



UNIVERSITY OF  
**SOUTHERN MAINE**  
Facilities Management

**TO:** Inspections Division  
City of Portland  
389 Congress Street  
Portland, ME 04101

Date: October 2, 2007      We Transmit:  
Project No.: 2005-014.04       Attached       Under Separate Cover via \_\_\_\_\_  
Attention: Mike Nugent      The Following:  
Re: University Commons,       Drawings       Copy of Letter       Specifications  
Osher Map Library       Samples       Shop Drawing       Change Order  
CBL: 114-D-023       Other: Reports, Application, Check

Copies	Date	Drawing No.	Description
1	9/27/07	1 full size set	<b>Osher Map Library &amp; Glickman Family Library Permit Drawing Set</b>
1	9/27/07	1 half size set	<b>Osher Map Library &amp; Glickman Family Library Permit Drawing Set</b>
1	10/2/07	9 sheets	<b>General Building Permit Application</b>
1	9/28/07		<b>Check for \$12,000</b>
1	9/27/07	11 pages	<b>Haley &amp; Aldrich Geotechnical Design Recommendations</b>
1	10/23/06	27 pages	<b>Haley &amp; Aldrich Geotechnical Data Report</b>

Transmitted as checked:

- For approval       No exception taken       For review and comment  
 For your use       Make corrections noted       Revise and submit  
 As requested       Rejected       Prints returned after loan to us  
 Other **FOR BUILDING PERMIT**

Remarks: Mike,  
The original University Commons permit application (for The Wishcamper Center) included the cost of this project. Since then, this project has grown, thus the additional permit check.  
Please call me at 228-8124 with any questions. We hope to start construction on 11/7/07. THANKS!

Copy to: file

From: Carol Potter

# 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.

Location/Address of Construction: 53, 60, 63, 65 Winslow & 20 Bedford		
Total Square Footage of Proposed Structure 59,000 (Wishcamper) + 22,000 (OML) = 81,000 sf		Square Footage of Lot 189,189 sf
Tax Assessor's Chart, Block & Lot Chart#                      Block#                      Lot#	see attached	Owner: University of Maine System 16 Central Street Bangor, ME 04401
Telephone:	207 973 3200	
Lessee/Buyer's Name (If Applicable)	Applicant name, address & telephone: Carol Potter, Univ. of Southern Maine 25 Bedford Street Portland, ME 04101 207 228 8124	Cost Of Work: \$ <u>19,950,000</u> Fee: <u>\$199,520</u> Fee rec'd: <u>\$187,520</u> Fee due: <u>\$12,000</u> C of O Fee: \$ _____
<p>Current Specific use: <u>vacant</u></p> <p>If vacant, what was the previous use? <u>Eastern Electrical Corp., electrical contractor's office and warehouse space</u></p> <p>Proposed Specific use: <u>High security vault storage, assembly space, offices.</u></p> <p>Project description: Addition of 8,000 sf to 1<sup>st</sup> floor consisting of assembly and office space for Osher Map Library and new entrance for Glickman Library. Addition of 2<sup>nd</sup> and 3<sup>rd</sup> floors, about 4,500 sf each, for high security vault storage. About 5,000 sf of renovation to 1<sup>st</sup> floor Osher Map Library.</p>		
<p>Contractor's name, address &amp; telephone: <u>Wright-Ryan Construction, Inc., 10 Danforth Street, Portland, ME 04101</u> <u>Pat Richter, Project Manager, 773-3625</u></p> <p>Who should we contact when the permit is ready: <u>Carol Potter</u></p> <p>Mailing address: <u>University of Southern Maine, 25 Bedford Street, Portland, ME 04101</u> Phone: <u>228-8124</u></p>		

Please submit all of the information outlined in the Commercial Application 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 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](http://www.portlandmaine.gov), or stop by the Inspections Division 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 of applicant: <u>Carol Potter</u>	Date: <u>10-2-07</u>
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This is not a permit; you may not commence ANY work until the permit is issued.

