

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT



This is to certify that
CITY OF PORTLAND

Located at
947 WESTBROOK ST

PERMIT ID: 2012-50111

CBL: 199 A001002

has permission to **Construct secure exit portal**

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues 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 cloed-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 procured prior to occupancy.

A handwritten signature in black ink that reads "Jamie Bonke".

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

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

BUILDING PERMIT INSPECTION PROCEDURES
Please call 874-8703 (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.**

REQUIRED INSPECTIONS:

Close-in Plumbing/Framing
Above Ceiling Inspection
Final - Commercial

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 OCCUPIED.

City of Portland, Maine - Building or Use Permit

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

Permit No: 2012-50111	Date Applied For: 11/09/2012	CBL: 199 A001002
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Location of Construction: 947 WESTBROOK ST	Owner Name: CITY OF PORTLAND	Owner Address: 389 CONGRESS ST	Phone:
Business Name:	Contractor Name:	Contractor Address:	Phone:
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	

Proposed Use: Construct secure exit portal	Proposed Project Description: Construct secure exit portal
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Dept: Zoning	Status: Approved	Reviewer: Ann Machado	Approval Date: 11/13/2012
Note:	Ok to Issue: <input checked="" type="checkbox"/>		

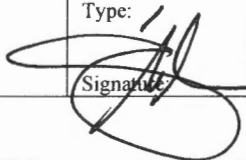
Dept: Building	Status: Approved w/Conditions	Reviewer: Tammy Munson	Approval Date: 01/07/2013
Note:	Ok to Issue: <input checked="" type="checkbox"/>		
<p>1) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm, HVAC systems, heating appliances, including pellet/wood stoves, commercial hood exhaust systems and fuel tanks. Separate plans may need to be submitted for approval as a part of this process.</p> <p>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.</p> <p>3) Application approval based upon information provided by the applicant or design professional. Any deviation from approved plans requires separate review and approval prior to work.</p>			

Dept: Fire	Status: Approved w/Conditions	Reviewer: Chris Pirone	Approval Date: 03/05/2013
Note:	Ok to Issue: <input type="checkbox"/>		
<p>1) Any cutting and welding done will require a Hot Work Permit from Fire Department.</p> <p>2) Fire walls, fire barriers, fire partitions, smoke barriers and smoke partitions or any other wall required to have protected openings or penetrations shall be effectively and permanently identified with signs or stenciling in accessible concealed floor, floor-ceiling or attic spaces at intervals not exceeding 30 feet with lettering not less than 0.5 inches in height.</p> <p>3) Through-penetrations and membrane penetrations in fire walls, fire barrier walls, and fire resistance rated horizontal assemblies shall be protected by firestop systems or devices in conformance with NFPA 101:8.3.5 (ASTM E 814 or ANSI/UL 1479). Providing firestop labels at each firestop system or device and an onsite manual containing the detail for each firestop system or device used for the project will streamline final inspection approvals.</p> <p>4) A separate Suppression System Permit is required for all new suppression systems, including standpipe systems, and sprinkler work effecting more than 20 heads. This review does not include approval of system design or installation.</p> <p>5) Notice: The first scheduled final inspection fee is at no charge. Additional inspections shall be billed at \$75 for each inspector.</p> <p>6) 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. This review does not include approval of fire alarm system design or installation.</p> <p>7) Construction or installation shall comply with City Code Chapter 10.</p> <p>8) 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.</p> <p>9) All means of egress to remain accessible at all times.</p> <p>10) A firefighter Building Marking Sign is required.</p>			

Location of Construction: 947 WESTBROOK ST	Owner Name: CITY OF PORTLAND	Owner Address: 389 CONGRESS ST	Phone:
Business Name:	Contractor Name:	Contractor Address:	Phone
Lessee/Buyer's Name	Phone:	Permit Type: Additions - Commercial	

City of Portland, Maine - Building or Use Permit Application

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

Job No: 2012-11-5377- ALTCOMM	Date Applied: 11/9/2012	CBL: 199- A-001-002	
Location of Construction: 947 WESTBROOK ST	Owner Name: CITY OF PORTLAND	Owner Address: 389 CONGRESS ST PORTLAND, ME 04101	Phone:
Business Name:	Contractor Name: TBD	Contractor Address:	Phone:
Lessee/Buyer's Name:	Phone:	Permit Type: Building	Zone: A-B
Past Use: Airport terminal	Proposed Use: Same – airport terminal – construction of secure exit portal	Cost of Work: \$500,000.00	CEO District:
		Fire Dept: <input checked="" type="checkbox"/> Approved w/conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A	Inspection: Use Group: A Type:
		Signature: <i>Capt. Perroni</i>	Signature: 
Proposed Project Description: Construct secure exit portal at terminal		Pedestrian Activities District (P.A.D.)	

