



PLANNING & DEVELOPMENT DEPARTMENT  
2 WOODWARD AVE SUITE 808, DETROIT, MI 48226

# HISTORIC DISTRICT COMMISSION

## CERTIFICATE OF APPROPRIATENESS

**Application Number:** HDC2025-00010

**Effective Date:** 04/02/25

**Project Address:** 3500 McDougall

**Issued to:** Katie Cook  
1420 Broadway  
Detroit, MI 48226

**Historic District:** Prince Hall Grand Lodge

**Description of Work:**  
*(continued on next page)*

- Replace vinyl, wood, and steel windows with new aluminum units (single hung and fixed)
- Install two new signs to include one the Gratiot facade (72-inch by 22-inch Alupanel, non-illuminated sign, centered on the facade above the second floor) and one on the McDougall facade (96- inch by 30-inch Alupanel sign, internally illuminated)

**With the Conditions that:**  
*(continued on next page)*

The proposed LED sign shall not be installed

**Application Number:** HDC2025-00010

**Description of Work:**

N/A

COA

**With the Conditions that:**

N/A

Pursuant to Section 5(10) of the Michigan Local Historic District Act, as amended, being MCL 399.205 (10) and Sections 21-2-57 and 21-2-73 of the 2019 Detroit City Code, and Detroit Historic District Commission ("DHDC") delegation of administrative authority via Resolutions 97-01, 97-02, 98-01, 20-03, 21-04, and/or 21-07, as applicable, the staff of the DHDC has reviewed the above referenced application and hereby issues a Certificate of Appropriateness ("COA") for the description of work, effective date above, as it meets the Secretary of the Interior's Standards for Rehabilitation and the district's Elements of Design

**For the Commission:**

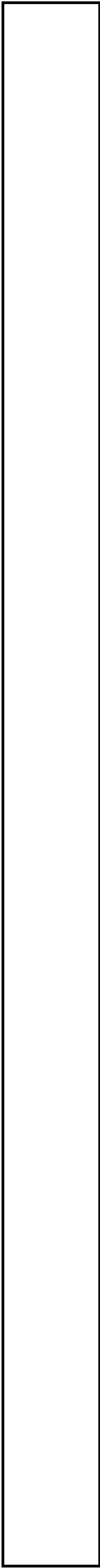


Daniel Rieden  
Senior Clerk to the Historic District Commission

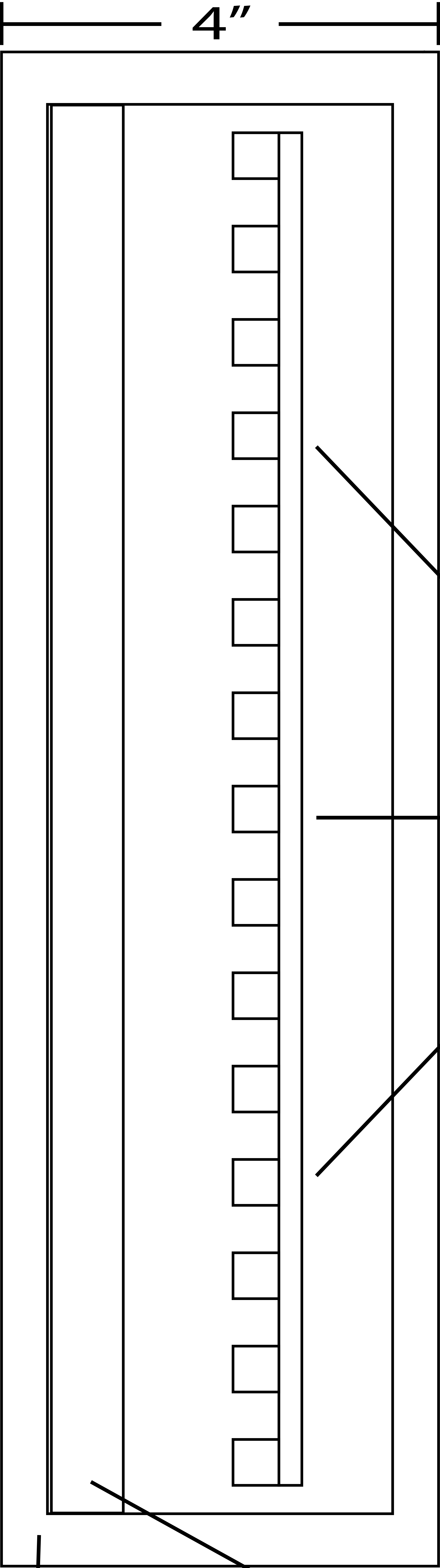


PSR: 250405jr

**Post this COA at the subject property until work is complete. It is important to note that approval by the DHDC does not waive the applicant's responsibility to comply with any other applicable ordinances or statutes.**



1/2"  
METAL



4"

LED  
LIGHTS

1/8" Frame

1/4" Face

| Specifications Per Sign Face |               |                   |                         |                         |
|------------------------------|---------------|-------------------|-------------------------|-------------------------|
| Cabinet Height               | Cabinet Width | Cabinet Depth     | Pixels                  | LEDs                    |
| 19.29"                       | 101.6"        | 2.75"             | 1,536                   | 3,072                   |
| Weight                       | Watts         | Amps              | Colors                  | Brightness              |
| 41 lbs.                      | 115           | 1.2               | 256 Shades of R,G,Y     | 4,000 NITS              |
| Voltage                      | Warranty      | Programming Type  | Character Height 1 Line | Character Height 2 Line |
| 110 V                        | 3 Years       | Wireless Keyboard | 16.5"                   | 8.25"                   |

## Our LED Signs Attract Customers and Increase Sales

**Lowest Prices** - We sell thousands of signs to thousands of organizations. We're also a major supplier to hundreds of sign stores and Internet resellers across the USA and Canada. Thanks to our massive sales volume, we're able to offer the lowest prices on top quality LED signs. Sign stores and other Internet sites sell our signs for almost double our prices. You'll save a lot of money when you order a sign directly from us and have your handyman install it. We do not charge sales tax for customers outside of California and we ship for free. So, the low prices that are shown on this website are the total prices.

**Free Shipping in USA** - We are a proud American company. Our corporate offices, showroom, manufacturing and shipping facilities are located in Los Angeles. We ship for free to anywhere in the United States. All our multicolor signs have all of the features listed above. They are all in stock. We pack and ship your order within 1 to 2 business days. We ship large signs in crates for free. It only takes a few minutes to place an order over the phone. Just call 313-405-9735.

**The Industry Leader** - We ship LED signs to every type of business and all kinds of government locations. No other company can match our experience and expertise. Our team of experts take all orders over the phone so we can make sure our customers are very satisfied and get exactly what they need.

**Best Customer Service** - Call us at 313-405-9735 or email us at [info@jtpro.com](mailto:info@jtpro.com). Our experts can answer your questions and help you with anything you need. We have free lifetime telephone technical support. We can even show you how to program your sign with your wireless remote keyboard. We want to help you improve your business. We take care of our customers.



# MULTICOLOR SCROLLING LED SIGN

## Easy to Program

All our multicolor signs come with our exclusive wireless remote-control qwerty keyboard. It is bigger, better and more advanced than other LED sign remote controls. It is very easy to operate. You can write and store hundreds of different rotating messages from up to 200 feet away. You can choose from hundreds of built-in moving animated images. Change the scroll speed faster, slower, still, changing or flashing. They can scroll left, right, up, or down. The sign has all the software built-in and you use the wireless remote-control keyboard to program it. There is no need for a computer or the Internet.

## Multicolor and Customizable

Our LED signs have many stored images and font styles to choose from. All our multicolor signs have 256 shades and gradients of red, green and yellow. They display 1- and 2-line messages. They can display up to 4 lines at a time on 36" high sizes. They can be displayed vertically and horizontally. They have date and time functions. They have a wide assortment of animated backgrounds including the American flag. There are built-in special effects with many variations. They include multiple 3D effects, scroll, reverse, pause, dividing, erasing, neon borders, rotating, flashing, adjustable width, animation, enlarge, reduce, by color, pattern, laser and more.

## Top Quality and Weatherproof

We are constantly improving the quality and performance of our products. All sizes are completely weatherproof for outdoor and indoor advertising. They are very durable, lightweight and only 3 inches thick. The frame is only 1 inch wide, which makes almost the entire sign a lighted display. The extruded aluminum frame keeps the weight low. The polycarbonate grill adds strength and heat resistance. The aluminum sliding back panel resists cracks and rust. The IP 65 rated silicone coating protects it from moisture.

## Super Bright and Clear

Our LED signs attract customers to any type of business. Each sign contains thousands of LED lights. All sizes have extremely bright moving messages, images and effects. They're around 10 times brighter than modern day flat screen televisions. They have 10 levels of adjustable brightness. They can be seen from a much greater distance than conventional signs. They're sharp and clear from up close and very far away.

## Brand New Technology

All our multicolor signs are the newest generation and state-of-the-art. Our signs are better, brighter and have more features than other LED signs. They have low energy consumption which saves up to 90% in energy costs. Advertise 24 hours a day with minimal power usage. They only use as much power as 1 or 2 normal light bulbs. They're completely silent. We use high performance LED modules and the highest-grade Meanwell power supply. They are easily programmed with the included wireless remote-control qwerty keyboard. We can build you a custom sign if you have particular requirements that you do not see on this website. Just call 313-405-9735

## USA and Canada Certifications

All our multicolor signs are Made in the USA with domestic and foreign parts. Our LED signs are built to a much higher standard than other LED signs. They're Met lab Certified, FCC Compliant, UL Compliant and CSA Compliant. They come with a proof of certification label with a corresponding serial number which helps to verify that your sign is safe and meets local requirements. They are completely weatherproof with a sliding back panel that enables you to look inside. They have new advanced features. They are superior to other LED signs available on the Internet.

## Free 3 Year Warranty

Our signs are built to last. If you leave them on 24 hours a day 7 days a week, they'll work great for at least 11 years maintenance free. We have the best warranty in the industry. It covers all parts and factory labor. We have free lifetime telephone technical and programming support. All our multicolor signs are built in Michigan with strict quality control and top-quality craftsmanship. They are inspected and completely tested before delivery to our customers.

## Easy to Install

Our LED signs come ready to go with everything you need. All our multicolor signs are lightweight, weatherproof and already assembled. They come with an instruction manual, brackets and a wireless remote-control keyboard. You can attach the brackets to anywhere on the top or the bottom of the sign. You can hang it yourself or use a handyman. Just plug it in a regular 110-volt electric outlet. They're simple to operate. Order 2 LED signs to display on both sides of a pole or a monument.

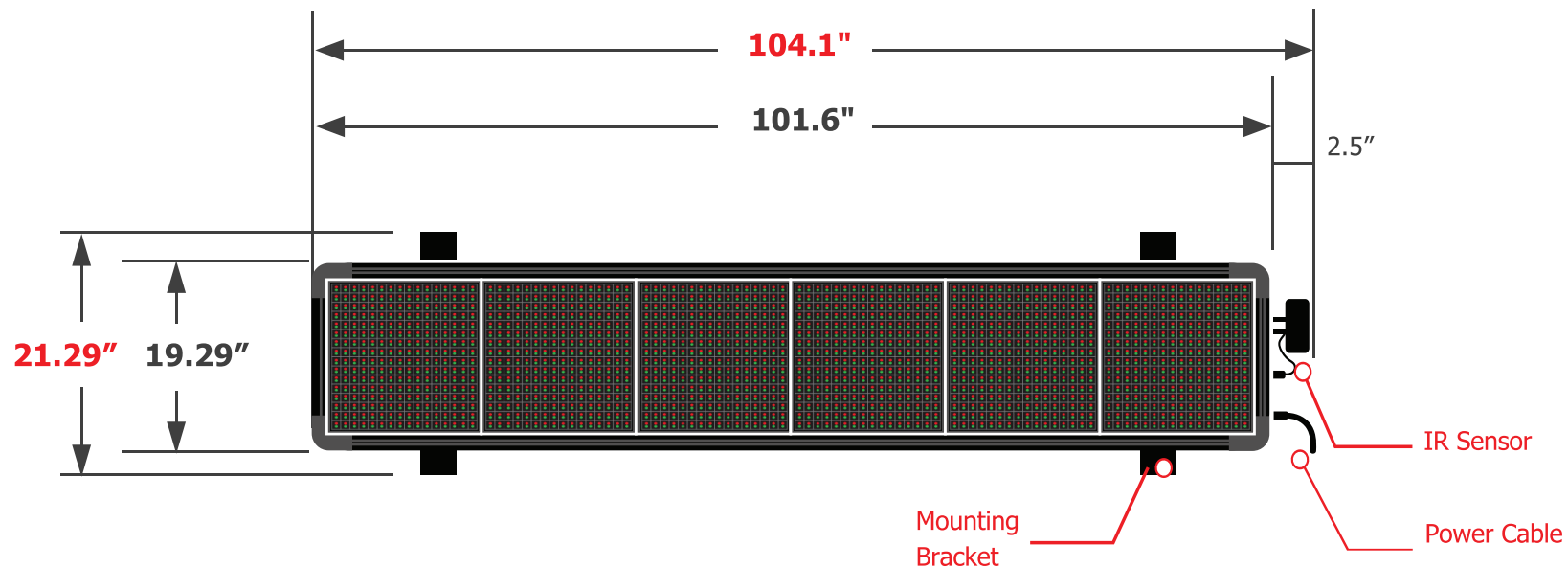
If you have any questions or would like to place an order,

Call us: 313-405-9735 Email: [info@jtpro.com](mailto:info@jtpro.com)

**THANK YOU FOR YOUR BUSINESS!**

# Multi Color Scrolling LED Sign (Red / Green / Yellow)

| Frame Size | Weight  | Pixel Matrix |
|------------|---------|--------------|
| 102" x 20" | 41 lbs. | 16 x 69      |



Front View

## <Bracket Detail>

1 - 3/16" (Height)  
1 - 3/8" (Width)

2.75"



Side View

specifications per sign face chart



# HISTORIC DISTRICT COMMISSION APPLICATION FOR WORK APPROVAL

City of Detroit - Planning & Development Department  
2 Woodward Avenue, Suite 808  
Detroit, Michigan 48226

## APPLICATION ID

HDC2025-00010

## PROPERTY INFORMATION

**ADDRESS(ES):** 3500 McDougall

**HISTORIC DISTRICT:** Prince Hall Grand Lodge

## SCOPE OF WORK: (Check ALL that apply)

- |   |   |  |   |   |                                |
|---|---|--|---|---|--------------------------------|
| <input checked="" type="checkbox"/> Windows/<br>Doors | <input type="checkbox"/> Walls/<br>Siding   | <input type="checkbox"/> Painting        | <input type="checkbox"/> Roof/Gutters/<br>Chimney | <input type="checkbox"/> Porch/Deck/Balcony   | <input type="checkbox"/> Other |
| <input type="checkbox"/> Demolition                   | <input checked="" type="checkbox"/> Signage | <input type="checkbox"/> New<br>Building | <input type="checkbox"/> Addition                 | <input type="checkbox"/> Site Improvements<br>(landscape, trees, fences,<br>patios, etc.) |                                |

## BRIEF PROJECT DESCRIPTION:

Window replacement and installation of signage. Please see attached letter for a detailed project description.