# City of Portland General Building Permit Application Attachment

## University Commons

Tax Assessor's Chart, Block & Lot			Property Owner's name & address	Telephone #
<u>Chart #</u>	<u>Block #</u>	<u>Lot #</u>		
114	A	4	University of Maine System	207 973 3200
114	B	2	16 Central Street	
114	D	5	Bangor, ME 04401	
114	B	1	University of Southern Maine	207 780 4708
114	C	1	Foundation	
114	C	2	P. O. Box 9300	
114	D	1	Portland, ME 04104-9300	
114	D	21		
114	D	22		
114	D	23		



# Certificate of Design Application

From Designer: Koetter Kim & Associates  
 Date: September 13, 2007  
 Job Name: Osher Map Library & Glickman Family Library  
 Address of Construction: 53, 60, 63, 65 WINSLOW + 20 BEDFORD

## 2003 International Building Code

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

Building Code & Year IBC 2003 Use Group Classification (s) A.3, B 5.1  
 Type of Construction 1B  
 Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC yes  
 Is the Structure mixed use? yes If yes, separated or non separated or non separated (section 302.3) \_\_\_\_\_  
 Supervisory alarm System? yes Geotechnical/Soils report required? (See Section 1802.2) yes, provided

### 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
Typical Floor	100 PSF
Compact Storage	250 PSF

### Wind loads (1603.1.4, 1609)

Calculated using ASCE 7 Design option utilized (1609.1.1, 1609.6)

100 MPH Basic wind speed (1809.3)

category III, 1.15 Building category and wind importance Factor,  $I_w$  (table 1604.5, 1609.5)

C Wind exposure category (1609.4)

+/- 0.18 Internal pressure coefficient (ASCE 7)

Calculated Component and cladding pressures (1609.1.1, 1609.6.2.2)

Calculated Main force wind pressures (7603.1.1, 1609.6.2.1)

### Earth design data (1603.1.5, 1614-1623)

Calculated using ASCE 7 Design option utilized (1614.1)

Use Group 2 Seismic use group ("Category")

Sds=.374, Sd1=.16 Spectral response coefficients,  $S_D$ s &  $S_{D1}$  (1615.1)

Site Class D Site class (1615.1.5)

not reduced for floor Live load reduction

n/a Roof live loads (1603.1.2, 1607.11)

as indicated Roof snow loads (1603.7.3, 1608)

60 PSF Ground snow load,  $P_g$  (1608.2)

46 PSF If  $P_g > 10$  psf, flat-roof snow load  $P_f$

1.0 If  $P_g > 10$  psf, snow exposure factor,  $C_e$

1.10 If  $P_g > 10$  psf, snow load importance factor,  $I_s$

1.0 Roof thermal factor,  $C_t$  (1608.4)

n/a Sloped roof snowload,  $P_s$  (1608.4)

C Seismic design category (1616.3)

8 Steel Str. Not Spec. Dtd. Basic seismic force resisting system (1617.6.2)

R=3, Dc=3 Response modification coefficient,  $R$ , and

deflection amplification factor,  $C_d$  (1617.6.2)

Equiv. Lateral Force Analysis procedure (1616.6, 1617.5)

V=.116W Design base shear (1617.4, 1617.5.1)

### Flood loads (1803.1.6, 1612)

N/A Flood Hazard area (1612.3)

\_\_\_\_\_ Elevation of structure

### Other loads

\_\_\_\_\_

\_\_\_\_\_

N/A Misc. loads (Table 1607.8, 1607.6.1, 1607.7, 1607.12, 1607.13, 1610, 1611, 2404)



# New Commercial 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.

- Cross sections w/framing details
- Detail of any new walls or permanent partitions
- Floor plans and elevations
- Window and door schedules
- Foundation plans with rebar specifications and required drainage and damp proofing (if applicable)
- Detail egress requirements and fire separations
- Insulation R-factors of walls, ceilings, floors and U-factors of windows as per the IECC 2003
- Complete the Accessibility Certificate and The Certificate of Design
- A statement of special inspections as required per the IBC 2003
- Complete electrical and plumbing layout.
- Mechanical drawings for any specialized equipment such as furnaces, chimneys, gas equipment, HVAC equipment (air handling) or other types of work that may require special review.
- Reduced plans or electronic files in PDF format are required if originals are larger than 11" x 17".
- Per State Fire Marshall, all new bathrooms must be ADA compliant.

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

Nine (9) copies of the minor (< 10,000 sf) or major (> 10,000 sf) site plan application is required that includes:

- A stamped boundary survey to scale showing north arrow, zoning district and setbacks to a scale of > 1" = 20' on paper > 11" x 17"
- The shape and dimension of the lot, footprint of the proposed structure and the distance from the actual property lines. Photocopies of the plat or hand draw footprints not to scale will not be accepted.
- Location and dimensions of parking areas and driveways, street spaces and building frontage
- Finish floor or sill elevation (based on mean sea level datum)
- Location and size of both existing utilities in the street and the proposed utilities serving the building
- Existing and proposed grade contours
- Silt fence (erosion control) locations



# Accessibility Building Code Certificate

Designer: Koetter Kim & Associates

Address of Project: 53, 60, 63, 65 Winslow & 20 Bedford

Nature of Project: Archival storage, offices and a classroom

\_\_\_\_\_

\_\_\_\_\_

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.

