



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

C1D51598E55E469...
 SIGNATURE

01/21/2025
 DATE

NOTE: Based on the scope of work, additional documentation may be required. See 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.

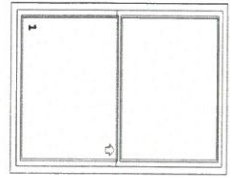
5. BROCHURES/CUT SHEETS

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

<p>6. WINDOWS/DOORS <i>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)</i></p>	

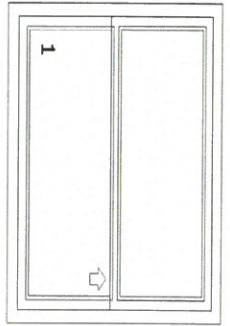


* 1 In the drawing denotes Tempered Glass

1
 nQty: 13
 jr: Dark Bronze
 rail Dim: 42 x 76
 42 3/4 x 76 1/2

Label: PRESTON
 Series: 4 1/8" - Historic (H650)
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 60
 Factory Mullied: Yes

ments:

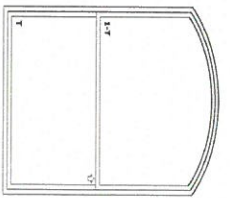


* 1 In the drawing denotes Tempered Glass

Line: 3
 Quantity: 2
 Color: Dark Bronze
 Overall Dim: 42 x 40
 RO: 42 3/4 x 40 1/2

Label: PRESTON
 Series: 4 1/8" - Historic (H650)
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 60
 Factory Mullied: Yes

Comments:

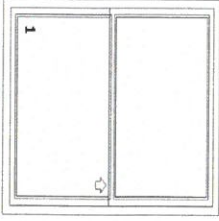


* 1 In the drawing denotes Tempered Glass

Line: 5
 Quantity: 5
 Color: Dark Bronze
 Overall Dim: 67 x 109 1/2
 RO: 67 3/4 x 110

Label: McDUGAL
 Series: 4 1/8" - Historic (H650)
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 0
 Factory Mullied: Yes

Comments:

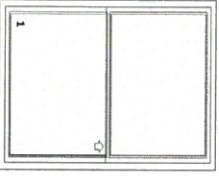


* 1 In the drawing denotes Tempered Glass

2
 nQty: 4
 jr: Dark Bronze
 rail Dim: 42 x 60
 42 3/4 x 60 1/2

Label: PRESTON
 Series: 4 1/8" - Historic (H650)
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 60
 Factory Mullied: Yes

ments:

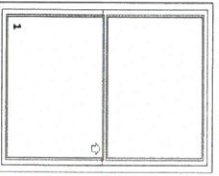


* 1 In the drawing denotes Tempered Glass

Line: 4
 Quantity: 10
 Color: Dark Bronze
 Overall Dim: 42 x 76
 RO: 42 3/4 x 76 1/2

Label: McDUGAL
 Series: 4 1/8" - Historic (H650)
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 60
 Factory Mullied: Yes

Comments:

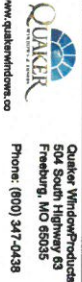


* 1 In the drawing denotes Tempered Glass

Line: 6
 Quantity: 3
 Color: Dark Bronze
 Overall Dim: 42 x 76
 RO: 42 3/4 x 76 1/2

Label: CORNER ANGLE
 Series: 4 1/8" - Historic (H650)
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 60
 Factory Mullied: Yes

Comments:

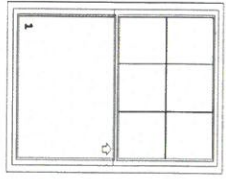


Quaker Window Products
 504 South Highway 63
 Freeburg, MO 65035
 Phone: (800) 347-0438
 www.quakerwindows.com

Order No: SOMD001029_1
 Customer: WINDOWPRO

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

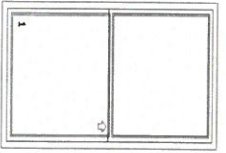
Project Name
 OB#0569792 - 3500 McDUGAL 12-23-24
 Description



* 1 In the drawing denotes Tempered Glass

Line: 7
 Quantity: 20
 Color: Dark Bronze
 Overall Dim: 42 x 76
 RO: 42 3/4 x 76 1/2
Label: GRATIO
 Series: 4 1/8" - Historic (H650)
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 60
 Factory Mullied: Yes

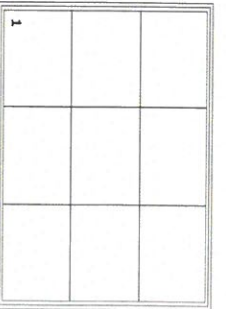
Comments:



* 1 In the drawing denotes Tempered Glass

Line: 9
 Quantity: 8
 Color: Dark Bronze
 Overall Dim: 39 x 82
 RO: 39 3/4 x 82 1/2
Label: ALCOVE
 Series: 4 1/8" - Historic (H650)
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 60
 Factory Mullied: Yes

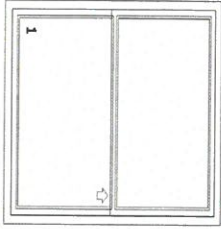
Comments:



* 1 In the drawing denotes Tempered Glass

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

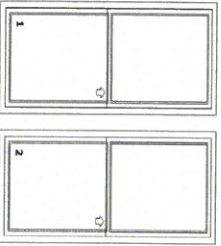
Comments:



* 1 In the drawing denotes Tempered Glass

Line: 8
 Quantity: 4
 Color: Dark Bronze
 Overall Dim: 45 x 62
 RO: 45 3/4 x 62 1/2
Label: REAR
 Series: 4 1/8" - Historic (H650)
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 60
 Factory Mullied: Yes

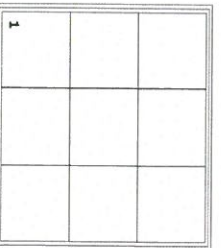
Comments:



* 1 In the drawing denotes Tempered Glass

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

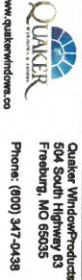
Comments:



* 1 In the drawing denotes Tempered Glass

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

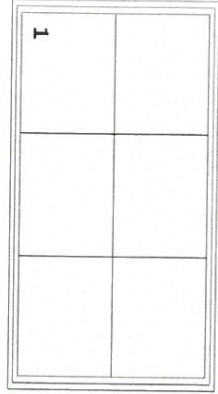
Comments:



