



HISTORIC PRESERVATION COMMISSION

Marc Elrich
County Executive

Robert K. Sutton
Chairman

Date: October 29, 2021

MEMORANDUM

TO: Mitra Pedoeem
Department of Permitting Services

FROM: Michael Kyne
Historic Preservation Section
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit # 953229 REVISION: Fenestration alterations and alterations to the rear elevation.

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 October 27, 2021 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: Allison and Peter McDonnell (Case Design & Remodeling, Agent)
Address: 29 West Irving Street, Chevy Chase

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 Michael Kyne at 301.563.3403 or michael.kyne@montgomeryplanning.org to schedule a follow-up site visit.





**APPLICATION FOR
HISTORIC AREA WORK PERMIT**
HISTORIC PRESERVATION COMMISSION
301.563.3400

FOR STAFF ONLY:
HAWP# _____
DATE ASSIGNED _____

APPLICANT:

Name: Allison and Peter McDonnell E-mail: allison.mcdonnell@gmail.com
Address: 29 West Irving Street City: Chevy Chase Zip: 20815
Daytime Phone: 202-320-6488 Tax Account No.: _____

AGENT/CONTACT (if applicable):

Name: Case Design /Remodeling E-mail: smatus@casedesign.com
Address: 4701 Sangamore Rd NP 40 City: Bethesda Zip: 20816
Daytime Phone: 240-235-9764 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 Plat, 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:

- | | | |
|---|--|--|
| <input type="checkbox"/> New Construction | <input type="checkbox"/> Deck/Porch | <input type="checkbox"/> Shed/Garage/Accessory Structure |
| <input type="checkbox"/> Addition | <input type="checkbox"/> Fence | <input type="checkbox"/> Solar |
| <input type="checkbox"/> Demolition | <input type="checkbox"/> Hardscape/Landscape | <input type="checkbox"/> Tree removal/planting |
| <input type="checkbox"/> Grading/Excavation | <input type="checkbox"/> Roof | <input checked="" type="checkbox"/> Window/Door |
| | | <input checked="" type="checkbox"/> Other: <u>enclose covered rear porch/landing</u> |

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]* 7/6/2021
Signature of owner or authorized agent Date

REVIEWED
By Michael Kyne at 2:36 pm, Oct 29, 2021

APPROVED
Montgomery County
Historic Preservation Commission

[Signature]

