

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND BUILDING PERMIT

This is to certify that PROTECTION ONE
of 10 Manuel Dr, Portland, ME 04103

For installation at 53 EXCHANGE ST

Job ID: 2011-06-1432-FAFS

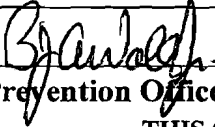
CBL: 032 - - E - 002 - 001 - - - -

has permission to install a supervised 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

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.**

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

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

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2011-06-1432-FAFS
Installation of a supervised fire alarm
system

For installation at:
53 EXCHANGE ST

CBL: 032 - - E - 002 - 001 - - - -

Conditions of Approval:

Fire

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.

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 Central Station alarm number shall not be assigned to this building.

City of Portland, Maine - Building or Use Permit Application

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

| | | | |
|---|--|--|--|
| Job No: 2011-06-1432-FAFS | Date Applied: 6/15/2011 | CBL: 032 - - E - 002 - 001 - - - - | |
| Location of Construction: 53 EXCHANGE ST | Owner Name: ALBERT PALACCI | Owner Address: 4761 BROADWAY NEW YORK, NY - NEW YORK 10034 | Phone: |
| Business Name: | Contractor Name: Jason Gervais @ Protection One | Contractor Address: 10 Manuel Drive, Portland, ME 04103 | Pho 347-5316 |
| Lessee/Buyer's Name: | Phone: | Permit Type: FIRE ALARM - Fire Alarm | Zone: B-3 |
| Past Use: First floor retail with offices above | Proposed Use: Same: 1 st floor retail with offices above - to install a fire alarm in the 3 rd floor closet in lobby | Cost of Work: \$26,000.00 | CEO District: |
| | | Fire Dept: <input checked="" type="checkbox"/> Approved w/conditions <input type="checkbox"/> Denied <input type="checkbox"/> N/A Signature: <i>Bjorn</i> (58) | Inspection: Use Group: Type: Signature: |
| Proposed Project Description: Install Fire Alarm | | Pedestrian Activities District (P.A.D.) | |
| Permit Taken By: Lannie | | Zoning Approval | |

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building Permits do not include plumbing, septic or electrical work.
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.

| | | |
|---|---|--|
| 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>6/17/11</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 <i>with</i> <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: |
|---|---|--|

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

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE

DATE

PHON



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: 53 Exchange St CBL: 32 E. 2
Exact location: (within structure) 3rd floor closet in lobby
Type of occupancy(s) (NFPA & ICC): Business
Building owner: 53 Exchange LLC
System Designer (point of contact): Must be Kevin Inman
Designer phone: 207-332-1204 E-mail: kevininman@protection1.com
Installing contractor: Protection One Certificate of Fitness No: 1003
Contractor phone: 207-347-5316 E-mail: jasongervais@protection1.com

This is a new application: YES ☒ NO ☐ New AES Master Box: YES ☐ NO ☐
(Include Master Box approval form) B-3
Amendment to an existing permit: YES ☐ NO ☐ Permit no: _____

The following documents shall be provided with this application:

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

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

| |
|---|
| COST OF WORK: <u>\$26,000</u> |
| PERMIT FEE: <u>280</u> |
| ($\$10$ PER $\$1,000$ + $\$30$ FOR THE FIRST $\$1,000$) |
| RECEIVED |
| JUN 15 2011 |
| Dept. of Building Inspections City of Portland Maine |

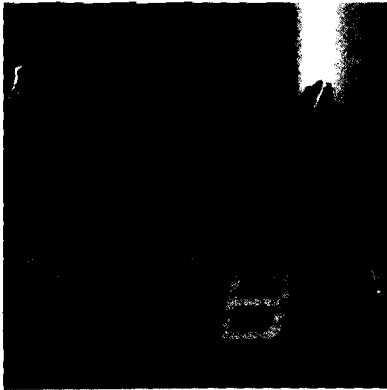
retail
use
offices
above

The designer shall be the responsible party for this application. Download a new copy of this application at 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.

Applicant signature: [Signature] Date: 6-16-11



IntelliKnight® 5808 Single Loop Addressable Fire Alarm Control System



The convenience of an addressable fire alarm control panel in a cost-effective easy to use package.

