



Lake Johanna Fire Department

All drawings and documents appearing hereign are the property of BMS Signs & Printing and may not be used, duplicated or disclosed without the written consent from BMS Signs & Printing. All Rights Reserved.

PLEASE REVIEW THIS PROOF CAREFULLY
 We do our best to make sure things are correctly, but is your responsibility to review all spelling and content for accuracy. BMS Signs & Printing will not be responsible for any errors in spelling, acurracy, or layout after a proof has been approved.

 Colors on finished product may vary slightly from electronic proof.

- ## Project Schedule
- Mockup
 - Revisions
 - Full-drawing
 - Quote
 - Acceptance / Deposit
 - Landlord approval
 - Permitting
 - Fabrication
 - Installation

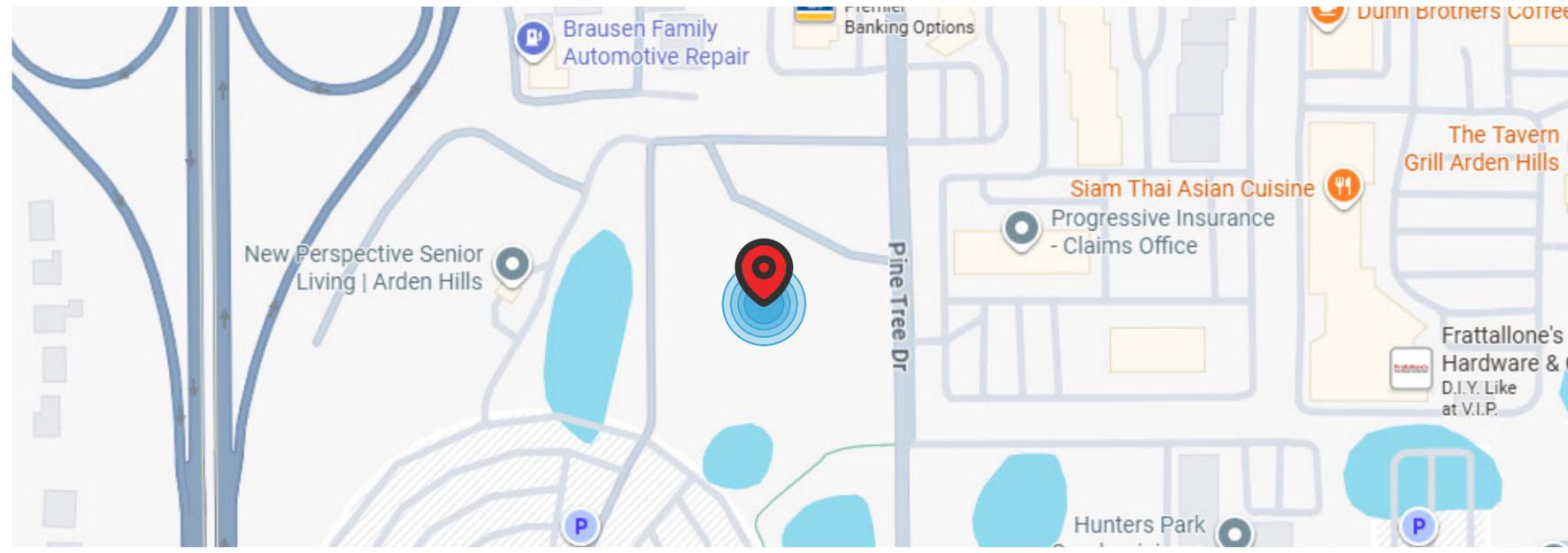
- ## Index
- 1.0 / Cover
 - 2.0 / Mockups
 - 3.0 / 3D Renderings
 - 4.0 / Measurements & Resolution
 - 5.0 / Electrical & Equipment



Estimated Installation

2026 January

01	02	03	04	05	06	07
08	09	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					



BMS
 612-545-6636 • printbms.com
 3125 84th Ln NE, Blaine, MN 55449

PROJECT NAME
 Scope of work:
 Fabricate
 Permit
 Installation

PROJECT ADDRESS
 Address
 3535 Pine Tree Dr | Arden Hills, MN 55112
 County
 United States