Quaker Window Products
 504 South Highway 63
 Freeburg, MO 65035
 Phone: (800) 347-2438

Order No: SQMDW001029_1
 Customer: WINDOWPRO
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Project Name
 OB#0569792 - 3500 McDUGAL 12-23-24
 Description



* 1 in the drawing denotes Tempered Glass

Qty: 13
 Label: REAR
 Series: 3 1/4" - Historic (H450)
 Color: Dark Bronze
 Glass: Energy/Basic (Dual Silver)
 DP Rating: 50
 Factory Mullied: Yes
 Panel Dim: 48 x 36
 48 3/4 x 36 1/2
 Remarks:

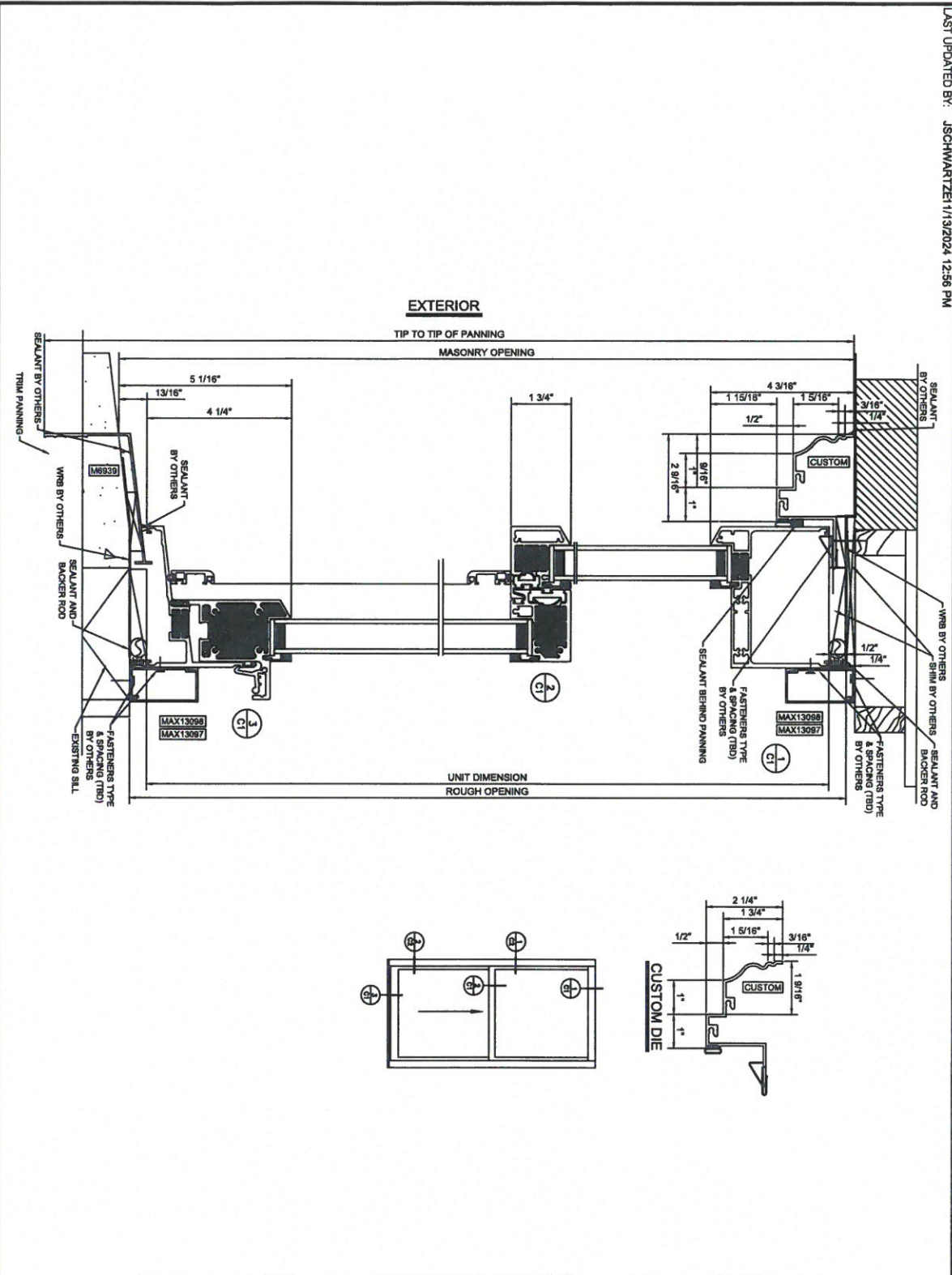

 Quaker Window Products
 504 South Highway 63
 Freeburg, MO 65035
 Phone: (800) 347-0438
www.quakerwindows.com

Order No: SQNDWM01028_1
 Customer: WINDOWPRO

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 DESIGN. CONTRACTOR MUST VERIFY ALL DIMENSIONS.

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

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



NOTICE:

