

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that Katherine Theriault

Located At 24 HANOVER ST

Job ID: 2012-11-5418-ALTR

CBL: 033- I-013-001

has permission to renovate the existing bathroom- addition of a skylight (Unit A).

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

12/11/2012

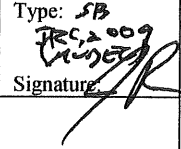
THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD


closed

SCANNED

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-11-5418-ALTR	Date Applied: 11/16/2012	CBL: 033- I-013-001	
Location of Construction: 24 HANOVER ST	Owner Name: KATHERINE THERIAULT	Owner Address: 24 HANOVER ST PORTLAND, 04101 MAINE - ME	Phone: 319-9077
Business Name:	Contractor Name: Andrew J. Brewer	Contractor Address: 11 RIDGEWAY AVE GORHAM MAINE 04038	Phone: (2047) 899-6154
Lessee/Buyer's Name:	Phone:	Permit Type: Building	Zone: B-2b & R-6
Past Use: Two Residential Condominiums	Proposed Use: Same: Two Residential Condos - to remodel bathroom with new skylight in unit A	Cost of Work: \$10,000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved <input type="checkbox"/> Denied <input checked="" type="checkbox"/> N/A	Inspection: Use Group: <i>RS</i> Type: <i>SB</i> <i>REC 2009</i> Signature: 
Proposed Project Description: Bathroom re-model add skylight		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Lannie		Zoning Approval	

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules. 2. Building Permits do not include plumbing, septic or electrical work. 3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.	Special Zone or Reviews <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan ___ Maj ___ Min ___ MM Date: <i>OK - 9</i> <i>11/28/12</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 Dist 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

12-18-12 DWM/BKL/PSF Andy 879-6154 close-MOK
provide drum trap on existing lavy

1-24-13 DWM/BKL Final OK pending tempered certs.

1-24-13 Rec'd Certs

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 Inspections 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.**

1. Close In Elec/Plmb/Frame prior to insulate or gypsum
2. Final Inspection

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

Donald McPherson - Re: Harrower.pdf

From: Scott Simoneau <scott_4196@me.com>
To: Donald McPherson <DMCPHERSON@portlandmaine.gov>
Date: 1/24/2013 12:47 PM
Subject: Re: Harrower.pdf

24 Hanover St

Sent from my iPhone

On Jan 24, 2013, at 12:33 PM, Donald McPherson <DMCPHERSON@portlandmaine.gov> wrote:

Scott,
Can you give me a permit #, Job address, or owners name?
Don

Don McPherson
Code Enforcement Officer

City of Portland
Planning and Urban Development Department
Inspection Services Division
389 Congress St. Rm 315
Portland, ME 04101
Office: 207.874.8705
Support Staff: 207.874.8701
DMcPherson@portlandmaine.gov

>>> Scott Simoneau <scott_4196@me.com> 1/24/2013 11:58 AM >>>

Notice: Under Maine law, documents - including e-mails - in the possession of public officials or city employees about government business may be classified as public records. There are very few exceptions. As a result, please be advised that what is written in an e-mail could be released to the public and/or the media if requested.



48 Spiller Drive
 Westbrook,, ME 04092
 PH: (207) 775-2676
 FX: (207) 775-0291
<http://www.sigcoinc.com>

ORDER: 959054
 ORDER DATE: 12/27/2012

ORDER ACKNOWLEDGEMENT

INVOICE INFORMATION

CUMBERLAND GLASS LLC
 117 LONGWOODS RD.
 CUMBERLAND, ME 04021
 PH: 207-829-4196
 FX: 207-829-4596

SHIPPING INFORMATION

CUMBERLAND GLASS LLC
 117 LONGWOODS RD.
 CUMBERLAND, ME 04021
 PH: 1-207-829-4196
 FX: 207-829-4596

TARGET DELIVERY DATE: 1/7/2013 WILL CALL

ORDER	ORDER DATE	PO NUMBER	CUSTOMER REF.		TERMS
959054	12/27/2012	HARROWER	HARROWER/CRL 39248		COD
NO	DESCRIPTION	QTY	SIZE	PRICE	TOTAL
1	SHOWER DOOR HARDWARE SD HARDWARE SHIPPING DIRECT TO CUSTOMER	1			
2	FLAT TEMPERED 3/8" STARPHIRE, SHAPE LIBRARY NUMBER, QUADRANGLES, SHAPE 002=[H1=53.4375], ALL EDGES, ALL EDGES{FLAT POLISH}, NO LOGO	1	23 5/8 W X 72 H		
3	FLAT TEMPERED 3/8" STARPHIRE, ALL EDGES, ALL EDGES{FLAT POLISH}, HOLE 1/2"=[2], SEAMED NOTCH OR CUTOUT=[2], NO LOGO (2) 1/2" holes (2) gen037	1	28 W X 72 1/16 H		
4	ENERGY SURCHARGE	1			
TOTALS:		4		SUBTOTAL:	
					TOTAL:

