II.B

MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION
STAFF REPORT

Address: 3804 Bradley Ln., Chevy Chase
Meeting Date: 11/13/2019

Resource: Contributing Resource
Chevy Chase Village Historic District
Report Date: 11/6/2019

Applicant: David Wodlinger
Public Notice: 10/30/2019
(Phillip Long, Architect)

Tax Credit: No

Review: HAWP
Staff: Michael Kyne

Case Number: 35/13-19QQ

PROPOSAL: Pool house and pool construction, and other alterations

STAFF RECOMMENDATION:

Staff recommends that the HPC approve the HAWP application.

ARCHITECTURAL DESCRIPTION:

SIGNIFICANCE: Contributing Resource within the Chevy Chase Village Historic District
STYLE: Craftsman
DATE: 1892-1916

Fig. 1: Subject property.
PROPOSAL:

The applicant propose construction of a swimming pool, construction of a pool house, and other alterations at the rear of the subject property.

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.

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 insure 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:

Decks should be subject to moderate scrutiny if they are visible from the public right-of-way, lenient scrutiny if they are not.
**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 it is not.

**Fences** should be subject to strict scrutiny if they detract significantly from the existing open streetscape. Otherwise, fences should be subject to moderate scrutiny if they are visible from the public right-of-way, lenient scrutiny if they are not.

**Garages and accessory buildings** which are detached from the main house should be subject to lenient scrutiny but should be compatible with the main building.

**Gutters** are not currently subject to review and should not be reviewed.

**Roofing materials** should be subject to moderate scrutiny if they are visible from the public right-of-way, lenient scrutiny if they are not. In general, materials differing from the original should be approved for contributing resources.

**Skylights** should subject to strict scrutiny if visible from the public right-of-way, otherwise they should be subject to lenient scrutiny.

**Swimming pools** should be subject to lenient scrutiny. However, tree removal should be subject to strict scrutiny as noted below.

**Tree removal** should be subject to strict scrutiny and consistent with the Chevy Chase Village Forest Ordinance.

**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. Vinyl and aluminum windows (other than storm windows) should be discouraged.

**Montgomery County Code; Chapter 24A-8**

(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 ensure 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
II.B

(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; 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. 9-4, § 1; Ord. No. 11-59.)

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 alteration 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 shall 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 Craftsman-style Contributing Resource within the Chevy Chase Village Historic District. The applicant proposes the following work items at the subject property:

- Construct a 39’-6” x 12’ swimming pool at the rear of the subject property.
- Construct a pool house with deck and pergola at the rear of the subject property.
  - Pool house to be constructed from painted brick to match the historic house.
  - Pool house doors and windows to be aluminum-clad SDL with permanently affixed muntins and spacer bars.
  - Pool house to have three skylights on the roof.
  - Deck to be at grade and constructed from wood.
  - Pergola to be constructed from wood with synthetic trim.
  - Pool house and pergola to have flat seamed copper roof with built-in gutters and copper downspouts.
  - Built-in grill and cabinets to be installed on deck at east side of the proposed pool house.
- Install hardscaping, including walkways, a terrace, outdoor fireplace, and retaining walls at the
rear of the subject property.
  • Walkways to be stone with pea gravel surround.
  • Terrace to be 24’ x 22’-2” and made from stone.
  • Outdoor fireplace to be brick, 15’ high x 6’ wide.
  • Retaining walls at west side of the proposed terrace to be brick and approximately 1’ to 2’ high.
  • Retaining wall at the rear/base of the existing deck to be brick and approximately 4’ high, with attached stainless-steel cables/rose trellis.
  • Install a 3’ high wood with wire mesh deck railing on the existing deck at the rear of the subject property.
  • Construct a roof over the existing deck at the rear of the subject property.
    • New roof and posts to be constructed from wood with synthetic trim.
    • New roof to have flatseamed copper roof with built-in gutters and copper downspouts.
  • Construct new stairs to grade at the west side of the existing deck at the rear of the subject property.
    • Stairs to be constructed with stone treads and brick risers, with powder coated steel handrail.
  • Install a 6’ high wooden board-on-board fence at the rear of the subject property.
    • A 4’ high wooden gate will be installed at the east (replacement) and west sides, connecting the historic house to west side fence.
  • Remove the existing deck stairs to grade at the east side of the existing deck at the rear of the property.
  • Remove the existing half circle stairs to grade at the rear of the historic house (from the media room).
  • Construct new stairs to grade at the rear of the historic house (from the media room).
    • Stairs to be constructed with stone treads and brick risers, with powder coated steel handrail.
  • Remove several ornamental trees at the rear of the subject property, including a 15” dbh twin cedar, 7” twin magnolia, and 10” holly.

