MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION
STAFF REPORT

Address: 29 West Irving Street, Chevy Chase

Resource: Contributing Resource
(Chevy Chase Village Historic District)

Applicant: Allison and Peter McDonnell
(Case Design & Remodeling, Agent)

Review: HAWP

Permit Number: 953229

Meeting Date: 7/28/2021

Report Date: 7/21/2021

Public Notice: 7/14/2021

Tax Credit: No

Staff: Michael Kyne

PROPOSAL: Fenestration alterations and alterations to the rear elevation

STAFF RECOMMENDATION:

Staff recommends that the HPC approve the HAWP application.

ARCHITECTURAL DESCRIPTION:

SIGNIFICANCE: Contributing Resource within the Chevy Chase Village Historic District

STYLE: Dutch Colonial/Regency

DATE: c. 1892-1916

Fig. 1: Subject property.
PROPOSAL:

The applicants propose fenestration alterations and alterations to the rear elevation of the subject property house.

APPLICABLE GUIDELINES:

When reviewing alterations and new construction within the Chevy Chase Village Historic District several documents are to be utilized as guidelines to assist the Commission in developing their decision. These documents include the historic preservation review guidelines in the approved and adopted amendment for the Chevy Chase Village Historic District (Guidelines), Montgomery County Code Chapter 24A (Chapter 24A), and the Secretary of the Interior’s Standards for Rehabilitation (Standards). The pertinent information in these documents is outlined below.

Sec. 24A-8. Same-Criteria for issuance.

(b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to insure conformity with the purposes and requirements of this chapter, if it finds that:

(1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or

(2) The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or

(3) The proposal would enhance or aid in the protection, preservation and public or private utilization of the historic site or historic resource located within an historic district in a manner compatible with the historical, archeological, architectural or cultural value of the historic site or historic district in which an historic resource is located; or

(4) The proposal is necessary in order that unsafe conditions or health hazards be remedied; or

(5) The proposal is necessary in order that the owner of the subject property not be deprived of reasonable use of the property or suffer undue hardship; [emphasis added] or

(6) In balancing the interests of the public in preserving the historic site or historic resource located within an historic district, with the interests of the public from the use and benefit of the alternative proposal, the general public welfare is better served by granting the permit.

(c) It is not the intent of this chapter to limit new construction, alteration or repairs to any 1 period or architectural style.

(d) In the case of an application for work on an historic resource located within an historic district, the commission shall be lenient in its judgment of plans for structures of little historical or design significance or for plans involving new construction, unless such plans would seriously impair the historic or architectural value of surrounding historic resources or would impair the character of the historic district. (Ord. No. 94, § 1; Ord. No. 11-59)
Chevy Chase Village Historic District Guidelines

The guidelines break down specific projects into three levels of review – Lenient, Moderate and Strict Scrutiny.

“Lenient Scrutiny” means that the emphasis of the review should be on issues of general massing and scale, and compatibility with the surrounding streetscape, and should allow for a very liberal interpretation of preservation rules. Most changes should be permitted unless there are major problems with massing, scale and compatibility.

“Moderate Scrutiny” involves a higher standard of review than “lenient scrutiny.” Besides issues of massing, scale and compatibility, preserving the integrity of the resource is taken into account. Alterations should be designed so that the altered structure still contributes to the district. Use of compatible new materials, rather than the original building materials, should be permitted. Planned changes should be compatible with the structure’s existing design, but should not be required to replicate its architectural style.

“Strict Scrutiny” means that the planned changes should be reviewed to ensure that the integrity of the significant exterior architectural or landscaping features and details is not compromised. However, strict scrutiny should not be “strict in theory but fatal in fact” i.e. it does not mean that there can be no changes but simply that the proposed changes should be reviewed with extra care.

The Guidelines state three basic policies that should be adhered to, including:

Preserving the integrity of the contributing structures in the district. Alterations to contributing structures should be designed in such a way that the altered structure still contributes to the district.

Design review emphasis should be restricted to changes that will be visible from the front or side public right-of-way, or that would be visible in the absence of vegetation or landscaping.

Alterations to the portion of a property that are not visible from the public right-of-way should be subject to very lenient review. Most changes to rear of the properties should be approved as a matter of course.

The Guidelines that pertain to this project are as follows:

**Doors** should be subject to moderate scrutiny if they are visible from the public right-of-way, lenient scrutiny if they are not. For outstanding resources, they should be subject to strict scrutiny if they are visible from the public right-of-way. Addition of compatible storm doors should be encouraged.

**Exterior trim** (such as moldings on doors and windows) on contributing resources should be subject to moderate scrutiny if it is visible from the public right-of-way, lenient scrutiny if they are not. Exterior trim on outstanding resources should be subject to strict scrutiny if it is visible from the public right-of-way.

**Porches** should be subject to moderate scrutiny if they are visible from the public right-of-way, lenient scrutiny if they are not. Enclosures of existing side and rear porches have occurred throughout the Village with little or no adverse impact on its character, and they should be permitted where compatibly designed. Strict scrutiny should be applied to additions above existing front porches.

**Siding** should be subject to moderate scrutiny if it is visible from the public right-of-way, lenient scrutiny
if it is not. Artificial siding on areas visible from the public right-of-way should be discouraged where such materials would replace or damage original building materials that are in good condition. Vinyl and aluminum siding should be discouraged.

*Windows* (including window replacement) should be subject to moderate scrutiny if they are visible from the public right-of-way, lenient scrutiny if they are not. For outstanding resources, they should be subject to strict scrutiny. Addition of compatible exterior storm windows should be encouraged, whether visible from the public right-of-way or not. Vinyl and aluminum windows (other than storm windows) should be discouraged. Addition of security bars should be subject to lenient scrutiny, whether visible from the public right-of-way or not.

**Secretary of the Interior’s Standards for Rehabilitation**

#2: The historic character of a property will be retained and preserved. The removal of distinctive materials or alterations of features, spaces, and spatial relationships that characterize a property will be avoided.

#9: New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.

#10: New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

**STAFF DISCUSSION:**

The subject property is a c. 1892-1916 Dutch Colonial/Regency-style Contributing Resource within the Chevy Chase Village Historic District. There is a c. 1990s addition with open first floor porch at the northwest (rear/left, as viewed from the public right-of-way of West Irving Street) corner.

