



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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Frank DeSimone

Board of Trustees

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Nicholas Panicola Jr.

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Village Clerk

Nancy Nolan

Village Manager

Evie K. Summers

September 12, 2024

Mr. Steven Harczos
4979 Indiana Avenue
Lisle, Illinois 60532

Re: September 11, 2024 FOIA Request

Dear Mr. Harczos:

I am pleased to help you with your September 11, 2024 Freedom of Information Act ("FOIA"). The Village of Bensenville received your request on September 11, 2023. You requested copies of the items indicated below:

"Looking for all permits and permit applications and any and all documents that you have for the current project at Bridgeway Senior Living at 303 East Washington St."


Your FOIA request is hereby granted in part and denied in part as follows. The attached records are being provided to you at no charge. Drawings have been withheld from disclosure under Section 7(1)(K) of FOIA.

You have the right to have the partial denial of your FOIA request reviewed by the Public Access Counselor (PAC) at the Office of the Illinois Attorney General. 5 ILCS 140/9.5(a). You may file your Request for Review with the PAC by writing to:

Ms. Sarah Pratt
Public Access Counselor
Office of the Attorney General
500 South 2nd Street
Springfield, Illinois 62706
Fax: 217-782-1396
E-mail: public.access@ilag.gov

You also have the right to seek judicial review of the partial denial of your FOIA request by filing a lawsuit in the State circuit court. 5 ILCS 140/11.

Very truly yours,


Corey Williamsen
Freedom of Information Officer
Village of Bensenville



VILLAGE OF BENSENVILLE

FREEDOM OF INFORMATION ACT

REQUEST FORM

TO: COREY WILLIAMSEN

Freedom of Information Officer
Village of Bensenville
12 S. Center Street
Bensenville, IL 60106

FROM:

Name Steven Harczos

Address 4979 Indiana ave

Lisle IL 60532

Phone 773-818-4224

E-Mail _____

16795

TITLES OR DESCRIPTION OF RECORDS REQUESTED (Please Include Date of Birth and Case Number for Police Records):

Looking for all permits and permit applications and any and all documents that you have for the current project at Bridgeway Senior Living at 303 East Washington St

☐

THIS REQUEST IS FOR A COMMERCIAL PURPOSE (You must state whether your request is for a commercial purpose. A request is for a "commercial purpose" if all or any part of the information will be used in any form for sale, resale, or solicitation or advertisement for sales or services. Failure to disclose whether a request is for a commercial purpose is a prosecutable violation of FOIA.)

Would like your request delivered via: ☐ E-Mail ☐ U.S. Mail ☐ Pick-Up*

*Pick-Up is available by appointment at Village Hall Monday thru Friday, between 8:00 a.m. – 5:00 p.m.

I understand that any payment need be received before any documents are copied and/or mailed.

Sept 11 2024

Date

SH

Signature

All FOIA responses are posted on the Village's website. Name and address of the requestor will be made public.

The first fifty (50) pages of the request are free. The fee charge is fifteen (15) cents after the first fifty (50) pages.

Unless otherwise notified, your request for public records will be compiled within five (5) working days.

Unless otherwise notified, any request for commercial purposes will be compiled within twenty-one (21) days working days.

COREY WILLIAMSEN, FREEDOM OF INFORMATION OFFICER

Telephone: (630) 350-3404 Facsimile: (630) 350-3438

E-mail Address: FOIArequest@bensenville.il.us

For Freedom of Information Officer Use Only

9/11/24
Date Request
Received

9/18/24
Date Response
Due

9/25/24
Date Extended
Response Due

\$0
Total Charges

9/12/24
Date Documents
Copied or Inspected

Received by Employee: _____

VILLAGE OF BENSENVILLE

Department of Community and Economic Development
12 S. Center St. Bensenville, IL 60106
Phone: 630.350.3411 Fax: 630.350.3440

PERMIT APPLICATION

Application Number
13863

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

303 EAST WASHINGTON STREET

SITE ADDRESS

UNIT No.

P.I.N.

ZONING DISTRICT

R-6

Interior Renovations

\$315,000.00

DESCRIPTION OF WORK

ESTIMATED COST

Name of Business on Site (non-residential): Bridgeway Senior Living

GENERAL CONTRACTOR: CHI Construction Inc 46222

ADDRESS: 4600 W. Touhy Ave CITY, STATE & ZIP: Lincolnwood IL, 60712

PHONE: 224-409-8134 E-MAIL: aaron@chiconstruction.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 not 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.

AARON Trachtman

Applicant's Name (Print)

4600 W. Touhy Ave

Address

aaron@chiconstruction.com

Applicant's Email Address

[Signature]

Applicant's Signature

Lincolnwood IL, 60712

City, State & ZIP

3/26/24

Date

224-409-8134

Day Time Phone

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.

Abe Langner

Property Owner's Name (Print)

303 E. Washington St

Address

[Signature]

Property Owner's Signature

Bensenville, IL, 60106

City, State & ZIP

3/28/24

Date

777-849-3685

Day Time Phone

OFFICE USE ONLY

BUILDING INFORMATION

☐ New Construction ☐ Addition
☒ Alteration ☐ Accessory

Storm-water Permit Required Yes ☐ No ☒

RECEIVED
MAR 28 2024

PAID BY Contractor

Milestone Dates:

3-28-24 Applied

4-3-24 Approved

APR 04 2024 Issued

10.4.24 Expires

Fees:

ESCROW \$ 225.00

APPLICATION \$ 400.00

PLAN REVIEW \$ 980.00

INSPECTIONS (33) \$35 / (645) \$ 1485.00

OTHER \$

OTHER \$

APPROVED BY: LC

TOTAL FEES DUE \$ 3090.00

VILLAGE OF BENSENVILLE

Department of Community and Economic Development

CONDITIONS OF THE PERMIT

SITE LOCATION: 303 EAST WASHINGTON STREET
INTENDED USE: R-6
APPLICATION NO: 13863
APPLICATION TYPE: NON-RESIDENTIAL ALTERATION OCC
DESCRIPTION OF WORK: INTERIOR RENOVATION

FILE COPY

-
1. All work, whether approved or not shall be in compliance with the applicable codes and ordinances.
 1. Contact the Community and Economic Development Department 24 hours in advance at 630-350-3413 for any necessary inspections.
 2. 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.
 3. 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 CONDITIONS FROM THE PLANS.
 4. SPECIAL CONDITIONS TO APPLICATION NUMBER 13863 PLAN EXAMINER REVIEW.

All conditions are mandatory, changes on the approved plans/documents will not be permitted without written authorization from the Community & Economic Development Department. Failure to comply with the preceding conditions will invalidate the approval of this permit.

The completion of this project and the bond refund process is subject to final inspection and approval by the Village Inspector(s). NOTE: Items not identified during this review will be addressed.

All work must be inspected in accordance with the inspection list provided with this permit. Work concealed without the required inspection and approval must be exposed for inspection (at owner's/contractor's expense) as directed by the Village Inspector.

Applicable Codes: 2015 International Building Code, 2021 Illinois Energy Conservation Code, 2014 National Electrical Code, 2014 Illinois Plumbing Code and Village of Bensenville Amendments.

All unused or abandoned electrical conduit, conductors, cables, fixtures, equipment, etc. shall be removed.

Boxes which are connected to a 3/4 inch conduit shall have a minimum depth of 2 1/8 inches, and shall be 4 x 4 inches or larger unless used for phone or data cables.

Any outlet box installed at or near the center of the ceiling of any bedroom, family room, den, study, dining room or similar room in a residential dwelling shall be listed for the support of a ceiling (paddle) fan.

Main panelboards shall have a main breaker within the panelboard enclosure. Allowances to the contrary within this code are hereby deleted.

Smoke alarms shall be installed in the following locations: Each sleeping room, outside each separate sleeping area in the immediate vicinity of the bedrooms and on each additional story of the dwelling including basements but not including crawl spaces and uninhabitable attics. A carbon monoxide alarm shall be installed within fifteen (15) feet of any sleeping area. All smoke and carbon monoxide alarms shall be interconnected in such a manner that the actuation of one alarm will activate all the alarms in the dwelling unit.

All 120-volt, single phase, 15 and 20 ampere branch circuits supplying outlets or devices installed in dwelling unit kitchens, family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, laundry areas, or similar rooms or areas shall have arc-fault circuit interrupter protection.

Joints and seams of ducts, air handlers and filter boxes shall be sealed.

Vent connector joints shall be joined with a minimum of three screws per connection.

Emergency and exit lights require 90 minute battery backup.

Low voltage wiring shall be protected in all vertical applications.

Horizontal runs need to be supported through braid rings.

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

All existing materials and or equipment intended to be re-used must be in compliance with the current code.

Additional emergency light and exit signage may need to be installed at the direction of the Village Inspector.

All receptacles installed in laundry areas require GFCI protection.

Access and working space shall be provided and maintained about all electrical equipment to permit ready and safe operation and maintenance of such equipment Nec 110.26

Any receptacle within six feet of the outside edge of a sink requires GFCI protection. This includes any receptacle behind an appliance (such as the refrigerator).

All existing plumbing that may pose a health or safety hazard must be revised to meet Illinois Plumbing Code.

Sprinkler head additions and/or relocation needs to be on separate permit.

Fire alarm additions or up grades to be on separate permit.

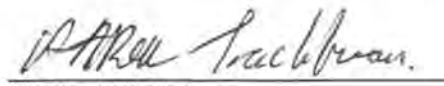
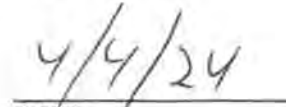
Provide a test and balance report at or before final mechanical inspection.

Plans are approved as noted above.

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.

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 its original conditions prior to final inspection.

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


SIGNATURE
NAME (PRINT)
DATE

INSPECTIO N ID	TYP E DES C	INSPECTIO N TYPE CODE	INSPECTION TYPE DESCRIPTION	INSPECTION STATUS DESCRIPTIO N	REQUESTE D TIME	INSPECTIO N COMMENT
110100		1278	DROP CEILING (MECHANICAL) (BI)			
110101		1288	DROP CEILING (ELECTRICAL) (EI)			
110102		1398	ROUGH ELECTRICAL (EI)			phase 1
110266		1398	ROUGH ELECTRICAL (EI)			phase 1
110272		1398	ROUGH ELECTRICAL (EI)			phase 2
110273		1398	ROUGH ELECTRICAL (EI)			phase 2
110274		1398	ROUGH ELECTRICAL (EI)			phase 2
110275		1398	ROUGH ELECTRICAL (EI)			phase 2
110276		1398	ROUGH ELECTRICAL (EI)			phase 2
110103		1408	ROUGH PLUMBING (PI)			phase 1
110267		1408	ROUGH PLUMBING (PI)			Phase 1
110268		1418	ROUGH MECHANICAL (BI)			phase 1
110104		1428	ROUGH FRAMING (BI)			phase 1
110287		1438	INSULATION (BI)			fire stopping
110288		1438	INSULATION (BI)			firestoppin g
110105		1478	FINAL PLUMBING (PI)			phase 1
110269		1478	FINAL PLUMBING (PI)			phase 1
110106		1498	FINAL ELECTRIC (EI)			phase 1
110270		1498	FINAL ELECTRIC (EI)			phase 1
110277		1498	FINAL ELECTRIC (EI)			phase 2
110278		1498	FINAL ELECTRIC (EI)			phase 2
110279		1498	FINAL ELECTRIC (EI)			phase 2
110280		1498	FINAL ELECTRIC (EI)			phase 2
110281		1498	FINAL ELECTRIC (EI)			phase 2
110107		1508	FINAL MECHANICAL (BI)			phase 1
110271		1508	FINAL MECHANICAL (BI)			phase 1
110108		1518	FINAL INSPECTIONS (BI)			phase 1
110282		1518	FINAL INSPECTIONS (BI)			phase 2
110283		1518	FINAL INSPECTIONS (BI)			phase 2
110284		1518	FINAL INSPECTIONS (BI)			phase 2
110285		1518	FINAL INSPECTIONS (BI)			phase 2
110286		1518	FINAL INSPECTIONS (BI)			phase 2
110109		1568	FIRE SAFETY (FI)			



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
03/28/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER State Farm ERIK R. NELSON, AGENT 12224 S HARLEM AVE PALOS HTS IL 60463		CONTACT NAME: ERIK NELSON PHONE (A/C, No., Exl): 708-430-7575 FAX (A/C, No): 708-430-7648 E-MAIL ADDRESS:	
INSURED VITOR ELECTRIC 2251 SPRUCEWOOD AVE DES PLAINES IL 60018		INSURER(S) AFFORDING COVERAGE INSURER A: State Farm Mutual Automobile Insurance Company INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	
		NAIC # 25178	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y		93-NE-A086-8	01/21/2024	01/21/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

Village of Bensenville
12 S Center St
Bensenville IL 60106

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Michelle J. Jervis

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LICENSE AND PERMIT BOND



STATE FARM FIRE AND CASUALTY COMPANY

BLOOMINGTON, ILLINOIS

KNOW ALL PERSONS BY THESE PRESENTS, That we, Vitor Electric

of _____ as Principal,
and STATE FARM FIRE AND CASUALTY COMPANY, a corporation organized under the laws of the State of Illinois,
having its principal office in the city of Bloomington, Illinois, as Surety, are held and firmly bound unto _____
Village of Bensenville

in the full and aggregate sum of Ten Thousand Dollars (\$10,000)
lawful money of the United States, for which payment well and truly to be made, we bind ourselves, our heirs, executors,
administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH that whereas the said Principal has been granted a
Electric Contractor

for a term beginning 03/28/2024 and ending 03/28/2025

NOW, THEREFORE, if the above Principal shall indemnify and save harmless the Obligee, against loss by reason of
said Principal's breach of any ordinance, rule or regulation relating to the above described license or permit, then this
obligation shall be null and void, otherwise to remain in full force and effect.

Provided, that if the Surety shall so elect, this bond may be cancelled by giving thirty (30) days notice in writing to
the said Obligee and this bond shall be deemed cancelled at the expiration of said thirty (30) days; but said Surety so filing
said notice shall not be discharged from any liability already incurred under this bond or which shall accrue hereunder
before the expiration of said thirty (30) day period.

This bond may be continued from year to year by means of a continuation certificate.

Signed, sealed and dated this 28th day of March, 2024.