CLIENT INFO
 NAME
 Jonathan Rasch
 NUMBER
 651-415-2125
 EMAIL
 jrasch@ljfd.org

CLIENT INFO
 Wind Speed 140 mph
 Mean Height 60 ft
 These drawings are compiled by NEC2017
 Wind Code ASCE 7-16 Exposure C Risk Category II
 Wind Pressure (WP) 48.19 psf
 GCP=1.40 Total Pressure = WP*SF 67.47 psf
 Quality Control and UL certification
 All products are subject to quality control inspection prior to leaving our facility.

Lake Johanna Fire Department - MULTIPLE SIGNS (DAY)

BMS SIGNS & PRINTING

3125 84th Ln NE
Blaine, MN 55449
612-545-6636
printbms.com

Project Name

3535 Pine Tree Dr
Arden Hills,
MN 55112
United States

Project Address

3535 Pine Tree Dr
Arden Hills, MN 55112
United States

Property Owner

Jonathan Rasch

All drawings and documents appearing hereon are the property of BMS Signs & Printing and may not be used, duplicated or disclosed without the written consent from BMS Signs & Printing.

All Rights Reserved.



Lake Johanna Fire Department – MULTIPLE SIGNS (NIGHT)



BMS SIGNS & PRINTING

3125 84th Ln NE
Blaine, MN 55449
612-545-6636
printbms.com

Project Name

3535 Pine Tree Dr
Arden Hills,
MN 55112
United States

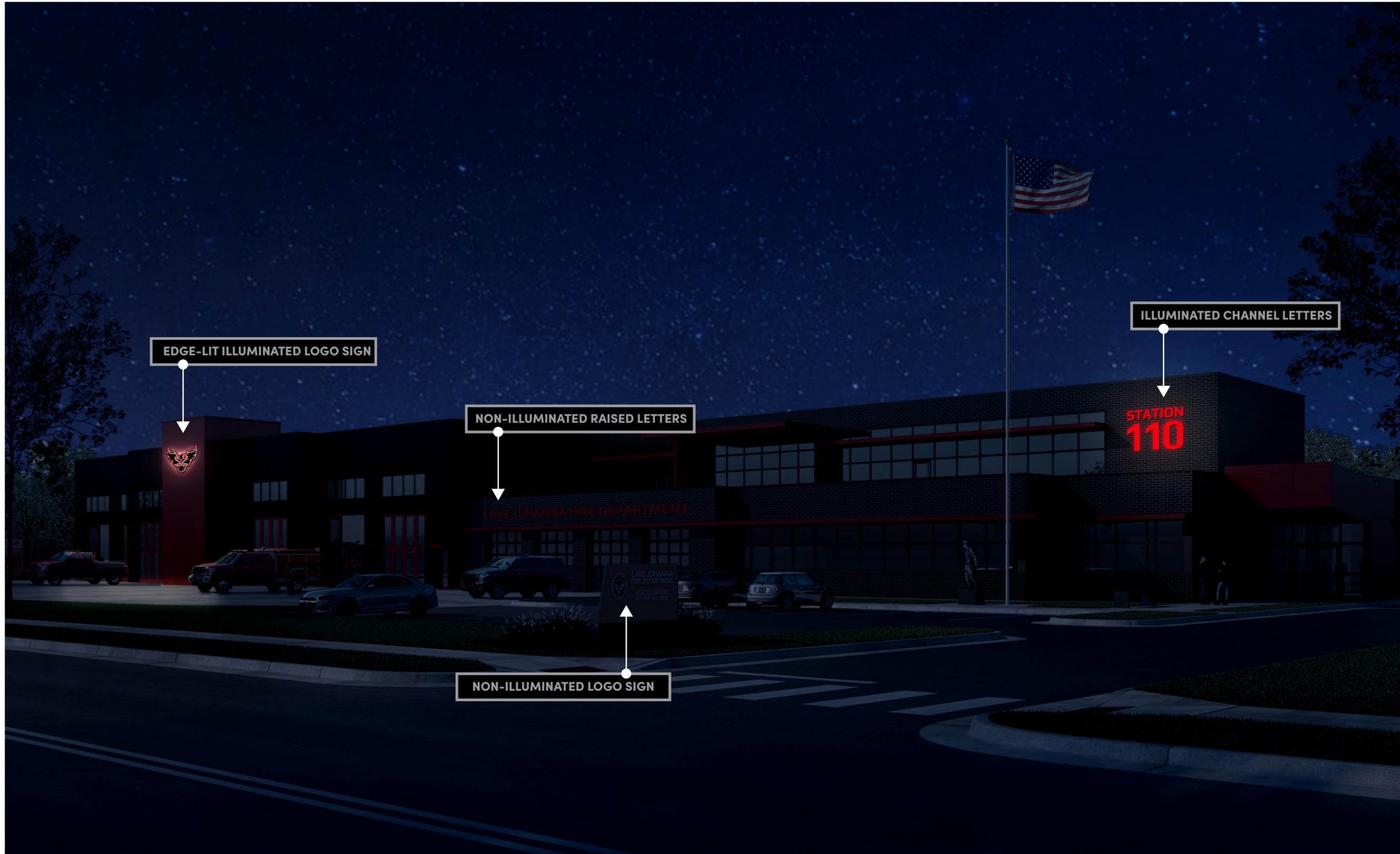
Project Address

3535 Pine Tree Dr
Arden Hills, MN 55112
United States

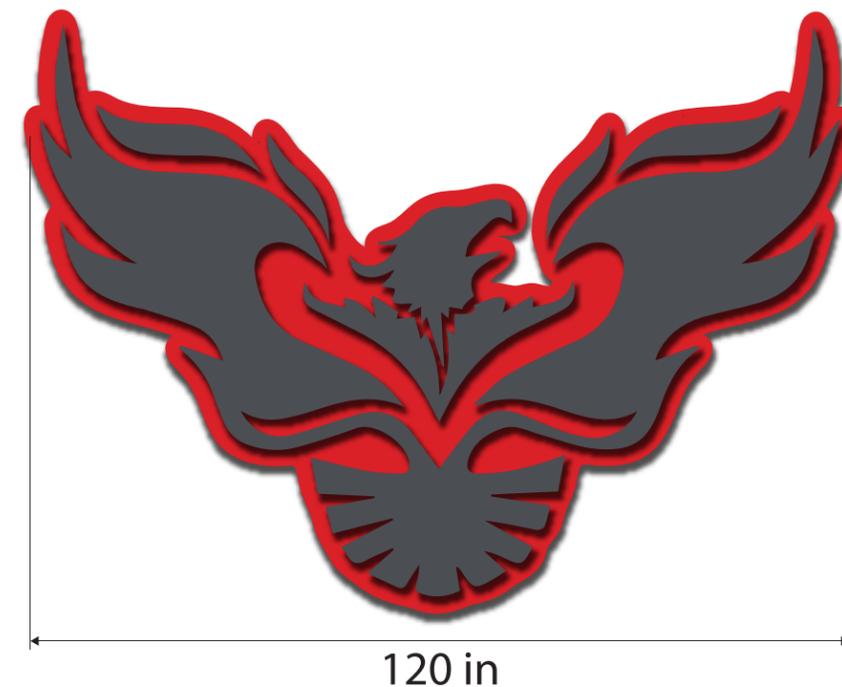
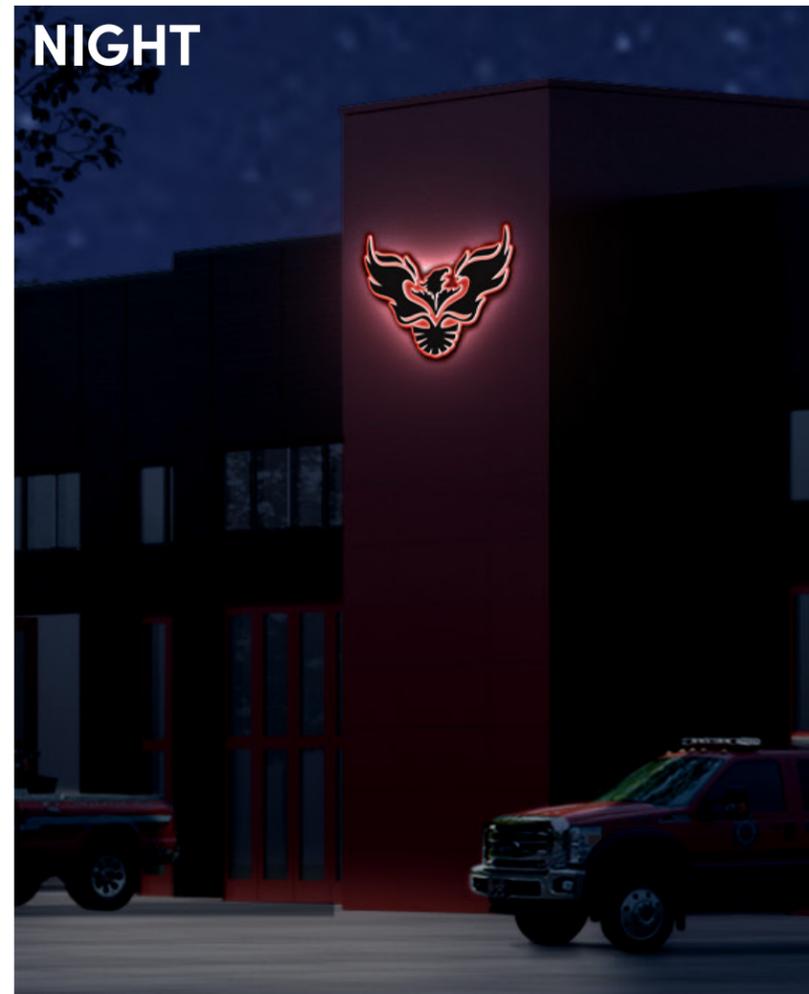
Property Owner

