State of Maine
Department of Public Safety
Fire Sprinkler System Permit

10145

385 Cumberland Avenue

Located at: 385 Cumberland Avenue
In the Town of: Portland
Occupancy/Use: Residential
Type of System: NFPA 13R

Permission is hereby given to:

High Tech Fire Protection Co., Inc.
PO Box 156
Minot, ME 042580156
Contractor License # **102**

to begin installation according to plans submittal approved by the Office of State Fire Marshal.
The submittal is filed under log # **2121245** , and no departure from the application submittal shall be made without prior approval in writing. This permit is issued under the provisions of Title 32, Chapter 20, Section 12004-I. Nothing herein shall excuse the holder of this permit from failure to comply with local ordinances, zoning laws, o other pertinent legal restrictions. This permit shall be displayed at the construction site or be made readily available.

This permit was issued on **7/31/2012** for a fee paid of **$100.00**

This permit will expire at midnight on ***Sunday, January 27, 2013***

The expiration date applies only if the installation has not begun by that date and no permission has been granted to extend the date. Once installation begins, then the permit is valid for however long it takes to complete the installation, assuming that the work is fairly continuous.

John E Morris

John E. Morris
Commissioner

The type of Fire Department Connection and its location is to be according to the Local Fire Department

Within 30 days of the completion of a new fire sprinkler system or an addition to an existing fire sprinkler system, a fire sprinkler system contractor shall provide to the Office of State Fire Marshal a copy of this permit signed and dated by the certified Responsible Managing Supervisor representing that the fire sprinkler system has been installed according to specifications of the approved plan to the best of the supervisor's knowledge, information, and belief. This requirement is part of the sprinkler law, and neglect of this duty is grounds to not renew the contractor's license to do work in the State of Maine. All renewed sprinkler licenses are good for two years and expire on a June 30th.

Job completed, tested and verified by date of 12/12/2013

RMS for this job: Foss Jeremy A

RMS Signature:

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: Shalom House
Address: 385 Cumberland Ave Portland ME. 04101
Description of property:
Occupancy type:
Name of property representative:
Address:
Phone: Fax: E-mail:
Authority having jurisdiction over this property:
Phone: Fax: E-mail:

2. INSTALLATION, SERVICE, AND TESTING CONTRACTOR INFORMATION

Installation contractor for this equipment: Twin Electric
Address: 32 Garfield Westbrook 04092
License or certification number:
Phone: 207-318-8808 Fax: E-mail:
Service organization for this equipment: Cunningham Security
Address: 10 Princess Point Road Yarmouth ME
License or certification number:
Phone: 846 3350 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: 10 Princess Point Rd Yarmouth ME.
Phone: 846 3350 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):

3. DESCRIPTION OF SYSTEM OR SERVICE *(continued)*

NFPA 72 edition: Additional description of system(s):

3.1 Control Unit

Manufacturer: Fire Lite Model number: MS 9200 UD

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: Revision completed by:

☐ 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: Centra-Larm Phone: 1-800 639-2226

Supervisory: Phone:

Trouble: Phone:

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:

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: Survivability level: Quantity:
(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: Survivability level: Quantity:
(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

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: 2 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: 9 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: 9 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

5. ALARM INITIATING DEVICES *(continued)*

5.2.6 Addressable Monitoring Modules ☐ This system does not have monitoring modules.

Number of devices: 9

5.2.7 Waterflow Alarm Devices ☐ This system does not have waterflow alarm devices.

Type and number of devices: Addressable: 5 Conventional: Coded: Transmitter:

5.2.8 Alarm Verification ☐ This system does not incorporate alarm verification.

Number of devices subject to alarm verification: Alarm verification set for: seconds

5.2.9 Presignal ☑ This system does not incorporate pre-signal.

Number of devices subject to presignal:

Describe presignal functions:

5.2.10 Positive Alarm Sequence (PAS) ☑ This system does not incorporate PAS.

Describe PAS:

5.2.11 Other Initiating Devices ☐ This system does not have other initiating devices.

Describe: Gate valve Tampers

6. SUPERVISORY SIGNAL-INITIATING DEVICES

6.1 Sprinkler System Supervisory Devices ☐ This system does not have sprinkler supervisory devices.

Type and number of devices: Addressable: 5 Conventional: Coded: Transmitter:

Other (specify):

6.2 Fire Pump Description and Supervisory Devices ☑ This system does not have a fire pump.

Type fire pump: ☐ Electric pump ☐ Engine

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) ☑ This system does not have DSDs causing supervisory signals.