IntelliKnight Model 5808 is a 127 point class leading single loop addressable fire alarm control/communicator system. 5808 provides you with the revolutionary value and performance of addressable sensing technology combined with exclusive, built-in digital communication,

distributed intelligent power, easy to use interface. Powerful features such as drift compensation and maintenance alert are delivered in this powerful FACP from Silent Knight.

For more information about the IntelliKnight system, or to locate your nearest source, please call 1-800-446-6444, or in Minnesota, call 763-493-6435.

Description

5808 performs drift compensation and calibration checks on each of the sensors in the system.

The basic 5808 system can be enhanced by adding modules such as 5860 remote annunciator, 5824 serial/parallel printer interface module (for printing system reports), and 5496 intelligent power module. 5808 also features a powerful built-in dual line fire communicator that allows for reporting of all system activity to a remote monitoring location.

Features

- Up to 127 addressable points
- Up to 125 zones and 125 output groups
- Uses standard wire—no shielded or twisted pair required
- Built-in digital communicator
- Central station reporting by point or by zone
- Supports Class B (Style 4) and Class A (Style 6 or 7) configuration for SLC
- Distributed, intelligent power
- Drift compensation
- 13 pre-programmed output cadences, (including ANSI-3.41), and 4 programmable outputs
- Notification circuits can be configured as 2 Class A (Style Z) or 4 Class B (Style Y), or auxiliary power for resettable, constant, or door holder power
- Built-in annunciator with 80-character LCD display
- RS-485 bus provides communication to system accessories
- Built-in RS-232 and USB interface for programming via a PC
- Upload or download programming, event history, or detector status via remote or direct connection
- Improvements in SKSS deliver five times faster upload/downloads

- Built-in synchronization for appliances from AMSECO, Gentex®, Faraday, System Sensor®, and Wheelock®
- One Form C trouble relay rated at 2.5A at 27.4 VDC and two Form C programmable relays rated at 2.5A at 27.4 VDC
- Programmable date setting for Daylight Saving Time
- Plex-2 door option combines a dead front cabinet door with a clear window, limiting access to the panel while providing single button operation of the reset and silence functions

Electrical Specifications

Primary AC: 120 VRMS at 50/60 Hz, 2.75A

Total Accessory Load: 6A @ 27.4 VDC

Notification Power: 6A @ 27.4 VDC, power-limited

Standby Current: 170 mA

Alarm Current: 325 mA

Notification & Auxiliary Circuits: 3A @ 27.4 VDC per circuit, power-limited

Battery Charging Capacity: 7.0-35.0 AH

Battery Size: 18 AH max. allowed in FACP. Larger capacity batteries can be housed in an RBB accessory cabinet

Mechanical Specifications

Flush Mount Dimensions: 14.5" W x 24.75" H x 3.5" D (36.8 W x 62.9 H x 8.73 D cm)

Overall Dimensions: 16" W x 26.4" H x 4.65" D (40.6 W x 67 H x 11.8 D cm)

Weight: 28 lbs. (12.8 kg)

Color: Red

Telephone Requirements:



Model 5808

FCC Part 15 and Part 68 approved
Type of Jack: RJ31X (two required)

Approvals

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central Station; Remote Signalling; Local Protective Signalling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service. Suitable for automatic, manual, waterflow, sprinkler supervisory (DACT non-coded) signalling services.