## APPLICANT IDENTIFICATION

**TYPE OF APPLICANT:** Architect/Engineer/Consultant

**NAME:** Katie Cook

**COMPANY NAME:** Kraemer Design Group

**ADDRESS:** 1420 Broadway

**CITY:** Detroit

**STATE:** MI

**ZIP:** 48226

**PHONE:** +1 (313) 965-3399

**EMAIL:** katie.cook@thekraemeredge.com

## I AGREE TO AND AFFIRM THE FOLLOWING:

- ☒ I understand that the failure to upload all required documentation may result in extended review times for my project and/or a denied application.
- ☒ I understand that the review of this application by the Historic District Commission does not waive my responsibility to comply with any other applicable ordinances including obtaining appropriate permits (building, sign, etc.) or other department approvals prior to beginning the work.
- ☒ I hereby certify that the information on this application is true and correct. I certify that the proposed work is authorized by the owner of record and I have been authorized to make this application as the property owner(s) authorized agent.

Signed by:

C1D51596E55E469...

SIGNATURE

01/21/2025

DATE

**NOTE: Based on the scope of work, additional documentation may be required. See [www.detroitmi.gov/hdc](http://www.detroitmi.gov/hdc) for scope-specific requirements.**

## PROJECT DETAILS – TELL US ABOUT YOUR PROJECT

**Instructions: Add project details using the text box in each section. If your details exceed the space provided, attach the details via the attachment icon for that section.**

### ePLANS PERMIT NUMBER:

(only applicable if you've already applied for permits through ePLANS)

N/A

## GENERAL

### 1. DESCRIPTION OF EXISTING CONDITION

*Please tell us about the current appearance and conditions of the areas you want to change. You may use a few sentences or attach a separate prepared document on the right. (For example, "existing roof on my garage is covered in gray asphalt shingles in poor condition.")*

Please see attached letter.



### 2. PHOTOGRAPHS

*Help us understand your project. Please attach photographs of all areas where work is proposed.*



### 3. DESCRIPTION OF PROJECT

*In this box, tell us about what you want to do at the areas described above in box #1. (For example, "Install new asphalt shingle roofing at garage.")*

Please see attached letter uploaded to Description of Existing Condition.

### 4. DETAILED SCOPE OF WORK

*In this box, please describe all steps necessary to complete the work described in box #3. (For example, "remove existing shingles, replace wood deck as necessary, replace wood eaves, install roof vents, replace rotted fascia boards, paint, clean worksite.")*


Please see attached letter uploaded to Description of Existing Condition.

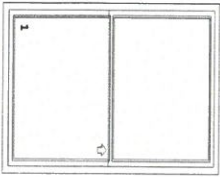
### 5. BROCHURES/CUT SHEETS

*Please provide information on the products or materials you are proposing to install. For example, a brochure on the brand and color of the shingles proposed.*



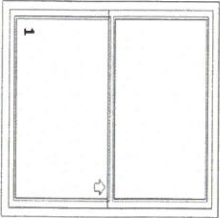
ADDITIONAL DETAILS

|   |  |
|---|--|
| <div><div>6. WINDOWS/DOORS</div><div>Detailed photographs of window(s) and/or door(s) proposed for replacement showing the condition of the interior and exterior of the window(s) and/or door(s)</div></div> | <div></div> |
|   |  |
|   |  |
|   |  |



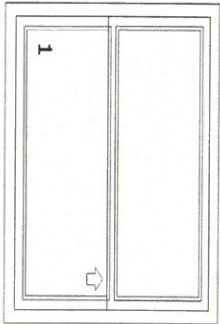
\* T in the drawing denotes Tempered Glass

|                   |                                  |
|-------------------|----------------------------------|
| Qty: 1            | Label: PRESTON                   |
| ntty: 13          | Series: 4 1/8" - Historic (H650) |
| jr: Dark Bronze   | Glass: EnergyBasic (Dual Silver) |
| rail Dim: 42 x 76 | DP Rating: 60                    |
| 42 3/4 x 76 1/2   | Factory Mullied: Yes             |
| Comments:         |                                  |



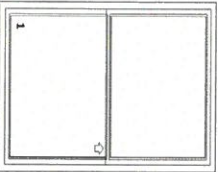
\* T in the drawing denotes Tempered Glass

|                   |                                  |
|-------------------|----------------------------------|
| Qty: 2            | Label: PRESTON                   |
| ntty: 4           | Series: 4 1/8" - Historic (H650) |
| jr: Dark Bronze   | Glass: EnergyBasic (Dual Silver) |
| rail Dim: 42 x 60 | DP Rating: 60                    |
| 42 3/4 x 60 1/2   | Factory Mullied: Yes             |
| Comments:         |                                  |



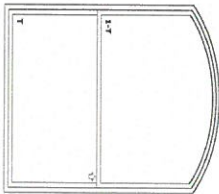
\* T in the drawing denotes Tempered Glass

|                      |                                  |
|----------------------|----------------------------------|
| Line: 3              | Label: PRESTON                   |
| Quantity: 2          | Series: 4 1/8" - Historic (H650) |
| Color: Dark Bronze   | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 42 x 40 | DP Rating: 60                    |
| RO: 42 3/4 x 40 1/2  | Factory Mullied: Yes             |
| Comments:            |                                  |



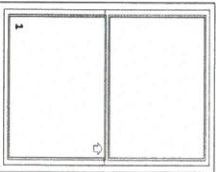
\* T in the drawing denotes Tempered Glass

|                      |                                  |
|----------------------|----------------------------------|
| Line: 4              | Label: McDUGAL                   |
| Quantity: 10         | Series: 4 1/8" - Historic (H650) |
| Color: Dark Bronze   | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 42 x 76 | DP Rating: 60                    |
| RO: 42 3/4 x 76 1/2  | Factory Mullied: Yes             |
| Comments:            |                                  |



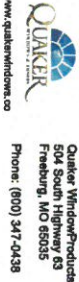
\* T in the drawing denotes Tempered Glass

|                           |                                  |
|---------------------------|----------------------------------|
| Line: 5                   | Label: McDUGAL                   |
| Quantity: 5               | Series: 4 1/8" - Historic (H650) |
| Color: Dark Bronze        | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 67 x 109 1/2 | DP Rating: 0                     |
| RO: 67 3/4 x 110          | Factory Mullied: Yes             |
| Comments:                 |                                  |



\* T in the drawing denotes Tempered Glass

|                      |                                  |
|----------------------|----------------------------------|
| Line: 6              | Label: CORNER ANGLE              |
| Quantity: 3          | Series: 4 1/8" - Historic (H650) |
| Color: Dark Bronze   | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 42 x 76 | DP Rating: 60                    |
| RO: 42 3/4 x 76 1/2  | Factory Mullied: Yes             |
| Comments:            |                                  |

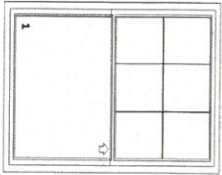


Quaker Window Products  
504 South Highway 63  
Freeburg, MO 65035  
Phone: (800) 347-0438

Order No: SQANDW001028  
Customer: WINDOWPRO  
QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE  
FOR FIELD MEASUREMENT QUANTITIES & INSTALLATION.  
DESIGN CONTRACTOR MUST VERIFY ALL DIMENSIONS.

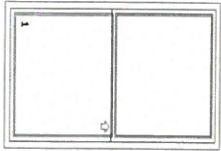
Project Name  
OB#0569792 - 3500 McDUGAL 12-23-24  
Description





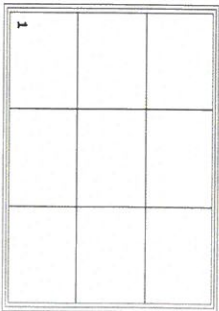
\* 1 in the drawing denotes Tempered Glass

|                                  |                                  |
|----------------------------------|----------------------------------|
| Qty: 7                           | Label: GRAYLOT                   |
| Series: 4 1/8" - Historic (H650) |                                  |
| Color: Dark Bronze               | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 42 x 76             | DP Rating: 60                    |
| 42 3/4 x 76 1/2                  | Factory Mullied: Yes             |
| Comments:                        |                                  |



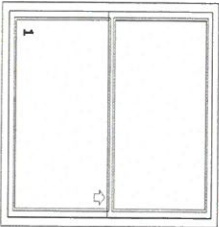
\* 1 in the drawing denotes Tempered Glass

|                      |                                  |
|----------------------|----------------------------------|
| Line: 8              | Label: ALCOVE                    |
| Quantity: 8          | Series: 4 1/8" - Historic (H650) |
| Color: Dark Bronze   | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 39 x 82 | DP Rating: 60                    |
| RO: 39 3/4 x 82 1/2  | Factory Mullied: Yes             |
| Comments:            |                                  |



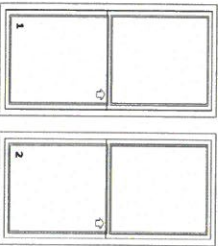
\* 1 in the drawing denotes Tempered Glass

|                      |                                  |
|----------------------|----------------------------------|
| Line: 11             | Label: REAR                      |
| Quantity: 4          | Series: 3 1/4" - Historic (H450) |
| Color: Dark Bronze   | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 60 x 60 | DP Rating: 50                    |
| RO: 60 3/4 x 60 1/2  | Factory Mullied: Yes             |
| Comments:            |                                  |



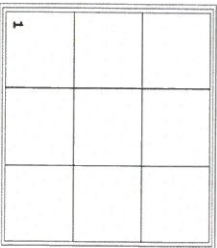
\* 1 in the drawing denotes Tempered Glass

|                                  |                                  |
|----------------------------------|----------------------------------|
| Qty: 8                           | Label: REAR                      |
| Series: 4 1/8" - Historic (H650) |                                  |
| Color: Dark Bronze               | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 45 x 62             | DP Rating: 60                    |
| 45 3/4 x 62 1/2                  | Factory Mullied: Yes             |
| Comments:                        |                                  |



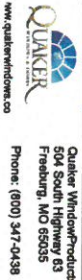
\* 1 in the drawing denotes Tempered Glass

|                           |                                  |
|---------------------------|----------------------------------|
| Line: 10                  | Label: ALCOVE                    |
| Quantity: 1               | Series: 4 1/8" - Historic (H650) |
| Color: Dark Bronze        | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 64 5/16 x 82 | DP Rating: 60                    |
| RO: X                     | Factory Mullied: No              |
| Comments:                 |                                  |



\* 1 in the drawing denotes Tempered Glass

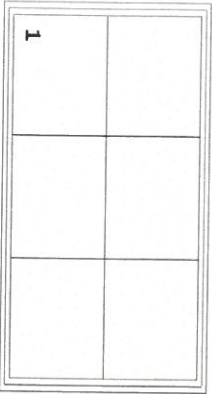
|                      |                                  |
|----------------------|----------------------------------|
| Line: 12             | Label: REAR                      |
| Quantity: 6          | Series: 3 1/4" - Historic (H450) |
| Color: Dark Bronze   | Glass: EnergyBasic (Dual Silver) |
| Overall Dim: 48 x 60 | DP Rating: 50                    |
| RO: 48 3/4 x 60 1/2  | Factory Mullied: Yes             |
| Comments:            |                                  |



Order No: SQMDW001028 - 1  
Customer: WINDOWPRO

QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES & INSTALLATION. DESIGN CONTRACTOR MUST VERIFY ALL DIMENSIONS.