Permit Taken By: Brad	Zoning Approval		
<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 informatin may invalidate a building permit and stop all work.</p>	Special Zone or Reviews <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 11/13/12</i> <i>ASR</i>	Zoning Appeal <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:	Historic Preservation <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>ASR</i>

CERTIFICATION

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 appication 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
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RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE	DATE	PHONE
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A/B

Entered 11/9/12

(18)



General Building Permit Application

2012-11-5377 - Alt Comm

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.

PORTLAND INTERNATIONAL SETPOINT

Location/Address of Construction: <u>947</u> <u>1001 WESTBROOK ST. PORTLAND, ME</u>		
Total Square Footage of Proposed Structure/Area <u>4,000 SF +/- RENOVATION</u>		Square Footage of Lot
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# <u>199 A 00002</u>	Applicant * <u>must</u> be owner, Lessee or Buyer* Name <u>PORTLAND INTL. SETPOINT</u> Address <u>1001 WESTBROOK ST</u> City, State & Zip <u>PORTLAND ME 04102</u>	Telephone: <u>756-8313</u>
Lessee/DBA (If Applicable) <u>N.A.</u>	Owner (if different from Applicant) Name Address City, State & Zip	Cost Of Work: <u>\$.5 MIL. (EST)</u> C of O Fee: \$ _____ Total Fee: \$ _____
Current legal use (i.e. single family) <u>AIRPORT</u> If vacant, what was the previous use? <u>N.A.</u> Proposed Specific use: <u>EXIT PORTAL (RENOVATION)</u> Is property part of a subdivision? <u>N.O.</u> If yes, please name _____ Project description: <u>SEE ATTACHED</u> <u>CONSTRUCTION OF SECURE EXIT PORTAL</u>		
Contractor's name: <u>TO BE DETERMINED</u>		
Address: _____		
City, State & Zip: _____		
Who should we contact when the permit is ready: <u>CUYLER FEAGLES</u> <u>756-8313</u> Telephone: _____		
Mailing address: <u>PORTLAND INTERNATIONAL SETPOINT 1001 WESTBROOK ST</u>		

RECEIVED
NOV 09 2012
City of Building Inspections
City of Portland Maine

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

PORTLAND ME
04102

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: C. Feagles Date: 11/9/12

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



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
- n.s.* Foundation plans with rebar specifications and required drainage and damp proofing (if applicable)
- Detail egress requirements and fire separations
- n.s.* Insulation R-factors of walls, ceilings, floors and U-factors of windows as per the IEEC 2009
- Complete the Accessibility Certificate and The Certificate of Design
- A statement of special inspections as required per the IBC 2009
- 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.
- n.s.* Reduced plans or electronic files in PDF format are required if originals are larger than 11" x 17".
- n.s.* Per State Fire Marshall, all new bathrooms must be ADA compliant.

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

n.s. 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 $\geq 1'' = 20'$ on paper $\geq 11'' \times 17''$
- 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

Fire Department requirements.

✓ The following shall be submitted on a separate sheet: **SEE ATTACHED**

- 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
- 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: \$30.00 for the first \$1000.00 construction cost, \$10.00 per additional \$1000.00 cost

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



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

11/9 2012

Received from Jet port

Location of Work Portland jet port

Secure Port & 1 Present
Cost of Construction \$ 500,000 Building Fee: 5020.00

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

win pay for agreement Total: 5020.00

Building (IL) _____ Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other _____

CBL: _____

Check #: _____

RECEIVED
NOV 09 2012
Total Collected \$ 5020.00
Dept. of Building Inspections
City of Portland Maine

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: (Signature)

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy

General Building Permit Application
Project Description:
Secure Exit Portal

The Secure Exit Portal is an interior renovation project within the terminal building at the Portland International Jetport.

Because the concourse area is in the secure zone of the Jetport (with access limited to persons granted authorization only), all access to the concourse, including egress from the concourse, must be monitored in one way or another to prevent unauthorized entry. There is currently an exit door in the general area of where the new Exit Portal will be built. The current exit is monitored by security personnel, in sentry at the door at all times. The new Secure Exit Portal will be an electronically monitored exit zone, using reverse-flow technology, designed to eliminate the need for in-person security monitoring.

