

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that UNIVERSITY OF SOUTHERN MAINE

Located At 71 BEDFORD ST

Job ID: 2011-09-2151-ALTCOMM

CBL: 114 - A - A - 001 - - - - -

has permission to Do interior renovations on the 2nd floor of the Glickman Library including 6 group study rooms provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statutes 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

Sam Bank 9/14/11
Code Enforcement Officer / Plan Reviewer

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

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/Framing prior to insulation or drywall
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 OCCUOPIED.



PORTLAND MAINE

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

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-09-2151-ALTCOMM

Located At: 71 BEDFORD

CBL: 114 - A - A - 001 - 001 - - - -

Conditions of Approval:

Fire

1. All construction shall comply with City Code Chapter 10.
2. This permit is being approved on the basis of the plans submitted. Any deviation from the plans would require amendments and approval.
3. The Fire alarm and Sprinkler systems shall be reviewed by a licensed contractor[s] for code compliance. Compliance letters are required.
4. A separate Fire Alarm Permit is required for new systems; or for work effecting more than 5 fire alarm devices; or replacement of a fire alarm panel with a different model.
5. Fire Alarm system shall be maintained. If system is to be off line over 4 hours a fire watch shall be in place. Dispatch notification required 874-8576.
6. The fire alarm system shall comply with the City of Portland Standard for Signaling Systems for the Protection of Life and Property. All fire alarm installation and servicing companies shall have a Certificate of Fitness from the Fire Department.
7. A separate Suppression System Permit is required for all new suppression systems or sprinkler work effecting more than 20 heads.
8. Sprinkler protection shall be maintained. Where the system is to be shut down for maintenance or repair, the system shall be checked at the end of each day to insure the system has been placed back in service.
9. Fire extinguishers are required per NFPA 10.
10. Emergency lights and exit signs are required. Emergency lights and exit signs are required to be labeled in relation to the panel and circuit and on the same circuit as the lighting for the area they serve.
11. Any cutting and welding done will require a Hot Work Permit from Fire Department.
12. Walls in structure are to be labeled according to fire resistance rating. IE; 1 hr. / 2 hr. / smoke proof.
13. A single source supplier should be used for all through penetrations.

Building

1. Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.
2. All penetrations through rated assemblies must be protected by an approved firestop system installed in accordance with ASTM E 814 or UL 1479, per IBC 2009 Section 713.
3. Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.



General Building Permit Application

B-2
USM
overlaid

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: <u>UNIVERSITY OF SOUTHERN MAINE GLICKMAN LIBRARY, 314 FOREST AVENUE</u>		
Total Square Footage of Proposed Structure/Area <u>1,500 SF RENOVATION TO EXISTING</u>	Square Footage of Lot <u>N/A - INTERIOR RENOVATION</u>	
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>114 D 5</u> <u>114 - A - 001</u>	Applicant *must be owner, Lessee or Buyer* Name <u>UNIVERSITY OF SOUTHERN ME DANA GRAY</u> Address <u>25 BEDFORD ST</u> City, State & Zip <u>PORTLAND, ME 04104</u>	Telephone: <u>780-4160</u>
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: \$ <u>150,000</u> C of O Fee: \$ _____ Total Fee: \$ <u>1,520</u>
Current legal use (i.e. single family) <u>ASSEMBLY / LIBRARY</u> If vacant, what was the previous use? _____ Proposed Specific use: <u>NO CHANGE</u> Is property part of a subdivision? _____ If yes, please name _____ Project description: <u>INTERIOR RENOVATION CONSISTING OF THE CREATION OF 6 GROUP STUDY ROOMS AND INTERIOR FINISH UPGRADES TO THE 2ND FLOOR OF THE LIBRARY</u>		
Contractor's name: <u>N/A</u> Address: _____ City, State & Zip _____ Telephone: _____ Who should we contact when the permit is ready: _____ 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 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.

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: [Signature] Date: 8-24-11

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

RECEIVED
Dept of Planning
City of Portland

HARRIMAN

Harriman | Auburn Business Park 46 Harriman Drive Auburn, Maine 04210 United States

Transmittal**ID:** 00013**Date Sent:** 8/29/2011**Project:** USM Learning Commons Study**Number:** 11103**To:** Lannie Dobson
City of Portland
389 Congress Street
Room 315
Portland, ME 04101**From:** Mark Lee
Harriman
Auburn Business Park
46 Harriman Drive
Auburn, Maine 04210
United States
207-784-5100 (Phone)
207-782-3017 (Fax)**Subject:** Permit Application Plans**Via:** Ground UPS**Purpose:** For your approval**Remarks:** Lannie,

Here are the full size plans as we discussed on the phone.

Thank you for you help with this.