COMMENT:



PORTLAND MAINE

Strengthening a Remarkable City. Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Jeff Levine

Job ID: 2012-11-5418-ALTR

Located At: 24 HANOVER ST

CBL: 033- I-013-001

Conditions of Approval:

Building

1. Separate permits are required for any electrical: plumbing, sprinkler, fire alarm, HVAC systems, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.
2. R302.4 Dwelling unit rated penetrations. Penetrations of wall or floor/ceiling assemblies required to be fire-resistance rated in accordance with Section R302.2 or R302.3 shall be protected in accordance with this section.
3. R308.6 Skylights and sloped glazing. Skylights and sloped glazing shall comply with the following sections, see attachment.
4. Note: Contractor stated that the proposed bathroom renovation(s) are to directly replace the existing fixture(s) and add a skylight to the 10:12 pitched roof.

R308.6.2 Permitted materials. The following types of glazing may be used:

1. Laminated glass with a minimum 0.015-inch (0.38 mm) polyvinyl butyral interlayer for glass panes 16 square feet (1.5 m²) or less in area located such that the highest point of the glass is not more than 12 feet (3658 mm) above a walking surface or other accessible area; for higher or larger sizes, the minimum interlayer thickness shall be 0.030 inch (0.76 mm).
2. Fully tempered glass.
3. Heat-strengthened glass.
4. Wired glass.
5. *Approved* rigid plastics.

R308.6.3 Screens, general. For fully tempered or heat-strengthened glass, a retaining screen meeting the requirements of Section R308.6.7 shall be installed below the glass, except for fully tempered glass that meets either condition listed in Section R308.6.5.

R308.6.4 Screens with multiple glazing. When the inboard pane is fully tempered, heat-strengthened or wired glass, a retaining screen meeting the requirements of Section R308.6.7 shall be installed below the glass, except for either condition listed in Section R308.6.5. All other panes in the multiple glazing may be of any type listed in Section R308.6.2.

R308.6.5 Screens not required. Screens shall not be required when fully tempered glass is used as single glazing or the inboard pane in multiple glazing and either of the following conditions are met:

1. Glass area 16 square feet (1.49 m²) or less. Highest point of glass not more than 12 feet (3658 mm) above a walking surface or other accessible area, nominal glass thickness not more than $\frac{3}{16}$ inch (4.8 mm), and (for multiple glazing only) the other pane or panes fully tempered, laminated or wired glass.
2. Glass area greater than 16 square feet (1.49 m²). Glass sloped 30 degrees (0.52 rad) or less from vertical, and highest point of glass not more than 10 feet (3048 mm) above a walking surface or other accessible area.

R308.6.6 Glass in greenhouses. Any glazing material is permitted to be installed without screening in the sloped areas of greenhouses, provided the greenhouse height at the ridge does not exceed 20 feet (6096 mm) above *grade*.

R308.6.7 Screen characteristics. The screen and its fastenings shall be capable of supporting twice the weight of the glazing, be firmly and substantially fastened to the framing members, and have a mesh opening of no more than 1 inch by 1 inch (25 mm by 25 mm).

R308.6.8 Curbs for skylights. All unit skylights installed in a roof with a pitch flatter than three units vertical in 12 units horizontal (25-percent slope) shall be mounted on a curb extending at least 4 inches (102 mm) above the plane of the roof unless otherwise specified in the manufacturer's installation instructions.

R308.6.9 Testing and labeling. Unit skylights shall be tested by an *approved* independent laboratory, and bear a *label* identifying manufacturer, performance *grade* rating and *approved* inspection agency to indicate compliance with the requirements of AAMA/WDMA/CSA 101/1.S.2/A440.

SECTION R309 GARAGES AND CARPORTS

R309.1 Floor surface. Garage floor surfaces shall be of *approved* noncombustible material.

The area of floor used for parking of automobiles or other vehicles shall be sloped to facilitate the movement of liquids to a drain or toward the main vehicle entry doorway.

R309.2 Carports. Carports shall be open on at least two sides. Carport floor surfaces shall be of *approved* noncombustible material. Carports not open on at least two sides shall be considered a garage and shall comply with the provisions of this section for garages.

Exception: Asphalt surfaces shall be permitted at ground level in carports.

The area of floor used for parking of automobiles or other vehicles shall be sloped to facilitate the movement of liquids to a drain or toward the main vehicle entry doorway.