A handwritten signature in black ink, appearing to be "Vitor Electric", written over a horizontal line.
Principal

By: _____

STATE FARM FIRE AND CASUALTY COMPANY

By: _____
Attorney-in-fact



POWER OF ATTORNEY

STATE FARM FIRE AND CASUALTY COMPANY

KNOW ALL PERSONS BY THESE PRESENTS: That STATE FARM FIRE AND CASUALTY COMPANY, an Illinois corporation, with its principal office in Bloomington, Illinois, does hereby constitute and appoint: Erik R Nelson

of Palos Heights, IL its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in the nature of a bond as follows:

\$ 2,500 - License, Permit or Indemnity — Financial Guarantee	\$100,000 - Administrator, Executor, or Trustee of a decedent's estate
\$25,000 - License & Permit — Code Compliance	\$50,000 - Guardian, Conservator, or Committee
\$25,000 - Public Official	\$25,000 - Receiver
\$50,000 - Notary Public	\$ 2,500 - Judicial

THIS POWER OF ATTORNEY IS NOT VALID FOR THE EXECUTION OF ANY CONTRACT (CONSTRUCTION OR SUPPLY) BOND - BID, PERFORMANCE OR PAYMENT.

This appointment is made under and by the authority of a resolution which was passed by the Executive Committee of the Board of Directors of State Farm Fire and Casualty Company on the 25th day of February, 2021, as is duly authorized by the Board of Directors in Article II, Section 6 of the By-Laws of the Company, which resolution is:

WHEREAS, the Board desires to delegate the authority to appoint persons as Attorneys-in-Fact for certain bonds, undertakings, or other writings obligatory in the nature of a bond.

RESOLVED, that any Officer of the Company who works regularly with surety bonds is hereby authorized to appoint and empower any representative of the Company as Attorney-in-Fact to execute on behalf of the Company any bonds, undertakings, or other writings obligatory in the nature of a bond, which the Company might execute through its officers. Any said execution of such documents by an Attorney-in-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by he regularly elected or appointed officers of the Company. Any Attorney-in-Fact, so appointed, may be removed for good cause and the authority so granted may be revoked as specified in the Power of Attorney.

IN WITNESS THEREOF, STATE FARM FIRE AND CASUALTY COMPANY has caused this instrument to be signed by its Officer, and its Corporate Seal to be affixed this 25th day of February, 2021.

This APPOINTMENT SHALL CEASE AND TERMINATE AUTOMATICALLY AS OF DECEMBER 31, 2025, UNLESS SOONER REVOKED AS PROVIDED.

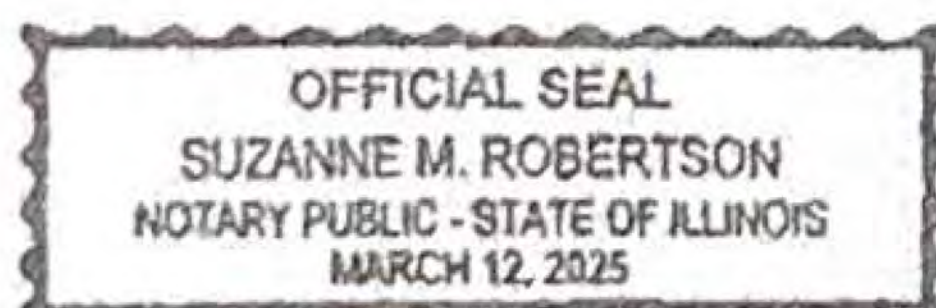


STATE FARM FIRE AND CASUALTY COMPANY

By: John R. Horton
John R. Horton - Assistant Secretary Treasurer

STATE OF ILLINOIS
COUNTY OF McLEAN

On this 25th day of February, 2021, before me personally came John R. Horton to me known, who being duly sworn, did depose and say that he is Assistant Secretary Treasurer of STATE FARM FIRE AND CASUALTY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such Corporate Seal; and that he executed said instrument on behalf of the corporation by authority of his office under the By-Laws of said corporation.



Suzanne M. Robertson
Notary Public
My commission expires March 12, 2025

CERTIFICATE

I, the undersigned Assistant Secretary Treasurer of STATE FARM FIRE AND CASUALTY COMPANY, do hereby certify that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and sealed at Bloomington, Illinois. Dated this 28th day of March, 2024



Julia Klinzing
Julia Klinzing - Assistant Secretary Treasurer

If you have a question concerning the validity of this Power of Attorney, call 309-766-2090.

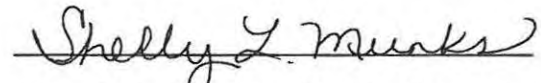
2024
MASTER ELECTRICAL LICENSE
IL-24-01-1390M

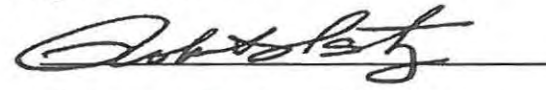
By Authority of the **CITY OF OTTAWA**, State of Illinois and in consideration of one hundred fifty dollars, this **MASTER ELECTRICAL LICENSE** is hereby granted to

VELIMIR VITOR
VITOR ELECTRIC

upon completing a written examination covering residential, commercial, and industrial installations to perform electrical contracting within the City of Ottawa's corporate boundaries.

For a term commencing January 1, 2024 thru December 31, 2024
said Registration Holder is subject to Ordinances of the City of Ottawa.
Witness the hand of the City Clerk and Mayor of the City of Ottawa this
17th day of January 2024.


City Clerk, Shelly L. Munks


Mayor, Robert Hasty

**City of Chicago
Department of Buildings
General Contractor's Licenses**

BY THE AUTHORITY OF THE CITY OF CHICAGO, THE FOLLOWING LICENSE IS HEREBY GRANTED TO :

CHI CONSTRUCTION INC
4600 W TOUHY AVE
LINCOLNWOOD IL 60712

LICENSE CLASS: (E) \$500,000 PROJECT CEILING



LICENSE NUMBER: TGC078907

CERTIFICATE NUMBER : GC078907-10

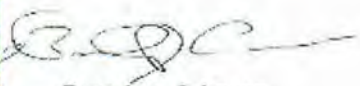
FEE: \$ 300

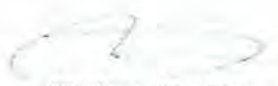
DATE ISSUED: 03/14/2024

DATE EXPIRES: 04/09/2025

THIS LICENSE IS NON-TRANSFERABLE

THIS LICENSE IS ISSUED AND ACCEPTED SUBJECT TO THE REPRESENTATIONS MADE ON THE APPLICATION FOR SAID LICENSE. THIS LICENSE MAY BE SUSPENDED OR REVOKED FOR CAUSE AS PROVIDED BY LAW. THE ABOVE LICENSEE SHALL OBSERVE AND COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS OF THE UNITED STATES, STATE OF ILLINOIS, COUNTY OF COOK AND CITY OF CHICAGO AND ALL AGENCIES THEREOF.


Brandon Johnson
Mayor


Marlene Hopkins
Acting Commissioner

LICENSED CONTRACTOR INFORMATION
COMPLETE ALL THAT APPLY

ROOFING

LICENSED CONTRACTOR	EMAIL	Day Time Phone
ADDRESS	City	State & Zip

PROVIDE A COPY OF ROOFERS LICENSE CERTIFICATE ☐

ELECTRICAL

LICENSED CONTRACTOR	EMAIL	Day Time Phone
ADDRESS	City	State & Zip

PROVIDE A COPY OF ELECTRICIANS LICENSE CERTIFICATE AND A SURETY BOND FOR \$10,000 ☐

PLUMBING

LICENSED CONTRACTOR	EMAIL	Day Time Phone
ADDRESS	City	State & Zip

PROVIDE A LETTER OF INTENT & A COPY OF PLUMBERS LICENSE CERTIFICATE ☐

Ron Herff

From: Ron Herff
Sent: Wednesday, May 15, 2024 4:02 PM
To: 'kotur30@yahoo.com'
Subject: 303 E Washington Sprinkler system Permit

Your Sprinkler permit is ready to be picked up at the Bensenville Village Hall 12 S Center.

Fees:

Escrow:----- \$ 180.00

Application, review and inspection: \$ 172.00

Total: -----\$ 352.00

If you have any questions please do not hesitate to give me a call.

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



VILLAGE OF BENSENVILLE

Department of Community and Economic Development

CONDITIONS OF THE PERMIT

SITE LOCATION: 303 EAST WASHINGTON STREET
INTENDED USE: R-6
APPLICATION NO: 13994
APPLICATION TYPE: FIRE SPRINKLER SYSTEM C/F
DESCRIPTION OF WORK: SPRINKLER SYSTEM

FILE COPY
Village of Bensenville

1. All work, whether approved or not shall be in compliance with the applicable codes and ordinances.
1. Contact the Community and Economic Development Department 24 hours in advance at 630-350-3413 for any necessary inspections.
2. 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.
3. 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 CONDITIONS FROM THE PLANS.
4. SPECIAL CONDITIONS TO APPLICATION NUMBER 13994 PLAN EXAMINER REVIEW.

Modification affecting 20 or fewer sprinkler heads shall not require testing in excess of system working pressure.
NFPA-13 24.2.1.4

All rooms or areas containing the building fire sprinkler riser(s), fire pump(s) and Fire Alarm Control Panel(s) shall be provided with approved emergency lighting and a thermostatically controlled heating system. A low temperature trouble alarm shall be installed within the pump/riser room and shall be connected to the fire alarm system

All actuation and control components, including remote manual pull stations, mechanical and electrical devices, detectors, and actuators, shall be tested for proper operation during the inspection in accordance with the manufacturer's procedures.

An exterior rated audio/visual alarm device with a red strobe shall be installed over the Fire Department Connection for all sprinkler and standpipe systems.

Plans approved as designed.

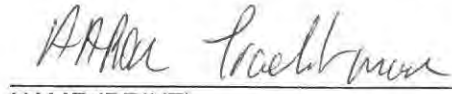
Plans approved as noted above.

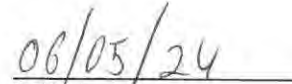
All work must be performed in a neat and workmanlike manner by persons who are skilled in their trades in full performance with the Village Code. All work must be inspected in accordance with the inspection lists provided with this permit. Owner/Contractor is responsible to expose any work concealed 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 its original conditions prior to final inspection.

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


SIGNATURE


NAME (PRINT)


DATE

Series LFII Residential Sprinklers 5.8 K-factor Pendent and Recessed Pendent Wet Pipe Systems

IMPORTANT

Refer to Technical Data Sheet TFP2300 for warnings pertaining to regulatory and health information. Always refer to Technical Data Sheet TFP700 for the "INSTALLER WARNING" that provides cautions with respect to handling and installation of sprinkler systems and components. Improper handling and installation can permanently damage a sprinkler system or its components and cause the sprinkler to fail to operate in a fire situation or cause it to operate prematurely.

Scan the QR code or enter the URL in a web browser to access the most up-to-date electronic version of this document. Data rates may apply.



docs.jci.com/tycofire/tp401

General Description

The TYCO Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) are decorative, fast response, frangible bulb sprinklers designed for use in residential occupancies such as homes, apartments, dormitories, and hotels. When aesthetics and optimized flow characteristics are the major consideration, the Series LFII Residential Sprinklers (TY3934) should be the first choice.

The Series LFII Residential Sprinklers are intended for use in the following scenarios:

- wet pipe residential sprinkler systems for one- and two-family dwellings and mobile homes per NFPA 13D
- wet pipe residential sprinkler systems for residential occupancies up to and including four stories in height per NFPA 13R
- wet pipe sprinkler systems for the residential portions of any occupancy per NFPA 13

The recessed version of the Series LFII Residential Sprinklers is intended for use in areas with finished ceilings. It employs a two-piece Style 20 Recessed Escutcheon. The Recessed Escutcheon provides 1/4 in. (6.4 mm) of recessed adjustment or up to 1/2 in. (12.7 mm) of total adjustment from the flush ceiling position. The adjustment provided by the Recessed Escutcheon reduces the accuracy to which the pipe drops to the sprinklers must be cut.

The Series LFII Residential Sprinklers have been designed with heat sensitivity and water distribution characteristics proven to help in the control of residential fires and to improve the chance for occupants to escape or be evacuated.

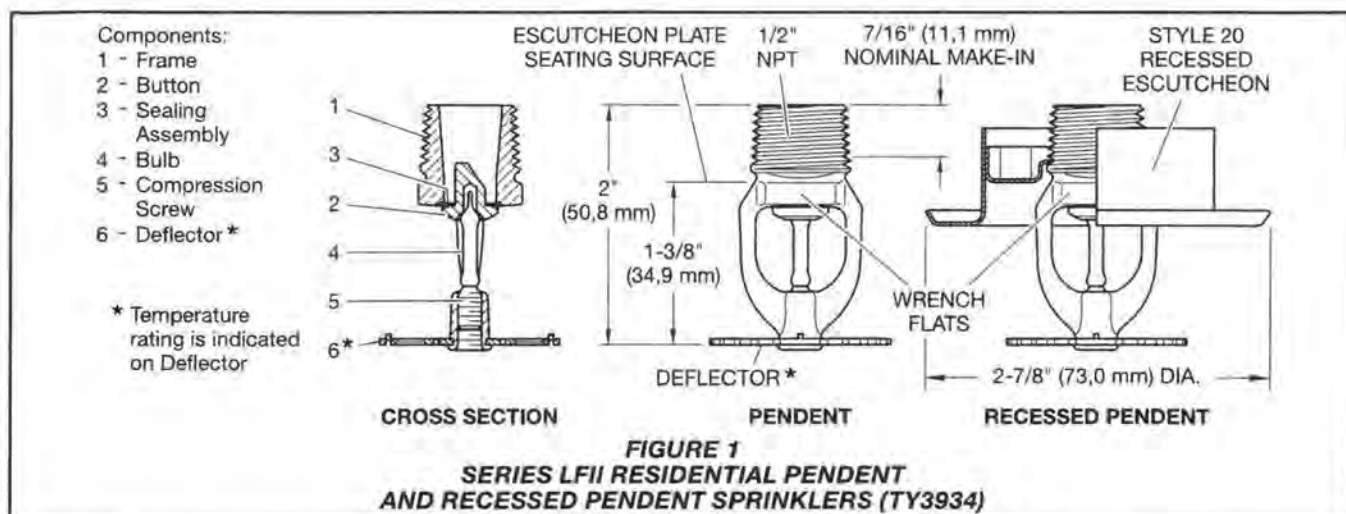
Corrosion-resistant coatings, where applicable, are utilized to extend the life of copper alloy sprinklers beyond that which would otherwise be obtained when exposed to corrosive atmospheres. Although corrosion-resistant coated sprinklers have passed the standard corrosion tests of the applicable Approval agencies, the testing is not representative of all possible corrosive atmospheres. Consequently, it is recommended that the end user be consulted with respect to the suitability of these coatings for any given corrosive environment. The effects of ambient temperature, concentration of chemicals, and gas/chemical velocity should be considered, as a minimum, along with the corrosive nature of the chemical to which the sprinklers will be exposed.



NOTICE

The Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) described herein must be installed and maintained in compliance with this document and the applicable standards of the NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), in addition to the standards of any authorities having jurisdiction. Failure to do so may impair the performance of these devices.

The owner is responsible for maintaining their fire protection system and devices in proper operating condition. Contact the installing contractor or product manufacturer with any questions.



