



HISTORIC PRESERVATION COMMISSION

Marc Elrich
County Executive

Robert K. Sutton
Chairman

Date: March 29, 2023

MEMORANDUM

TO: Rabbiah Sabbakhan
Department of Permitting Services

FROM: Dan Bruechert
Historic Preservation Section
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit #1023063 - Window replacement

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **Approved** at the March 22, 2023 HPC Meeting.

The HPC staff has reviewed and stamped the attached construction drawings.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

Applicant: Robert Bertrand
Address: 5701 Achille Lane, Rockville

This HAWP approval is subject to the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made. Once work is complete the applicant will contact Dan Bruechert at 301.563.3400 or dan.bruechert@montgomeryplanning.org to schedule a follow-up site visit.





Figure 3.
Closeup of existing windows.

Replacement windows will closely mirror existing windows. New windows will be of composite material, 2/2 simulated divided light windows.

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Montgomery County
Historic Preservation Commission


REVIEWED
By Dan.Bruechert at 10:37 am, Mar 29, 2023

FIBREX® MATERIAL

Developed by Andersen, Fibrex material is a revolutionary structural composite material that blends the very best attributes of vinyl and wood. Fibrex material saves on natural resources because it's composed of 40% reclaimed wood fiber by weight. Special polymer formulations surround and fill each wood fiber, enabling top performance. The result is a material that provides uncommon value and enhances the quality of any project. In use for over two decades in Andersen® products, Fibrex material has proven its strength and durability in all types of climates.

REVOLUTIONARY BUILDING MATERIAL

- Twice as strong as vinyl so weatherlight seals stay weatherlight
- Blocks thermal transfer nearly 700 times better than aluminum to help reduce heating and cooling bills
- Retains its stability and rigidity in all climates for exceptional durability
- Offers superior scratch resistance compared to painted vinyl¹

ENVIRONMENTALLY RESPONSIBLE

- Since Andersen developed the highly sustainable Fibrex material, reuse of waste wood fiber has prevented the harvesting of nearly 90 million board feet of timber
- 100 Series products can help builders earn LEED® points in three key categories: Energy & Atmosphere, Materials & Resources and Indoor Environmental Quality
- 100 Series products meet or exceed California Section 01350 Specification, a California indoor emission standard – one of the toughest in the country
- Like all Andersen products, 100 Series products are designed to last² and help reduce future waste streams



See how Andersen created Fibrex material at andersenwindows.com/fibrex

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¹With andersenwindows.com/warranty for details.
²When tested against low-leading competitors' painted vinyl window products.

WINDOW & DOOR TYPES

CASEMENT & AWNING WINDOWS

Caseament windows are hinged on the side and open outward to the left or right, while awning windows are hinged at the top and open outward. Both are also available as non-operating stationary windows.



Twin Casement

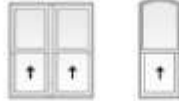


Picture With Flanking Casements

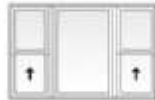
SINGLE-HUNG WINDOWS

Single-hung windows feature a fixed upper sash with an operable lower sash that slides up and down.

For convenience, the hardware locks automatically when the window is closed. An arch single-hung is also available to add architectural interest.



Twin Single-Hung Arch Single-Hung



Picture With Flanking Single-Hungs

GLIDING WINDOWS

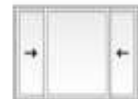
Gliding windows have one stationary sash and one operating sash that glides horizontally. A three-sash configuration, where two sash glide past a fixed center sash, is also available.



Gliding Active-Stationary Gliding Stationary-Active



Gliding Active-Stationary-Active, 1:1:1 Sash Ratio



Gliding Active-Stationary-Active, 1:2:1 Sash Ratio



Available in custom sizes to fit all projects.

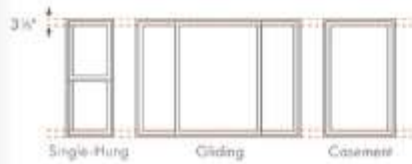
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Ronald W. [Signature]

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NEW CONSTRUCTION

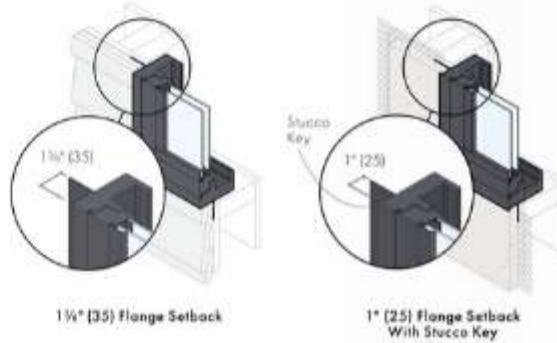
You'll find a 100 Series window or door to match any project from commercial to residential — no matter the location. And with uniform sight lines, it's easy to specify 100 Series products for the entire project.