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

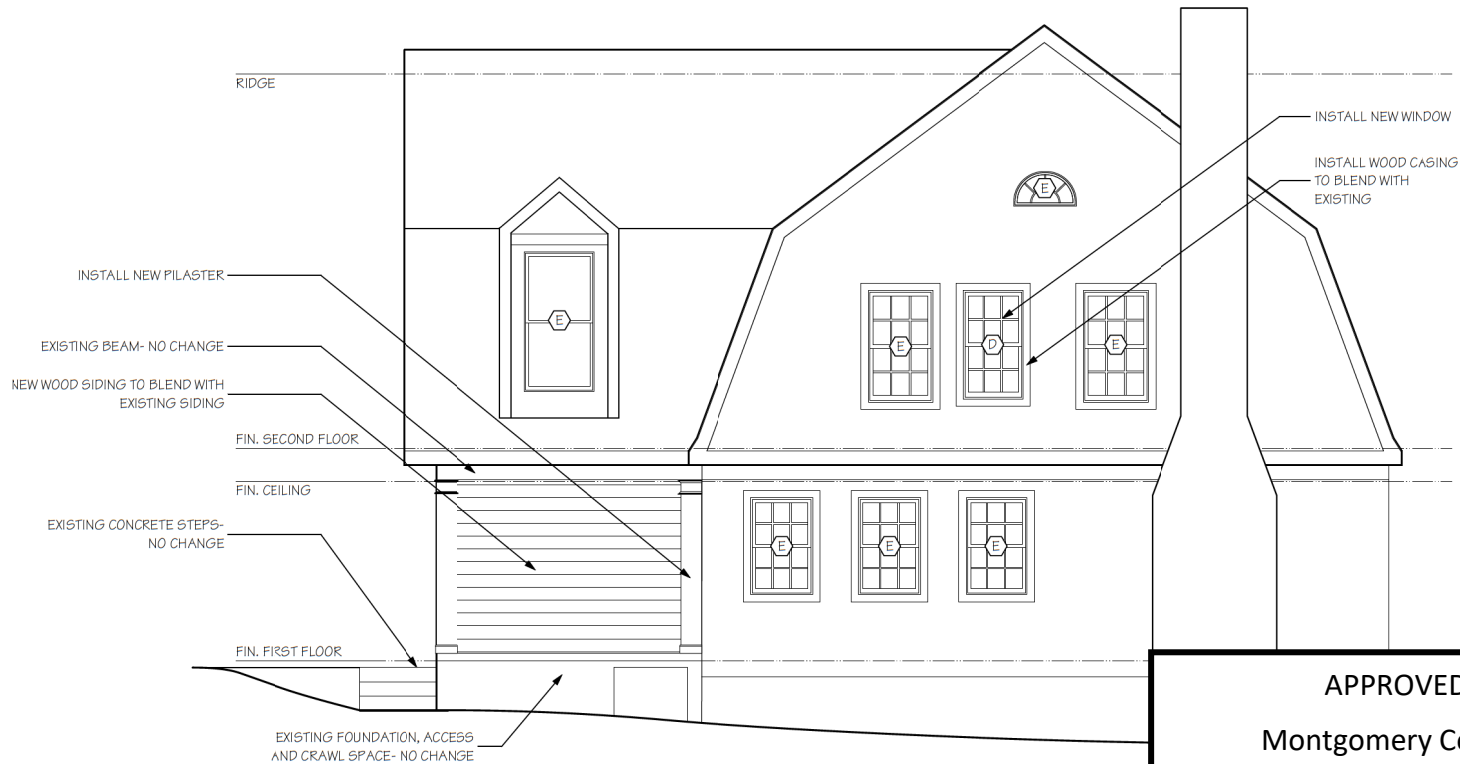
| | |
|--|---|
| <p>Owner's mailing address</p> <p>29 West Irving Street Chevy Chase, Maryland 20815</p> | <p>Owner's Agent's mailing address</p> <p>4701 Sangamore Rd NP 40 Bethesda, Maryland 20816</p> |
| <p align="center">Adjacent and confronting Property Owners mailing addresses</p> | |
| <p>Aaron and Charlotte Kramer 27 West Irving Street Chevy Chase, Maryland 20815</p> | <p>Robert and Judith Rovner 31 West Irving Street Chevy Chase, Maryland 20815</p> |
| <p>Francisco and Donna Arbide 26 West Kirke Street Chevy Chase, Maryland 20815</p> | <p>Donna Evers 28 West Kirke Street Chevy Chase, Maryland 20815</p> |
| <p>Anthony Marra 30 West Kirke Street Chevy Chase, Maryland 20815</p> | |

REVIEWED
By Michael Kyne at 2:36 pm, Oct 29, 2021

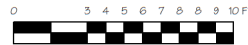
APPROVED
 Montgomery County
 Historic Preservation Commission



WHAT HAS BEEN APPROVED



1/A09 Proposed Left Side Exterior Elevation
Scale: 1/4" = 1'-0"



