MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION
STAFF REPORT

Address: 6935 Laurel Ave., Takoma Park  Meeting Date: 6/13/18
Resource: Outstanding Resource  Report Date: 6/6/18
Takoma Park Historic District
Applicant: John Urciolo  Public Notice: 5/30/18
Review: HAWP  Tax Credit: n/a
Case Number: 37/03-18VV  Staff: Dan Bruechert
Proposal: Window Replacement

RECOMMENDATION
Staff recommends that the Historic Preservation Commission approve with one condition the HAWP application.
1. The approved windows on the front must have permanently affixed interior and exterior grilles with a spacer. Sandwiched muntins are not acceptable. Final window specifications must be submitted for review and approval with final approval authority submitted to Staff.

PROPERTY DESCRIPTION
SIGNIFICANCE: Outstanding Resource to the Takoma Park Historic District
STYLE: Spanish Colonial Revival
DATE: c.1922

The subject property is a brick, two-story commercial building with a tile roof and exposed rafter tails. The storefronts all have projecting windows with tile bulkheads and panels above. The second floor has six six-over-six sash windows. The right side of the building is visible along the alley into the rear parking lot and has four one-over-one windows. To the rear, visible from the parking lot and partially visible from the public right of way is a rectangular projection clad in scored stucco with no significant architectural detailing and one-over-one sash windows.
PROPOSAL
The applicant proposes to replace all of the existing sash windows with windows matching the configuration of the existing.

APPLICABLE GUIDELINES
When reviewing alterations and additions for new construction to Outstanding Resources within the Takoma Park Historic District, decisions are guided by the Takoma Park Historic District Design Guidelines (Design Guidelines) and Montgomery County Code Chapter 24A (Chapter 24A) and the Secretary of the Interior’s Standards for Rehabilitation.

Takoma Park Historic District Design Guidelines
There are two very general, broad planning and design concepts which apply to all categories. These are:

The design review emphasis will be restricted to changes that are at all visible from the public right-of-way, irrespective of landscaping or vegetation (it is expected that the
The majority of new additions will be reviewed for their impact on the overall district, and,

The importance of assuring that additions and other changes to existing structures act to reinforce and continue existing streetscape, landscape, and building patterns rather than to impair the character of the district.

These resources have the highest level of architectural and/or historical significance. While they will receive the most detailed level of design review, it is permissible to make sympathetic alterations, changes and additions to Outstanding Resources.

As a set of guiding principles for design review of Outstanding Resources, the Historic Preservation Commission will utilize the Secretary of the Interior's Standards for Rehabilitation. The Guidelines that pertain to this project are as follows:

- Plans for all alterations should be compatible with the resource's original design; additions, specifically, should be sympathetic to existing architectural character, including massing, height, setbacks, and materials.
- Emphasize placement of major additions to the rear of existing structures so that they are less visible from the public right-of-way.
- While additions should be compatible, they are not required to be replicative of earlier architectural styles.
- Preservation of original and distinctive architectural features, such as porches, dormers, decorative details, shutters, etc. is encouraged.
- Preservation of original windows and doors, particularly those with specific architectural importance, and of original size and shape of openings is encouraged.
- Preservation of original building materials and the use of appropriate, compatible new materials is encouraged.

**Montgomery County Code, Chapter 24A Historic Resources Preservation**

(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

**STAFF DISCUSSION**

The applicant proposes to replace the existing 2nd floor sash windows with new windows in matching configuration. Approximately 30 years ago, all six windows on the front elevation were replaced with vinyl six-over-six sash windows with sandwich muntins. The windows on the right side elevation and at the rear are all one over one and are a mix of wood and vinyl windows. Based on Staff's observation between 80-90% of the windows have vinyl replacement sashes. These windows at the rear are also of lesser architectural and historical significance as they are only viewed from the private parking lot behind the building. Staff finds that the windows may be removed, as they are replacement features that are not appropriate replacements.
for the building or the surrounding historic district.

Figure 2: Detail of the front of 6935 Laurel Ave.

Figure 3: View of the rear of the building from the parking lot.

The applicant provided information on four potential replacement window options as part of this HAWP. The applicant indicated that all windows would be sized to fully fit the opening. Staff
has reviewed the four proposals and found only the Pella ProLine 450 Series to be an appropriate substitute window (see the attached window details). This window is an aluminum clad, wood window and the profile of this window closely recreates the appearance of a wood window. This window would match the six-over-six configuration on the front elevation with permanently affixed grilles with a spacer between window panes and one-over-one windows on the side and rear.

