

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



# CITY OF PORTLAND BUILDING PERMIT

This is to certify that  
SIMPLEXGRINNELL  
20 THOMAS DR  
WESTBROOK, ME 04092

For installation at  
66 HIGH ST  
ELM TERRACE

Job ID: 2011-11-2633-ALTCOMM

CBL: 044- F-001-001

has permission to install 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

*Bjornell* (58)  
\_\_\_\_\_  
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

## BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: [buildinginspections@portlandmaine.gov](mailto: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.**

### **Final Fire**

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.



# PORTLAND MAINE

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Director of Planning and Urban Development  
Penny St. Louis

Job ID: 2011-11-2633-ALTCOMM  
install master box fire alarm system

For installation at:  
66 HIGH ST  
ELM TERRACE

CBL: 044- F-001-001

## Conditions of Approval:

### **Fire**

The installation shall comply with the following:

- City of Portland Chapter 10, Fire Prevention and Protection;
- NFPA 1, *Fire Code* (2009 edition), as amended by City Code;
- NFPA 101, *Life Safety Code* (2009 edition), as amended by City Code;
- City of Portland Fire Department Rules and Regulations;
- NFPA 72, *National Fire Alarm and Signaling Code* (2010 edition), as amended by Fire Department Rules and Regulations;
- NFPA 720, *Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment* (2009 edition), as amended by Fire Department Rules and Regulations; and
- NFPA 70, *National Electrical Code* (2011 edition) as amended by the State of Maine.

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

In field installation shall be installed per code as conditions dictate.

Manual Pull Stations are required per NFPA 101:30.3.4.2.1 at all exit doorways and within 200 feet of travel.

Smoke alarms are required per NFPA 101:30.3.4.5 in each sleeping area, outside every sleeping area in the immediate vicinity of the bedrooms, and on all levels of the dwelling unit.

All smoke detectors and smoke alarms shall be photoelectric.

Single-station CO alarms are required outside each separate dwelling unit sleeping area in the immediate vicinity of the bedrooms, and on every occupiable level of the dwelling unit per NFPA 720:9.4.1.1.

System CO detectors shall be located on the ceiling in the same room as permanently installed fuel-burning appliances and centrally located on every habitable level and in every HVAC zone of the building per NFPA 720:5.5.5.3.1. System CO detectors shall

activate an audible alarm at the detector and FACP, and send an alarm signal the remote station. It shall not trip a/the master box.

Audible and visible notification signals are not required in exit stair enclosures by NFPA 101:9.6.3.5.5 and NFPA 101:9.6.3.6.4.

Visible signals are required per NFPA 101:9.6.3.5. Corridors 223 and 323 shall comply with NFPA 72:18.5.4.4.

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 Knox Box to be installed per city ordinance.

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.

A master box connection and drill switch is required. AES Zones shall be:

1. Water flow
2. City Disconnect: Water flow
3. Pull stations and detectors
4. City Disconnect: Pull stations and detectors
5. Not assigned
6. Not assigned
7. Not assigned
8. AES tamper switch

Master Box Approval

Applicant: John Hale - SimplexGrinnell  
App Phone #: 207-239-5100  
Building Name: Elm Terrace  
Building Address: 66 High St  
Occupancy: 38 unit apartment building

Emergency Contact: Avesta Housing  
Emergency phone #: 207-553-7779  
Date of Application: 5/22/12  
Billing Address: 307 Cumberland Ave  
Portland, ME 04101  
Comments:

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

Applicant completes red box and submits with Fire Alarm Permit

1

FIRE PREVENTION:  Approved

Denied

5 / 22 / 12  
Date

*B. G. Waleff*  
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 / Other  
New

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: 2011-11-2633-ALTCOMM 2012-41780 FAFS	Date Applied: 03/15/2012	CBL: 044- F-001-001	
Location of Construction: 66 HIGH ST	Owner Name: CHILDREN'S HOSPITAL HOUSING PARTNERS, LP	Owner Address: 309 CUMBERLAND AVE - SUITE 203, PORTLAND, ME 04101	Phone: 879-0347
Business Name:	Contractor Name: BH MILLIKEN	Contractor Address: 10 DANFORTH ST PORTLAND MAINE 04101	Phone: 879-1877
Lessee/Buyer's Name:	Phone:	Permit Type: FAFS	Zone: R-7 Overlay
Past Use: 38 residential dwelling units with parking	Proposed Use: Same: 38 residential dwelling units with parking -- to install fire alarms	Cost of Work: \$25,000.00	CEO District:
		Fire Dept: 5/23/12 Signature: <i>[Signature]</i>	Inspection: Use Group: Type: Signature: <i>(58)</i>
Proposed Project Description: Renovations 35 Unit Apartment Underground Parking		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Brad	<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 informatin 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>3/15/12</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 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:
	<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 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
RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE		DATE	PHONE