Staff supports the applicant’s proposal. The proposed alterations are at the rear of the subject property, where they will be minimally visible from the public right-of-way, at best. Staff finds that the proposed alterations should be reviewed with lenient scrutiny, in accordance with the Guidelines. The proposal will not remove or alter character defining features of the subject property, in accordance with Standards #2 and #9. In accordance with Standard #10, the alterations 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 revised, 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 Chevy Chase Village Historic District Guidelines outlined above.

**STAFF RECOMMENDATION:**

Staff recommends that the Commission *approve* the HAWP application only for alterations to the main house 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 the **3 permit sets 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.kyne@montgomeryplanning.org to schedule a follow-up site visit.
APPLICATION FOR
HISTORIC AREA WORK PERMIT

Contact Email: phil@cas-dc.com
Contact Person: Phillip Long
Daytime Phone No.: 301-703-2346-0
Tax Account No.: 240-418-3204-M
Name of Property Owner: David Waldinger
Daytime Phone No.: 202-331-7506
Address: 3804 Bradley Ln Cherry Chase MD 20815
Contractor: TBD
Contractor Registration No.: 
Agent for Owner: Katia Goffin
Daytime Phone No.: 202-352-5928

LOCATION OF BUILDING PROJECT:
House Number: 3804
Street: Bradley Lane
Town/City: Bethesda
Nearest Cross Street: Connecticut Ave
Lot: 35 Block: 61 Subdivision: Chevy Chase Section 1
Lot: 

PART A: TYPE OF PERMIT AND USE
1A. Check all applicable:
- [X] Construct
- [ ] Extend
- [ ] Alter/Renovate
- [ ] AC
- [ ] Slab
- [ ] Room Addition
- [ ] Porch
- [ ] Deck
- [ ] Shed
- [ ] Move
- [ ] Install
- [ ] Wreck/Plaza
- [ ] Solar
- [ ] Fireplace
- [ ] Woodburning Stove
- [ ] Single Family
- [ ] Revision
- [ ] Repair
- [ ] Revocable
- [ ] Fence/Wall (complete Section B)
- [ ] Other: Paul House

1B. Construction cost estimate: $ 30,000

1C. If this is a revision of a previously approved active permit, see Permit #

PART B: SITE PLAN FOR NEW CONSTRUCTION AND EXISTING ADDITIONS
2A. Type of sewage disposal: 01 [X] WSSC 02 [ ] Septic 03 [ ] Other:
2B. Type of water supply: 01 [X] WSSC 02 [ ] Well 03 [ ] Other:

PART C: COMPLIANCE WITH OLD-MASTING WALL
3A. Height 6' 6" - Fence 8'-0" - Wall

3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:
- [ ] On property line/property line
- [X] Entirely on land of owner
- [ ] On public right of way/abatement

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 all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

Signature of owner or authorized agent:

10/1/19

For Chairperson, Historic Preservation Commission

Approved:

Disapproved:

Application/Permit No.:

Date Filled:

Date Issued:

SEE REVERSE SIDE FOR INSTRUCTIONS

Eds 6/21/99
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:

   Detached single family home built circa 1913

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   b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district:

   Proposed pool house, pool, deck, fencing, retaining

   walls, outdoor fireplace, walkways, terraces, landscaping

   and associated appurtenances

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, streams, 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 A 3/4" x 11" 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 (façades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, contact.

   All materials and features proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each façade 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 façade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.

   b. Clearly labeled 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 8" 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 lot(s) or parcel(s) which lie directly across the street/highway 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.
### 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>3804 Bradley Lane</td>
<td>Phillip Long</td>
</tr>
<tr>
<td>Chevy Chase, MD 20815</td>
<td>CAS Engineering</td>
</tr>
<tr>
<td></td>
<td>10 S. Bente St.</td>
</tr>
<tr>
<td></td>
<td>Frederick, MD 21701</td>
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<table>
<thead>
<tr>
<th>Adjacent and confronting Property Owners mailing addresses</th>
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<tbody>
<tr>
<td>Stephen &amp; Kristen Best</td>
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<tr>
<td>3810 Bradley Lane</td>
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<tr>
<td>Chevy Chase, MD 20815</td>
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<tr>
<td>Greg Hornington &amp; June Drummond</td>
</tr>
<tr>
<td>3800 Bradley Lane</td>
</tr>
<tr>
<td>Chevy Chase, MD 20815</td>
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</table>

| Michael & Holly Meers                                     |
| 11 Quincy Street                                          |
| Chevy Chase, MD 20815                                     |
| Roger & Elizabeth Marmet                                   |
| 19 Quincy Street                                          |
| Chevy Chase, MD 20815                                     |

| Herbert & Barbara Buchanan                                |
| 3803 Bradley Lane                                         |
| Chevy Chase, MD 20815                                     |
| Jennifer & Michael Dillon                                 |
| 3801 Bradley Lane                                         |
| Chevy Chase, MD 20815                                     |