Project Name  
OB#0569792 - 3500 McDUGAL 12-23-24  
Description



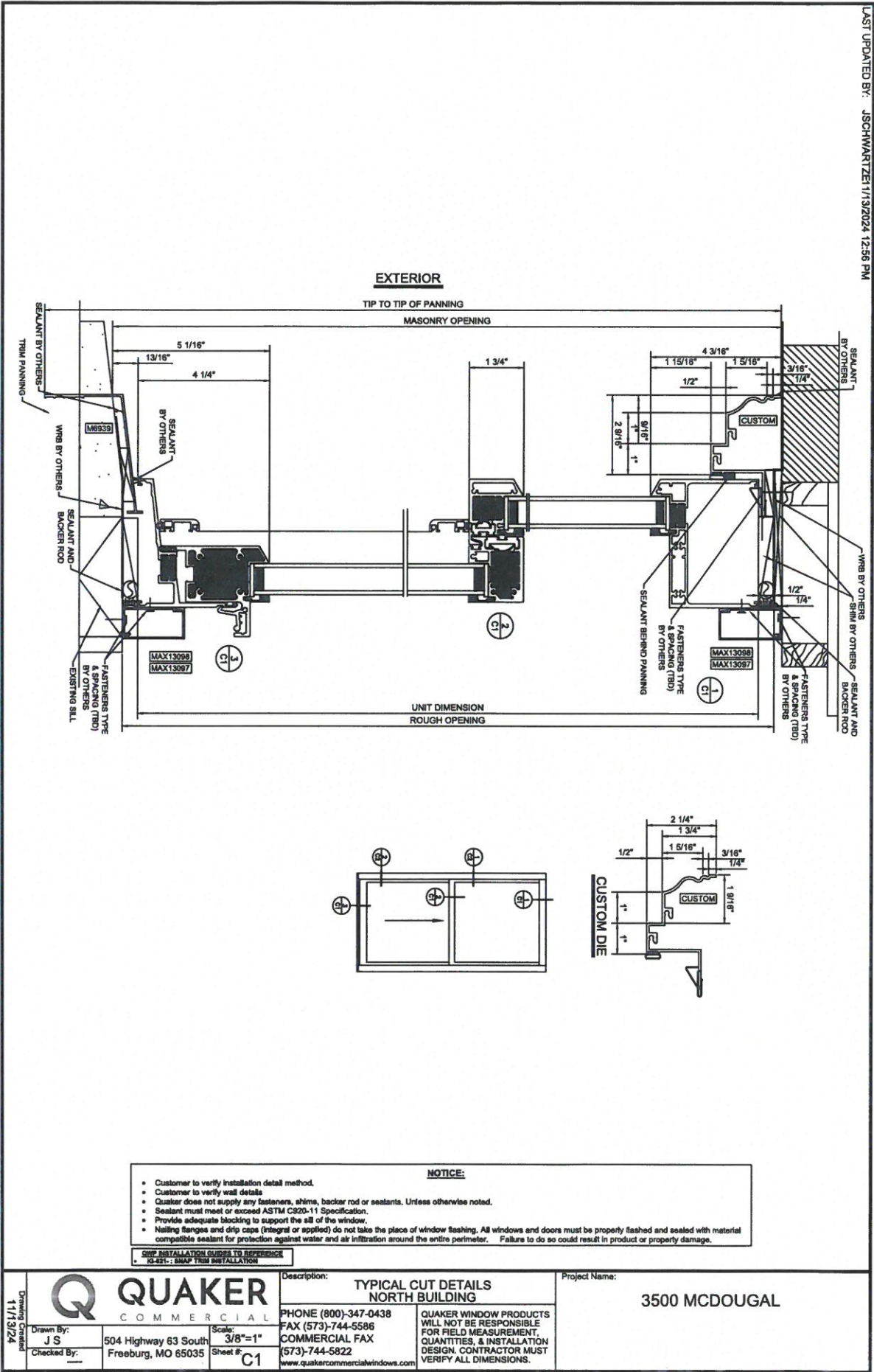
\* 1 in the drawing denotes Tempered Glass

|                   |                                  |
|-------------------|----------------------------------|
| Qty: 13           | Label: REAR                      |
| ntty: 1           | Series: 3 1/4" - Historic (H450) |
| rr: Dark Bronze   | Glass: EnergyBasic (Dual Silver) |
| rail Dim: 48 x 36 | DP Rating: 50                    |
| 48 3/4 x 36 1/2   | Factory Mullied: Yes             |
| ments:            |                                  |

|  |  |   |   |
|--|--|---|---|
| <br>www.quakerwindow.com<br>Quaker Window Products<br>504 South Highway 63<br>Freeburg, MO 65035<br>Phone: (800) 347-0438 | Order No: SQNDWM01028_1<br>Customer: WINDOWPRO | QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES & INSTALLATION. DESIGN, CONTRACTOR MUST VERIFY ALL DIMENSIONS. | Project Name<br>OB#0569792 - 3500 McDUGAL 12-23-24<br>Description |
|--|--|---|---|



LAST UPDATED BY: JSCHWARTZ/11/3/2024 12:56 PM







**Historical** **H450 Series**  
**3 1/4" Frame Depth**  
**Picture Window (Fixed)**

## H450 SERIES PICTURE WINDOW (FIXED)

The Quaker Historical H450 Series Picture Window window is ideal for a variety of applications including - Historical, Landmarks, Institutions and Education.

### FEATURES

- ◇ Commercial Framing System
  - 3 1/4" main frame
  - Historically-correct bevel frame exterior
  - Minimum of 0.080" wall thickness, 0.70 on TDL
  - Available with or without integral nailing fin
- ◇ Thermally Enhanced Design
  - Thermally-broken main frame extrusions
  - Azon pour and debridge thermal break technology
- ◇ Glazing
  - 1" insulating glass

### OPTIONS

- ◇ Available Configurations
  - Fixed
  - Continuous frame capabilities
- ◇ Muntin Choices
  - Internal or simulated divided lites available
- ◇ Glazing
  - Multiple Low-E and argon glazing choices
  - Glazing pocket can accept 1 3/8" insulating glass for sound attenuation purposes
  - Capillary tubes
  - Wide variety of glazing, tinting and thickness options
- ◇ Panning & Trim Choices
  - Wide variety of panning, receptor and trim available
- ◇ Mulling
  - Wide variety of structural mulls

### BENEFITS

- ◇ Historically accurate profiles to help your project meet Historic Preservation codes
- ◇ The capacity to match exterior colors for unique project facades
- ◇ The ability to facilitate large sizes for taller and wider window openings

### PERFORMANCE

- ◇ Structural & Thermal (test reports or thermal simulations available upon request)

| Model   | Picture Window (Fixed) |            |
|---|------------------------|------------|
| Test Size:  | 60" x 99"              | 72" x 120" |
| NAFS Rating   | AW-PG50-F              | AW-PG110-F |
| Structural Load P.S.F.                                      | 75.19                  | 165.4      |
| Air at 50 MPH (cfm/ft <sup>2</sup> )                        | <0.01                  |            |
| Water (No Penetration) P.S.F.                               | 15.04                  |            |
| U-Value (ranges based on multiple Low-E/Argon combinations) | 0.26-0.50*             |            |
| SHGC (ranges based on multiple Low-E/Argon combinations)    | 0.16-0.69*             |            |

Thermal performance testing in progress as of 5-18-2020.  
 \* = Thermal performance numbers are projected.

Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.





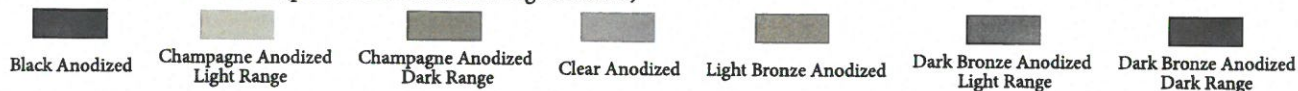
## ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ Baked on powder coat finish meets AAMA 2604 (an FGIA specification) and is available in unlimited colors

- Quaker Impressive Palette of Colors



- 7 Resemble Colors (painted finish resembling anodized)



- Unlimited Custom Colors

◇ AAMA 2605 (an FGIA specification) powder coat finishes (not available for all colors shown)

◇ SolarLE Paint Finish (available with Textured Black and Dark Espresso colors only)

◇ AAMA 611-98 Class I clear and tinted anodized finishes

\* Printed colors shown here may not accurately depict actual painted colors. Color samples are available upon request.

Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.

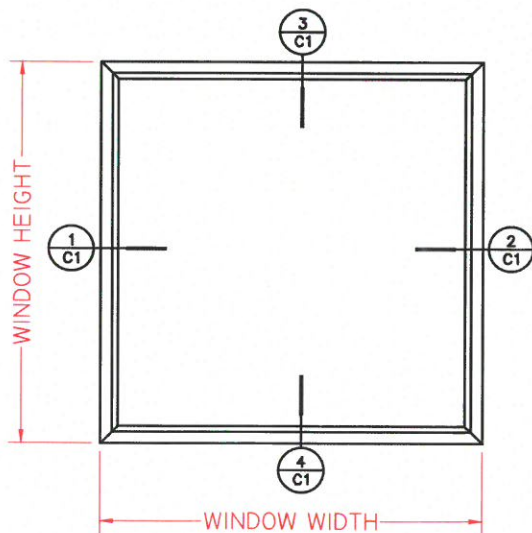
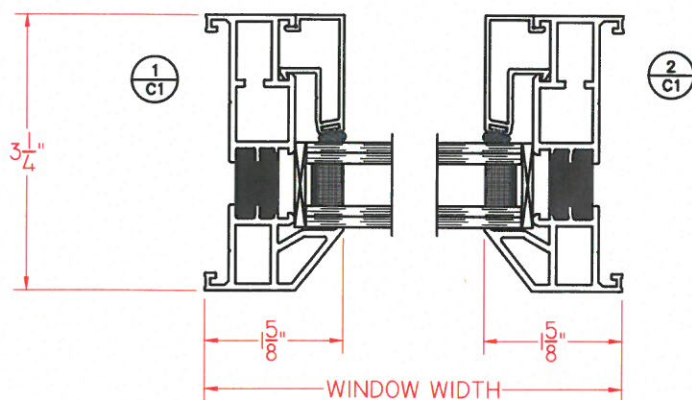




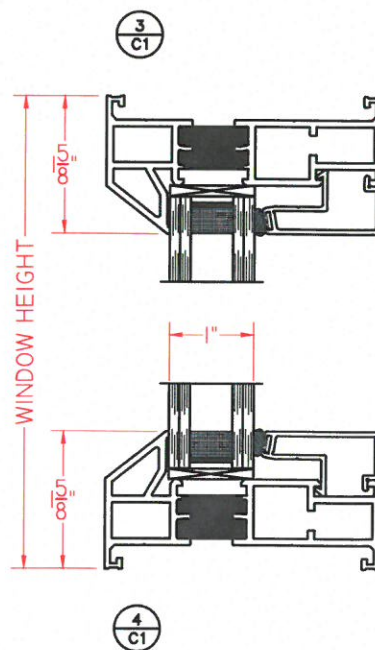
**Historical**  
**H450 Series**  
**3 1/4" Frame Depth**  
**Picture Window (Fixed)**

## H450 PICTURE WINDOW WITHOUT NAILING FIN

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ELEVATION SCALE 3/4" = 1'-0"



SCALE 1:2

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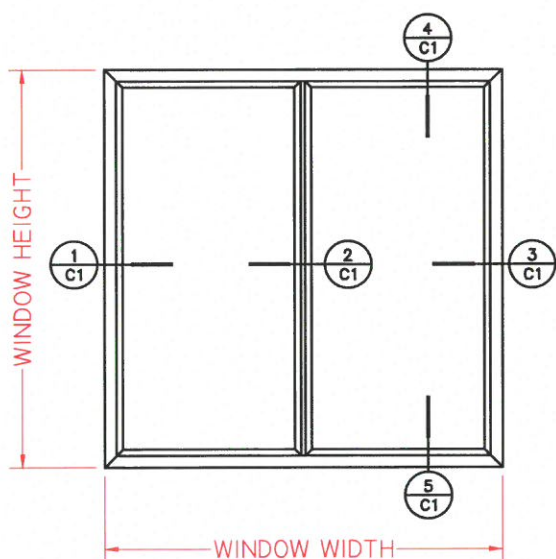
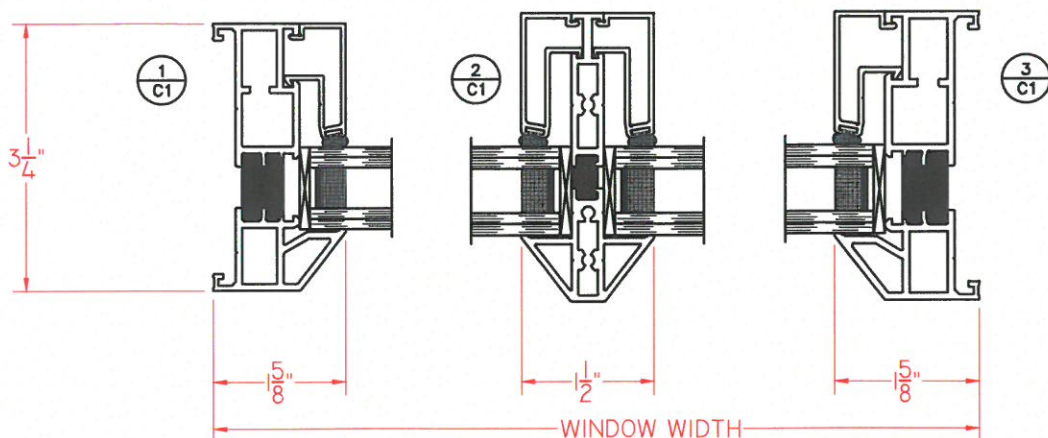




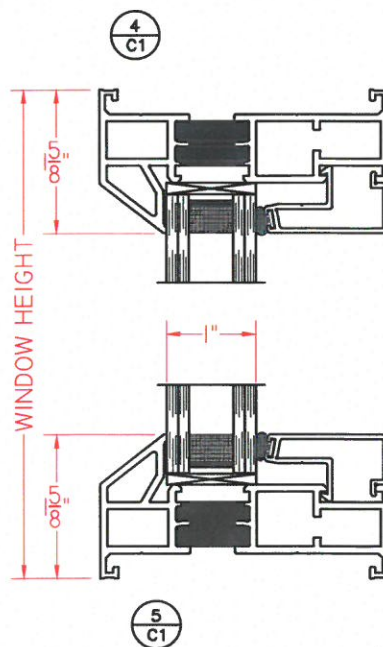
**Historical** **H450 Series**  
**3 1/4" Frame Depth**  
**Picture Window (Fixed)**

## H450 PICTURE WINDOW/PICTURE WINDOW

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ELEVATION SCALE 3/4" = 1'-0"



SCALE 1:2

Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.