Sprinkler Identification Number (SIN)

TY3934

Technical Data

Approvals

UL and C-UL Listed

Certified to all requirements of NSF/ANSI 61

Note: Sprinklers with a polyester finish are UL Listed as corrosion-resistant sprinklers.

Discharge Coefficient

$K = 5.8 \text{ GPM/psi}^{1/2}$ (83,5 LPM/bar^{1/2})

Temperature Rating

155°F (68°C) or 175°F (79°C)

Finishes

Natural Brass, Pure White Polyester Coated, Signal White Polyester Coated, Jet Black Polyester Coated, or Chrome Plated

Physical Characteristics

Frame	Brass
Button	Bronze
Sealing Assembly	Beryllium Nickel w/TEFLON
Bulb (3 mm)	Glass
Compression Screw	Brass
Deflector	Brass

Operation

The glass bulb contains a fluid that expands when exposed to heat. When the rated temperature is reached, the fluid expands sufficiently to shatter the glass bulb, allowing the sprinkler to activate and flow water.

Design Criteria

The TYCO Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) are to be installed in accordance with this section.

Residential Sprinkler Design Guide

When conditions exist that are outside the scope of the provided criteria, refer to the Residential Sprinkler Design Guide TFP490 for the manufacturer's recommendations that may be acceptable to the local authority having jurisdiction.

Ceiling Types

Smooth flat horizontal, or beamed, or sloped, in accordance with the 2013 Edition of NFPA 13D, 13R, or 13 as applicable.

Hydraulic Design (NFPA 13D and 13R)

For systems designed to NFPA 13D or NFPA 13R, the minimum required sprinkler flow rates are given in Table A as a function of temperature rating and the maximum allowable coverage areas. The sprinkler flow rate is the minimum required discharge from each of the total number of design sprinklers as specified in NFPA 13D or NFPA 13R. The number of design sprinklers specified in NFPA 13D and 13R for wet pipe systems is to be applied when designing dry pipe systems.

Hydraulic Design (NFPA 13)

For systems designed to NFPA 13, the number of design sprinklers is to be the four most hydraulically demanding sprinklers. The minimum required discharge from each of the four sprinklers is to be the greater of the following:

- The flow rates given in Table A as a function of temperature rating and the maximum allowable coverage area.
- A minimum discharge of 0.1 gpm/ft² over the design area comprised of the four most hydraulically demanding sprinklers for actual coverage areas protected by the four sprinklers.

Obstruction to Water Distribution

Sprinklers are to be located in accordance with the obstruction rules of NFPA 13D, 13R, and 13 as applicable for residential sprinklers as well as with the obstruction criteria described within the Technical Data Sheet TFP490.

Operational Sensitivity

Sprinklers are to be installed with a deflector-to-ceiling distance of 1 in. to 4 in. below smooth ceilings.

For Beamed Ceiling conditions as allowed by NFPA, the maximum deflector distance below the bottom of a beam is 1-3/4 in. Refer to the NFPA Standards for allowed beam configurations.

Sprinkler Spacing

The minimum spacing between sprinklers is 8 ft (2,4 m). The maximum spacing between sprinklers cannot exceed the length of the coverage area (Table A) being hydraulically calculated (for example, maximum 12 ft for a 12 ft x 12 ft coverage area, or 20 ft for a 20 ft x 20 ft coverage area).

Max. Coverage Area (a) ft x ft (m x m)	WET PIPE SYSTEM Minimum Flow and Residual Pressure ^(b, c)					Deflector to Ceiling	Installation Type	Minimum Spacing ft (m)
	Ordinary Temp. Rating 155°F (68°C)		Intermediate Temp. Rating 175°F (79°C)					
	Flow gpm (lpm)	Pressure psi (bar)	Flow gpm (lpm)	Pressure psi (bar)				
12 x 12 (3,7 x 3,7)	16 (60,6)	7.6 (0,52)	16 (60,6)	7.6 (0,52)	Smooth Ceilings 1 in. to 4 in. Beamed Ceilings per NFPA 13D or 13R 1 in. to 1-3/4 in. below bottom of beam.	Recessed using Style 20 Escutcheon or non-recessed per NFPA 13D, 13R, or 13	8 (2,4)	
14 x 14 (4,3 x 4,3)	16 (60,6)	7.6 (0,52)	16 (60,6)	7.6 (0,52)				
16 x 16 (4,9 x 4,9)	16 (60,6)	7.6 (0,52)	16 (60,6)	7.6 (0,52)				
18 x 18 (5,5 x 5,5)	18 (68,1)	9.6 (0,66)	18 (68,1)	9.6 (0,66)				
20 x 20 (6,1 x 6,1)	20 (75,7)	11.9 (0,82)	20 (75,7)	11.9 (0,82)				

Notes:

- For coverage area dimensions less than or between those indicated, use the minimum required flow for the next highest coverage area for which hydraulic design criteria are stated.
- Requirement is based on minimum flow in GPM (LPM) from each sprinkler. The associated residual pressures are calculated using the nominal K-factor. See Hydraulic Design under the Design Criteria section.
- For NFPA 13 residential applications, the greater of 0.1 gpm/ft² over the design area or the flow in accordance with the criteria in this table must be used.

TABLE A
WET PIPE SYSTEM
SERIES LFII RESIDENTIAL PENDENT AND RECESSED PENDENT SPRINKLERS (TY3934)
NFPA 13D, 13R, AND 13 HYDRAULIC DESIGN CRITERIA

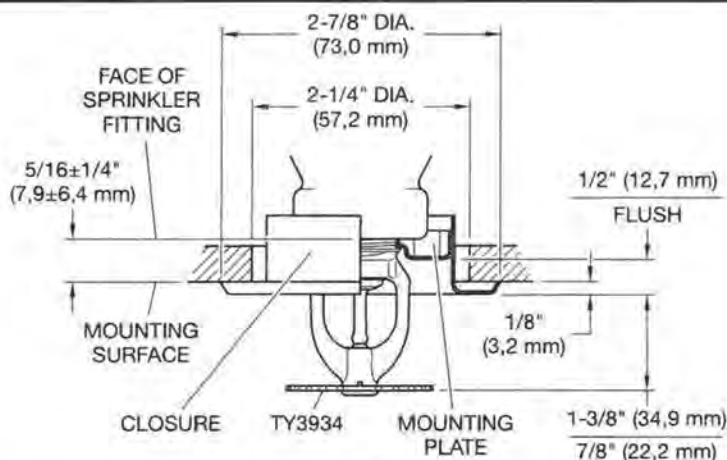


FIGURE 2
STYLE 20 RECESSED ESCUTCHEON FOR USE WITH THE
SERIES LFII RESIDENTIAL PENDENT SPRINKLER
(TY3934)

Installation

The TYCO Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) must be installed in accordance with this section.

General Instructions

Do not install any bulb type sprinkler if the bulb is cracked or there is a loss of liquid from the bulb. With the sprinkler held horizontally, a small air bubble should be present. The diameter of the air bubble is approximately 1/16 in. (1,6 mm).

A leak-tight 1/2 in. NPT sprinkler joint should be obtained by applying a minimum-to-maximum torque of 7 to 14 lb-ft (9,5 to 19,0 N·m). Higher levels of torque can distort the sprinkler Inlet with consequent leakage or impairment of the sprinkler.

Do not attempt to compensate for insufficient adjustment in an Escutcheon Plate by under- or over- tightening the sprinkler. Re-adjust the position of the sprinkler fitting to suit.



FIGURE 3
W-TYPE 6
SPRINKLER WRENCH



PUSH WRENCH
IN TO ENSURE
ENGAGEMENT
WITH SPRINKLER
WRENCHING AREA
FIGURE 4
W-TYPE 7 RECESSED
SPRINKLER WRENCH

Series LFII Residential Pendent Sprinkler Installation

The Series LFII Residential Pendent Sprinklers must be installed in accordance with the following instructions.

Step 1. Install pendent sprinklers in the pendent position with the deflector parallel to the ceiling.

Step 2. With pipe thread sealant applied to the pipe threads, hand-tighten the sprinkler into the sprinkler fitting.

Step 3. Tighten the sprinkler into the sprinkler fitting using only the W-Type 6 Sprinkler Wrench (Figure 3). With reference to Figure 1, apply the W-Type 6 Sprinkler Wrench to the wrench flats.

Series LFII Residential Recessed Pendent Sprinkler Installation

The Series LFII Residential Recessed Pendent Sprinklers must be installed in accordance with the following instructions.

Step A. Install recessed pendent sprinklers in the pendent position with the deflector parallel to the ceiling.

Step B. After installing the Style 20 Mounting Plate over the sprinkler threads and with pipe thread sealant applied to the pipe threads, hand-tighten the sprinkler into the sprinkler fitting.

Step C. Tighten the sprinkler into the sprinkler fitting using only the W-Type 7 Recessed Sprinkler Wrench (Figure 4). With reference to Figure 1, apply the W-Type 7 Recessed Sprinkler Wrench to the sprinkler wrench flats.

Step D. After the ceiling has been installed or the finish coat has been applied, slide on the Style 20 Closure over the Series LFII Residential Sprinkler and push the Closure over the Mounting Plate until its flange comes in contact with the ceiling.

Care and Maintenance

The TYCO Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) must be maintained and serviced in accordance with this section.

Before closing a fire protection system main control valve for maintenance work on the fire protection system that it controls, permission to shut down the affected fire protection system must be obtained from the proper authorities and notify all personnel who may be affected by this action.

Absence of the outer piece of an escutcheon, which is used to cover a clearance hole, can delay sprinkler operation in a fire situation.

The owner must assure that the sprinklers are not used for hanging any objects and that the sprinklers are only cleaned by means of gently dusting with a feather duster; otherwise, non-operation in the event of a fire or inadvertent operation may result.

Sprinklers which are found to be leaking or exhibiting visible signs of corrosion must be replaced.

Automatic sprinklers must never be painted, plated, coated, or otherwise altered after leaving the factory. Modified sprinklers must be replaced. Sprinklers that have been exposed to corrosive products of combustion, but have not operated, should be replaced if they cannot be completely cleaned by wiping the sprinkler with a cloth or by brushing it with a soft bristle brush.

Care must be exercised to avoid damage to the sprinklers - before, during, and after installation. Sprinklers damaged by dropping, striking, wrench twist/slippage, or the like, must be replaced. Also, replace any sprinkler that has a cracked bulb or that has lost liquid from its bulb. See the Installation Section.

The owner is responsible for the inspection, testing, and maintenance of their fire protection system and devices in compliance with this document, as well as with the applicable standards of the NATIONAL FIRE PROTECTION ASSOCIATION, for example, NFPA 25, in addition to the standards of any authorities having jurisdiction. Contact the installing contractor or product manufacturer regarding any questions.

Automatic sprinkler systems are recommended to be inspected, tested, and maintained by a qualified Inspection Service in accordance with local requirements and/or national codes.

Limited Warranty

For warranty terms and conditions, visit www.tyco-fire.com.

Ordering Procedure

Contact your local distributor for availability. When placing an order, indicate the full product name and Part Number (P/N).

Sprinkler Assembly

Specify: Series LFII (TY3934), K = 5.8, Residential Pendent Sprinkler, (specify) temperature rating, (specify) finish, P/N (specify):

155°F (68°C)	
Natural Brass	51-058-1-155
Pure White (RAL 9010)	
Polyester ^{1,2}	51-058-3-155
Signal White (RAL 9003)	
Polyester ¹	51-058-4-155
Jet Black (RAL 9005)	
Polyester ¹	51-058-5-155
Chrome Plated	51-058-9-155

175°F (79°C)	
Natural Brass	51-058-1-175
Pure White (RAL 9010)	
Polyester ^{1,2}	51-058-3-175
Signal White (RAL 9003)	
Polyester ¹	51-058-4-175
Chrome Plated	51-058-9-175

1. UL Listed as corrosion-resistant.
2. Eastern Hemisphere sales only.

Recessed Escutcheon

Specify: Style 20 Recessed Escutcheon with (specify*) finish, P/N (specify*)

*Refer to Technical Data Sheet TFP770

Sprinkler Wrench

Specify: W-Type 6 Sprinkler Wrench, P/N 56-000-6-387

Specify: W-Type 7 Sprinkler Wrench, P/N 56-850-4-001

Series LFII Residential Sprinklers 5.8 K-factor Pendent and Recessed Pendent Wet Pipe Systems

IMPORTANT

Refer to Technical Data Sheet TFP2300 for warnings pertaining to regulatory and health information.

Always refer to Technical Data Sheet TFP700 for the "INSTALLER WARNING" that provides cautions with respect to handling and installation of sprinkler systems and components. Improper handling and installation can permanently damage a sprinkler system or its components and cause the sprinkler to fail to operate in a fire situation or cause it to operate prematurely.

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docs.jci.com/tycofire/tpf401

General Description

The TYCO Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) are decorative, fast response, frangible bulb sprinklers designed for use in residential occupancies such as homes, apartments, dormitories, and hotels. When aesthetics and optimized flow characteristics are the major consideration, the Series LFII Residential Sprinklers (TY3934) should be the first choice.

The Series LFII Residential Sprinklers are intended for use in the following scenarios:

- wet pipe residential sprinkler systems for one- and two-family dwellings and mobile homes per NFPA 13D
- wet pipe residential sprinkler systems for residential occupancies up to and including four stories in height per NFPA 13R
- wet pipe sprinkler systems for the residential portions of any occupancy per NFPA 13

The recessed version of the Series LFII Residential Sprinklers is intended for use in areas with finished ceilings. It employs a two-piece Style 20 Recessed Escutcheon. The Recessed Escutcheon provides 1/4 in. (6,4 mm) of recessed adjustment or up to 1/2 in. (12,7 mm) of total adjustment from the flush ceiling position. The adjustment provided by the Recessed Escutcheon reduces the accuracy to which the pipe drops to the sprinklers must be cut.

The Series LFII Residential Sprinklers have been designed with heat sensitivity and water distribution characteristics proven to help in the control of residential fires and to improve the chance for occupants to escape or be evacuated.

