |                       |                         | - •  |               |  |  |
| False information r                                       |                | a building        | Su                             | bdivision   |            | Interpret           | ation                 |                         | Approved   |               |  |  |
| permit and stop all                                       | work           |                   |                                |   |            | l _                 |                       |                         |  |               |  |  |
|   |                |                   | Sit                            | te Plan   |            | Approve             | d                     | \( \sigma               | Approved w   |               |  |  |
|   |                |                   | Mai [                          | ¬ M:  |            | D. Di. d            |                       |                         | see w  | ~             |  |  |
|   |                |                   | Maj                            | Minor MM  |            | Denied              |                       |                         | Denied   |               |  |  |
|   |                |                   | Date:                          | -7/2/01   | -          | late:               |                       | Date                    | Da   | Ir. B         |  |  |
|   |                |                   | Jaic.                          | 111904  |            | Tate.               |                       | Jace                    | · · · · ·  | vac.          |  |  |
|   |                |                   |                                |   |            |                     |                       |                         | Q/l7   | 104           |  |  |
|   |                |                   |                                |   |            |                     |                       |                         | l  | 1             |  |  |
|   |                |                   |                                |   |            |                     |                       |                         |  |               |  |  |
|   |                |                   |                                |   |            |                     |                       |                         |  |               |  |  |
|   |                |                   |                                | ERTIFICATI  |            |                     |                       |                         |  |               |  |  |
| hereby certify that I am have been authorized b           |                |                   |                                |   |            |                     |                       |                         |  |               |  |  |
| arisdiction. In addition,                                 |                |                   |                                |   |            |                     |                       |                         |  |               |  |  |
| hall have the authority t                                 |                |                   |                                |   |            |                     |                       |                         |  |               |  |  |
| uch permit.   |                |                   |                                |   |            |                     |                       |                         |  |               |  |  |
|   |                |                   |                                |   |            |                     |                       |                         |  |               |  |  |
| SIGNATURE OF APPLICAN                                     | TI             |                   |                                | ADDRES  | <br>S      |                     | DATE                  |                         | PHC  | ONE           |  |  |

| City of Portland, Mai                              | ne - Building or Use Permit   | Permit No:   | Date Applied For: CBL:                                |
|--|---|--|---|
| 389 Congress Street, 041                           | 01 Tel: (207) 874-8703, <b>Fax:</b> (207)   | 207) 874-8716 04-0783  | 06/10/2004 061 E008001                                |
| ocation of Construction:                           | Owner Name:   | Owner Address:   | Phone:  |
| 387-389 Danforth St                                | Danforth Street Proper  | ties Llc 322 Spring St   | ( ) 773-9606  |
| business Name:                                     | Contractor Name:  | Contractor Address:  | Phone   |
|  | Joe Tacka   | 322 Spring Street F  | Portland (207) 773-9606                               |
| .essee/Buyer's Name                                | Phone:  | Permit Type:   |   |
|  |   | Amendment to Mu  | ıltifamily  |
| 2 family with 10'x13' sunro                        | oom   | amendment to existing per  | mit-add 10'x13' sunroom                               |
| Dept: Historical Note:                             | Status: Approved with Conditions  | s <b>Reviewer:</b> Deborah Andrews   | S Approval Date: 06/07/200<br>Ok to Issue:            |
| <ol><li>Skylights shall be re</li></ol>            | d height of skylights shall project n<br>pronze   | on ridge line of hip; should be sepa                                       |   |
| <b>Note:</b> 7/1/04 rear setback 7/12/04 Deb A. Ga | <b>Status:</b> Approved with Conditions a not being met - 23'8" instead of the ave me an e-mail - the project can meed under #03-0859 | <u>-</u>   | Ok to Issue:  |
| 1) ANY exterior work req                           | uires a separate review and approve   | al thru Historic Preservation  |   |
|  |   | You SHALL NOT add any addition ors, or kitchen sinks, etc. Without spaces. | al kitchen equipment including, but pecial approvals. |
| 3) This property shall rem for review and approva  |   | ominiums. Any change of use shall  | require a separate permit application                 |
| 4) This permit is being ap work.                   | proved on the basis of plans submit   | ted. Any deviations shall require a  | separate approval before starting that                |
| Dept: Building                                     | Status: Approved with Conditions  | Reviewer: Tammy Munson   | Approval Date: 07/21/20                               |
| Note:  |   |  | Okto Issue:   |
| 1) <b>As</b> discussed, there wil                  | be a minimum of 1 square feet of  | ventilation under the room.  |   |
|  | e review, the carrying beams must b   |  |   |
| Dept: Fire Note:                                   | Status: Approved  | Reviewer: Lt. MacDougal  | Approval Date: 07/12/200 Ok to Issue:                 |