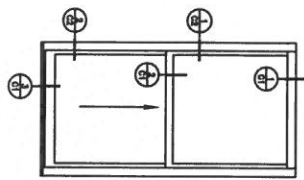
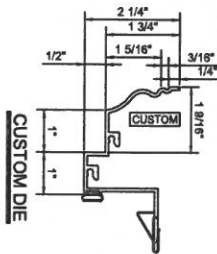
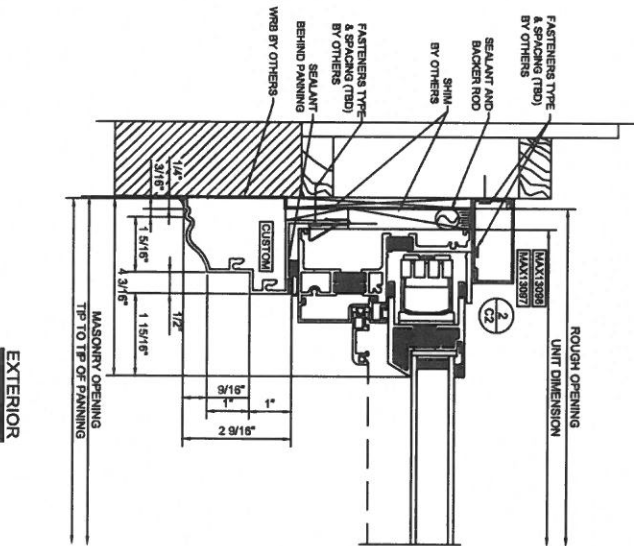
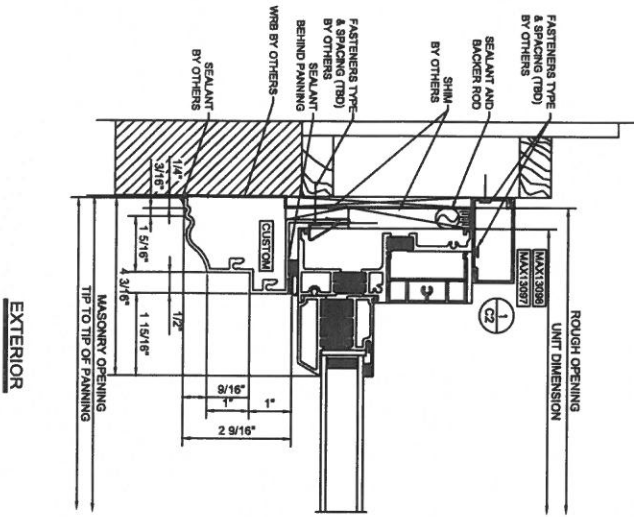
- Customer to verify installation detail method.
- Customer to verify wall details.
- Quaker does not supply any fasteners, shims, backer rod or sealants. Unless otherwise noted.
- Sealant must meet or exceed ASTM C820-11 Specification.
- Provide adequate blocking to support the sill of the window.
- Nailing flanges and drip caps (integral or applied) do not take the place of window flashing. All windows and doors must be properly flashed and sealed with material compatible sealant for protection against water and air infiltration around the entire perimeter. Failure to do so could result in product or property damage.

• **SWP INSTALLATION GUIDES TO REFER TO:**
 • K3-021 - SWAP TRIM INSTALLATION

<p>QUAKER COMMERCIAL</p>	Description: TYPICAL CUT DETAILS NORTH BUILDING PHONE (800)-347-0438 FAX (573)-744-5586 COMMERCIAL FAX (573)-744-5822 www.quakercommercialwindows.com	Project Name: 3500 MCDUGAL QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES, & INSTALLATION DESIGN. CONTRACTOR MUST VERIFY ALL DIMENSIONS.
	Drawn By: J S Checked By: J S 504 Highway 63 South Freeburg, MO 65035	Scale: 3/8"=1" Sheet #: C1

Drawing Created 11/3/24

LAST UPDATED BY: JSCHWARTZ/11/13/2024 12:57 PM



NOTICE:

- Customer to verify installation detail method.
- Customer to verify window framing, sifting, header rod or sealants. Unless otherwise noted.
- Sealant must meet or exceed ASTM C920-11 Specification.
- Provide adequate blocking to support the sill of the window.
- Nailing flanges and drip caps (factory or applied) do not take the place of window flashing. All windows and doors must be properly finished and sealed with material compatible sealant for protection against water and air infiltration around the entire perimeter. Failure to do so could result in product or property damage.

SEE INSTALLATION MANUAL TO PERFORMANCE TESTS AND FIELD INSTALLATION

	Description: TYPICAL CUT DETAILS NORTH, SOUTH BUILDING	Project Name: 3500 MCDUGAL
	PHONE (800)-347-0438 FAX (573)-744-5586 COMMERCIAL FAX (573)-744-5822 www.quakercommercialwindows.com	QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES & INSTALLATION DESIGN. CONTRACTOR MUST VERIFY ALL DIMENSIONS.
Drawn By: J S Checked By: J S	Scale: 3/8"=1" Sheet #: C2	
504 Highway 63 South Freeburg, MO 65035		
Drawing Created 11/13/24		



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 ²)	<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.

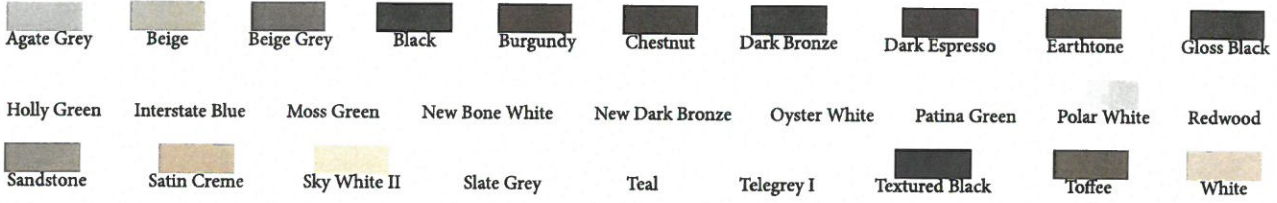
Our products are tested to the standards of and certified by some of the foremost organizations in the fenestration industry.



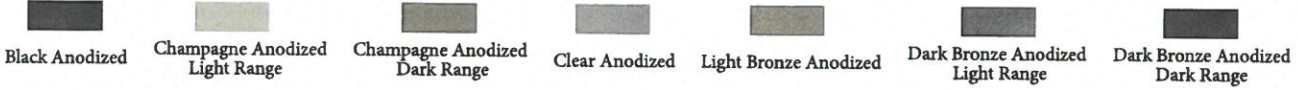
ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ 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.