The applicants propose the following alterations at the subject property:

- Enclose the porch at the northwest (rear/left) corner of the 1990s addition.
  - The enclosure will be finished with wood lap siding, with a single-lite aluminum-clad French door on the rear elevation and PVC pilaster/corner boards to match the existing.
- Replace the two paired 6-over-1 double-hung windows on the first floor, rear elevation of the 1990s addition with single lite aluminum-clad French doors.
- Replace the door unit on the second floor, rear elevation of the 1990s addition with two 6-over-6 aluminum-clad double-hung windows.
  - The proposed windows will have permanently-affixed 7/8” interior and exterior muntins with internal spacer bars.
- Remove two round windows on the second floor, rear elevation of the 1990s addition.
- Replace the gable windows on the rear elevation of 1990s addition with a decorative, non-venting oval louver.
  - The louver will be constructed from molded polyurethane.
- Replace the 1-over-1 double hung window in the dormer on the east/right side of the 1990s addition with a fixed 6-lite aluminum-clad transom window.
  - The proposed window will have permanently-affixed 7/8” interior and exterior muntins
with internal spacer bars.

- Replace the paired 6-over-1 double hung window on the first floor, east/right elevation of the 1990s addition with a single 4-over-4 aluminum-clad double hung window.
  - The proposed window will have permanently-affixed 7/8” interior and exterior muntins with internal spacer bars
- Install one new 6-over-6 aluminum-clad double-hung window on the second floor, west/left elevation of the historic house.
  - The proposed window will have permanently-affixed 7/8” interior and exterior muntins with internal spacer bars
  - The new window casing will be constructed from wood to match the existing.
- Where necessary, the siding of the 1990s addition will be patched with wood lap siding to match the existing.
- The proposed new casing (window, doors, and band board) on the 1990s addition will be constructed from PVC.
- A step down to grade will be constructed at the three proposed new French doors, with a new flagstone patio at grade to tie into the existing flagstone patio at the rear of the house.

Staff supports the applicants’ proposal, finding it consistent with the Guidelines. The proposed porch enclosure and fenestration alterations are primarily at the rear, where they will be negligibly visible from the public right-of-way, at best. Further, these alterations will only affect the non-historic 1990s addition. Accordingly, staff finds that these alterations should be subject to lenient scrutiny. The Guidelines state that lenient scrutiny “means that the emphasis of the review should be on issues of general massing and scale, and compatibility with the surrounding streetscape, and should allow for a very liberal interpretation of preservation rules. Most changes should be permitted unless there are major problems with massing, scale and compatibility.” Staff finds that the proposed porch enclosure and fenestration alterations will not impact the massing, scale, or compatibility of the subject property with the surrounding streetscape.

Regarding the proposed new window on the second floor, west/left elevation of the historic house, staff finds that it will be visible from oblique angles within the public right-of-way of West Irving Street. Due to its visibility, staff finds that the proposed new window should be subject to moderate scrutiny. Per the Guidelines, moderate scrutiny “involves a higher standard of review than ‘lenient scrutiny.’ Besides issues of massing, scale and compatibility, preserving the integrity of the resource is taken into account. Alterations should be designed so that the altered structure still contributes to the district. Use of compatible new materials, rather than the original building materials, should be permitted. Planned changes should be compatible with the structure’s existing design, but should not be required to replicate its architectural style.”

Staff finds that the proposed new window will preserve the integrity of the resource and the house will still contribute to the district. As noted, use of compatible new materials, as proposed, should be permitted. Because the window is intended to match the style of the existing 6-over-6 historic windows, staff finds it compatible with the structure’s existing design.

In accordance with Standards #2 and #9, the proposed porch enclosure and fenestration alterations will not remove or alter character-defining features of the historic house or surrounding streetscape. Per Standard #10, the proposed new window can be removed in the future without impairing the essential form and integrity of the historic property and its environment.

After full and fair consideration of the applicant’s submission staff finds the proposal as being consistent with the Criteria for Issuance in Chapter 24A-(b) 1 and 2, having found the proposal is consistent with the
Secretary of the Interior’s Standards for Rehabilitation #2, #9, and #10, and the Chevy Chase Village Historic District Guidelines outlined above.

**STAFF RECOMMENDATION:**

Staff recommends that the Commission *approve* the HAWP application under the Criteria for Issuance in Chapter 24A-8(b) (1), (2), and (d), having found that the proposal is consistent with the *Chevy Chase Village Historic District Guidelines* identified above, and therefore will not substantially alter the exterior features of the historic resource and is compatible in character with the district and the purposes of Chapter 24A;

and with the *Secretary of the Interior’s Standards for Rehabilitation #2, #9, and #10*;

and with the general condition that the applicant shall present an electronic set of drawings, if applicable, to Historic Preservation Commission (HPC) staff for review and stamping prior to submission for the Montgomery County Department of Permitting Services (DPS) building permits;

and with the general condition that final project design details, not specifically delineated by the Commission, shall be approved by HPC staff or brought back to the Commission as a revised HAWP application at staff’s discretion;

and with the general condition that the applicant shall notify the Historic Preservation Staff if they propose to make any alterations to the approved plans. Once the work is completed the applicant will contact the staff person assigned to this application at 301-563-3400 or michael.kyncl@montgomeryplanning.org to schedule a follow-up site visit.
APPLICATION FOR
HISTORIC AREA WORK PERMIT
HISTORIC PRESERVATION COMMISSION
301.563.3400

APPLICANT:

Name: Allison and Peter McDonnell
Address: 29 West Irving Street
Daytime Phone: 202-320-6488

E-mail: allison.mcdonnell@gmail.com
City: Chevy Chase
Zip: 20815
Tax Account No.: 

AGENT/CONTACT (If applicable):

Name: Case Design /Remodeling
Address: 4701 Sangamore Rd NP 40
Daytime Phone: 240-235-9764

E-mail: smatus@casedesign.com
City: Bethesda
Zip: 20816
Contractor Registration No.: 1176

LOCATION OF BUILDING/PREMISE: MIHP # of Historic Property

Is the Property Located within an Historic District? _x_ Yes/District Name Chevy Chase Village
__No/Individual Site Name_ 

Is there an Historic Preservation/Land Trust/Environmental Easement on the Property? If YES, include a map of the easement, and documentation from the Easement Holder supporting this application.