-Mark

CC:**Description of Contents**

Quantity	Dated	Description
1	--	Full Size Set of Construction Drawings

HARRIMAN

Harriman | Auburn Business Park 46 Harriman Drive Auburn, Maine 04210 United States

Transmittal**ID:** 00009**Date Sent:** 8/25/2011

Project: USM Learning Commons Study
Number: 11103

To: Planning and Development Department
City of Portland
389 Congress Street
Portland, Maine 04101

From: Mark Lee
Harriman
Auburn Business Park
46 Harriman Drive
Auburn, Maine 04210
United States
207-784-5100 (Phone)
207-782-3017 (Fax)

Subject: General Building Permit Application
Via: Ground UPS
Purpose: For your approval
Remarks:
CC:

Description of Contents

Quantity	Dated	Description
1	--	General Building Permit Application
1	--	Compact Disk with Electronic Documents
1	--	Check for cost of permit fee (\$1,520)



Certificate of Design Application

From Designer: ROBERT C. KLINEDINST, JR. DIA / HARRIMAN
 Date: AUGUST 23, 2011
 Job Name: USM LEARNING COMMONS RENOVATION - GLICKMAN LIBRARY
 Address of Construction: USM GLICKMAN LIBRARY / 314 FOREST AVENUE

2003 International Building Code

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

Building Code & Year 2009 IBC Use Group Classification (s) A3 ASSEMBLY / LIBRARY

Type of Construction IB

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2003 IRC N/A, COMPLIES WITH IBC/NFPA

Is the Structure mixed use? 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) _____

INTERIOR RENOVATION

Structural Design Calculations

N/A 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

Wind loads (1603.1.4, 1609)

- _____ Design option utilized (1609.1.1, 1609.6)
- _____ Basic wind speed (1809.3)
- _____ Building category and wind importance Factor, 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)

- _____ Design option utilized (1614.1)
- _____ Seismic use group ("Category")
- _____ Spectral response coefficients, S_D & S_1 (1615.1)
- _____ Site class (1615.1.5)

- _____ 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 , 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)

- _____ Flood Hazard area (1612.3)
- _____ Elevation of structure

Other loads

- _____ 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)

**City of Portland General Building Permit Application
Fire Department Requirements***Name of Applicant:*

University of Southern Maine
Dana Gray, Director of Engineering and Architectural Services
25 Bedford Street, Portland, ME 04104

Name of Architect:

Robert C. Klinedinst Jr., AIA
Harriman
46 Harriman Drive
Auburn, ME 04210

Proposed use of structure:

Library
Existing Assembly Occupancy (NFPA 101 Chapter 13)
A-3 Assembly (IBC)

Square footage of proposed structure (total and per story):

1,500 SF interior renovation to 2nd floor of existing structure

Basement	13,500
1 st Floor:	21,650
2 nd Floor:	18,550
3 rd Floor:	18,800
4 th Floor:	13,500
5 th Floor:	13,500
6 th Floor:	13,500
7 th Floor:	13,500
Total:	126,500

Existing and proposed fire protection of structure:

Supervised automatic sprinkler system in accordance with NFPA 13.3.5 and 9.7
Fire alarm system in accordance with NFPA 13.3.4 and 9.6

See included Life Safety Plan for the following items:

- Fire Resistance ratings of all Means of Egress
- Travel Distance from most remote point to exit discharge
- Location of any required fire extinguishers
- Location of emergency Lighting
- Location of exit signs
- NFPA 101 code summary

No.	11600
Date	

UNIVERSITY OF SOUTHERN MAINE LEARNING COMMONS RENOVATIONS	
No.	11600
Date	
Drawn: [blank] Checked: [blank]	
Reviewed: [blank]	

REVIEW

**CODE PLAN
(2ND FLOOR)**

No. of Pl. BCC: Issues to: BCC:
A01.2

NFPA CODE SUMMARY

BUILDING DESIGN CODES:
AMERICANS WITH DISABILITIES ACT (ADA)
NFPA 101: LIFE SAFETY CODE / 2006
INTERNATIONAL BUILDING CODE / 2009
INTERNATIONAL MECHANICAL CODE / 2009
ASHRAE / IEA STANDARD 90.1 - 2004
NFPA 70: NATIONAL ELECTRIC CODE / 2008

OCCUPANCY CLASSIFICATION:
NFPA:
EXISTING ASSEMBLY (CHAPTER 13)
IBC:
ASSEMBLY A3 (LIBRARY)

