

FIRE ALARM AND EMERGENCY COMMUNICATION SYSTEM RECORD OF COMPLETION

To be completed by the system installation contractor at the time of system acceptance and approval.
It shall be permitted to modify this form as needed to provide a more complete and/or clear record.
Insert N/A in all unused lines.

Attach additional sheets, data, or calculations as necessary to provide a complete record.

1. PROPERTY INFORMATION

Name of property: Canal Landing
 Address: 100 West Commercial St Portland, ME
 Description of property: Warehouse
 Occupancy type:
 Name of property representative:
 Address:
 Phone: Fax: E-mail:
 Authority having jurisdiction over this property: Portland FD
 Phone: Fax: E-mail:

2. INSTALLATION, SERVICE, AND TESTING CONTRACTOR INFORMATION

Installation contractor for this equipment: Keelcy Electric
 Address:
 License or certification number:
 Phone: Fax: E-mail:
 Service organization for this equipment: Cunningham Security
 Address: 10 Princes Point Road; Yarmouth, ME
 License or certification number:
 Phone: Fax: E-mail:
 A contract for test and inspection in accordance with NFPA standards is in effect as of:
 Contracted testing company: Cunningham Security
 Address:
 Phone: Fax: E-mail:
 Contract expires: Contract number: Frequency of routine inspections:

3. DESCRIPTION OF SYSTEM OR SERVICE

- Fire alarm system (nonvoice)
- Fire alarm with in-building fire emergency voice alarm communication system (EVACS)
- Mass notification system (MNS)
- Combination system, with the following components:
 - Fire alarm
 - EVACS
 - MNS
 - Two-way, in-building, emergency communication system
- Other (specify):

NFPA 72, Fig. 10.18.2.1.1 (p. 1 of 12)

3. DESCRIPTION OF SYSTEM OR SERVICE (continued)

NFPA 72 edition:

Additional description of system(s):

3.1 Control Unit

Manufacturer: Fire Lite

Model number: ES200X

3.2 Mass Notification System

This system does not incorporate an MNS

3.2.1 System Type:

- In-building MNS—combination
- In-building MNS—stand-alone Wide-area MNS Distributed recipient MNS
- Other (specify):

3.2.2 System Features:

- Combination fire alarm/MNS MNS autonomous control unit Wide-area MNS to regional national alerting interface
- Local operating console (LOC) Direct recipient MNS (DRMNS) Wide-area MNS to DRMNS interface
- Wide-area MNS to high-power speaker array (HPSA) interface In-building MNS to wide-area MNS interface
- Other (specify):

3.3 System Documentation

An owner's manual, a copy of the manufacturer's instructions, a written sequence of operation, and a copy of the numbered record drawings are stored on site. Location:

3.4 System Software

This system does not have alterable site-specific software.

Operating system (executive) software revision level:

Site-specific software revision date: 3-5-20

Revision completed by: 3-5-20

A copy of the site-specific software is stored on site. Location:

3.5 Off-Premises Signal Transmission

This system does not have off-premises transmission.

Name of organization receiving alarm signals with phone numbers:

Alarm: Affiliated

Phone: 1800 296 9000

Supervisory: ↓

Phone: 1800 296 9000

Trouble:

Phone: 1800 296 9000

Entity to which alarms are retransmitted:

Phone:

Method of retransmission:

If Chapter 26, specify the means of transmission from the protected premises to the supervising station:

AES Radio

If Chapter 27, specify the type of auxiliary alarm system: Local energy Shunt Wired Wireless

4. CIRCUITS AND PATHWAYS

4.1 Signaling Line Pathways

4.1.1 Pathways Class Designations and Survivability

Pathways class: B Survivability level: 0 Quantity: 2
(See NFPA 72, Sections 12.3 and 12.4)

4.1.2 Pathways Utilizing Two or More Media

Quantity: _____ Description: _____

4.1.3 Device Power Pathways

- No separate power pathways from the signaling line pathway
- Power pathways are separate but of the same pathway classification as the signaling line pathway
- Power pathways are separate and different classification from the signaling line pathway

4.1.4 Isolation Modules

Quantity: _____

4.2 Alarm Initiating Device Pathways

4.2.1 Pathways Class Designations and Survivability

Pathways class: _____ Survivability level: _____ Quantity: _____
(See NFPA 72, Sections 12.3 and 12.4)

4.2.2 Pathways Utilizing Two or More Media

Quantity: _____ Description: _____

4.2.3 Device Power Pathways

- No separate power pathways from the initiating device pathway
- Power pathways are separate but of the same pathway classification as the initiating device pathway
- Power pathways are separate and different classification from the initiating device pathway

4.3 Non-Voice Audible System Pathways

4.3.1 Pathways Class Designations and Survivability

Pathways class: B Survivability level: 0 Quantity: 3
(See NFPA 72, Sections 12.3 and 12.4)

4.3.2 Pathways Utilizing Two or More Media

Quantity: _____ Description: _____

4.3.3 Device Power Pathways

- No separate power pathways from the notification appliance pathway
- Power pathways are separate but of the same pathway classification as the notification appliance pathway
- Power pathways are separate and different classification from the notification appliance pathway

NFPA 72, Fig. 10.18.2.1.1 (p. 3 of 12)

5. ALARM INITIATING DEVICES

5.1 Manual Initiating Devices

5.1.1 Manual Fire Alarm Boxes

This system does not have manual fire alarm boxes.