SET

OCCUPANT LOAD

CONCOURSE:	17,908 @ 100 SF/OCC =	179 OCC
WAITING:	11,690 @ 15 SF/OCC =	<u>780 OCC</u>
		<u>919 TOTAL OCC</u>

EGRESS DOORS

7 DOORS TOTAL

5 @ 34.5" =	172.5"
1 @ 40.5" =	40.5
1 @ 84"	<u>84"</u>
	297" TOTAL



	<u>1,485</u>	TOTAL ALLOWABLE
.2	1297	OCCUPANT LOAD

Fire Department Requirements Secure Exit Portal Building Application

Name, address & phone number of applicant:

Cuyler Feagles, AIA, Assistant Facilities Manager
Portland International Jetport
1001 Westbrook St.
Portland, ME 04102
207-756-81-8313

Name, address & phone number of Architect:

Cuyler Feagles, AIA, Assistant Facilities Manager
Portland International Jetport
1001 Westbrook St.
Portland, ME 04102
207-756-81-8313

Proposed use of structure:

Reference attached.

Square Footage:

4,000+/- SF renovation.

Existing and proposed fire protection of structure:

The renovation is to take place within an existing building. The structure is pre-cast concrete and or cast-in-place concrete (columns, precast concrete planks). The Fire Resistance Rating is Type II- 222. A sprinkler system is not required, and is not present. There is no perceived need to change this, as it is not required by code.

A separate Life Safety Plan:

Reference attached.

Elevators shall be sized to fit an 80" x 24" stretcher:

Not Applicable.

General Building Permit Application
Project Description:
Secure Exit Portal

The Secure Exit Portal is an interior renovation project within the terminal building at the Portland International Jetport.

Because the concourse area is in the secure zone of the Jetport (with access limited to persons granted authorization only), all access to the concourse, including egress from the concourse, must be monitored in one way or another to prevent unauthorized entry. There is currently an exit door in the general area of where the new Exit Portal will be built. The current exit is monitored by security personnel, in sentry at the door at all times. The new Secure Exit Portal will be an electronically monitored exit zone, using reverse-flow technology, designed to eliminate the need for in-person security monitoring.



Accessibility Building Code Certificate

Designer:

CUYLER FEAGLES

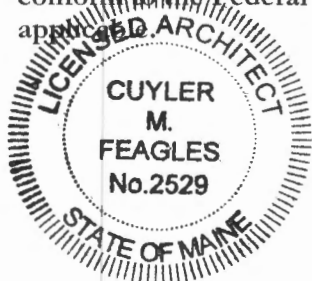
Address of Project:

PORTLAND INTERNATIONAL SETPORT
1001 WESTBROOK ST. PORTLAND ME

Nature of Project:

INTERNAL RENOVATION: RECONFIGURATION
OF EXIT FROM CONCOURSE TO INCLUDE
REVERSE-FLOW MONITORING AND
DIRECTIONALITY

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 with the Federal Fair Housing Accessibility Standards. Please provide proof of compliance if applicable.



(SEAL)

Signature: C. Feagles

Title: ARCHITECT

Firm: PORTLAND INTERNATIONAL SETPORT

Address: 1001 WESTBROOK ST.

PORTLAND ME

Phone: 756-8313

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

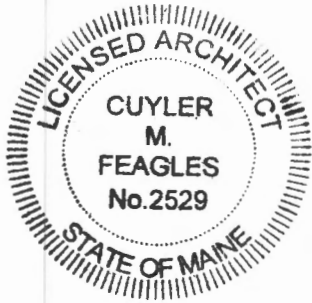
Date: 11/9/12

From: CUYLER FEAGLES

These plans and / or specifications covering construction work on:

SECURE EXIT TOTAL
PORTLAND INTERNATIONAL SETPOINT
1001 WESTBROOK ST. PORTLAND, ME.

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



(SEAL)

Signature: C. Feagles

Title: ARCHITECT

Firm: PORTLAND INTERNATIONAL SETPOINT

Address: 1001 WESTBROOK ST.
PORTLAND ME

Phone: 756-8313

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 Application

From Designer: CUYLER FEAGLES

Date: 11/9/2012

Job Name: SECURE EXIT TOWER

Address of Construction: PORTLAND INTERNATIONAL AIRPORT

1001 WESTBROOK ST., PORTLAND ME

2009 International Building Code

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

Building Code & Year 2009 IRC Use Group Classification (s) A-3 (AIRPORT)

Type of Construction 1B (EXISTING CONSTRUCTION)

Will the Structure have a Fire suppression system in Accordance with Section 903.3.1 of the 2009 IRC N.A. (EXISTING)

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

Supervisory alarm System? _____ Geotechnical/Soils report required? (See Section 1802.2) N.A.

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
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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, 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)

- _____ Design option utilized (1614.1)
- _____ Seismic use group ("Category")
- _____ Spectral response coefficients, S_D & S_I (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)

NOT APPLICABLE SEE ATTACHED

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)

Certificate of Design Application
For the Secure Exit Portal
at the
Portland International Jetport

The Secure Exit Portal is an interior building renovation project, within the Jetport Terminal. Neither the structure nor the building envelope is affected in any way. The structural loads requested in the Certificate of Design Application, therefore, are not applicable.

engles fengled 11/9/12