Entered 3/15/12 (initials)



### 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.

Elm Terrace Under ID: 2011-11-2633 - Alt Comm  
Installation address: 68 High ST CBL: 044 F001

Exact location: (within structure) Whole Building

Type of occupancy(s) (NFPA & ICC): Apartment Building

Building owner: \_\_\_\_\_

System Designer (point of contact): Steve Kalafanski (SimplexGrinnell) Nicet IV

Designer phone: 978-731-2243 / Paul Doughty 210-0500 E-mail: \_\_\_\_\_

Installing contractor: BH Milliken Certificate of Fitness No: 1019

Contractor phone: 879-1877 E-mail: \_\_\_\_\_

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: 25,000.00  
 PERMIT FEE: \$270.00  
 (\$10 PER \$1,000 + \$30 FOR THE FIRST \$1,000)

RECEIVED  
 MAR 15 2012  
 Dept. of Building Inspections  
 City of Portland Maine

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: Steven C. Kalafanski Date: 3/15/12



# PORTLAND MAINE

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Receipts Details:

**Tender Information:** Check , Check Number: 39528

**Tender Amount:** 270.00

Receipt Header:

**Cashier Id:** bsaucier

**Receipt Date:** 3/15/2012

**Receipt Number:** 41781

Receipt Details:

Referance ID:	5634	Fee Type:	BP-Permit
Receipt Number:	0	Payment Date:	
Transaction Amount:	270.00	Charge Amount:	270.00
Job ID: Job ID: 2011-11-2633-ALTCOMM - Renovations 35 Unit Apartment Underground Parking			
Additional Comments: 66 (68) High			

Thank You for your Payment!



**SimplexGrinnell Material List (THIS IS NOT A PRICE QUOTATION)**

TO:  
 B H Milliken  
 175 Anderson St  
 PORTLAND, ME 04101-2550  
 Attn: Wes Milliken  
 (207) 879-1877 EXT( ) Fax:

Project: Elm Terrace II - Portland  
 Customer Reference: Fire Alarm & Door Intercom  
 SimplexGrinnell Reference: 147420360  
 Date: 02/29/2012  
 Page 1 of 3

QUANTITY	MODEL NUMBER	DESCRIPTION
<b>4010ES Fire Alarm System</b>		
Fire Alarm Devices		
4010 FACP Batteries		
1	4010-9401	4010ES FACP 120V RED
1	4010-9912	SERIAL DACT
2	2081-9275	BATTERY 18AH
AES Radio Master Box		
1	7788-F	8ZONES W/2.5DB RED
1	BD7-12	12V 7AH SEALED LEAD ACID
1	1640	UL TRNSFR FOR 7750-F SUBSCRIBE
5	4090-9002	RELAY IAM
1	SG Switch	DISCONNECT SWITCH
1	ADI GSW TSW-01S	TAMPER SWITCH
Knox Box		
1	3270	KNOX BOX 3270
Pull Stations		
7	4099-9003	MANUAL STATION - DOUBLE ACTION
Duct Smoke Sensors		
4	4098-9756	DUCT SENSOR HOUSING-4-WIRE
4	2098-9806	REMOTE TEST STATION
4	2098-9798	SAMPLING TUBE 73"
Smoke Sensors		
74	4098-9714	PHOTO SENSOR
70	4098-9792	SENSOR BASE
4	4098-9797	SSD SENSOR BASE WITH CO MODULE
Heat Sensors		
4	4098-9733	HEAT SENSOR
3	4098-9792	SENSOR BASE
1	4098-9797	SSD SENSOR BASE WITH CO MODULE
120VAC Smokes and CO Detectors		
83	7109CS-C	PE SMK 120V/9V W/STROBE CEILIN
38	5120BN	BRK 120VAC CO DETECTOR
Sprinkler Monitoring		
12	4090-9001	SUPERVISED IAM
12	4090-9810	BRACKET, IAM
12	4090-9806	COVER-ADDRESS MODULE FLUSH
Elevator Recall		
4	4090-9002	RELAY IAM
4	4090-9801	COVER-ADDRESS MODULE FLUSH
Notification Devices		

