



12 South Center Street
Bensenville, IL 60106

Office: 630.350.3404
Fax: 630.350.3438
www.bensenville.il.us

VILLAGE BOARD

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July 12, 2023

Mr. Dan Nix
638 East Golf Road
Arlington Heights, Illinois 60005

Re: July 11, 2023 FOIA Request

Dear Mr. Nix:

I am pleased to help you with your July 11, 2023 Freedom of Information Act ("FOIA"). The Village of Bensenville received your request on July 11, 2023. You requested copies of the items indicated below:

"Requesting Building Permit #12604 approval documentation."

Your FOIA is hereby granted in full with the enclosed records. No redactions have been made.

Do not hesitate to contact me if you have any questions or concerns in connection with this response.

Very truly yours,

Corey Williamsen
Freedom of Information Officer
Village of Bensenville

VILLAGE OF BENSENVILLE

Department of Community and Economic Development
12 S. Center St. Bensenville, IL 60106
Phone: 630.350.3413 Fax: 630.350.3449

PERMIT APPLICATION

Application Number

12604

CHECK ONE: ☐ RESIDENTIAL ☐ MULTI-RESIDENTIAL ☒ NON-RESIDENTIAL

146 W. Irving Park Rd., Bensenville, IL

SITE ADDRESS

1

UNIT No.

P.I.N.

C-1 ZONING DISTRICT

Fire Alarm Installation

\$4,800.00

DESCRIPTION OF WORK

ESTIMATED COST

Name of Business on Site (non-residential): Wingstop

GENERAL CONTRACTOR: Customized Protection Services, Inc.

18325

ADDRESS: 830 Warren Ave.,

CITY, STATE & ZIP: Downers Grove, IL 60515

PHONE: 630-963-2410

E-MAIL: mjacobo@customizedfx.com jrodriguez@customizedfx.com

IF NECESSARY, ADDITIONAL LICENSED CONTRACTORS MUST COMPLETE & ATTACH LICENSE CERTIFICATE & BOND ON PAGE 2

OWNER AND APPLICANT INFORMATION

No error or omission in either the plans or application in having the work completed in any other manner than that it is compliance with the approved plans and the applicable codes and ordinances of the Village of Bensenville and the State of Illinois. All work shall be completed, inspected and approved as required and no occupancy or use of the space shall be permitted until approved in writing by the Department of Community and Economic Development. The applicant shall be responsible for all fees associated with the instant permit, including but limited to cancellation fees, plan review fees, and re-inspection fees. Understanding the preceding statements, I hereby agree to comply and declare that to the best of my knowledge and belief the information provided is true and accurate.

Jason Rodriguez - Customized Protection

3/01/2021

Applicant's Name (Print)

Applicant's Signature

830 Warren Ave.,

Downers Grove, IL 60515

Date

630-963-2410

Address

City, State & ZIP

Day Time Phone

mjacobo@customizedfx.com

Applicant's Email Address

Correspondence and escrow refunds can only be completed if the address of the applicant is kept current, which is applicant's responsibility. I hereby authorize the above listed applicant to complete the provisions of the applicable code and ordinances of this permit.

Brian Properties, Inc. as Agent

11/15/2022

Property Owner's Name (Print)

Property Owner's Signature

Date

2045 S Arlington heights Rd Suite 100

Arlington heights, IL 60005

847-640-1500

Address

City, State & ZIP

Day Time Phone

OFFICE USE ONLY

BUILDING INFORMATION

☐ New Construction ☐ Addition
☐ Alteration ☐ Accessory

Storm-water Permit Required Yes ☐ NO ☐

Milestone Dates:

11-15-22 Applied
11-18-22 Approved
11-23-22 Issued
05-23-23 Expires

Fees:

ESCROW \$ 190.00
APPLICATION \$ 100.00
PLAN REVIEW \$ 27.00
INSPECTIONS (1 X \$35 / \$45) \$ 45.00
OTHER \$ 150.00

OTHER \$

TOTAL FEES DUE \$ 502.00



PAID BY:

CONTRACT

APPROVED BY:

[Signature]

FILE COPY
Village of Bensenville

VILLAGE OF BENSENVILLE

Department of Community and Economic Development

CONDITIONS OF THE PERMIT

SITE LOCATION: 146 WEST IRVING PARK ROAD
INTENDED USE: C-1
APPLICATION NO: 12604
APPLICATION TYPE: FIRE ALARM SYSTEM C/F
DESCRIPTION OF WORK: FIRE ALARM SYSTEM

1. All work whether approved or not shall be in compliance with the applicable codes and ordinances.
2. Contact the Community and Economic Development Department 24 hours in advance at 630-350-3413 for any necessary inspections.
3. No work except what has been approved or required shall be permitted through the execution of this permit. No changes to the approved plans will be permitted without authorization by the Department of Community and Economic Development in writing.
4. THESE PLANS & CONDITIONS MUST BE AT THE JOB SITE AND AVAILABLE FOR EACH INSPECTION. If the approved copy is not available, the inspection will not be conducted and the report shall be marked "Not Approved." DO NOT REMOVE THESE CONTIONS FROM THE PLANS.
5. SPECIAL CONDITIONS TO APPLICATION NUMBER 146 WEST IRVING PARK ROAD

PLAN EXAMINER REVIEW

Kitchen Hood- Ansul System. Shall be installed per manufactures specification.
Balloon test and exhaust systems shall be inspected

Fire alarm system needs to be install per NFPA 72; 2002 Edition (PERMIT NEEDED).

Fire alarm acceptance test shall be witnessed by Village Inspector. Call 1-630-350-3413 to schedule.

Low voltage wiring shall be protected in all vertical applications.
Horizional runs need to be supported though bridal rings.