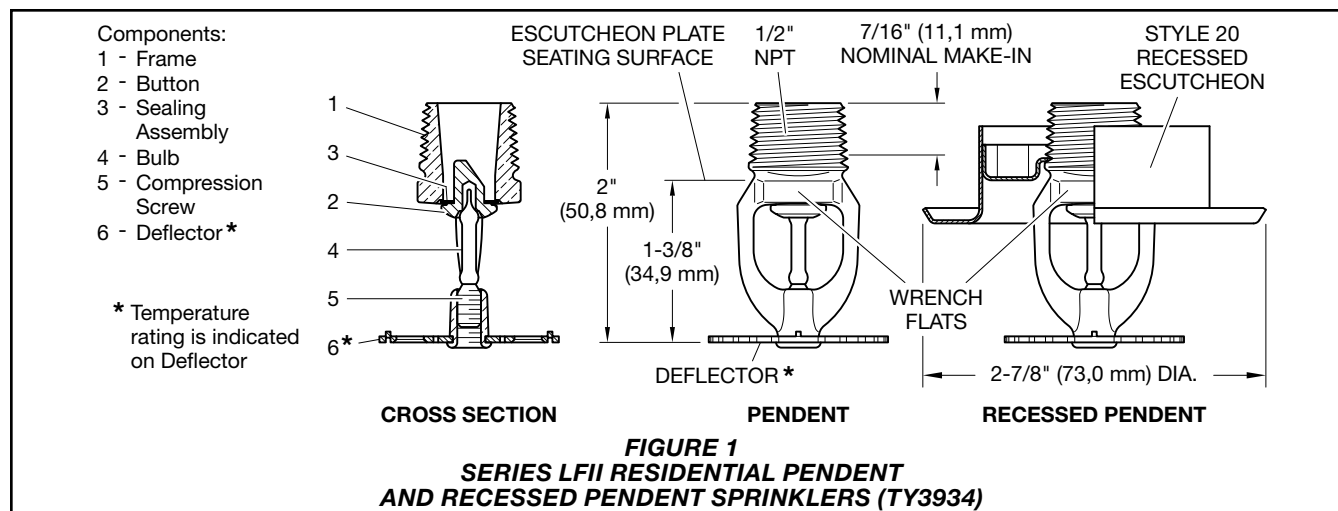
Corrosion-resistant coatings, where applicable, are utilized to extend the life of copper alloy sprinklers beyond that which would otherwise be obtained when exposed to corrosive atmospheres. Although corrosion-resistant coated sprinklers have passed the standard corrosion tests of the applicable Approval agencies, the testing is not representative of all possible corrosive atmospheres. Consequently, it is recommended that the end user be consulted with respect to the suitability of these coatings for any given corrosive environment. The effects of ambient temperature, concentration of chemicals, and gas/chemical velocity should be considered, as a minimum, along with the corrosive nature of the chemical to which the sprinklers will be exposed.



NOTICE

The Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) described herein must be installed and maintained in compliance with this document and the applicable standards of the NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), in addition to the standards of any authorities having jurisdiction. Failure to do so may impair the performance of these devices.

The owner is responsible for maintaining their fire protection system and devices in proper operating condition. Contact the installing contractor or product manufacturer with any questions.



Sprinkler Identification Number (SIN)

TY3934

Technical Data

Approvals

UL and C-UL Listed

Certified to all requirements of NSF/ANSI 61

Note: Sprinklers with a polyester finish are UL Listed as corrosion-resistant sprinklers.

Discharge Coefficient

$K = 5.8 \text{ GPM/psi}^{1/2} (83.5 \text{ LPM/bar}^{1/2})$

Temperature Rating

155°F (68°C) or 175°F (79°C)

Finishes

Natural Brass, Pure White Polyester Coated, Signal White Polyester Coated, Jet Black Polyester Coated, or Chrome Plated

Physical Characteristics

Frame	Brass
Button	Bronze
Sealing Assembly	Beryllium Nickel w/TEFLON
Bulb (3 mm)	Glass
Compression Screw	Brass
Deflector	Brass

Operation

The glass bulb contains a fluid that expands when exposed to heat. When the rated temperature is reached, the fluid expands sufficiently to shatter the glass bulb, allowing the sprinkler to activate and flow water.

Design Criteria

The TYCO Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) are to be installed in accordance with this section.

Residential Sprinkler Design Guide

When conditions exist that are outside the scope of the provided criteria, refer to the Residential Sprinkler Design Guide TFP490 for the manufacturer's recommendations that may be acceptable to the local authority having jurisdiction.

Ceiling Types

Smooth flat horizontal, or beamed, or sloped, in accordance with the 2013 Edition of NFPA 13D, 13R, or 13 as applicable.

Hydraulic Design (NFPA 13D and 13R)

For systems designed to NFPA 13D or NFPA 13R, the minimum required sprinkler flow rates are given in Table A as a function of temperature rating and the maximum allowable coverage areas. The sprinkler flow rate is the minimum required discharge from each of the total number of design sprinklers as specified in NFPA 13D or NFPA 13R. The number of design sprinklers specified in NFPA 13D and 13R for wet pipe systems is to be applied when designing dry pipe systems.

Hydraulic Design (NFPA 13)

For systems designed to NFPA 13, the number of design sprinklers is to be the four most hydraulically demanding sprinklers. The minimum required discharge from each of the four sprinklers is to be the greater of the following:

- The flow rates given in Table A as a function of temperature rating and the maximum allowable coverage area.
- A minimum discharge of 0.1 gpm/ft² over the design area comprised of the four most hydraulically demanding sprinklers for actual coverage areas protected by the four sprinklers.

Obstruction to Water Distribution

Sprinklers are to be located in accordance with the obstruction rules of NFPA 13D, 13R, and 13 as applicable for residential sprinklers as well as with the obstruction criteria described within the Technical Data Sheet TFP490.

Operational Sensitivity

Sprinklers are to be installed with a deflector-to-ceiling distance of 1 in. to 4 in. below smooth ceilings.

For Beamed Ceiling conditions as allowed by NFPA, the maximum deflector distance below the bottom of a beam is 1-3/4 in. Refer to the NFPA Standards for allowed beam configurations.

Sprinkler Spacing

The minimum spacing between sprinklers is 8 ft (2.4 m). The maximum spacing between sprinklers cannot exceed the length of the coverage area (Table A) being hydraulically calculated (for example, maximum 12 ft for a 12 ft x 12 ft coverage area, or 20 ft for a 20 ft x 20 ft coverage area).

Max. Coverage Area (a) ft x ft (m x m)	WET PIPE SYSTEM Minimum Flow and Residual Pressure(b, c)						
	Ordinary Temp. Rating 155°F (68°C)		Intermediate Temp. Rating 175°F (79°C)		Deflector to Ceiling	Installation Type	Minimum Spacing ft (m)
	Flow gpm (lpm)	Pressure psi (bar)	Flow gpm (lpm)	Pressure psi (bar)			
12 x 12 (3,7 x 3,7)	16 (60,6)	7.6 (0,52)	16 (60,6)	7.6 (0,52)	Smooth Ceilings 1 in. to 4 in. Beamed Ceilings per NFPA 13D or 13R 1 in. to 1-3/4 in. below bottom of beam.	Recessed using Style 20 Escutcheon or non-recessed per NFPA 13D, 13R, or 13	8 (2,4)
14 x 14 (4,3 x 4,3)	16 (60,6)	7.6 (0,52)	16 (60,6)	7.6 (0,52)			
16 x 16 (4,9 x 4,9)	16 (60,6)	7.6 (0,52)	16 (60,6)	7.6 (0,52)			
18 x 18 (5,5 x 5,5)	18 (68,1)	9.6 (0,66)	18 (68,1)	9.6 (0,66)			
20 x 20 (6,1 x 6,1)	20 (75,7)	11.9 (0,82)	20 (75,7)	11.9 (0,82)			

Notes:

- For coverage area dimensions less than or between those indicated, use the minimum required flow for the next highest coverage area for which hydraulic design criteria are stated.
- Requirement is based on minimum flow in GPM (LPM) from each sprinkler. The associated residual pressures are calculated using the nominal K-factor. See Hydraulic Design under the Design Criteria section.
- For NFPA 13 residential applications, the greater of 0.1 gpm/ft² over the design area or the flow in accordance with the criteria in this table must be used.

TABLE A
WET PIPE SYSTEM
SERIES LFII RESIDENTIAL PENDENT AND RECESSED PENDENT SPRINKLERS (TY3934)
NFPA 13D, 13R, AND 13 HYDRAULIC DESIGN CRITERIA

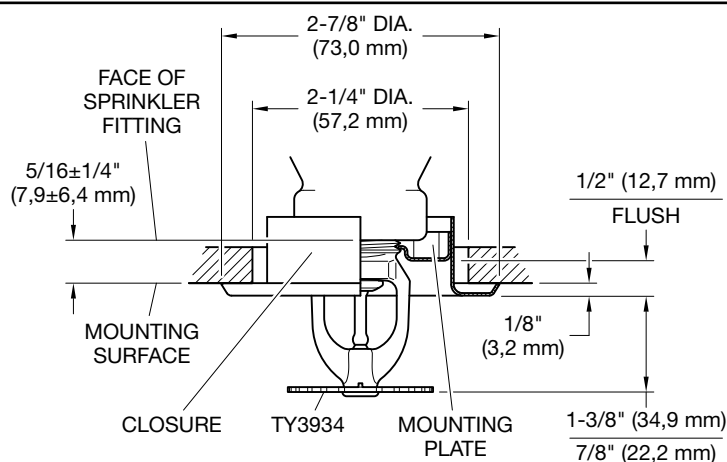


FIGURE 2
STYLE 20 RECESSED ESCUTCHEON FOR USE WITH THE
SERIES LFII RESIDENTIAL PENDENT SPRINKLER
(TY3934)

Installation

The TYCO Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) must be installed in accordance with this section.

General Instructions

Do not install any bulb type sprinkler if the bulb is cracked or there is a loss of liquid from the bulb. With the sprinkler held horizontally, a small air bubble should be present. The diameter of the air bubble is approximately 1/16 in. (1,6 mm).

A leak-tight 1/2 in. NPT sprinkler joint should be obtained by applying a minimum-to-maximum torque of 7 to 14 lb-ft (9,5 to 19,0 N·m). Higher levels of torque can distort the sprinkler Inlet with consequent leakage or impairment of the sprinkler.

Do not attempt to compensate for insufficient adjustment in an Escutcheon Plate by under- or over- tightening the sprinkler. Re-adjust the position of the sprinkler fitting to suit.

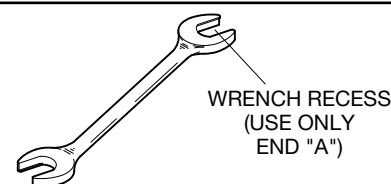
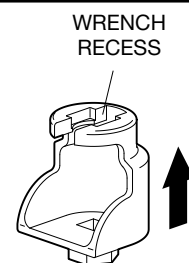


FIGURE 3
W-TYPE 6
SPRINKLER WRENCH



PUSH WRENCH
IN TO ENSURE
ENGAGEMENT
WITH SPRINKLER
WRENCHING AREA

FIGURE 4
W-TYPE 7 RECESSED
SPRINKLER WRENCH

Series LFII Residential Pendent Sprinkler Installation

The Series LFII Residential Pendent Sprinklers must be installed in accordance with the following instructions.

Step 1. Install pendent sprinklers in the pendent position with the deflector parallel to the ceiling.

Step 2. With pipe thread sealant applied to the pipe threads, hand-tighten the sprinkler into the sprinkler fitting.

Step 3. Tighten the sprinkler into the sprinkler fitting using only the W-Type 6 Sprinkler Wrench (Figure 3). With reference to Figure 1, apply the W-Type 6 Sprinkler Wrench to the wrench flats.

Series LFII Residential Recessed Pendent Sprinkler Installation

The Series LFII Residential Recessed Pendent Sprinklers must be installed in accordance with the following instructions.

Step A. Install recessed pendent sprinklers in the pendent position with the deflector parallel to the ceiling.

Step B. After installing the Style 20 Mounting Plate over the sprinkler threads and with pipe thread sealant applied to the pipe threads, hand-tighten the sprinkler into the sprinkler fitting.

Step C. Tighten the sprinkler into the sprinkler fitting using only the W-Type 7 Recessed Sprinkler Wrench (Figure 4). With reference to Figure 1, apply the W-Type 7 Recessed Sprinkler Wrench to the sprinkler wrench flats.

Step D. After the ceiling has been installed or the finish coat has been applied, slide on the Style 20 Closure over the Series LFII Residential Sprinkler and push the Closure over the Mounting Plate until its flange comes in contact with the ceiling.

Care and Maintenance

The TYCO Series LFII Residential Pendent and Recessed Pendent Sprinklers (TY3934) must be maintained and serviced in accordance with this section.

Before closing a fire protection system main control valve for maintenance work on the fire protection system that it controls, permission to shut down the affected fire protection system must be obtained from the proper authorities and notify all personnel who may be affected by this action.

Absence of the outer piece of an escutcheon, which is used to cover a clearance hole, can delay sprinkler operation in a fire situation.

The owner must assure that the sprinklers are not used for hanging any objects and that the sprinklers are only cleaned by means of gently dusting with a feather duster; otherwise, non-operation in the event of a fire or inadvertent operation may result.

Sprinklers which are found to be leaking or exhibiting visible signs of corrosion must be replaced.

Automatic sprinklers must never be painted, plated, coated, or otherwise altered after leaving the factory. Modified sprinklers must be replaced. Sprinklers that have been exposed to corrosive products of combustion, but have not operated, should be replaced if they cannot be completely cleaned by wiping the sprinkler with a cloth or by brushing it with a soft bristle brush.

Care must be exercised to avoid damage to the sprinklers - before, during, and after installation. Sprinklers damaged by dropping, striking, wrench twist/slippage, or the like, must be replaced. Also, replace any sprinkler that has a cracked bulb or that has lost liquid from its bulb. See the Installation Section.

The owner is responsible for the inspection, testing, and maintenance of their fire protection system and devices in compliance with this document, as well as with the applicable standards of the NATIONAL FIRE PROTECTION ASSOCIATION, for example, NFPA 25, in addition to the standards of any authorities having jurisdiction. Contact the installing contractor or product manufacturer regarding any questions.

Automatic sprinkler systems are recommended to be inspected, tested, and maintained by a qualified Inspection Service in accordance with local requirements and/or national codes.

Limited Warranty

For warranty terms and conditions, visit www.tyco-fire.com.

Ordering Procedure

Contact your local distributor for availability. When placing an order, indicate the full product name and Part Number (P/N).

Sprinkler Assembly

Specify: Series LFII (TY3934), K = 5.8, Residential Pendent Sprinkler, (specify) temperature rating, (specify) finish, P/N (specify):

155°F (68°C)

Natural Brass	51-058-1-155
Pure White (RAL 9010)	
Polyester ^{1, 2}	51-058-3-155
Signal White (RAL 9003)	
Polyester ¹	51-058-4-155
Jet Black (RAL 9005)	
Polyester ¹	51-058-5-155
Chrome Plated	51-058-9-155

175°F (79°C)

Natural Brass	51-058-1-175
Pure White (RAL 9010)	
Polyester ^{1, 2}	51-058-3-175
Signal White (RAL 9003)	
Polyester ¹	51-058-4-175
Chrome Plated	51-058-9-175

1. UL Listed as corrosion-resistant.

2. Eastern Hemisphere sales only.

Recessed Escutcheon

Specify: Style 20 Recessed Escutcheon with (specify*) finish, P/N (specify*)

*Refer to Technical Data Sheet TFP770

Sprinkler Wrench

Specify: W-Type 6 Sprinkler Wrench, P/N 56-000-6-387

Specify: W-Type 7 Sprinkler Wrench, P/N 56-850-4-001



STATE OF ILLINOIS
OFFICE OF THE STATE FIRE MARSHAL
DIVISION OF FIRE PREVENTION

1035 Stevenson Drive • Springfield, IL 62703-4259



FIRE SPRINKLER CONTRACTING LICENSE

KOTUR MECHANICAL GROUP LLC
Responsible Managing Employee - Stevo Kotur
1381 E OAKTON # 3
DES PLAINES, IL 60018

FSC0130

LICENSE #

05/01/2025

EXPIRATION DATE

James A Rivera
STATE FIRE MARSHAL

This license may be revoked by
the Office of the State Fire Marshal
for failure to comply with the lawful
rules regulating this program.