| •  | e - Building or Use Permi<br>Tel: (207) 874-8703, Fax: (                           |                   | Permit No: 04-0783                              | Date Applied For:<br>06/10/2004 | CBL: 061 E008001                            |  |  |
|--|--|-------------------|---|---------------------------------|---|--|--|
| Location of Construction:                              | Owner Name:  |                   | Owner Address:                                  |                                 | Phone:                                      |  |  |
| 387-389 Danforth St                                    | Danforth Street Prope  | erties Llc        | 322 Spring St                                   |                                 | ( ) 773-9606                                |  |  |
| Business Name:   | Contractor Name:   |                   | Contractor Address:                             |                                 | Phone                                       |  |  |
|  | Joe Tacka  |                   | 322 Spring Street                               | Portland                        | (207) 773-9606                              |  |  |
| Lessee/Buyer's Name                                    | Phone:   |                   | Permit Type:                                    |                                 |   |  |  |
|  |  |                   | Amendment to M                                  | ultifamily                      |   |  |  |
|  |  | _                 | sed Project Description:  adment to existing pe |                                 |   |  |  |
| Dept: Historical St<br>Note:                           | atus: Approved with Condition  | ns <b>Reviewe</b> | r: Deborah Andrew                               | s <b>Approval I</b>             | <b>Date:</b> 06/07/2004 <b>OktoIssue: ▼</b> |  |  |
| 2) Skylights shall be red                              |  | ch on ridge line  | of hip; should be se                            | parated from ridge              | by at least 6                               |  |  |
| Dept: Zoning St  | atus: Pending  | Reviewer          | r: Marge Schmucka                               | d Approval D                    | Date: 07/12/2004                            |  |  |
|  | oot being met - 23'8" instead of te me an e-mail - the project can lunder #03-0859 |                   |   | oric criteria -                 | OktoIssue:                                  |  |  |
| 1) ANY exterior work requi                             | res a separate review and appro  | val thru Histor   | ic Preservation                                 |                                 |   |  |  |
|  | for <b>an</b> additional dwelling unit. as stoves, microwaves, refrigera           |                   |   |                                 | nent including, but                         |  |  |
| 3) This property shall remai application for review an | n a two (2) family dwelling con<br>d approval.                                     | ndominiums. A     | ny change of use sha                            | ll require a separate           | e permit                                    |  |  |
| 45   |  |                   |   |                                 | -   |  |  |
| 4) This permit is being apprehance that work.          | oved on the basis of plans subm  | nitted. Any dev   | viations shall require                          | a separate approva              | l before starting                           |  |  |