Wiring shall not be connected in any way to any plumbing, gas, water, sprinkler lines, etc.

Zone map, no less than 8.5 inches x 11 inches shall be permanently located near the fire alarm control panel, and near annunciator panel if one is required.

Zone list shall also be provided in same location(s).

Inspection and approval from the village electrical inspector is required before a request for a alarm acceptance test can be scheduled.

Call 630-350-3413 to schedule electrical inspection.

Provide a copy of certificate of completion, at time of acceptance test.

Once electrical inspection is approved, call 1-630-350-3413 to schedule alarm acceptance test.

Key box shall be installed on the address side of the building.

Order on line at www.knoxbox.com, or call Anderson Lock at 1-847-296-1157.

The battery back-up shall provide 60 hours of stand-by power and 5 minutes of load alarm condition to all equipment essential to the fire alarm system operation. Batteries shall be permanently marked with the month and the year of manufacture

An exterior rated horn/strobe alarm device shall be installed on the exterior of all buildings to identify the building in alarm from a distance, the location of which shall be determined by the fire code official.

All fire alarm control panels or full function annunciator panels shall be installed within 10'-0" of the main entrance unless otherwise approved by the fire code official.

All work must be performed in a neat and workmanlike manner by persons who are skilled in their trades in full performance with the Village Code. All work must be inspected in accordance with the inspection lists provided with this permit. Owner/Contractor is responsible to expose any work concealed without the required inspection and approval.

The completion of this project and the bond refund process is subject to the final inspection and approval by the Village Inspector. NOTE: All debris and landscaping must be returned to original conditions prior to final inspection.

Having read and understood the preceding conditions, I hereby agree to comply with them.


SIGNATURE

Mercedes E. Lacoba
NAME (PRINT)

11/23/22
DATE

Ron Herff

FILE COPY

Village of Bensenville

From: Ron Herff
Sent: Friday, November 18, 2022 11:14 AM
To: 'mjacobo@customizedfx.com'
Subject: Fire Alarm Permit 146 W Irving Park Rd, Bensenville IL

Mr. Rodriquez, your fire alarm permit for 146 W Irving Park RD Bensenville IL is ready for pick up at the Bensenville Village Hall 12 S Center Bensenville IL.

FEES:

Escrow----- \$ 180.00

Application, review and inspections \$ 322.00

Total:----- \$ 502.00

Ron Herff
Deputy Director/Fire Marshall
Community & Economic Development

Village of Bensenville
12 S Center Street
Bensenville, IL 60106

Office: 630-594-1009
Cell: 630-880-9622
Fax: 630-350-3449

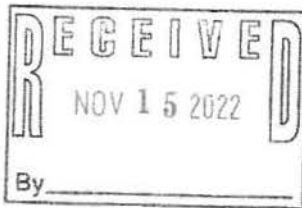


BENSENVILLE
COMMUNITY & ECONOMIC DEVELOPMENT

Customized Protection Services, Inc.

830 Warren Avenue
Downers Grove, IL 60515
630-963-2410
630-963-6305 fax

FILE COPY
Village of Bensenville



Date: November 15, 2022.

Submittal Documentation for Fire Alarm Installation Permit

PROJECT	COMPANY INFORMATION
Wingstop	Customized Protection Services, Inc
146 W. Irving Park Rd. Bensenville, IL 60106	Jason Rodriguez ✕ jrodriguez@customizedfx.com 708-785-9716
	Mercedes Jacobo ✕ mjacobos@customizedfx.com

ENCLOSED

- ☐ Plan
- ☐ Cut Sheets
- ☐ Building Permit Application
- ☐ Illinois State License

NOTES:

- 2 Sets of submittals

Sincerely
Mercedes Jacobo.
Office Manager

Committed to Perfection in Property Protection
State of Illinois Alarm Contractors License #127-001475

State of Illinois
Department of Financial and Professional Regulation
Division of Professional Regulation

LICENSE NO.
127.001475
124.001481

The person, firm, or corporation whose name appears on this certificate has complied with the provisions of the Illinois Statutes and/or rules and regulations and is hereby authorized to engage in the activity as indicated below.

EXPIRES:
08/31/2023

**LICENSED PRIVATE ALARM CONTRACTOR
AGENCY**

CUSTOMIZED PROTECTION SERVICES INC
830 WARREN AVE
DOWNERS GROVE, IL 60515-3731

 **DEBORAH HAGAN**
SECRETARY

 **CECILIA ABUNDIS**
ACTING DIRECTOR

The official status of this license can be verified at www.idfpr.com 15037785

Cut on Dotted Line ✂

For future reference, IDFPR is now providing each person/business a unique identification number, 'Access ID', which may be used in lieu of a social security number, date of birth or FEIN number when contacting the IDFPR. Your Access ID is: 3651709

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Village of Bensenville

FL-PS6(C) & FL-PS10(C)