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<tr>
<th>3868 Boyd</th>
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<tr>
<td>Benjamin &amp; Nicole Rippeon</td>
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<td>3807 Bradley Lane</td>
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<td>Chevy Chase, MD 20815</td>
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Rear
West Side
### Utility Information

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<tr>
<th>Service</th>
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<tr>
<td>Gas</td>
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<tr>
<td>Water</td>
<td>Washington Suburban Sanitary Commission</td>
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<tr>
<td>Telephone</td>
<td>Verizon</td>
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<tr>
<td>Electrical</td>
<td>Virginia Power</td>
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<tr>
<td>Telephone</td>
<td>Verizon</td>
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### Zoning Data

- **Zoning:** R-60
- **Minimum Lot Area:** 6,000 sq ft
- **Minimum Lot Width at B.R.L.:** 60 ft
- **Side B.R.L.:** 8 ft min., 18 ft total (Per MoCo)
- **Front B.R.L.:** 25 ft (Per CCV & MoCo)
- **Lot Coverage:** 35% of total lot area.
- **Proposed Combined Area Covered by Buildings:** 4,181 sq ft.
- **Allowable Lot Coverage:** 35% of total lot area.
- **Proposed Combined Area Covered by Buildings:** 3,141 sq ft.
- **Allowable Lot Coverage:** 35% of total lot area.

### Proposed Rear Yard Area Covered by Accessory Building

- **Allowable Rear Yard Area to be Covered by Accessory Buildings:** 108.4 sq ft.
- **Lot 35 Rear Yard Area:** 5,542 square feet
- **Combined Lot Coverage of All Accessory Buildings shall not exceed twenty (20) percent of the rear yard.**

### Proposed Building Dimensions

- **Proposed Height of Building:** 13.85 feet
- **Allowable Height of Building:** 15 feet
  - Height of building = 384.9 - 371.05 = 13.85 feet
  - Average grade elevation along front of building: 371.05 ft
  - Height of building from first floor: 12.9 ft
  - Height of building to highest point = 384.9 - 371.05 = 13.85 feet
  - Average grade elevation along front of building: 371.05 ft
  - Height of building to highest point: 12.9 ft

### Permit Status

- **Approval by MCDPS-WRS.**
- **Review by MCDPS-WRS.**
- **Initial Plan Review by MCDPS-WRS.**

### Survey Information

- **ADC MAP 5407, GRID J-4, SCALE: 1" = 2000'**
- **Lot 35, Block 61, Chevy Chase, Section 2**
- **Plat Book 114, Plat No. 13504, Recorded 6/30/1981**

### Site Plan

- **3804 Bradley Lane**
- **Lot 35, Block 61**
- **Chevy Chase, Section 2**
- **Chevy Chase Village - Building Permit Site Plan**

### Plan Creation

- **CAS JOB NO.: 19-126**
- **DATE: 05/2019**
- **Drawn to Scale:** 1/4" = 1'-0" (ASRD)
MULTI SLIDE SYSTEMS
LaCANTINA’S NEW CLASS OF MULTI SLIDE combines the preferred features of symmetry, strength and performance of a lift slide door system and the functionality and value of a multi slide. Our NEW CLASS of sliding door provides optimal aesthetics, performance and value.

**Multi Slide**

Our panel design, engineered to the demands of a folding system, adapt perfectly to a more robust and unmatched sliding door. With the same clean minimal designs as our folding systems, our matching narrow stiles and low profile rails mean symmetry and style are never compromised. Our MULTI SLIDE is a PERFECT MATCH to our folding and swing doors for the COMPLETE DOOR PACKAGE.

LaCANTINA MULTI SLIDE systems are available in aluminum, aluminum thermally controlled, aluminum wood and contemporary clad.

- Oversized door panels providing more glass and light
- Inline panels slide away effortlessly without interruption into living areas
- Multiple configurations available including pocketing and zero post corner configurations
- AAMA certified rolling hardware to handle extreme panel weights
- Extruded composite acetal wheels for quiet operation
- Self-draining weather resistant sill with interior stop height options to provide protection against weather
- Flush and commercial sill options
- Advanced seal system provides ultimate weather protection without compromising ease of operation
- Unique interlocking track design for added strength and structural integrity
- Wide range of glazing options for improved thermal performance, safety, protection and privacy
- Integrated screen systems for year round comfort and protection against the elements
LaCANTINA SLIDING SYSTEMS utilize architectural grade materials and AAMA certified low profile wheels for increased durability and smoother performance. LaCANTINA’s minimal one piece handle hardware is offered in a stainless or bronze finish.