Are other Planning and/or Hearing Examiner Approvals/Reviews Required as part of this Application? (Conditional use, variance, record Hiat, etc.? ) If YES, include information on these reviews as supplemental information.

Building Number: 29 Street: W. Irving Street

Town/City: Chevy Chase Nearest Cross Street: Cedar Parkway

Lot: 3 and 4 Block: 32 Subdivision:Parcel:

TYPE OF WORK PROPOSED: See the checklist on Page 4 to verify that all supporting items for proposed work are submitted with this application. Incomplete Applications will not be accepted for review. Check all that apply:

☐ New Construction ☐ Deck/Porch ☐ Shed/Garage/Accessory Structure
☐ Addition ☐ Fence ☐ Solar
☐ Demolition ☐ Hardscape/Landscape ☐ Tree removal/planting
☐ Grading/Excavation ☐ Roof ☐ Window/Door
☐ Other; enclosed covered rear porch/landing

I hereby certify that I have the authority to make the foregoing application, that the application is correct and accurate and that the construction will comply with plans reviewed and approved by all necessary agencies and hereby acknowledge and accept this to be a condition for the issuance of this permit.

SUSAN MATUS

Signature of owner or authorized agent

DATE

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## HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFYING
[Owner, Owner's Agent, Adjacent and Confronting Property Owners]

<table>
<thead>
<tr>
<th>Owner's mailing address</th>
<th>Owner's Agent's mailing address</th>
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<tbody>
<tr>
<td>29 West Irving Street</td>
<td>4701 Sangamore Rd NP 40</td>
</tr>
<tr>
<td>Chevy Chase, Maryland 20815</td>
<td>Bethesda, Maryland 20816</td>
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### Adjacent and confronting Property Owners mailing addresses

<table>
<thead>
<tr>
<th>Aaron and Charlotte Kramer</th>
<th>Robert and Judith Rovner</th>
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<tr>
<td>27 West Irving Street</td>
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<td>Francisco and Donna Arbide</td>
<td>Donna Evers</td>
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<td>26 West Kirke Street</td>
<td>28 West Kirke Street</td>
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HISTORIC AREA WORK PERMIT APPLICATION
Application Date: 5/17/2021

Comments
Owners' are looking to edit the exterior while providing a more connected exit to their rear yard, enclosing the porch will help this.

Affidavit Acknowledgement
The Contractor is the Primary applicant authorized by the property owner
This application does not violate any covenants and deed restrictions

Primary Applicant Information
Address 29 W IRVING ST
CHEVY CHASE, MD 20815
Other contact Case Design and Remodeling (Primary)

Historic Area Work Permit Details
Work Type ALTER
Scope of Work Enclose side /rear porch. Renovate the exterior to improve the fenestration at rear.
Description of the Property:

The original property is a single family house built in 1917 with an addition built at the rear in the 1990's. The property has a detached garage at the rear of the lot. The rear addition has a Gambrel style roof. The exterior finish is smooth wood lap siding. The 2nd floor cantilevers over the 1st floor's rear wall. There is limited decorative trim on the house, however the overhang does have a series of brackets and the 1st floor does have exterior pilaster details as corner boards. The rear elevation at the 1st floor has (2) sets of double hung windows and at the 2nd floor there is a wide French style patio door flanked on each side by round windows and there are (4) square transom windows at the peak of the Gambrel. Also, at the west rear corner/adjacent to side yard there is covered porch at the 1st floor with entry to the original house and the addition, the 2nd floor sits above this area.

Description of the Work Proposed:

The proposed work located at the rear addition will not change the current footprint of the house as described on the plat/survey. There is no foundation work or ground disturbance required. The scope of work includes enclosing the porch with frame construction and finishing the exterior with smooth wood lap siding to blend with the existing. We will provide a pilaster at the corner of the enclosed area to mimic the existing pilaster at the east rear corner. At the rear of the porch area to be enclosed we will be installing a new 5' wide French door. At the rear of the existing 1st floor, we propose to remove the (2) sets of double hung windows and lower the current windowsill/stool to accommodate (2) new 5' French doors. No change to the current width of the openings is planned. At the east side elevation of the addition, at the 1st floor, we will remove the twin double hung window and replace it with a single double hung window and patch the siding with smooth lap wood siding to blend with the existing.

At the 2nd floor of the existing addition, we will be removing the existing door unit and replacing it with (2) double hung windows. We will be removing the (2) round windows and (4) upper transom units. All the wall areas requiring close-up will be constructed with frame construction and finished with smooth wood lap siding to blend with the existing. We will install a non-venting oval louver at the upper Gambrel area. Currently there is a large double hung window in the east side gable which will be removed and opening reduced to allow a smaller fixed transom window to sit directly under the current window's header. The lower area will be closed with frame construction and infilled between the existing casing/trim work with smooth wood lap siding or a flush/smooth panel and wood ogee trim.

At the 2nd floor of the existing original house, on the west side towards the back of the house, we are proposing to create a new opening and install a new all wood double hung window.

All new windows and doors will be trimmed with casing to blend with the existing. This trim will be synthetic material. The new pilasters will be trimmed with details to match the existing pilaster at the rear.
HAWP APPLICATION
29 W. IRVING STREET, CHEVY CHASE MD.
JULY 6, 2021

WORK ITEMS

Work Item #1: Enclose existing addition’s 1st floor rear porch.

Description of Current Condition: Covered Porch at the west rear corner of the house.

Proposed Work: Construct new exterior frame walls on the existing foundation and under the existing 2nd floor structure to enclose the porch footprint. Finish the east side elevation and rear elevation with smooth wood lap siding and pilaster details. Provide and install a new 5’ wide French Door at the rear. Exterior of door to be White. Door to have no grids. Door casing to be 4” flat synthetic material to blend with existing window casing. Smooth wood lap siding to be painted to blend with existing house.

Work Item #2: Replace windows with French Doors at 1st floor rear existing addition.

Description of Current Condition: (2) sets of 5’ wide twin double hung windows.

Proposed Work: Lower existing windowsills/stools to allow new French doors to be installed without change to the width of the openings. Exterior of doors to be White. Doors to have no grids. Door casing to be 4” flat synthetic material to blend with existing window casing. Smooth wood lap siding to be painted to blend with existing house.