Jonathan Rasch

All drawings and documents appearing hereon are the property of BMS Signs & Printing and may not be used, duplicated or disclosed without the written consent from BMS Signs & Printing.
All Rights Reserved.

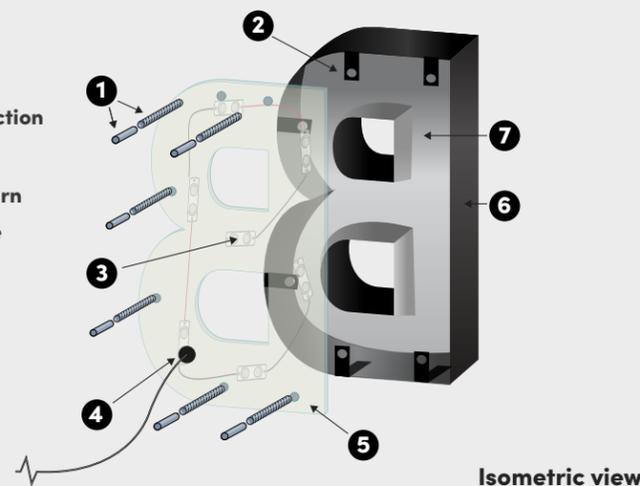


Lake Johanna Fire Department - Edge-Lit - Illuminated Logo (DETAILS)