Other Approvals: UL Listed;
CSFM 7170-0559: 142;
MEA 429-92-E Vol. XIV



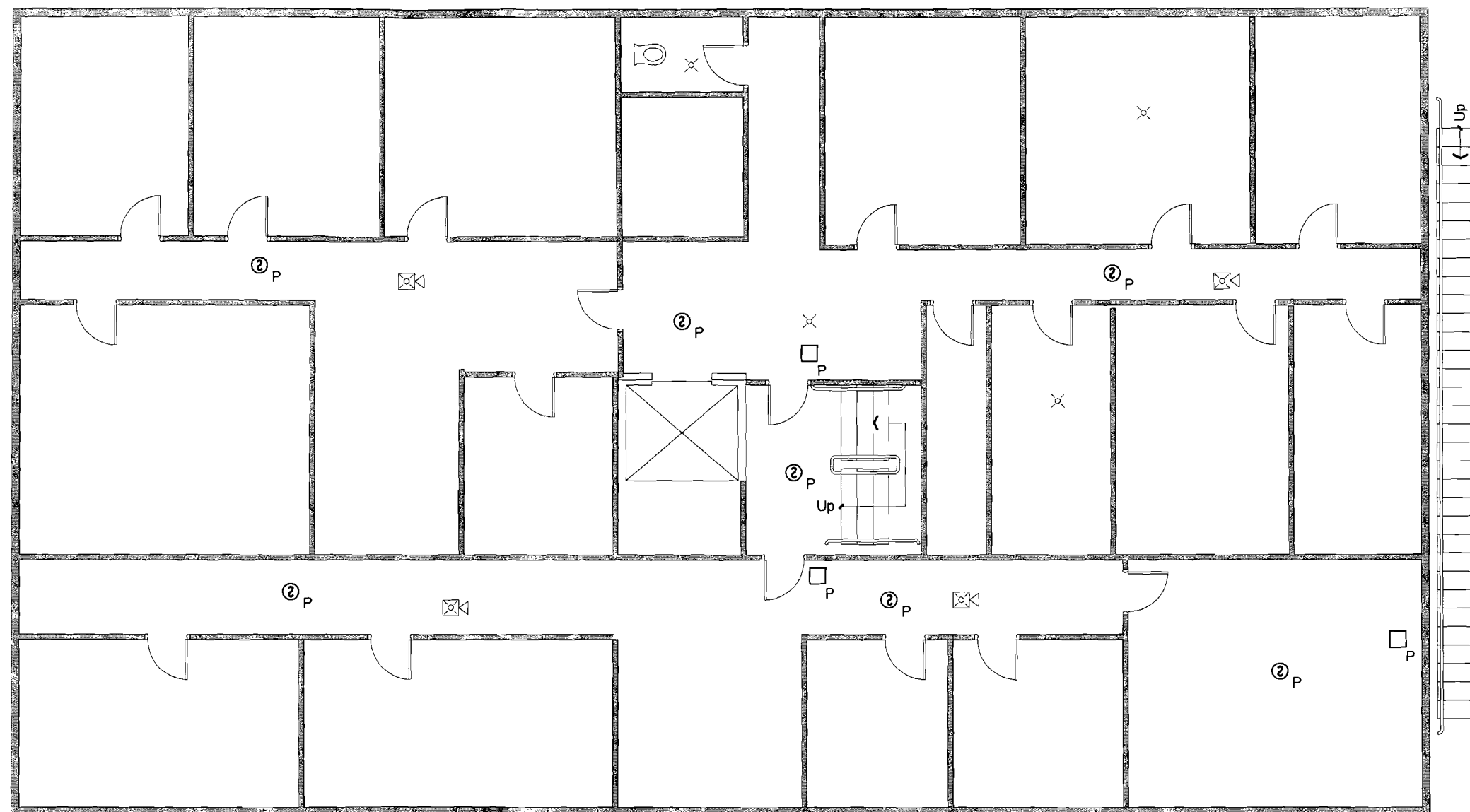
**SILENT
KNIGHT**

by Honeywell



Scale: 1/8" = 1'-0"

| 53 Exchange St | | |
|----------------|-------|----------------|
| Fourth Floor | | |
| Symbol | Count | Description |
| | 3 | Manual Station |
| | 7 | Smoke Detector |
| | 4 | Horn w/ Light |
| | 4 | Light |



Kevin Inman, Certified Engineering Technician Fire Alarm Level III, NICET Cert. # 54325