The applicant also included three other window products to be considered for this HAWP. Staff did not find them to be appropriate. The two composite windows the applicant presented, the Andersen Fibrex and Pella Impervia, both have a very flat profiles that Staff finds to be more consistent with a vinyl window than a traditional wood window. These windows offer interior and exterior grilles, which would help add depth to the windows, but absent specific details for this windows that show a full section, Staff finds these windows to be incompatible. Staff has identified the third window, a Pella 250 Series, to be incompatible for two reasons:

1. This vinyl window has too flat of a profile to be compatible with a traditional wood window; and,
2. The window is only offers grilles sandwiched between glass panes, which create an incompatible appearance on an outstanding resource.

Staff finds that the Pella 450 Series aluminum clad wood window is an appropriate replacement window for 6935 Laurel Ave., with the added condition that the front six-over-six windows be installed with permanently affixed exterior and interior grilles with an interior spacer bar. The specifications for this window need to be submitted and approved prior to issuance of this HAWP. Final approval authority can be delegated to Staff to ensure conformance with the decision of the HPC.

**STAFF RECOMMENDATIONS**

Staff recommends that the Commission approve with one condition the HAWP application;

1. The approved windows on the front must have permanently affixed interior and exterior grilles with a spacer. Sandwhiched muntins are not acceptable. Final window specifications must be submitted for review and approval with final approval authority submitted to Staff.

and with the general condition applicable to all Historic Area Work Permits that the applicant will present 3 permit sets of drawings to HPC staff for review and stamping prior to submission for permits (if applicable). After issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant will arrange for a field inspection by calling the DPS Field Services Office at 240-777-6370 prior to commencement of work and not more than two weeks following completion of work.
## APPLICATION FOR HISTORIC AREA WORK PERMIT

**Contact Name:** J. V. Ciolo @ Comcast.net  
**Contact Person:** John V. Ciolo  
**Daytime Phone No.:** 301-632-5469  
**Tax Account No.:**  
**Name of Property Owner:** V. Ciolo Properties, LLC  
**Daytime Phone No.:** 301-270-4442  
**Address:** 6935 Laurel Ave.  
City: Takoma Park  
State: MD  
Zip Code: 20912  
**Contractor:**  
**Contractor Registration No.:**  
**Agent for Owner:**  
**Agent for Owner Registration No.:**  
**Daytime Phone No.:**  

### LOCATION OF WORK/REPAIR
**House Number:** 6935 Laurel Ave  
**Street:** Laurel Ave  
**City:** Takoma Park  
**State:** MD  
**Zip Code:** 20912  
**Location:**  
**Block:** 53  
**Subdivision:** Gilbert and Wood

### PART A: EXISTING HOUSE
1. **CHECK ALL APPLICABLE:**  
   1. Construct  
   2. Extend  
   3. Abate/Remove  
   4. Move  
   5. Install  
   6. Window/Door  
   7. Add A/C  
   8. Add Slab  
   9. Add Room Addition  
   10. Add Porch  
   11. Add Deck  
   12. Add Shed  
   13. Add Pool  
   14. Add Single Family  

2. **Construction cost estimate: $**  
   17,000 to $35,000 depending on number

3. **If this is a revision of a previously approved permit, use Permit #:** Replaced

### PART B: EXISTING HOUSE AND ADDITIONS
2A. **Type of sewerage disposal:**  
   1. WSSC  
   2. Septic  
   3. Other  
   4. N/A

2B. **Type of water supply:**  
   1. WSSC  
   2. Well  
   3. Other  
   4. N/A

### PART C: COMPLETE CHAIN LATCH GATE FRAME/ WAll
3A. **Height:** feet  
   inches

3B. **Indicate whether the fence or existing wall is to be constructed on one of the following locations:**  
1. On party line/property line  
2. Entirely on land of owner  
3. On public right of way/assessment

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

**Signature:**

**Date:**

**Approved:**  
**For Chairperson, Historic Preservation Commission**

**Disapproval:**

**Signature:**  
**Date:**

**Application/Permit No.:**

**SEE REVERSE SIDE FOR INSTRUCTIONS**
THE FOLLOWING ITEMS MUST BE COMPLETED AND THE REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.