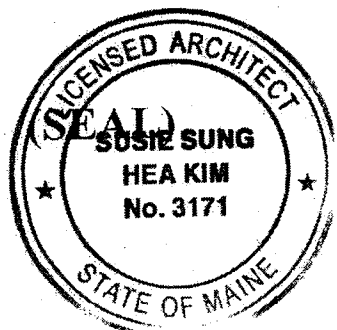
Signature: *Susie Kim*

Title Principal

Firm: Koetter kim & Associates

Address: 356 Boylston Street  
Boston, MA 02116

Phone: 617-536-8560



For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)



## Certificate of Design

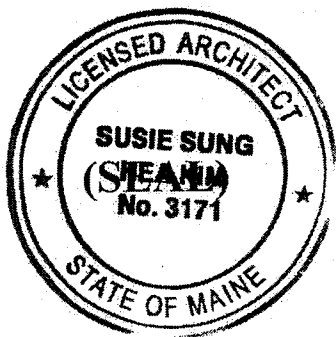
Date: September 20, 2007

From: Koetter Kim & Associates

These plans and / or specifications covering construction work on:

Osher Map Library Expansion, University of Southern Maine, Portland, ME

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the *2003 International Building Code* and local amendments.



Signature: Susie Kim

Title: Principal

Firm: Koetter Kim & Associates

Address: 356 Boylston Street

Boston, MA 02116

Phone: 617-536-8560

For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)



# Certificate of Design

Date: September 18, 2007

From: Weidlinger Associates, Inc.

These plans and / or specifications covering <sup>Structural</sup> construction work on:  
Osher Map Library Expansion, University of Southern Maine, Portland, ME

Have been designed and drawn up by the undersigned, a Maine registered ~~Architect /~~ Engineer according to the *2003 International Building Code* and local amendments.



(SEAL)

Signature: Stephen Lew

Title: Principal

Firm: Weidlinger Associates, Inc.

Address: 201 Broadway, 4th Floor

Cambridge, MA 02139

Phone: 617-374-0000

For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)





## Certificate of Design

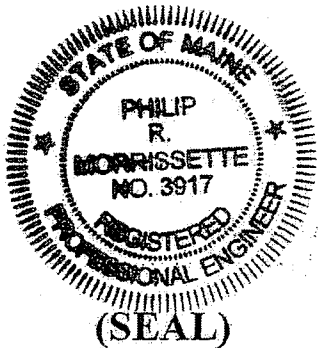
Date: SEPTEMBER 26, 2007

From: PHILIP MORRISSETTE

These plans and / or specifications covering construction work on:

OSHER MAP LIBRARY + GLICK FAMILY LIBRARY

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the *2003 International Building Code* and local amendments.



Signature: [Handwritten Signature]

Title: PRINCIPAL E, SENIOR ELECTRICAL ENG.

Firm: HARRIMAN ASSOCIATES

Address: ONE AUBURN BUSINESS PARK

AUBURN, MAINE 04210

Phone: 207-794-5100

For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)



## Certificate of Design

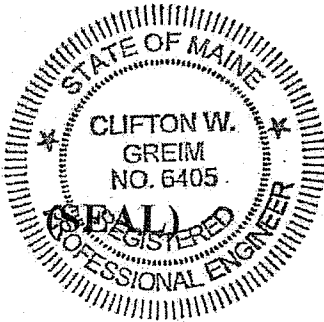
Date: SEPTEMBER 26, 2007

From: CLIFTON W. GREIM

These plans and / or specifications covering construction work on:

OSTER MAP LIBRARY of GLICKMAN FAMILY  
LIBRARY - MECHANICAL, PLUMBING AND FIRE PROTECTION

Have been designed and drawn up by the undersigned, a Maine registered Architect / Engineer according to the *2003 International Building Code* and local amendments.



Signature: *Clifton W. Greim*

Title: PRINCIPAL, SENIOR MECHANICAL ENGR.

Firm: HARRIMAN ASSOCIATES

Address: ONE AUBURN BUSINESS PARK

AUBURN, MAINE 04210

Phone: 207-784-5100

For more information or to download this form and other permit applications visit the Inspections Division on our website at [www.portlandmaine.gov](http://www.portlandmaine.gov)

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AM -  
01-2 Agreement