**6 Amp and 10 Amp, 24 Volt
Remote Power Supplies**

Village of Bensenville

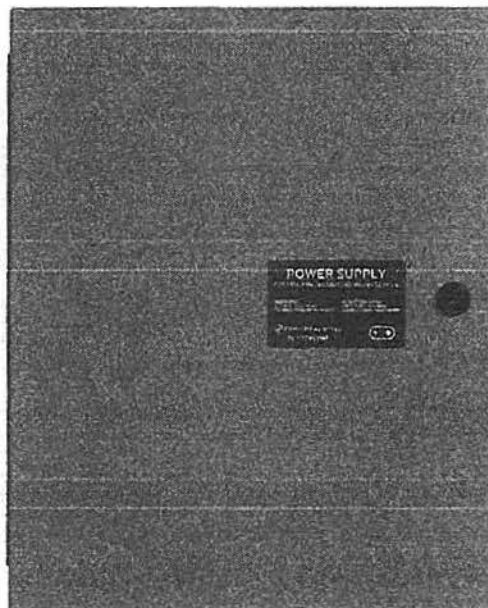
Fire-LITE Alarms
by Honeywell

Power Supplies/Accessories**General**

The PS Series is a remote power supply line from Fire-Lite Alarms and is a direct replacement for the FCPS-24FS6/8 Series. The FL-PS6(C) is a 6 amp and the FL-PS10(C) is a 10 amp, remote power supply with battery charger that may be connected to any 12 or 24 volt fire alarm control panel (FACP) or used as a standalone power supply. The PS Series provides 24 VDC power for NACs (notification appliance circuits) configured as either Class B or Class A (requires the ZNAC-PS option card) with multiple sync protocol options. The PS Series also provides auxiliary power, constant or resettable, suited for detectors, annunciators, door holders, and other fire alarm system peripherals. The PS Series cabinet can hold two 7 AH or 18 AH batteries and can charge up to 33 AH batteries in a separate cabinet.

Features

- Up to five (6 amp model) or seven (10 amp model) independently-configurable, power-limited output circuits for:
 - Class B and/or Class A NACs
 - Class B and/or Class A resettable or non-resettable 24V auxiliary power
 - door holder power
- Converts from Class B to Class A wiring without losing any outputs using the ZNAC-PS converter card (sold separately)
- Optimal for powering four-wire smoke detectors, annunciators, and other system peripherals requiring regulated power
- Configurable for ANSI® Temporal 3 or Temporal 4 coded output
- UL-Listed NAC synchronization using System Sensor®, Wheelock®, Gentex®, or AMSECO® appliances
- Synchronization can be triggered from FACP NAC/remote sync outputs, cascaded power supply, or a control module, single or multi, which may be housed within the power supply cabinet
- Ability to cascade up to four power supplies
- Two (6 amp model) or three (10 amp model) fully-isolated input/control circuits which can be programmed to any output
- Two Form C normally-closed trouble relays for AC Trouble and General Trouble, Ground Fault relay available on Canadian models only
- 6 or 10 amp full load output, respectively, with 3 A maximum/circuit
- Individual NAC power and trouble LEDs for diagnostic efficiency
- Trouble history modes for diagnostic support
- Wide range end-of-line supervision value (normal: 2K-27K ohms)
- Selectable earth fault detection (enable or disable)
- AC trouble report delay timer
- Completely configurable via onboard DIP switches, no extra software required
- Self-contained in compact, locking cabinet constructed of heavy gauge steel with a corrosion-resistant powder coat chip and scratch-resistant finish
- Cabinet designed with ten double knockouts and a removable door for ease of installation and wiring
- Includes integral battery charger capable of charging up to 33 AH batteries
- Cabinet can house two 7 AH or 18 AH batteries



- Battery charger may be disabled via DIP switch for applications requiring larger batteries and external battery charger
- Removable terminal blocks accommodate up to 12 AWG (3.1mm²) wire
- Works with any UL 864 FACP which utilizes an industry-standard reverse-polarity notification circuit
- Optional devices include addressable control, monitor, and relay modules and power-supervision relay (EOLR-1)

Standards and Codes

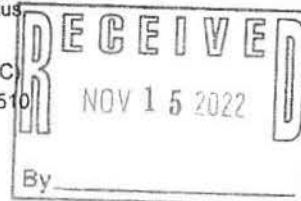
The FL-PS Series comply with the following standards:

- **NFPA 72** National Fire Alarm Code
- **UL 864** Standard for Control Units for Fire Alarm Systems (NAC expander mode), 10th Edition
- **UL 1481** Power Supplies for Fire Alarm Systems
- **IBC 2009** (when using SEISKIT-MULTI-1)
- **CBC 2007** (when using SEISKIT-MULTI-1)

Agency Listings and Approvals

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL Listed:** S2424
- **ULC Listed:** S2424 (FL-PS6/10C)
- **CSFM Approved:** 7315-0075:0510
- **FDNY Approved**
- **FM Approved**



SYSTEM SPECIFICATIONS

Primary (AC) Power:

- **FL-PS6(C):** 120 VAC, 50/60 Hz, 5.0A maximum
- **FL-PS10(C):** 120VAC, 50/60 Hz, 6.2 A maximum
- **Wire Size:** #12-14 AWG with 600 V insulation

Command Input Circuit:

- **Trigger Input Voltage:** 9 to 32 VDC
- **Trigger Current:** 2.0 mA (16 - 32 V); Per Input: 1.0 mA (9 - 16 V)

Trouble Contact Rating: 4 A at 24 VDC

Output Circuits:

- 24 VDC filtered, regulated
- **FL-PS6:** TB8-TB9 – 1A Regulated, 3A special applications; TB10-TB12 – 0.3A Regulated, 3A special applications
- **FL-PS10:** TB8-TB11 – 1.5A Regulated, 3A special applications; TB12-TB14 – 0.3A Regulated, 3A special applications
- 6.0 A (FL-PS6) or 10.0 A (FL-PS10) maximum total continuous current for all outputs

Secondary Power (Battery) Charging Circuit:

- Supports lead-acid batteries only
- Float-charge voltage: 27.6 VDC
- Maximum current charge: 1.5 A
- Maximum battery capacity: 18 AH (inside cabinet)
- Maximum battery charging capacity: 33 AH (external cabinet)

Physical:

- **Dimensions:** 20.0"H x 14.5"W x 3.5"D (cm: 50.8H x 36.83W x 8.9D)
- **Weight:** with two 7Ah batteries is 24 pounds (10.9 kg), with two 18 AH batteries is 39 pounds (17.7 kg)

Ordering Information

FL-PS6: 6.0 A, 120 VAC remote charger power supply in a lockable, metal enclosure

FL-PS6C: Same as above, ULC-listed model

FL-PS10: 10.0 A, 120 VAC remote charger power supply in a lockable, metal enclosure

FL-PS10C: Same as above, ULC-listed model

ZNAC-PS: Optional Class A output converter module

CMF-300: Addressable Control Module for one Class B or Class A zone of supervised, polarized Notification Appliances. Notification Appliance Circuit option requires external 24 VDC to power notification appliances.