REVIEWED

By Michael Kyne at 2:37 pm, Oct 29, 2021

APPROVED
Montgomery County
Historic Preservation Commission

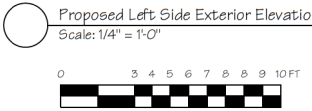


McDonnell Residence
 29 W Irving St Chevy Chase, MD 20815

OPTION A

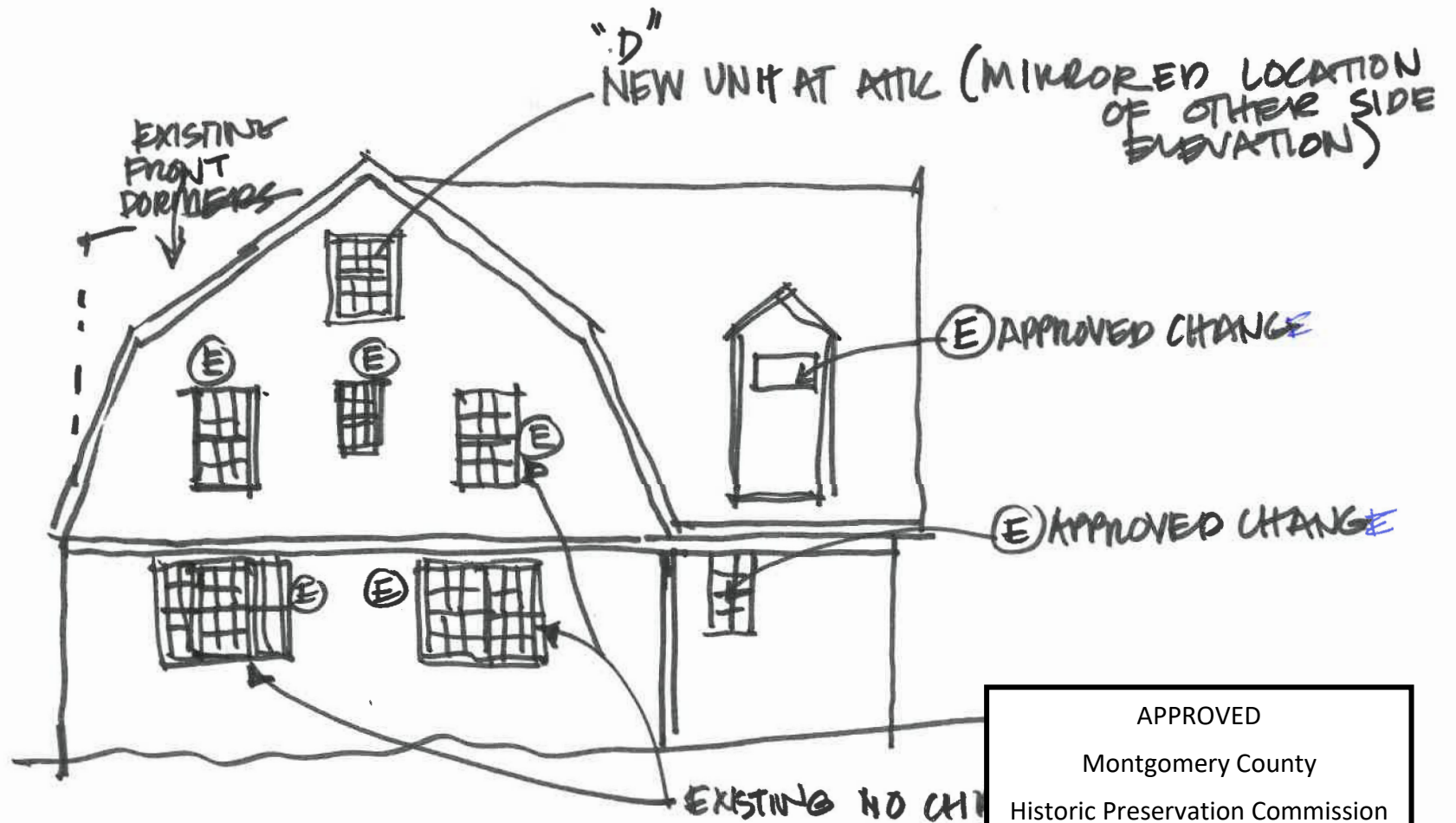


REVIEWED
 By Michael Kyne at 2:37 pm, Oct 29, 2021



APPROVED
 Montgomery County
 Historic Preservation Commission

McDonnell Residence
 29 W Irving St Chevy Chase, MD 20815



REVIEWED SIDE ELEVATION
 By Michael Kyne at 2:37 pm, Oct 29, 2021

APPROVED
 Montgomery County
 Historic Preservation Commission

Robert A. [Signature]



Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard 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 5" (127 mm) for a wall depth of 3-11/16" (94mm).
- Jamb liner shall be high-impact polyvinyl chloride backed by continuous hard-tempered aluminum springs.
- Optional factory applied jamb extensions are available.
- Optional factory installed fold-out installation fins with flexible fin corners.
- Optional factory-applied EnduraClad® exterior trim.