| City of Portland, M   | Iaine - Building or Use P   | Permit                    | Permit No:                     | Date Applied For:    | CBL:         |  |  |  |  |
|---|---|---------------------------|--------------------------------|----------------------|--------------|--|--|--|--|
| •   | 04101 Tel: (207) 874-8703,  |                           | 04-0783                        | 06/10/2004           | 061 E008001  |  |  |  |  |
| <b>Location of Construction:</b>  | Owner Name:   | ı                         | Owner Address:                 | Phone:               |              |  |  |  |  |
| 387-389 Danforth St   | Danforth Street   | 322 Spring St             |                                | ( ) 773-9606         |              |  |  |  |  |
| Business Name:  | Contractor Name:  | Contractor Address:       | Contractor Address: Phone      |                      |              |  |  |  |  |
|   | Joe Tacka   | 322 Spring Street         | Portland                       | (207) 773-9606       |              |  |  |  |  |
| Lessee/Buyer's Name   | Phone:  | ]                         | Permit Type:<br>Amendment to M | ultifamily           |              |  |  |  |  |
| 'roposed Use:   |   | Propose                   | d Project Description:         |                      |              |  |  |  |  |
| 2 family with 10'x13' su  | inroom  | amend                     | lment to existing pe           | ermit-add 10'x13' su | nroom        |  |  |  |  |
|   |   |                           |                                |                      |              |  |  |  |  |
| Dept: Historical Note:  | Status: Approved with Co  |                           | Deborah Andrew                 | **                   | Ok to Issue: |  |  |  |  |
| are as follows: 1) 212 windows to l 2) Skylights shall b inches. Overall fini 3) Step flashing to | all conditions included in Histories all wood; muntin width to make reduced in size so as not to er shed height of skylights shall pube bronze inspouts to match existing | atch that of existing wir | ndows<br>Thip; should be sep   |                      |              |  |  |  |  |
| Dept: Zoning  | Status: Pending   | Reviewer:                 |                                | Approval D           | ate:         |  |  |  |  |
| Note:   |   |                           |                                |                      | OktoIssue:   |  |  |  |  |
| Dept: Building  | Status: Pending   | Reviewer:                 |                                | Approval D           | Pate:        |  |  |  |  |
| Note:   |   |                           |                                |                      | OktoIssue:   |  |  |  |  |

# 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 & any kind are accepted.

| Location/Address of Construction: $38$   | 37-389                                     | DAN FUNT  | t st.   |                                       |  |  |  |  |
|--|--|---|---|---------------------------------------|--|--|--|--|
| Total Square Footage of Proposed Structure 130 Sq feet   | eru  | Square Footage of                                     | . /   |                                       |  |  |  |  |
| Tax Assessor's Chart, Block & Lot Chart# Block# Lot#   | Owner:<br>DANFUXTO<br>PI                   | It street<br>opentles, Ll                             | . C   | Telephone: 773-9606                   |  |  |  |  |
| Lessee/Buyer's Name (If Applicable)  | Applicant not telephone:                   | ame, address &<br>DAN FUNTH STAFF<br>Phippint 25, CL  | W Fe  | Cost Of Work: \$ 13,500               |  |  |  |  |
| Current use: 2 FAMILY DAVS   |  |   |   | · · · · · · · · · · · · · · · · · · · |  |  |  |  |
| If the location is currently vacant, what wa   | as prior use: $\frac{u}{3}$                | MUNTHS  | -cu   | MENTLY WACAT                          |  |  |  |  |
| Proposed use: 2 FAMILY Project description: Annument to s 10/X13/To NONTAGAST COLNER O   | TZIXS WEST                                 | INL BUILDING (58                                      | 2 PLANS                                       | 1                                     |  |  |  |  |
| Contractor's name, address & telephone:  | JUSTACK                                    | 4 (MYCGASB  | NFUNB   | 25 - Scott Furbrs)                    |  |  |  |  |
| Who should we contact when the permit Mailing address:  ASOU 4 7   | is ready: <u>১০১</u>                       | TACKA-7   | <u>73-</u> 96                                 | 006                                   |  |  |  |  |
| We will contact you by phone when the p review the requirements before starting ar and a \$100.00 fee If any work starts before  | ny work, with a                            | Plan Reviewer. A                                      |   | order will be issued                  |  |  |  |  |
| F THE REQUIRED INFORMATION IS NOT INCLU-<br>PENIED AT THE DISCRETION OF THE BUILDING,<br>INFORMATION IN ORDER TO APROVE THIS PE  | /PLANNING DE                               | BMISSIONS THE PERI                                    | MIT <b>WIII.</b> BE                           | AUTOMATICALLY                         |  |  |  |  |
| nereby certify that I am the Owner of record of the na<br>ave been authorized by the owner to make this applic<br>risdiction. In addition, if a permit for work described in<br>I have the authority to enter all areas covered by the<br>I this permit. | cation as his/her a<br>this application is | uthorized agent. I agre<br>issued. I certify that the | e <b>la é</b> óntorm<br>S <b>ad</b> e Officia | to all applicable laws of this        |  |  |  |  |
| Signature of applicant:  |  | Date:   | 773-  | 9606                                  |  |  |  |  |

