

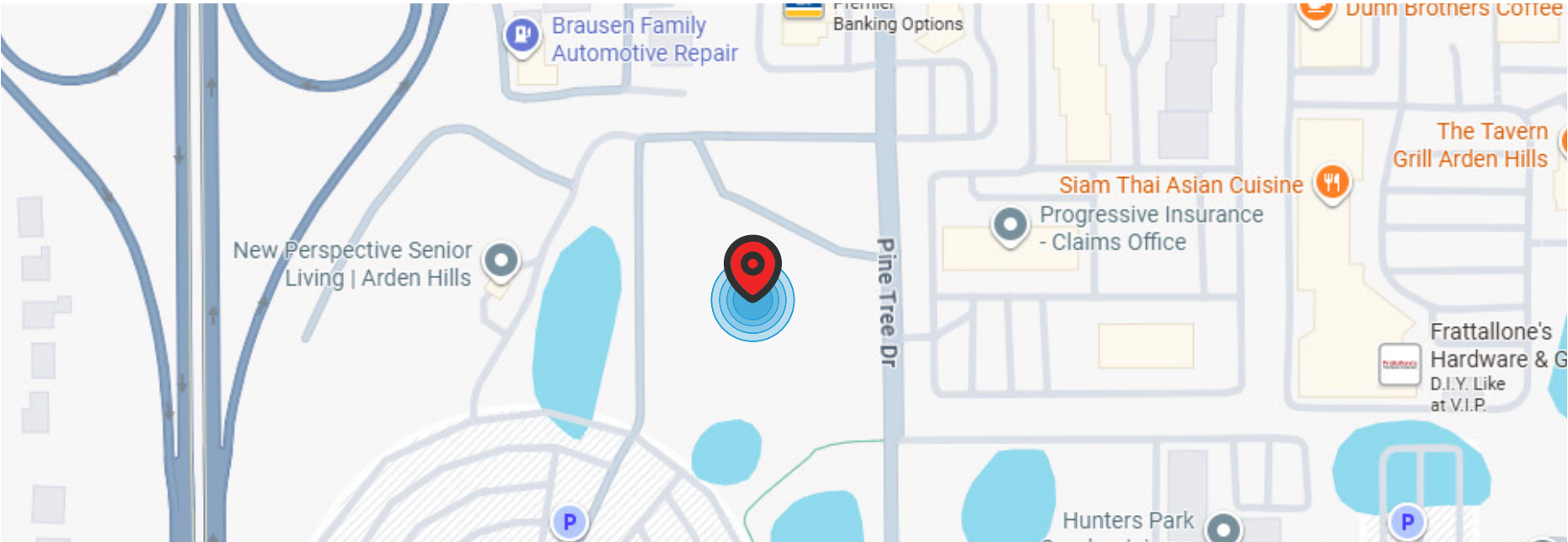
Lake Johanna Fire Department

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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 complied by NEC2017

Wind Code ASCE 7-16 Exposure C Risk Category II
Wind Pressure (WP) 48.19 psf
G Cp =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)



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Project Name
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Arden Hills,
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Property Owner
Jonathan Rasch

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Lake Johanna Fire Department – MULTIPLE SIGNS (NIGHT)