10 Manuel Drive, Portland, Maine 04103 (207) 347-5318

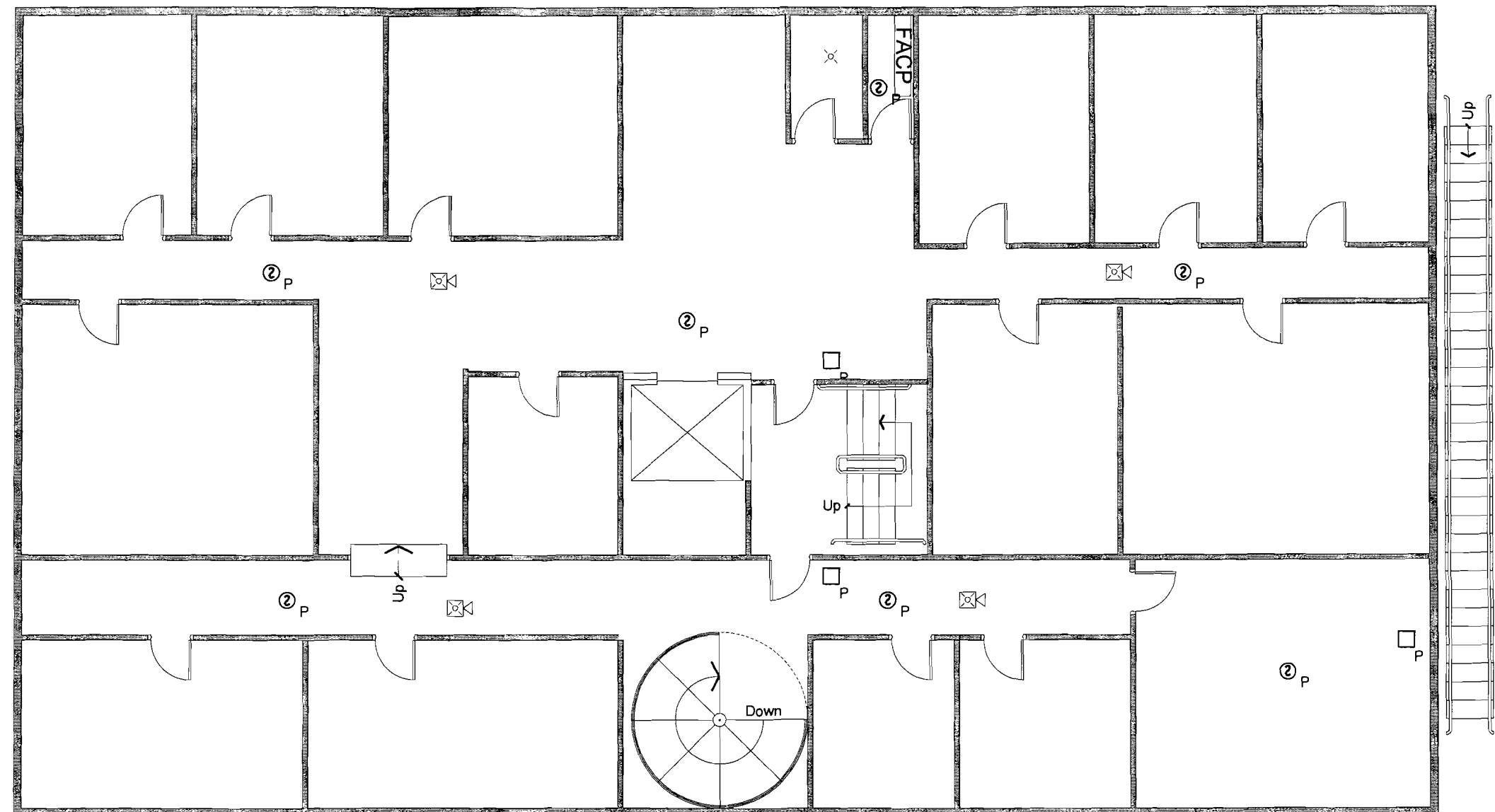
5/23/11

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Scale: 1/8" = 1'-0"

| 53 Exchange St | | |
|----------------|-------|----------------|
| Third Floor | | |
| Symbol | Count | Description |
| | 3 | Manual Station |
| | 7 | Smoke Detector |
| | 4 | Horn w/ Light |
| | 1 | Light |



Kevin Inman, Certified Engineering Technician Fire Alarm Level III, NICET Cert. # 54325