Sash

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard 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 mortised and tenoned, glued and secured with metal fasteners.
- Sash thickness is 1-5/8" (41 mm).
- Sashes tilt for easy cleaning.

Weatherstripping

- Foam with 3 mm skin at head and bottom rail. Thermal-plastic elastomer bulb with slip-coating set into upper sash for tight contact at check rail.
- Secondary polyvinyl chloride leaf-type weatherstrip on bottom sash at sill.
- Jamb liner to seal against sides of sash.

Glazing System

- Quality float glass complying with ASTM C 1036.
- High altitude glazing available.
- Silicone groove-glazed 11/16" [obscure] dual-seal insulating glass [[annealed] [tempered]] [[Advanced Low-E] [SunDefense™ Low-E] [AdvancedComfort] [NaturalSun Low-E] with argon].

Exterior

- Exterior aluminum surfaces are finished with EnduraClad® protective finish, in a multi-step, baked-on finish.
- Color is [White] [Tan] [Putty] [Brown] [Poplar White] [Portobello] [Hartford Green] [Morning Sky Gray] [Brick Red] [Black].

Interior

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

Hardware

- Galvanized block-and-tackle balances are connected to sash with a polyester cord and concealed within the frame.
- Factory installed self-aligning surface-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

Grilles

- Simulated-Divided-Light [with optional spacer]
 - 7/8" Grilles permanently bonded to the interior and exterior of glass.
 - Patterns are [Traditional] [Prairie] [Cross] [Top Row] [Custom - Equally Divided].
 - Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [White] [Linen White] [Bright White] [stain,]]. Exterior grilles to match the exterior cladding color.
 - Available only on units glazed with Low-E insulated glass with argon.
 - or -
- Grilles-Between-the-Glass²
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
 - Patterns are [Traditional] [9-Lite Prairie] [Top Row] [Custom - Equally Divided].
 - Interior color is [White] [Ivory] [Tan] [Brickstone] [Black] [Putty³] [Brown³] [Harvest] [Cordovan].
 - Exterior color [matched to the exterior cladding color] [White]⁴.
 - or -
- Roomsider Removable Grilles
 - 3/4" [Traditional] [Custom - Equally Divided] removable solid pine wood bars steel-pinned at joints and fitted to sash with steel clips and tacks.
 - Interior [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [White] [Linen White] [Bright White] [stain,]].
 - Exterior [unfinished, ready for site finishing] [factory primed] [factory prefinished, finish color matched to exterior cladding] [White]⁴.

Screens

- InView™ screens
 - Full-size Vinyl-coated 18/18 mesh fiberglass screen cloth complying with the performance requirements of SMA 1201, 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.
 - or -
- Vivid View® screens
 - Full-size PVDF 21/17 mesh, minimum 78 percent light transmissive 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, nominal 3-3/4" opening.
- Optional window opening control device available for field installation. Device allows window to open less than 4" with normal operation, with a release mechanism that allows the sash to open completely. Complies with ASTM F2090-10.

Sensors

- Optional factory installed integrated security sensors available in vent units.

(1) Contact your local Pella sales representative for current designs 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 GBG 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.

REVIEWED
 By Michael Kyne at 2:36 pm, Oct 29, 2021

APPROVED
 Montgomery County
 Historic Preservation Commission





Vent Units

| | (552) (533) | (654) (635) | (755) (737) | (857) (838) | (959) (940) | (1060) (1041) |
|------------------|----------------|----------------|----------------|----------------|----------------|------------------|
| Opening | 1' 9 3/4" | 2' 1 3/4" | 2' 5 3/4" | 2' 9 3/4" | 3' 1 3/4" | 3' 5 3/4" |
| Frame | 1' 9" | 2' 1" | 2' 5" | 2' 9" | 3' 1" | 3' 5" |
| (908) (889) | | | | | | |
| (1060) (1041) | | | | | | |
| (1213) (1194) | | | | | | |
| (1365) (1346) | | | | | | |
| (1467) (1448) | | | | | | |
| (1577) (1499) | | | | | | |
| (1670) (1651) | | | | | | |
| (1822) (1803) | | | | | | |
| (1975) (1956) | | | | | | |

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.