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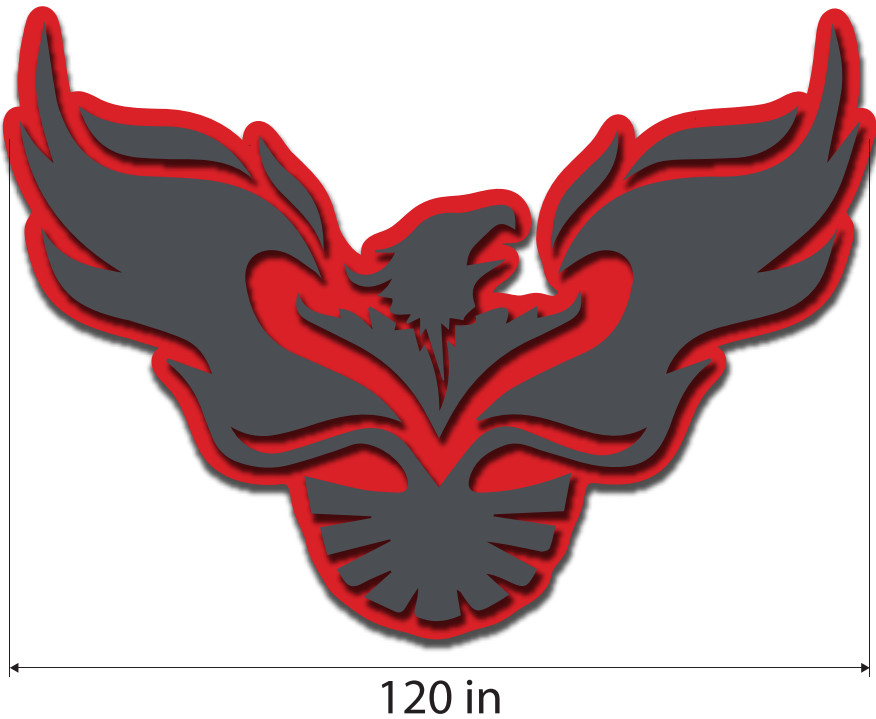
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Lake Johanna Fire Department – Edge-Lit – Illuminated Logo (DETAILS)



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

Isometric view

Section details – letters / backplate raceway

.063" ALUMINUM 3" RETURN
.080" ALUMINUM NEON
.19" CLEAR LEXAN™
INTEGRAL SLEEVING GTO CONDUCTOR LISTED BUSHING
NEON TUBE SUPPORT
ELECTRODE INSULATING BOOTS AND SLEEVING
1/4" DRAIN HOLES
PRIMARY ELECTRICAL (NEC 600-5) SEE ELEC. NOTES
ALUMINUM ENCLOSURE
30 MA TRANSFORMER (NEC 600-23) UL 2161
FASTENERS AS REQ'D. BY LOCAL JURISDICTION
N.T.S.

Color specifications

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

Lighting

PRINCIPAL SLOAN

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

UL LISTED E362710 CULUS CE RoHS Compliant



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



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

Isometric view

Section details – letters / backplate raceway

.063" ALUMINUM 3" RETURN
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Lighting

PRINCIPAL SLOAN We Speak Sign Language

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

UL CERTIFIED E36710 C-UL US CE RoHS Compliant



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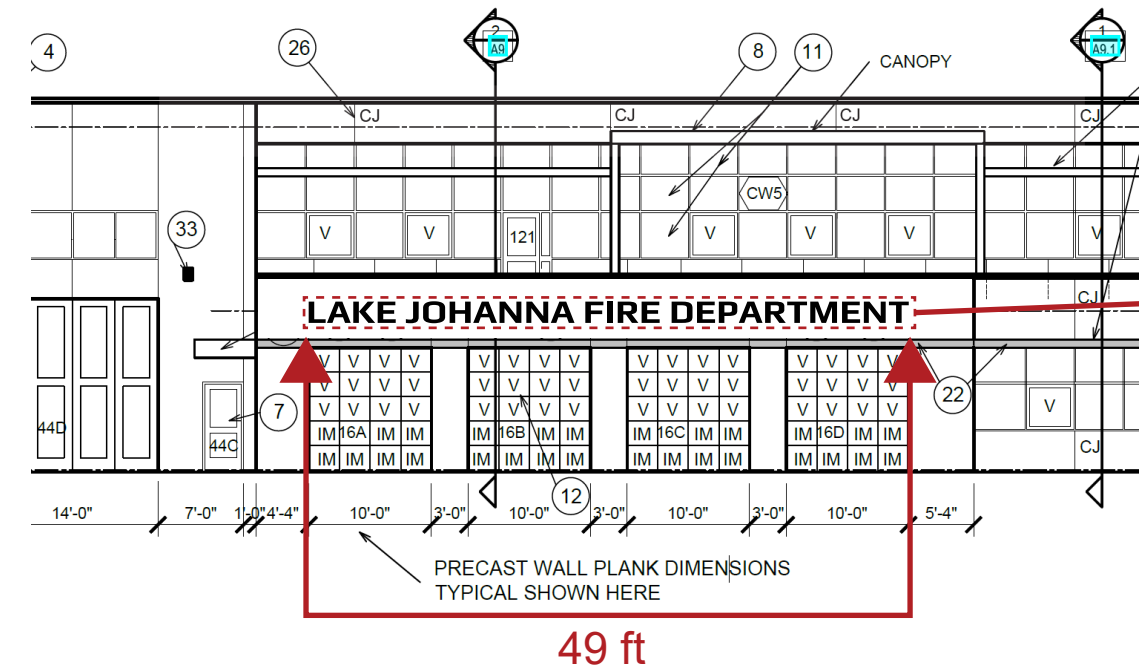
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Lake Johanna Fire Department – Dimentional Raised Letters (DETAILS)