**SimplexGrinnell Material List (THIS IS NOT A PRICE QUOTATION)**

QUANTITY	MODEL NUMBER	DESCRIPTION
10	4906-9101	STROBE MC RED
38	4906-9103	STROBE MC WHITE
47	4906-9127	HORN/STROBE MC RED
83	4906-9129	HORN/STROBE MC WHITE
	NAC Booster Panels	
2	4009-9201	NAC EXTENDER 120VAC, IDNET
4	2081-9272	BATTERY 6.2 AH
	Fire Alarm Permit Ethernet Drop	
1	ETHEDROP	ETHERNET DROP REQUIRED AT FACP
	<b>Door Intercom System</b> Door Intercom Materials	
1	AM492P	PNL VNDL SPEAKER 0 BTN
1	CM492/044	MASTER INTERCOM
1	CM490/048	APT PANEL 48 BTN ADD-ON
2	AM190D	PNL APT DIR 60 NAME OF 190 FRA
1	OH192	HOUSING
1	OF192	FRAME
1	OH193	HOUSING 3G
1	OF193	FRAME 3G
1	PK543A	AMPLIFIER
1	PK502B	DUAL ENTRANCE CONTROL
1	SS102A	TRANSFORMER
2	PO001	ELEC DOOR OPENER 16VAC
38	IR204E	REMOTE STATION
3	LI404B	STROBE UNIT

Comments

Scope of Work:

SimplexGrinnell is pleased to provide this proposal for a Fire Alarm System & Door Intercom System for the proposed Elm Terrace project, Portland, ME. Proposal is per plans E2.0, E3.0 through E3.8 dated 9/8/11 and Specification 26 00 00 Section 2.13 Fire Alarm System and 2.15 Apartment Intercom/Security Systems. *Counts provided are those as provided by BH Milliken on 12/12/11.*

*Per your request unit pricing as it relates to the TekTone Strobe Only is \$90.00 each.*

Proposal is based on counts and material requested.

This quotation is based on the acceptance of delivery of all equipment within one year.

This quotation does not include back boxes or adapter plates for surface mount devices unless so listed.

**SimplexGrinnell Material List (THIS IS NOT A PRICE QUOTATION)**

Comments (continued)

Wire /Cable: Upon written request, Simplex will provide written instruction regarding the appropriate wire/cable for installation of the equipment/system(s) identified in this quotation. Simplex shall not be responsible for problems or damages resulting from the use of any wire/cable other than that which has been identified in writing by Simplex for a specific application.

All panel & peripheral installation is the responsibility of the Electrical Contractor unless otherwise agreed upon in writing with SimplexGrinnell. SimplexGrinnell is responsible for panel terminations, system programming, test (with EC assistance) and overall system commission.

Proposal includes 1 hour customer training at time of system commission for the end user for each system proposed.

Technical Labor & Testing is based on being performed between 8AM and 5PM, Monday-Friday excluding holidays.

Master Box Approval

Applicant: John Hale (SimplyGreen) Emergency Contact: \_\_\_\_\_

App Phone #: 239-5100 Emergency phone #: \_\_\_\_\_

Building Name: Elm Terrace Date of Application: 3-15-12

Building Address: 68 High St Billing Address: 20 Thomas Dr

Portland ME Westbrook ME 04092

Occupancy: 3 story Apartment Building Comments: New AES & zone Radio Box  
Assembly OL>300, 20 unit apartment building, etc.

Applicant completes above and submits with Fire Alarm Permit

1

FIRE PREVENTION:  Approved  Denied

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

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

Zone 1: \_\_\_\_\_ Zone 2: City disconnect Zone 3: \_\_\_\_\_

Zone 4: \_\_\_\_\_ Zone 5: \_\_\_\_\_ Zone 6: \_\_\_\_\_

Zone 7: \_\_\_\_\_ Zone 8: AES Tamper switch

Modify City Box response to alarm sounding in CAD

2

FIRE ALARM: Box #: \_\_\_\_\_

ELECTRICAL DIVISION:  Approved  Denied

Box Type: AES Radio Box / \_\_\_\_\_  
New Other

3

Test Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ In Service Date: 3/15/12 \_\_\_\_\_

\_\_\_\_\_  
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