R309.3 Flood hazard areas. For buildings located in flood hazard areas as established by Table R301.2(1), garage floors shall be:

1. Elevated to or above the design flood elevation as determined in Section R322; or
2. Located below the design flood elevation provided they are at or above *grade* on at least one side, are used solely for parking, building access or storage, meet the requirements of Section R322 and are otherwise constructed in accordance with this code.

R309.4 Automatic garage door openers. Automatic garage door openers, if provided, shall be listed in accordance with UL 325.

SECTION R310 EMERGENCY ESCAPE AND RESCUE OPENINGS

R310.1 Emergency escape and rescue required. *Basements*, habitable attics and every sleeping room shall have at least one operable emergency escape and rescue opening. Where *basements* contain one or more sleeping rooms, emergency egress and rescue openings shall be required in each sleeping room. Where emergency escape and rescue openings are provided they shall have a sill height of not more than 44 inches (1118 mm) above the floor. Where a door opening having a threshold below the adjacent ground elevation serves as an emergency escape and rescue opening and is provided with a bulkhead enclosure, the bulkhead enclosure shall comply with Section R310.3. The net clear opening dimensions required by this section shall be obtained by the normal operation of the emergency escape and rescue opening from the inside. Emergency escape and rescue openings with a finished sill height below the adjacent ground elevation shall be provided with a window

4. Glazing adjacent to a door where access through the door is to a closet or storage area 3 feet (914 mm) or less in depth.
 5. Glazing that is adjacent to the fixed panel of patio doors.
3. Glazing in an individual fixed or operable panel that meets all of the following conditions:
 - 3.1. The exposed area of an individual pane is larger than 9 square feet (0.836 m²); and
 - 3.2. The bottom edge of the glazing is less than 18 inches (457 mm) above the floor; and
 - 3.3. The top edge of the glazing is more than 36 inches (914 mm) above the floor; and
 - 3.4. One or more walking surfaces are within 36 inches (914 mm), measured horizontally and in a straight line, of the glazing.

Exceptions:

1. Decorative glazing.
 2. When a horizontal rail is installed on the accessible side(s) of the glazing 34 to 38 inches (864 to 965) above the walking surface. The rail shall be capable of withstanding a horizontal load of 50 pounds per linear foot (730 N/m) without contacting the glass and be a minimum of 1½ inches (38 mm) in cross sectional height.
 3. Outboard panes in insulating glass units and other multiple glazed panels when the bottom edge of the glass is 25 feet (7620 mm) or more above *grade*, a roof, walking surfaces or other horizontal [within 45 degrees (0.79 rad) of horizontal] surface adjacent to the glass exterior.
4. All glazing in railings regardless of area or height above a walking surface. Included are structural baluster panels and nonstructural infill panels.
 5. Glazing in enclosures for or walls facing hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers where the bottom exposed edge of the glazing is less than 60 inches (1524 mm) measured vertically above any standing or walking surface.

Exception: Glazing that is more than 60 inches (1524 mm), measured horizontally and in a straight line, from the waters edge of a hot tub, whirlpool or bathtub.

6. Glazing in walls and fences adjacent to indoor and outdoor swimming pools, hot tubs and spas where the bottom edge of the glazing is less than 60 inches (1524 mm) above a walking surface and within 60 inches (1524 mm), measured horizontally and in a straight line, of the water's edge. This shall apply to single glazing and all panes in multiple glazing.
7. Glazing adjacent to stairways, landings and ramps within 36 inches (914 mm) horizontally of a walking sur-

face when the exposed surface of the glazing is less than 60 inches (1524 mm) above the plane of the adjacent walking surface.

Exceptions:

1. When a rail is installed on the accessible side(s) of the glazing 34 to 38 inches (864 to 965 mm) above the walking surface. The rail shall be capable of withstanding a horizontal load of 50 pounds per linear foot (730 N/m) without contacting the glass and be a minimum of 1½ inches (38 mm) in cross sectional height.
 2. The side of the stairway has a guardrail or hand-rail, including balusters or in-fill panels, complying with Sections R311.7.6 and R312 and the plane of the glazing is more than 18 inches (457 mm) from the railing; or
 3. When a solid wall or panel extends from the plane of the adjacent walking surface to 34 inches (863 mm) to 36 inches (914 mm) above the walking surface and the construction at the top of that wall or panel is capable of withstanding the same horizontal load as a *guard*.
8. Glazing adjacent to stairways within 60 inches (1524 mm) horizontally of the bottom tread of a stairway in any direction when the exposed surface of the glazing is less than 60 inches (1524 mm) above the nose of the tread.

Exceptions:

1. The side of the stairway has a guardrail or hand-rail, including balusters or in-fill panels, complying with Sections R311.7.6 and R312 and the plane of the glass is more than 18 inches (457 mm) from the railing; or
2. When a solid wall or panel extends from the plane of the adjacent walking surface to 34 inches (864 mm) to 36 inches (914 mm) above the walking surface and the construction at the top of that wall or panel is capable of withstanding the same horizontal load as a *guard*.