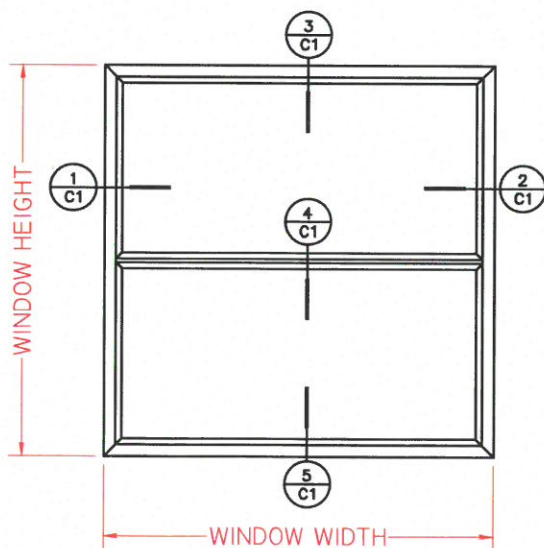
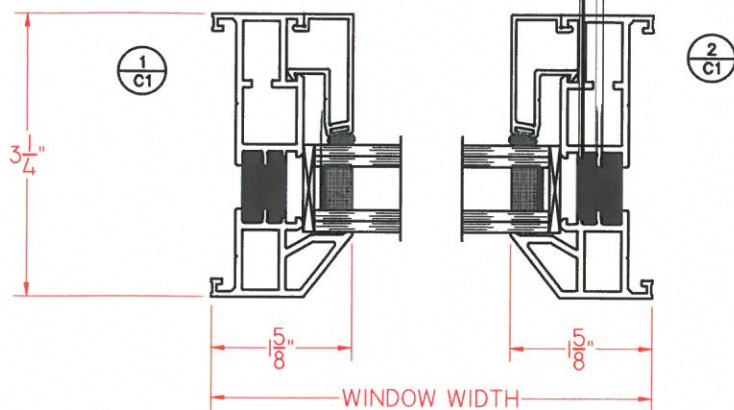




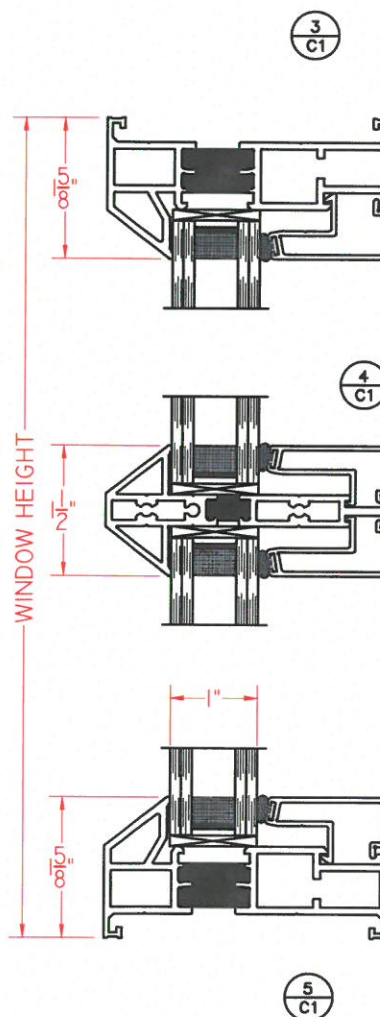
**Historical**  
**H450 Series**  
**3 1/4" Frame Depth**  
**Picture Window (Fixed)**

# H450 PICTURE WINDOW/PICTURE WINDOW

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ELEVATION SCALE 3/4" = 1'-0"



SCALE 1:2

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## H650/H655 Series 4 1/8" Frame Depth Single Hung

### H650/H655 SERIES SINGLE HUNG

The Quaker Historical H650/H655 Series Single Hung window is ideal for a variety of applications including - Historical, Landmarks, Institutions, Education, Apartments and Assisted Living.

#### FEATURES

- ◇ Commercial Framing System
  - 4 1/8" main frame
  - 0.062" wall thickness of interior and exterior walls
  - Nail flange main frame (H650) or no nail flange (H655)
- ◇ Thermally Enhanced Design
  - Azon pour and debridge thermal break in main frame.
  - AzoCore expandable polyurethane barriers in sash rail extrusions
- ◇ Glazing
  - 1" insulated glass
- ◇ Hardware
  - Gravity Latch
  - Heavy duty Class 5 Balancers
- ◇ Screen
  - Extruded aluminum screen frame

#### BENEFITS

- ◇ The capacity to match exterior colors for unique project facades
- ◇ The ability to facilitate large sizes for taller and wider window openings
- ◇ Historically accurate panning and trim styles to help your project meet Historic Preservation codes

#### PERFORMANCE

- ◇ Structural & Thermal (test reports and thermal simulations available upon request)

|   |                 |
|---|-----------------|
| Model   | Single Hung     |
| NAFS Rating   | AW-PG50*        |
| Structural Load P.S.F.                                      | 75.00*          |
| Air at 6.2 PSF Differential                                 | 0.30*           |
| Water (No Penetration) P.S.F.                               | 10.00*          |
| U-Value (ranges based on multiple Low-E/Argon combinations) | as low as 0.30* |
| SHGC (ranges based on multiple Low-E/Argon combinations)    |                 |

Window test size: 60" x 99"

Operating Force: 25.3 lbf (maintain motion), 14 lbf (latches)

\* - Ratings and Test data shown are projected. Testing in progress as of September, 2021

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#### OPTIONS

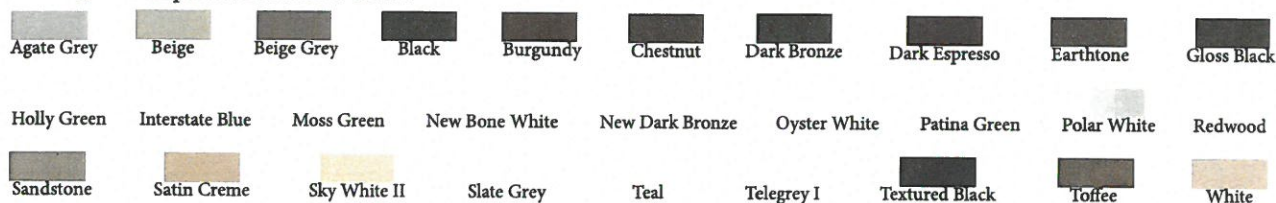
- ◇ Available Configurations
  - Single Hung
  - Oriel Single Hung
  - Simulated Single Hung/Fixed
- ◇ Muntin Choices
  - Internal or simulated divided lites available
- ◇ Limited travel hardware
- ◇ Screen
  - Extruded aluminum half screen frame with aluminum wire mesh
  - Extruded aluminum screen frame with sunscreen mesh
  - Extruded aluminum screen frame with stainless steel 0.009" thickness mesh
  - Security screen
- ◇ Glazing
  - Multiple Low-E and argon glazing choices
  - Capillary tubes
  - Wide variety of glazing, tinting and thickness options
- ◇ Panning & Trim Choices
  - Wide variety of panning, receptor and trim available
- ◇ Mulling
  - Wide variety of structural mulls
- ◇ Specialty
  - Extension jambs
  - Ogee lugs
  - WOCD hardware



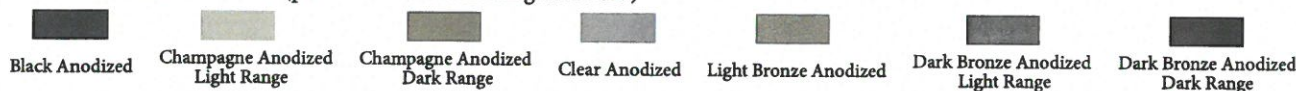
## ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ Baked on powder coat finish meets AAMA 2604 (an FGIA specification) and is available in unlimited colors

- Quaker Impressive Palette of Colors



- 7 Resemble Colors (painted finish resembling anodized)



- Unlimited Custom Colors

◇ AAMA 2605 (an FGIA specification) powder coat finishes (not available for all colors shown)

◇ SolarLE Paint Finish (available with Textured Black and Dark Espresso colors only)

◇ AAMA 611-98 Class I (an FGIA specification) clear and tinted anodized finishes

\* Printed colors shown here may not accurately depict actual painted colors. Color samples are available upon request.

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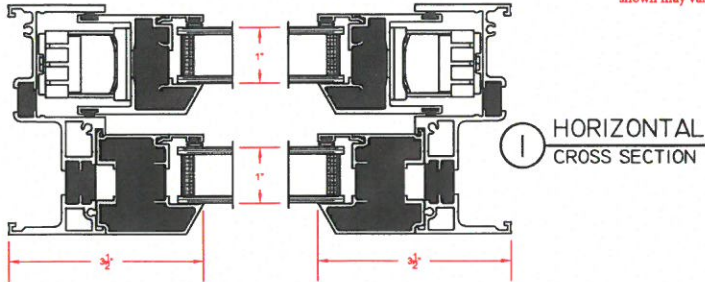




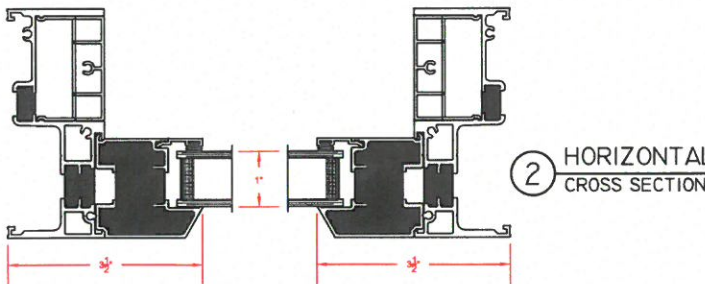
**H650 Series**  
**4 1/8" Frame Depth**  
**Single Hung**

**H650 SERIES SINGLE HUNG**

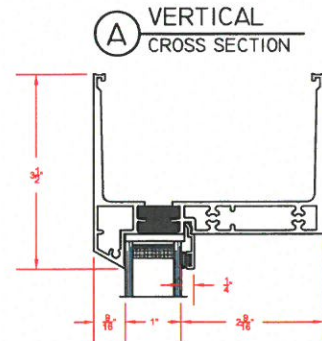
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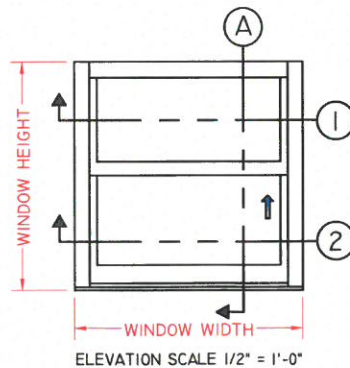
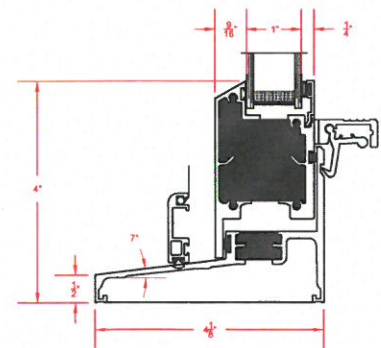
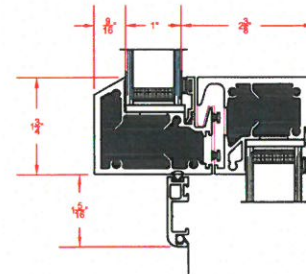
① HORIZONTAL CROSS SECTION



② HORIZONTAL CROSS SECTION



Ⓐ VERTICAL CROSS SECTION



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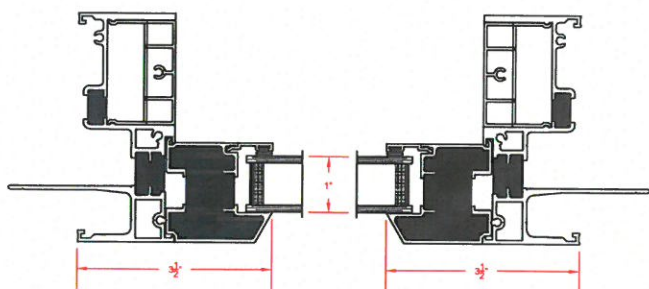
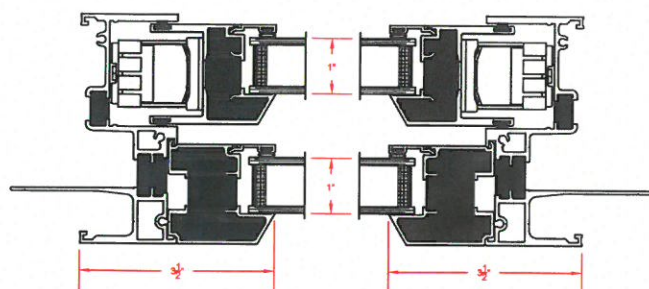