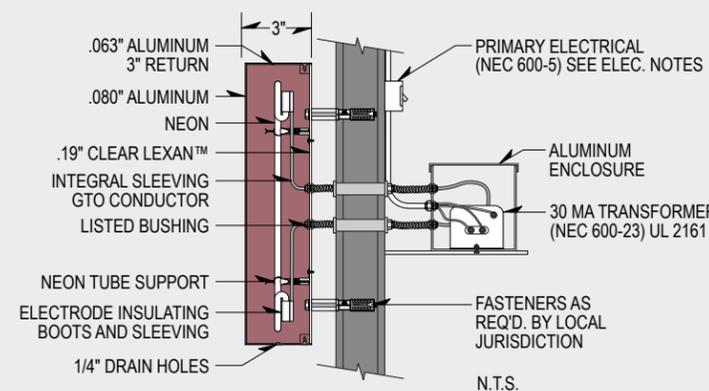


Halo lit letters

- 1 Studs with spacers
- 2 Clip attachments
- 3 LED illumination
- 4 Power supply connection
- 5 3/16" Clear acrylic
- 6 .040" Aluminum return
- 7 .063" Aluminum face



Section details - letters / backplate raceway



Color specifications

PANTONE® PMS 7540 C	PANTONE® PMS 1795 C	FACES 1/8" ACRYLIC Standard -White
TRIMCAP Standard Black	RETURNS Standard Black	

Lighting



True White QM2
CCT/Wavelength: 7100 K
Intensity: 94.1 lm/mod (160 lm/ft)
Efficacy: 118 lm/W



Lake Johanna Fire Department – Edge Lit – Illuminated Logo (DETAILS CONT.)

BMS SIGNS & PRINTING

3125 84th Ln NE
Blaine, MN 55449
612-545-6636
printbms.com

Project Name
3535 Pine Tree Dr
Arden Hills,
MN 55112
United States

Project Address
3535 Pine Tree Dr
Arden Hills, MN 55112
United States

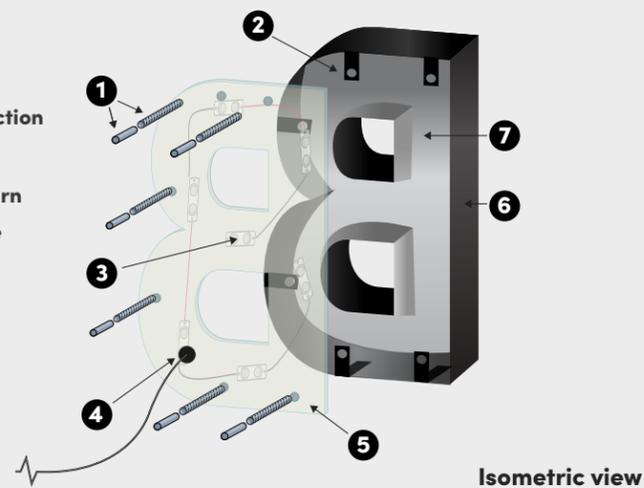
Property Owner
Jonathan Rasch

All drawings and documents appearing hereon are the property of BMS Signs & Printing and may not be used, duplicated or disclosed without the written consent from BMS Signs & Printing.
All Rights Reserved.

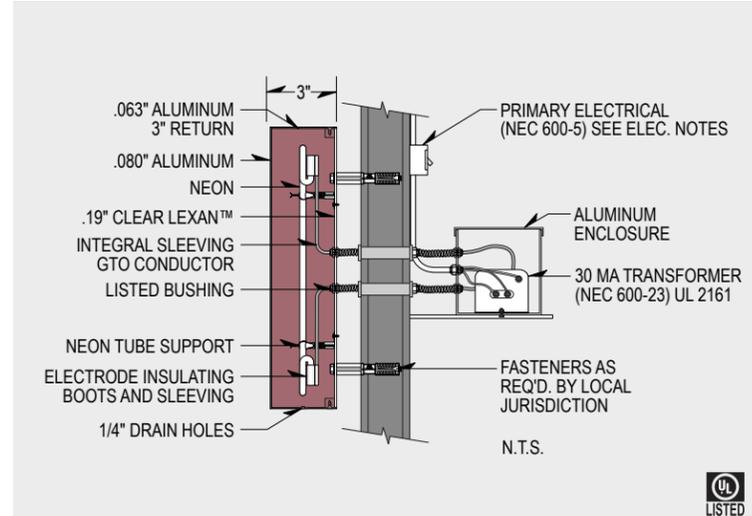


Halo lit letters

- 1 Studs with spacers
- 2 Clip attachments
- 3 LED illumination
- 4 Power supply connection
- 5 3/16" Clear acrylic
- 6 .040" Aluminum return
- 7 .063" Aluminum face