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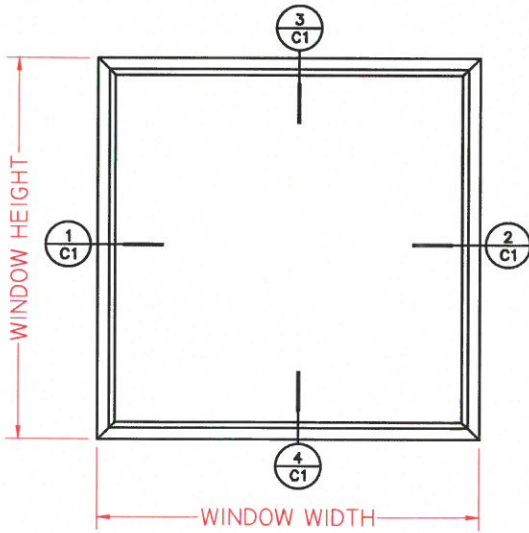
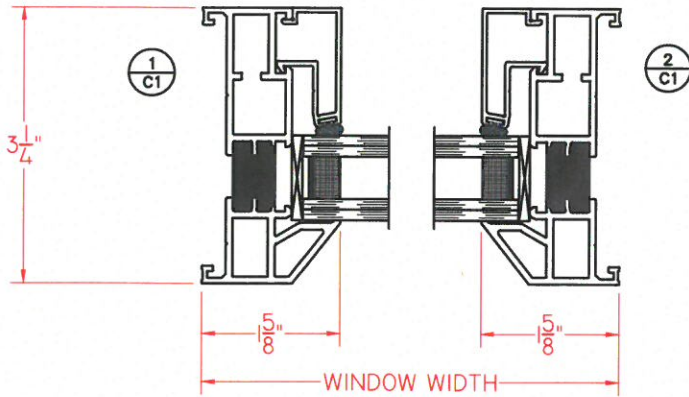




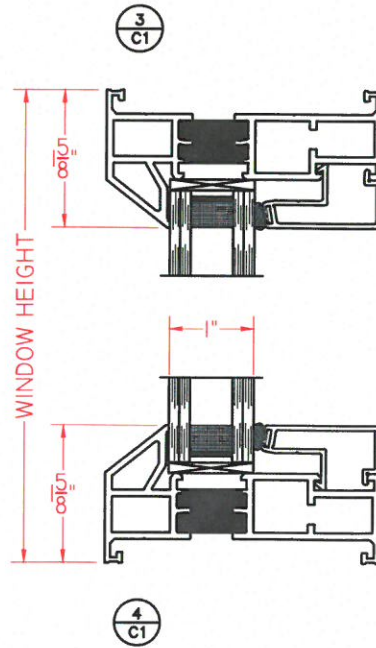
Historical **H450 Series**
3 1/4" Frame Depth
Picture Window (Fixed)

H450 PICTURE WINDOW WITHOUT NAILING FIN

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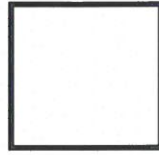
ELEVATION SCALE 3/4" = 1'-0"



SCALE 1:2

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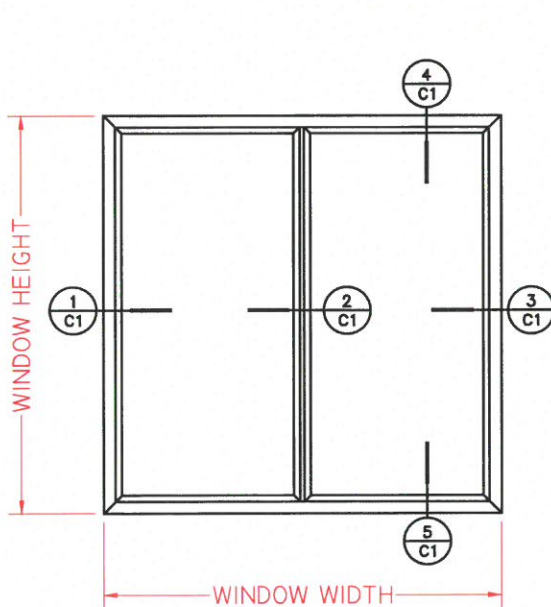
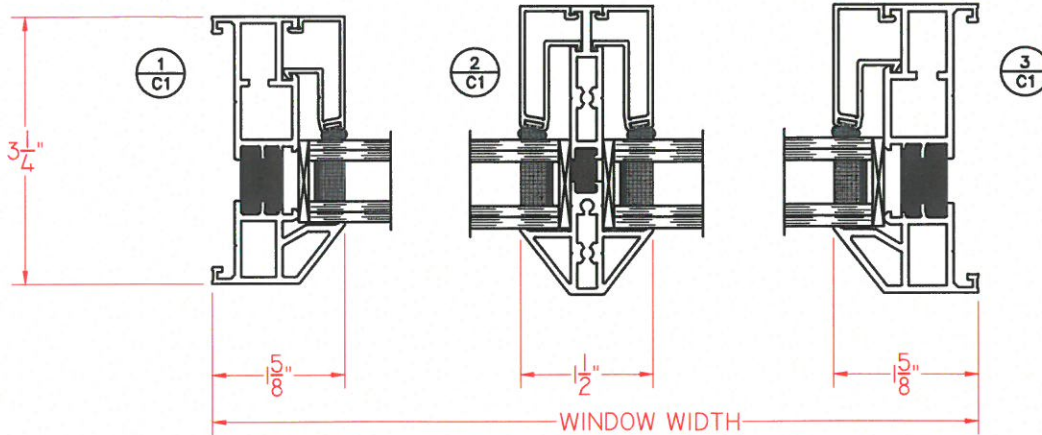




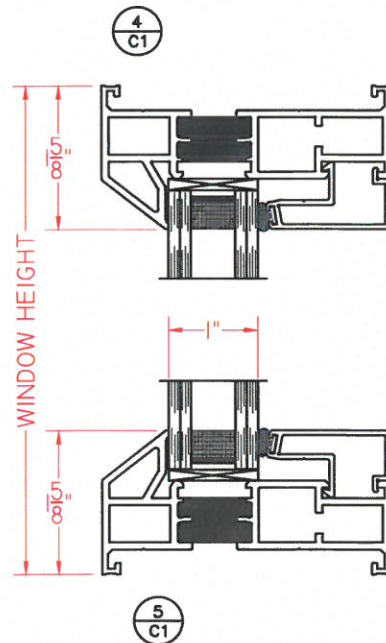
Historical **H450 Series**
3 1/4" Frame Depth
Picture Window (Fixed)

