

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND BUILDING PERMIT

This is to certify that FAVREAU'S ELECTRIC  
of PO Box 598, Brunswick, ME 04011

For installation at 714 STEVENS AVE (20 COLLEGE ST)  
UNE - Goddard Hall

Job ID: 2011-04-753-ALTCOMM

CBL: 145-A-003-001

has permission to install a master box fire alarm system  
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.

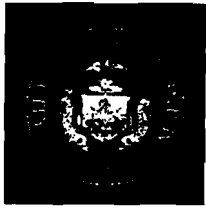
Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED

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

  
Code Enforcement Officer / Plan Reviewer

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



# PORTLAND MAINE

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Director of Planning and Urban Development  
Penny St. Louis

**Job ID: 2011-04-753-ALTCOMM**  
**Install a master box fire alarm**  
**system**

**For installation at:**  
**714 STEVENS AVE (20 College)**  
**UNE – Goddard Hall**

**CBL: 145- A-003-001**

## **Conditions of Approval:**

### **Fire**

Proper separation shall be provided between Goddard Hall and Hersey Hall, and the new fire alarm system shall not be tied into the old fire alarm system for Hersey Hall. The new system shall control the door holders between the two buildings.

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.

In field installation shall be installed per code as conditions dictate. Strobes placement shall meet the spacing requirements of NFPA 72.

Records cabinet, FACP, annunciator(s), and pull stations shall be keyed alike.

Central Station monitoring for addressable fire alarm systems shall be by point.

All fire alarm records required by NFPA 72 should be stored in an approved cabinet located at the FACP labeled "FIRE ALARM RECORDS".

Installation of a Fire Alarm system requires a model 4100 Knox Box to be installed.

The fire alarm system shall be certified by a master fire alarm company and have a new fire alarm inspection sticker.

System acceptance and commissioning must be coordinated with alarm and suppression system contractors and the Fire Department. Call 874-8703 to schedule.

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.

Fire alarm system requires a wireless master box connection per city ordinance. Masterbox design and installation shall be as approved by City Electrical Division.

AES Zones shall be:

Zone 1: Water Flow

Zone 2: City Disconnect – Water Flow

Zone 3: Pulls and Detectors

Zone 4: City Disconnect - Pulls and Detectors

Zone 8: AES supervisory switch

Master Box Approval

Applicant: RB Allen

App Phone #: 207-657-2457

Building Name: UNE - Goddard Hall

Building Address: 20 College St

Occupancy: College  
Assembly OL>300, 20 unit apartment building, etc.

Emergency Contact: UNE Security

Emergency phone #: 207-602-2298

Date of Application: 10/25/11

Billing Address: 716 Stevens Ave  
Portland, ME 04103

Comments:

Applicant completes red box and submits with Fire Alarm Permit

1

FIRE PREVENTION:

Approved

Denied

10 / 25 / 11  
Date

*B. J. Wallace*  
Fire Prevention Officer

Zone 1: Water flow

Zone 2: City disconnect - Water Flow

Zone 3: Pulls and detectors

Zone 4: City disconnect - Pulls and Detectors

Zone 5: Unassigned

Zone 6: Unassigned

Zone 7: Unassigned

Zone 8: AES Tamper switch

Modify City Box response to alarm sounding in CAD:  YES  NO

2

FIRE ALARM:

Box #: \_\_\_\_\_

ELECTRICAL DIVISION:  Approved

Denied

Box Type: AES Radio Box /  
New Other

3

Test Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ In Service Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Fire Alarm Technician