Section details - letters / backplate raceway



Color specifications

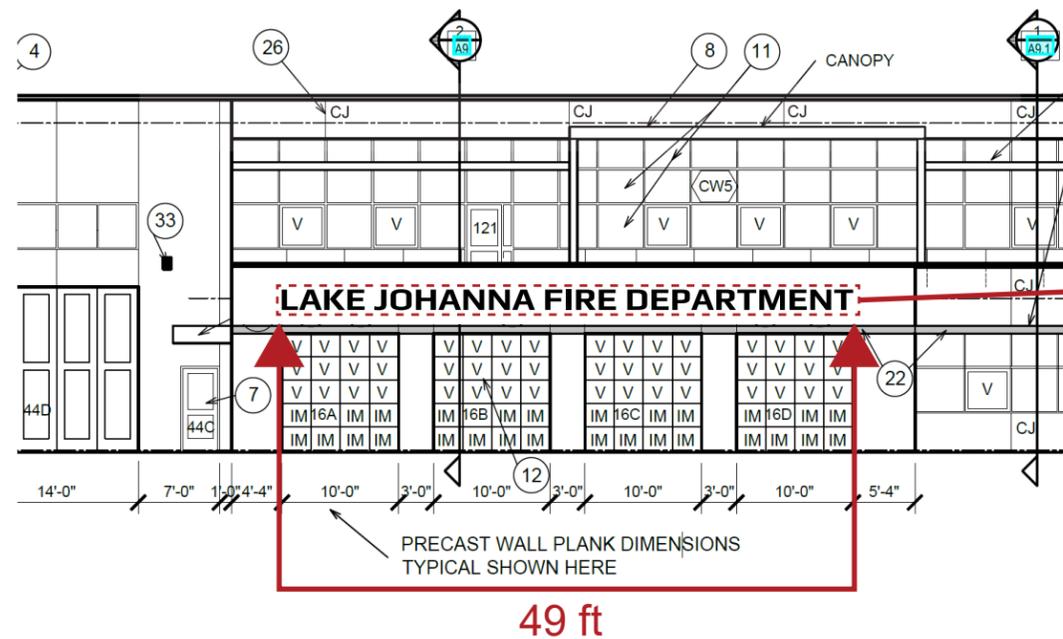
PANTONE® PMS 7540 C	PANTONE® PMS 1795 C	FACES 1/8" ACRYLIC Standard -White
TRIMCAP Standard Black	RETURNS Standard Black	

Lighting

True White QM2
CCT/Wavelength: 7100 K
Intensity: 94.1 lm/mod (160 lm/ft)
Efficacy: 118 lm/W

Lake Johanna Fire Department - Dimensional Raised Letters (DETAILS)

21 1/2 in
LAKE JOHANNA FIRE DEPARTMENT
588 in



Square Feet = 87.79 ft²

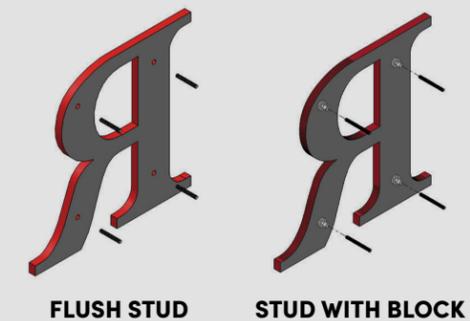
Fabricated Letters



Color specifications

PANTONE® PMS 7621 C	FACES 1/8" ACRYLIC Standard -White
TRIMCAP Standard Black	RETURNS Standard Black