SILL OPTIONS THAT SUIT WEATHER EXPOSURE OR FLUSH FLOOR TRANSITIONS FROM INSIDE TO OUTSIDE.

SILL CONSIDERATIONS

WEATHER RESISTANT SILL
FLUSH SILL
RAMP SILL

OUR MULTI SLIDE SYSTEMS ARE CUSTOM MADE AND ARE AVAILABLE FOR SMALLER OPENINGS SUCH AS WINDOWS OR EXPANSIVE OPENINGS. INDIVIDUAL PANELS CAN BE UP TO 8’ WIDE AND 12’ TALL, BASED ON A MAXIMUM OF 60 SQ. FT. OF GLASS PER PANEL. LaCANTINA MULTI SLIDE SYSTEMS ARE ALSO AVAILABLE IN POPULAR STANDARD SIZES AND OPENINGS RANGING FROM 8’ TALL AND 6’,8’,9’,12’ AND 16’ WIDE.

SIZING

LaCANTINA’s MULTI SLIDE SYSTEMS OFFER A RANGE OF STACKING AND POCKETING CONFIGURATIONS AND ARE AVAILABLE UP TO 12 PANELS, 6 IN EACH DIRECTION. BELOW ARE A SAMPLE OF POPULAR CONFIGURATION OPTIONS.

CONFIGURATIONS

STACKING OPTIONS

3 PANELS
OXX OR XXO
OXXX OR XXXO
OX XO
4 PANELS
OXXX OR XXXO
5 PANELS
OXXXX OR XXXXO
6 PANELS
OXX XXO

POCKET OPTIONS

1 PANEL
PX OR XP
2 PANELS
PXX OR XXP
3 PANELS
PX XP
4 PANELS
PXXX OR XXXP
5 PANELS
PXXXX OR XXXXP
6 PANELS
PXXXXX OR XXXXXP

LaCANTINA DOORS.com
## LaCantina Multi Slide Systems Material Comparison

<table>
<thead>
<tr>
<th>Material</th>
<th>Aluminum</th>
<th>Aluminum Thermally Controlled</th>
<th>Aluminum Wood</th>
<th>Contemporary Clad</th>
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<tbody>
<tr>
<td><strong>Style</strong></td>
<td>Contemporary</td>
<td>Contemporary</td>
<td>Traditional</td>
<td>Contemporary to Traditional</td>
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<tr>
<td><strong>Pricing</strong></td>
<td>Lower Cost $</td>
<td>Upgrade $ for Performance &amp; Features</td>
<td>Upgrade $ for Performance &amp; Features</td>
<td>Upgrade $ for Performance &amp; Features</td>
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<tr>
<td><strong>Panel Construction</strong></td>
<td>Aluminum</td>
<td>Aluminum with Thermally Efficient Core</td>
<td>Aluminum with Solid Wood on the Interior</td>
<td>Engineered Wood Core with Exterior Aluminum</td>
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<tr>
<td><strong>U-Value Low-E 366 Argon</strong></td>
<td>.48</td>
<td>.42</td>
<td>.42</td>
<td>.34</td>
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<tr>
<td><strong>U-Value .32 or Less Glazing Option</strong></td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td><strong>Energy Efficiency</strong></td>
<td>Good</td>
<td>Better</td>
<td>Better</td>
<td>Best</td>
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<td><strong>Panel Thickness</strong></td>
<td>1 3/4”</td>
<td>2 1/4”</td>
<td>2 1/4”</td>
<td>2 1/4”</td>
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<tr>
<td><strong>Stile &amp; Rail Profile</strong></td>
<td>2 3/4”</td>
<td>2 15/16”</td>
<td>3 5/8”</td>
<td>2 15/16”</td>
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<tr>
<td><strong>Additional Bottom Rail Options</strong></td>
<td>10” ADA</td>
<td>-</td>
<td>-</td>
<td>7 1/2”, 10” ADA</td>
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<td><strong>Simulated Dividing Lites (SDLs)</strong></td>
<td>1” Contemporary</td>
<td>1” Contemporary</td>
<td>1” Contemporary or Traditional</td>
<td>1” Contemporary or Traditional</td>
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<td><strong>In-Stock Wood</strong></td>
<td>-</td>
<td>-</td>
<td>VG Fir or Sapele Mahogany</td>
<td>VG Fir or Sapele Mahogany</td>
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<tr>
<td><strong>Multi Slide Panel Locking</strong></td>
<td>Concealed Multi-Point</td>
<td>Concealed Multi-Point</td>
<td>Concealed Multi-Point</td>
<td>Concealed Multi-Point</td>
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* Performance based on weather resistant sill with 2 5/16” interior leg height.
**Glas**

All LaCANTINA Doors feature Cardinal Glass, the leading glass company in the U.S. Select from a wide range of glass types to match window packages or meet energy code requirements. Dual glazed LoE glass comes standard across our entire product line. Simulated divided lites are also available.