VILLAGE OF BENSENVILLE

Department of Community and Economic Development

CONDITIONS OF THE PERMIT

SITE LOCATION: 303 EAST WASHINGTON STREET
INTENDED USE: R-6
APPLICATION NO: 13994
APPLICATION TYPE: FIRE SPRINKLER SYSTEM C/F
DESCRIPTION OF WORK: SPRINKLER SYSTEM

1. All work, whether approved or not shall be in compliance with the applicable codes and ordinances.
1. Contact the Community and Economic Development Department 24 hours in advance at 630-350-3413 for any necessary inspections.
2. 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.
3. 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 CONDITIONS FROM THE PLANS.
4. SPECIAL CONDITIONS TO APPLICATION NUMBER 13994 PLAN EXAMINER REVIEW.

Modification affecting 20 or fewer sprinkler heads shall not require testing in excess of system working pressure.
NFPA-13 24.2.1.4

All rooms or areas containing the building fire sprinkler riser(s), fire pump(s) and Fire Alarm Control Panel(s) shall be provided with approved emergency lighting and a thermostatically controlled heating system. A low temperature trouble alarm shall be installed within the pump/riser room and shall be connected to the fire alarm system

All actuation and control components, including remote manual pull stations, mechanical and electrical devices, detectors, and actuators, shall be tested for proper operation during the inspection in accordance with the manufacturer's procedures.

An exterior rated audio/visual alarm device with a red strobe shall be installed over the Fire Department Connection for all sprinkler and standpipe systems.

Plans approved as designed.

Plans approved as noted above.

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 its original conditions prior to final inspection.

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

SIGNATURE

NAME (PRINT)

DATE

VILLAGE OF BENSENVILLE

Department of Community and Economic Development
12 N. Center St. Bensenville, IL 60106
Phone: 630.350.3433 Fax: 630.350.3449

PERMIT APPLICATION

Application Number

14039

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

331 York Rd / 303 E. Washington St. --- R-6
SITE ADDRESS UNIT No PIN ZONING DISTRICT

new flat work, patio & walkway/new fence enclosure \$ 40,000.00
DESCRIPTION OF WORK ESTIMATED COST

Name of Business on Site (non residential): Bridgeway of Bensenville

GENERAL CONTRACTOR: Chi Construction

ADDRESS: 4600 W Touhy Ave CITY, STATE & ZIP: Lincolnwood IL, 60712

PHONE: 224-409-8134 E-MAIL: aaron@chiconstruction.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 not limited to cancellation fees, plan review fees, and 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.

Aaron Trachtman

Applicant's Name (Print)

4600 W Touhy Ave

Address

aaron@chiconstruction.com

Applicant's Email Address

[Signature]

Applicant's Signature

Lincolnwood IL 60712

City, State & ZIP

5/21/24

Date

224-409-8134

Day Time Phone

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.

Alex Langston

Property Owner's Name (Print)

303 E Washington St

Address

[Signature]

Property Owner's Signature

Bensenville, IL, 60106

City, State & ZIP

5-21-24

Date

773-844-5185

Day Time Phone

OFFICE USE ONLY

BUILDING INFORMATION

☐ New Construction ☐ Addition
☐ Alteration ☒ Accessory

Storm-water Permit Required Yes ☐ NO ☒

Milestone Dates:

5-30-24 Applied
6-10-24 Approved
6-10-24 Issued
12-10-24 Expires

Fees:

ESCROW \$ 180.00
APPLICATION \$ 100.00
PLAN REVIEW \$ 27.00
INSPECTIONS (7 x \$45) \$ 315.00
OTHER \$ ---
OTHER \$ ---
TOTAL FEES DUE \$ 622.00

PAID BY:

CONTR

APPROVED BY:

LC

Louis Czerwin

From: Louis Czerwin
Sent: Monday, June 10, 2024 3:44 PM
To: Aaron Trachtman
Subject: 303 washington

Good afternoon your permit is ready for pickup, total due is \$ 622.00 breakdown as followed:

Escrow-180.00
Application-100.00
Plan Review-27.00
7 [insp.@45-315.00](#)

Louie Czerwin
Building Official
12 S Center Street
Bensenville IL. 60106
630-594-1008

Please note: The Village of Bensenville has updated our codes to the 2021 International code sets as well as adopting the 2023 National Electrical Code

VILLAGE OF BENSENVILLE

Department of Community and Economic Development

CONDITIONS OF THE PERMIT

SITE LOCATION: 303 EAST WASHINGTON STREET
INTENDED USE: R-5
APPLICATION NO: 14039
APPLICATION TYPE: NON-RESIDENTIAL ACCESSORY
DESCRIPTION OF WORK: NEW FENCE & CONCRETE WALKWAY & PATIO

FILE COPY

-
1. All work, whether approved or not shall be in compliance with the applicable codes and ordinances.
 1. Contact the Community and Economic Development Department 24 hours in advance at 630-350-3413 for any necessary inspections.
 2. 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.
 3. 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 CONDITIONS FROM THE PLANS.
 4. SPECIAL CONDITIONS TO APPLICATION NUMBER 14039 PLAN EXAMINER REVIEW.

All conditions are mandatory, changes on the approved plans/documents will not be permitted without written authorization from the Community & Economic Development Department. Failure to comply with the preceding conditions will invalidate the approval of this permit.

The completion of this project and the bond refund process is subject to final inspection and approval by the Village Inspector(s). NOTE: Items not identified during this review will be addressed.

All work must be inspected in accordance with the inspection list provided with this permit. Work concealed without the required inspection and approval must be exposed for inspection (at owner's/contractor's expense) as directed by the Village Inspector.

Fences shall be constructed in a workmanlike manner and be of sound and sturdy construction. For vinyl fences, they must be installed per the manufacturers installation instructions and shall have a copy onsite attached to these conditions.

No fence shall adversely affect drainage or create or significantly aggravate runoff problems on abutting lots.

Fences may be located on easements at the fence owner's risk subject to the other requirements herein.

All parts of a fence must be fully inside property lines, except that gates may swing open over public sidewalks, alleys and internal drives. Note: Village inspectors do not verify property lines, this is the responsibility of the property owner

Maximum installed fence height measured from grade is six(6)feet.

Post holes are required to be inspected (concrete pier inspection) BEFORE the post are installed. Post holes for fence post are required to be a minimum of forty-two(42) inches deep from grade.

The finished side of a fence shall face the nearest lot line. Post and supports shall face away from such line

Storm water inlets shall be protected with sediment trapping or filter control devices during construction

Plans are approved as noted above

Applicable Codes: 2021 International Code sets 2014 Illinois Plumbing Code and Village of Bensenville Amendments.


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.

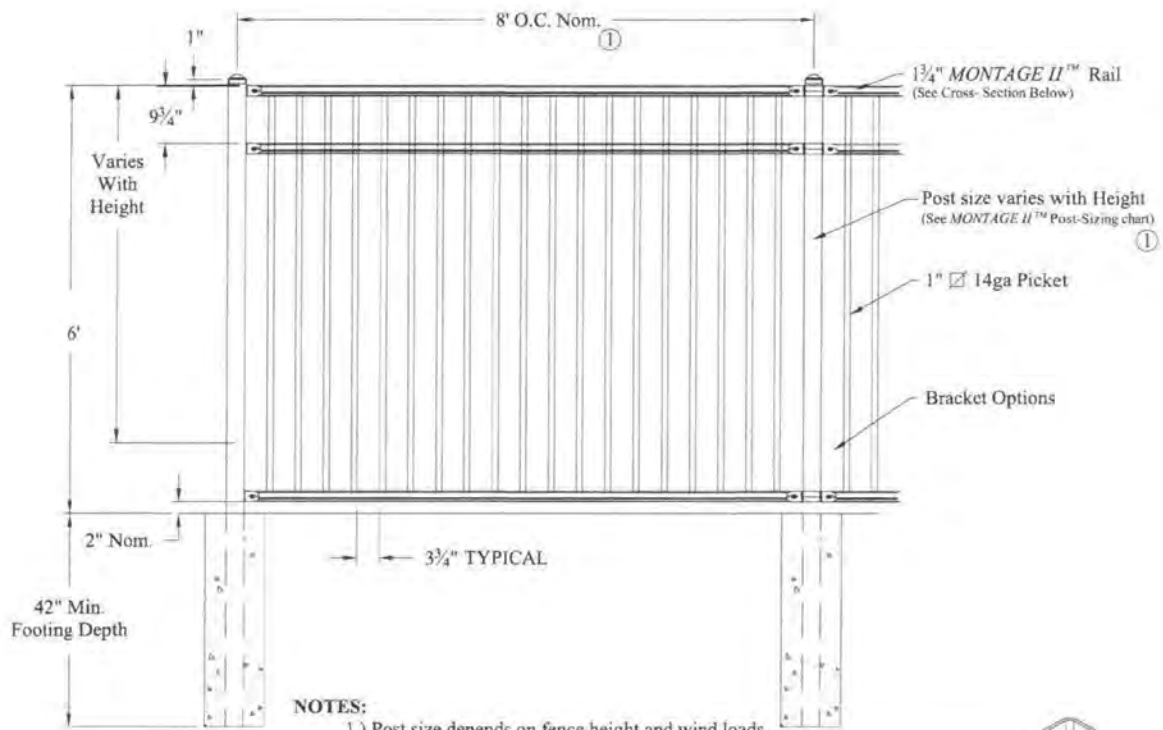
The completion of this project and the bond refund process is subject to the final inspection and approval by the Village Inspector. NOTE: All debris and landscaping must be returned to its original conditions prior to final inspection.

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


SIGNATURE


NAME (PRINT)


DATE



NOTES:

- 1.) Post size depends on fence height and wind loads. See MONTAGE II™ specifications for post sizing chart and dimensions.

for installation requirements.



14

Ornamental Metal Fence

Scale: 1/2" = 1'-0"



May 20, 2024

Village of Bensenville
12 S Center Street
Bensenville, Illinois 60106

Re.: Bridgeway of Bensenville – 2024 Site Improvements
Stormwater Management: Impervious Area Documentation
331 York Road/303 E. Washington Street
Bensenville, Illinois
JHA Project No. H269

Bridgeway of Bensenville is proposing sidewalk and ADA parking improvements as part of their 2024 Site Improvements. As part of this work, a portion of existing sidewalk in the western portion of the site will be reconstructed/reconfigured in order to match existing finished floor elevations at existing doors, as well as to meet maximum allowable ADA slopes along proposed sidewalk to the proposed additional ADA stalls.

New sidewalk is also proposed in the northeast corner of the site in order to add paths between the existing doors and the existing sidewalk.

We prepared this letter in order to document net new impervious area at the site with respect to DuPage County's *Countywide Stormwater & Flood Plain Ordinance* and Village of Lombard stormwater management requirements. The improvements result in a minor amount of additional impervious area below the 2,500 sf threshold to trigger requirements for PCBMP.

STORMWATER PCBMP REQUIREMENTS:

DuPage County's stormwater ordinance (Section 15-63.A.1) requires post construction best management practices (PCBMPs) for net new impervious area greater than 2,500-SF in aggregate since April 23, 2013.

Based proposed improvements, following is a summary of net new impervious area at the site for PCBMP triggers:

TABLE 1: ADDED IMPERVIOUS AREA SINCE 1992

DESCRIPTION	DATE	IMPERVIOUS AREA ADDED (SF)	IMPERVIOUS AREA REMOVED (SF)	NET NEW IMPERVIOUS AREA (SF)
2024 Tenant Improvements	2024	2,940	1,215	1,725

CONCLUSIONS:

Based on information provided above, the proposed improvements will result in a net new impervious area of 1,725 sf., below the 2,500-sf trigger for PCBMP requirements. As such, PCBMPs requirements should not be triggered as part of this project. Based on this net new



impervious area, 775-sf of **future** impervious area should be allowed to be added to the site before triggering the County's 2,500-SF PCBMP trigger.

Sincerely,

JACOB & HEFNER ASSOCIATES, INC.

Mark Zaprzalka, P.E.