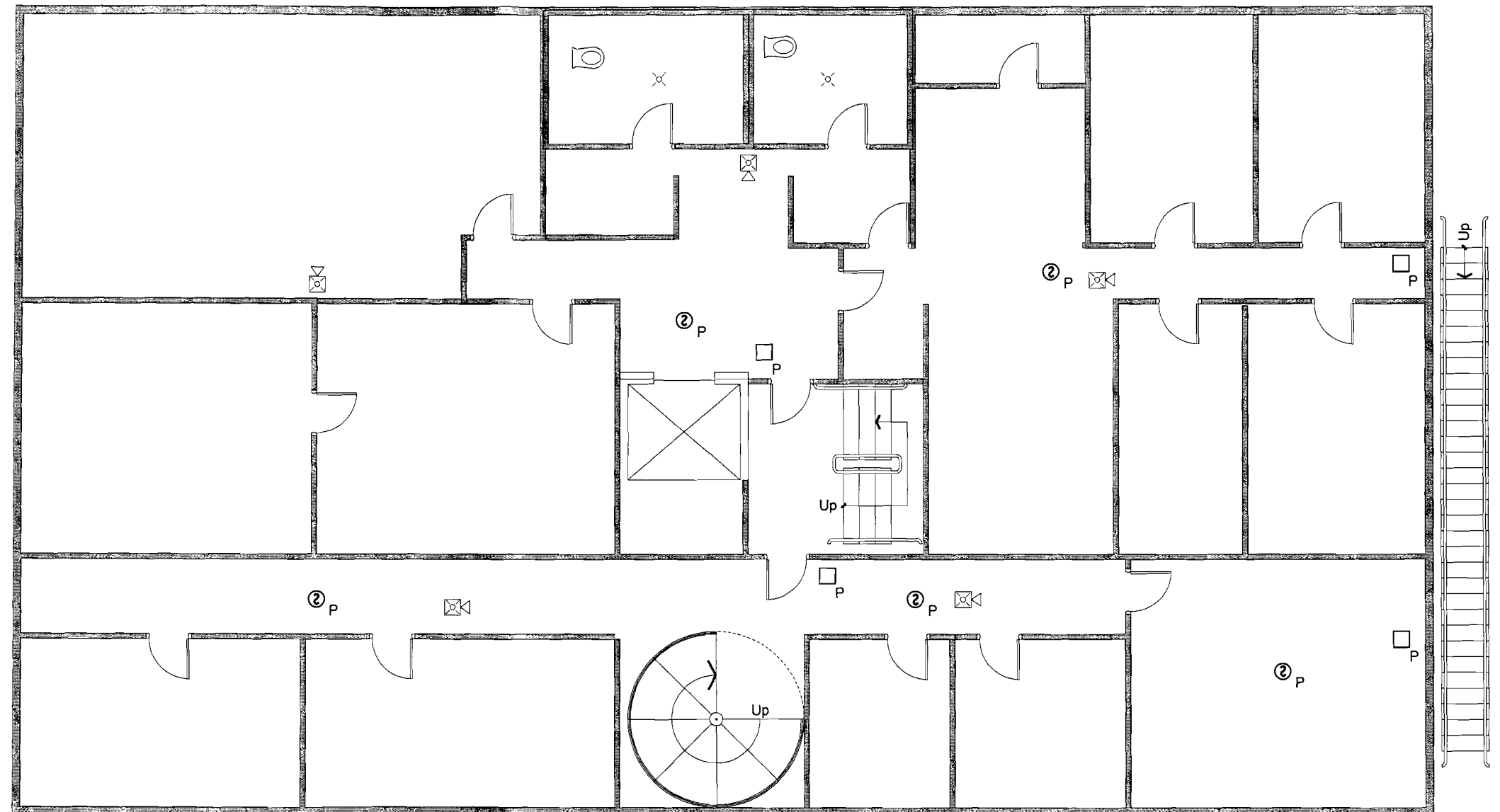
10 Manuel Drive, Portland, Maine 04103 (207) 347-5318

5/23/11



Scale: 1/8" = 1'-0"

| 53 Exchange St | | |
|----------------|-------|----------------|
| Second Floor | | |
| Symbol | Count | Description |
| | 3 | Manual Station |
| | 5 | Smoke Detector |
| | 5 | Horn w/ Light |
| | 2 | Light |



Kevin Inman, Certified Engineering Technician Fire Alarm Level III, NICET Cert. # 54325