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.

REVIEWED
 By Michael Kyne at 2:36 pm, Oct 29, 2021

APPROVED
 Montgomery County
 Historic Preservation Commission



Transoms

| | (552) (533) | (654) (635) | (755) (737) | (857) (838) | (959) (940) | (1 060) (1 041) |
|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|
| Opening | 1' 9 3/4" | 2' 1 3/4" | 2' 5 3/4" | 2' 9 3/4" | 3' 1 3/4" | 3' 5 3/4" |
| Frame | 1' 9" | 2' 1" | 2' 5" | 2' 9" | 3' 1" | 3' 5" |
| (374) (366) | | | | | | |
| (451) (432) | | | | | | |
| (652) (633) | | | | | | |
| (654) (635) | | | | | | |
| (756) (737) | | | | | | |

Fixed Units

| | (1 060) (1 041) | (1 213) (1 194) | (1 365) (1 346) | (1 517) (1 499) |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Opening | 3' 5 3/4" | 3' 11 3/4" | 4' 5 3/4" | 4' 11 3/4" |
| Frame | 3' 5" | 3' 11" | 4' 5" | 4' 11" |
| (908) (889) | | | | |
| (1 060) (1 041) | | | | |
| (1 213) (1 194) | | | | |
| (1 365) (1 346) | | | | |
| (1 467) (1 448) | | | | |

| | (1 060) (1 041) | (1 213) (1 194) | (1 365) (1 346) | (1 517) (1 499) |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Opening | 3' 5 3/4" | 3' 11 3/4" | 4' 5 3/4" | 4' 11 3/4" |
| Frame | 3' 5" | 3' 11" | 4' 5" | 4' 11" |
| (1 517) (1 499) | | | | |
| (1 670) (1 651) | | | | |
| (1 822) (1 803) | | | | |

Not to scale.
Traditional grille patterns shown.
Grille patterns shown will align with grilles-between-the-glass on companion units.

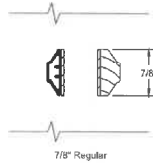
REVIEWED
By Michael Kyne at 2:36 pm, Oct 29, 2021

APPROVED
Montgomery County
Historic Preservation Commission

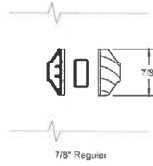


Grille Profiles

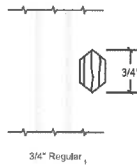
Simulated-Divided-Light Grilles



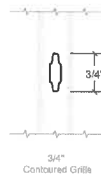
Simulated-Divided-Light Grilles with optional spacer



Roomside Removable Grilles



Grilles-Between-the-Glass

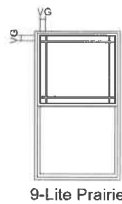


Grille Patterns

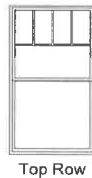
Grilles-Between-the-Glass and Simulated-Divided-Light Grilles



9-Lite Prairie



9-Lite Prairie Top Sash Only



Top Row



Cross

9-Lite Prairie
- Standard corner lite dimension for Prairie patterns = 2-1/2" VG.
- Available in transoms ≥ 1'3" height and width.

Cross
- Minimum DH frame height 35".
- Horizontal bar will be at 1/2" of the VG height of the top sash.

Top Row
- Minimum DH frame height 35".
- Horizontal bar will be at 1/2" of the VG height of the top sash.

For traditional patterns, see size tables.

VG = Visible Glass
(1) Grilles are available in traditional patterns only.
Lite dimensions noted can vary.
For size and pattern availability contact your local Pella sales representative.

REVIEWED
By Michael Kyne at 2:36 pm, Oct 29, 2021

APPROVED
Montgomery County
Historic Preservation Commission



Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard 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] [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) and 9-3/16" (233mm).