Work Item #3: Replace twin window with single Double hung window at 1st floor east side existing addition.

Description of Current Condition: (1) Twin double hung window.

Proposed Work: Remove existing window unit(s). Salvage (1) unit if practical to remain in its current location. If window is not salvageable, we will provide and install a new double hung window of similar size to the single unit. New window will have simulated divided grilles/grids with a 4 over 4 pattern (2W2H per sash). Grilles/grids are permanently attached to the exterior. New window will have a white exterior. Close up the opening as required with frame construction and patch siding with smooth wood lap siding to blend with the existing. Case window to blend with existing casing. If new window is installed the casing will be synthetic.
HAWP APPLICATION CONTINUED

Work Item # 4: Replace French door with (2) Double hung windows at 2nd floor rear existing addition.

Description of Current Condition: Four panel French door.

Proposed Work: Remove existing door unit. Close up exterior wall with frame construction to allow (2) new double hung windows to be installed. New double hung windows to have simulated divided grilles/grids with a 6 over 6 pattern (3W2H per sash). Grilles/grids are permanently attached to the exterior. New windows will have a white exterior. Patch siding with smooth wood lap siding to blend with the existing. Case window to blend with existing casing. Patch band board trim to blend with existing at removed door’s sill area.

Work Item # 5: Remove round windows and transoms at 2nd floor rear existing addition.

Description of Current Condition: (2) round windows and (4) transoms.

Proposed Work: Remove existing window units. Close up exterior wall with frame construction. Patch siding with smooth wood lap siding to blend with the existing. Install a new non venting 18" x 24" oval decorative panel at the upper area of the Gambrel roof. New oval to be synthetic material.

Work Item # 6: Replace double hung window at 2nd floor east side existing addition.

Description of Current Condition: (1) double hung window at side dormer.

Proposed Work: Remove existing window unit. Install a new fixed transom window directly under the existing window header. Close up exterior wall below the new window with frame construction. Patch siding with smooth wood lap siding or smooth panel with ogee trim inside of the existing dormers trim work. New window will have simulated divided grilles/grids with a 3 over 3 pattern (3W2H). Grilles/grids are permanently attached to the exterior. New window will have a white exterior.

Work Item # 7: Add new window at 2nd floor west side of existing house.

Description of Current Condition: Side wall of main house with smooth wood lap siding.

Proposed Work: Create new opening in the existing wall for a new double hung window. New window will have simulated divided grilles/grids with a 3 over 3 pattern (3W2H). Grilles/grids are permanently attached to the exterior. New window will have a white exterior. Case window to blend with existing casing.
HAWP APPLICATION
29 W. IRVING STREET, CHEVY CHASE MD.
JULY 6, 2021

MATERIAL DESCRIPTIONS

EXTERIOR DOORS AT EXISTING ADDITION: Pella Reserve series Traditional Double Outswing Door OR similar manufacturer. Painted Classic White Endura Clad Aluminum exterior. Interior to be painted white. Insulated Dual Tempered Low-e advanced double pane glass with argon. No grilles/grids.

Unit #1: quantity (3): Frame size: 59.25” x 86”.

WINDOWS AT EXISTING ADDITION: Pella Lifestyle Double Hung or Fixed Transom windows OR similar manufacturer. Painted Classic White Endura Clad Aluminum exterior. Interior to be painted white. Insulated Dual Low-e advanced double pane glass with argon. Simulated Divided Lights with spacer bars. 7/8” Traditional grilles/grids. Full Vivid View screens with white frame on double hung units. Transom unit is fixed.


Unit B: quantity (1): Frame size: 25” x 47”. Rough opening: 25 3/4” x 47 3/4”. Grilles to be 2W2H/2W2H.


WINDOW AT EXISTING HOUSE: Pella Reserve Traditional Double Hung OR similar manufacturer. Painted Classic White Endura Clad Aluminum exterior. Interior to be painted white. Insulated Dual Tempered Low-e advanced double pane glass with argon.


SIDING: Smooth Wood Lap siding to blend with existing. Siding reveal/exposure is to blend with existing.

Non VENTING LOUVER: 24” x 37” Fypon or similar manufacturer. Synthetic non-venting decorative louver.

CASING/TRIM at existing addition: Synthetic/ PVC or similar flat window, door and band board casing.

CASING at existing house: Paint grade wood flat window casing to blend with existing adjacent 2nd floor side windows.

PILASTER BASE AND CAPS at existing addition: Synthetic/ PVC or similar material flat base with ogee trim to blend with existing pilasters.
Frame
- Select softwood, immersion treated with Pella’s EnduraGuard wood protection formula in accordance with WDMA LS-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Pella, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [clear pine] (mahogany) [darkwood] [birch]. Edge-banded and veneered on straight members. Curved members may have finger-jointed surfaces.
- Exterior surfaces are clad with aluminum at the head and jamb.
- Components are assembled with screws, staples and concealed corner locks.
- Frame depth is 5-7/8” (159mm) for a wall depth of 4-9/16” (116mm).
- Jamb extensions available to adjust door to wall thickness between 4-9/16” (116mm) to 7” (178mm).
- Optional factory applied EndumCloak exterior trim.
- Solid extruded aluminum sill with [MB] (Nickel) [Bronze] (Black) [anodized to match anodized cladding] finish. (Mahogany threshold for mahogany door) [Walnut] [composite black] [threshold for pine] [bronze] [silver] [door].
- Sill is 1/2” low profile. Material and finish is anodized aluminum with [mill] (bronze) [anodized to match anodized cladding] finish.

Door panels
- Select softwood, immersion treated with Pella’s EnduraGuard wood protection formula in accordance with WDMA LS-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Pella, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are veneered with [clear pine] (mahogany) [darkwood] [birch]. Edge-banded and veneered on straight members. Curved members may have finger-jointed surfaces.
- Exterior surfaces are clad with extruded aluminum.
- Panel stiles and rails are three-ply construction, randomly finger-jointed blocks laminated with water-resistant gluing and veneered on both sides.
- Ends over 6” height have panel sides constructed with IWL core with finger-jointed edge bands on both sides and veneered on both faces.
- Corners are urethane-silicone hybrid sealed and secured with metal fasteners.
- Panel exterior profile is [clear] [pitted glaze]. Interior profile is ogee.