1. WRITTEN DESCRIPTION OF PROJECT
   a. Description of existing structure(s) and environmental setting, including their historical features and significance:
      - Existing Vinyl Double Hung Windows
      - Front Facade Has 6 pane grids - all other sides windows are plain
      - Double Hung Windows - Replacement is Needed
      - As these windows are over 30 years old
      - And Springs of window do not operate properly
   b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district:
      - Front Facade on Carroll Ave, place
      - 6 x 6 panels which is in keeping with other buildings in the area

2. SITE PLAN
   Site and environmental setting, drawn to scale. You may use your plot. Your site plan must include:
   a. the scale, north arrow, and date;
   b. dimensions of all existing and proposed structures; and
   c. site features such as walkways, driveways, fences, ponds, streets, trash dumpsters, mechanical equipment, and landscaping.

3. PLANS AND ELEVATIONS
   You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 11" x 17" paper are preferred.
   a. Schematic construction plans, with marked dimensions, indicating location, size, and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
   b. Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. MATERIALS SPECIFICATIONS
   General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

5. PHOTOGRAPHS
   a. Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
   b. Clearly label photographic prints of the resource as viewed from the public right-of-way and of the adjoining properties. All labels should be placed on the front of photographs.

6. TREE SURVEY
   If you are proposing construction adjacent to or within the dripline of any tree 6" or larger in diameter (at approximately 4 feet above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS
   For ALL projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of lots(s) or parcel(s) which lie directly across the street/way from the parcel in question.

PLEASE PRINT (IN BLUE OR BLACK INK) OR TYPE THIS INFORMATION ON THE FOLLOWING PAGE.
PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE, AS THIS WILL BE PHOTOCOPIED DIRECTLY ONTO MAILING LABELS.
Existing Property Condition Photographs (duplicate as needed)

Sent via E-mail.

Detail:______________________________________________________________

See Brochures Attached.

Detail:______________________________________________________________

Applicant:______________________________________________

Page:___
This building is located at 6935 Laurel Avenue and is a 2 story brick building. The building second floor windows are currently vinyl windows and are now over 30 years old. Many of the windows do not operate properly, many springs have broken free of the frame and cannot be repaired or replaced. Hence the need for replacement. There are a total of 30 windows (6 windows with 6 on 6 grilles and 22 plain double hung windows) The total project costs varies depending on all the windows being replaced or only a portion being done, that are defective.

Rather than just replace the windows with the same 100% vinyl replacement which does not need FAB or HPC approval, We, however, would prefer to put in an better quality maintenance free window. Anderson makes a wood & fiberglass composition window which is the same dimensions and style which has been tested for many years and is very durable. Pella, also a good company, makes windows with the same dimensions as the existing windows They have a fiberglass window, like the Anderson, which is very durable. Pella also has a wood window that has painted wood on the interior and an aluminum clad maintenance free exterior.

I have attached the brochures of the options, all styles are the same dimensions of the existing windows. It is just the material and company reputation that is different.

I have enclosed brochures on each listed below:

1. Anderson - wood/fiberglass construction
2. Pella - Impervia - fiberglass construction
3. Pella - proline 450 series - wood windows with aluminum clad exterior
4. Pella - 250 series - 100 vinyl construction (does not need FAB/HPC approval)
**Real Property Data Search (w3)**

**Search Result for MONTGOMERY COUNTY**

**Owner Information**
- **Owner Name:** URCIOLO PROPERTIES LLC
- **Mailing Address:** 6936 LAUREL AVE #100
  TAKOMA PARK MD 20912-4413
  
**Location & Structure Information**
- **Premises Address:** LAUREL AVE
  TAKOMA PARK 20912-0000
- **Legal Description:** GILBERT AND WOOD
- **Map:** JN41
- **Grid:** 0000
- **Parcel:** 0000
- **Sub District:** 0025
- **Subdivision:** A
- **Section:** 53
- **Block:** 2016
- **Assessment Year:** 2016
- **Assessment No:** 23492
- **Plat Ref:**

