



# 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: 1001 WESTBROOK ST CBL: \_\_\_\_\_

Exact location: (within structure) NEW TERMINAL (WEST)

Type of occupancy(s) (NFPA & ICC): MIXED USE

Building owner: PORTLAND INTERNATIONAL AIRPORT

Must be

System Designer (point of contact): ALLAN PRENTISS (NICET CERT # 90823)

Designer phone: 978-731-7246 E-mail: aprentisse@SimplexGrinnell.com

Installing contractor: E.S. BOULOS COMPANY Certificate of Fitness No: T1026

Contractor phone: 207-464-3706 E-mail: jklmaytise@esboulos.com

This is a new application: YES  NO  New AES Master Box: YES  NO   
(Include Master Box approval form)

Amendment to an existing permit: YES  NO  Permit no: \_\_\_\_\_

**The following documents shall be provided with this application:**

- Floor plans
- Wiring diagram
- Annunciator details
- Input/ Output Matrix
- Equipment data sheets
- Electrical Permit Pulled (check alarm/com)
- Scope of Work
- 11 1/2 x 17s
- pdf copy (may be e-mailed)
- Designer qualifications
- Battery/ voltage drop calcs

COST OF WORK: 207,000.00

PERMIT FEE: \$2,100.00  
(\$10 PER \$1,000 + \$30 FOR THE FIRST \$1,000)

Master box approval only: YES  NO   
(If yes check *New AES Master Box* above)

**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 readable 11 1/2 x 17s 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: 6/16/11



Master Box Approval

Applicant: JESSE KLIMAYTIS (E.S. BOULOS)

Emergency Contact: PWM COMM. CENTER

App Phone #: 207-272-6986

Emergency phone #: 207-756-8310

Building Name: PORTLAND INTERNATIONAL AIRPORT

Date of Application: 6/16/11

Building Address: 1001 WESTBROOK ST

Billing Address: 45 BRADLEY DRIVE  
WESTBROOK, ST 04092

Occupancy: 1539

Comments:

Assembly OL>300, 20 unit apartment building, etc.

Applicant completes red box and submits with Fire Alarm Permit

1

FIRE PREVENTION:

Approved

Denied

\_\_\_\_/\_\_\_\_/\_\_\_\_  
Date

\_\_\_\_\_  
Fire Prevention Officer

Comments:  
\_\_\_\_\_  
\_\_\_\_\_

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

6

FIRE PREVENTION:

Filed \_\_\_\_/\_\_\_\_/\_\_\_\_  
Date



# City of Portland, Me.



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:

Date 6/1/2010  
 Permit # \_\_\_\_\_  
 CBL# 199 A00100

LOCATION: 389 CORDELLS STREET METER MAKE & # \_\_\_\_\_  
 CMP ACCOUNT # \_\_\_\_\_ OWNER CITY OF PORTLAND  
 TENANT PORTLAND INTERNATIONAL AIRPORT PHONE # \_\_\_\_\_

							TOTAL EACH FEE		
OUTLETS	545 605	Receptacles	96	Switches	78	Smoke Detector	.20	<del>142.80</del>	
FIXTURES	12	Incandescent	742	Fluorescent		Strips	.20	150.80 150.80	
SERVICES		Overhead		Underground		TTL AMPS <800	15.00	0.00	
		Overhead	2	Underground		TTL AMPS >800	25.00	<del>25.00</del>	
Temporary Service		Overhead	1	Underground		TTL AMPS 1600	25.00	50.00 25.00	
METERS	2	(number of)					25.00		
MOTORS	62	(number of)					1.00	2.00	
RESID/COM	2	Electric units					2.00	124.00	
HEATING	2	oil/gas units		Interior		Exterior	5.00	2.00	
APPLIANCES	0	Ranges	0	Cook Tops	0	Wall Ovens	2.00	16.00	
	0	Insta-Hot	4	Water heaters	25	Fans	2.00	0.00	
	6	Dryers (LIAND)	0	Disposals	0	Dishwasher	2.00	58.00	
	3	Compactors	0	Spa	0	Washing Machine	2.00	12.00	
	0	Others (denote)	TRASH COMPACTORS					2.00	6.00
MISC. (number of)	0	Air Cond/win					3.00	0.00	
Cmp acc #	2	Air Cond/cent			0	Pools	10.00	0.00	
MDP-A	4	HVAC	0	EMS	0	Thermostat	5.00	20.00	
	3	Signs					10.00	30.00	
441-184-1717	0	Alarms/res					5.00	0.00	
	0	Alarms/com					15.00	0.00	
	152	Heavy Duty (CRKT)		VAN/RM/SM			2.00	304.00	
MDP-B	0	Circus/Carny					25.00	0.00	
	0	Alterations					5.00	0.00	
441-182-0572	0	Fire Repairs					15.00	0.00	
	2	E Lights EBU's					1.00	2.00	
	1	E Generators					20.00	20.00	
PANELS	2	Service	43	Remote	5	Main	4.00	200.00	
TRANSFORMER	3	0-25 Kva					5.00	15.00	
	18	25-200 Kva					8.00	96.00	
	2	Over 200 Kva					10.00	20.00	
TOTAL AMOUNT DUE								1322.60	
MINIMUM FEE/COMMERCIAL 55.00							MINIMUM FEE	45.00	