Available for aluminum, aluminum thermally controlled and contemporary clad systems.

<table>
<thead>
<tr>
<th>Clear Anodized</th>
<th>Bronze Anodized</th>
<th>White</th>
</tr>
</thead>
</table>

Available for aluminum wood and contemporary clad systems.

<table>
<thead>
<tr>
<th>Shadow Black</th>
<th>White</th>
<th>Bronze</th>
</tr>
</thead>
</table>

Available for vinyl systems.

<table>
<thead>
<tr>
<th>White</th>
<th>Tan</th>
</tr>
</thead>
</table>

Optional colors are available in a wide range of the most popular colors in the marketplace today.

<table>
<thead>
<tr>
<th>Fast Track White</th>
<th>Abalone</th>
<th>Bone White</th>
<th>Sandtone</th>
<th>Cashmere</th>
<th>Putty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pebble Gray</td>
<td>Patina</td>
<td>Hartford Green**</td>
<td>Rosewood</td>
<td>Brick Red</td>
<td>Mesa Red**</td>
</tr>
</tbody>
</table>

Optional colors*:

- Boysenberry
- Terratone
- Dark Chocolate
- Brown
- Tuscany Brown
- Truffle
- Statuary Bronze
- Chestnut Bronze
- Medium Bronze
- Midnight Bronze
- Fashion Gray
- Colonial Gray
- Charcoal
- Black
- Clear Anodized
- Bronze Anodized

**In-stock** Wood

- Vertical Grain Douglas Fir
- Sapele Mahogany

**Custom Options**

Custom colors are available to match virtually any finish. A 2-coat 70% Kynar paint is standard. Powdercoat and wood grain finishes are also available. Custom wood is also available. Popular species include Oak, Maple, Cherry, Alder & Walnut.

*Actual colors may vary. Samples available upon request. **Higher setup costs for premium optional colors may apply.
LaCANTINA prides itself on a lifestyle devoted to healthy living and eco-initiatives. Our products contribute to LEED project certification and we use recycled and recyclable packaging materials as part of our commitment to a sustainable future. As a member of the U.S. Green Build Council our products are thermally efficient and meet energy standards through smart design.

To learn more about LaCANTINA Doors including complete & updated product information, system details & specifications, pricing, applications, case studies and more, please visit www.LaCANTINADOORS.com
Pella® Lifestyle Series Wood

#1 performing wood window and patio door for the combination of energy, sound and value.¹

Dual- and Triple-Pane Products, $$–$$$

Unbeatable performance options.¹
- **79% more energy efficient** for a more comfortable home²
- **52% reduction in outside noises** like traffic and lawnmowers³

Values are averages based on the Ultimate Performance package compared with single-pane windows.

Style and durability.
Durability and style flexibility with the most desired features and options, backed by the best limited lifetime warranty in the industry.⁴

Packed with innovation.

37 TIME-TESTED INNOVATIONS

Offering products with 37 time-tested innovations like our best integrated blinds and shades and integrated security sensors.

Special sizes and configurations are also available.

**WINDOW STYLES**

- Awning
- Bay or Bow
- Casement
- Double-Hung

**PATIO DOOR STYLES**

- Sliding
- Hinged

¹ See inside front cover for disclosures.
## Colors & Finishes  Pella® Lifestyle Series

### Wood Type

The wood species that best complements your home’s interior.

- **Pine**

### Prefinished Pine Interior Colors

We can prefinish pine in your choice of three paint colors and seven stains. Unfinished or primed and ready-to-paint are also available.

- **White**
- **Bright White**
- **Linens White**
- **Natural Stain**
- **Golden Oak Stain**
- **Early American Stain**
- **Provincial Stain**
- **Dark Mahogany Stain**
- **Red Mahogany Stain**
- **Black Stain**

### Aluminum-Clad Exterior Colors

Our low-maintenance EnduraClad® exterior finish resists fading and helps protect your windows and patio doors for years.