**Special Tax Areas:**
- **Town:** TAKOMA PARK
- **Ad Valorem:**
- **Tax Class:** 74

**Primary Structure**
- **Above Grade Enclosed Area:** 1922
- **Basement Area:** 27845

**Stories & Basement Type**
- **Basement:**
- **Type:**

**Value Information**

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<tr>
<th>Description</th>
<th>Base Value</th>
<th>Value As of 01/01/2016</th>
<th>Value As of 07/01/2016</th>
<th>Value As of 07/01/2017</th>
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<td>Land</td>
<td>1,499,300</td>
<td>1,724,200</td>
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<tr>
<td>Improvements</td>
<td>1,690,600</td>
<td>2,613,600</td>
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<tr>
<td>Total</td>
<td>3,189,900</td>
<td>4,337,800</td>
<td>3,572,500</td>
<td>3,955,100</td>
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**Preferential Land:**
- 0

**Transfer Information**
- **Seller:**
  - Date:
  - Deed 1:
  - Price:
- **Seller:**
  - Date:
  - Deed 1:
  - Deed 2:
  - Price:

**Exemption Information**
- **Partial Exempt Assessments:**
  - **County:** 000
  - **State:** 0.00
  - **Municipal:** 0.00
- **Tax Exempt:**
- **Special Tax Recapture:**
- **Exempt Class:** NONE

**Homestead Application Information**
- **Homestead Application Status:** No Application

10/11/2016 11:01 AM
# 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>
</tr>
</thead>
<tbody>
<tr>
<td>URCIOLO PROPERTIES, LLC</td>
<td>TACOMA WESTMORELAND, LLC</td>
</tr>
<tr>
<td>6535 LAUREL AVE - STE 100</td>
<td>11161 NEW HAMPSHIRE AVE - STE 200</td>
</tr>
<tr>
<td>TACOMA PARKS, MD 20912</td>
<td>SILVER SPRING, MD 20904</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RE: 7000 CARRIE LACE</th>
<th>RE: 7001 CARRIE LACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>KC ASSOCIATES, LLC</td>
<td>TACOMA WESTMORELAND, LLC</td>
</tr>
<tr>
<td>C/O BACKFE CO.</td>
<td>11161 NEW HAMPSHIRE AVE - STE 200</td>
</tr>
<tr>
<td>6901 16TH ST. NW</td>
<td>SILVER SPRING, MD 20904</td>
</tr>
<tr>
<td>WASH., DC 20012</td>
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<table>
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<tr>
<th>RE: 6951 EASTERN AVE</th>
<th>RE: 6845 EASTERN AVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>POTOMAC CONS CORP.</td>
<td>CHARLOTTE SCHOENMAN</td>
</tr>
<tr>
<td>6810 EASTERN AVE</td>
<td>6843 EASTERN AVE</td>
</tr>
<tr>
<td>WASH., DC 20012</td>
<td>TACOMA PARKS, MD 20912</td>
</tr>
</tbody>
</table>
May 23, 2018

Mr. William Kirwan  
Historic Preservation Commission  
8787 Georgia Avenue  
Silver Spring, MD 20910

RE: 6935 Laurel Avenue

Dear Mr. Kirwan,

The Takoma Park Façade Advisory Board met on May 22, 2018 to review the design proposal for 6935 Laurel Avenue, Takoma Park, Maryland. The proposal is to be considered by the Historic Preservation Commission.

John Urciolo presented an application for 6935 Laurel Avenue to replace and upgrade the existing vinyl windows on the second story of the building.

The Takoma Park Façade Advisory Board passed the following resolution:
The Board approved the replacement of the windows, with simulated divided lights for the front elevation windows (as represented in the Pella product data as an example) and one-over-one double-hung windows for the side and rear. Material to be determined by the Historic Preservation Commission.

Thank you for the efforts of the Commission to preserve the unique architectural character of our historic business district. If you have questions regarding the Board’s action, please call me at 301-891-7205.

Sincerely,

[Signature]

Community Development Manager
PELLA
450 Series
WOOD WINDOWS AND PATIO DOORS
AT A COMPETITIVE PRICE
WOOD WINDOW AND PATIO DOOR

**DESIGN GUIDE**

**GLASS**

*Insulshield* Low-E Glass Collection

<table>
<thead>
<tr>
<th>Product</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Low-E Insulating glass with argon²</td>
<td>S  S</td>
</tr>
<tr>
<td>Advanced/Comfort Low-E Insulating double-pane glass with argon²</td>
<td>o  o</td>
</tr>
<tr>
<td>SunDefense® Low-E Insulating glass with argon²</td>
<td>o  o</td>
</tr>
</tbody>
</table>

**ADDITIONAL GLASS OPTIONS**

- Tempered glass
- Laminated (impact-resistant), tinted or obscure glass available on select products

¹ See glass information on pages 4-5 for details.
² Sunshield high-altitude Insulshield Low-E glass without argon available on most products.