Sash

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard 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] [mahogany] (standard rectangular windows only). Any curved member may have visible finger-jointed surfaces.
- Exterior surfaces are [pine] [mahogany].
- Sash exterior profile is putty glaze, interior profile is ogee.
- Corners [mortised and tenoned on rectangular units] [mitered on arch head units], glued and secured with metal fasteners.
- Sash thickness is 1-7/8" (47mm).
- [Double-Hung: Upper sash has surface-mounted wash locks] [Single-Hung: Fixed upper sash has surface-mounted wash locks] [Arch Head units have no wash locks].
- Lower sash has concealed wash locks in lower check rail.
- Sashes tilt in for easy cleaning.
- Simulated-Hung units have non-operable upper and lower sashes.

Weatherstripping

- Water-stop santoprene-wrapped foam at head and sill. Thermoplastic elastomer bulb with slip-coating set into lower sash for tight contact at check rail.
- Vinyl-wrapped 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 insulating glass [[annealed] [tempered]] [[clear] [[Advanced Low-E] [SunDefense™ Low-E] [AdvancedComfort] [NaturalSun Low-E] with argon]] [[bronze] [gray] [green] [Advanced Low-E with argon]].

Exterior

- [Pine: factory primed with one coat acrylic latex] [Mahogany: factory primed with one coat acrylic latex] [Unfinished, ready for site finishing].

Interior

- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [pine: factory prefinished [paint] [stain]].

Hardware

- Galvanized block-and-tackle balances are connected to self-locking balance shoes which are connected to the sashes using zinc die cast terminals and concealed within the frame.
- Sash lock is [standard (cam-action)] [historic spoon-style] [air-conditioner lock] [simulated lock (Single-piece lock ties upper and lower sash together. When removed lower sash becomes operable)]. Two sash locks on units with frame width 37" and greater.
- Optional sash lift furnished for field installation. Two lifts on units with frame width 37" and greater.
- Hardware finish is [baked enamel [Champagne] [White] [Brown] [Matte Black]] [bright brass] [satin nickel] [oil-rubbed bronze] [antique brass] [distressed bronze] [distressed nickel]].

Optional Products

Grilles

- Integral Light Technology® grilles
 - Interior grilles are solid [5/8"] [7/8"] [1-1/4"] ogee profile that are solid [pine] [mahogany]. Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [paint] [stain]].
 - Exterior grilles are solid [5/8"] [7/8"] [1-1/4"] putty glaze profile that are [pine] [mahogany]. Exterior surfaces are water repellent, preservative-treated in accordance with WDMA I.S.-4, and are [unfinished, ready for site finishing] [factory primed].
 - Patterns are [Traditional] [Prairie] [Top Row] [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 the non-glare spacer
 - or -
- Grilles-Between-the-Glass²
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
 - Patterns are [Traditional] [9-Lite Prairie] [Cross] [Top Row]
 - Interior color is [White] [Tan³] [Brown³] [Putty³] [Black] [Morning Sky Gray] [Ivory] [Sand Dune] [Harvest] [Cordovan] [Brickstone].
 - Exterior color is [standard]¹.
 - or -

Roomside Removable grilles

- [[3/4"] [1-1/4"] [2"] regular] [[1-1/4"] [2"] colonial] profile, with [Traditional] [Prairie] patterns that are removable solid pine wood bars steel-pinned at joints and fitted to sash with steel clips and tacks.
- Interior [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [paint] [stain]].
- Exterior [unfinished, ready for site finishing] [factory primed].

Screens

- InView™ Screens
 - [Half-Size] [Full-Size⁴] black vinyl-coated 18/18 mesh fiberglass screen cloth complying with the performance requirements of SMA 1201, set in a [standard roll-form aluminum frame with 3/4" wide rails and stiles] [premium extruded aluminum frame with 1" wide rails and stiles] fitted to outside of window, supplied complete with all necessary hardware.
 - Full screen spreader bar placed on units > 37" width or > 65" height.
 - Insect screen frame finish is baked enamel.
 - or -

Vivid View® Screens⁶

- [Half-Size] [Full-Size] PVDF 21/17 mesh, minimum 78 percent light transmissive screen, set in a [standard roll-form aluminum frame with 3/4" wide rails and stiles] [premium extruded aluminum frame with 1" wide rails and stiles] fitted to outside of window, supplied complete with all necessary hardware.
- Full screen spreader bar placed on units > 37" width or > 65" height.
- Insect screen frame finish is baked enamel.