CRF-300: Addressable relay module containing two isolated sets of Form-C contacts, which operate as a DPDT switch

MMF-300: Addressable Monitor Module for one zone of normally open dry-contact initiating devices. Includes plastic cover plate and end-of-line resistor. Module may be configured for either a Class B or Class A IDC.

MDF-300: Dual Monitor Module. Same as MMF-300 except it provides two inputs for Class B wiring only

CDRM-300: Provides two monitored inputs and two Form-C relays. Functions in Class B wiring only.

CMF-300-6: Six-circuit supervised control module

CRF-300-6: Six Form-C relay control module

EOLR-1: 12/24 VDC end-of-line relay for monitoring four-wire smoke detector power

BAT-1270-BP: Battery, 12 volt, 7.0 AH, 5-pack (two required).

BAT-12180-BP: Battery, 12 volt, 18AH, 2-pack

BAT-12330: Battery, 12 volt, 33AH

SEISKIT-MULTI-1: Seismic kit for the FL-PS Series. Includes bracket and hardware for two 7AH or two 18AH batteries.

Fire-Lite® Alarms and System Sensor® are registered trademarks of Honeywell International, Inc. Wheelock® is a registered trademark of Cooper Technologies Company. Gentex® is a registered trademark of Gentex Corporation. AMSECO® is a registered trademark of Potter Electric Signal Company, LLC. ANSI® is a registered trademark of the American National Standards Institute, Inc. ©2020 by Honeywell International Inc. All rights reserved. Unauthorized use of this document is strictly prohibited.



This document is not intended to be used for installation purposes.
We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
All specifications are subject to change without notice.

For more information, contact Fire-Lite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.
www.firelite.com



Country of Origin: USA



Indoor Selectable-Output Horns, Strobes, and Horn Strobes for Wall Applications

System Sensor L-Series audible visible notification products are rich with features guaranteed to cut installation times and maximize profits with lower current draw and modern aesthetics.

Features

- Updated Modern Aesthetics
- Small profile devices for Horns and Horn Strobes
- Plug-in design with minimal intrusion into the back box
- Tamper-resistant construction
- Automatic selection of 12- or 24-volt operation at 15 and 30 candela
- Field-selectable candela settings on wall units: 15, 30, 75, 95, 110, 135, and 185
- Horn rated at 88+ dBA at 16 volts
- Rotary switch for horn tone and two volume selections
- Mounting plate for all standard and all compact wall units
- Mounting plate shorting spring checks wiring continuity before device installation
- Electrically Compatible with legacy SpectrAlert and SpectAlert Advance devices
- Compatible with MDL3 sync module
- Listed for wall mounting only

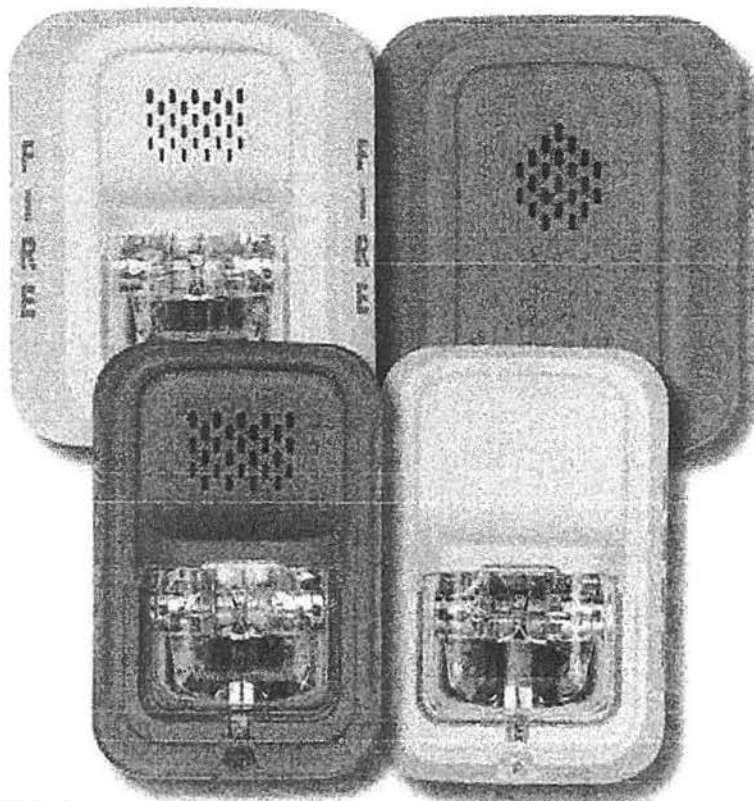
Agency Listings



FM approved except
for ALERT models
3067395, 3067072



7125-1653 0534
7125-1653 0533



The System Sensor L-Series offers the most versatile and easy-to-use line of horns, strobes, and horn strobes in the industry with lower current draws and modern aesthetics. With white and red plastic housings, standard and compact devices, and plain FIRE and FUEGO-printed devices, System Sensor L-Series can meet virtually any application requirement.