R308.5 Site built windows. Site built windows shall comply with Section 2404 of the *International Building Code*.

R308.6 Skylights and sloped glazing. Skylights and sloped glazing shall comply with the following sections.

R308.6.1 Definitions.

SKYLIGHTS AND SLOPED GLAZING. Glass or other transparent or translucent glazing material installed at a slope of 15 degrees (0.26 rad) or more from vertical. Glazing materials in skylights, including unit skylights, solariums, sunrooms, roofs and sloped walls are included in this definition.

UNIT SKYLIGHT. A factory assembled, glazed fenestration unit, containing one panel of glazing material, that allows for natural daylighting through an opening in the roof assembly while preserving the weather-resistant barrier of the roof.

2012-11-5418



General Building Permit Application

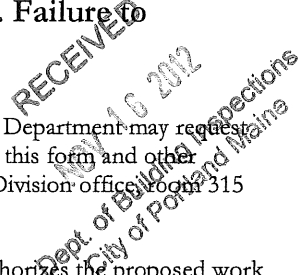
B-2b e

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.

R-C

Location/Address of Construction: <u>24 Hanover St.</u>		
Total Square Footage of Proposed Structure/Area <u>74 sq/ft</u>	Square Footage of Lot <u>3,536 sq/ft</u>	Number of Stories <u>2</u>
Tax Assessor's Chart, Block & Lot Chart# <u>033 I01300A</u> Block# Lot#	Applicant: (must be owner, lessee or buyer) Name <u>KATHERINE A THERIAULT</u> <u>JOEL MOSER</u> Address <u>24 HANOVER ST.</u> City, State & Zip <u>Portland, ME 04101</u>	Telephone: <u>207-319-9079</u>
Lessee/DBA	Owner: (if different from applicant) Name Address City, State & Zip	Cost of Work: \$ <u>10,000</u> C of O Fee: \$ _____ Historic Review: \$ _____ Planning Amin.: \$ _____ Total Fee: \$ _____
Current legal use (i.e. single family) <u>Condominium</u> Number of Residential Units <u>2</u> If vacant, what was the previous use? _____ Proposed Specific use: _____ Is property part of a subdivision? <u>NO</u> If yes, please name _____ Project description: <u>Bathroom Remodel with New Sky Light Construction LLC</u>		
Contractor's name: <u>Andrew J. Brewer</u> Andrew J. Brewer LLC Email: <u>andrewjbrewer83@yahoo.com</u>		
Address: <u>11 Ridgeway Ave</u>		
City, State & Zip: <u>Gorham, ME 04038</u> Telephone: <u>207-899-6154</u>		
Who should we contact when the permit is ready: <u>Andrew Brewer</u> Telephone: " "		
Mailing address: _____		

Please submit all of the information outlined on the applicable checklist. Failure to do so will result in the automatic denial of your permit.

