General Building Permit Application

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

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/10/16

Address/Location of Construction: 70 Falmouth Street (Science Building)		
Total Square Footage of Proposed Structure: Note: 1630 sf = area of renovation	1630 sf	
Tax Assessor's Chart, Block & Lot Chart# Block# Lot#	**Applicant Name:** Mike Mahan Address 40 Cambridge St City, State & Zip Charlestown, MA 02129	Telephone: 617-309-6468 Email: michael.mahan@lbpa.com
Lessee/Owner Name: University of Maine (if different than applicant) Address: 107 Maine Ave City, State & Zip: Bangor, ME 04401 Telephone 207-780-4177 E-mail: nancyt@usm.maine.edu	**Contractor Name:** To be determined (if different from Applicant) Address: City, State & Zip: Telephone E-mail:	Cost of Work: $ 125,000 C of O Fee: $_____ Historic Rev $_____ Total **Fees: $** _____

Current Use (i.e. single family) OCCUPANCY GROUP B: COLLEGE/UNIVERSITY INSTRUCTIONAL BUILDING

If vacant, what was the previous use? NOT APPLICABLE

Proposed Specific use: NO CHANGE IN USE

Is property part of a subdivision? If yes, please Name NO

Project description:

Renovation of existing Laboratory A203 including removal and replacement of existing cabinets, work tables, ceiling, lights and floor finishes

Who should we contact when the permit is ready: MIKE MAHAN

Address: 40 Cambridge St

City, State & Zip: Charlestown, MA 02129

E-mail Address: michael.mahan@lbpa.com

Telephone: 617-698-2047

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: Michael T. Mahan **Date:** 3/14/2016

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

Portland, Maine — Yes. Life's good here.

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Department of Permitting and Inspections

Commercial Interior & Change of Use Permit Application Checklist

All of the following information is required and must be submitted. Checking off each item as you prepare your application package will ensure your package is complete and will help to expedite the permitting process.

One (1) complete set of construction drawings must include:

Note: Construction documents for costs in excess of $50,000.00 must be prepared by a Design Professional and bear their seal.

NOTE:
ITEMS INDICATED WITH NA ARE NOT APPLICABLE TO THIS INTERIOR RENOVATION PROJECT

- [NA] Cross sections w/framing details
- [✔] Detail of any new walls or permanent partitions
- [✔] Floor plans and elevations
- [✔] Window and door schedules
- [✔] Complete electrical and plumbing layout.
- [NA] Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment or other types of work that may require special review
- [NA] Insulation R-factors of walls, ceilings, floors & U-factors of windows as per the IEEC 2009
- [NA] Proof of ownership is required if it is inconsistent with the assessors records.
- [✔] Reduced plans or electronic files in PDF format are required if originals are larger than 11" x 17".
- [NA] Per State Fire Marshall, all new bathrooms must be ADA compliant.

Separate permits are required for internal and external plumbing, HVAC & electrical installations.

For additions less than 500 sq. ft. or that does not affect parking or traffic, a site plan exemption should be filed including:

- [NA] The shape and dimension of the lot, footprint of the existing and proposed structure and the distance from the actual property lines.
- [NA] Location and dimensions of parking areas and driveways, street spaces and building frontage.
- [NA] Dimensional floor plan of existing space and dimensional floor plan of proposed space.

A Minor Site Plan Review is required for any change of use between 5,000 and 10,000 sq. ft. (cumulatively within a 3-year period)

389 Congress Street * Portland Maine 04101-3509 * Phone: (207) 874-8703 * Fax: (207) 874-8716
http://www.portlandmaine.gov * E-Mail: buildinginspections@portlandmaine.gov

Portland, Maine — Yes. Life's good here.

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Department of Permitting and Inspections

Fire Department requirements.

The following shall be submitted on a separate sheet:

- ☑ Name, address and phone number of applicant **and** the project architect.
- ☑ Proposed use of structure (NFPA and IBC classification)
- ☑ Square footage of proposed structure (total and per story)
- ☑ Existing and proposed fire protection of structure.
- ☑ Separate plans shall be submitted for
  - a) Suppression system
  - b) Detection System (separate permit is required)
- ☑ A separate Life Safety Plan must include:
  - a) Fire resistance ratings of all means of egress
  - b) Travel distance from most remote point to exit discharge
  - c) Location of any required fire extinguishers
  - d) Location of emergency lighting
  - e) Location of exit signs
  - f) NFPA 101 code summary
- NA Elevators shall be sized to fit an 80" x 24" stretcher.

For questions on Fire Department requirements call the Fire Prevention Officer at (207) 874-8405.

Please submit all of the information outlined in this application checklist. If the application is incomplete, the application may be refused.

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

Permit Fee: $25.00 for the first $1000.00 construction cost, $15.00 per additional $1000.00 cost

This is not a Permit; you may not commence any work until the Permit is issued.

Portland, Maine | Yes. Life's good here.

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Department of Permitting and Inspections

Electronic Signature and Fee Payment Confirmation

Notice: Your electronic signature is considered a legal signature per state law.

By digitally signing the attached document(s), you are signifying your understanding this is a legal document and your electronic signature is considered a ***legal signature*** per Maine state law. You are also signifying your intent on paying your fees by the opportunities below.

