



General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

| | | |
|--|--|--|
| Address/Location of Construction: 4B Free Street Portland ME 04101 | | |
| Total Square Footage of Proposed Structure: | | existing |
| Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 0381018001 | Applicant Name: JB Brown & Sons Address 10 Free Street, Ste 100 City, State & Zip Portland ME 04101 | Telephone: 207.774.5908 Email: sara@jbbrown.com |
| Lessee/Owner Name: (if different than applicant) Address: City, State & Zip: Telephone E-mail: | Contractor Name: (if different from Applicant) Address: City, State & Zip: Telephone E-mail: | Cost of Work: \$ 15,000 C of O Fee: \$ n/a Historic Rev \$ n/a Total Fees: \$ 235 |
| Current Use (i.e. single family) <u>commercial office</u> | | |
| If vacant, what was the previous use? _____ | | |
| Proposed Specific use: <u>commercial office</u> | | |
| Is property part of a subdivision? If yes, please Name _____ | | |
| Project description: <u>cutting 4 new openings in facade & installing windows to match existing</u> | | |
| Who should we contact when the permit is ready: Gillian Ghanekar | | |
| Address: 10 Free Street Suite 100 | | |
| City, State & Zip: Portland ME 04101 | | |
| E-mail Address: gughanekar@jbbrown.com | | |
| Telephone: 207.245.5138 | | |

Please submit all of the information outlined on the applicable checklist. Failure to do so causes an automatic permit denial.

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

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

Signature: Gillian Ghanekar Date: 5/17/16

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



Certificate of Design Application

From Designer: Shelley Engineering
 Date: 5/17/16
 Job Name: facade
 Address of Construction: 48 Free Street Portland ME 04101

2009 International Building Code

Construction project was designed to the building code criteria listed below:

Building Code & Year 2009 IBC Use Group Classification (s) business

Type of Construction III B

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2009 IBC y

Is the Structure mixed use? y If yes, separated or non separated or non separated (section 302.3) n/a

Supervisory alarm System? y Geotechnical/Soils report required? (See Section 1802.2) n

Structural Design Calculations

Submitted for all structural members (106.1 - 106.11)

Design Loads on Construction Documents (1603)

Uniformly distributed floor live loads (7603.11, 1807)

| Floor Area Use | Loads Shown |
|----------------|-------------|
| <u>n/a</u> | <u>n/a</u> |
| ↓ | ↓ |
| | |
| | |
| | |

Wind loads (1603.1.4, 1609)

| | |
|------------|--|
| <u>n/a</u> | Design option utilized (1609.1.1, 1609.6) |
| ↓ | Basic wind speed (1809.3) |
| ↓ | Building category and wind importance Factor, I_w (table 1604.5, 1609.5) |
| ↓ | Wind exposure category (1609.4) |
| ↓ | Internal pressure coefficient (ASCE 7) |
| ↓ | Component and cladding pressures (1609.1.1, 1609.6.2.2) |
| ↓ | Main force wind pressures (7603.1.1, 1609.6.2.1) |

Earth design data (1603.1.5, 1614-1623)

| | |
|------------|---|
| <u>n/a</u> | Design option utilized (1614.1) |
| ↓ | Seismic use group ("Category") |
| ↓ | Spectral response coefficients, S_D & S_{D1} (1615.1) |
| ↓ | Site class (1615.1.5) |

| | |
|------------|---|
| <u>n/a</u> | Live load reduction |
| ↓ | Roof live loads (1603.1.2, 1607.11) |
| ↓ | Roof snow loads (1603.7.3, 1608) |
| ↓ | Ground snow load, P_g (1608.2) |
| ↓ | If $P_g > 10$ psf, flat-roof snow load P_f |
| ↓ | If $P_g > 10$ psf, snow exposure factor, C_e |
| ↓ | If $P_g > 10$ psf, snow load importance factor, I_s |
| ↓ | Roof thermal factor, C_t (1608.4) |
| ↓ | Sloped roof snowload, P_s (1608.4) |
| ↓ | Seismic design category (1616.3) |
| ↓ | Basic seismic force resisting system (1617.6.2) |
| ↓ | Response modification coefficient, R_d and deflection amplification factor C_d (1617.6.2) |
| ↓ | Analysis procedure (1616.6, 1617.5) |
| ↓ | Design base shear (1617.4, 1617.5.1) |

Flood loads (1803.1.6, 1612)

| | |
|------------|----------------------------|
| <u>n/a</u> | Flood Hazard area (1612.3) |
| <u>n/a</u> | Elevation of structure |

Other loads

| | |
|------------|--|
| <u>n/a</u> | Concentrated loads (1607.4) |
| ↓ | Partition loads (1607.5) |
| ↓ | Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404) |



Certificate of Design

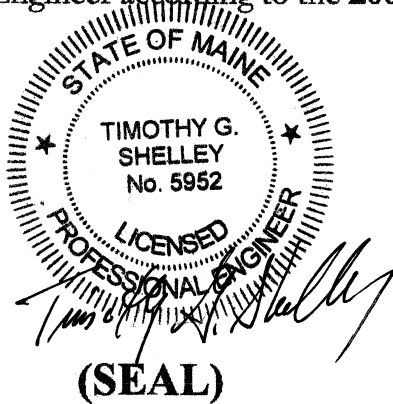
Date: 5/17/16

From: Shelley Engineering

These plans and / or specifications covering construction work on:

cutting 4 new openings in facade & installing windows
to match existing

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the **2009 International Building Code** and local amendments.



Signature: Timothy G. Shelley

Title: PRESIDENT

Firm: SHELLEY ENGINEERING, INC.

Address: P.O. Box 1030

GRANT, ME 04039

Phone: 657-8031

For more information or to download this form and other permit applications visit the Inspections Division on our website at www.portlandmaine.gov



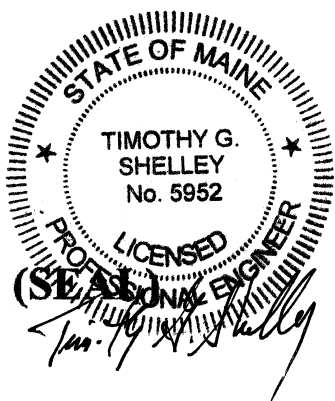
Accessibility Building Code Certificate

Designer: Shelley Engineering

Address of Project: 48 Free Street Portland ME 04101

Nature of Project: cutting 4 openings in facade and
installing windows to match existing

The technical submissions covering the proposed construction work as described above have been designed in compliance with applicable referenced standards found in the Maine Human Rights Law and Federal Americans with Disability Act. Residential Buildings with 4 units or more must conform to the Federal Fair Housing Accessibility Standards. Please provide proof of compliance if applicable.



Signature: Timothy G. Shelley

Title: PRESIDENT

Firm: SHELLEY ENGINEERING, INC.

Address: P.O. Box 1030
GRAY, ME 04039

Phone: 657-8031

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