H450 PICTURE WINDOW/PICTURE WINDOW

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



SCALE 1:2

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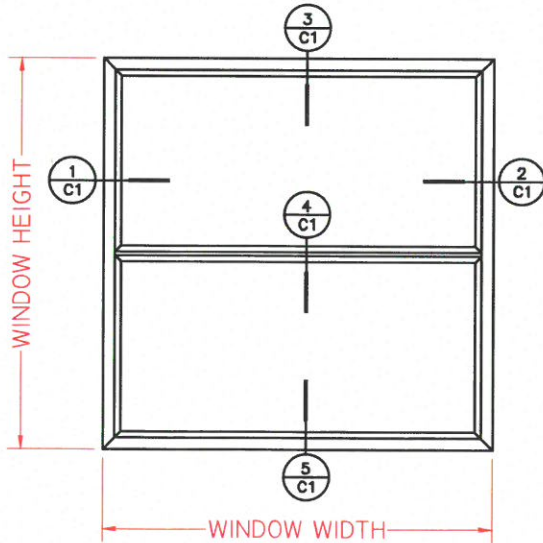
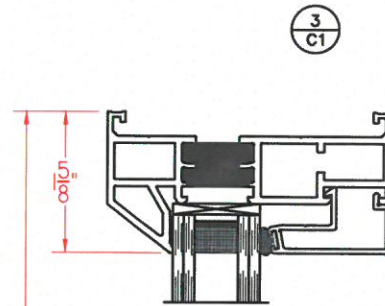
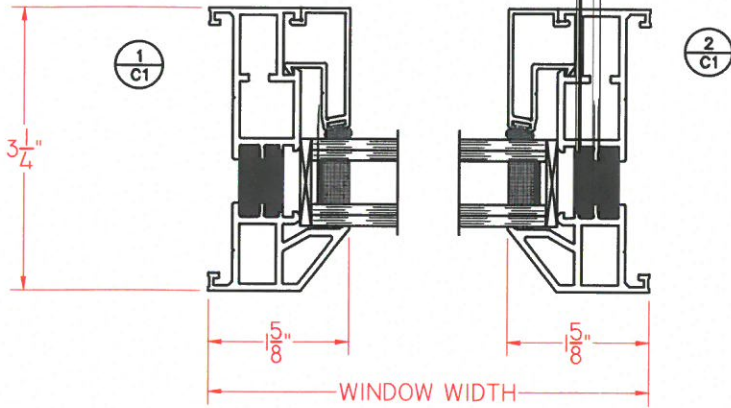




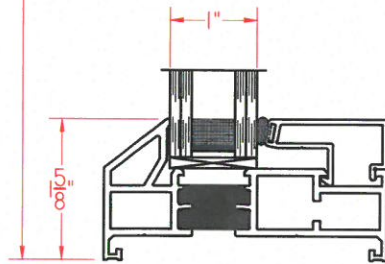
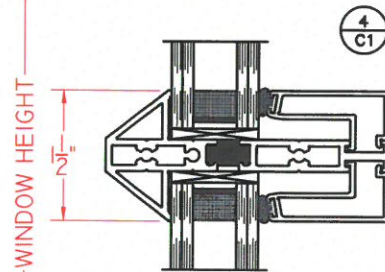
Historical **H450 Series**
3 1/4" Frame Depth
Picture Window (Fixed)

H450 PICTURE WINDOW/PICTURE WINDOW

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



5 (C1)

SCALE 1:2

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





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

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



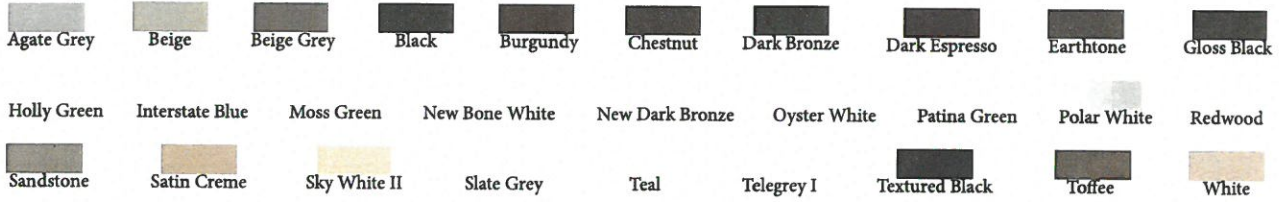
OPTIONS

- ◇ 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

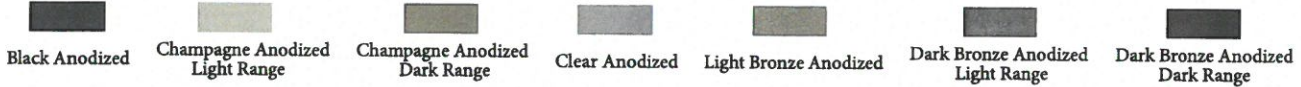
ARCHITECTURAL PAINT COATINGS AND FINISHES

◇ 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)

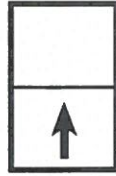
◇ SolarLE Paint Finish (available with Textured Black and Dark Espresso colors only)

◇ 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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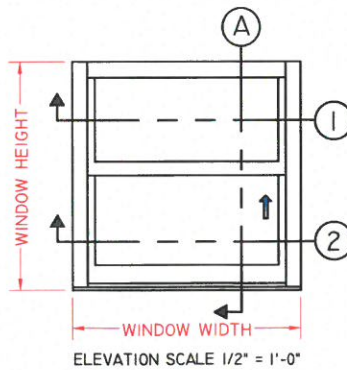
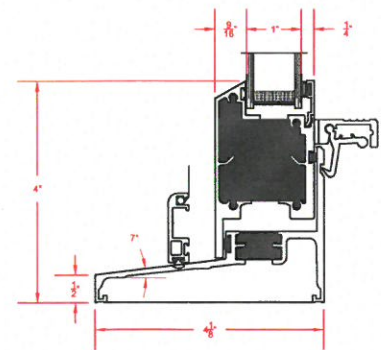
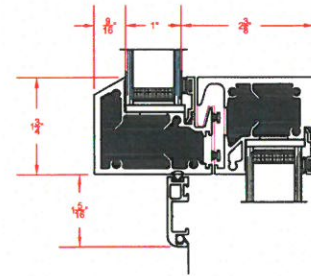
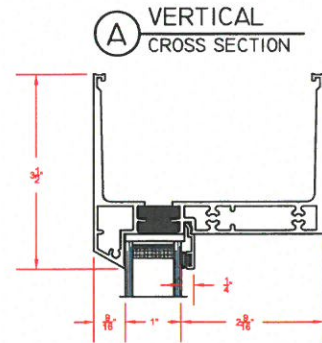
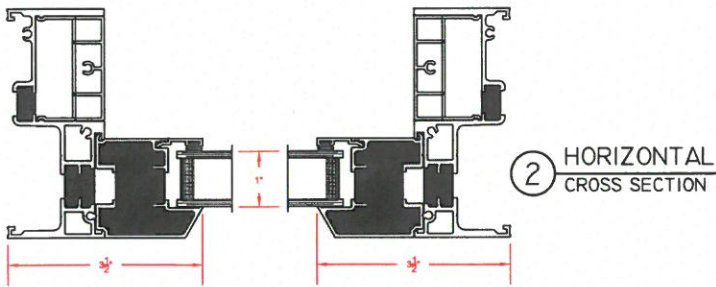
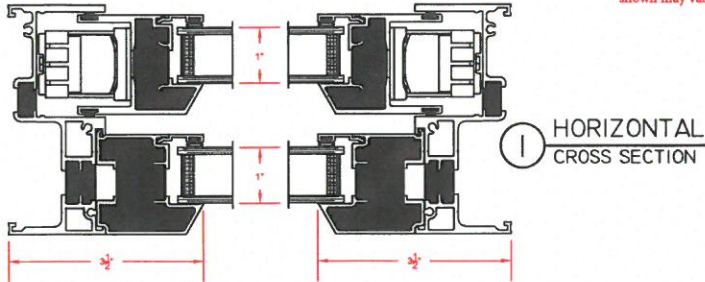