Weatherstripping
- Dual-duracore extruded polymer along jamb, head and sill.
- Poly-duracore extruded polymer rainscreen along top and sides of panel.
- Bifold rainscreen along bottom of panel.

Glazing System
- Quality fully-tempered float glass complying with ASTM C 498.
- Custom and high altitude glazing available.
- Use glassed 13/16” double seal insulating glass (clear) [obscure] ([narrow] Low-E) (Wide-Sun Low-E) with argon [Bronze] [green] (Advanced Low-E).
- Silicone-glassed 11 triple-pane, double seal insulating glass (Advanced Low-E) [SunDefend] (E) Low-E (Natural Sun Low-E) with [argon] (krypton).
- Impact-resistant urethane-glazed 7/16” dual seal impact-resistant insulating glass PVB Laminated clear exterior light. Tempered interior light in [Advanced Low-E] [clear] [green] (green) (Advanced Low-E with argon).
- Impact-resistant silicone-glassed double pane 13/16” dual seal non-impact laminated glass [clear] (E) Low-E with argon [Bronze] [green] [Advanced Low-E with argon].

Exterior
- Aluminum clad exteriors shall be finished with EnduraGuard protective finish, in a multi-step, baked-on finish.
- Color is [Standard] [custom].
- Aluminum clad exteriors shall be finished with EnduraClad Plus protective finish with 75% fluopolymer resin in a multi-step, baked-on finish.
- Color is [Standard] [custom].

Interior
- [Unfinished] (ready for site finishing) [factory primed with one coat acrylic latex] [factory primed with one coat acrylic latex] [factory primed with one coat acrylic latex].

Hardware
Hinges
- Adjustable hinges standard to assist in installation.
- Doors 6’10” to 7’0” frame height will have three (3) hinges.
- Doors over 7’0” frame height up to and including 8’0” frame height will have four (4) hinges.
- Doors over 8’0” frame height up to and including 9’0” frame height will have five (5) hinges.
- Doors over 9’0” frame height will have six (6) full hinges.
- Hinge color to match exterior cladding.

Locks
- Mortised and keyed multipoint locking system, center deadbolt and shoot-bolts at head and sill will engage simultaneously.
- Doors 8’0” frame height and below will have one (1) strike at the head, one (1) strike at the sill and one (1) center deadbolt.
- Doors over 8’0” frame height and up to and including 10’0” frame height will have one (1) strike at the head, one (1) strike at the sill and two (2) locking points at the side.
- Solid brass handles and keylock with K-keyway cylinders.
- Key cylinder finish is [Brass] (Stainless Steel] (Matte Black).

Finish
- Hardware finish is (Handle, Hinges and Strike) [baked enamel] (White) [Chromed/Brushed] (Matte Black) [PVD High Performance finish] (Bright Brass) (Satin Nickel) [Oil-Rubbed Bronze] (Antique Brass) [Distressed Bronze] (Distressed Nickel) (Polished Nickel) (Polished Chrome).

Optional Products
Grilles
- Integral Light Technology Grille
- Interior grilles are [5/8”][7/8”][1 1/4”] (2”) ogee profile that are solid [pine] [mahogany] [darkwood] [birch].
- Interior surfaces are [unfinished, ready for site finishing] factory primed [painted] (stain).
- Externally grilles are [5/8”] [7/8”] [1 1/4”] [2”] ogee profile that are extruded aluminum.
- Pattern is [Traditional] [Modern] [Top Row] [Crest] [New England] [Victorian].
- Insulating glass contains non-glare spacer between the panes of glass.
- Grilles are adhered to both sides of the insulating glass with VHB acrylic adhesive tape and aligned with spacer.

Camera Integrals
- Customer-camera ready)
- Insulating glass contains 3/4” insulating glass grilles permanently installed between two panes of glass (interior side) on triple-pane insulating glassing.
- Patterns are [Traditional] [Pénicard] [Top Row]
- Interior color is (White) [Tan] [Brown] [Black] (Morning Sky Grey) (Brown) (Sand Dune) (Honeymoon) (Cordovan) (Briarstone).
- Exterior color is [Standard] [custom].

Roomside Removable Grilles
- [3/4”][7/8”] [1 1/4”] [2”] [Colonial] [Regal] [1 1/4”][2”] [Colonial] [Regal] patterns that are removable solid pine wood bars sized and spaced at joints and fitted to sash with steel clips and latches.
- Interior [unfinished, ready for site finishing] factory primed [painted] (factory finished) [painted] (painted).
- Exterior [unfinished, ready for site finishing] factory primed [painted] (factory finished) matched to exterior claddings.

Sensors
- Optional factory installed integrated security sensors available in vent units.
### Size Tables

#### 6' 10" Single Doors and Sidelight

<table>
<thead>
<tr>
<th>Opening</th>
<th>1' 6&quot; x 8' 4&quot; (476)</th>
<th>2' 2 1/4&quot; x 8' 4&quot; (646)</th>
<th>2' 6 1/4&quot; x 8' 4&quot; (781)</th>
<th>2' 10 1/4&quot; x 8' 4&quot; (880)</th>
<th>3' 0 1/4&quot; x 8' 4&quot; (983)</th>
<th>3' 2 1/4&quot; x 8' 4&quot; (981)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>1' 6&quot;</td>
<td>2' 1 1/4&quot;</td>
<td>2' 6&quot;</td>
<td>2' 9 1/4&quot;</td>
<td>3' 0&quot;</td>
<td>3' 1 1/4&quot;</td>
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</table>

#### 6' 10" Double-Swing Doors

<table>
<thead>
<tr>
<th>Opening</th>
<th>4' 2 1/4&quot; x 8' 4&quot; (1289)</th>
<th>5' 0&quot; x 8' 4&quot; (1524)</th>
<th>5' 7&quot; x 8' 4&quot; (1702)</th>
<th>6' 0&quot; x 8' 4&quot; (1820)</th>
<th>6' 3 1/4&quot; x 8' 4&quot; (1924)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>4' 2&quot;</td>
<td>4' 11 1/2&quot;</td>
<td>5' 6 1/2&quot;</td>
<td>5' 11 1/2&quot;</td>
<td>6' 3&quot;</td>
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</tbody>
</table>