Project Manager

mzaprzalka@jacobandhefner.com

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Home > Fence and Accessories > Rackable Steel Fencing >
Pressed Spear Top/Extended Bottom > Three Rail Panel >
1½" Rail >



Black Pressed Spear Top/Extended Bottom Three Rail Panel 1½ Rails

Item#
GANVCSP37090

**For Installation On
Flat Runs Or
Inclines!**

**1½" Rails, ¾"
Pickets**

*Fully rackable to 4ft.
on 8ft. run*



HOUSTON

832-467-5400

Mon-Fri | 7:30 AM - 4:30 PM
(CDT)

4404 Windfern Rd.

Houston, TX 77041

[Click to Email Houston>>](#)

AUSTIN

512-717-3060

Mon-Fri | 7:30 AM - 4:30 PM
(CDT)

WE HAVE MOVED TO:

9800 Decker Lane

Suite #160

Austin, TX 78724

NEW LOCATION AS OF

[Chat with us](#)

DEC. 18, 2023

Please Call for Current Pricing

Size:

6' x 8'



Update price

Description	Specifications	More Information
-------------	----------------	------------------

Pickets:

- 16-Gauge
- 3/4" Galvanized & Powder-Coated Tubular Steel
- 4-5/8" on Center
- 3-7/8" Picket Opening

Rails: Three 14-Gauge, 1-9/16" x 1-3/16"

Matching Gate:

GANVCSP37090 Matching Gate- GANVCSP37048

GANVCSP39490 Matching Gate- N/A

Related Items:



BLACKSMITH
BRAND

Click to **Email Austin**>>

BIRMINGHAM

205-595-0596

Mon-Fri | 7:30 AM - 4:30 PM
(CDT)

4908 Powell Ave. So.

Birmingham, AL 35222

Click to **Email**

Birmingham>>

CHICAGO

708-345-6660

Mon-Fri | 7:30 AM - 4:30 PM
(CDT)

2025 N. 15th Ave.

Melrose Park, IL 60160

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PRESCOTT VALLEY, AZ

928-583-0998

Mon-Fri | 7:30 AM - 4:30 PM
(MST)

740 S. Henrickson Rd.

Prescott Valley, AZ 86327

Click to **Email Yavapai**

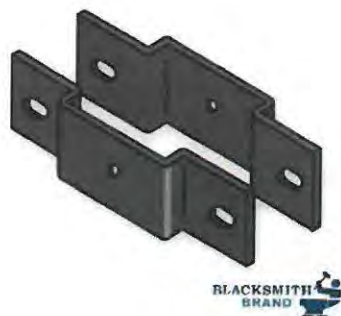
Steel>>

Plastic Tri-Point Finial
Available in 6 Sizes
\$0.47-\$0.69

Flat Mount Bracket
\$3.73-\$3.82



Universal Bracket
\$3.75-\$5.21



Line Bracket
\$5.11-\$5.42

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Black Pressed Spear
Top/Extended Bottom Three
Rail Panel 1½ Rails
Please Call for Current
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BLACKSMITH BRAND™

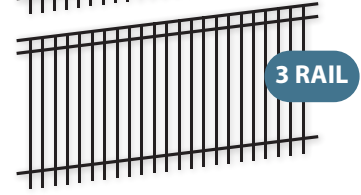
FLAT TOP / FLAT BOTTOM

ITEM NUMBER	NUMBER OF RAILS	PICKET SIZE	APPROXIMATE SIZE	DIMENSIONS	MATCHING GATE
GANVFTFB34894	3 (1" Rails)	5/8" x 18ga	4 ft x 8 ft	46"H x 90.5"W	GANVFTTB34848
GANVFTFB36094	3 (1" Rails)	5/8" x 18ga	5 ft x 8 ft	58"H x 90.5"W	GANVFTTB36048
GANVFTFB37294	3 (1" Rails)	5/8" x 18ga	6 ft x 8 ft	70"H x 90.5"W	GANVFTTB37248



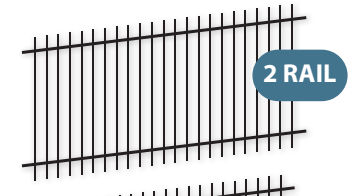
FLAT TOP / EXTENDED BOTTOM

ITEM NUMBER	NUMBER OF RAILS	PICKET SIZE	APPROXIMATE SIZE	DIMENSIONS	MATCHING GATE
GANVFT24894	2 (1" Rails)	5/8" x 18ga	4 ft x 8 ft	46"H x 90.5"W	GANVFT24848
GANVFT26094	2 (1" Rails)	5/8" x 18ga	5 ft x 8 ft	58"H x 90.5"W	N/A
GANVFT34894	3 (1" Rails)	5/8" x 18ga	4 ft x 8 ft	46"H x 90.5"W	GANVFT34848 GANVFT34848ARC
GANVFT36094	3 (1" Rails)	5/8" x 18ga	5 ft x 8 ft	58"H x 90.5"W	GANVFT36048
GANVFT37294	3 (1" Rails)	5/8" x 18ga	6 ft x 8 ft	70"H x 90.5"W	GANVFT37248 GANVFT37248ARC
GANVCFT34690	3 (1-1/2" Rails)	3/4" x 16ga	4 ft x 8 ft	46"H x 90.5"W	GANVCFT3
GANVCFT35890	3 (1-1/2" Rails)	3/4" x 16ga	5 ft x 8 ft	58"H x 90.5"W	N/A
GANVCFT37090	3 (1-1/2" Rails)	3/4" x 16ga	6 ft x 8 ft	70"H x 90.5"W	N/A



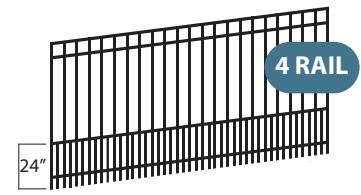
EXTENDED TOP / EXTENDED BOTTOM

ITEM NUMBER	NUMBER OF RAILS	PICKET SIZE	APPROXIMATE SIZE	DIMENSIONS	MATCHING GATE
GANVEXT24894	2 (1" Rails)	5/8" x 18ga	4 ft x 8 ft	46"H x 90.5"W	GANVEXT24848
GANVEXT26094	2 (1" Rails)	5/8" x 18ga	5 ft x 8 ft	58"H x 90.5"W	GANVEXT26048
GANVEXT34894	3 (1" Rails)	5/8" x 18ga	4 ft x 8 ft	46"H x 90.5"W	GANVEXT34848
GANVEXT36094	3 (1" Rails)	5/8" x 18ga	5 ft x 8 ft	58"H x 90.5"W	GANVEXT36048
GANVEXT37294	3 (1" Rails)	5/8" x 18ga	6 ft x 8 ft	70"H x 90.5"W	GANVEXT37248
GANVCEXT35890	3 (1-1/2" Rails)	3/4" x 16ga	5 ft x 8 ft	58"H x 90.5"W	N/A
GANVCEXT37090	3 (1-1/2" Rails)	3/4" x 16ga	6 ft x 8 ft	70"H x 90.5"W	GANVCEXT37048
GANVCEXT39490	3 (1-1/2" Rails)	3/4" x 16ga	8 ft x 8 ft	94"H x 90.5"W	N/A



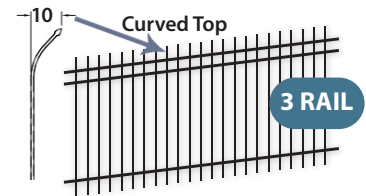
PUPPY PANEL

ITEM NUMBER	NUMBER OF RAILS	PICKET SIZE	APPROXIMATE SIZE	DIMENSIONS	MATCHING GATE
GANVFTPP34894	3 (1" Rails)	5/8" x 18ga	4 ft x 8 ft	46"H x 90.5"W	GANVFTPP34848
GANVFTPP36094	3 (1" Rails)	5/8" x 18ga	5 ft x 8 ft	58"H x 90.5"W	GANVFTPP36048
GANVFTPP37294	3 (1" Rails)	5/8" x 18ga	6 ft x 8 ft	70"H x 90.5"W	GANVFTPP37248



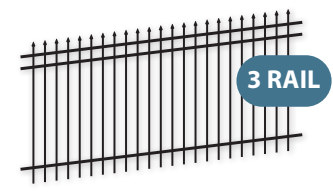
PRESSED CURVE TOP / EXTENDED BOTTOM

ITEM NUMBER	NUMBER OF RAILS	PICKET SIZE	APPROXIMATE SIZE	DIMENSIONS	MATCHING GATE
GANVCCUR39490	3 (1-1/2" Rails)	3/4" x 16ga	8 ft x 8 ft	94"H x 90.5"W	N/A



PRESSED SPEAR TOP / EXTENDED BOTTOM

ITEM NUMBER	NUMBER OF RAILS	PICKET SIZE	APPROXIMATE SIZE	DIMENSIONS	MATCHING GATE
GANVSP34894	3 (1" Rails)	5/8" x 18ga	4 ft x 8 ft	46"H x 90.5"W	GANVSP34848
GANVSP36094	3 (1" Rails)	5/8" x 18ga	5 ft x 8 ft	58"H x 90.5"W	GANVSP36048
GANVSP37294	3 (1" Rails)	5/8" x 18ga	6 ft x 8 ft	70"H x 90.5"W	GANVSP37248
GANVCSP37090	3 (1-1/2" Rails)	3/4" x 16ga	6 ft x 8 ft	70"H x 90.5"W	GANVCSP37048
GANVCSP39490	3 (1-1/2" Rails)	3/4" x 16ga	8 ft x 8 ft	94"H x 90.5"W	N/A



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RACKABLE FENCING ACCESSORIES

BLACKSMITH BRAND™

Galvanized Black Powder-Coated Posts

*Post Fit All Welded & Rackable
Black Powder-Coated Fence Panels*

Available In:

1.5" 2" 2.5" 3" 4"

- » 1.5", 2" and 2.5" posts are 16 gauge
- » 3" posts are 14 gauge
- » 4" posts are 11 gauge

Posts Sold Individually

Item #	Size
GP2164	2" X 4'
GP2166	2" X 6'

Item #	Size
--------	------

GEND4 1.5" X 4'

GEND5 1.5" X 5'

GEND6 1.5" X 6'

GEND7 1.5" X 7'

GP2167 2" X 7'

GP2168 2" X 8'

GP2169 2" X 9'

GP21611 2" X 11'

Item #	Size
--------	------

GP212166 2.5" X 6'

GP212167 2.5" X 7'

GP212168 2.5" X 8'

GP212169 2.5" X 9'

Item #	Size
--------	------

GP3148 3" X 8'

GP31410 3" X 10'

GP41110 4" X 10'

Line Bracket



Item #	Description
GANV1	FOR 1" RAIL / 2" POST
GANVC1	FOR 1" RAIL 2-1/2" POST

LINE BRACKETS SOLD AS A PAIR

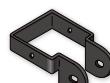
Flat Mount Bracket



Item #	Description
GANV3	FOR 1" RAIL
GANVC3	FOR 1-1/2" RAIL

FLAT MOUNT BRACKETS SOLD INDIVIDUALLY

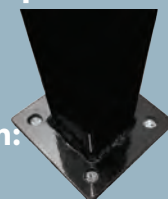
Universal Bracket



Item #	Description
GANV2	FOR 1" RAIL / 2" POST
GANVC2	FOR 1" RAIL 2-1/2" POST

UNIVERSAL BRACKETS SOLD INDIVIDUALLY

Galvanized Black Powder-Coated Posts with 4" X 4" Square Flange



Available In:
2" 16 gauge

Item #	Size
GP2164FLG	2" X 4'
GP2165FLG	2" X 5'
GP2166FLG	2" X 6'

Contact

TS DISTRIBUTORS, INC.

Houston
832-467-5400
4404 Windfern
Houston, TX 77041

Austin
512-717-3060
3306 Longhorn Blvd
Austin, TX 78758

Chicago
707-345-6660
2033 North 17th Ave
Melrose Park, IL 60160

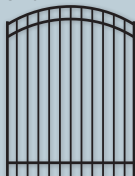
Prescott Valley, AZ
928-583-0998
740 S Henrickson Rd
Dewey, AZ 86327

VISIT US ONLINE

www.tsdistributors.com

Gates

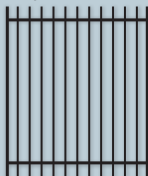
3-Rail



GANVFT34848ARC
DIMENSIONS
46" H X 46-1/2" W

GANVFT37248ARC
DIMENSIONS
70" H X 46-1/2" W

2-Rail



GANEXT24848
DIMENSIONS
46" H X 46-1/2" W

3-Rail



GANVCEXT37048
DIMENSIONS
70" H X 46-1/2" W

3-Rail



GANEXT34848
DIMENSIONS
46" H X 46-1/2" W

GANEXT36048
DIMENSIONS
58" H X 46-1/2" W

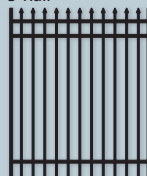
GANEXT37248
DIMENSIONS
70" H X 46-1/2" W

3-Rail



GANVFT37048
DIMENSIONS
70" H X 46-1/2" W

3-Rail

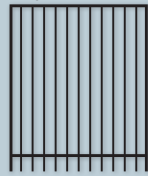


GANVSP34848
DIMENSIONS
46" H X 46-1/2" W

GANVSP36048
DIMENSIONS
58" H X 46-1/2" W

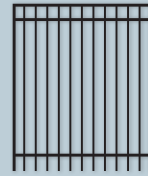
GANVSP37248
DIMENSIONS
70" H X 46-1/2" W

2-Rail



GANVFT24848
DIMENSIONS
46" H X 46-1/2" W

3-Rail



GANVCFT34648
DIMENSIONS
46" H X 46-1/2" W

3-Rail



GANVFT34848
DIMENSIONS
46" H X 46-1/2" W

GANVFT36048
DIMENSIONS
58" H X 46-1/2" W

GANVFT37248
DIMENSIONS
70" H X 46-1/2" W

3-Rail



GANVFTFB34848
DIMENSIONS
46" H X 46-1/2" W

GANVFTFB36048
DIMENSIONS
58" H X 46-1/2" W

GANVFTFB37248
DIMENSIONS
70" H X 46-1/2" W

4-Rail



GANVFTPP34848
DIMENSIONS
46" H X 46-1/2" W

GANVFTPP36048
DIMENSIONS
58" H X 46-1/2" W

GANVFTPP37248
DIMENSIONS
70" H X 46-1/2" W



May 20, 2024

Village of Bensenville
12 S Center Street
Bensenville, Illinois 60106

Re.: Bridgeway of Bensenville – 2024 Site Improvements
Stormwater Management: Impervious Area Documentation
331 York Road/303 E. Washington Street
Bensenville, Illinois
JHA Project No. H269

Bridgeway of Bensenville is proposing sidewalk and ADA parking improvements as part of their 2024 Site Improvements. As part of this work, a portion of existing sidewalk in the western portion of the site will be reconstructed/reconfigured in order to match existing finished floor elevations at existing doors, as well as to meet maximum allowable ADA slopes along proposed sidewalk to the proposed additional ADA stalls.

New sidewalk is also proposed in the northeast corner of the site in order to add paths between the existing doors and the existing sidewalk.

We prepared this letter in order to document net new impervious area at the site with respect to DuPage County's *Countywide Stormwater & Flood Plain Ordinance* and Village of Lombard stormwater management requirements. The improvements result in a minor amount of additional impervious area below the 2,500 sf threshold to trigger requirements for PCBMP.

STORMWATER PCBMP REQUIREMENTS:

DuPage County's stormwater ordinance (Section 15-63.A.1) requires post construction best management practices (PCBMPs) for net new impervious area greater than 2,500-SF in aggregate since April 23, 2013.

Based proposed improvements, following is a summary of net new impervious area at the site for PCBMP triggers:

TABLE 1: ADDED IMPERVIOUS AREA SINCE 1992

DESCRIPTION	DATE	IMPERVIOUS AREA ADDED (SF)	IMPERVIOUS AREA REMOVED (SF)	NET NEW IMPERVIOUS AREA (SF)
2024 Tenant Improvements	2024	2,940	1,215	1,725

CONCLUSIONS:

Based on information provided above, the proposed improvements will result in a net new impervious area of 1,725 sf., below the 2,500-sf trigger for PCBMP requirements. As such, PCBMPs requirements should not be triggered as part of this project. Based on this net new



impervious area, 775-sf of **future** impervious area should be allowed to be added to the site before triggering the County's 2,500-SF PCBMP trigger.

Sincerely,

JACOB & HEFNER ASSOCIATES, INC.

Mark Zaprzalka, P.E.

Project Manager

mzaprzalka@jacobandhefner.com

PERMIT APPLICATION

Application Number

4054

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

303 E Washington St.

SITE ADDRESS

UNIT No

P.I.N.

ZONING DISTRICT

Add Devices to make area ADA compliant.

\$ 5500

ESTIMATED COST

DESCRIPTION OF WORK

Name of Business on Site (non-residential): Bridgeway of Bensenville

GENERAL CONTRACTOR: Pinnacle Communications Fire and Security Systems, Inc.