CONSTRUCTION TYPE:
NFPA: TYPE I (000)
IBC: TYPE IB

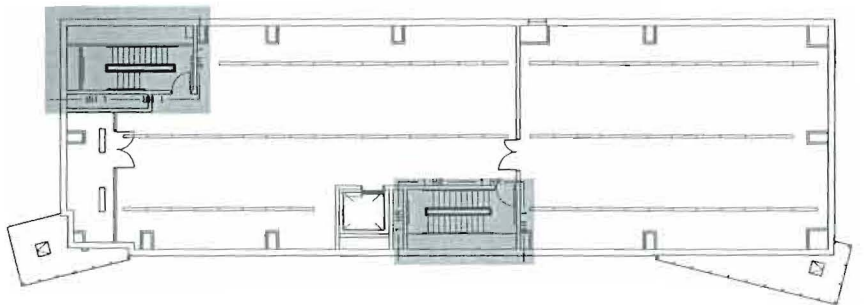
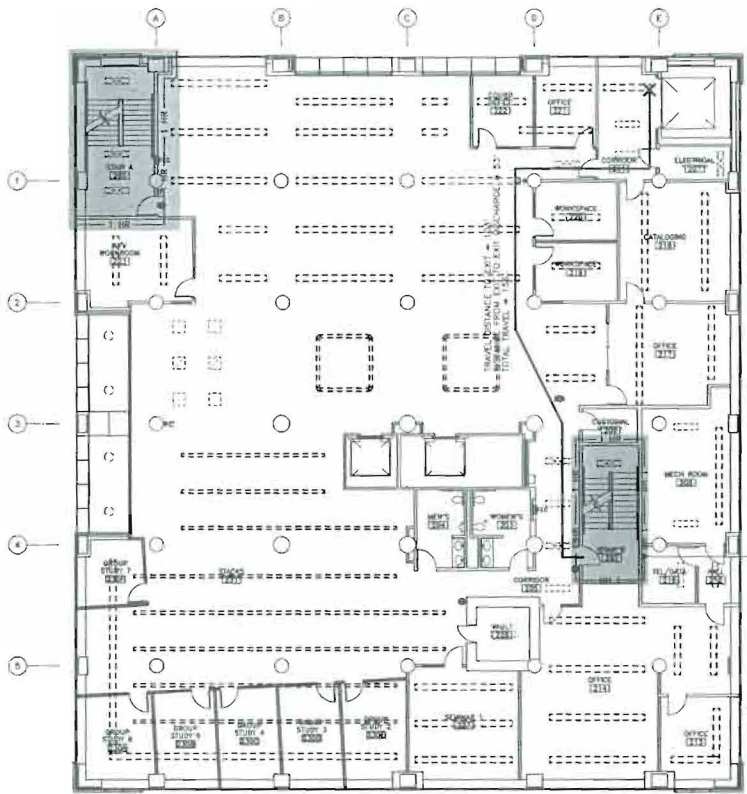
NUMBER OF STORIES:
BASEMENT: 13,500 SF
FIRST: 21,650 SF
SECOND: 18,550 SF
THIRD: 18,500 SF
FOURTH: 13,500 SF
FIFTH: 13,500 SF
SIX: 13,500 SF
SEVENTH: 13,500 SF
TOTAL: 128,500 SF

FIRE SUPPRESSION:
FULLY SPRINKLERED WITH SUPERVISED SYSTEM

OCCUPANT LOADS:
OFFICE: 100 SF GROSS
LIBRARY:
STACKS: 100 SF GROSS
READING AREA: 50 SF NET
CLASSROOM: 20 SF NET
MECHANICAL / STORAGE: 300 SF GROSS

MEANS OF EGRESS:
MAX TRAVEL DISTANCE: 250'-0" (NFPA)
DEAD END CORRIDOR: 20'-0"
COMMON PATH OF TRAVEL: 75'-0" DL<50, 20'-0" DL>50
MIN CORRIDOR WIDTH: 44" DL>50
EXIT CAPACITY (STAIRS) 0.3 / OCCUPANT
(LEVEL COMPONENTS) 0.2 / OCCUPANT

- CODE SUMMARY LEGEND**
- CEILING SCHEDULE EXP. SIGN
 - WALL SCHEDULE EXP. SIGN
 - FIRE EXTINGUISHER
 - ▧ FIRE EXTINGUISHER CABINET
 - ▩ FIRE ALARM MANUAL PULL STATION
 - 1-WAY
 - 2-WAY
 - 3-WAY
 - 4-WAY
 - 5-WAY
 - 6-WAY
 - 7-WAY
 - 8-WAY
 - 9-WAY
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 - 29-WAY
 - 30-WAY





Accessibility Building Code Certificate

Designer: ROBERT C. KLINEDINST, JR AIA / HARRIMAN
 Address of Project: USM GUCKMAN LIBRARY, ³¹⁴ FOREST AVENUE
 Nature of Project: INTERIOR RENOVATION CONSISTING OF THE
 CREATION OF 6 GROUP STUDY ROOMS AND
 INTERIOR FINISH UPGRADES TO THE 2ND FLOOR
 OF THE LIBRARY

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:
 Title: PRINCIPAL
 Firm: HARRIMAN
 Address: 46 HARRIMAN DR.
ARUNN ME 04210
 Phone: 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



Certificate of Design

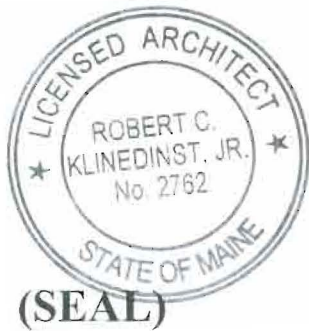
Date: AUGUST 23, 2011

From: ROBERT C. KLINEDINST JR, AIA/HARRIMAN

These plans and / or specifications covering construction work on:

USM LEARNING COMMONS RENOVATION - GLICKMAN 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: PKI

Title: PRINCIPAL

Firm: HARRIMAN

Address: 46 HARRIMAN DR.

AUBURN ME 04274

Phone: 784-5100

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