Type and number of devices: Addressable: 12 Conventional: _____ Coded: _____ Transmitter: _____

Other (specify): _____

5.1.2 Other Alarm Boxes

This system does not have other alarm boxes.

Description: _____

Type and number of devices: Addressable: _____ Conventional: _____ Coded: _____ Transmitter: _____

Other (specify): _____

5.2 Automatic Initiating Devices

5.2.1 Smoke Detectors

This system does not have smoke detectors.

Type and number of devices: Addressable: 1 Conventional: _____

Other (specify): _____

Type of coverage: Complete area Partial area Nonrequired partial area

Other (specify): _____

Type of smoke detector sensing technology: Ionization Photoelectric Multicriteria Aspirating Beam

Other (specify): _____

5.2.2 Duct Smoke Detectors

This system does not have alarm-causing duct smoke detectors.

Type and number of devices: Addressable: _____ Conventional: _____

Other (specify): _____

Type of coverage: _____

Type of smoke detector sensing technology: Ionization Photoelectric Aspirating Beam

5.2.3 Radiant Energy (Flame) Detectors

This system does not have radiant energy detectors.

Type and number of devices: Addressable: _____ Conventional: _____

Other (specify): _____

Type of coverage: _____

5.2.4 Gas Detectors

This system does not have gas detectors.

Type of detector(s): _____

Number of devices: Addressable: _____ Conventional: _____

Type of coverage: _____

5.2.5 Heat Detectors

This system does not have heat detectors.

Type and number of devices: Addressable: _____ Conventional: _____

Type of coverage: Complete area Partial area Nonrequired partial area Linear Spot

Type of heat detector sensing technology: Fixed temperature Rate-of-rise Rate compensated

NFPA 72, Fig. 10.18.2.1.1 (p. 4 of 12)

5. ALARM INITIATING DEVICES (continued)

5.2.6 Addressable Monitoring Modules

Number of devices: 4

This system does not have monitoring modules.

5.2.7 Waterflow Alarm Devices

Type and number of devices: Addressable: 2

This system does not have waterflow alarm devices.

Conventional: Coded: Transmitter:

5.2.8 Alarm Verification

Number of devices subject to alarm verification:

This system does not incorporate alarm verification.

Alarm verification set for: seconds

5.2.9 Presignal

Number of devices subject to presignal:

This system does not incorporate pre-signal.

Describe presignal functions:

5.2.10 Positive Alarm Sequence (PAS)

Describe PAS:

This system does not incorporate PAS.

5.2.11 Other Initiating Devices

Describe:

This system does not have other initiating devices.

6. SUPERVISORY SIGNAL-INITIATING DEVICES

6.1 Sprinkler System Supervisory Devices

Type and number of devices: Addressable: 4

This system does not have sprinkler supervisory devices.

Conventional: Coded: Transmitter:

Other (specify):

6.2 Fire Pump Description and Supervisory Devices

Type fire pump: Electric pump Engine

This system does not have a fire pump.

Type and number of devices: Addressable: Conventional: Coded: Transmitter:

Other (specify):

6.2.1 Fire Pump Functions Supervised

Power Running Phase reversal Selector switch not in auto Engine or control panel trouble Low fuel

Other (specify):

6.3 Duct Smoke Detectors (DSDs)

Type and number of devices: Addressable: Conventional:

This system does not have DSDs causing supervisory signals.

Other (specify):

Type of coverage:

Type of smoke detector sensing technology: Ionization Photoelectric Aspirating Beam

6.4 Other Supervisory Devices

Describe:

This system does not have other supervisory devices.

7. MONITORED SYSTEMS

7.1 Engine-Driven Generator

This system does not have a generator.

7.1.1 Generator Functions Supervised

Engine or control panel trouble Generator running Selector switch not in auto Low fuel

Other (specify):

7.2 Special Hazard Suppression Systems

This system does not monitor special hazard systems.

Description of special hazard system(s):

7.3 Other Monitoring Systems

This system does not monitor other systems.

Description of special hazard system(s):

8. ANNUNCIATORS

This system does not have annunciators.