46340

ADDRESS: 555 Morgan Ln CITY, STATE & ZIP: Hoffman Estates, IL. 60169

PHONE: 847-833-0444 E-MAIL: pinncom55@gmail.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.

Joseph Schneider

Applicant's Name (Print)

555 Morgan Ln

Address

pinncom55@gmail.com

Applicant's Email Address

Applicant's Signature

Hoffman Estates, IL 60169

City, State & ZIP

5-28-2024

Date

847-833-0444

Day Time Phone

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.

Property Owner's Name (Print)

Property Owner's Signature

Date

Address

City, State & ZIP

Day Time Phone

OFFICE USE ONLY

BUILDING INFORMATION

☐ New Construction ☐ Addition
☐ Alteration ☐ Accessory

Storm-water Permit Required Yes ☐ No ☐



PAID BY: CONTRN.

Milestone Dates:

6-03-24 Applied
06-07-24 Approved
06-10-24 Issued
12-10-24 Expires

Fees:

ESCROW \$ 180⁰⁰
APPLICATION \$ 100⁰⁰
PLAN REVIEW \$ 27⁰⁰
INSPECTIONS (2 X \$35 (\$45)) \$ 90⁰⁰
OTHER \$
OTHER \$
TOTAL FEES DUE \$ 397⁰⁰

APPROVED BY:

VILLAGE OF BENSENVILLE

Department of Community and Economic Development

CONDITIONS OF THE PERMIT

SITE LOCATION: 303 EAST WASHINGTON STREET
INTENDED USE: R-6
APPLICATION NO: 14054
APPLICATION TYPE: FIRE ALARM SYSTEM C/F
DESCRIPTION OF WORK: ADD DEVICES TO MAKE ADA COMPLIANT

FILE COPY
Village of Bensenville

1. All work, whether approved or not shall be in compliance with the applicable codes and ordinances.
1. Contact the Community and Economic Development Department 24 hours in advance at 630-350-3413 for any necessary inspections.
2. 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.
3. 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 CONDITIONS FROM THE PLANS.
4. SPECIAL CONDITIONS TO APPLICATION NUMBER 14054 PLAN EXAMINER REVIEW.

Low voltage wiring shall be protected in all vertical applications.

Horizontal runs need to be supported through braid rings.

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

Fire alarm cable shall not be strapped, tied, taped or attached by any means to the exterior of any conduit or other building structure as a means of support.

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

Low voltage wiring shall be protected in all vertical applications.

Horizontal runs shall be supported through braid rings.

Fire alarm cable which is permitted to run in free air shall be UL listed for such use and shall be red in color.

An exterior rated Audio/visual alarm device with a white strobe shall be installed above the key box if deemed necessary by the fire code official.

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.

Plans approved as designed.

Plans approved as noted above.

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 its original conditions prior to final inspection.

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

Andrew Schneider
SIGNATURE

Andrew Schneider
NAME (PRINT)

6/10/24
DATE

Ron Herff

From: Ron Herff
Sent: Friday, June 7, 2024 3:33 PM
To: Casey _
Subject: Fire Alarm Permit. 1065 Thorndale, Bensenville IL

FILE COPY
Village of Bensenville

Your fire alarm permit for 1065 Thorndale is ready to be picked up at the Village of Bensenville Village Hall 12 S Center.

Fees-

Escrow-----\$ 180.00

Application, review and inspections \$ 322.00

Total-----\$ 502.00

If you have any questions please feel free to give me a call anytime.

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

State of Illinois

Department of Financial and Professional Regulation Division of Professional Regulation

LICENSE NO.
127.001171
124.001493

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:
08/31/2026

LICENSED PRIVATE ALARM CONTRACTOR AGENCY



PINNACLE COMMUNICATIONS
555 MORGAN LN
JOSEPH SCHNEIDER
HOFFMAN ESTATES, IL 60169-3145



MARIO TRETO, JR.
SECRETARY

CECILIA ABUNDIS
DIRECTOR

The official status of this license can be verified at IDFPR.illinois.gov

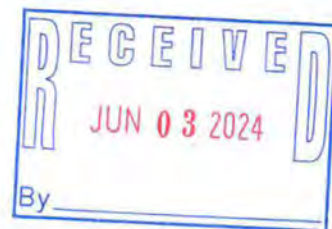
18176000

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: 1004489

FILE COPY
Village of Bensenville

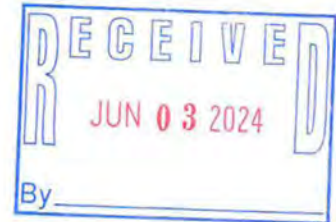


FILE COPY
Village of Bensenville



PINNACLE

COMMUNICATIONS
FIRE AND SECURITY SYSTEMS INC.



FIRE ALARM SUBMITTAL

FOR

Bridgeway of Bensenville

303 E Washington St,
Bensenville, IL. 60106

FROM

Pinnacle Communications Fire and Security
P.O. Box 681506
Schaumburg, IL. 60168-1506
847-843-7376 Pinncom55@gmail.com

PRESENTED BY

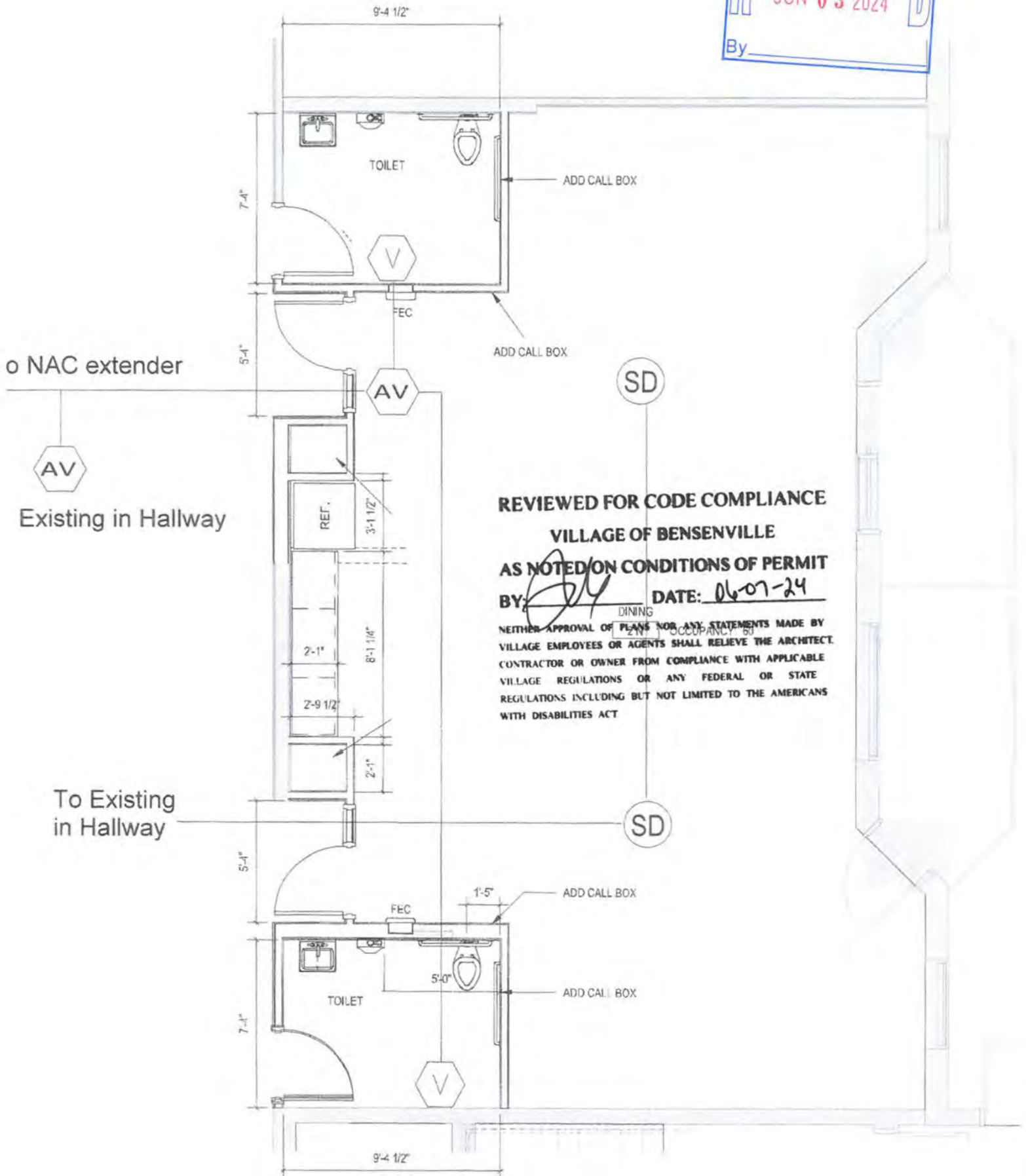
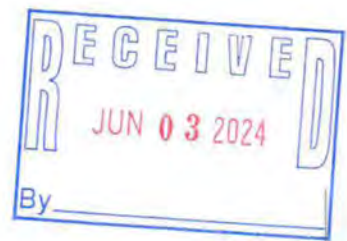
Joseph Schneider
NICET Level III
Certification #99770



Scope of Work

Existing sprinklered space being renovated upgraded to fire alarm system by adding NAC expander Power Supply for dining space first floor and second floor, adding a strobe to bathroom and A/V in dining area. Add Smoke detector in common area. 14/2 AWG fire wire will be used to extend existing NAC loop. 16/2 AWG fire wire will be used to extend SLC loop.

By replacing existing devices to match new LED devices power draw would be At a negative of existing not requiring power supply.

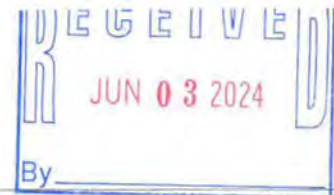


**REVIEWED FOR CODE COMPLIANCE
VILLAGE OF BENSENVILLE**

AS NOTED ON CONDITIONS OF PERMIT
BY: [Signature] DATE: 06-07-24

NEITHER APPROVAL OF PLANS NOR ANY STATEMENTS MADE BY
VILLAGE EMPLOYEES OR AGENTS SHALL RELIEVE THE ARCHITECT,
CONTRACTOR OR OWNER FROM COMPLIANCE WITH APPLICABLE
VILLAGE REGULATIONS OR ANY FEDERAL OR STATE
REGULATIONS INCLUDING BUT NOT LIMITED TO THE AMERICANS
WITH DISABILITIES ACT

Bridgewayofbensenville - Voltage Drop Calculation Report



POWER SOURCE

Power Source	FL-PS6 CLASS B	Brand	FireLite	Model Number	FL-PS6 CLASS B	Nominal System Voltage	20.4 VOLTS
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CIRCUIT 1 - POINT TO POINT

NAC Circuit1	0.123 AMPS	CLASS B	14 AWG	3 Devices	0.123 AMPS USED	0.03 VOLTAGE DROP		
#	Device Model	Candela	Pattern	Volume	Tone	CURRENT (AMPS)	Dist from prev device (feet)	Volts
1	SRLED	15				0.018	20	20.38
2	PC2RLED	75	Temporal	High	3100Hz	0.087	18	20.37
3	SRLED	15				0.018	18	20.37

CIRCUIT 2 - POINT TO POINT

NAC Circuit2		0.123 AMPS		CLASS B		14 AWG		3 Devices		0.123 AMPS USED		0.04 VOLTAGE DROP	
#	Device Model	Candela	Pattern	Volume	Tone	CURRENT (AMPS)		Dist from prev device (feet)		Volts			
1	SRLED	15				0.018		28		20.38			
2	PC2RLED	75	Temporal	High	3100Hz	0.087		18		20.37			
3	SRLED	15				0.018		18		20.36			

CIRCUIT 3 - POINT TO POINT

NAC Circuit3		0 AMPS	CLASS B	14 AWG	0 Devices	0 AMPS USED	0 VOLTAGE DROP	
#	Device Model	Candela	Pattern	Volume	Tone	CURRENT (AMPS)	Dist from prev device (feet)	Volts

CIRCUIT 4 - POINT TO POINT

NAC Circuit4		0 AMPS	CLASS B	14 AWG	0 Devices	0 AMPS USED	0 VOLTAGE DROP	
#	Device Model	Candela	Pattern	Volume	Tone	CURRENT (AMPS)	Dist from prev device (feet)	Volts

CIRCUIT 5 - POINT TO POINT

NAC Circuit5		0 AMPS	CLASS B	14 AWG	0 Devices	0 AMPS USED	0 VOLTAGE DROP	
#	Device Model	Candela	Pattern	Volume	Tone	CURRENT (AMPS)	Dist from prev device (feet)	Volts

NAC POWER EXTENDER BATTERY CALCULATOR

NAC Power Extender
AL602ULADA



Output Voltage: 24
VDC

Maximum Available Current: 6.5
A

Maximum Available NAC Current Per
Circuit: 2.5
A

Maximum Available Current per Aux
Output: 1 A

Device Type	Device Name	Quantity	Load per Device		Total Device Load	
			Stand-By	Alarm	Stand-By	Alarm
NAC Power Extender						
NAC Power Extender	AL602ULADA	1	0.09 A	0.175 A	0.09 A	0.175 A

Notification Appliances

NAC 1 Class B

Notification Appliance	Bathroom Strobe	1	0A	0.043A	0A	0.043A
Notification Appliance	dining Strobe	1	0A	0.121A	0A	0.121A
Notification Appliance	Bathroom Strobe	1	0A	0.043A	0A	0.043A

NAC 2 Class B

Notification Appliance	Bathroom Strobe	1	0A	0.043A	0A	0.043A
Notification Appliance	Dining Strobe	1	0A	0.121A	0A	0.121A
Notification Appliance	Bathroom Strobe	1	0A	0.043A	0A	0.043A

NAC 3 Class B

NAC 4 Class B

Auxiliary Devices

Aux Output 1 Battery backed up. (Current draw must not exceed 1A.)