- **White**
- **Tan**
- **Putty**
- **Brown**
- **Poplar White**
- **Portobello**
- **Hartford Green**
- **Morning Sky Gray**
- **Brick Red**
- **Black**
- **Almond**
- **Iron Ore**

---


2. Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. foot new construction single-story home when comparing Pella Lifestyle Series windows with Advanced Comfort Low-E triple-pane glass with argon and mixed glass thickness to a single pane wood or vinyl window. Double-hung windows are not available with triple-pane glass. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.

3. Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with triple-pane glass with mixed glass thickness to a single pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.

4. Based on comparing written limited warranties of leading national wood window and wood patio door brands. See Pella written Limited Warranty for details, including exceptions and limitations, at pella.com/warranty, or contact Pella Customer Service at 877-473-5527.

5. Available in dual-pane only.

6. Available on triple-pane products only.
Integrated Blinds & Shades  PELLA® LIFESTYLE SERIES

INTEGRATED BLINDS  
Raise blinds up for an unobstructed view or tilt to let in just the right amount of light. Our best integrated and accessible blinds are available manual or motorized with Pella Insynctive® technology.

INTEGRATED SHADES  
Our best integrated fabric shades feature a white exterior fabric for a uniform look from the street. Integrated and accessible shades are available manual or motorized with Pella Insynctive technology.

Add Security

INSYNCTIVE TECHNOLOGY  
Integrated security sensors with time-tested wireless technology are built-in and tucked away, out of sight, to preserve the beauty of your Pella windows and doors. Monitor windows and doors while at home or away with the Pella Insynctive App or with most existing security systems.² Learn more at pella.com/insynctive.

² Requires the Pella Insynctive App on a smart device, an Insynctive Bridge and a wireless home internet router with internet connection.
Performance Packages  PELLA® LIFESTYLE SERIES

To make things easier, we've created performance packages that highlight what's most important to you.

Performance solutions offer an unbeatable combination of energy efficiency, sound control and value.¹ Upgrade from a dual- to a triple-pane glass design with the packages below to meet the unique needs of each room in your home.

All values below are averages compared with single-pane windows.

### PERFORMANCE

**Improved energy efficiency and sound performance.**

<table>
<thead>
<tr>
<th>Package</th>
<th>Energy Efficiency</th>
<th>Noise Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance</td>
<td>71% MORE ENERGY EFFICIENT³</td>
<td>34% NOISE REDUCTION⁴</td>
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</tbody>
</table>

### SOUND CONTROL

**Exceptional noise control for a quieter home.**

<table>
<thead>
<tr>
<th>Package</th>
<th>Noise Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Control</td>
<td>52% NOISE REDUCTION⁴</td>
</tr>
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</table>

### ENERGY EFFICIENCY

**Superior energy efficiency for a more comfortable home.**

<table>
<thead>
<tr>
<th>Package</th>
<th>Energy Efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy Efficiency</td>
<td>83% MORE ENERGY EFFICIENT¹</td>
</tr>
</tbody>
</table>

### ULTIMATE PERFORMANCE

**The best combination of energy efficiency and noise control.**

<table>
<thead>
<tr>
<th>Package</th>
<th>Energy Efficiency</th>
<th>Noise Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultimate Performance</td>
<td>79% MORE ENERGY EFFICIENT³</td>
<td>52% NOISE REDUCTION⁴</td>
</tr>
</tbody>
</table>

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### GLASS

**Advanced Low-E insulating dual- and triple-pane glass with argon⁶**

**AdvancedComfort Low-E insulating dual- and triple-pane glass with argon⁶**

**NaturalSun Low-E insulating dual- and triple-pane glass with argon⁶**

**SunDefense™ Low-E insulating dual- and triple-pane glass with argon⁶**

Tempered glass available on dual- and triple-pane products

Obscure and frosted obscure glass available on dual- and triple-pane products

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¹ Performance solutions require upgrades to triple-pane, AdvancedComfort Low-E and mixed glass thickness. Based on comparing product quotes and published STC/OITC and U-Factor ratings of leading national wood window and patio door brands.

² Pella products may not meet ENERGY STAR® guidelines in Canada. For more information, contact your local Pella sales representative or go to energystar.gc.ca.

³ Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2,000 sq. ft. new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.

⁴ Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.

⁵ Double-hung window available with dual-pane glass only.

⁶ Optional high-altitude Low-E insulating glass does not contain argon in most products. Please see your local Pella sales representative for more information.
GRILLES

Choose the look of true-divided-light, removable roomside grilles or make cleaning easier by selecting grilles-between-the-glass.

GRILLE PATTERNS

In addition to the patterns shown here, custom grille patterns are available.

Screens

ROLSCREEN®

Rolscreen soft-closing retractable screens roll out of sight when not in use. Available on casement windows and sliding patio doors.