21 1/2 in
LAKE JOHANNA FIRE DEPARTMENT
588 in

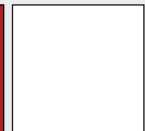


Square Feet = 87.79 ft²

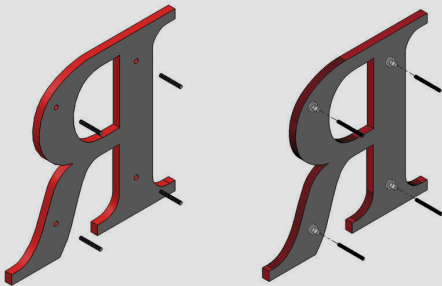
Fabricated Letters



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)



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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

Isometric view

Section details - letters / flush to wall

Wall
5" Aluminum Returns
1" Trim Cap
Acrylic Faces
Aluminum Backs
Everylite Crystal LED's
Snap Bushing
Hex Head screws
Power Supply
Tapcon Screws
Aluminum Backer

5"

UL LISTED

Color specifications

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

Lighting

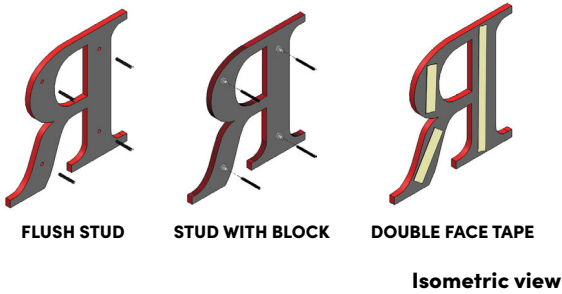
True RED QM2
CCT/Wavelength: 7100 K
Intensity: 94.1 lm/mod (160 lm/ft)
Efficacy: 118 lm/W

UL LISTED E362710 C-UL US CE RoHS Compliant

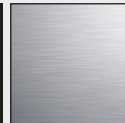
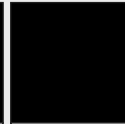
Lake Johanna Fire Department – Non- Illuminated Logo Sign (DETAILS)



Mounting Options



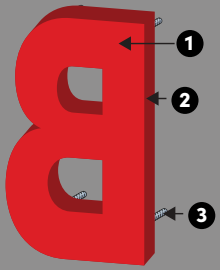
Color specifications

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

Material Options

Acrylic

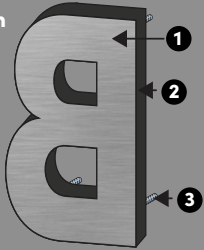
- 1 Flat surface
- 2 Die-cut edge
- 3 Studs for mounting



Isometric view

Flat cut metal letters

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



Isometric view



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