## H655 Series 4 1/8" Frame Depth Single Hung

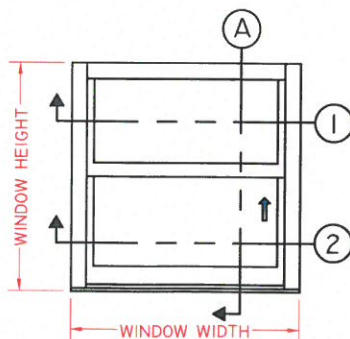
### H655 SERIES SINGLE HUNG

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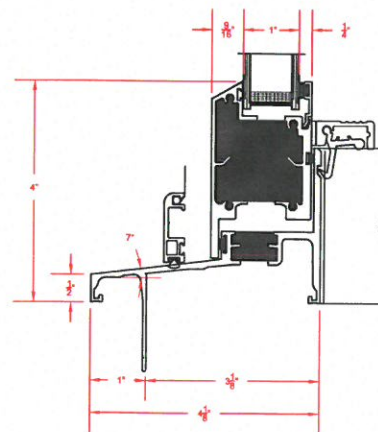
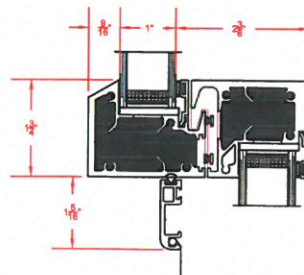
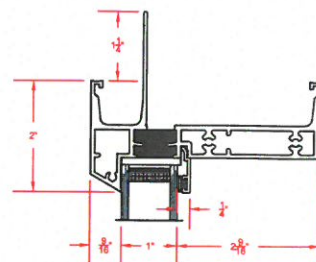
① HORIZONTAL  
CROSS SECTION



② HORIZONTAL  
CROSS SECTION



ELEVATION SCALE 1/2" = 1'-0"



A VERTICAL  
CROSS SECTION

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WINDOWPRO

|             |                                    |              |                         |
|-------------|------------------------------------|--------------|-------------------------|
| Quotation:  | Phone:                             | 248-560-6455 | 47705 WEST ROAD B - 106 |
|             | Fax:                               |              | WIXOM, MI 48393         |
| Quote Name: | OB#0569792 - 3500 McDUGAL 12-23-24 | Quote #:     | SQMDW001029_1           |
| User Name:  | Andre Struempf                     |              |                         |

|             |   |          |           |
|-------------|---|----------|-----------|
| Quoted For: | WINDOWPRO<br>47705 WEST ROAD B - 106<br>WIXOM, MI 48393<br>US | Ship-To: | WINDOWPRO |
|-------------|---|----------|-----------|

|              |                                   |               |            |
|--------------|-----------------------------------|---------------|------------|
| Prepared By: | Tony Reedy<br>treedy9@hotmail.com | Created On:   | 10/30/2024 |
|              |                                   | Available To: | 12/29/2024 |

Quote Information

|              |         |         |
|--------------|---------|---------|
| Total Value: | Status: | Expired |
|--------------|---------|---------|

Header:

Terms:

Pricing:

All terms and conditions of this quote, including units, quantities, and accessories, are verified and accepted by the undersigned for purchase. Any changes made are rejected unless accepted and approved by Quaker.

Signature and PO # is required for order placement

|             |       |      |       |     |       |
|-------------|-------|------|-------|-----|-------|
| Accepted By | _____ | Date | _____ | Po# | _____ |
|-------------|-------|------|-------|-----|-------|

Quote Name: OB#0569792 - 3500 McDOUGAL 12-23-24

Quote #: SQMDW001029\_1

| Line | Label   | Quantity | UOM | Part Number | Unit | Extended |
|------|---------|----------|-----|-------------|------|----------|
| 1    | PRESTON | 13       | EA  | Quaker Unit |      |          |



\*\* Viewed From Exterior \*\*

Series: 4 1/8" - Historic (H650)

Exact Size: 42 X 76

Color:Dark Bronze,Paint Type:2604,

Glass:EnergyBasic (Dual Silver),Argon Filled,

Hardware:Black,Sash:Gravity Latch,SASH Limit Stop:PermanentSASH Limitstop Dim Bot.:4",

Screen:No Screen,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,

Ext. SubSill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,

Perimeter Acc Color:Dark Bronze,

Unit:1-Single Hung - 12 lb Sill Exact Size: 42 X 76,

NFRC - U-Factor:0.33SHGC:0.31VT:0.53AL:≤0.3CR:58

Rating: AW-60

Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Overall Rating: DP-60

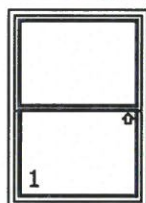
Unit:1 - Not Egress

Clear Opening: 38 3/8 X 24 7/8

Clear Opening Sqft: 6 11/16

Total Weight 146 lbs.

|   |         |   |    |             |  |  |
|---|---------|---|----|-------------|--|--|
| 2 | PRESTON | 4 | EA | Quaker Unit |  |  |
|---|---------|---|----|-------------|--|--|



\*\* Viewed From Exterior \*\*

Series: 4 1/8" - Historic (H650)

Exact Size: 42 X 60

Color:Dark Bronze,Paint Type:2604,

Glass:EnergyBasic (Dual Silver),Argon Filled,

Hardware:Black,Sash:Gravity Latch,SASH Limit Stop:PermanentSASH Limitstop Dim Bot.:4",

Screen:No Screen,

Install AccNo Nailing Fin,

Frame Depth:4 1/8",

Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,

Ext. SubSill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,

Perimeter Acc Color:Dark Bronze,

Unit:1-Single Hung - 12 lb Sill Exact Size: 42 X 60,

NFRC - U-Factor:0.33SHGC:0.31VT:0.53AL:≤0.3CR:58

Rating: AW-60

Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Overall Rating: DP-60

Unit:1 - Not Egress

Clear Opening: 38 3/8 X 16 7/8

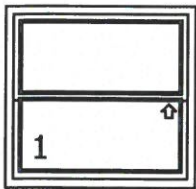
Clear Opening Sqft: 4 1/2

Total Weight 122 lbs.

|   |         |   |    |             |  |  |
|---|---------|---|----|-------------|--|--|
| 3 | PRESTON | 2 | EA | Quaker Unit |  |  |
|---|---------|---|----|-------------|--|--|

Quote Name:OB#0569792 - 3500 McDOUGAL 12-23-24

Quote #:SQMDW001029\_1



\*\* Viewed From Exterior \*\*

Series: 4 1/8" - Historic (H650)

Exact Size: 42 X 40  
Color:Dark Bronze,Paint Type:2604,  
Glass:EnergyBasic (Dual Silver),Argon Filled,  
Hardware:Black,Sash:Gravity Latch,SASH Limit Stop:PermanentSASH Limitstop Dim Bot.:4",  
Screen:No Screen,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",  
Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,  
Ext. SubSill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,  
Perimeter Acc Color:Dark Bronze,

Unit:1-Single Hung - 12 lb Sill Exact Size: 42 X 40,  
NFRC - U-Factor:0.33SHGC:0.31VT:0.53AL:≤0.3CR:58  
Rating: AW-60  
Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass  
Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Overall Rating: DP-60  
Unit:1 - Not Egress  
Clear Opening: 38 3/8 X 6 7/8  
Clear Opening Sqft: 1 7/8  
Total Weight 93 lbs.

|   |          |    |    |             |
|---|----------|----|----|-------------|
| 4 | McDOUGAL | 10 | EA | Quaker Unit |
|---|----------|----|----|-------------|



\*\* Viewed From Exterior \*\*

Series: 4 1/8" - Historic (H650)

Exact Size: 42 X 76  
Color:Dark Bronze,Paint Type:2604,  
Glass:EnergyBasic (Dual Silver),Argon Filled,  
Hardware:Black,Sash:Gravity Latch,SASH Limit Stop:PermanentSASH Limitstop Dim Bot.:4",  
Screen:No Screen,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",  
Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,  
Ext. SubSill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,  
Perimeter Acc Color:Dark Bronze,

Unit:1-Single Hung - 12 lb Sill Exact Size: 42 X 76,  
NFRC - U-Factor:0.33SHGC:0.31VT:0.53AL:≤0.3CR:58  
Rating: AW-60  
Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass  
Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

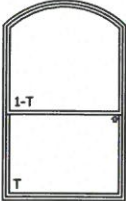
Overall Rating: DP-60  
Unit:1 - Not Egress  
Clear Opening: 38 3/8 X 24 7/8  
Clear Opening Sqft: 6 11/16  
Total Weight 146 lbs.

|   |          |   |    |             |
|---|----------|---|----|-------------|
| 5 | McDOUGAL | 5 | EA | Quaker Unit |
|---|----------|---|----|-------------|



Quote Name:OB#0569792 - 3500 McDUGAL 12-23-24

Quote #:SQMDW001029\_1



\*\* Viewed From Exterior \*\*


Series: 4 1/8" - Historic (H650)

Exact Size: 67 X 109 1/2  
Color:Dark Bronze,Paint Type:2604,  
Glass:EnergyBasic (Dual Silver),Tempered,Argon Filled,  
Hardware:Black,Sash:Gravity Latch,SASH Limit Stop:PermanentSASH Limitstop Dim Bot.:4",  
Screen:No Screen,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",  
Ext. Casing20949 Panning,Factory Apply: No - Precut and Ship Loose, Cut Angle: Straight,  
Ext. Subsill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,  
Perimeter Acc Color:Dark Bronze,

Unit:1-Arch Head Single Hung - 12 lb Exact Size: 67 X 109 1/2,Radius:48 5/16,Short Height:96, \*  
Top Glass:Cardinal LowE 272 - 3/16 / Clear - 3/16,Strength:Tempered Glass  
Bottom Glass:Cardinal LowE 272 - 3/16 / Clear - 5/32,Strength:Tempered Glass

Overall Rating: \*  
Unit:1 - Not Egress  
Clear Opening: 47 X 28  
Clear Opening Sqft: 9 3/16  
Total Weight 346 lbs.

|   |              |   |    |             |
|---|--------------|---|----|-------------|
| 6 | CORNER ANGLE | 3 | EA | Quaker Unit |
|---|--------------|---|----|-------------|



\*\* Viewed From Exterior \*\*

Series: 4 1/8" - Historic (H650)

Exact Size: 42 X 76  
Color:Dark Bronze,Paint Type:2604,  
Glass:EnergyBasic (Dual Silver),Argon Filled,  
Hardware:Black,Sash:Gravity Latch,SASH Limit Stop:PermanentSASH Limitstop Dim Bot.:4",  
Screen:No Screen,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",  
Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,  
Ext. Subsill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,  
Perimeter Acc Color:Dark Bronze,

Unit:1-Single Hung - 12 lb Sill Exact Size: 42 X 76,  
NFRC - U-Factor:0.33SHGC:0.31VT:0.53AL:≤0.3CR:58  
Rating: AW-60  
Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass  
Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Overall Rating: DP-60  
Unit:1 - Not Egress  
Clear Opening: 38 3/8 X 24 7/8  
Clear Opening Sqft: 6 11/16  
Total Weight 146 lbs.

|   |         |    |    |             |
|---|---------|----|----|-------------|
| 7 | GRATIOT | 20 | EA | Quaker Unit |
|---|---------|----|----|-------------|

Quote Name:OB#0569792 - 3500 McDUGAL 12-23-24

Quote #:SQMDW001029\_1



\*\* Viewed From Exterior \*\*

Series: 4 1/8" - Historic (H650)

Exact Size: 42 X 76  
Color:Dark Bronze,Paint Type:2604,  
Glass:EnergyBasic (Dual Silver),Argon Filled,  
Muntin:Custom SDL,  
Exterior:16861 7/8" Pyramid Raised 1/4" Thick ,Between Gl:5/8X3/8" Internal,Interior:10847 1" Flat ,  
Muntin Color:Exterior:Dark Bronze,Between Gl:Black,Interior:Dark Bronze,  
Hardware:Black,Sash:Gravity Latch,SASH Limit Stop:PermanentSASH Limitstop Dim Bot.:4",  
Screen:No Screen,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",  
Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,  
Ext. SubSill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,  
Perimeter Acc Color:Dark Bronze,

Unit:1-Single Hung - 12 lb Sill Exact Size: 42 X 76,  
NFRC - U-Factor:0.33SHGC:0.28VT:0.47AL:≤0.3CR:58  
Rating: AW-60  
Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass  
Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Overall Rating: DP-60  
Unit:1 - Not Egress  
Clear Opening: 38 3/8 X 24 7/8  
Clear Opening Sqft: 6 11/16  
Total Weight 146 lbs.

|   |      |   |    |             |
|---|------|---|----|-------------|
| 8 | REAR | 4 | EA | Quaker Unit |
|---|------|---|----|-------------|



\*\* Viewed From Exterior \*\*

Series: 4 1/8" - Historic (H650)

Exact Size: 45 X 62  
Color:Dark Bronze,Paint Type:2604,  
Glass:EnergyBasic (Dual Silver),Argon Filled,  
Hardware:Black,Sash:Gravity Latch,SASH Limit Stop:PermanentSASH Limitstop Dim Bot.:4",  
Screen:No Screen,  
Install AccNo Nailing Fin,  
Frame Depth:4 1/8",  
Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,  
Ext. SubSill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,  
Perimeter Acc Color:Dark Bronze,

Unit:1-Single Hung - 12 lb Sill Exact Size: 45 X 62,  
NFRC - U-Factor:0.33SHGC:0.31VT:0.53AL:≤0.3CR:58  
Rating: AW-60  
Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass  
Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Overall Rating: DP-60  
Unit:1 - Not Egress  
Clear Opening: 41 3/8 X 17 7/8  
Clear Opening Sqft: 5 3/16  
Total Weight 132 lbs.

|   |        |   |    |             |
|---|--------|---|----|-------------|
| 9 | ALCOVE | 8 | EA | Quaker Unit |
|---|--------|---|----|-------------|




Quote Name:

OB#0569792 - 3500 McDUGAL 12-23-24

Quote #:

SQMDW001029\_1



**Series:** 4 1/8" - Historic (H650)

**Exact Size:** 39 X 82

**Color:**Dark Bronze,**Paint Type:**2604,

**Glass:**EnergyBasic (Dual Silver),Argon Filled,

**Hardware:**Black,**Sash:**Gravity Latch,**SASH Limit Stop:**Permanent**SASH Limitstop Dim Bot.:**4",

**Screen:**No Screen,

**Install Acc:**No Nailing Fin,

**Frame Depth:**4 1/8",

**Ext. Casing:**20949 Panning,**Factory Apply:** Yes, **Cut Angle:** Straight,

**Ext. Sub:**sill6939 3" Sill Panning,**Factory Apply:** No - Precut and Ship Loose, **Add:** 4", **Cut Angle:** Straight,