AES

Circuit if applicable: \_\_\_\_\_

4

FIRE ALARM: Same Running Assignment As Box: \_\_\_\_\_

Notifications:  All Stations  Run Books  Digitizer  Computer  Cad Box Test

South Portland  \_\_\_\_\_  
Other Dispatcher

5

BILLING:  Entered \_\_\_\_\_  
Financial Officer

# City of Portland, Maine - Building or Use Permit Application

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

Job No: 2011-04-753-ALTCOMM 2011-11492-fire alarm	Date Applied: 10/19/2011	CBL: 145- A-003-001	
Location of Construction: 714 STEVENS AVE (UNE - Goddard Hall)	Owner Name: SEMINARY & JUNIOR WESTBROOK	Owner Address: 716 STEVENS AVE  PORTLAND, ME 04103	Phone:
Business Name:	Contractor Name: Favreau Electric	Contractor Address: 37 Jordan Ave., Brunswick, ME 04011	Phone:  (207) 725-2005
Lessee/Buyer's Name:	Phone:	Permit Type: BLDG - fire alarm	Zone:  R-5
Past Use:  University Of New England- Goddard Hall	Proposed Use:  Same - Goddard Hall - install a fire alarm	Cost of Work: 478000.00	CEO District:
		Fire Dept:  <input checked="" type="checkbox"/> Approved w/ conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: Type:
		Signature: <i>B. J. Favreau</i> (58)	Signature:
Proposed Project Description: UNE Goddard Hall 714 Stevens Ave		Pedestrian Activities District (P.A.D.)	
Permit Taken By:		<b>Zoning Approval</b>	

<p>1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.</p> <p>2. Building Permits do not include plumbing, septic or electrical work.</p> <p>3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work.</p>	<b>Special Zone or Reviews</b> <input type="checkbox"/> Shoreland <input type="checkbox"/> Wetlands <input type="checkbox"/> Flood Zone <input type="checkbox"/> Subdivision <input type="checkbox"/> Site Plan  <input type="checkbox"/> Maj <input type="checkbox"/> Min <input type="checkbox"/> MM Date: <i>OK</i> <i>10/25/11</i> <i>ABM</i>	<b>Zoning Appeal</b> <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:	<b>Historic Preservation</b> <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: <i>ABM</i>
	<b>CERTIFICATION</b>		

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

Goddard Hall

Job 2011-09-753

2011-11472

E-5



# Fire Alarm Permit

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

Installation address: 716 Stevens avenue CBL: 145 A003

Exact location: (within structure) front lobby

Type of occupancy(s) (NFPA & ICC): \_\_\_\_\_

Building owner: UNIVERSITY OF NEW ENGLAND

System Designer (point of contact): Must be RB ALLEN cert. of fitness number #M1015

Designer phone: 207-657-2457 E-mail: timbiron@maine.rr.com

Installing contractor: FAVREAU ELECTRIC Certificate of Fitness No: W1141

Contractor phone: 207-725-2005 E-mail: tobiek@favreau-electric.com

This is a new application: YES  NO

This is an amendment to an existing permit: YES  NO  Permit no: \_\_\_\_\_

The following documents shall be provided with this application:

- Floor plans
- Wiring diagram
- Annunciator details
- Equipment data sheets
- Battery & voltage drop calculations
- Input/ Output Matrix
- Designer qualifications
- Electrical Permit Pulled (check alarm/com)

COST OF WORK: \$9900

PERMIT FEE: \$120  
(\$10 PER \$1,000 + \$30 FOR THE FIRST \$1,000)

**RECEIVED**

OCT 19 2011

Dept. of Building Inspections  
City of Portland Maine

The designer shall be the responsible party for this application. Download a new copy of this application at [www.portlandmaine.gov/fire](http://www.portlandmaine.gov/fire) for every submittal. Submit all plans in electronic PDF in addition to full sized plans to the Building Inspections Department, 389 Congress Street, Room 315, Portland, Maine 04101.

Prior to acceptance of any fire alarm system, a complete commissioning and acceptance test must be coordinated with all fire system contractors and the Fire Department, and proper documentation of such test(s) provided.

All installation(s) must comply with the *City of Portland Technical Standard for Signaling Systems for the Protection of Life and Property*, available at [www.portlandmaine.gov/fire](http://www.portlandmaine.gov/fire).