CONTRACTORS NAME E.S. BOLLAS COMPANY MASTER LIC. # MC 60016185  
 ADDRESS 45 BRADLEY DRIVE WASTEBURN ME 04092 LIMITED LIC. # \_\_\_\_\_  
 TELEPHONE 207-464-3706

SIGNATURE OF CONTRACTOR [Signature]  
 White Copy - Office • Yellow Copy - Applicant





**CITY OF PORTLAND, MAINE**  
Department of Building Inspections

**Original Receipt**

Date 6/1/2010

Permit # \_\_\_\_\_

CBL# 199 A001003

June 2 2010

Received from E S Boulos Company

Location of Work 947 Westbrook St

Cost of Construction \$ \_\_\_\_\_ Building Fee: \_\_\_\_\_

Permit Fee \$ \_\_\_\_\_ Site Fee: \_\_\_\_\_

Certificate of Occupancy Fee: \_\_\_\_\_

**Total:** \_\_\_\_\_

Building (IL) \_\_\_\_\_ Plumbing (I5) \_\_\_\_\_ Electrical (I2) \_\_\_\_\_ Site Plan (U2) \_\_\_\_\_

Other \_\_\_\_\_

CBL: 199 A001003

Check #: 4931 **Total Collected \$1,322.60**

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

Taken by: Joseph M. Boulos

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

TOTAL EACH FEE		
Detector	.20	14.80
		155.80
	.20	150.80
IPS <800	15.00	0.00
IPS >800	25.00	25.00
IPS 1600	25.00	25.00
	25.00	
	1.00	2.00
	2.00	124.00
	1.00	2.00
	5.00	10.00
Ins	2.00	0.00
	2.00	53.00
Sh	2.00	12.00
Machine	2.00	6.00
	2.00	0.00
	3.00	0.00
	10.00	20.00
stat	5.00	20.00
	10.00	30.00
	5.00	0.00
	15.00	0.00
	2.00	304.00
	25.00	0.00
	5.00	0.00
	15.00	0.00
	1.00	2.00
	20.00	20.00
	4.00	200.00
	5.00	15.00
	8.00	76.00
	10.00	20.00
TOTAL AMOUNT DUE		\$1322.60
MINIMUM FEE/COMMERCIAL		55.00
MINIMUM FEE		45.00

TRANSFORMER	\$	U-25 KVA			
	12	25-200 Kva			
	2	Over 200 Kva			
		MINIMUM FEE/COMMERCIAL	55.00		

CONTRACTORS NAME E.S. BOULOS COMPANY MASTER LIC. # MC 6001685  
 ADDRESS 45 BRADLEY DRIVE WESTBRUN ME 04092 LIMITED LIC. # \_\_\_\_\_  
 TELEPHONE 207-464-3706  
 SIGNATURE OF CONTRACTOR Joseph M. Boulos



SECTION 28 31 00 - FIRE DETECTION AND ALARM

PART 1 GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 thru 34 Specification Sections, apply to this Section.
- B. Specification Section 271300 – Communications Backbone and Horizontal Cabling