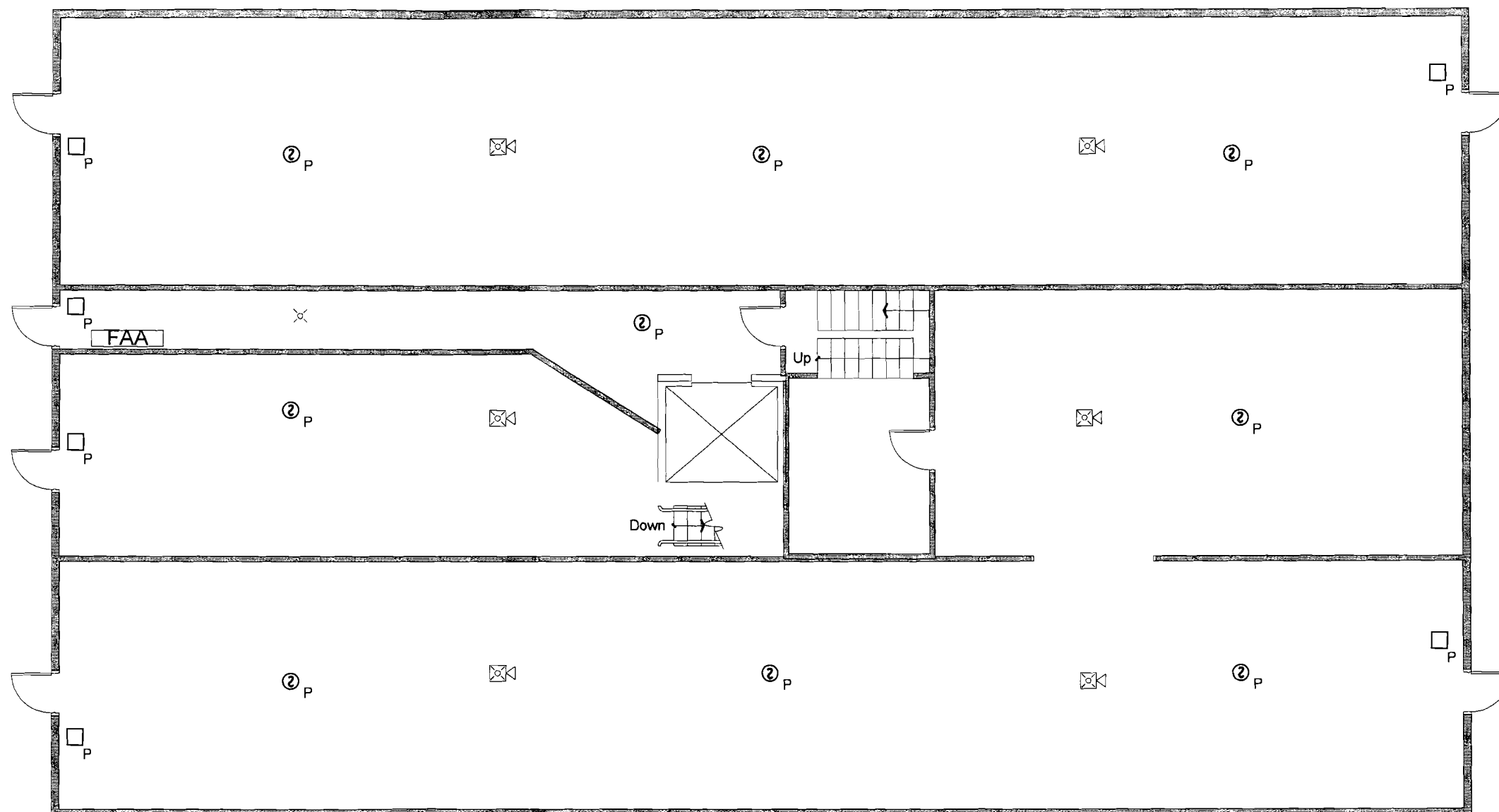
10 Manuel Drive, Portland, Maine 04103 (207) 347-5318

5/23/11



Scale: 1/8" = 1'-0"

| 53 Exchange St | | |
|----------------|-------|----------------|
| First Floor | | |
| Symbol | Count | Description |
| | 6 | Manual Station |
| | 9 | Smoke Detector |
| | 6 | Horn w/ Light |
| | 1 | Light |