**H650 Series
4 1/8" Frame Depth
Single Hung**

H650 SERIES SINGLE HUNG

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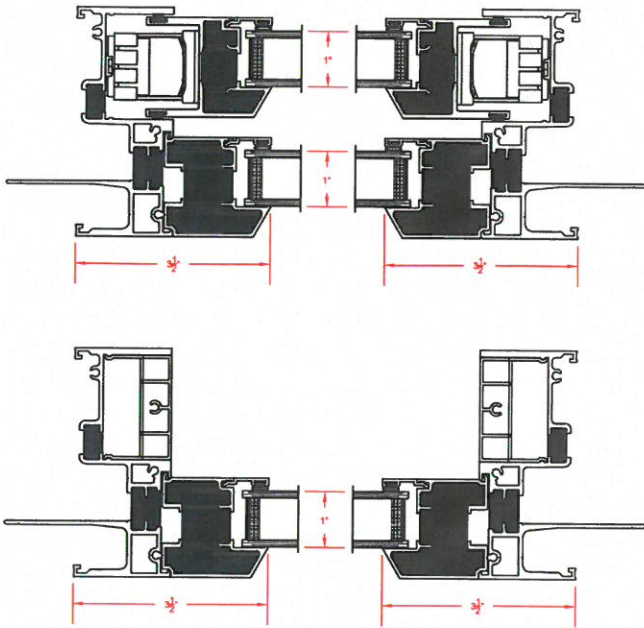


H655 Series 4 1/8" Frame Depth Single Hung

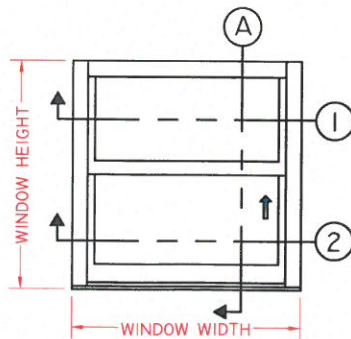
H655 SERIES SINGLE HUNG

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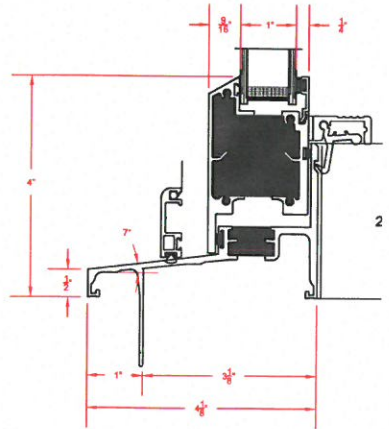
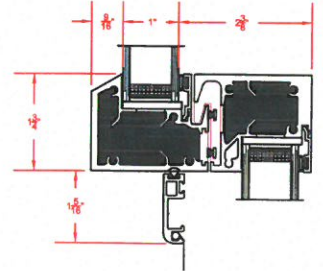
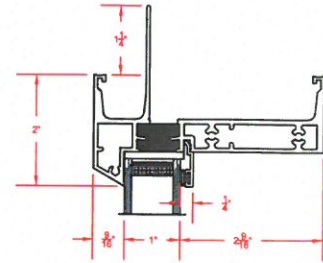
① HORIZONTAL
CROSS SECTION



② HORIZONTAL
CROSS SECTION



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



Ⓐ VERTICAL
CROSS SECTION

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





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 **Ship-To:** WINDOWPRO
 47705 WEST ROAD B - 106
 WIXOM, MI 48393
 US

Prepared By: Tony Reedy **Created On:** 10/30/2024
 treedy9@hotmail.com **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 Acc:No 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:s0.3CR: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		
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**** Viewed From Exterior ****

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

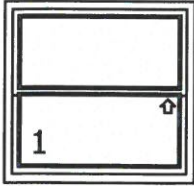
Exact Size: 42 X 60
 Color:Dark Bronze,Paint Type:2604,
 Glass:EnergyBasic (Dual Silver),Argon Filled,
 Hardware:Black,Sash:Gravity Latch,SASH Limit Stop:PermanentSASH Limitstop Dim Bot.:4",
 Screen:No Screen,
 Install Acc:No Nailing Fin,
 Frame Depth:4 1/8",
 Ext. Casing20949 Panning,Factory Apply: 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:s0.3CR: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		
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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:**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:** 42 X 40,
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: 38 3/8 X 6 7/8
Clear Opening Sqft: 1 7/8
Total Weight: 93 lbs.