**Perimeter Acc Color:**Dark Bronze,

**Unit:**1-Single Hung - 12 lb Sill **Exact Size:** 39 X 82,

**NFRC - U-Factor:**0.33**SHGC:**0.31**VT:**0.53**AL:**≤0.3**CR:**58

**Rating:** AW-60

**Top Glass:**Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Bottom Glass:**Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Overall Rating:** DP-60

**Unit:**1 - Not Egress


**Clear Opening:** 35 3/8 X 27 7/8

**Clear Opening Sqft:** 6 7/8

**Total Weight** 146 lbs.

\*\* Viewed From Exterior \*\*

|    |        |   |    |             |
|----|--------|---|----|-------------|
| 10 | ALCOVE | 1 | EA | Quaker Unit |
|----|--------|---|----|-------------|



**Series:** 4 1/8" - Historic (H650)

**Exact Size:** 64 5/16 X 82

**Model :** 2 Wide,**Ship Mulls - Vertical Mull-1:**12794\_536207 - 7" Mull Cover and Cap - Individual, **Mull Rating:** DP-0, **Mull Cut:** Straight

**Color:**Dark Bronze,**Paint Type:**2604,

**Glass:**EnergyBasic (Dual Silver),Argon Filled,

**Hardware:**Black,**Sash:**Gravity Latch,**SASH Limit Stop:**Permanent**SASH Limitstop Dim Bot.:**4",

**Screen:**No Screen,

**Install Acc:**No Nailing Fin,

**Frame Depth:**4 1/8",

**Ext. Casing:**20949 Panning,**Factory Apply:** Yes, **Cut Angle:** Straight,

**Ext. Sub:**sill6939 3" Sill Panning,**Factory Apply:** No - Precut and Ship Loose, **Add:** 4", **Cut Angle:** Straight,

**Perimeter Acc Color:**Dark Bronze,

**Unit:**1-Single Hung - 12 lb Sill **Exact Size:** 30 X 82,

**NFRC - U-Factor:**0.33**SHGC:**0.31**VT:**0.53**AL:**≤0.3**CR:**58

**Rating:** AW-60

**Top Glass:**Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Bottom Glass:**Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Unit:**2-Single Hung - 12 lb Sill **Exact Size:** 30 X 82,

**NFRC - U-Factor:**0.33**SHGC:**0.31**VT:**0.53**AL:**≤0.3**CR:**58

**Rating:** AW-60

**Top Glass:**Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Bottom Glass:**Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass

**Overall Rating:** DP-0.01

**Unit:**1 - Not Egress

**Clear Opening:** 26 3/8 X 27 7/8

**Clear Opening Sqft:** 5 1/8

**Unit:**2 - Not Egress

**Clear Opening:** 26 3/8 X 27 7/8

**Clear Opening Sqft:** 5 1/8

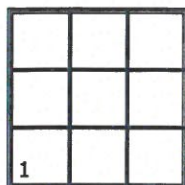
**Total Weight** 250 lbs.

\*\* Viewed From Exterior \*\*

Quote Name: OB#0569792 - 3500 McDUGAL 12-23-24

Quote #: SQMDW001029\_1

|    |      |   |    |             |
|----|------|---|----|-------------|
| 11 | REAR | 4 | EA | Quaker Unit |
|----|------|---|----|-------------|



\*\* Viewed From Exterior \*\*

Series: 3 1/4" - Historic (H450)

Exact Size: 60 X 60

Color:Dark Bronze,Paint Type:2604,

Glass:EnergyBasic (Dual Silver),Argon Filled,

Muntin:Custom SDL,

Exterior:16861 7/8" Pyramid Raised 1/4" Thick ,Between Gl's:5/8X3/8" Internal,Interior:10847 1" Flat ,

Muntin Color:Exterior:Dark Bronze,Between Gl's:Black,Interior:Dark Bronze,

Install AccNo Nailing Fin,

Frame Depth:3 1/4",

Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,

Ext. SubSill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,

Perimeter Acc Color:Dark Bronze,

Unit:1-Direct Set Exact Size: 60 X 60,

NFRC - U-Factor:0.35SHGC:0.33VT:0.56AL:≤0.3CR:61

Rating: DP-50

Fixed Glass:Cardinal LowE 272 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Overall Rating: DP-50

Total Weight 142 lbs.

|    |      |   |    |             |
|----|------|---|----|-------------|
| 12 | REAR | 6 | EA | Quaker Unit |
|----|------|---|----|-------------|



\*\* Viewed From Exterior \*\*

Series: 3 1/4" - Historic (H450)

Exact Size: 48 X 60

Color:Dark Bronze,Paint Type:2604,

Glass:EnergyBasic (Dual Silver),Argon Filled,

Muntin:Custom SDL,

Exterior:16861 7/8" Pyramid Raised 1/4" Thick ,Between Gl's:5/8X3/8" Internal,Interior:10847 1" Flat ,

Muntin Color:Exterior:Dark Bronze,Between Gl's:Black,Interior:Dark Bronze,

Install AccNo Nailing Fin,

Frame Depth:3 1/4",

Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,

Ext. SubSill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,

Perimeter Acc Color:Dark Bronze,

Unit:1-Direct Set Exact Size: 48 X 60,

NFRC - U-Factor:0.35SHGC:0.33VT:0.56AL:≤0.3CR:61

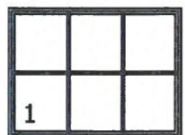
Rating: DP-50

Fixed Glass:Cardinal LowE 272 - 5/32 / Clear - 5/32,Strength:Annealed Glass

Overall Rating: DP-50

Total Weight 117 lbs.

|    |      |   |    |             |
|----|------|---|----|-------------|
| 13 | REAR | 1 | EA | Quaker Unit |
|----|------|---|----|-------------|



\*\* Viewed From Exterior \*\*

Series: 3 1/4" - Historic (H450)

Exact Size: 48 X 36

Color:Dark Bronze,Paint Type:2604,

Glass:EnergyBasic (Dual Silver),Argon Filled,

Muntin:Custom SDL,

Exterior:16861 7/8" Pyramid Raised 1/4" Thick ,Between Gl's:5/8X3/8" Internal,Interior:10847 1" Flat ,

Muntin Color:Exterior:Dark Bronze,Between Gl's:Black,Interior:Dark Bronze,

Quote Name:OB#0569792 - 3500 McDOUGAL 12-23-24

Quote #:SQMDW001029\_1

Install AccNo Nailing Fin,  
Frame Depth:3 1/4",  
Ext. Casing20949 Panning,Factory Apply: Yes, Cut Angle: Straight,  
Ext. Subsill6939 3" Sill Panning,Factory Apply: No - Precut and Ship Loose, Add: 4", Cut Angle: Straight,  
Perimeter Acc Color:Dark Bronze,

Unit:1-Direct Set Exact Size: 48 X 36,  
NFRC - U-Factor:0.31SHGC:0.33VT:0.57AL:≤0.3CR:62  
Rating: DP-50  
Fixed Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Overall Rating: DP-50  
Total Weight 69 lbs.

| Additional Charges |      |                                |                |
|--------------------|------|--------------------------------|----------------|
|                    | Qty  | Description                    | AmountExtended |
|                    | 1.00 | SHOP DRAWINGS                  |                |
|                    | 1.00 | JOBSITE DELIVERY IF ACCESSIBLE |                |
|                    | 1.00 | Custom Panning Die If Needed   |                |

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**Quote Name:** OB#0569792 - 3500 McDOUGAL 12-23-24

**Quote #:** SQMDW001029\_1



Quote Name: OB#0569792 - 3500 McDUGAL 12-23-24

Quote #: SQMDW001029\_1

## Terms:

- **CUSTOMER REVIEW:** This quote is based on the products as listed. Customer must review quote and verify, including but not limited to: quantities, sizes, types, finishes, glazing, and adherence to specifications and job requirements and any relevant local or national codes.
- **PRICE ADJUSTMENTS:** Quaker reserves the right to adjust its pricing in any of the following circumstances:
  - if this quote expires prior to Customer approval;
  - if changes are made to quantities, products, or other terms and conditions of this quote;
  - if the Customer requests delivery dates extending beyond agreed timeframes or beyond 6 months from the date of this quote;
  - if the order is not fully defined for entry, with approved shop drawings, within 60 days after Customer submits its purchase order or otherwise approves this quote; or
  - in the event of any extraordinary increase in cost associated with manufacturing, supplying, or distributing the quoted products, upon notice to the Customer at any time prior to Quaker's entry of Customer's order.
- **ORDERING PROCESS:** This quote is an offer by Quaker Window Products Co. ("Quaker"), a Missouri corporation, to sell to the Customer the products described herein at the prices indicated, subject to the terms and conditions stated in this document, including the referenced Quaker warranty and the limitations of liability described therein. Unless otherwise agreed, this offer shall expire after the quote availability date listed on the quote. In order to accept such offer, and before Quaker begins to fabricate such products, Customer must:
  - Review and approve this quote;
  - Provide any additional details or information Quaker requires regarding the job or the Customer;
  - If applicable, complete and submit a credit application subject to approval by Quaker's credit department; and
  - If applicable, submit approved Shop Drawings which are incorporated into the order. Final Price is based on approved shop drawings, if applicable.
- Quaker's entry of a sales order will serve to acknowledge completion of these steps. Any purchase order or other document that Customer may use to indicate acceptance of this quote, shall be considered for Customer's internal purposes only, and notwithstanding any language to the contrary in any such document, any resulting order shall remain subject to the governing terms and conditions stated in this quote. Quaker expressly objects to, and does not accept, any conflicting, modified, or additional terms or conditions proposed by Customer unless such proposed terms and conditions are specifically approved in writing by Quaker's credit department, legal counsel, or an appropriate officer of the company.
- **TAXES:** Unless otherwise indicated, sales or use taxes are not included in this quote. If taxes are not included, it shall be Customer's responsibility to ensure payment of any applicable state, municipal, or local sales or use or other taxes, and Customer shall indemnify Quaker against any claimed failure to pay such taxes when due.
- **PAYMENT TERMS:** Payment terms are subject to approval by Quaker's credit department, based in part on Customer's credit application and its terms and conditions, including interest of 18% per annum plus all costs of collection, such as attorney fees and court costs. It is understood and agreed that the goods quoted are specially manufactured or fabricated to order, and will be paid for by Customer in accordance with these terms and conditions.
- **LEAD TIME ESTIMATES:** Any lead times provided are estimates only. An estimated delivery date will be established by Quaker and communicated to Customer once the sales order is entered. Quaker shall not be responsible for any delay damages or any other associated costs resulting from the delivery of goods after the estimated delivery date.
- **CHANGE ORDERS:** If the Customer requests any change to an order more than 24 hours after submitting approved shop drawings or otherwise placing an order, then the Customer will be responsible for all costs incurred by Quaker in processing such change, and Quaker may require submittal of a written change order documenting the requested changes.
- **WARRANTY:** The sale of the quoted products is subject to the [Quaker's Standard Limited Commercial Warranty dated 6/1/2024](#), which contains the relevant manufacturer's warranty and various limitations of liability, and is hereby incorporated by reference. This warranty may be enclosed with this quote and is available at [www.quakerwindows.com/warranty-information/](http://www.quakerwindows.com/warranty-information/). Customer will provide this warranty to the end user as appropriate. This warranty is not applicable to orders involving parts or service for purposes of repair or replacement.
- **UNDELIVERABLE PRODUCT STORAGE FEE:** If Customer is not willing or able to accept delivery of an order that is ready for shipment, then for any delivery delayed by more than 14 calendar days from the estimated delivery date, an undeliverable product storage fee of \$1,000 per trailer per week will be added to the order, which may be invoiced at that time. For deliveries delayed beyond 4 weeks, such fee shall increase to \$1,500 per week.
- **DELIVERY – UNLOADING - DETAINAGE FEE:** Customer acknowledges that QUAKER products may be large or heavy, may require lifting assistance, and may shift during transport, presenting various risks of damage or bodily injury resulting from tipping or falling during delivery, unloading, or handling. Upon delivery, the Driver is responsible for removing straps and otherwise preparing products to be unloaded, unless Customer performs such tasks. Upon request, Customer must assist Driver inside the trailer when necessary to handle large items or otherwise ensure safety and avoid product damage. Customer will provide Driver sufficient opportunity to scan each item in an orderly fashion during the unloading process, in order to properly document which items were delivered and whether any products were damaged during transit. Any damaged product must be photographed and documented using Driver's electronic scanner or the paper delivery ticket. Customer is responsible for inspecting products during delivery, unloading products from the trailer in a safe and efficient manner, and properly training relevant staff to safely unload and handle such products. Customer assumes all risk and shall be responsible for any damage or loss or injury resulting from the unloading process or subsequent handling. If offloading time exceeds 4 hours for a full trailer at a jobsite, or 2 hours for other deliveries, then Customer will be responsible for payment of detention fees in the amount of \$150 per hour. Quaker is not responsible for any product loss, damage, or injury occurring after delivery.
- **PRODUCT HANDLING & STORAGE:** Customer is solely responsible for proper handling and storage of the product after delivery. In order to retain warranty coverage, products must be stored in an upright and secured position not exposed to outside weather, both during and after delivery. Specifically, QUAKER window and door units must be kept in an upright / vertical position, and may be damaged by laying in a flat or horizontal position.



Quote Name: OB#0569792 - 3500 McDOUGAL 12-23-24

Quote #: SQMDW001029\_1

For pre-fabricated wall panels, such panels must be erected and installed before QUAKER window and door units are installed and incorporated into the building envelope.