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 & City Hall

This page contains a detailed description of the Parcel ID you selected. Press the **New Search** button at the bottom of the screen to submit a new query.

#### **Current Owner information**

Card Number 1 of 1 061 E008001 Parcel ID 387 DANFORTH ST Location Land Use TWO FAMILY

DANFORTH STREET PROPERTIES LLC Owner Address 322 SPRING ST

PORTLAND ME 04102

20926/219 Book/Page

Legal

61-E-8 DANFORTH ST 385-391 10621 SF

#### Valuation Information

Land \$107,000 Building Total \$222,710 \$115,710

#### **Property Information**

Year Built 1799 Style Colonial Story Height Sq. Ft. 4302 Total Acres 0.244

Bedrooms Full Baths Half Baths Total Rooms Attic Basement 14 Full Finsh Full

## Outbuildings

Condition Quantity Year Built Grade Type
SHED-FRAME 1970 8x8 D

#### Sales Information

Price Book/Page Date Type
LAND + BLDING 03/02/2004 5437,500 20926-219

#### Picture and Sketch

Sketch Picture

#### Click here to view Tax Roll Information.

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or emailed.

**New Search!** 

From: Deb Andrews
To: Marge Schmuckal

Date: Mon, Jul 12, 2004 2:35 PM

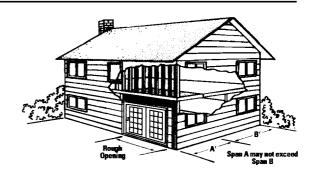
Subject: 387 Danforth Street

Dear Marge: At your request, I have reviewed Mr. Tacka's approved plans for a building addition to the rear ell of 387 Danforth Street. Reducing the size of the addition to meet the 25 rear yard setback would materially alter the approved design and, in my view, not meet Historic Preservation approval. Deb Andrews

# G-P 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. Intermediate floor beam assumed. If the soffit exceeds 2', additional engineering will be necessary.