- 3 1/4" [79] uniform sight lines allow for easy specification.
- An extension jamb attachment flange is available for easy application of extension jambs on the job site.
- Single-hung drywall pass-through windows have an upper sash that can be easily removed on the job site after the window is installed. With both sash removed, drywall can easily fit through upper floor windows.

FRAME TYPES: 1 1/4" Flange Setback or 1" Flange Setback With Stucco Key

For new construction, both frames have an integral installation flange that makes installation into a new opening easy and helps make sure the windows and doors are weathertight. For stucco exteriors, choose the frame with the stucco key to eliminate gaps that can result from the natural contraction of exterior stucco.

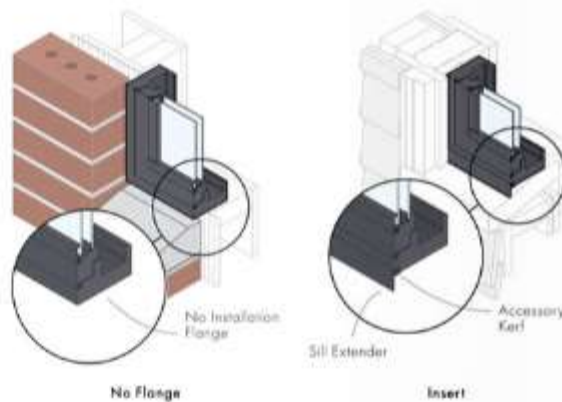


REMODELING & REPLACEMENT

Whether you're adding or updating, Andersen® 100 Series windows and patio doors enhance any project with a variety of styles, shapes and colors, with custom sizing in 1/8" [3] increments. The no-flange frame options include pre-drilled, through-the-jamb installation holes and installation screws to save you time.

FRAME TYPES: No Flange or Insert

The no flange frame allows for full removal of an existing window in situations where the frame is rotten or damaged. The no flange window is then installed into the existing rough opening. The insert frame provides fast and easy window replacement when installing the window into an existing window frame without disturbing the interior or exterior trim, saving time and money. The exterior accessory kerf allows for convenient finishing of the window. An exterior sill extender is available to fill the gap at the sill. Exterior frame extenders and a head expander are also available.



Dimensions in parentheses are in millimeters.

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EXTERIOR & INTERIOR COLORS

100 Series windows and patio doors come in five exterior colors, including dark bronze and black – colors that are darker and richer than those of most vinyl windows. The interiors feature a premium matte finish for an attractive appearance.



EXTERIOR COLORS



INTERIOR COLORS



*Products with Sandstone, dark bronze and black finishes have matching exterior. Pricing variations prevent exact duplication of colors. See your Andersen supplier for actual color samples.



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WINDOWS

FEATURES

CASEMENT & AWNING

FRAME

A The frame is constructed with Fibrex® composite material. This construction produces a rigid frame.

B Durable, low-maintenance finish won't fade, flake, blister or peel.

Concealed receiving brackets mounted on the large side of the frame keep the sash tightly secured within the window frame when closed.

C Four frame options are available. See "Common Features" for details.

SASH

D Fibrex material construction provides long-lasting performance. The sash, finished with a durable copping, provides maximum protection and a matte, low-maintenance finish.

E The dual weatherstrip system combines both an exterior weatherhead design and a bulb weatherstrip seal between the sash and frame. The result is a long-lasting, energy-efficient barrier against wind, water and dust.

GLASS

F A glazing bead and silicone provide superior weather-tightness and durability.

G See "Common Features" for details.



HARDWARE

Sash operator provides almost effortless opening and closing, regardless of window size. Long-lasting stainless steel hinge channels are used at the head and sill to provide easy operation.

Single-Action Casement Lock

A single-action lock easily releases all concealed locking points on the casement sash. The color or finish of the lock hardware matches the handle.

Awning Sash Locks



Awning sash locks provide an added measure of security and weather-tightness. Awning hardware style and color options are compatible with 500 Series casement windows to ensure a consistent appearance when used in combination designs.

SINGLE-HUNG

FRAME

A The frame is constructed with Fibrex composite material. This construction produces a rigid frame.

B A durable, side-loaded ball-bearing provides for easy sash opening and closing. The lower sash can be removed without the use of tools.

C Durable, low-maintenance finish won't fade, flake, blister or peel.

D Four frame options are available. See "Common Features" for details.

E Weep holes are located on the exterior nose of the sill for proper water management.

SASH

The lower sash has a meeting rail cover with a unique raised profile design, allowing the sash to be opened and closed easily.

F Fibrex material construction provides long-lasting performance. The sash, finished with a durable copping, provides maximum protection and a matte, low-maintenance finish.

G Dual-let weatherstrip provides a long-lasting, energy-efficient barrier against wind, water and dust.