**INTERIOR WOOD TYPES**

<table>
<thead>
<tr>
<th>Type</th>
<th>$</th>
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<tbody>
<tr>
<td>Pine</td>
<td>$</td>
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</table>

**INTERIOR FINISHES**

- Unfinished
- Primed, ready to finish
- Prefinished stain or paint

**INTERIOR TRIM**

- Primed, ready to finish
- Prefinished stain or paint

* See page 10 for trim.

**EXTERIOR FINISHES**

- Aluminum-clad with EnduraClad® protective finish

**EXTERIOR TRIM**

- EnduraClad factory-applied trim

* See page 10 for trim.

**HARDWARE FINISHES**

- Champagne, White or Brown
- Bright Brass, Satin Nickel or Oil-Rubbed Bronze

* See hardware finish colors and styles on page 10.

**GRILLES**

- Simulated Divided-Light With/Without Spacer
- 2', 1-1/4" and 3/4" Removable Roomside Grilles-Between-the-Glass

**PERMANENT GRILLES**

- Simulated Divided-Light grilles with/without spacer
- Aluminum grilles-between-the-glass

**REMOVABLE GRILLES**

- Roomside Interior Wood Grilles

* See leaflet for grille finish colors and styles.

**SCREENS**

- InView® screen
- Hardiewiew® high-transparency screen

* WARNING: Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.

**WARRANTY**

Pella Limited Lifetime Warranty

(5) Standard (O) Optional (I) Unavailable

See a Pella professional for specific details and additional options available.

Some features are part of our standard offering; not all options are available on all product styles.

**GRILLE PATTERNS**

A variety of grille patterns for the traditional look of divided light. Custom patterns are also available.

9-Lite Prairie  | Traditional  | Top Row

Cross  | Custom (equally divided)

Choose the look of true divided light, or add grilles between-the-glass that make cleaning the glass easier.

7/8" Simulated Divided-Light With Spacer  | 7/8" Simulated Divided-Light Without Spacer

2', 1-1/4" and 3/4" Removable Roomside Grilles-Between-the-Glass

Aluminum grilles-between-the-glass feature the option of the interior grille colors shown below. The exterior will match the EnduraClad® color you choose.

<table>
<thead>
<tr>
<th>Color</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>White</td>
<td></td>
</tr>
<tr>
<td>Ivory</td>
<td></td>
</tr>
<tr>
<td>Tan</td>
<td></td>
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<tr>
<td>Gray</td>
<td></td>
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<tr>
<td>Brown</td>
<td></td>
</tr>
<tr>
<td>Harvest</td>
<td></td>
</tr>
<tr>
<td>Brickstone</td>
<td></td>
</tr>
<tr>
<td>Cordovan</td>
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</table>

1 Grille patterns offered may vary per product. See specific product information for availability.
2 Appearance of exterior grille color may vary depending on the Low-E Insulating glass selection.
3 Only available with matching interior and exterior colors.
Reinventing the window

Innovation has been a hallmark of Andersen Corporation since its founding in 1903. From implementing “mass production” techniques in 1904 (nine years before Henry Ford), to producing the first completely assembled window unit in the industry (1926), to becoming the world’s largest specialized window frame factory in 1929, our guiding principle has always been to “make a product that is different and better.” Each step of the way we have incorporated the latest technologies, fine precision, and high standards in our quest to be better.

Introducing Fibrex® material

One of our most innovative ideas is Fibrex material. This revolutionary composite combines the strength and stability of wood with the low-maintenance features of vinyl. In fact, you might say it’s an evolutionary product—Andersen scientists developed the first hollow vinyl window in the U.S. in 1959, and engineered composite window materials in the 1960s and 1970s. In 1992, Andersen perfected composite window technology, and patented Fibrex material. Today, Fibrex material is the perfect choice for your new replacement windows.