#### 7' 2" Single Doors and Sidelight

<table>
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<tr>
<th>Opening</th>
<th>1' 6&quot; x 8' 4&quot; (476)</th>
<th>2' 2 1/4&quot; x 8' 4&quot; (646)</th>
<th>2' 6 1/4&quot; x 8' 4&quot; (781)</th>
<th>2' 10 1/4&quot; x 8' 4&quot; (880)</th>
<th>3' 0 1/4&quot; x 8' 4&quot; (983)</th>
<th>3' 2 1/4&quot; x 8' 4&quot; (981)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>1' 6&quot;</td>
<td>2' 1 1/4&quot;</td>
<td>2' 6&quot;</td>
<td>2' 9 1/4&quot;</td>
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#### 7' 2" Double-Swing Doors

<table>
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<tr>
<th>Opening</th>
<th>4' 2 1/4&quot; x 8' 4&quot; (1289)</th>
<th>5' 0&quot; x 8' 4&quot; (1524)</th>
<th>5' 7&quot; x 8' 4&quot; (1702)</th>
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<th>6' 3 1/4&quot; x 8' 4&quot; (1924)</th>
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</thead>
<tbody>
<tr>
<td>Frame</td>
<td>4' 2&quot;</td>
<td>4' 11 1/2&quot;</td>
<td>5' 6 1/2&quot;</td>
<td>5' 11 1/2&quot;</td>
<td>6' 3&quot;</td>
</tr>
</tbody>
</table>

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Not to scale.

Traditional grille patterns shown. Refer to CladWood Overview section for additional patterns and profiles.

All doors and sidelights are glazed with tempered glass.

For windows and patio doors with impact-resistant glass, see product instructions or refer to local building code requirements.

Single doors - Left-hand shown, right-hand and fixed are available.

Double-doors - Active-Passive shown. Passive-Active also available.

For Wood Units Only:

To determine overall dimensions when using Pella 1-7/8" bimetallic, add 1/4" to frame height and 3/16" to frame width. When using Pella 3/4" bimetallic, add 6/51" to frame width and 3/16" to frame height.

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Integral Light Technology

Putty and Ogee Glaze Grilles
Clad Exterior - Wood Interior

5/8" ILT
7/8" ILT
1 1/4" ILT

Putty and Ogee Glaze Grilles
Wood Exterior - Wood Interior

5/8" ILT
7/8" ILT
1 1/4" ILT

Ogee Glaze Grilles
Clad Exterior - Wood Interior

7/8" ILT
1 1/4" ILT
2" ILT

Contoured Aluminum -
Grilles-Between-the-Glass

3/4" Contoured
GBG
3/4" Contoured
GBG

Removable Interior Pine Grilles

3/4" Traditional
RMB
1 1/4" Traditional
RMB
2" Traditional
RMB
1 1/4" Colonial
RMB
2" Colonial
RMB

Interior wood ILT grilles available in Pine, Mahogany or Douglas Fir to match complete unit.
Exterior wood ILT grilles available in Pine or Mahogany to match complete unit.
Interior Integral Light Technology Grilles are Available in Pine, Mahogany or Douglas Fir to match complete unit.
Frame

- Select softwood, immersion treated with Pell's EndurA Guard® wood protection formula in accordance with YMDA L1-4. The EndurA Guard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are clear pine.
- Exterior surfaces are clad with aluminum.
- Components are assembled with screws, staples and concealed corner locks.
- Overall frame depth is 3" (77 mm) for a wall depth of 3-1/16" (94 mm).
- Jambs liner shall be high-impact polystyrene chloride backed by continuous hard-tempered aluminum siding.
- Optional factory applied jambs extensions are available.
- Optional factory installed fold-out installation lugs with flexible tie corners.
- Optional factory-applied EnduraClass® exterior trim.

Sash

- Select softwood, immersion treated with Pell's EndurA Guard® wood protection formula in accordance with YMDA L1-4. The EndurA Guard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are clear pine.
- Exterior surfaces are clad with aluminum, lap-jointed and sealed.
- Corners mitered and tenoned, glued and secured with metal tenons.
- Sash thickness is 1-5/8" (41 mm).
- Frames fit for easy cleaning.

Weatherstripping

- Foam with 3 mm skin at head and bottom rail. Thermal-plastic elastomer bulbs with slip-casting set on upper sash for tight contact at check rail.
- Secondary polyurethane foam weatherstripping on bottom sash at sill.
- Jams liner to seal against sites of sash.

Glazing System

- Quality float glass complying with ASTM C 1033.
- High altitude glazing available.
- Silicone groove-gasket 1/16" (1.6 mm) dual seal insulating glass [unsanded [tempers] [Advanced Low-E] [SunDefence™ Low-E] [Advanced Comfort] [NeutralSun Low-E] with argon].

Exterior

- Exterior aluminum surfaces are finished with EnduraClass® protective finish, in a multi-step baked-enamal finish.
- Color is [White][Tan][Putty][Brown][Popular White][Porcelain][Bristlecone][Black][Putty][Brown][Harvest][Cocobow].

Interior

- [Unfinished, ready for site finishing][factory primed with one coat acrylic latex][factory prefinished][White][Linoleum White][Bright White][Stain].

Hardware

- Galvanized black-steel balances are screwed to start with a polymer cord and concealed within the frame.
- Factory-installed self-aligning sash-mounted sash lock. Two sash locks on units with frame width 33-1/4" and greater.
- Optional Sash Lift furnished for field installation. Two lifts on units with frame width 33-1/4" and greater.
- Finish is [baked enamel][Champagne][[White][Brown][Matte Black][Oil Rubbed Bronze][Satin Nickel].
- Champagne locks are standard on unfinished units; White locks are standard on factory prefinished white units.

Optional Products

- Simulated Divided Light (with optional spacer)
- 7/8" Grilles permanently bonded to the interior and exterior of glass.
- Patterns: [Traditional][Trans][Cross][Door-View][Custom - Equally Divided].
- Interior surfaces are [unfinished, ready for site finishing][factory primed] [pines: factory prefinished][White][Linoleum White][Bright White][Stain]. Exterior grilles to match the exterior cladding color.
- Available only on units glazed with Low-E insulated glass with argon.

- Grill-Between-the-Glass
- Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
- Patterns are [Traditional][Trans][Top Row][Custom - Equally Divided].
- Interior color is [White][Tan][Bisque][Black][Putty][Brown][Harvest][Cocobow].
- Exterior color is matched to the exterior cladding color [White].