The L-Series line of wall-mount horns, strobes, and horn strobes include a variety of features that increase their application versatility while simplifying installation. All devices feature plug-in designs with minimal intrusion into the back box, making installations fast and foolproof while virtually eliminating costly and time-consuming ground faults.

To further simplify installation and protect devices from construction damage, the L-Series utilizes a universal mounting plate for all models with an onboard shorting spring, so installers can test wiring continuity before the device is installed.

Installers can also easily adapt devices to suit a wide range of application requirements using field-selectable candela settings, automatic selection of 12- or 24-volt operation, and a rotary switch for horn tones with two volume selections.

L-Series Specifications

Architect/Engineer Specifications

General

L-Series standard horns, strobes, and horn strobes shall mount to a standard 2 x 4 x 1 7/8-inch back box, 4 x 4 x 1 1/2-inch back box, 4-inch octagon back box, or double-gang back box. L-Series compact products shall mount to a single-gang 2 x 4 x 1 7/8-inch back box. A universal mounting plate shall be used for mounting ceiling and wall products for all standard models and a separate universal mounting plate shall be used for mounting wall compact models. The notification appliance circuit wiring shall terminate at the universal mounting plate. Also, L-Series products, when used with the Sync•Circuit™ Module accessory, shall be powered from a non-coded notification appliance circuit output and shall operate on a nominal 12 or 24 volts. When used with the Sync•Circuit Module, 12-volt-rated notification appliance circuit outputs shall operate between 8.5 and 17.5 volts; 24-volt-rated notification appliance circuit outputs shall operate between 16.5 and 33 volts. Indoor L-Series products shall operate between 32 and 120 degrees Fahrenheit from a regulated DC or full-wave rectified unfiltered power supply. Strobes and horn strobes shall have field-selectable candela settings including 15, 30, 75, 95, 110, 135, and 185.

Strobe

The strobe shall be a System Sensor L-Series Model _____ listed to UL 1971 and shall be approved for fire protective service. The strobe shall be wired as a primary-signaling notification appliance and comply with the Americans with Disabilities Act requirements for visible signaling appliances, flashing at 1 Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system.

Horn Strobe Combination

The horn strobe shall be a System Sensor L-Series Model _____ listed to UL 1971 and UL 464 and shall be approved for fire protective service. The horn strobe shall be wired as a primary-signaling notification appliance and comply with the Americans with Disabilities Act requirements for visible signaling appliances, flashing at 1 Hz over the strobe's entire operating voltage range. The strobe light shall consist of a xenon flash tube and associated lens/reflector system. The horn shall have two audibility options and an option to switch between a temporal three pattern and a non-temporal (continuous) pattern. These options are set by a multiple position switch. The horn or horn strobe models shall operate on a coded or non-coded power supply.

Synchronization Module

The module shall be a System Sensor Sync•Circuit model MDL3 listed to UL 464 and shall be approved for fire protective service. The module shall synchronize SpectraAlert strobes at 1 Hz and horns at temporal three. Also, while operating the strobes, the module shall silence the horns on horn strobe models over a single pair of wires. The module shall mount to a 4 1/16 x 4 1/16 x 2 1/8-inch back box. The module shall also control two Style Y (class B) circuits or one Style Z (class A) circuit. The module shall synchronize multiple zones. Daisy chaining two or more synchronization modules together will synchronize all the zones they control. The module shall not operate on a coded power supply.

Physical/Electrical Specifications

Standard Operating Temperature	32°F to 120°F (0°C to 49°C)
Humidity Range	10 to 93% non-condensing
Strobe Flash Rate	1 flash per second
Nominal Voltage	Regulated 12 DC or regulated 24 DC/FWR ^{1,2}
Operating Voltage Range	8 to 17.5 V (12 V nominal) or 16 to 33 V (24 V nominal)
Operating Voltage Range MDL3 Sync Module	8.5 to 17.5 V (12 V nominal) or 16.5 to 33 V (24 V nominal)
Input Terminal Wire Gauge	12 to 18 AWG
Wall-Mount Dimensions (including lens)	5.6" L x 4.7" W x 1.91" D (143 mm L x 119 mm W x 49 mm D)
Compact Wall-Mount Dimensions (including lens)	5.26" L x 3.46" W x 1.91" D (133 mm L x 88 mm W x 49 mm D)
Horn Dimensions	5.6" L x 4.7" W x 1.25" D (143 mm L x 119 mm W x 32 mm D)
Compact Horn Dimensions	5.25" L x 3.45" W x 1.25" D (133mm L x 88mm W x 32mm D)

1. Full Wave Rectified (FWR) voltage is a non-regulated, time-varying power source that is used on some power supply and panel outputs.

2. Strobe products will operate at 12 V nominal only for 15 cd and 30 cd.

UL Current Draw Data

UL Max. Strobe Current Draw (mA RMS)				
	Candela	8-17.5 Volts		16-33 Volts
		DC	DC	FWR
Candela Range	15	88	43	60
	30	143	63	83
	75	N/A	107	136
	95	N/A	121	155
	110	N/A	148	179
	135	N/A	172	209
	185	N/A	222	257

UL Max. Horn Current Draw (mA RMS)				
	dB	8-17.5 Volts		16-33 Volts
		DC	DC	FWR
Temporal	High	39	44	54
Temporal	Low	28	32	54
Non-Temporal	High	43	47	54
Non-Temporal	Low	29	32	54
3.1 KHz Temporal	High	39	41	54
3.1 KHz Temporal	Low	29	32	54
3.1 KHz Non-Temporal	High	42	43	54
3.1 KHz Non-Temporal	Low	28	29	54
Coded	High	43	47	54
3.1 KHz Coded	High	42	43	54