<table>
<thead>
<tr>
<th>Strength</th>
<th>Fibrex® Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Because Fibrex® material is strong, we can make our sash and frames narrower. Narrower frames mean more glass, more view.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Insulation</th>
<th>Fibrex material has superior thermal insulating properties. Combined with Andersen® High-Performance™ Low-E4® glass, this helps your home stay warmer in winter and cooler in summer. You can save money on your energy bills. Your home feels more comfortable.</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Aluminum window frames conduct heat and cold. Heat leaks out of your house in the winter and into your house in the summer.</td>
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</table>

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<thead>
<tr>
<th>Low Maintenance</th>
<th>Fibrex material never needs scraping or painting. It won’t rot, decay or mold.</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Fiberglass frames are painted and may need regular maintenance.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Beauty</th>
<th>Renewal by Andersen replacement windows preserve the architectural beauty of your home. Frame and sash design reflect the shape and lines of your original windows. The unique extruded Fibrex material can be made into any kind of window—including curved specialty windows.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Most replacement windows have square profiles that may look artificial in your home. Vinyl frame material is often thicker, reducing glass area. Fiberglass can only be made into straight lineals.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Environmental Responsibility</th>
<th>40% of the raw material by weight used to make Fibrex material is clean, reclaimed wood fiber. Reclaimed materials in the manufacturing process can also be reground and reused. Renewal by Andersen® windows meet Green Seal’s science-based environmental certification standards as well as being ENERGY STAR® qualified for meeting strict energy efficiency criteria set by the U.S. Department of Energy.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Andersen windows are the only windows with Green Seal certification. Fiberglass is a thermoset material and cannot be reformed into new profiles.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Warranty</th>
<th>A window is not just glass and some framing material. It’s a precise combination of glass, frame and quality installation. We back it all with a Product and Installation Limited Warranty that is one of the best in the business.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>More than half of all remodeling firms have been in business less than four years. Installation is rarely covered in the written warranty.</td>
</tr>
</tbody>
</table>

*For a copy of the Renewal by Andersen® Products and Installation Transferable Limited Warranty, contact a sales representative. | Small Business Administration Website, [www.sba.gov](http://www.sba.gov)
Grille Options

Customize Your Windows

Renewal by Andersen offers a wide range of creative grille patterns to enhance the look of your home.

All of our grilles are designed to be long lasting with low-maintenance performance. With such a broad range of high-profile grille options, you can match your home's current architecture, change the look and style of your home or incorporate them into a renovation project for historical accuracy.

Patterns

Colonial
Specific number of squares per sash.
Double-hung window shown

Farmhouse
Two vertical bars meet a wider horizontal rail or bar at the center of the window.
Equal distance apart

Prairie
Two vertical and two horizontal bars per sash to form 4 inch corner squares.
Double-hung window shown

Modified Prairie
Two vertical bars and one horizontal bar per sash.
Booth window shown

Simulated Double-Hung
Preserve the look of a traditional window.

Fractional
Specific number of bars and horizontal bars.

Equal Light
Specified number of horizontal bars, equal distance apart.

Custom
Create a new pattern; revive one from the past by combining both vertical and horizontal bars.

More
Ask your replacement consultant for more grille options.
**Full Divided Light Grilles**

Full divided light grilles provide a visual representation of true divided glass. The option consists of a permanently applied exterior Fibrex® material grille, an aluminum spacer between the glass, and a removable or permanently applied interior grille. Available in two widths and an array of colors.

**Grilles Between-the-Glass**

Aluminum grilles are permanently installed between the panes during manufacturing, providing the beauty of grilles with the quick cleaning of a smooth glass surface. Available in two widths and an array of colors.

**Interior Wood Grilles**

Made of hardwood, these grilles snap into clips on the interior of the sash and can be easily removed to make glass cleaning a breeze. Available in two widths.
UNIT SECTIONS
Aluminum-Clad Exterior

VENT
- VENT HEAD
- CHECK RAIL
- VENT SILL

FRAME HEIGHT
1.500" [38]
2.750" [70]

FRAME WIDTH

Optional Fold-out Installation Fin

Scale 3" = 1'0"
All dimensions are approximate.
UNIT SECTIONS
Aluminum-Clad Exterior

FIXED

TRANSOMS

TYPICAL JOINING MULLIONS

Scale 3" = 1'0"
All dimensions are approximate.
See www.PellaADM.com for mullion limitations and reinforcing requirements.