|                         |     |          |                  |                       |  | Snow                    | (115%)   |                         |   |                 |                 | Non-Snow (125%) |                  |                                |                      |                      |                       |                          |   |                      |                |  |
|-------------------------|-----|----------|------------------|-----------------------|--|-------------------------|----------|-------------------------|---|-----------------|-----------------|-----------------|------------------|--------------------------------|----------------------|----------------------|-----------------------|--------------------------|---|----------------------|----------------|--|
| Roof Loading            |     |          | . 25 ms          | 25 asf LL + 20 asf DL |  |                         |          | 40 psf LL + 20 psf DL   |   |                 |                 |                 | . 26 ps          | f [1 + 12 ]                    | est DL               |                      | 20 psf LL + 25 psf DL |                          |   |                      |                |  |
| RoughOpeni              | nğ  | 6'       | T'               | 9                     | 1 10'  | 12'                     | 6'       | 6' '                    | 9'  | 10'             | 12'             | 6'              | Ι'.              | 9'                             | 10'                  | 12'                  | 6'                    | 8, ,                     | 9'  | 10                   | 12,            |  |
|                         |     | 1-91/4"  | 1-11/4"+         | 1-14"+                |  |                         | 1-9%"+   |                         | 1   |                 |                 | 1-974"          | 1-111/4"+        | 1-117/4"+                      | 1-14"+               |                      | 1-91/4"               | 1-111/4"+                | 1-14"+  |                      |                |  |
|                         | 20' | Ī        | 2-9%.*           | 2-111/4<br>3-91/4     | 2-11%*   | 2-IE"<br>3-14.          | ĺ        | 2-97,                   | 2-11 <sup>1</sup> / <sub>4</sub> "<br><b>3-9</b> / <sub>4</sub> " |                 | 2-16*+<br>3-14' |                 | 2-97."           | 2-97i*                         | 2-11%*<br>3-9%*      | 2-14'<br>3-11%'      |                       | 2-97,*                   | 2-11//°<br>3-9//°   | 2-11%                | 2·16'<br>3-14' |  |
| Roof<br>Truss           | 24' | 1-91/4"+ | 1-11%'t<br>2-9%" |                       | 2-11 <sup>7</sup> / <sub>1</sub> "<br>3-11 <sup>1</sup> / <sub>4</sub> " | 2-16*+<br><b>3-14</b> " | 1-91/4"+ | 2-9%"                   | 2-111/4"  |                 | 2-18*+<br>3-14" | I-91/4"         | 1-11½"+<br>2-9½" | I -  4"+<br>2-9"/;"<br>3-9"/;" | 2-11 /."<br>3-9 //." | 2-14'                | 1-91/4+               | 1-11%"t<br><b>2-9¼</b> " | 2-117°  | 2-117/4"<br>3-117/4" | 2-16"          |  |
| Span<br>with            | 28' | 1-97/4"+ |                  | 2-111/4"              |  | 2·16*+<br>3-14"         | 2-971"   |                         | 2-11½"+<br>3-11½"   | 2-14"+          | 2-18"+          | 1-97/*+         |                  | 2-11%                          | 2-117/s*<br>3-117/s* |                      | 1-97/4+               |                          | 2-119/2   | 2-14"+<br>3-1174"    | 2-16"          |  |
| 2'<br>Soffit<br>Assumed | 32' | 1-91/14  |                  | 2-1174"+              |  | 2·18*+<br>3-14'         | 2-9%     | 2-11'/-"+               |   | 2-14't          |                 | 1-974"+         | 2-976            | 2-111/4"                       | 2-111/1"<br>3-111/1" |                      | 1-976*+               | 2-9%*<br><b>3-9%</b> *   | 2-11 /4"+   | 1                    | 2-18"          |  |
| todaniou                | 36' | 2-91/4   |                  |                       | 2-14"+<br>3-11"/;"   | 3-18°+                  | 2.971*   | <b>2-11¼"+</b><br>3-9½" | 2-14"+<br>3-111/4"  | 3-1 <b>4"</b> + | 3-16"+          | 1-97,74         | 2-97,*           | 2-1174°<br><b>3-97</b> 4°      | 2·14"+<br>3·1{}/i"   | <b>2-18"</b> + 3-14" | 2-970                 | 2-11'/."+<br>3-9'/."     | 2-11 <sup>3</sup> / <sub>2</sub> *+<br>3-11 <sup>3</sup> / <sub>2</sub> * | 2·14*+<br>3·11%*     | 3-16*          |  |

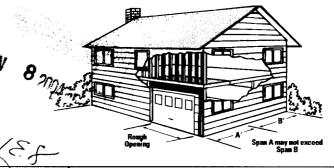
t See note 2

- 1. Requiredend bearing length (based on 565 psi) is 3.0" unless the subscript + is shown. Inthat case, 4.5" is required.
- 2. Headers require full width bearing. Minimum cripple size for 51/4" 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 5/18" at total load.
- 6. Roof live and dead loads shown are applied vertically to the horizontal projection.