UL Max. Current Draw (mA RMS), 2-Wire Horn Strobe, Candela Range (15-115 cd)

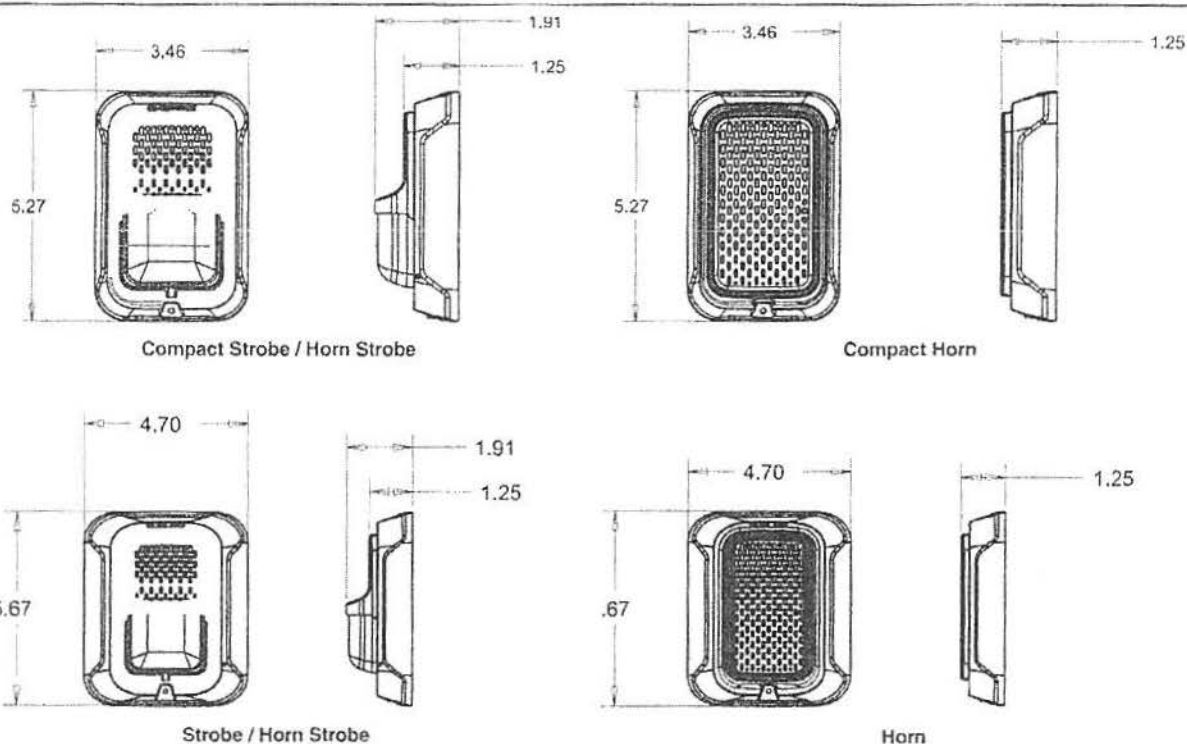
DC Input	8-17.5 Volts		16-33 Volts						
	15cd	30cd	15cd	30cd	75cd	95cd	110cd	135cd	185cd
Temporal High	98	158	54	74	121	142	162	196	245
Temporal Low	93	154	44	65	111	133	157	184	235
Non-Temporal High	106	166	73	94	139	160	182	211	262
Non-Temporal Low	93	156	51	71	119	139	162	190	239
3.1K Temporal High	93	156	53	73	119	140	164	190	242
3.1K Temporal Low	91	154	45	66	112	133	160	185	235
3.1K Non-Temporal High	99	162	69	90	135	157	175	208	261
3.1K Non-Temporal Low	93	156	52	72	119	138	162	192	242
FWR Input	16-33 Volts								
	15cd	30cd	75cd	95cd	110cd	135cd	185cd		
Temporal High	83	107	156	177	198	234	287		
Temporal Low	68	91	145	165	185	223	271		
Non-Temporal High	111	135	185	207	230	264	316		
Non-Temporal Low	79	104	157	175	197	235	283		
3.1K Temporal High	81	105	155	177	196	234	284		
3.1K Temporal Low	68	90	145	166	185	222	276		
3.1K Non-Temporal High	104	131	177	204	230	264	326		
3.1K Non-Temporal Low	77	102	156	177	199	234	291		

Horn Tones and Sound Output Data

Horn and Horn Strobe Output (dBA)					
Switch Position	Sound Pattern	dB	8-17.5 Volts	16-33 Volts	
			DC	DC	FWR
1	Temporal	High	84	89	89
2	Temporal	Low	75	83	83
3	Non-Temporal	High	85	90	90
4	Non-Temporal	Low	76	84	84
5	3.1 KHz Temporal	High	83	88	88
6	3.1 KHz Temporal	Low	76	82	82
7	3.1 KHz Non-Temporal	High	84	89	89
8	3.1 KHz Non-Temporal	Low	77	83	83
9*	Coded	High	85	90	90
10*	3.1 KHz Coded	High	84	89	89

* Settings 9 and 10 are not available on the 2-wire horn strobes.