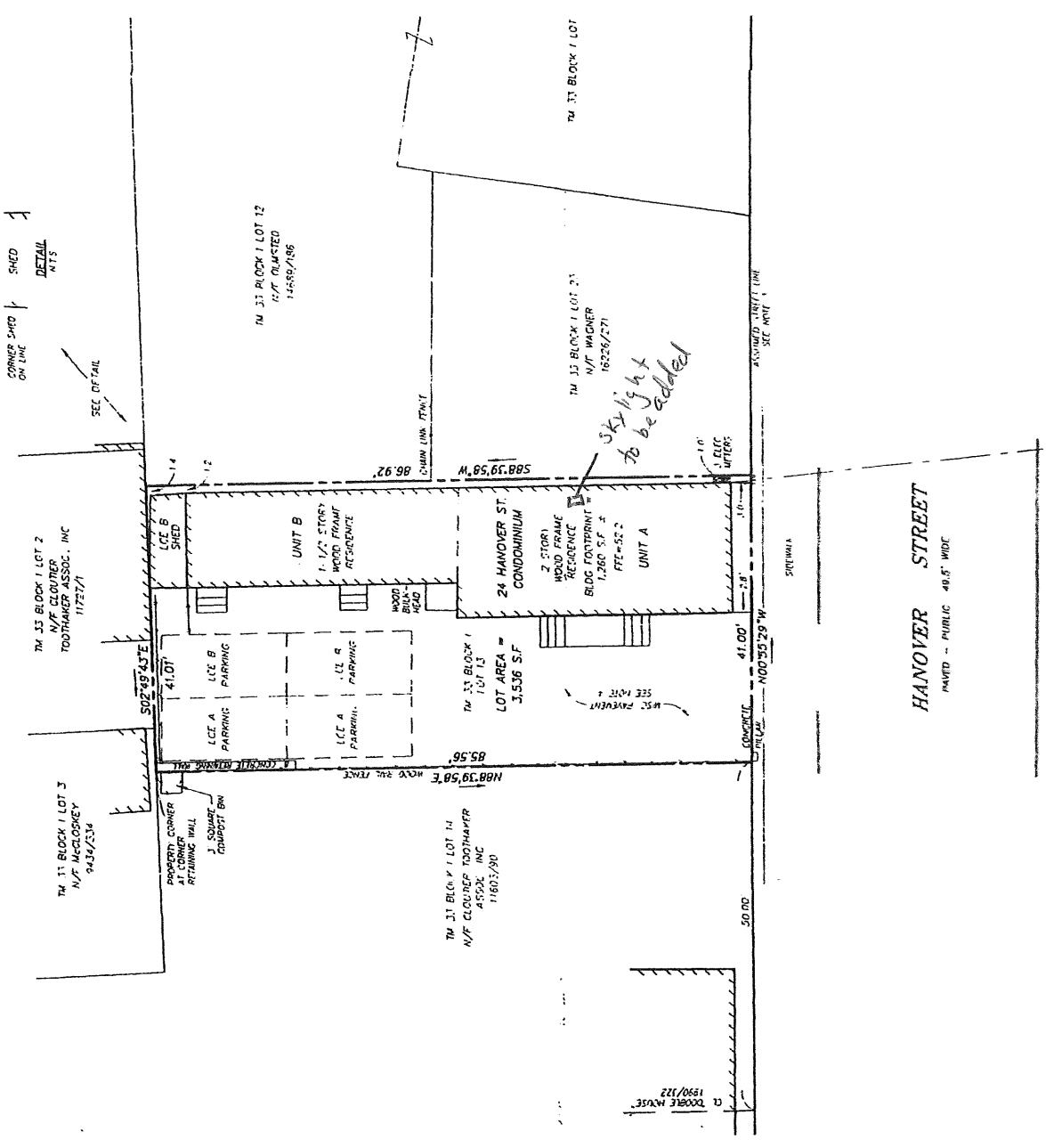


In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may require additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

and 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: Andrew Brewer Date: Nov. 8, 2012

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



PLAN REFERENCE

1. CITY OF PORTLAND TAX MAPS

NOTES

1. OWNER OF RECORD IS DANIEL A. AND JENNIFER P. CONNOR BY SHORT FORM WARRANTY DEED DATED JUNE 15, 2001 AND RECORDED IN BOOK 16451 PAGE 63 OF THE CUMBERLAND REGISTRY OF DEEDS
2. REBARINGS ARE MAGNETIC IN THE YEAR 2003
3. HANOVER AND PORTLAND STREET SIDE LINES FIRED USING INFORMATION OBTAINED FROM THE CITY OF PORTLAND PUBLIC WORKS DEPARTMENT
4. SURVEY PERFORMED UNDER WINTER CONDITIONS WITH 2-3 FEET OF SNOW PRESENT
5. FINISHED FLOOR ELEVATION BASED ON OFFICIAL CITY OF PORTLAND DATA

LEGEND

- FENCE
- OVERHEAD WIRES
- GRANITE CURB
- LIMITED COMMON ELEMENT
- LCE



CERTIFICATION

OWEN HASKELL, INC. HEREBY CERTIFIES THAT THIS PLAN IS BASED ON, AND THE RESULT OF, AN ON THE GROUND FIELD SURVEY AND THAT TO THE BEST OF OUR KNOWLEDGE, BELIEF AND FAITHFUL OPINIONS TO THE STANDARDS OF A PROFESSIONAL LAND SURVEYOR'S CURRENT STANDARDS OF PRACTICE