Total System Load: 0.09 A 0.589 A

Battery Capacity Required

Stand-by Battery Capacity: 5.4 AH

Alarm Battery Capacity: 0.05 AH

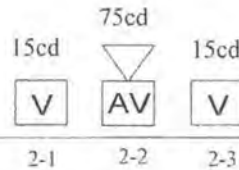
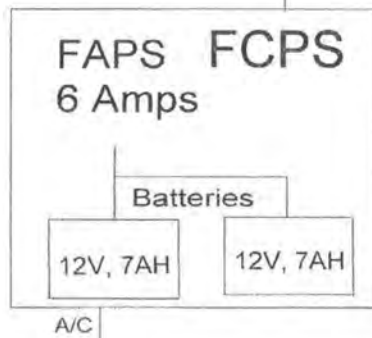
Minimum Battery Capacity: 6.54 AH



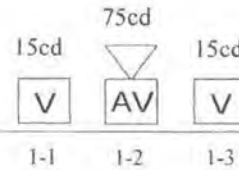
Fire alarm Riser and Voltage Drop Diagram

Fire System Legend	
FACP	Fire Alarm Control Panel
FCPS	Fire Control Power Supply
V	ADA Visual Wall Mount
AV	ADA Audio/visual
M	Manual Pull Station
F	Flow Switch
T	Tamper Switch
ⓧ	ADA Ceiling Audio/visual
SD	Smoke Detector

New Input Existing
NAC Circuit



Dining Second Floor
NAC 2 = .123 Amps
.04 VD



Dining First Floor
NAC 1 = .123 Amps
.03 VD

120VAC POWER CONNECT
TO A DEDICATED BRANCH
20 AMP CIRCUIT

		FIRE ALARM RISER	
303 E Washington St Bensenville, IL		Riser	
DATE	SCALE	DESIGN	REV
5/20/2024	NONE		FA-1



L-Series and L-Series with LED Indoor Selectable Horns, Strobes and Horn Strobes

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

Features

- LED technology provides lower current draw
- Digital Voltage Meter (DVM) diagnostic test points for Horn Strobes and Strobes
- Common aesthetics across the L-Series platform
- Standard and compact sizes
- Tamper-resistant construction
- Field-selectable candela settings on wall units: 15, 30, 75, 95, 110, 135, and 185
- Field-selectable candela settings on ceiling units: 15, 30, 75, 95, 115, 150, and 177
- Rotary switches for candela, tone and volume selections
- Mounting plate provides plug-in design for easier installation and shorting springs to check wiring continuity
- Electrically compatible with legacy SpectrAlert, SpectrAlert Advance and L-series devices
- Synchronization through use of UL approved power supplies that support System Sensor Sync protocol or System Sensor MDL3 Sync Module
- Horns, Strobes and Horn Strobes listed for wall or ceiling use

Agency Listings



The System Sensor L-Series and L-Series with LED

platform offers the most versatile and easy-to-use line of horns, strobes, and horn strobes in the industry with lower current draw and modern aesthetics. LED lighting technology offers significantly lower current draw compared to older Xenon bulbs across a full candela range. This improves design flexibility for notification appliance circuits (NACs) while also reducing power supply requirements allowing for simpler and lower cost installations.

Flexible design options meet virtually any application requirement: wall or ceiling mount, standard or compact sizes, red or white color choices, bezel kits for alternate markings and languages, and LED color lenses for distinctive visual signaling. In addition, installers can easily adapt devices using field selectable candela, tone and volume settings using rotary switches.

The L-Series and L-Series with LED line is developed to simplify 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. The universal mounting plate includes an onboard shorting spring, so installers can test wiring continuity before the device is installed.

In addition, the System Sensor L-Series with LED notification appliances offer a new diagnostic test point feature that allows you to measure device voltage with a digital voltage meter (DVM) without removing the appliance from the wall or ceiling. The DVM test points are discreetly located on the face of the notification appliance which enable faster troubleshooting and end of line (EOL) voltage checks while greatly reducing the risk of misplacing or damaging appliances during troubleshooting.

L-Series and L-Series with LED Specifications

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, LED Strobes and Horn Strobes	Regulated 24 VDC
Nominal Voltage, Horns	Regulated 12 VDC or regulated 24 DC/FWR
Operating Voltage Range, LED Strobes and Horn Strobes	16 to 33 V (24 V nominal)
Operating Voltage Range, Horns	8 to 17.5 V (12 V nominal) or 16 to 33 V (24 V nominal)
Input Terminal Wire Gauge	12 to 18 AWG

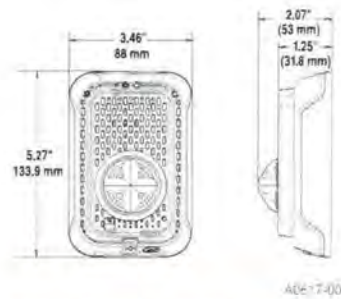
UL/ULC Current Draw Data, Horn Tones, and Sound Output Data

UL/ULC Maximum Strobe Current Draw (mA)			
Candela Range	Candela Rating	16–33 Volts	
		Wall	Ceiling
	15	18	18
	30	22	22
	75	70	70
	95	75	75
	110	85	—
	115	—	90
	135	105	—
	150	—	110
	177	—	115
	185	120	—

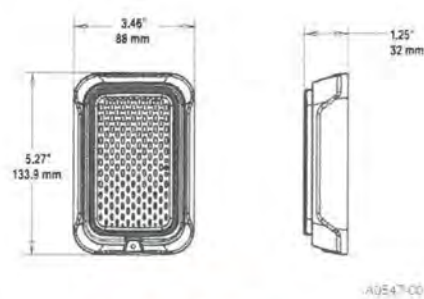
UL/ULC Maximum Horn Current Draw (mA RMS)				
Sound Pattern	dB	8–17.5 Volts	16–33 Volts	
		DC	DC	FWR
Temporal	High	39	44	54
Temporal	Low	28	32	54
Non-Temporal	High	43	47	54
Non-Temporal	Low	29	32	54
3.1 KHz Temporal	High	39	41	54
3.1 KHz Temporal	Low	29	32	54
3.1 KHz Non-Temporal	High	42	43	54
3.1 KHz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

UL/ULC Maximum Horn Strobe Current Draw (mA) and Sound Output (dBA)													
Current Draw (mA RMS), Horn Strobe, Candela Range (15-185 cd)													Sound Output (dBA)
Switch Pos.	Sound Pattern	Volume Setting	16-33 Volts										16-33V
			15cd	30cd	75cd	95cd	110cd	115cd	135cd	150cd	177cd	185cd	DC
							WALL	CEILING	WALL	CEILING	CEILING	WALL	
1	Temporal 3	High	35	38	87	92	94	120	189	189	190	190	87
2	Temporal 3	Low	35	38	87	92	94	120	135	135	145	145	79
3	Non-Temporal	High	50	52	87	92	94	120	127	127	135	135	87
4	Non-Temporal	Low	35	38	87	92	94	120	125	125	130	130	79
5	3.1KHz Temporal 3	High	35	38	87	89	91	115	155	155	165	165	86
6	3.1KHz Temporal 3	Low	35	38	87	89	91	115	128	130	135	135	80
7	3.1KHz Non-Temporal	High	40	42	87	89	91	115	125	125	135	135	86
8	3.1KHz Non-Temporal	Low	35	38	87	89	91	115	120	120	130	130	80

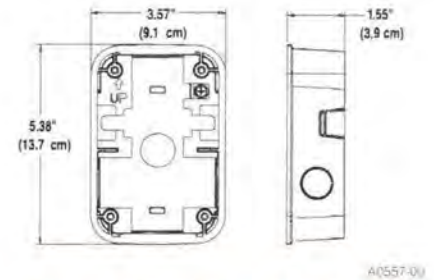
L-Series with LED Dimensions: Wall-Mounted Equipment



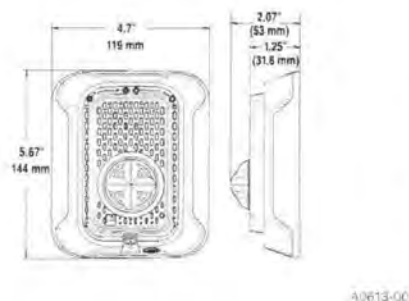
**Compact Strobe, Horn Strobe
for Wall**



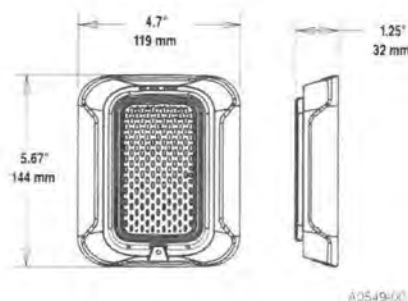
Compact Horn



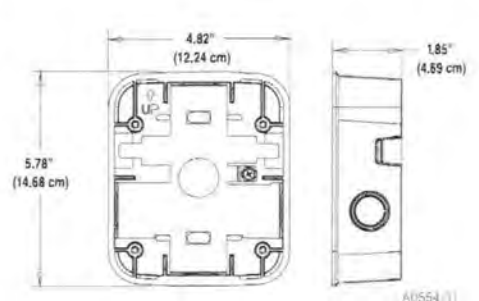
**Compact Surface Mount Back Box
for Walls (SBBGRL, SBBGWL)**



**Strobes, Horn Strobes
for Walls**

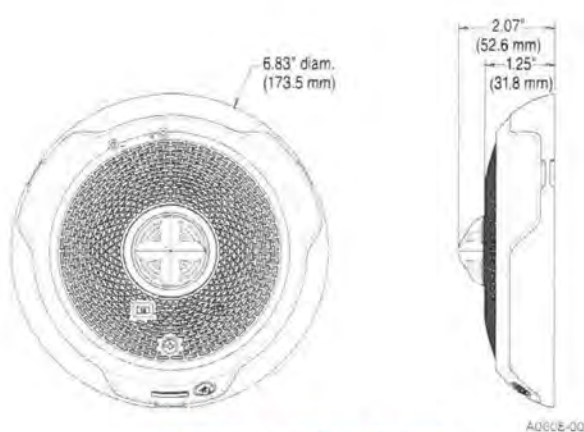


Horn

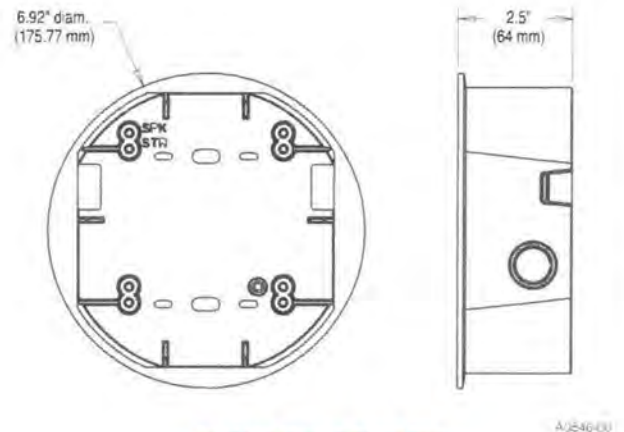


**Surface Mount Back Box
for Walls (SBBRL/SBBWL)**

L-Series with LED Dimensions: Ceiling-Mounted Equipment



**Strobes and Horn Strobes
for Ceilings**



**Surface Mount Back Box
for Ceilings (SBBCL, SBCWL)**

L-Series with LED: Ordering Information

Model	Description
L-Series with LED Horn Strobes	
P2RLED	2-Wire, Horn Strobe, Wall, Red
P2RLED-B	2-Wire, Horn Strobe, Wall, Red, Bilingual
P2WLED	2-Wire, Horn Strobe, Wall, White
P2WLED-B	2-Wire, Horn Strobe, Wall, White, Bilingual
P2GRLED	2-Wire, Compact Horn Strobe, Wall, Red
P2GRLED-B	2-Wire, Compact Horn Strobe, Wall, Red, Bilingual
P2GWLED	2-Wire, Compact Horn Strobe, Wall, White
P2GWLED-B	2-Wire, Compact Horn Strobe, Wall, White, Bilingual
P2RLED-P	2-Wire, Horn Strobe, Wall, Red, Plain
P2WLED-P	2-Wire, Horn Strobe, Wall, White, Plain
P2RLED-SP	2-Wire, Horn Strobe, Wall, Red, FUEGO
P2WLED-SP	2-Wire, Horn Strobe, Wall, White, FUEGO
PC2RLED	2-Wire, Horn Strobe, Ceiling, Red
PC2RLED-B	2-Wire, Horn Strobe, Ceiling, Red, Bilingual
PC2WLED	2-Wire, Horn Strobe, Ceiling, White
PC2WLED-B	2-Wire, Horn Strobe, Ceiling, White, Bilingual
L-Series with LED Strobes	
SRLED	Strobe, Wall, Red
SRLED-B	Strobe, Wall, Red, Bilingual
SWLED	Strobe, Wall, White
SWLED-B	Strobe, Wall, White, Bilingual
SGRLED	Strobe, Compact, Wall, Red
SGRLED-B	Strobe, Compact, Wall, Red, Bilingual
SGWLED	Strobe, Compact, Wall, White
SGWLED-B	Strobe, Compact, Wall, White, Bilingual
SRLED-P	Strobe, Wall, Red, Plain
SWLED-P	Strobe, Wall, White, Plain
SRLED-SP	Strobe, Wall, Red, FUEGO
SWLED-CLR-ALERT	Strobe, Wall, White, ALERT
SWLED-ALERT	Strobe, Wall, White, ALERT, Amber Lens
SCRLED	Strobe, Ceiling, Red
SCRLED-B	Strobe, Ceiling, Red, Bilingual
SCRLED-P	Strobe, Ceiling, White, Plain
SCWLED	Strobe, Ceiling, White
SCWLED-B	Strobe, Ceiling, White, Bilingual
SCWLED-P	Strobe, Ceiling, White, Plain
SCWLED-CLR-ALERT	Strobe, Ceiling, White, ALERT
L-Series Horns	
HRL*	Horn, Red
HRLA*	Horn, Red, Plain, ULC
HWL*	Horn, White
HWLA*	Horn, White, Plain, ULC
HGRL*	Compact Horn, Red
HGRLA*	Compact Horn, Red, Plain, ULC
HGWL*	Compact Horn, White
HGWLA*	Compact Horn, White, Plain, ULC

Model	Description
LED Lenses	
LENS-A3	Lens LED Amber Wall/Ceiling
LENS-B3	Lens LED Blue Wall/Ceiling
LENS-G3	Lens LED Green Wall/Ceiling
LENS-R3	Lens LED Red Wall/Ceiling
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
TRC-2	Universal Ceiling Trim Ring, Red
TRC-2W	Universal Ceiling Trim Ring, White
SBBCRL	Ceiling Surface Mount Back Box, Red
SBBCWL	Ceiling Surface Mount Back Box, White
Bezels†	
BZR	Wall Red Bezel Kit
BZW	Wall White Bezel Kit
BZGR	Compact Wall Red Bezel Kit
BZGW	Compact Wall White Bezel Kit
BZRC	Horn Strobe Ceiling Red Bezel Kit
BZWC	Horn Strobe Ceiling White Bezel Kit

Notes for L-Series With LED Horn Strobes and Strobes:

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.
 All -B models have "FIRE/FEU" marking on cover for use in Canadian applications.
 Amber lenses are not for use in Canadian applications.

Notes for L-Series Horns:

*Horn-only models are listed for wall or ceiling use.

Notes for Bezels:

†Each bezel pack ships in a package of 5.
 Add one of the following extensions for print/language options: -F (FIRE), -AL (ALERT), -EV (EVAC), -AG (AGENT), -P (Plain), -FR (FEU), -PG (FOGO), -SP (FUEGO), -SPE (FUEGO/FIRE).

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