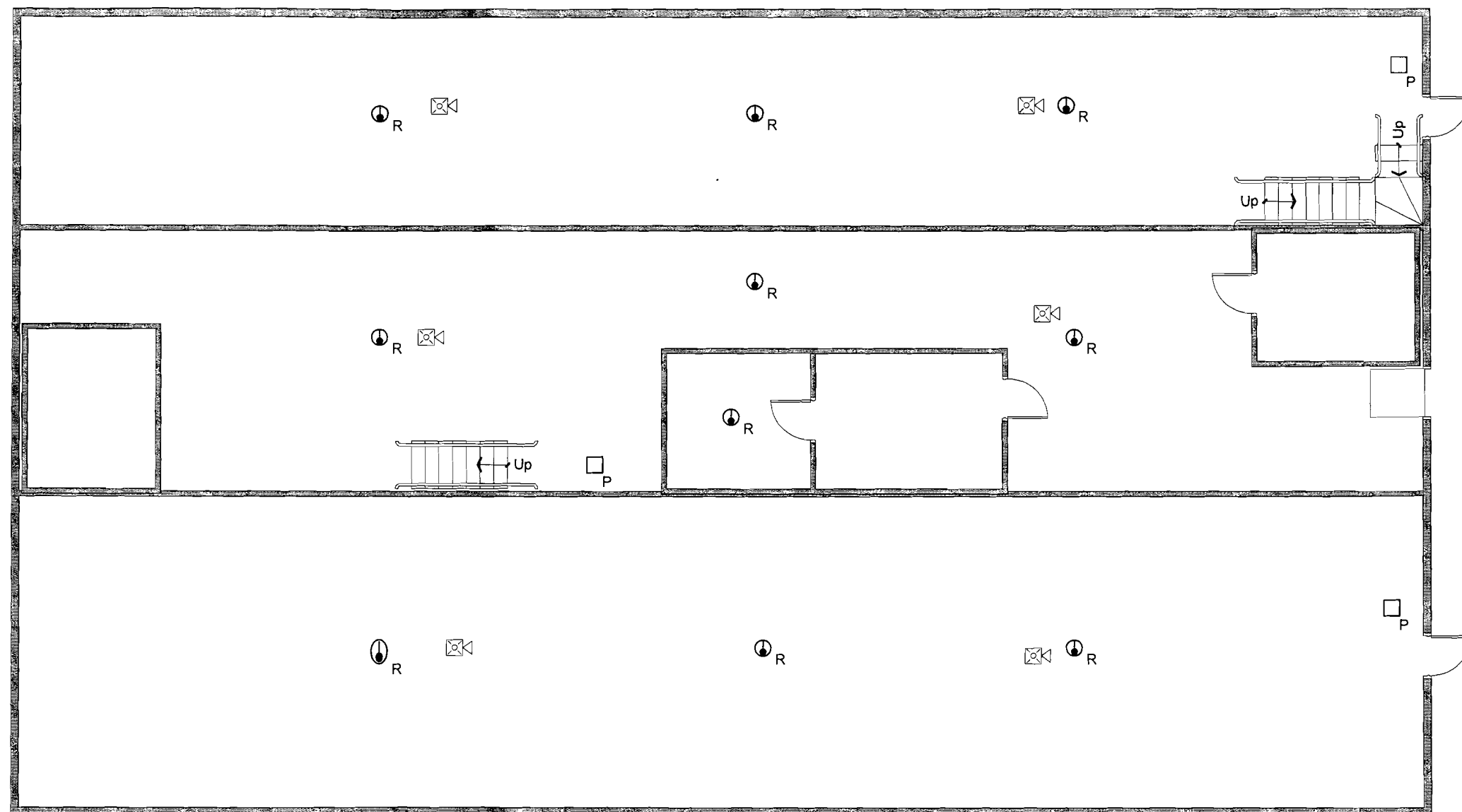
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| | | | |
|---|---|---------|---|
| - | 10 Manuel Drive, Portland, Maine 04103 (207) 347-5318 | 5/23/11 | - |
|---|---|---------|---|



Scale: 1/8" = 1'-0"