Type and number of devices: Addressable: Conventional:

Other (specify):

Type of coverage:

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

6.4 Other Supervisory Devices ☐ This system does not have other supervisory devices.

Describe:

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:

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: ✓ With visible: Bells: With visible: ✓

Chimes: With visible:

Visible only: ✓ Other (describe):

9.3 Notification Appliance Power Extender Panels ☑ This system does not have power extender panels.

Quantity:

Locations:

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 predischarge notification.

☐ MNS systems DO NOT override notification appliances required to provide special suppression predischarge 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 fuctions:

☐ 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 V A/C Control panel amps:

Overcurrent protection: Type: Breaker Amps:

Location (of primary supply panel board):

Disconnecting means location:

13.1.2 Engine-Driven Generator ☑ This system does not have a generator.

Location of generator:

Location of fuel storage: Type of fuel:

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: IN FACP Type: Sealed Nominal voltage: 12V 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:

☐ *NFPA 70, National Electrical Code,* Article 760, Edition:

☐ Manufacturer's published instructions

Other (specify):

System deviations from referenced NFPA standards:

Signed: Printed name: Date:

Organization: Title: Phone:

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:

☐ *NFPA 70, National Electrical Code,* Article 760, Edition:

☐ Manufacturer's published instructions

Other (specify):

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

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

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:	Printed name: Randy Mitchell	Date: 2-28-13
Organization: Twin Electric	Title:	Phone:

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: David Kotowski	Date:
Organization: Cunningham Security	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:

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.

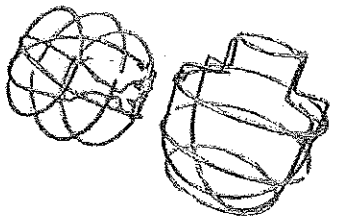
Signed:	Printed name:	Date:
Organization:	Title:	Phone:

data sheet

SPRINKLER HEAD GUARD (RECESSED)

Recessed Sprinkler Head Guards:
Designed to provide protection of the sprinkler head against Suitable for most recessed sprinkler applications.
Available in chrome finish.

Caution: Sprinkler Head Guards will not protect sprinkler heads from severe abuse or impact.



Specifications
Type: Formed wire cage
Sizes: 1-pc 1/2" (nominal)
Material: .080" mild steel wire
Finish: Chrome
Dimensions: 3-1/2" tall x 3" wide

Installation:
Installation can be accomplished without tools and can be installed in the pendent position.
Disengage both hooks on either side of the guard.
Spread the cage open just enough to clear the sprinkler frame and deflector being careful not to damage the sprinkler.
Engage the open end of the cage at the base of the sprinkler between the frame and the threads.
Re-engage both hooks on either side of the sprinkler. Make sure the recessed skirt has been properly repositioned on the retainer of the sprinkler head according to the sprinkler head manufacturers specifications.
*Only use when the Recessed Sprinkler Head Guard can be installed without interfering with proper sprinkler head installation according to the sprinkler head manufacturers installation specifications and instructions.

Item #	Description	Box Quantity	Weight
4530155	Recessed Sprinkler Head Guard	100	.11 lbs

FOR MORE INFORMATION CALL ARGCO AT 800-854-1015
OR LOG ONTO ARGCO.COM

City of Portland, Maine - Building or Use Permit

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

Permit No:	Date Applied For:	CBL:
201250143	11/13/2012	033 I009001

Location of Construction:	Owner Name:	Owner Address:	Phone:
385 CUMBERLAND AVE	SHALOM HOUSE INC	106 GILMAN ST	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	Cunningham Security Systems	10 Prince Point Road Yarmouth	(207) 846-3350
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	
		Fire Alarm System	

Proposed Use:	Proposed Project Description:
Fire Alarm Permit	install supervised fire alarm system

Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 11/13/2012

Note: **Ok to Issue:** ☑

Dept: Fire **Status:** Approved w/Conditions **Reviewer:** Ben Wallace Jr **Approval Date:** 01/01/2013

Note: **Ok to Issue:** ☑

1) A master box connection is not authorized for this building.
2) 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.
3) System acceptance and commissioning must be coordinated with alarm and suppression system contractors and the Fire Department. Call 874-8703 to schedule.
4) A Model 4100 Knox Box is required. A hinged 3200 series Knox Box may be used if the building is master keyed.
5) All fire alarm records required by NFPA 72 should be stored in an approved cabinet located at the FACP labeled "FIRE ALARM RECORDS".
6) Central/Supervising Station monitoring for addressable fire alarm systems shall be by point.
7) Records cabinet, FACP, annunciator(s), and pull stations shall be keyed alike.
8) 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.
9) All smoke detectors and smoke alarms shall be photoelectric.
10 In field installation shall be installed per code as conditions dictate.
11 The fire alarm system shall be certified by a master fire alarm company and have a new fire alarm inspection sticker.
12 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