L-Series Dimensions



L-Series Ordering Information

Model	Description
Wall Horn Strobes	
P2RL	2-Wire, Horn Strobe, Red
P2WL	2-Wire, Horn Strobe, White
P2GRL	2-Wire, Compact Horn Strobe, Red
P2GWL	2-Wire, Compact Horn Strobe, White
P2RL-P	2-Wire, Horn Strobe, Red, Plain
P2WL-P	2-Wire, Horn Strobe, White, Plain
P2RL-SP	2-Wire, Horn Strobe, Red, FUEGO
P2WL-SP	2-Wire, Horn Strobe, White, FUEGO
Wall Strobes	
SRL	Strobe, Red
SWL	Strobe, White
SGRL	Compact Strobe, Red
SGWL	Compact Strobe, White
SRL-P	Strobe, Red, Plain
SWL-P	Strobe, White, Plain
SRL-SP	Strobe, Red, FUEGO
SWL-CLR-ALERT	Strobe, White, ALERT

Model	Description
Horns	
HRL	Horn, Red
HWL	Horn, White
HGRL	Compact Horn, Red
HGWL	Compact Horn, White
Accessories	
TR-2	Universal Wall Trim Ring Red
TR-2W	Universal Wall Trim Ring White
SBBRL	Wall Surface Mount Back Box, Red
SBBWL	Wall Surface Mount Back Box, White
SBBGRL	Compact Wall Surface Mount Back Box, Red
SBBGWL	Compact Wall Surface Mount Back Box, White

Notes:

All -P models have a plain housing (no "FIRE" marking on cover)
 All -SP models have "FUEGO" marking on cover
 All -ALERT models have "ALERT" marking on cover



3825 Ohio Avenue • St. Charles, IL 60174
 Phone: 800-SENSOR2 • Fax: 630-377-6495
www.systemsensor.com

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 Product specifications subject to change without notice. Visit www.systemsensor.com
 for current product information, including the latest version of this data sheet.
 AVD580593 • 03/17

2420 Vantage Drive
 Elgin, IL 60124
 (847) 428-7010

Nº 405193

INSPECTION REPORT
BENSENVILLE IL
 (Municipality)

Contractor/Owner:	COMTUMIZE Protection		Date:	3.6.23
Address:	146 IRVING PARK RD		Permit No.:	12604
Location:			Project Code No.:	98044
Time:		10:15-1045		
	(Building)	(Mechanical)	(Electrical)	(Plumbing)

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> Footing | <input type="checkbox"/> Insulation | <input type="checkbox"/> Concrete Pour | <input type="checkbox"/> Building |
| <input type="checkbox"/> Foundation | <input type="checkbox"/> Electric Service | <input checked="" type="checkbox"/> Fire Alarm | <input type="checkbox"/> Mechanical |
| <input type="checkbox"/> Foundation Backfill | <input type="checkbox"/> Zoning | <input type="checkbox"/> Fire Suppression | <input checked="" type="checkbox"/> Electrical |
| <input type="checkbox"/> Other: _____ | | | <input type="checkbox"/> Plumbing |
-
- | | | | |
|--------------------------------------|--------------------------------|---|--|
| <input type="checkbox"/> Underground | <input type="checkbox"/> Rough | <input checked="" type="checkbox"/> Final | <input type="checkbox"/> Re-Inspection |
|--------------------------------------|--------------------------------|---|--|
-
- | | | | |
|---------------------------------------|---|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> 1 & 2 Family | <input checked="" type="checkbox"/> Commercial/Industrial | <input type="checkbox"/> Multi-Family | <input type="checkbox"/> Mobile Home |
|---------------------------------------|---|---------------------------------------|--------------------------------------|

Inspection Comments:

LINE VOLTAGE TO ALARM Panel

OPCD GOOD

PANEL LABEL GOOD

LOCK OUT GOOD

☐ Re-Inspection Required ☐ Approved As Noted

Received By:  (Signature)

Inspector:  (Signature)

Printed Name: _____

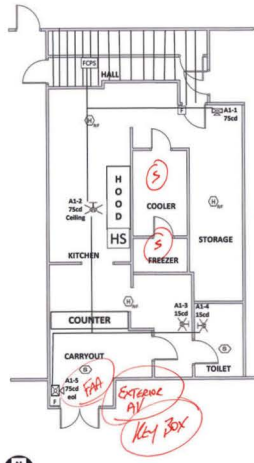
Printed Name: daniel gomo

NOTIFIED: ☐ Owner ☒ Contractor ☐ Applicant ☐ Agent
 BY: ☐ Mail ☐ Fax ☐ Inspection Report Posted

FILE COPY
Village of Bensenville

ANSUL SYSTEM?
IN THE KITCHEN?

REVIEWED FOR CODE COMPLIANCE
VILLAGE OF BENSENVILLE
AS NOTED ON CONDITIONS OF PERMIT
BY: *[Signature]* DATE: 11/18/2022
NOTICE: APPROVAL OF PLANS DOES NOT CONSTITUTE A GUARANTEE BY THE VILLAGE ENGINEER OR ANY OTHER OFFICIAL OF THE VILLAGE OF BENSENVILLE. THE CONTRACTOR OR OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR OBTAINING ALL NECESSARY APPROVALS FROM ALL AFFECTED AGENCIES. THE VILLAGE ENGINEER OR ANY OTHER OFFICIAL OF THE VILLAGE OF BENSENVILLE SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO THE PROPERTY OR PERSONS OR FOR ANY OTHER LOSS OR INJURY RESULTING FROM THE CONSTRUCTION OR OPERATION OF THE PROJECT.