Mounting Options



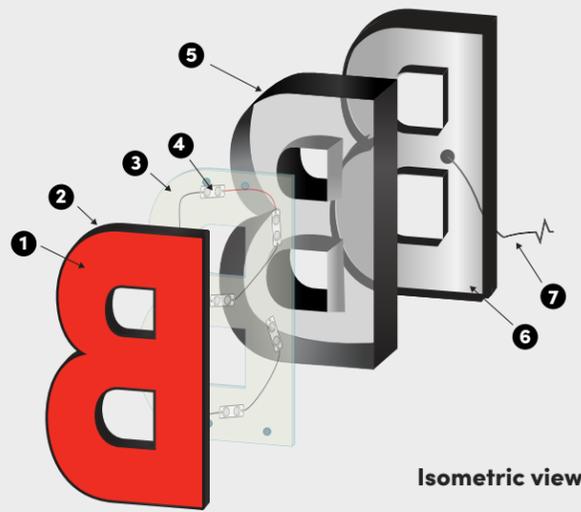
Isometric view

Lake Johanna Fire Department - Illuminated Channel Letters (DETAILS)

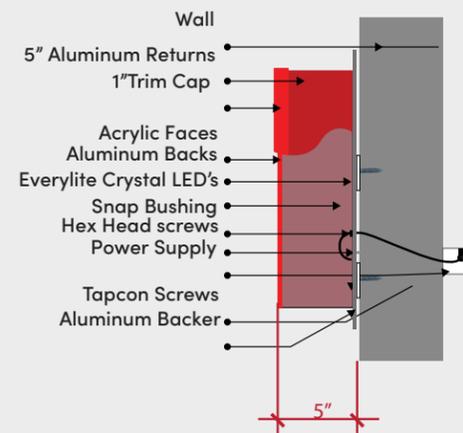


Front channel letters

- 1 Translucent premium vinyl
- 2 Trimcap
- 3 .177 White acrylic face
- 4 LED illumination
- 5 .040 Aluminum return
- 6 .090" Aluminum backing
- 7 Power supply connection



Section details - letters / flush to wall



Color specifications

PANTONE® PMS 7621 C	FACES 1/8" ACRYLIC Standard -White
TRIMCAP Standard Black	RETURNS Standard Black

Lighting



True RED QM2
CCT/Wavelength: 7100 K
Intensity: 94.1 lm/mod (160 lm/ft)
Efficacy: 118 lm/W

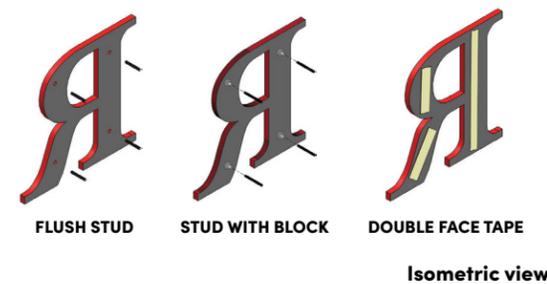


Lake Johanna Fire Department – Non-Illuminated Logo Sign (DETAILS)



3 ft

Mounting Options



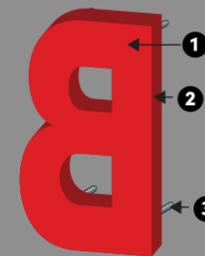
Color specifications

PANTONE® PMS 7621 C	Routed Aluminum
TRIMCAP Standard Black	RETURNS Standard Black
	FACES 1/8" ACRYLIC Standard -White

Material Options

Acrylic

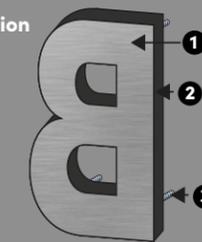
- 1 Flat surface
- 2 Die-cut edge
- 3 Studs for mounting



Isometric view

Flat cut metal letters

- 1 Flat surface, metal lamination
- 2 Die-cut acrylic edge
- 3 Studs for mounting



Isometric view