Hardware

- Optional factory applied limited opening device available for vent units in stainless steel; nominal 3-3/4" opening. Limiting device concealed from view.
- Optional factory applied window opening control device. Device allows window to open less than 4" with normal operation, with a release mechanism that allows the sash to open completely. Complies with ASTM F2090-10.

Sensors

- Optional factory installed integrated security sensors available in vent units.

(1) Contact your local Pella sales representative for current designs and color options.
 (2) Available in clear or Low-E insulating glass with argon, and obscure insulated glass.
 (3) Tan, Brown and Putty Interior GBG colors are available in single-tone (Brown/Brown, Tan/Tan or Putty/Putty). Other interior colors are also available with Tan or Brown exterior.
 (4) Full screens are available on units ≤ 96" height.
 (5) Appearance of exterior grille color will vary depending on Low-E coating on glass.
 (6) Vivid View screen is not available when frame height is > 84" or when both frame width and frame height are > 48".

REVIEWED
 By Michael Kyne at 2:36 pm, Oct 29, 2021

APPROVED
 Montgomery County
 Historic Preservation Commission

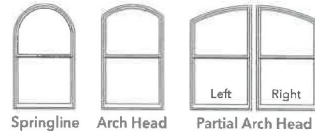




Size Tables - Equal Sash

| Fixed Transoms | | (552) | (654) | (756) | (857) | (959) | (1 060) | (1 162) | (1 238) | |
|----------------|-----------|----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|--|
| | | (533) | (635) | (737) | (838) | (940) | (1 041) | (1 143) | (1 219) | |
| Opening | 1' 9 3/4" | 2' 13/4" | 2' 5 3/4" | 2' 9 3/4" | 3' 1 3/4" | 3' 5 3/4" | 3' 9" | 3' 9 3/4" | 4' 0 3/4" | |
| Frame | 1' 9" | 2' 1" | 2' 5" | 2' 9" | 3' 1" | 3' 5" | 3' 9" | 3' 9" | 4' 0" | |
| 1' 2" | (375) | 2114 | 2514 | 2914 | 3314 | 3714 | 4114 | 4514 | 4814 | |
| | (451) | 2117 | 2517 | 2917 | 3317 | 3717 | 4117 | 4517 | 4817 | |
| 1' 5" | (451) | 2117 | 2517 | 2917 | 3317 | 3717 | 4117 | 4517 | 4817 | |
| | (452) | 2117 | 2517 | 2917 | 3317 | 3717 | 4117 | 4517 | 4817 | |
| 2' 1" | (654) | 2125 | 2525 | 2925 | 3325 | 3725 | 4125 | 4525 | 4825 | |
| | (635) | 2125 | 2525 | 2925 | 3325 | 3725 | 4125 | 4525 | 4825 | |
| Vent Units | | | | | | | | | | |
| 2' 11" | (909) | 2135 | 2535 | 2935 | 3335 | 3735 | 4135 | 4535 | 4835 | |
| | (889) | 2135 | 2535 | 2935 | 3335 | 3735 | 4135 | 4535 | 4835 | |
| 3' 5" | (1 060) | 2141 | 2541 | 2941 | 3341 | 3741 | 4141 | 4541 | 4841 | |
| | (1 041) | 2141 | 2541 | 2941 | 3341 | 3741 | 4141 | 4541 | 4841 | |
| 3' 11" | (1 213) | 2147 | 2547 | 2947 | 3347 | 3747 | 4147 | 4547 | 4847 | |
| | (1 194) | 2147 | 2547 | 2947 | 3347 | 3747 | 4147 | 4547 | 4847 | |
| 4' 5" | (1 365) | 2153 | 2553 | 2953 | 3353 | 3753 | 4153 | 4553 | 4853 | |
| | (1 346) | 2153 | 2553 | 2953 | 3353 | 3753 | 4153 | 4553 | 4853 | |
| 4' 9" | (1 467) | 2167 | 2567 | 2967 | 3367 | 3767 | 4167 | 4567 | 4867 | |
| | (1 448) | 2167 | 2567 | 2967 | 3367 | 3767 | 4167 | 4567 | 4867 | |
| 4' 11" | (1 518) | 2159 | 2559 | 2959 | 3359 | 3759 | 4159 | 4559 | 4859 | |
| | (1 499) | 2159 | 2559 | 2959 | 3359 | 3759 | 4159 | 4559 | 4859 | |
| 5' 5" | (1 670) | 2165 | 2565 | 2965 | 3365 | 3765 | 4165 | 4565 | 4865 | |
| | (1 651) | 2165 | 2565 | 2965 | 3365 | 3765 | 4165 | 4565 | 4865 | |
| 5' 11" | (1 822) | 2171 | 2571 | 2971 | 3371 | 3771 | 4171 | 4571 | 4871 | |
| | (1 803) | 2171 | 2571 | 2971 | 3371 | 3771 | 4171 | 4571 | 4871 | |
| 6' 5" | (1 975) | 2177 | 2577 | 2977 | 3377 | 3777 | 4177 | 4577 | 4877 | |
| | (1 956) | 2177 | 2577 | 2977 | 3377 | 3777 | 4177 | 4577 | 4877 | |
| 7' 0" | (2 153) | 2184 | 2584 | 2984 | 3384 | 3784 | 4184 | 4584 | 4884 | |
| | (2 134) | 2184 | 2584 | 2984 | 3384 | 3784 | 4184 | 4584 | 4884 | |