1. Once the complete application package has been received by us, and entered into the system,
2. You will receive an e-mailed invoice from our office which signifies that your electronic permit application and corresponding paperwork have been entered, ready for payment, to begin the process.
3. You then have the following four (4) payment options:

☐ provide an on-line electronic check or credit/debit card (we accept American Express, Discover, VISA, and MasterCard) payment

☐ call the Inspections Office at (207) 874-8703 and speak to an administrative representative to provide a credit/debit card payment over the phone

☐ hand-deliver a payment method to the Inspections Office, Room 315, Portland City Hall,

☐ deliver a payment method through the U.S. Postal Service, at the following address:

City of Portland
Department of Permitting and Inspections
389 Congress Street, Room 315
Portland, Maine 04101

By Signing below, I understand the review process starts only once my payment has been received. After all approvals have been met and completed, I will then be issued my permit and it will be sent via e-mail. ***No work shall be started until I have received my permit.***

Applicant Signature: _____ Date: 3/14/2016

I have provided digital copies and sent them on: Date: 3/14/2016

NOTE: All electronic paperwork must be delivered to buildinginspections@portlandmaine.gov or by physical means ie; a thumb drive or CD to the office.

Certificate of Design Application

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/10/16

From Designer: Chris Drobat, Lavallee Brensinger Architects

Date: 3/14/2016

Job Name: Lab A203, Science Building

Address of Construction: 70 Falmouth Street, Portland ME 04101

2009 International Building Code

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

Building Code & Year IBC 2009 Use Group Classification (s) OCCUPANCY GROUP B: COLLEGE/ UNIVERSITY INSTRUCTIONAL BUILDING

Type of Construction EXISTING BUILDING: BOCA 1999 CONSTRUCTION TYPE IIB

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2009 IBC Existing building fully sprinklered

Is the Structure mixed use? No No If yes, separated or non separated or non separated (section 302.3) _____

Supervisory alarm System? Yes Geotechnical/Soils report required? (See Section 1802.2) No

Structural Design Calculations

Not applicable 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
Not applicable	

Wind loads (1603.1.4, 1609)

Not applicable Design option utilized (1609.1.1, 1609.6)

Not applicable Basic wind speed (1809.3)

Not applicable Building category and wind importance Factor, I_w table 1604.5, 1609.5)

Not applicable Wind exposure category (1609.4)

Not applicable Internal pressure coefficient (ASCE 7)

Not applicable Component and cladding pressures (1609.1.1, 1609.6.2.2)

Not applicable Main force wind pressures (7603.1.1, 1609.6.2.1)

Earth design data (1603.1.5, 1614-1623)

Not applicable Design option utilized (1614.1)

Not applicable Seismic use group ("Category")

Not applicable Spectral response coefficients, S_{Ds} & S_{D1} (1615.1)

Not applicable Site class (1615.1.5)

Not applicable Live load reduction

Not applicable Roof *live* loads (1603.1.2, 1607.11)

Not applicable Roof snow loads (1603.7.3, 1608)

Not applicable Ground snow load, P_g (1608.2)

Not applicable If P_g > 10 psf, flat-roof snow load P_f

Not applicable If P_g > 10 psf, snow exposure factor, C_e

Not applicable If P_g > 10 psf, snow load importance factor, I_s

Not applicable Roof thermal factor, C_t (1608.4)

Not applicable Sloped roof snowload, P_s (1608.4)

Not applicable Seismic design category (1616.3)

Not applicable Basic seismic force resisting system (1617.6.2)

Not applicable Response modification coefficient, R_f and deflection amplification factor C_d (1617.6.2)

Not applicable Analysis procedure (1616.6, 1617.5)

Not applicable Design base shear (1617.4, 16175.5.1)

Flood loads (1803.1.6, 1612)

Not applicable Flood Hazard area (1612.3)

Not applicable Elevation of structure

Other loads

Not applicable Concentrated loads (1607.4)

Not applicable Partition loads (1607.5)

Not applicable Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404

Accessibility Building Code Certificate

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/10/16

Designer: Chris Drobat, AIA, Lavallee Brensinger Architects

Address of Project: University of Southern Maine, 70 Falmouth Street, Portland, ME 04101

Nature of Project: Science Building Lab A203 Renovation

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.

LICENSED ARCHITECT
CHRISTOPHER J. DROBAT
3254
STATE OF MAINE

Signature:

Title: President

Firm: Lavallee Brensinger Architects

Address: 155 Dow Street, Suite 400
Manchester, NH 03101

Phone: 603-622-5450

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

Building Inspections Division • 389 Congress Street • Portland, Maine 04101 • (207) 874-8703 • FACSIMILE (207) 874-8716 • TTY (207) 874-8936

Certificate of Design

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 05/10/16

Date: 3/14/2016

From: Chris Drobat, AIA, Lavallee Brensinger Architects

These plans and / or specifications covering construction work on:

Science Building Lab A203 Renovation

University of Southern Maine Portland Campus

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

LICENSED ARCHITECT
CHRISTOPHER J. DROBAT
3254
STATE OF MAINE

Signature:

Title: President

Firm: Lavallee Brensinger Architects

Address: 155 Dow Street, Suite 400

Manchester, NH 03101

Phone: 603-622-5450

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