FIRE ALARM PLAN SCALE 1/8"=1'

FIRE ALARM SCOPE OF WORK
ALTER EXISTING FIRE ALARM SYSTEM FOR NEW TENANT BUILD OUT
ALL DETECTION EQUIPMENT IS EXISTING
ALL NOTIFICATION DEVICES ARE NEW
PERFORM 100% ACCEPTANCE TEST W/AHJ

Wingstop Bensenville - Battery Calculation Report

PANEL INFORMATION			
Panel Type	FL-P56ControlPanel		
No. of Lamps	0		
No. of Devices	1		
Status	PASS		
BATTERY & CHARGER REQUIREMENT			
Normal Operation	60 Hours	BAT-12120	12Ah
In Alarm	5 Mins	Suggested Battery	Required Capacity
Required Standby (watts-hours)	Required in Alarm (watts-hours)		
0.139	60	- 8.34 Ah	0.0635 (5mins)
			0.0635 (5mins)
			- 0.0134 Ah
Total Current Load			
= 8.333Ah			
Multiply by standing factor = 1.1			
Adding with spare capacity = 10A			
Total amp-hours required = 10.024 Ah			
PANEL MODULES			
No. of Modules	1	200Watt and Consumed	0.07%
	0%		00%
Module Name			
Module Name	Quantity	Comment (A/C)	Alarm (A/C)
MAIN CIRCUIT BOARD WITH 47N EOLAR INSTALLED	1	120	127
NAC CIRCUITS			
NAC Circuit	Quantity	Comment (A/C)	Alarm (A/C)
NAC Circuit 1	0.039	0	0
NAC Circuit 2	0	0	0
NAC Circuit 3	0	0	0
NAC Circuit 4	0	0	0
NAC Circuit 5	0	0	0

Wingstop Bensenville - Voltage Drop Calculation Report

POWER SOURCE									
Power Source	FL-P56 CLASS B	Brand	FirstLife	Model Number	FL-P56 CLASS B	Nominal System Voltage	20A VOLTS		
CIRCUIT 1									
NAC Circuit1	0.039 AMPS	CLASS B	AWG	5	Devices	0.039 AMPS USED	0.32 VOLTAGE DROP		
#	Device Model	Candela	Pattern	Volume	Tone	CURRENT (AMPS)	Dist from prev device	Volts	
1	P2RL	75	Temporal	High	Electromechanical	0.121	50	20.0	
2	SCRL	75				0.111	40	20.27	
3	SRL	15				0.043	40	20.19	
4	SRL	15				0.043	40	20.12	
5	P2RL	75	Temporal	High	Electromechanical	0.121	40	20.08	

APPLICABLE CODES FOR MUNICIPALITY OF BENSENVILLE, IL:

2015 INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS
2015 INTERNATIONAL FIRE CODE WITH LOCAL AMENDMENTS
2015 INTERNATIONAL MECHANICAL CODE WITH LOCAL AMENDMENTS
2015 FIRE ALARM CODE WITH LOCAL AMENDMENTS
2015 INTERNATIONAL PROPERTY MAINTENANCE CODE WITH LOCAL AMENDMENTS
2015 ILLINOIS ELECTRIC CODE WITH LOCAL AMENDMENTS
2014 ILLINOIS PLUMBING CODE
2014 NATIONAL ELECTRIC CODE WITH LOCAL AMENDMENTS

ZONING	
Zone District	CD COMMERCIAL DISTRICT
SITE DATA	
Site	15150 S. 150th
Total Site Area	1.000 AC FT
Bottom of Existing Building	15150
OCCUPANCY	
Device & Business	PROPOSED BUSINESS
Construction Type / Use Group / Fire Protection	
Construction Type	
One Story / Type III	
Exterior Wall Height 12'-0"	
Fire Protection Systems	
Automatic Sprinklers	YES

Wire Information

CIRCUIT S-Signaling Circuit- 18 Gauge
2 conductor FPLR

CIRCUIT N- NAC Circuits- 16 Gauge 2
conductor FPLR

Legend

Fire Alarm Power Supply	FCPS
Annunciator	FAA
Smoke Detector	S
Heat Detector	H
Pull Station	F
Horn/Strobe Light	HS
Strobe Light	HS
HOOD SUPPRESSION	HS

Fire Alarm Plan

Wingstop
146 W Irving Park Rd.
Bensenville, IL

Scale 1/8"=1'

Revisions
Date Description



Drawing Created by:
Jason Rodriguez
jrodriguez@customizedfx.com

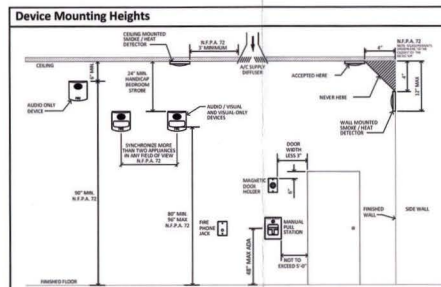
Designed by
James Chvalovsky
Nicet III
85615

Customized Protection Services Inc.
830 Warren Ave.
Downers Grove, IL 60515
630-963-2410
License 127-001475

11/14/22

Fire Alarm Notes:

- Fire alarm panel IS EXISTING AND TO REMAIN THE SAME
- Fire alarm monitoring IS EXISTING AND TO REMAIN THE SAME
- Wiring will be run exposed ABOVE DROP CEILING
- All connections/terminations will be made inside an electrical box
- All fire alarm pull stations will be installed so that they are 48" A.F.F.
- All notification devices will be installed so that they are 84" A.F.F. on the wall or in ceiling.
- All audio and visual devices will be synchronized
- A 100% acceptance test will be done with the AHJ, adequate fire alarm, sprinkler, HVAC contractor personnel will be available for the test. The local officials shall have a minimum of 48 hours notice of the test.



	Activate Fire Alarm Signal	Activate Notification Appliances	Activate Supervisory Signal	Activate Trouble Signal	Display Condition and location	Transmit Alarm Signal	Transmit Supervisory Signal	Transmit Trouble Signal
Smoke Detector	X	X			X	X		
Pull Station	X	X			X	X		
HEAT DETECTOR	X	X			X	X		
HOOD SUPPRESSION	X	X			X	X		
Open circuit, short circuit, ground fault				X	X			X
AC Power fail				X	X			X
Low Battery				X	X			X