8.1 Location and Description of Annunciators

Location 1: *2nd Floor Side Entry*

Location 2:

Location 3:

9. ALARM NOTIFICATION APPLIANCES

9.1 In-Building Fire Emergency Voice Alarm Communication System

This system does not have an EVACS.

Number of single voice alarm channels:

Number of multiple voice alarm channels:

Number of speakers:

Number of speaker circuits:

Location of amplification and sound-processing equipment:

Location of paging microphone stations:

Location 1:

Location 2:

Location 3:

9.2 Nonvoice Notification Appliances

This system does not have nonvoice notification appliances.

Horns: *21* With visible: *27*

Bells: With visible:

Chimes: With visible:

Visible only: *6* Other (describe):

9.3 Notification Appliance Power Extender Panels

This system does not have power extender panels.

Quantity:

Locations:

NFPA 72, Fig. 10.18.2.1.1 (p. 6 of 12)

10. MASS NOTIFICATION CONTROLS, APPLIANCES, AND CIRCUITS This system does not have an MNS.

10.1 MNS Local Operating Consoles

Location 1: _____

Location 2: _____

Location 3: _____

10.2 High-Power Speaker Arrays

Number of HPSA speaker initiation zones: _____

Location 1: _____

Location 2: _____

Location 3: _____

10.3 Mass Notification Devices

Combination fire alarm/MNS visible appliances: _____

MNS-only visible appliances: _____

Textual signs: _____

Other (describe): _____

Supervision class: _____

10.3.1 Special Hazard Notification

This system does not have special suppression pre-discharge notification.

MNS systems DO NOT override notification appliances required to provide special suppression pre-discharge notification.

11. TWO-WAY EMERGENCY COMMUNICATION SYSTEMS

11.1 Telephone System

This system does not have a two-way telephone system.

Number of telephone jacks installed: _____

Number of warden stations installed: _____

Number of telephone handsets stored on site: _____

Type of telephone system installed: Electrically powered Sound powered

11.2 Two-Way Radio Communications Enhancement System

This system does not have a two-way radio communications enhancement system.

Percentage of area covered by two-way radio service: Critical areas: _____ % General building areas: _____ %

Amplification component locations: _____

Inbound signal strength: _____ dBm Outbound signal strength: _____ dBm

Donor antenna isolation is: _____ dB above the signal booster gain

Radio frequencies covered: _____

Radio system monitor panel location: _____

11. TWO-WAY EMERGENCY COMMUNICATION SYSTEMS (continued)

11.3 Area of Refuge (Area of Rescue Assistance) Emergency Communications Systems

This system does not have an area of refuge (area of rescue assistance) emergency communications system.

Number of stations: _____ Location of central control point: _____

Days and hours when central control point is attended: _____

Location of alternate control point: _____

Days and hours when alternate control point is attended: _____

11.4 Elevator Emergency Communications Systems

This system does not have an elevator emergency communications system.

Number of elevators with stations: _____ Location of central control point: _____

Days and hours when central control point is attended: _____

Location of alternate control point: _____

Days and hours when alternate control point is attended: _____

11.5 Other Two-Way Communication Systems

Describe: _____

12. CONTROL FUNCTIONS

This system activates the following control functions:

- Hold-open door releasing devices Smoke management HVAC shutdown F/S dampers
- Door unlocking Elevator recall Fuel source shutdown Extinguishing agent release
- Elevator shunt trip Mass notification system override of fire alarm notification appliances

Other (specify): _____

12.1 Addressable Control Modules

This system does not have control modules.

Number of devices: _____

Other (specify): _____

13. SYSTEM POWER

13.1 Control Unit

13.1.1 Primary Power

Input voltage of control panel: 120

Control panel amps: 3

Overcurrent protection: Type: Breaker

Amps: 20

Location (of primary supply panel board): Main Sprinkler Room Panel 4

Disconnecting means location: #17

13.1.2 Engine-Driven Generator

This system does not have a generator.

Location of generator: _____

Location of fuel storage: _____

Type of fuel: _____

NFPA 72, Fig. 10.18.2.1.1 (p. 8 of 12)

13. SYSTEM POWER (continued)

13.1.3 Uninterruptible Power System

This system does not have a UPS.

Equipment powered by a UPS system:

Location of UPS system:

Calculated capacity of UPS batteries to drive the system components connected to it:

In standby mode (hours):

In alarm mode (minutes):

13.1.4 Batteries

Location: Panel Type: SLA Nominal voltage: 12 Amp/hour rating: 12

Calculated capacity of batteries to drive the system:

In standby mode (hours):

In alarm mode (minutes):

Batteries are marked with date of manufacture Battery calculations are attached

13.2 In-Building Fire Emergency Voice Alarm Communication System or Mass Notification System

This system does not have an EVACS or MNS system.