1.2 DESCRIPTION

- A. Existing Condition: The fire alarm system at the Portland International Jetport is a two node SimplexGrinnell 4020 network, consisting of addressable and conventional devices with two annunciator panels.
- B. The contractor shall demolish, and furnish, install equipment, materials, tools, labor, programming, drawings, calculations, testing and provide associated documentation for a complete peer to peer, global annunciation, fiber optic networked fire alarm system with municipal signal transmission of alarms as described by these plans and specifications for the Portland International Jetport expansion and existing facility.
- C. The scope of work shall include the following:
  - 1. One (1) SimplexGrinnell 4100U FACP, associated transponder cabinets, booster power supplies, amplifiers, initiating devices, notification appliances, control and monitor modules and associated relays for building safety interfaces for terminal expansion. Programming, points list and sequence of operation to be approved by the Owner, Engineer and City of Portland Fire Department.
  - 2. One (1) SimplexGrinnell fire command annunciator panel consisting of a InfoAlarm Command Center, fire department communication phone with capacity to hold 6 headsets and paging zone audio module in terminal expansion.
  - 3. Two way fire department communications in terminal expansion with 6 headsets.
  - 4. Two (2) SimplexGrinnell 4100U FACPs for replacement of two existing SimplexGrinnell 4020 FACPs in existing locations. Programming, points list and sequence of operation to remain the same as approved by the Owner, Engineer and City of Portland Fire Department.



5. SimplexGrinnell True Sight Workstation in the existing Operations Communication Center (OCC). New and existing fire sprinkler zones on floor plans shall be shown on the True Sight Workstation. Any condition in the fire system shall be graphically segregated by fire sprinkler zone. New fire sprinkler points shall show alarm condition in the area in which the device serves as well as its physical location.
  6. Addressable strobes with emergency voice evacuation and paging capability in terminal expansion.
  7. SimplexGrinnell remote annunciator replacing existing annunciator in existing terminal.
  8. One Digitize DET-6B indoor masterbox for municipal fire alarm signal transmission adjacent to existing masterboxes. The fire alarm system shall be arranged in a way such that one master box does not serve more than 100,000 square feet of total fire area. Provide additional boxes for any portions that are greater than 100,000 square feet. Program initiating devices, Floor 1-2 of the new building as one zone and Floors 3-5 as another zone on the DET-6 with relays provided by Simplex. This shall be approved by the PFD.
  9. Conduits, fittings, outlets, junction boxes, supports, hangers, wire and cable and other items incidental to and/or required to complete the installation, in accordance with the intent of the drawings and specifications. This shall include wire and conduit required to operate both new and existing equipment during each phase of the work. This shall also include steel supports for conduit, pull boxes, panels and other equipment, as indicated and/or required to complete the installation.
  10. Perform all programming and downloads for the nodes during each phase of the system modification. New and Existing Programming matrix shall be audited by the system manufacturer. Any corrections including changes to the existing NAC pairings for audio and visual shall be made and reflected on the contractor's shop drawings.
- D. Please refer to the project phasing plan and notes for specific criteria for construction sequencing. The contractor shall be responsible for a complete project phasing plan that shall be submitted in the shop drawing package for approval.
- E. Prior to the start of work, the contractor shall survey the existing terminal and all fire alarm equipment in its entirety and perform an initial system functionality test. Documented test results shall be submitted to the engineer for approval. contractor shall be responsible to determine existing points at the existing Fire Alarm Control Panel (FACP) in order to size the new 4100U panel and maintain existing sequence of operation.



61839

CITY093 ES. BOULOS COMPANY, PORTLAND, ME

DATE	INVOICE NO.	DESCRIPTION	INVOICE AMOUNT	DEDUCTION	BALANCE
6-16-11	061611	Jetport FA Permitt	2100.00	.00	2100.00
CHECK DATE	6-16-11	CHECK NUMBER	TOTALS		
		61839	2100.00	.00	2100.00

ORIGINAL DOCUMENT PRINTED ON CHEMICAL REACTIVE PAPER WITH MICROPRINTED BORDER

**E.S. BOULOS COMPANY**  
 OPERATING ACCOUNT  
 P.O. BOX 860  
 PORTLAND, MAINE 04104



52-7445/2112

Pay: \*\*\*\*\*Two thousand one hundred dollars and no cents

DATE June 16, 2011  
 CHECK NO. 61839 \$\*\*\*\*\*2,100.00

City of Portland, ME

TO THE ORDER OF

  
 AUTHORIZED SIGNATURE

61839

THIS DOCUMENT CONTAINS HEAT SENSITIVE INK. TOUCH OR PRESS HERE - RED IMAGE DISAPPEARS WITH HEAT.

⑆061839⑆ ⑆211274450⑆ 0241 104166⑆

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