4	McDOUGAL	10	EA	Quaker Unit
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**** 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:**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,

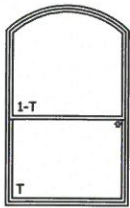
Unit:1-Single Hung - 12 lb Sill **Exact Size:** 42 X 76,
NFRC - U-Factor:0.33**SHGC:**0.31**VT:**0.53**AL:**≤0.3**CR:**58
Rating: AW-60
Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass
Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass

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

5	McDOUGAL	5	EA	Quaker Unit
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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:**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:** No - Precut and Ship Loose, **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-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
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**** 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:**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,

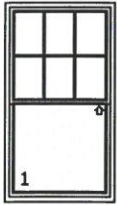
Unit:1-Single Hung - 12 lb **Sill Exact Size:** 42 X 76,
NFRC - U-Factor:0.33**SHGC:**0.31**VT:**0.53**AL:**≤0.3**CR:**58
Rating: AW-60
Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass
Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,**Strength:**Annealed Glass

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

7	GRATIOT	20	EA	Quaker Unit
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Quote Name: OB#0569792 - 3500 McDUGAL 12-23-24

Quote #: SQMDW001029_1



** Viewed From Exterior **

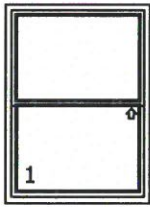
Series: 4 1/8" - Historic (H650)

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:**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:** 42 X 76,
NFRC - U-Factor:0.33**SHGC:**0.28**VT:**0.47**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: 38 3/8 X 24 7/8
Clear Opening Sqft: 6 11/16
Total Weight: 146 lbs.

8	REAR	4	EA	Quaker Unit
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** 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:**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:** 45 X 62,
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: 41 3/8 X 17 7/8
Clear Opening Sqft: 5 3/16
Total Weight: 132 lbs.

9	ALCOVE	8	EA	Quaker Unit
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Quote Name: OB#0569792 - 3500 McDUGAL 12-23-24 Quote #: SQMDW001029_1



** Viewed From Exterior **

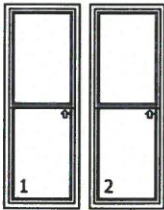
Series: 4 1/8" - Historic (H650)

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: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: 39 X 82,
 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: 35 3/8 X 27 7/8
 Clear Opening Sqft: 6 7/8
 Total Weight 146 lbs.

10	ALCOVE	1	EA	Quaker Unit
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** Viewed From Exterior **

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: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: 30 X 82,
 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

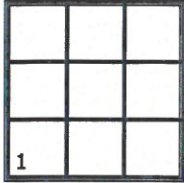
Unit:2-Single Hung - 12 lb Sill Exact Size: 30 X 82,
 NFRC - U-Factor:0.33SHGC:0.31VT:0.53AL:≤0.3CR:58
 Rating: AW-60
 Top Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass
 Bottom Glass:Cardinal LowE 272 - DSB / Clear - DSB,Strength:Annealed Glass

Overall Rating: DP-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.

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

Quote #: SQMDW001029_1

11	REAR	4	EA	Quaker Unit
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**** 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 GlS:5/8X3/8" Internal,Interior:10847 1" Flat ,
 Muntin Color:Exterior:Dark Bronze,Between GlS: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:0.3SHGC: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
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**** Viewed From Exterior ****

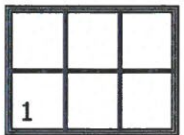
Series: 3 1/4" - Historic (H450)

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 GlS:5/8X3/8" Internal,Interior:10847 1" Flat ,
 Muntin Color:Exterior:Dark Bronze,Between GlS: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:0.3SHGC: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 GlS:5/8X3/8" Internal,Interior:10847 1" Flat ,
 Muntin Color:Exterior:Dark Bronze,Between GlS: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:0.31**SHGC:**0.33**VT:**0.57**AL:**≤0.3**CR:**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	Amount	Extended
1.00	SHOP DRAWINGS		
1.00	JOBSITE DELIVERY IF ACCESSIBLE		
1.00	Custom Panning Die If Needed		

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/. 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