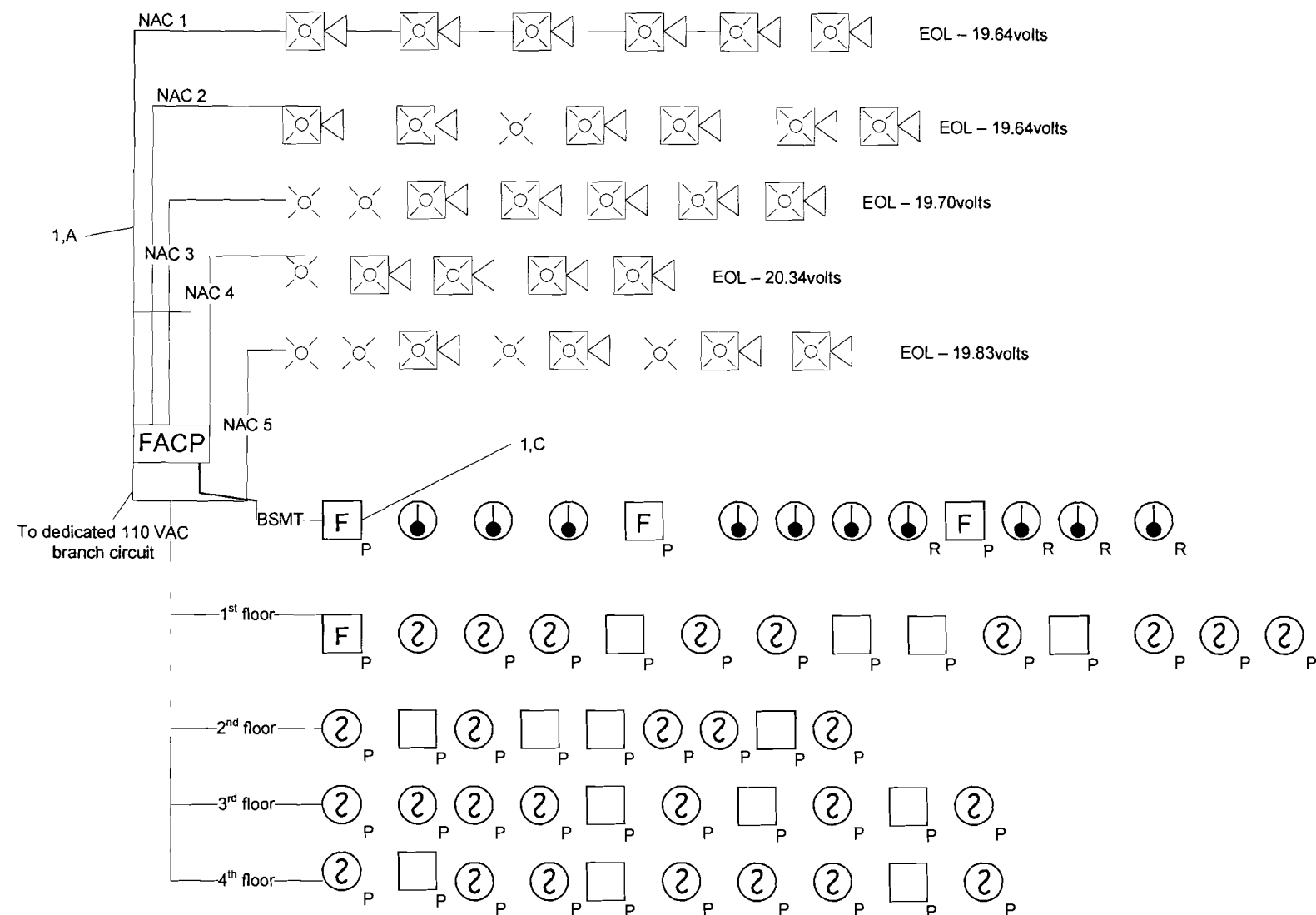
| 53 Exchange St | | |
|----------------|-------|----------------|
| Basement | | |
| Symbol | Count | Description |
| | 3 | Manual Station |
| | 10 | Heat Detector |
| | 6 | Horn w/ Light |








| | | | | |
|--|---|---|---------|---|
| | Kevin Inman, Certified Engineering Technician Fire Alarm Level III, NICET Cert. # 54325 | | | |
| | - | 10 Manuel Drive, Portland, Maine 04103 (207) 347-5318 | 5/23/11 | - |

| Protection One | | |
|----------------|---------|--------------|
| 53 Exchange | 6/14/11 | Device Riser |

| <u>Wire Legend</u> | | |
|--------------------|-------|------|
| Description | | |
| Letter | Gauge | Type |
| A | 12/2 | FPLR |
| B | 14/2 | FPLR |
| C | 16/2 | FPLR |
| D | 18/2 | FPLR |
| E | 12/4 | FPLR |
| F | 14/4 | FPLR |
| G | 16/4 | FPLR |
| H | 18/4 | FPLR |
| I | 18/6 | FPLR |



Parts List

| | | | | |
|---|-------|----|--|----------------------------|
|  | H/S | 25 | | Gentex Horn/Strobe |
|  | St | 8 | | Gentex Wall Strobe |
|  R | Heat | 10 | | Addressable Heat Detector |
|  P | P/S | 19 | | Addressable Pull Station |
|  P | Smoke | 35 | | Addressable Smoke Detector |