FLAT

InView™ screens are clearer than conventional screens and come standard. VividView® screens offer the sharpest view and are optional.

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.
Window Hardware  
PELLA® LIFESTYLE SERIES

ESSENTIAL COLLECTION  
Our most popular design with finishes to suit every style.

Patio Door Hardware ¹

ESSENTIAL COLLECTION  
Elevate your style and transform your home with elegant selections.

¹ On hinged patio doors, Endura Hardware Collection offers a 10-year warranty. See written warranty for complete details at pella.com/warranty.

Want to learn more? Call us at 833-44-PELLA or visit pella.com
Fixed Skylight
Deck and Curb-Mounted

VELUX®
The No Leak Skylight™

Bringing light to life
Why Skylights?

We often ask, "Why skylights?" but with countless reasons to enjoy more natural light in your home, we really should be asking, "Why not skylights?" Natural light is a powerful designing tool that continuously redesigns the look and the feel of your space every day. But it doesn’t stop there. By bringing more light into our homes, our moods are boosted, and our health and well-being are improved. So, really, why not skylights?

Your Home. Your Skylight.

Homes full of light are homes full of life. When thinking about renovating your home, before you do anything else, look up and say "hello" to your fifth wall. As the most unnoticed, yet impactful wall in every room, your ceiling can be your next design space. It’s time to change more than just your wall color; transform the look and feel of your entire home with VELUX.

Ambient Light

Light entering your home and bouncing of your walls and floors gives the space a glowing look and feel.
Privacy
Unlike vertical windows, your skylight is positioned on your roof to help protect your home’s privacy down below.

Lower Electric Bill
Turn off more lights in your home by soaking up all the free, natural light from above.

Unique Design
Add the finishing touch to your skylight by adding any VELUX designer blind.

Visually Expand
With endless amount of sky views, your skylight can visually expand the look and feel of your space.
Meet your skylight.

The Room Brightening Skylight

The discreet nature of the VELUX Fixed Skylight offers endless sky views and dramatic transformations without obstructing your roofline.

Choose the Go Solar option with this skylight and the entire cost of product and installation is eligible for a 30% federal tax savings. Estimated savings of $750.

Neat® Glass

Exceptionally smooth glass that disperses water evenly, reduces unwanted outside noise by up to 25% more than standard double pane glass, and up to 50% more than a plastic skylight.
Daylight
Visually expanding your home with sky views and bright, natural light, the skylight brings in plenty of daylight to reduce your dependency on electricity.

No Leak Promise
When you install a VELUX skylight, it carries a No Leak Promise and Warranty that covers your skylight with a 10-year installation warranty, 20 years on glass, and 10 years on the product.
SAVE 30%
When you Go Solar with Federal Tax Credit.

For more information visit:
veluxusa.com/go-solar
Go Solar. Save big!

Part of VELUX’s goal in becoming the world leader in skylights has been to put to excellent use our most abundant natural resource: sunlight. By developing and manufacturing environmentally friendly products that allow daylight and fresh air into your home, we’re helping reduce electricity dependency. And when you “Go Solar” by bundling certain products, you can really work to lower your carbon footprint!

Go Solar with VELUX to reduce your energy consumption and actively fine-tune the climate inside your home as the seasons change. By going solar, you can exchange artificial light for natural light and cut ties with those high energy bills.

Go Solar Cost Savings:

**Fixed Skylight Option**

<table>
<thead>
<tr>
<th>Estimated price/savings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$400 Fixed Skylight &amp; Flashing</td>
<td></td>
</tr>
<tr>
<td>+ $1,500 New Installation</td>
<td>$1,900 Final Cost</td>
</tr>
</tbody>
</table>

**Go Solar Option**

<table>
<thead>
<tr>
<th>Estimated price/savings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$785 Fixed Skylight, Blind &amp; Flashing</td>
<td></td>
</tr>
<tr>
<td>+ FREE VELUX ACTIVE Gateway</td>
<td>$1,592 Final Cost</td>
</tr>
<tr>
<td>+ $1,500 New Installation</td>
<td></td>
</tr>
<tr>
<td><strong>$2,275 Subtotal Cost</strong></td>
<td></td>
</tr>
<tr>
<td>- $683 30% Federal Tax Credit*</td>
<td></td>
</tr>
<tr>
<td><strong>$1,592 Final Cost</strong></td>
<td></td>
</tr>
</tbody>
</table>

$1,900

$1,600*

*Based on tax credit eligibility. For more information visit veluxusa.com/go-solar.