DATE 5/20/03

JOE M. WALKER, PLS #22338

HANOVER STREET
PAVED - PUBLIC 49.5' WIDE

SEE NOTE 2
N/F "HAWKES" HOUSE

1500/123
D. BOOBBE HOUSE

SEE NOTE 4
MST PREVENT

Sketch to be added

CORNER SHED ON LINE
DETAIL NTS

SEE DETAIL

TM 33 BLOCK 1 LOT 12
N/F OLIVAS
14489/186

TM 33 BLOCK 1 LOT 13
N/F WAGNER
16226/271

TM 31 BLOCK 1 LOT 14
N/F CLOUTIER
TOOTHAKER ASSOC. INC
4520A, INC
11803/20

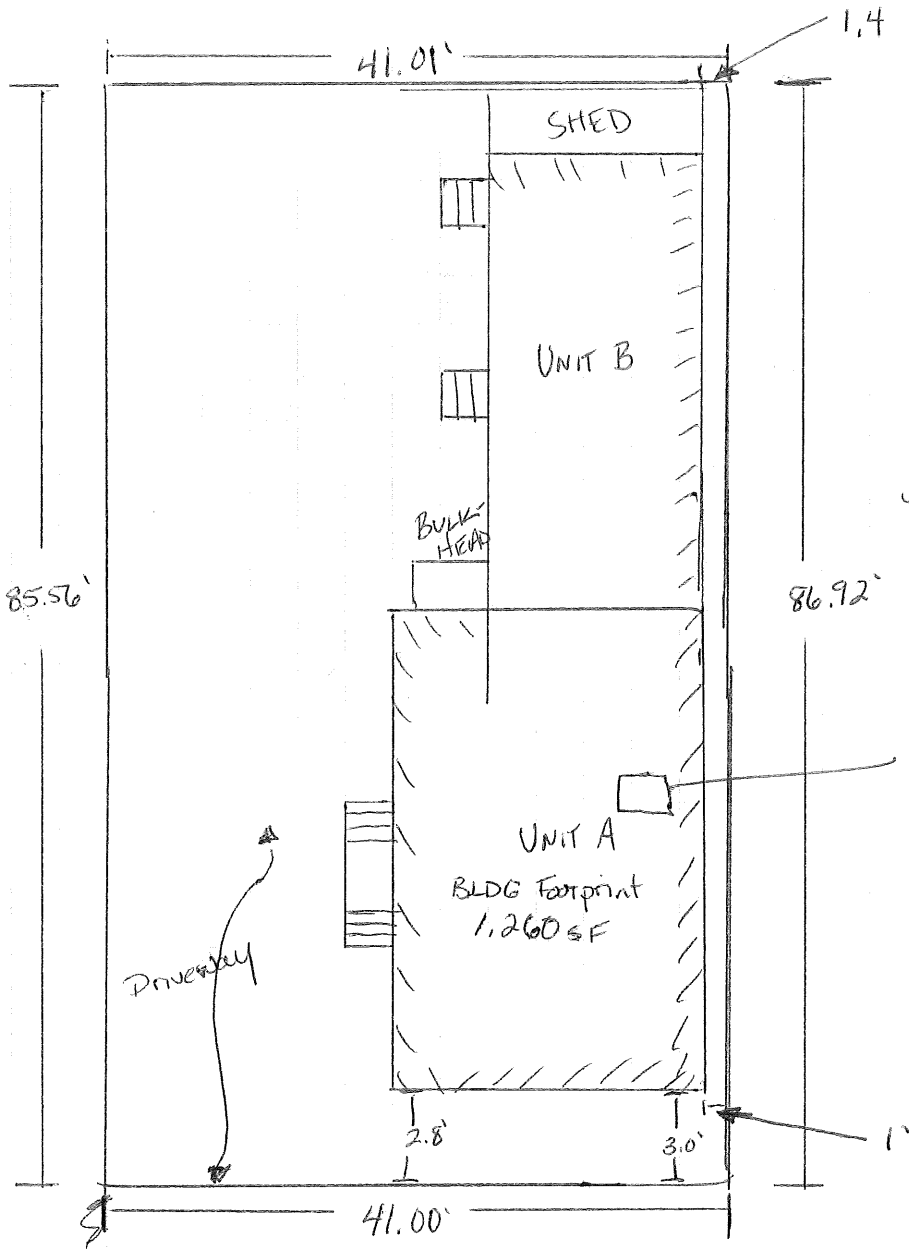
TM 33 BLOCK 1 LOT 2
N/F CLOUTIER
TOOTHAKER ASSOC. INC
11727/1

TM 33 BLOCK 1 LOT 3
N/F MCGLOSKEY
9434/334

ASSUMED PARTY LINE
SEC NPTV



CBL# 033 IO1300A



85.56'

41.01'

1.4

SHED

UNIT B

BULK HEAD

Unit A is getting work

86.92'

LOT AREA =
3,536 S.F.

Sty Light

Driveway

UNIT A
BLDG Footprint
1,260 SF

2.8'

3.0'

1'