Applicant signature: [Signature] Date: 10-18-11

# ELECTRICAL PERMIT

## City of Portland, Me.



#24112  
C - MISC.  
Date 4-25-11  
Permit # \_\_\_\_\_  
CBL# 145-A-3-

To the Chief Electrical Inspector, Portland Maine:  
The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of Maine, the City of Portland Electrical Ordinance, National Electrical Code and the following specifications:

LOCATION: 710 STEVENS AVE. METER MAKE & # \_\_\_\_\_  
CMP ACCOUNT # \_\_\_\_\_ OWNER UNIVERSITY OF NEW ENGLAND  
TENANT \_\_\_\_\_ PHONE # 707-602-2000

							TOTAL EACH FEE		
OUTLETS	<u>201</u>	Receptacles	<u>66</u>	Switches		Smoke Detector	.20	<u>53.40</u>	
FIXTURES		Incandescent	<u>250</u>	Fluorescent		Strips	.20	<u>50.00</u>	
SERVICES		Overhead		Underground		TTL AMPS <800	15.00		
		Overhead		Underground		TTL AMPS >800	25.00		
Temporary Service		Overhead		Underground		TTL AMPS	25.00		
							25.00		
METERS		(number of)					1.00		
MOTORS		(number of)	<u>47</u>				2.00	<u>94.00</u>	
RESID/COM		Electric units					1.00		
HEATING		oil/gas units	<u>1</u>	Interior		Exterior	5.00	<u>5.00</u>	
APPLIANCES		Ranges		Cook Tops		Wall Ovens	2.00		
		Insta-Hot		Water heaters		Fans	2.00		
		Dryers		Disposals		Dishwasher	2.00		
		Compactors		Spa		Washing Machine	2.00		
		Others (denote)					2.00		
	MISC. (number of)		Air Cond/win				Pools	3.00	
			Air Cond/cent				Thermostats	10.00	
	HVAC		EMS			APR 27 2011	5.00		
	Signs						10.00		
	Alarms/res						5.00		
	Alarms/com						15.00		
	Heavy Duty (CRKT)						2.00		
	Circus/Carnv						25.00		
	Alterations						5.00		
	Fire Repairs						15.00		
	<u>26</u>	E Lights					1.00	<u>26.00</u>	
		E Generators					20.00		
PANELS		Service		Remote		Main	4.00		
TRANSFORMER		0-25 Kva					5.00		
		25-200 Kva					8.00		
		Over 200 Kva					10.00		
TOTAL AMOUNT DUE								<u>\$ 228.40</u>	
MINIMUM FEE/COMMERCIAL 55.00							MINIMUM FEE	45.00	

RECEIVED  
Dept. of Building Inspections  
City of Portland Maine

CONTRACTORS NAME FAVREAU ELECTRIC MASTER LIC. # MC 60015869  
ADDRESS 37 JORDAN AVE. BRUNSWICK ME LIMITED LIC. # \_\_\_\_\_  
TELEPHONE 207-725-2005

SIGNATURE OF CONTRACTOR [Signature]

## Tobie Kay

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**From:** TIM BIRON [Timbiron@rballen.com]

**Sent:** Monday, October 17, 2011 5:58 PM

**To:** Tobie Kay; 'Brian Coffin'

**Subject:** UNE GODDARD

**Attachments:** UNE Goddard IF602 battery.pdf; DWG 121 REV B Goddard.dwg; firealarmpermit (2).pdf

TOBIE,

We need to coordinate the fire alarm permit for UNE Goddard with PFD asap.

Do you have hard copies of the fire alarm submittals from February?

ON THE ATTACHED FIRE ALARM PERMIT IS A CHECKLIST OF ALL OF THE NEEDED ITEMS.

1. floor plans FAVREAU
2. wiring diagram ATTACHED
3. annunciator detail n/a
4. equipment datasheets SUBMITTAL FROM FEBRUARY
5. battery calcs ATTACHED AND FEBRUARY SUBMITTAL
6. matrix ATTACHED
7. designer qualifications ON FIRE ALARM PERMIT'
8. electrical permit FAVREAU

Please let me know how I can help further  
I will call you in the am.