- Recessed Removable Grilles
- 3/4" [Traditional][Trans][Custom - Equally Divided] removable solid pine wood bars steel pinned at joints and fastened with steel clips and tacks.
- Interior [unfinished, ready for site finishing][factory primed] [pines: factory prefinished][White][Linoleum White][Bright White][Stain].
- Exterior [unfinished, ready for site finishing][factory primed][factory prefinished, finish color matched to exterior cladding color][White].

- Screens
- InView™ screens
- Full-size VDP/211/7 mesh, minimum 28 percent light transmission screen, set in aluminum frame fitted to outside of window, supplied complete with all necessary hardware.
- Screen frame finish is baked enamel, color to match window cladding.

- ViewView™ screens
- Full-size VDP/211/7 mesh, minimum 28 percent light transmission screen, set in aluminum frame fitted to outside of window, supplied complete with all necessary hardware.
- Screen frame finish is baked enamel, color to match window cladding.

- Hardware
- Optional factory applied limited opening device available for vent units in steel, normal 3-1/4" opening.
- Optional window opening control device available for field installation. Device allows window to open less than 4" with normal operation, with a release cord to return window to open or up position quickly, compliant with ASTM F2000-10.

- Sensors
- Optional factory installed integrated security sensor available in vent units.

(1) Contact your local Pella sales representative for current design and color options.
(2) Available on units glazed with Low-E insulated glass with argon, and obscure insulated glass.
(3) Tan, brown and putty interior QBG colors are available only with matching interior and exterior colors.
(4) Appearance of exterior grille color will vary depending on Low-E coating on glass.
## Vent Units

<table>
<thead>
<tr>
<th>Opening</th>
<th>Frame</th>
<th>1'9&quot;</th>
<th>2'1&quot;</th>
<th>2'5&quot;</th>
<th>2'9&quot;</th>
<th>3'1&quot;</th>
<th>3'5&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>1'9&quot;</td>
<td>9 3/4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2'1&quot;</td>
<td>12 1/4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2'5&quot;</td>
<td>5 1/4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>2'9&quot;</td>
<td>9 3/4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3'1&quot;</td>
<td>13 1/4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3'5&quot;</td>
<td>6 7/4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Egress Notes:

Check all applicable local codes for emergency egress requirements.

- **E**: Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².
- **E1**: Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

See Design Data pages in this section for clear opening dimensions.

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Not to scale.

(1) Simulated divided lights are available in traditional patterns only.

Traditional grille patterns shown.

Grille patterns shown will align with grilles-between-the-glass on companion units.
# Lifestyle Series Double-Hung

Size Tables - Fixed and Transoms with GBG's and SDL's

## Transoms

<table>
<thead>
<tr>
<th>Opening</th>
<th>1' 0 3/4&quot;</th>
<th>2' 0 3/4&quot;</th>
<th>2' 0 7/8&quot;</th>
<th>2' 1 1/4&quot;</th>
<th>2' 9 3/8&quot;</th>
<th>3' 0 3/4&quot;</th>
<th>3' 6 3/8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>2' 0 3/4&quot;</td>
<td>2' 0 3/4&quot;</td>
<td>2' 0 3/4&quot;</td>
<td>2' 0 3/4&quot;</td>
<td>2' 0 3/4&quot;</td>
<td>2' 0 3/4&quot;</td>
<td>2' 0 3/4&quot;</td>
</tr>
</tbody>
</table>

## Fixed Units

<table>
<thead>
<tr>
<th>Opening</th>
<th>3' 0 3/8&quot;</th>
<th>3' 0 7/8&quot;</th>
<th>4' 0 3/8&quot;</th>
<th>4' 0 7/8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frame</td>
<td>3' 0 3/8&quot;</td>
<td>3' 0 3/8&quot;</td>
<td>4' 0 3/8&quot;</td>
<td>4' 0 3/8&quot;</td>
</tr>
</tbody>
</table>

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Not to scale.

Tracritical grille patterns shown.

Grille patterns shown will align with grille-between-the-glass on companion units.
Grille Profiles

Simulated-Divided-Light Grilles

Simulated-Divided-Light Grilles with optional spacer

Roomside Removable Grilles

Grilles-Between-the-Glass

Grille Patterns

Grilles-Between-the-Glass and Simulated-Divided-Light Grilles

9-Lite Prairie
- Standard corner lite dimension for Prairie pattern = 2-1/2" VG.
- Available in transom a 1/3" height and width.

Cross
- Minimum SH-frame height 15".
- Horizontal bar will be at 5/8" of the VG height of the top sash.

Top Row
- Minimum SH-frame height 11/8".
- Horizontal bar will be at 5/8" of the VG height of the top sash.

For traditional patterns, see size tables.

VG = Visible Glass
G = Grilles are available in traditional patterns only.
Lite dimensions noted can vary.
For size and pattern availability contact your local Pella sales representative.
Frame
- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDWA 15. - E. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mildew and mold. An additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [clear pine] [mahogany] standard rectangular windows only. Any curved member may have visible finger jointed surfaces.
- Exterior surfaces are [pine] [mahogany]
- Overall frame depth is 4-3/8” (111mm) for a wall depth of 4-3/16” (106mm).
- Vinyl Jamb liner includes wood / clad inserts.
- Optional factory applied jamb extensions available between 4-5/16” (110mm) interior to 6-1/4” (159mm) exterior.

Sash
- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDWA 15. - E. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mildew and mold. An additional ingredient adds protection against termite damage.
- Interior exposed surfaces are [clear pine] [mahogany] standard rectangular windows only. Any curved member may have visible finger jointed surfaces.
- Exterior surfaces are [pine] [mahogany]
- Sash exterior profile is putty glass, interior profile is cellular
- Corners (mortised and tenoned on rectangular units) instead on head units, glued and secured with metal fasteners.
- Sash thickness is 1-3/8” (47mm).
- Sash latches have concealed wash locks in lower corner rail.
- Sash is made for easy cleaning.
- Simulated-Hung units have non-operable upper and lower sashes.

Weatherstripping
- Waterstop scavenger wrapped foam at head and sill. Thermoplastic elastomer bulb with snap-setting into lower sash for light contact at check rail.
- Vinyl foam inserted into jamb liner to seal against sides of sash.