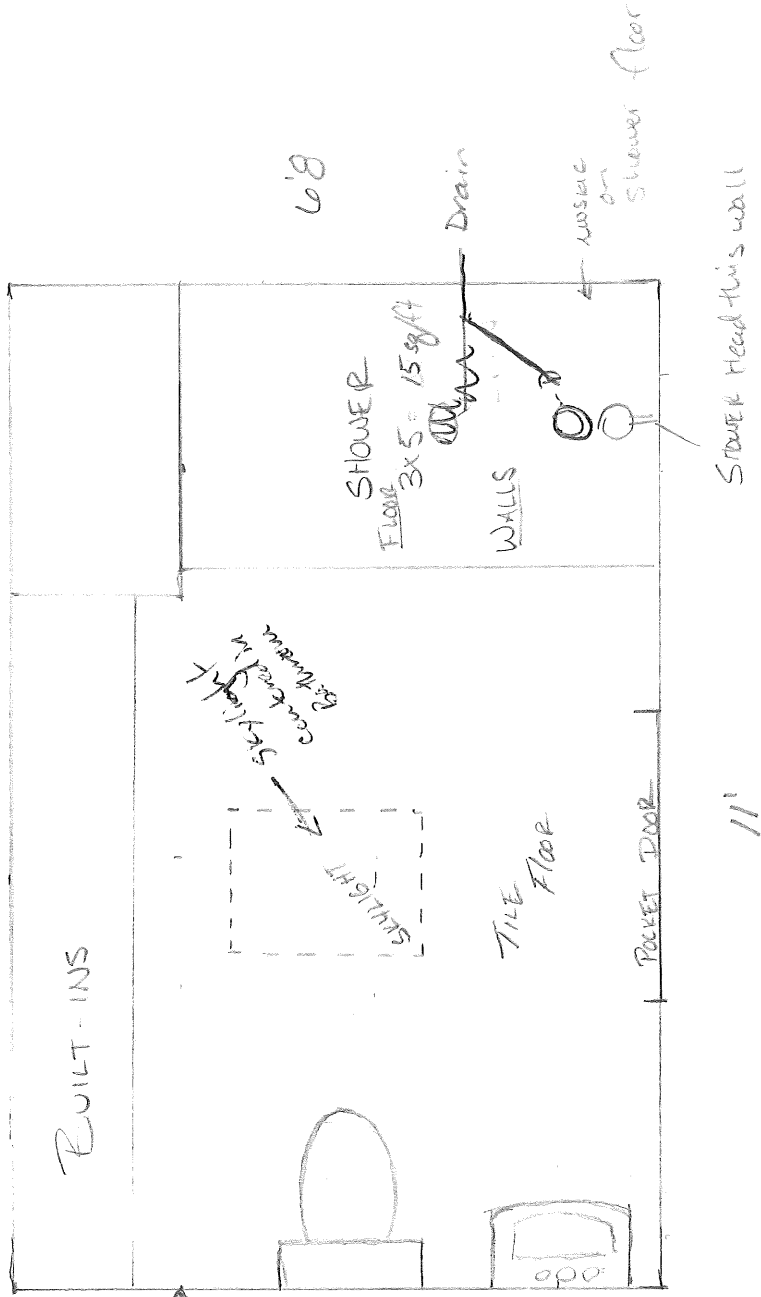
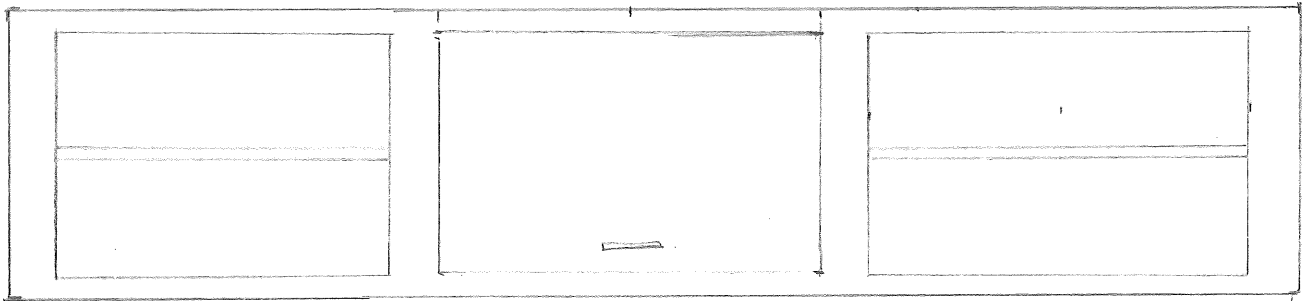
41.00'

SIDEWALK

HANOVER ST.

HANOVER ST. BATHROOM

DEPT. OF BUILDING INSPECTIONS
CITY OF PORTLAND MAINE
NOV 16 2012
RECEIVED



6'8"

Drain

mosaic on shower floor

Shower Head this wall

Skylight centered in between

SKYLIGHT LIGHTS

TILE FLOOR

POCKET DOOR

11'

2x6 framing to match roof rafters.
for skylight

18'