TIM BIRON  
R.B. Allen Co. Inc.  
24H(603)-964-8140  
Phone (207)-657-2457  
Fax (207)-657-2457  
Cell (207) 939-2134  
[Timbiron@rballen.com](mailto:Timbiron@rballen.com)

**Total Current Draws:**  
Current values based on the selections below.

Standby	<b>0.168 A</b>
Alarm	<b>3.526 A</b>

Device	Standby Current				Alarm Current				
	Qty		Draw	Standby	Qty		Draw	Alarm	
<b>1. System</b>									
Common Control Module (CCM) <input checked="" type="checkbox"/> Board Only <input type="checkbox"/> Master Box <input checked="" type="checkbox"/> Reverse Polarity	1	x	0.160000	0.160000	1	x	0.226000	0.226000	
S+S- Smoke detector power	0	x	0.000000		0	x	0.000000		
A+A- Auxiliary power output	0	x	0.000000		0	x	0.000000		
Select Analog Loop Module...	0		0.030000		0	x	0.050000		
PID 95, PID-95P	4	x	0.000800	0.003200	4	x	0.000000	0.000000	
RCE-95	4	x	0.000500	0.002000	4	x	0.000000	0.000000	
SCE-95	0	x	0.001100		0	x	0.000000		
CTX-95	0	x	0.002000		0	x	0.000000		
MS-95	4	x	0.000400	0.001600	4	x	0.000000	0.000000	
RSM-95, RSI-95	0	x	0.001000		0	x	0.000000		
CZI-95	0	x	0.000000		0	x	0.000000		
XP95-I	0	x	0.000280		0	x	0.000000		
XP95-P	3	x	0.000340	0.001020	3	x	0.000000	0.000000	
XP95-T	0	x	0.000250		0	x	0.000000		
XP95-M	0	x	0.000500		0	x	0.000000		
SIM-422	0	x	0.065000		0	x	0.065000		
SIM-FIB	0	x	0.085000		0	x	0.085000		
SIM-422/FIB	0	x	0.075000		0	x	0.075000		
SAN-16	0	x	0.040000		0	x	0.000000		
PDM-16	0	x	0.002000		0	x	0.000000		
B6SNDR	0	x	0.000002		0	x	0.030000		
BR6R4	0	x	0.000002		0	x	0.003600		
RAN	0	x	0.040000		0	x	0.040000		
Select XP95-LI condition...	0	x	0.001200	0.000000	0	x	0.001200		
XP95-PD(X)	2	x	0.000340	0.000000	2	x	0.000000	0.000000	
XP95-ID(X)	0	x	0.000280	0.000000	0	x	0.000000		
XP95-XDR	0	x	0.010340	0.000000	0	x	0.057340		
Other	0	x	0.000000	0.000000	0	x	0.000000		
<b>2. Notification Appliances</b>									
Notification Appliance 1	1	x	0.000000	0.000000	1	x	1.200000	1.200000	
Notification Appliance 2	1	x	0.000000	0.000000	1	x	0.600000	0.600000	
Notification Appliance 3	1	x	0.000000	0.000000	1	x	0.700000	0.700000	
Notification Appliance 4	1	x	0.000000	0.000000	1	x	0.800000	0.800000	
<b>Total Standby Load:</b>				<b>0.168</b>	<b>Total Alarm Load:</b>				<b>3.526</b>



## System Power Requirements

### Gamewell Identiflex 602 Fire Alarm Control Panel

**AC Branch Current Requirements** 3.00 Amps @ 120 VAC Check

Current required by source to power the fire alarm system.

**Primary Alarm Load** 3.53 Amps Check

Current load on the primary power supply during alarm conditions.

**Secondary Load Requirements** 5.19 Amp Hours Check

Total Secondary Load from the calculation table below.

Current Draw		Time (hours)	Total (AH)
<b>Secondary Standby Load</b> 0.168 A	x	Required Standby Time 24 hours	4.03
<b>Secondary Alarm Load</b> 3.526 A	x	Required Alarm Time (hours) 0.084 hours	0.30
Total Secondary Load			4.32
Derating factor			x 1.20
<b>Secondary Load Requirements</b>			<b>5.19</b>

AH

**Battery Selection** 7 Amp Hours Check

Select batteries from the list below.

7.0 AH Battery (12 volt)

- Two
  Four (two 12VDC sets in parallel)

#### Battery Distribution Chart

Shows amp-hour distribution of your selections.