# G-P Lam LVL Garage Door Headers - 2-Story

### **Two-Story Applications**

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



|                          |                       |                    |                 |                         | Sn                   | ow (1159        | 6)                    | 7                    | Non-Snow (125%) |                       |                              |                 |                       |                      |                 |                       |  |                  |                  |
|--------------------------|-----------------------|--------------------|-----------------|-------------------------|----------------------|-----------------|-----------------------|----------------------|-----------------|-----------------------|------------------------------|-----------------|-----------------------|----------------------|-----------------|-----------------------|--|------------------|------------------|
| Roof Loadii              | 25 psf iL + 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 |  |                  |                  |
| Rough Openi              | ng                    | 9′3″               | 16'3"           | 18'3"                   | 9'3"                 | 16'3"           | 18'3                  | 9'3"                 | 15'3"           | 18'3"                 | 9′3″                         | 16'3"           | 18′3″                 | 9'3"                 | 16′3″           | 18′3″                 | 9'3"   | 16′3″            | 18'3"            |
| Roof                     | 20'                   | 1-11½"+<br>2-9¼"   | 2-16"+<br>3-14" | 2-18"+<br>3-16"         | 2-91/4"              | 2-16"+<br>3-14" | 3-16*                 | 2-97."               | 3-14"+          | 3-16"+                | 1-11½"+<br>2-9¼"             | 2-16"+<br>3-14" | 2-16" +<br>3-14"      | 1-11'/4"+<br>2-9'/4" | 2-16"+<br>3-14" | 2-18" +<br>3-16"      | 1-11¼*+<br>2-9¼*                               | 2-16" +<br>3-14" | 2-18" +<br>3-16" |
| Truss<br>Span            | 24'                   | 2-9%"              | 2-16"+<br>3-14" | 3-16"+                  | 2-91/4*              | 3-16"+          | 3-16"+                | 2-11½"+<br>3-9½"     | 3-16*+          | 3-18"+                | +"،/11-11<br>2-91/           | 2-16"+<br>3-14" | 2-18"+<br>3-16"       | 2-974"               | 2-16"+<br>3-14" | 3-15"+                | 2-91/4"  | 2-16"+<br>3-14"  | 3-16"+           |
| with 2'                  | 28'                   | 2-9'/1"<br>3-9'/4" | 3-16"+          | 3-18"+                  | 2-11'/4"+<br>3-9'/4" | 3-16"+          | 3-18"+                | 2-11½"+<br>3-9½"     | 3-16"+          | 3-18"+                | 2-91/4"                      | 2-18"+<br>3-14" | 3-16"+                | 2-974"               | 3-14"+          | 3-16"+                | 2-9'/;"<br>3-9'/4"                             | 3-16"+           | 3-18"+           |
| <b>Soffit</b><br>Assumed | 32'                   | 2-1174"+<br>3-974" | 3-16"+          | 3-18"+                  | 2-11'/4"+<br>3-9'/4" | 3-16"+          | 3-18"+                | 2-11'/4"+<br>3-9'/4" | 3-16"+          |                       | 2-91/4"                      | 3-14"+          | 3-16"+                | 2-111/4"<br>3-91/4"  | 3-16"+          | 3-18"+                | 2-11 <sup>1</sup> /4"+<br>3-9 <sup>1</sup> /4" | 3-16"+           | 3-18"+           |
|                          | 36′                   | 2-11½*+<br>3-9¼*   | 3-16"+          |                         | 2-11¼*+<br>3-9¼*     | 3-16"+          |                       | 2-11¼*+<br>9½*       |                 |                       | 2-11 <i>'\4</i> "<br>3-9'\4" | 3-16"+          | 3-18"+                | 2-11'/4"+<br>3-9'/4" | 3-16"+          | 3-18"+                | 2-11½"+<br>3-9¼*                               | 3-16*+           |                  |

ee note 2.

- 1. Required end bearing length (based on 565 psi) is  $3.0^{\circ}$  unless the subscript+ 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.