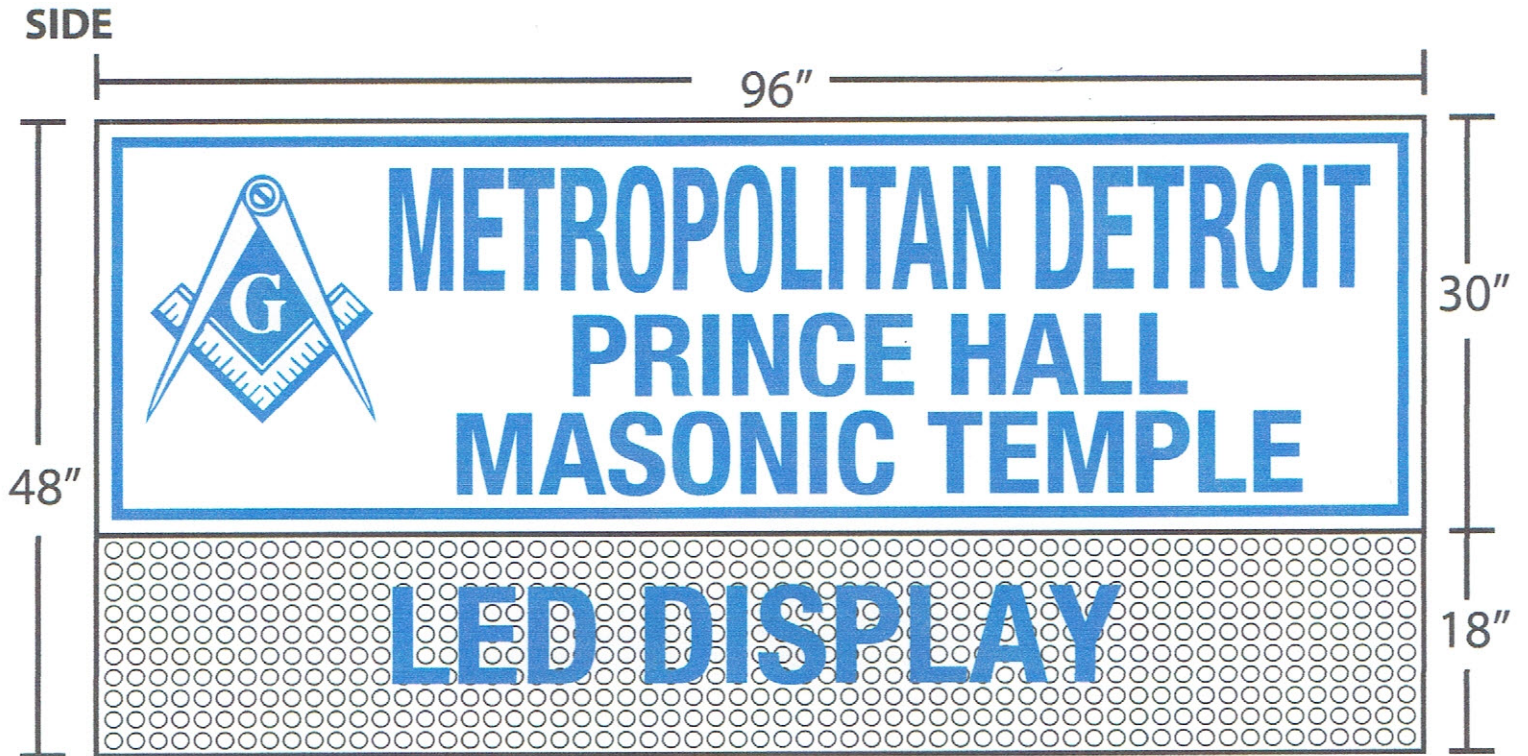


**METROPOLITAN DETROIT
PRINCE HALL
MASONIC TEMPLE**

FRONT



P.T. PALACE
OF
BEAUTY



SPECS

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



3500

METROPOLITAN DETROIT
PRINCE HALL
MASONIC TEMPLE

LED DISPLAY

Historic District Commission Window Survey



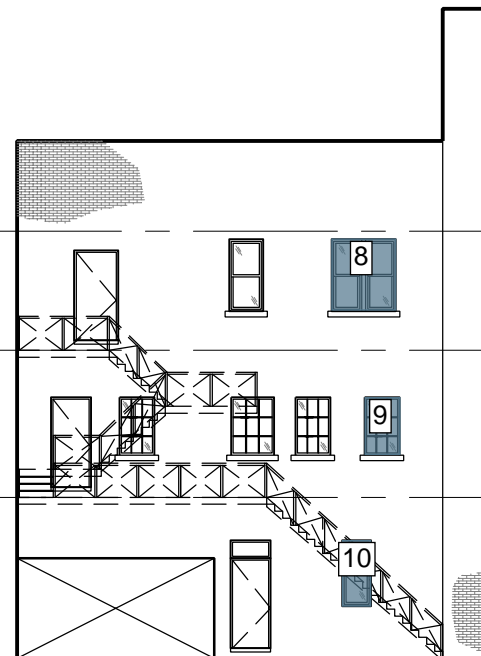
East elevation, facing Preston Street



South elevation, facing McDougall



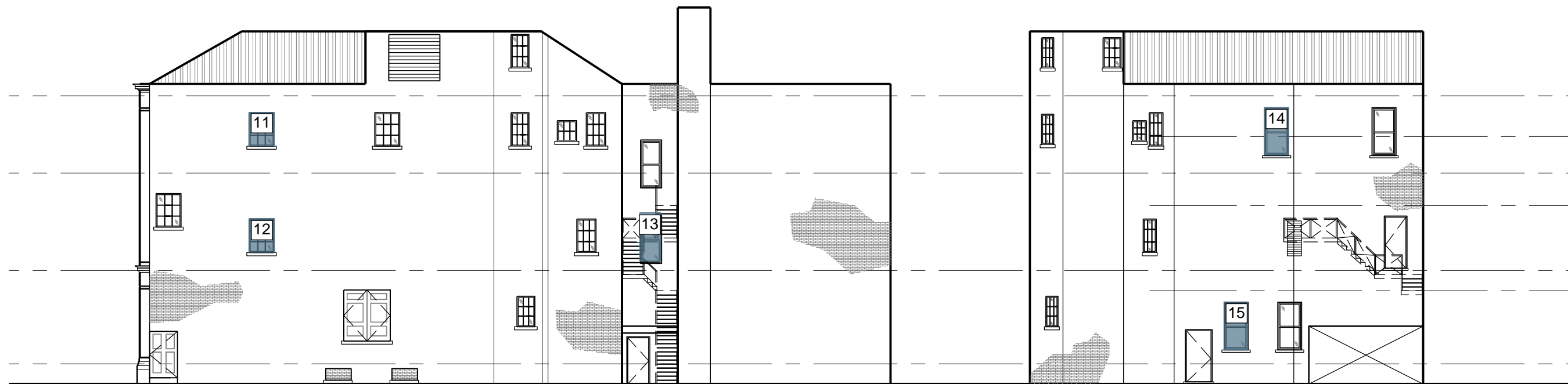
West elevation, facing Gratiot Avenue



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. 3rd Floor, east elevation. Vinyl replacement unit. 12/11/2024.



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

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3500 McDougall, Detroit, Michigan

Historic District Commission Window Survey



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

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3500 McDougall, Detroit, Michigan

Historic District Commission Window Survey



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



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

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Historic District Commission Window Survey



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

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Historic District Commission Window Survey



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



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

Most Worshipful Prince Hall Grand Lodge of Michigan
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Historic District Commission Window Survey



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



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

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Historic District Commission Window Survey



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

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3500 McDougall, Detroit, Michigan

Historic District Commission Window Survey



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



Window 5. 2nd 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. 1st Floor, south elevation. Vinyl replacement unit. 12/11/2024.



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

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Historic District Commission Window Survey



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

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Historic District Commission Window Survey



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

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



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

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3500 McDougall, Detroit, Michigan

Historic District Commission Window Survey



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



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

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3500 McDougall, Detroit, Michigan

Historic District Commission Window Survey



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

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Historic District Commission Window Survey



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

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



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

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Historic District Commission Window Survey



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



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

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



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

Most Worshipful Prince Hall Grand Lodge of Michigan
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Historic District Commission Window Survey



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



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

Most Worshipful Prince Hall Grand Lodge of Michigan
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Historic District Commission Window Survey



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

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3500 McDougall, Detroit, Michigan

Historic District Commission Window Survey



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



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

Most Worshipful Prince Hall Grand Lodge of Michigan
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Historic District Commission Window Survey



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

Most Worshipful Prince Hall Grand Lodge of Michigan
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Historic District Commission Window Survey



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



Window 15. 1st 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. 1st 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

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