13.2.1 Primary Power

Input voltage of EVACS or MNS panel:

EVACS or MNS panel amps:

Overcurrent protection: Type:

Amps:

Location (of primary supply panel board):

Disconnecting means location:

13.2.2 Engine-Driven Generator

This system does not have a generator.

Location of generator:

Location of fuel storage:

Type of fuel:

13.2.3 Uninterruptible Power System

This system does not have a UPS.

Equipment powered by a UPS system:

Location of UPS system:

Calculated capacity of UPS batteries to drive the system components connected to it:

In standby mode (hours):

In alarm mode (minutes):

13.2.4 Batteries

Location: Type: Nominal voltage: Amp/hour rating:

Calculated capacity of batteries to drive the system:

In standby mode (hours):

In alarm mode (minutes):

Batteries are marked with date of manufacture Battery calculations are attached

13. SYSTEM POWER (continued)

13.3 Notification Appliance Power Extender Panels

This system does not have power extender panels.

13.3.1 Primary Power

Input voltage of power extender panel(s):

Power extender panel amps:

Overcurrent protection: Type:

Amps:

Location (of primary supply panel board):

Disconnecting means location:

13.3.2 Engine-Driven Generator

This system does not have a generator.

Location of generator:

Location of fuel storage:

Type of fuel:

13.3.3 Uninterruptible Power System

This system does not have a UPS.

Equipment powered by a UPS system:

Location of UPS system:

Calculated capacity of UPS batteries to drive the system components connected to it:

In standby mode (hours):

In alarm mode (minutes):

13.3.4 Batteries

Location:

Type:

Nominal voltage:

Amp/hour rating:

Calculated capacity of batteries to drive the system:

In standby mode (hours):

In alarm mode (minutes):

Batteries are marked with date of manufacture

Battery calculations are attached

14. RECORD OF SYSTEM INSTALLATION

Fill out after all installation is complete and wiring has been checked for opens, shorts, ground faults, and improper branching, but before conducting operational acceptance tests.

This is a: New system Modification to an existing system Permit number:

The system has been installed in accordance with the following requirements: (Note any or all that apply.)

NFPA 72, Edition: 2015

NFPA 70, National Electrical Code, Article 760, Edition: 2013

Manufacturer's published instructions

Other (specify):

System deviations from referenced NFPA standards:

Signed: 
Organization: Cunningham Sec.

Printed name: Jonathan Roth
Title: Tech.

Date: 3-5-20
Phone: 846 3356

NFPA 72, Fig. 10.18.2.1.1 (p. 10 of 12)

15. RECORD OF SYSTEM OPERATIONAL ACCEPTANCE TEST

New system

All operational features and functions of this system were tested by, or in the presence of, the signer shown below, on the date shown below, and were found to be operating properly in accordance with the requirements for the following:

Modifications to an existing system

All newly modified operational features and functions of the system were tested by, or in the presence of, the signer shown below, on the date shown below, and were found to be operating properly in accordance with the requirements of the following:

NFPA 72, Edition: 2018

NFPA 70, National Electrical Code, Article 760, Edition: 2018

Manufacturer's published instructions

Other (specify):

Individual device testing documentation [Inspection and Testing Form (Figure 14.6.2.4) is attached]

Signed: [Signature] Printed name: Jonathan Ruth Date: 3-5-20
Organization: Cunningham Sec. Title: Tech Phone: 846 3350

16. CERTIFICATIONS AND APPROVALS

16.1 System Installation Contractor:

This system, as specified herein, has been installed and tested according to all NFPA standards cited herein.

Signed: [Signature] Printed name: Jonathan Ruth Date: 3-5-20
Organization: Cunningham Sec. Title: Tech Phone: 846 3350

16.2 System Service Contractor:

The undersigned has a service contract for this system in effect as of the date shown below.

Signed: Printed name: Date:
Organization: Title: Phone:

16.3 Supervising Station:

This system, as specified herein, will be monitored according to all NFPA standards cited herein.

Signed: Printed name: Date:
Organization: Title: Phone:

NFPA 72, Fig. 10.18.2.1.1 (p. 11 of 12)

16. CERTIFICATIONS AND APPROVALS (continued)


16.4 Property or Owner Representative:

This system, as specified herein, will be monitored according to all NFPA standards cited herein.

Signed: _____	Printed name: _____	Date: _____
Organization: _____	Title: _____	Phone: _____

16.5 Authority Having Jurisdiction:

I have witnessed a satisfactory acceptance test of this system and find it to be installed and operating properly in accordance with its approved plans and specifications, with its approved sequence of operations, and with all NFPA standards cited herein.

Signed: 	Printed name: MICHAEL P CURRAN	Date: 3/5/20
Organization: ROSELAND FIRE DEPT	Title: FA TRGT	Phone: 653-2450