Glazing System
- Quality float glass complying with ASTM C 1036.
- Custom and high altitude glazing available.
- Silicone-glazed 11/16” dual-seal sealing glass [clear][tempered] [clear] [Low-E][SunDefence® Low-E][AdvancedComfort®][Natural Sun Low-E] with argon [Bronze][gray][green][Advanced Low-E with argon].
- Exterior [Pine: factory finished with two coats acrylic latex base] [Mahogany: factory painted with one coat acrylic latex] [Unfinished, ready for site finishing].

Interior
- [Unfinished, ready for site finishing] [Factory prefinished with one coat acrylic latex][pine: factory prefinished] [oak: unfinished, ready for site finishing].

Hardware
- Galvanized thin-steel balance is connected to self-locking balance shoe which is connected to the sash using zinc die cast terminals and concealed within the frame.
- Sash lock is [standard] [thrown][throw][thrown optional][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown][thrown]
Pella Reserve™ Traditional Hung Window

Size Tables - Equal Sash

**Fixed Transoms**

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<th>2' 11 3/4&quot;</th>
<th>2' 5 1/4&quot;</th>
<th>2' 8 1/4&quot;</th>
<th>3' 3 3/4&quot;</th>
<th>3' 8 3/4&quot;</th>
<th>3' 9 3/4&quot;</th>
<th>4' 3 3/4&quot;</th>
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<tbody>
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<td>Height</td>
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<td>2' 11 3/4&quot;</td>
<td>2' 5 1/4&quot;</td>
<td>2' 8 1/4&quot;</td>
<td>3' 3 3/4&quot;</td>
<td>3' 8 3/4&quot;</td>
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**Vented Units**

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<tbody>
<tr>
<td>Height</td>
<td>2' 11 3/4&quot;</td>
<td>2' 8 1/4&quot;</td>
</tr>
</tbody>
</table>

Pella Reserve single-hung windows are available in shapes shown above, and additional custom shapes per drawing. For specifications, size limitations, and details on these units, contact your local Pella sales representative.

**Opening Dimensions**

**Clad Exterior Units:**
Dimensions shown in standard size tables are rough opening dimensions.

**Wood Exterior Units:**
Use frame dimensions plus dimensions below. This dimension includes the use of standard 1-1/8" wood subills.

<table>
<thead>
<tr>
<th>Frame</th>
<th>Rough</th>
<th>Masonry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brickmould</td>
<td>Width</td>
<td>Height</td>
</tr>
<tr>
<td>STD</td>
<td>+ 3/8&quot;</td>
<td>+ 1-1/8&quot;</td>
</tr>
<tr>
<td>3-1/2&quot;</td>
<td>+ 3/8&quot;</td>
<td>+ 1-1/8&quot;</td>
</tr>
</tbody>
</table>

For clad and wood units with insect-resistant glaze, see the product installation instructions or refer to local building code requirements.

**Egress Notes:**
Check all applicable local codes for emergency egress requirements.

- **E** = Window meets minimum clear opening of 24" height, 26" width, and 5.7 ft.

- **E1** = Window meets minimum clear opening of 24" height, 26" width, and 5.0 ft.

See Design Data pages in this section for clear opening dimensions.

Clear opening (egress) information does not take into consideration the addition of a Holoscreen (or any other accessory) to the product. You should consult your local building code to ensure products with Holoscreens meet egress requirements.

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Not to scale.

Traditional grille patterns shown. Refer to Grille Type section for additional patterns and profiles.

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W-HG-12
Integral Light Technology® Grilles

Ogee Grilles
Clad Exterior - Wood Interior

Putty Glaze and Ogee Grilles
Clad Exterior - Wood Interior

Putty Glaze and Ogee Grilles
Wood Exterior - Wood Interior

Roomside Removable Grilles

3/4" Regular 1 1/4" Regular 2" Regular 1 1/4" Colonial 2" Colonial

Grilles-Between-the-Glass

3/4" Contoured Grille

Interior wood IGT grilles available in Pine, Mahogany or Douglas Fir to match complete unit.
Exterior wood IGT grilles available in Pine or Mahogany to match complete unit.
Features

Fypon offers a diverse assortment of decorative, non-venting and functional, venting louvers to complement most architectural home styles. Decorative louvers feature a solid, one-piece design that does not allow air to pass through. Functional louvers are designed to provide additional ventilation, with angled slats and screening to help protect interiors from the elements.

- Backed by a lifetime limited warranty.
- Low maintenance.
- Moisture- and insect-resistant.
Proposed Scope of Work

- Remove (2) double hung windows, lower sills for (2) French doors.
- Provide (2) double hung windows, patch siding/trim.
- Remove door.
- Enclose covered porch/entry with new French door.
- Add oeil panel trim detail in lieu of transoms.
- Remove windows close with siding to building.
PROPOSED SCOPE OF WORK

PAGE 3/3
Municipality Letter for
Proposed Construction Project

Subject Property: 29 West Irving Street, Chevy Chase, MD 20815
Property Owner: Allison & Peter McDonnell
Project Manager/Contractor: Case Design
Proposed Work: Interior renovations; enclose rear landing

7/7/21

Mira Pedoeem, Director
Department of Permitting Services of Montgomery County
255 Rockville Pike, 2nd floor
Rockville, MD 20850

Dear Ms. Pedoeem,

This letter is to inform your department that the above homeowner/contractor has notified Chevy Chase Village that he or she plans to apply for both county and municipal permits for the above summarized construction project. Chevy Chase Village will not issue any municipal building permit(s) for this proposed project until Montgomery County has issued all necessary county permits and the applicant has provided Chevy Chase Village with copies of county-approved and stamped plans. We have advised the homeowner/contractor that a permit from Montgomery County does not guarantee a permit from this municipality unless the project complies with all our municipal rules and regulations.

If this homeowner/contractor later applies for an amended county permit, please do not approve that application until you have received a Municipality Letter from us indicating that the homeowner/contractor has notified us of that proposed amendment to the permit.

If you have any questions about this proposed project and the municipal regulation of it by Chevy Chase Village, do not hesitate to have your staff contact my office. The Village Permitting Coordinator can be reached by phone at 301-654-7300 or by e-mail at cvvpermitting@montgomerycountymd.gov.

Sincerely,

Shana R. Davis-Cook
Chevy Chase Village Manager