1 VELUX ACTIVE Gateway not included with the Go Solar option for the VELUX Solar Powered “Fresh Air” Skylight.

2 Actual installation costs will vary from these estimates based on new installation or replacement and common variables in roof construction and shaft construction. Local delivery costs and applicable sales tax not considered for these estimates. These numbers are provided as estimates only.
Customize the light.

Perfect Blind Pairing

Finish the look of your space by pairing blinds to your VELUX Fixed Skylight. VELUX offers a wide-selection of factory-installed, solar-powered blinds that range from completely darkening a room to softly diffusing incoming light, giving you ultimate light control.

Room-darkening, double-pleated blinds

- White CS00
- Beige CS01
- Charcoal CS41
- Green CS42
- Gray CS43

Light-filtering, single-pleated blinds

- White FS00
- Classic Sand FS01
- Misty Brown FS31
- Lovely Latte FS32
- Shiny Cappuccino FS33
FREE Installation Factory Blinds
Choose from 10 factory-installed skylight blinds
Fixed Skylights

Deck-Mounted, Curb-Mounted

Deck-Mounted - FS
Mounts directly to the roof deck

Curb-Mounted - FCM
Mounts directly to a site-built curb

Benefits

- Pre-finished white wood frame and protective aluminum or copper cladding.
- Streamlined exterior profile does not obstruct your roofline.
- Streamlined exterior profile does not obstruct your roofline.
- Pre-mounted Pick&Click!™ system brackets make the installation of sunscreen blinds a snap.

FS Model Size

<table>
<thead>
<tr>
<th>Rough Opening (W-in x H-in.)</th>
<th>A06</th>
<th>C01</th>
<th>C04</th>
<th>C06</th>
<th>C08</th>
<th>C12</th>
<th>D26</th>
<th>D06</th>
<th>M02</th>
<th>M04</th>
<th>M06</th>
<th>M08</th>
<th>S01</th>
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<td>14½ x 45½</td>
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FCM Model Size

<table>
<thead>
<tr>
<th>Outside Curb (W-in x H-in.)</th>
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<th>1446</th>
<th>2222</th>
<th>2230</th>
<th>2234</th>
<th>2246</th>
<th>2270</th>
<th>3030</th>
<th>3046</th>
<th>3434</th>
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Model FS sizes D26 and D06 fit perfectly between roof trusses.
Safest Glass to Live Under

Clean, Quiet & Safe

When selecting a VELUX Fixed Skylight rest assured your skylight comes with our most-recommended, top-rated glass: Clean, Quiet & Safe. Named for its three biggest benefits, this glass comes with state-of-the-art, energy-conserving LowE glass, designed to keep your home warmer in the winter and cooler in the summer.

**Clean:** Skylights stay cleaner longer with Neat® glass coating.

**Quiet:** Reduces unwanted outside noise by up to 25% compared to a standard double pane glass and up to 50% compared to a plastic skylight.

**Safe:** Unlike tempered, this glass does not shatter into pieces when cracked.

ENERGY STAR certified products are the most straightforward way to help meet energy codes.

Most VELUX residential products are ENERGY STAR certified in all 50 states. By specifying or using ENERGY STAR certified products, architects and builders can use windows and skylights to bring much needed daylight and fresh air inside, creating more attractive buildings and livable spaces while still meeting the local energy codes.

3 Layers of Protection

The No Leak Skylight

1. **Pre-attached Seal**
   Pre-attached deck seal (deck-mounted) or gasket (curb-mounted) provides a tight seal for leak-proof installation.

2. **Adhesive Underlayment**
   Adhesive underlayment for secondary water protection against the harshest weather conditions.

3. **Engineered Flashing**
   Engineered flashing for easy installation and primary water protection.
NOTICE: ALL GLASS MAY BE SUBJECT TO UNEXPECTED AND SPONTANEOUS BREAKAGE in rare circumstances due to imperfections in the glass that are undetectable during the manufacturing and inspection process by the manufacturer of the glass and VELUX.

VELUX offers the choice of laminated or tempered glass skylights. Impact glass and comfort plus glass are all types of laminated glass. Comfort glass is a type of tempered glass. Laminated glass is a combination of two or more glass sheets with one or more interlayers of plastic (PVB) or resin. In case of breakage, the interlayer is designed to hold the fragments together. Tempered glass does not contain an interlayer to hold the fragments together. Instead, tempered glass is designed to break into small, pebble-like pieces. When tempered glass breaks, pieces of glass come loose and may strike an individual.

CONSULT LOCAL REGULATIONS AND/OR BUILDING MATERIAL CONSULTANTS TO DETERMINE WHICH TYPE OF GLASS IS RIGHT FOR YOU OR IF LAMINATED GLASS ISREQUIRED IN YOUR APPLICATION.