- **PRODUCT RATING INFORMATION:** Individual units greater than gateway size may have a reduced rating per Quaker's calculations based on AAMA 2502-07 Comparative Analysis Procedure for Window and Door Products. Overall Design Pressure of mulls/assemblies may be less than the computed values of individual units per Quaker's calculations based on AAMA 450-10 Voluntary Performance Rating Method for Mulls Fenestration Assemblies. Thermal ratings are based on NFRC test size.
- If relevant, additional charges may apply for any mockups, shop drawings, P.E. Stamps, Engineering and/or anchorage calculations, or job specific testing.
- If relevant, product testing charges may be \$2,500 to \$5,000 per test/calculation (cost varies per architect's job specific requirements) and shall be the responsibility of the Customer.
- Any vertical or horizontal mulling system is designed for lateral wind loading only and does not provide structural down loading. Headers must be sized to allow for a maximum deflection of 1/8 of an inch. Please consult an architect or engineer for design requirements and building code compliance, particularly when combining multiple units together.
- **FIELD TESTING:** In order to be warranted for performance by Quaker, any field testing of QUAKER products must be conducted as specified in the above-described warranty.
- **FORCE MAJEURE:** Quaker will not be liable for any nonperformance, delay in performance, or damage that results from any cause beyond Quaker's reasonable control, including, without limitation, any: Act of God; pandemic or other public health emergency; act of the Customer; restraint of government, such as embargo or other trade restrictions or governmental regulations or demands (whether or not later proven to be invalid); fire; flood; vehicle accident; strike or other labor disturbance; machinery or equipment breakdown; plant shutdown or slowdown; war; riot; terrorist act; delay in transportation; delays of suppliers or carriers; or inability to obtain necessary labor, materials or manufacturing facilities at customary prices ("Force Majeure Events").
- **CREDIT CARD SURCHARGE:** Payments made by credit card will be assessed a surcharge of at least 3%.
- **COASTAL AREAS:** In coastal environments, there is greater than normal risk of corrosion or deterioration, which shall not be Quaker's responsibility, except for manufacturing defects causing abnormal corrosion or deterioration beyond what is expected for a coastal environment based on the products selected and proper maintenance. Customer is responsible for appropriate product selection based on the project location.
- **ALTITUDE LIMITATIONS:** Products to be installed over 3,000 feet above sea level are subject to maximum altitude limitations based on the dimensions of the glass, its thickness, and whether it is annealed or tempered. Customer is responsible for confirming that such limitations are not exceeded based on local elevation. Contact Quaker for additional details.
- **SPECIAL COLORS:** Certain colors or finishes (such as dark or special colors, micas, metallics, and high chroma shades of red, orange and yellow) have shortened warranty periods or require a clear top coat to achieve the necessary performance requirements to qualify for full warranty coverage. Please consult your Quaker representative to confirm based on your selection.

## FRONT



## SPECS

- 1/2" Alupanel
- Printed Face
- Installing with 1 1/2" Tapcon Screws
- Exterior / Illuminated

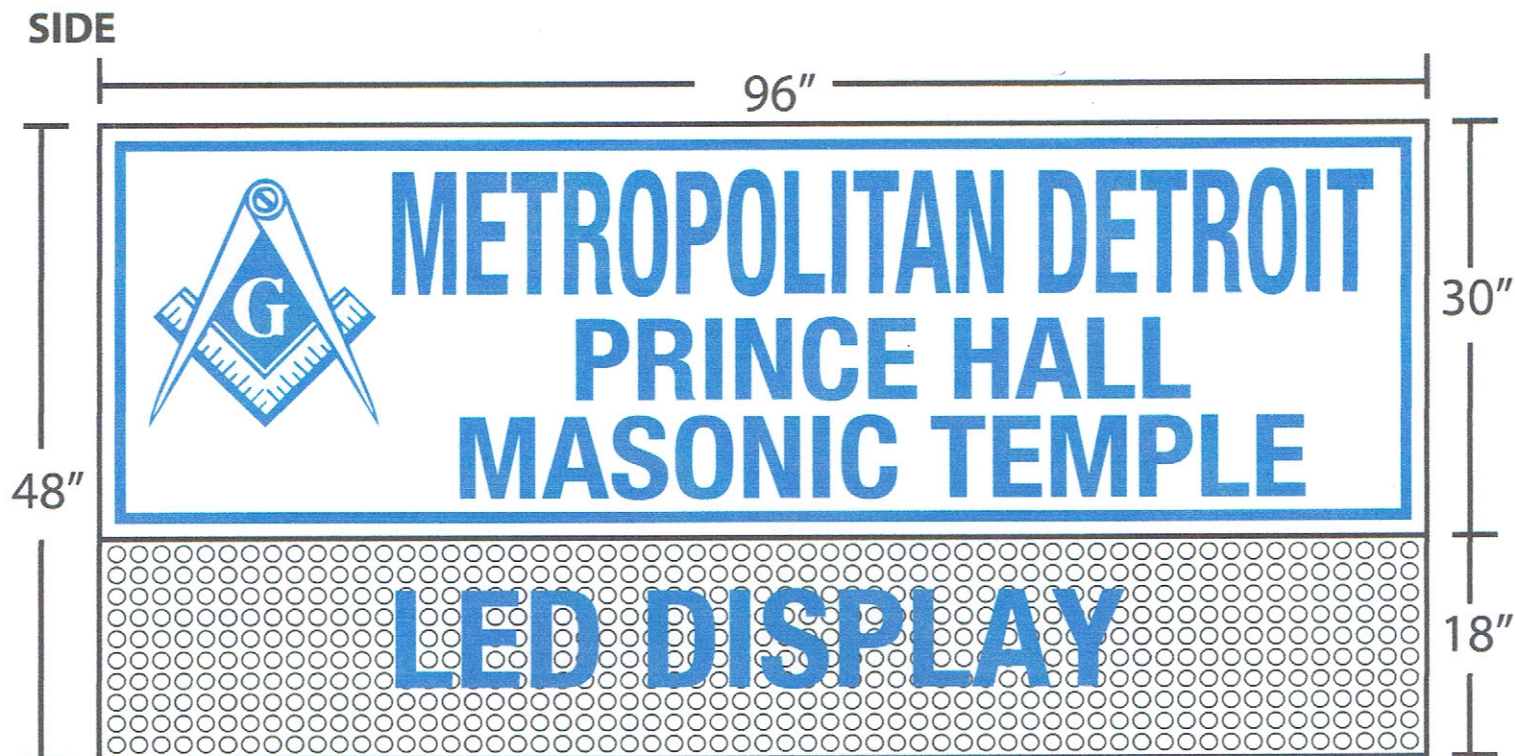




FRONT







**SPECS**

- Industrial Strength Aluminum Frame
- Acrylic Sign Face
- Interior LED Lighting
- Installed with 2 1/2" Tapcon Screws
- Approximately 6" Thick / Deep





**METROPOLITAN DETROIT**  
**PRINCE HALL**  
**MASONIC TEMPLE**  
3500  
**LED DISPLAY**



Historic District Commission Window Survey



East elevation, facing Preston Street

South elevation, facing McDougall

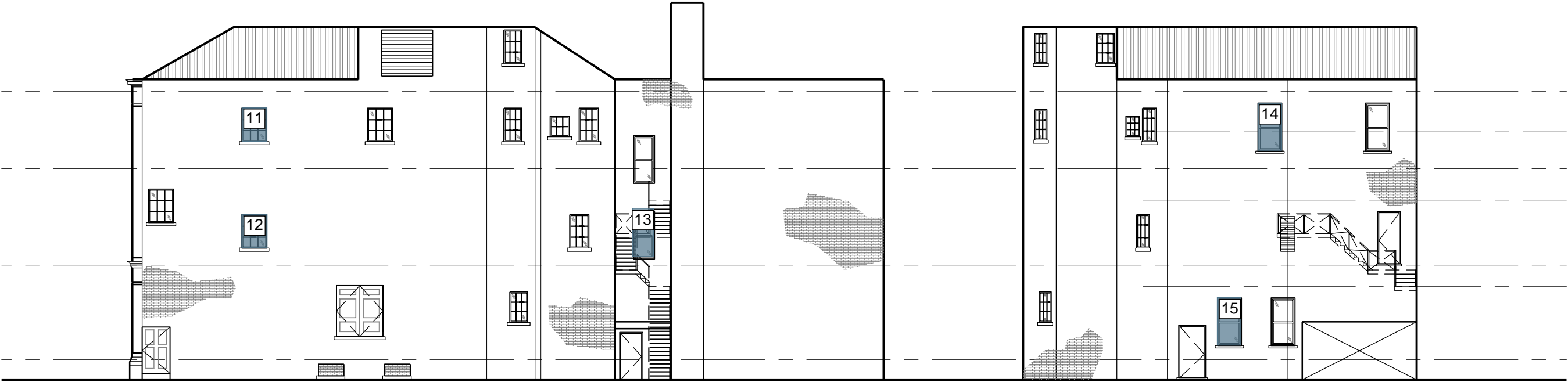


West elevation, facing Gratiot Avenue

East elevation of alcove

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan

Historic District Commission Window Survey



North elevation, facing rear

West elevation of alcove and part of north elevation

## Historic District Commission Window Survey



Window 1. 3<sup>rd</sup> Floor, east elevation. Vinyl replacement unit. 12/11/2024.



Window 1. 3<sup>rd</sup> Floor, east elevation. Vinyl replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 2. 2<sup>nd</sup> Floor, east elevation. Aluminum replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan

## Historic District Commission Window Survey



Window 2. 2<sup>nd</sup> Floor, east elevation. Aluminum replacement unit. 12/11/2024.



Window 2. 2<sup>nd</sup> Floor, east elevation. Aluminum replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 3. 1<sup>st</sup> floor, east elevation. Aluminum replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan

## Historic District Commission Window Survey



Window 3. 1<sup>st</sup> floor, east elevation. Aluminum replacement unit. 12/11/2024.



Window 3. 1<sup>st</sup> floor, east elevation. Aluminum replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 4. 3<sup>rd</sup> Floor, south elevation. Vinyl replacement unit. 12/11/2024.



Window 4. 3<sup>rd</sup> Floor, south elevation. Vinyl replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 5. 2<sup>nd</sup> Floor, south elevation. Aluminum replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan

## Historic District Commission Window Survey



Window 5. 2<sup>nd</sup> Floor, south elevation. Aluminum replacement unit. 12/11/2024.



Window 5. 2<sup>nd</sup> Floor, south elevation. Aluminum replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 6. 1<sup>st</sup> Floor, south elevation. Vinyl replacement unit. 12/11/2024.



Window 6. 1<sup>st</sup> Floor, south elevation. Vinyl replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 6. 1<sup>st</sup> Floor, south elevation. Vinyl replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



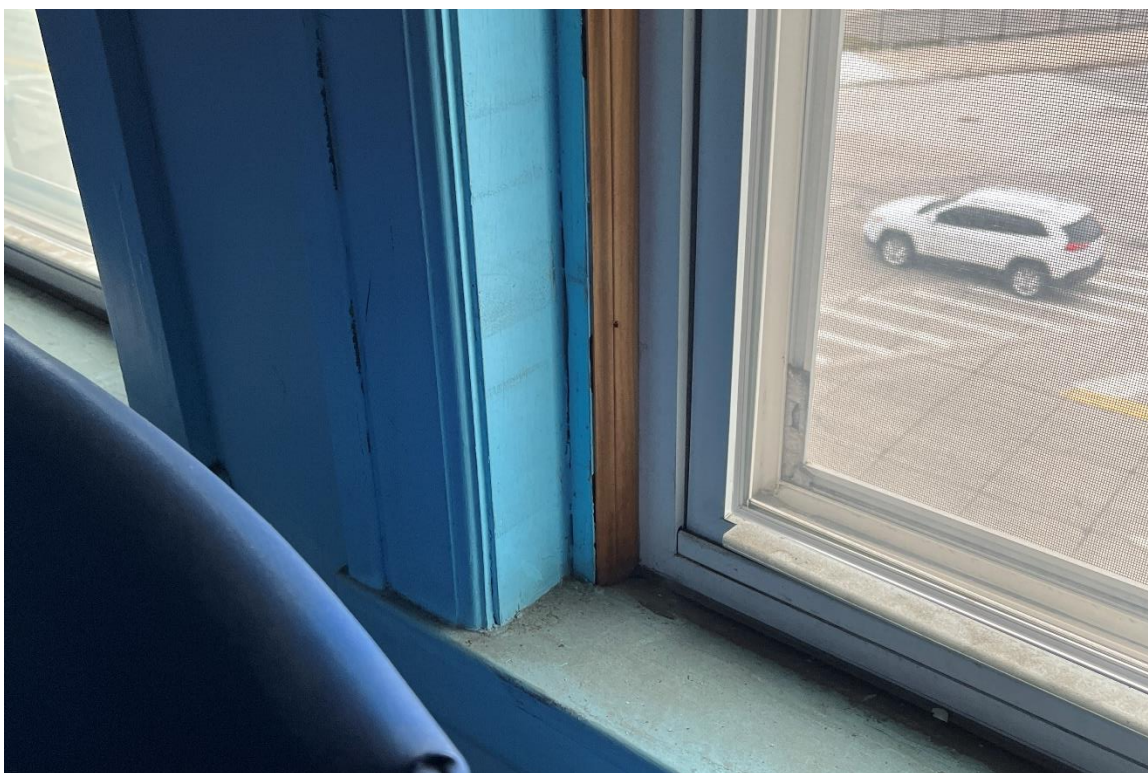
Window 7. 3<sup>rd</sup> Floor, west elevation. Vinyl replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan

## Historic District Commission Window Survey



Window 7. 3<sup>rd</sup> Floor, west elevation. Vinyl replacement unit. 12/11/2024.