7



Velux Skylight Rough Opening Size Tables

Model VSE & VS Product Data

Size Code	Size	C01	C04	C06	C08	M04	M06	M08	S01	S06
Outside Frame	in.	21 1/2 x 27 3/8	21 1/2 x 38 3/8	21 1/2 x 46 1/4	21 1/2 x 54 15/16	30 9/16 x 38 3/8	30 9/16 x 46 1/4	30 9/16 x 54 15/16	44 3/4 x 27 3/8	44 3/4 x 46 1/4
Rough Opening	in.	21 x 26 7/8	21 x 37 7/8	21 x 45 3/4	21 x 54 7/16	30 1/16 x 37 7/8	30 1/16 x 45 3/4	30 1/16 x 54 7/16	44 1/4 x 26 7/8	44 1/4 x 45 3/4
Daylight Area (glass)	in.	16 3/4 x 20 13/16	16 3/4 x 31 7/8	16 3/4 x 39 3/4	16 3/4 x 48 3/8	25 7/8 x 31 7/8	25 7/8 x 39 3/4	25 7/8 x 48 3/8	40 x 20 13/16	40 x 39 3/4
Ventilation Area	sq. ft.	1.37	3.63	4.16	4.77	4.27	4.80	5.41	2.18	5.82
Net Weight (with temp. glass) VSE/VS	lbs.	41/38	50/47	59/55	65/64	64/57	73/71	82/80	65/65	96/93

Model FCM Product Data

Model FCM	Size	2222	2234	2246	3030	3046	3434	4646
Inside Curb	in.	22 1/2 x 22 1/2	22 1/2 x 34 1/2	22 1/2 x 46 1/2	30 1/2 x 30 1/2	30 1/2 x 46 1/2	34 1/2 x 34 1/2	46 1/2 x 46 1/2
Outside Curb	in.	25 1/2 x 25 1/2	25 1/2 x 37 1/2	25 1/2 x 49 1/2	33 1/2 x 33 1/2	33 1/2 x 49 1/2	37 1/2 x 37 1/2	49 1/2 x 49 1/2
Max. Skylight Clearance	in.	26 1/4 x 26 1/4	26 1/4 x 38 1/4	26 1/4 x 50 1/4	34 1/4 x 34 1/4	34 1/4 x 50 1/4	38 1/4 x 38 1/4	50 1/4 x 50 1/4
Daylight Area (glass)	in.	22 1/2 x 22 1/2	22 1/2 x 34 1/2	22 1/2 x 46 1/2	30 1/2 x 30 1/2	30 1/2 x 46 1/2	34 1/2 x 34 1/2	46 1/2 x 46 1/2
Net Weight (w/ temp. glass)	lbs.	23	32	40	37	51	52	86

Model FS Product Data

Model FS	Size	056	101	104	106	108	112	302	304	306	308	601	606
Outside Frame	in.	15 1/4 x 46 1/4	21 1/2 x 27 3/8	21 1/2 x 38 3/8	21 1/2 x 46 1/4	21 1/2 x 54 15/16	21 1/2 x 70 3/4	30 9/16 x 30 1/2	30 9/16 x 38 3/8	30 9/16 x 46 1/4	30 9/16 x 54 15/16	44 3/4 x 27 3/8	44 3/4 x 46 1/4
Finished Framing	in.	14 3/8 x 45 1/16	20 3/8 x 26 3/16	20 3/8 x 37 3/16	20 3/8 x 45 1/16	20 3/8 x 53 3/4	20 3/8 x 69 3/4	29 7/16 x 29 5/16	29 7/16 x 37 3/16	29 7/16 x 45 1/16	29 7/16 x 53 3/4	43 5/8 x 26 3/16	43 5/8 x 45 1/16
Rough Opening	in.	14 1/2 x	21 x	21 x	21 x	21 x 54	21 x	30 1/16 x	30 1/16 x	30 1/16 x	30 1/16 x	44 1/4 x 26	44 1/4 x 45

Skylight

Product	Price	Quantity	Subtotal	Tax	Total
Get Pricing					

Configure Product

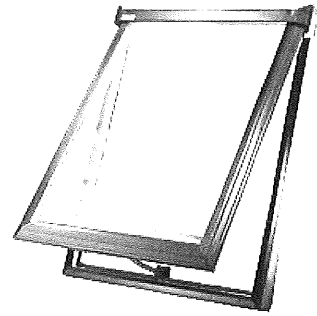
Velux VSC04

Skylights

Manual Venting

VS

C04



\$642.82

1

None

None

Impact/Aluminum

RECEIVED
 NOV 16 2012
 Dept. of Building Inspections
 City of Portland Maine

Size info. - ^{outside frame} 21 1/2" x 36 3/8"

Finished framing (incl.) - 20 3/8" x 37 3/16"

Rough Opening - 21" x 37 7/8"

Daylight area - ~~21" x 37 7/8"~~
16 3/4" x 31 7/8"

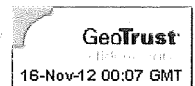
Ventilation Area - 3.63 sqft

~~Net WT.~~
Net. WT. 50/47 lbs.

SKylight - to be framed with double jacks,
sill & header between to existing rafters.

VISA

Authorize.Net



Merchant Services