GLASS

F A glazing bead and silicone provide superior weather-tightness and durability.

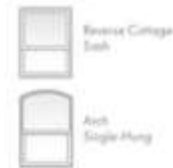
G See "Common Features" for details.

HARDWARE

Sash Lock

The sash lock engages automatically when the lower sash is closed. The standard sash lock matches the window's interior color.

ADDITIONAL SASH & SHAPE OPTIONS



COMMON FEATURES

FRAME

Four frame options include:

- 1 1/4" (32) flange setback for siding applications. An integral rigid vinyl flange helps seal the unit to the structure.
- 1" (25) flange setback with stucco key. An integral rigid vinyl flange helps seal the unit to the structure.
- No-flange option for window replacement in an existing framed opening.
- Inset option for window replacement in an existing window frame.

*See www.andersenwindows.com/interior for details.

**Products with Sandstone, dark bronze and black interiors have matching exteriors. Dimensions in parentheses are in millimeters. Finishing locations prevent exact duplications of colors. See your Andersen supplier for actual color samples.

GLASS

High-Performance options include:

- Low-E SmartSun™ glass
- Low-E SmartSun HeatLock™ glass
- Low-E glass
- Low-E HeatLock glass
- Low-E Sun glass
- Low-E PassiveSun™ glass
- Low-E PassiveSun HeatLock glass
- Clear Dual-Fine glass

Tempered laminated and other glass options are available. Contact your Andersen supplier.

A removable translucent film helps shield the glass from damage during delivery and construction, and simplifies finishing on the job site.

Patterned Glass

Patterned glass options are available. See page 12 for more details.

Glass Spacers



Glass spacers are now available in black, in addition to stainless steel, to provide more ways to customize project designs and achieve a contemporary look. (E-Series window is shown above.)

Performance Grade (PG) Upgrades

Optional performance grade upgrades are available for select sizes allowing units to achieve PG50 Performance Grade (PG) ratings or more comprehensive than Design Pressure (DP) ratings for measuring product performance. Choosing the PG50 upgrade doesn't change the appearance of the unit.

COLOR OPTIONS

EXTERIOR COLORS



INTERIOR COLORS



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GRILLE OPTIONS

Grilles for Andersen® 100 Series windows and patio doors are available in a wide variety of patterns to complement virtually any style of home. Plus, they have options for easy cleaning and architectural authenticity many vinyl windows can't match.



Finelight grilles-between-the-glass



Finelight grilles-between-the-glass with permanent exterior grilles



Permanent exterior and permanent interior grilles with spacer



Permanent exterior and permanent interior grilles with no spacer

FINELIGHT™ GRILLES BETWEEN-THE-GLASS

Make glass easy to clean and have an elegant, sculpted profile. Choose a two-sided color scheme to match both the interior and exterior of the window or patio door. Also available with exterior grilles to provide architectural style and detail.

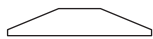
FULL DIVIDED LIGHT

Permanently applied to the exterior and interior of the window, with a spacer between the glass.

SIMULATED DIVIDED LIGHT

Permanently applied to the exterior and interior of the window, with no spacer between the glass.

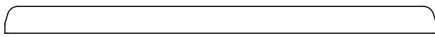
Grille Bar Widths Actual width shown.



3/4" (19) width grille bar for windows.

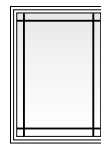


1" (25) width grille bar for patio doors.

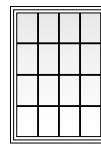


A 2 1/4" (57) width profile is available for most units to simulate a meeting rail or a multi-unit combination, such as a transom over a window or patio door.

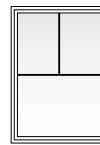
Grille Patterns



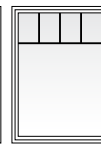
Prairie A



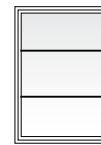
Colonial



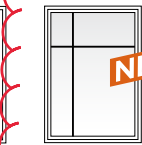
Tall Fractional



Short Fractional



Specified Equal Light*

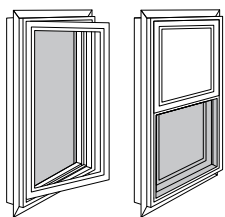


Custom J

NEW!

To see all of the standard patterns available for a specific window or door, refer to the detailed product sections in this product guide or contact your Andersen supplier.

INSECT SCREEN OPTIONS



Insect screens for venting windows have a fiberglass screen mesh. Optional TruScene® insect screens are made with a micro-fine stainless steel mesh, providing 50% greater clarity than our conventional insect screens. Insect screen frames for casement and awning windows are color matched to the product interior and for single-hung and gliding windows are matched to the product exterior.



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*Specify number of same-size rectangles across or down. Dimensions in parentheses are in millimeters.