Window 7. 3<sup>rd</sup> Floor, west elevation. Vinyl replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 7. 3<sup>rd</sup> Floor, west elevation. Vinyl replacement unit. 12/11/2024.



Window 8. 3<sup>rd</sup> Floor, alcove, east elevation. Vinyl replacement units. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 8. 3<sup>rd</sup> Floor, alcove, east elevation. Vinyl replacement units. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 9. 2<sup>nd</sup> Floor, alcove, east elevation. Wood unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 9. 2<sup>nd</sup> Floor, alcove, east elevation. Wood unit. 12/11/2024.



Window 10. 1<sup>st</sup> Floor, alcove, east elevation. Cold-rolled steel unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 10. 1<sup>st</sup> Floor, alcove, east elevation. Cold-rolled steel unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 10. 1<sup>st</sup> Floor, alcove, east elevation. Cold-rolled steel unit. 12/11/2024.



Window 11. 3<sup>rd</sup> Floor, rear (north) elevation. Hot rolled steel unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 11. 3<sup>rd</sup> Floor, rear (north) elevation. Hot rolled steel unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 11. 3<sup>rd</sup> Floor, rear (north) elevation. Hot rolled steel unit. 12/11/2024.



Window 11. 3<sup>rd</sup> Floor, rear (north) elevation. Hot rolled steel unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 12. 2<sup>nd</sup> Floor, rear (north) elevation. Hot rolled steel unit. 12/11/2024.



Window 12. 2<sup>nd</sup> Floor, rear (north) elevation. Hot rolled steel unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 13. 2<sup>nd</sup> Floor, alcove, north elevation. Cold rolled steel unit. 12/11/2024.

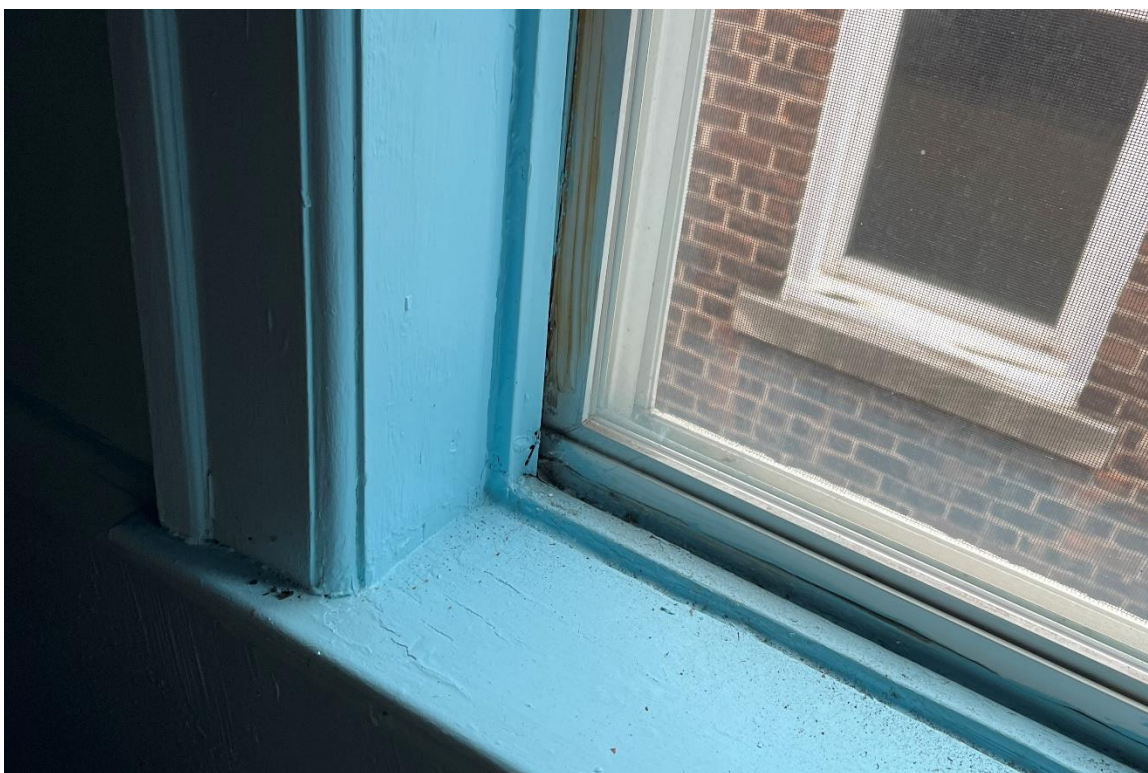
**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 13. 2<sup>nd</sup> Floor, alcove, north elevation. Cold rolled steel unit. 12/11/2024.



Window 14. 3<sup>rd</sup> Floor, alcove, west elevation. Vinyl replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 14. 3<sup>rd</sup> Floor, alcove, west elevation. Vinyl replacement unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan

## Historic District Commission Window Survey



Window 15. 1<sup>st</sup> Floor, alcove, west elevation. Cold rolled steel unit. 12/11/2024.



Window 15. 1<sup>st</sup> Floor, alcove, west elevation. Cold rolled steel unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Window Survey



Window 15. 1<sup>st</sup> Floor, alcove, west elevation. Cold rolled steel unit. 12/11/2024.

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan

January 21, 2025

Detroit Historic District Commission  
Coleman A. Young Municipal Center  
2 Woodward Ave #808  
Detroit MI 48226

**RE: 3500 McDougall, Most Worshipful Prince Hall Grand Lodge of Michigan**

Dear Historic District Commission:

Kraemer Design Group (KDG) is writing to submit information to the Detroit Historic District Commission (HDC), on behalf of The Most Worshipful Prince Hall Grand Lodge regarding window replacement and sign installation at 3500 McDougall. Building owner, The Most Worshipful Prince Hall Grand Lodge proposes to replace the existing windows (except for those at the basement level) which include a variety of different window types throughout the building. Vinyl and aluminum replacement units compose the majority of window units, but steel factory-style windows, steel 2-over-2 windows, and others, are present. All of the windows are in poor, irreparable condition. The proposed work detailed in this application includes the replacement of all windows except those located at the basement level. The scope of work is described below in additional detail.

**Historic Occupants and Designations**

The Most Worshipful Prince Hall Grand Lodge of Michigan building is the sole built resource in the eponymously named Prince Hall Grand Lodge Historic District, which is both a local historic and is individually listed on the National Register of Historic Places. The period of significance for the building is 1924-1994. Construction of the building, originally known as the Amaranth Temple, was commissioned in 1920 by the Wayne Assembly Order of the Amaranth. It was completed in 1924 and followed the Neoclassical design by Detroit architect Bernard C. Wetzel. The temple was constructed to hold different lodge events and was thus equipped with a bowling alley, assembly hall with a full stage, a kitchen, offices, and lodge and club rooms. Adjacent to the temple, facing Gratiot Avenue, was a two-story office and commercial building which was intended to provide additional revenue to the temple. To accommodate the pervasive popularity of the automobile, the Detroit Superhighway Plan of 1924 called for the widening of Gratiot Avenue to 120 feet, which required that the two-story office and commercial building, in addition to the west corner of the temple, be razed. Thus, in 1930 the two-story building and east corner of the temple were demolished. In 1931 a three-story office and commercial building was constructed on the Gratiot-facing site and the east corner of the temple was chamfered to accommodate the widened road. Many of the existing façade features from the original building were incorporated into the new building. From 1935 to 1950, the Detroit Retail Meat Merchants Association held meetings at the temple, during a period when the association pushed back on demands made by Jimmy Hoffa and the International Brotherhood of Teamsters in attempts to organize Detroit's independent food merchants. In 1949, the temple was vacated by the last remaining group tied to the Order of the Amaranth, and in 1951, the Prince Hall Grand Lodge of Michigan, Free and Accepted Masons purchased the building. Following the purchase, it was renamed the Metropolitan Prince Hall Masonic Temple and has remained in continuous operation.

**Integrity and Current Conditions:**

Prince Hall Grand Lodge retains much of its historic character, but the majority of windows have been replaced. Windows on the façades facing McDougall Avenue, Gratiot Avenue, and Preston Street are 1-over-1 and 2-over-2 vinyl and aluminum replacement units. Arched openings infilled with aluminum siding are located on the second floor of the McDougall façade atop the 2-over-2 windows below. Some of the vinyl units have historic wood exterior panning. Additionally, a window opening near the center of the Preston Street façade has been replaced with an HVAC vent. The basement-level windows—which are outside of this scope of work—are infilled with glass block. Some of the first level windows are covered by security grilles. The rear façade, facing the vacant lot east of the building, contains steel, multi-pane, factory-style window units with a central, pivoting sash and wire glass. These windows appear to be original but are in poor condition evidenced by the rusted muntins, sashes, and frames, and degraded glazing compound. Some windows openings on the rear façade have been infilled with brick, and some of the first level windows are covered by security gates. There are a wide variety of windows in the alcove between the two sections of the building, which are hidden from





public view, making determination of which units are original difficult. Windows in the alcove include steel 4-over-4, 2-over-1, and 1-over-1 units with wire glass, wood 9-over-9 and 12-over-12 units, and vinyl replacement units. Some window openings in the alcove have been boarded over with plywood and some are covered in metal security grates. The windows are in fair to poor condition, evidenced by peeling paint, degraded glazing compound, areas of rust, and wood degradation.

Currently, there is no signage on the building. However, several anchors are visible near the center of the McDougall Avenue façade between the second and third floors.

### Scope of Work:

#### Window Replacement

The windows of the Prince Hall Grand Lodge were assessed by Kraemer Design Group. This scope of work includes the replacement of all windows, except for those at the basement level which will be included in a later scope of work. Please see the attached window survey documenting the condition of Prince Hall Grand Lodge's existing windows, and the variety of window types found throughout the building. One photograph of the building from c.1930 shows 1-over-1 units on the temple's primary façade and 6-over-1 units on the office building's Gratiot and McDougall Avenue facades. This photograph and the existing window types were used to determine historically compatible replacement windows.

The window units on the temple's primary façade facing McDougall Avenue and Preston Street are 1-over-1 and 2-over-2 vinyl and aluminum replacement units. The arched openings above the windows on the second floor have been infilled with aluminum siding. Thus, the Owner seeks to remove the existing windows and replace them with new thermally broken historic replica aluminum 1-over-1 single-hung windows with historic exterior panning and sill. The infill in the arched openings on the second floor will be removed and the upper sash of these windows will be arched.

The window units on the office building's primary façade facing Gratiot Avenue are 1-over-1 vinyl replacement units. Thus, the Owner seeks to remove the existing windows and replace them with new thermally broken historic replica aluminum 6-over-1 single-hung windows with applied muntins and historic exterior panning and sill.

There are several types of windows in the alcove, which are hidden from public view, which include cold-rolled steel 4-over-4, 2-over-1, and 1-over-1 units with wire glass, wood 9-over-9 and 12-over-12 units, and vinyl replacement units. Determining which windows, if any, are original is difficult. Additionally, the windows are in fair to poor condition, evidenced by peeling paint, degraded glazing compound, rust, holes, and wood degradation. Restoration of cold-rolled steel frame and sash windows is very difficult as the interior of the components is hollow. Even if rust on the exterior of the frame and sash are abated, rust and corrosion continue in the interior void of the components eventually resulting in degradation of the entire unit. Thus, the Owner seeks to remove the existing windows and replace them with new thermally broken historic replica aluminum 1-over-1 single-hung windows with historic exterior panning and sill.

The replacement windows on the Gratiot and McDougall facades and in the alcove will have insulated glass with Cardinal 272 low-e and argon fill, an AAMA 2605 painted historic dark bronze finish, and standard hardware. Please see the attached document describing the proposed replacement windows for additional details.

Window units on the rear façade of the temple, facing vacant property to the east, are hot-rolled steel 6- or 9-pane factory style units with a central, pivoting sash and wire glass. These windows appear to be original but are in poor condition evidenced by the rusted muntins, sashes, and frames, and degraded glazing compound. Thus, the Owner seeks to remove the existing windows and replace them with new thermally broken historic replica aluminum factory style windows with historic exterior panning and sill. The replacement windows will have insulated glass with Cardinal 272 low-e and argon fill, an AAMA 2605 painted historic dark bronze finish, and standard hardware. Replacement windows will match the appearance, size, design, proportions, profiles, and sightlines of the historic windows being replaced in accordance with NPS Preservation Brief 9 - Window Replacement Guidelines. Please see the attached document describing the proposed replacement windows for additional details.

## Signage

New signage is proposed to be installed on the Gratiot and McDougall Avenue facades. The proposed Gratiot Avenue sign is a 72-inch-wide and 22-inch-tall Alupanel (a metal, corrugated material with a smooth surface to print the sign on) with a white background and blue lettering and details. The sign is not illuminated. The proposed location is between the second and third floors above the second storefront bay (looking from north to south). The proposed McDougall Avenue sign is composed of two components. One component is a 96-inch-wide and 30-inch-tall acrylic sign with a white background and blue lettering and details. The sign will be internally lit with LED lighting and will be surrounded by a 6-inch-deep aluminum frame. The second component is a 96-inch-wide and 18-inch-tall LED display sign which will sit directly below the acrylic sign. The proposed location is between the second and third floors at the center of the McDougall façade.

The items listed above provide a synopsis of the proposed scope of work to replace the existing windows and install signage. Further detail is provided in the attached drawings, photographs, and documents. Please contact me if you have further questions.

Sincerely,

Kraemer Design Group, LLC



Brian Rebain, RA NCARB  
Principal



## Historic District Commission Application – General Photographs



McDougall and Gratiot facades



Gratiot façade

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Application – General Photographs



McDougall and Preston facades



Rear façade

**Most Worshipful Prince Hall Grand Lodge of Michigan**  
3500 McDougall, Detroit, Michigan



## Historic District Commission Application – General Photographs



Alcove

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