Not to scale.
Traditional grille patterns shown. Refer to Grille Types section for additional patterns and profiles.



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 dimension plus dimensions below. This dimension includes the use of standard 1-1/8" wood sill.

| Frame | Rough | | Masonry | |
|------------|--------|----------|----------|----------|
| Brickmould | Width | Height | Width | Height |
| STD | + 3/4" | + 1-7/8" | + 3-1/8" | + 3-1/8" |
| 3-1/2" | + 3/4" | + 1-7/8" | + 6-3/8" | + 4-3/4" |

For clad and wood units with impact-resistant glass, 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, 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.

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

REVIEWED
By Michael Kyne at 2:36 pm, Oct 29, 2021

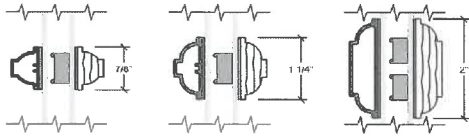
APPROVED
Montgomery County
Historic Preservation Commission



Integral Light Technology® Grilles

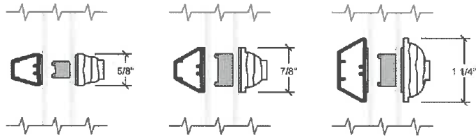
Ogee Grilles

Clad Exterior - Wood Interior



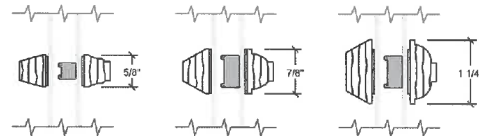
Putty Glaze and Ogee Grilles

Clad Exterior - Wood Interior

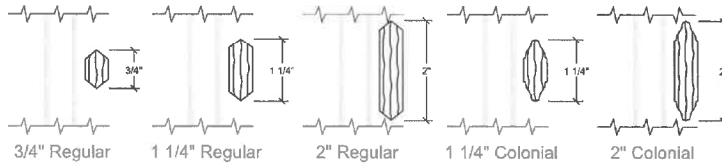


Putty Glaze and Ogee Grilles

Wood Exterior - Wood Interior



Roomside Removable Grilles



Grilles-Between-the-Glass



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.

REVIEWED

By Michael Kyne at 2:36 pm, Oct 29, 2021

APPROVED

Montgomery County

Historic Preservation Commission