MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION
STAFF REPORT

Address: 7209 Holly Ave., Takoma Park
Resource: Outstanding Resource
Takoma Park Historic District
Applicant: Jamie and Sarah Raskin
(Jane Treacy, Architect)
Review: HAWP
Case Number: 37/03-19HH

PROPOSAL: Demolition and building addition

STAFF RECOMMENDATION

Staff recommends that the HPC approve the HAWP application.

ARCHITECTURAL DESCRIPTION

SIGNIFICANCE: Outstanding Resource within the Takoma Park Historic District
STYLE: Queen Anne
DATE: c. 1890s

Fig. 1: Subject property.
BACKGROUND
The applicants previously appeared before the Commission for a preliminary consultation at the June 26, 2019 HPC meeting.¹

PROPOSAL
The applicants propose to remove the existing rear addition and construct a new rear addition.

APPLICABLE GUIDELINES
When reviewing alterations and new construction within the Takoma Park 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 Takoma Park 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.

Takoma Park Historic District 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 all visible from the public right-of-way, irrespective of landscaping or vegetation (it is expected that 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 historic district.

Outstanding Resources – Residential
The Guidelines characterize Outstanding Resources as those

... which [are] of outstanding significance due to [their] architectural and/or historical features. An Outstanding Resource may date from any historical period and may be representative of any architectural style. However, it must have special features, architectural details and/or historical associations that make the resource especially representative of an architectural style, it must be especially important to the history of the district, and/or it must be especially unique within the context 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”.

¹ Link to audio/video transcript from the June 26, 2019 HPC meeting: http://mncppc.granicus.com/MediaPlayer.php?publish_id=b8e2f280-98de-11e9-b00b-0050569183fa
The specific *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.

- All changes and additions should respect existing environmental settings, landscaping, and patterns of open space.

*Montgomery County Code; Chapter 24A-8*

(a) The commission shall instruct the director to deny a permit if it finds, based on the evidence and information presented to or before the commission that the alteration for which the permit is sought would be inappropriate, inconsistent with or detrimental to the preservation, enhancement or ultimate protection of the historic site or historic resource within an historic district, and to the purposes of this chapter.

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

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

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

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

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

5. The proposal is necessary in order that the owner of the subject property not be deprived of reasonable use of the property or suffer undue hardship; 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 [or, as in this case, the historic district] shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided; and

9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic 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. 1890s Queen Anne-style Outstanding Resource within the Takoma Park Historic District. The house fronts on Holly Avenue to the north-west, and there is currently a one-story addition with left/north-east side projection and a non-historic first-floor porch on piers at the rear.

The applicants previously appeared before the Commission for a preliminary consultation at the June 26, 2019 HPC meeting. Staff expressed several concerns regarding the applicants’ proposal in the preliminary consultation staff report dated June 19, 2019, including: the introduction of a large singular roof form with the proposed rear addition; incompatible fenestration, with two-over-two windows proposed for the addition and one-over-one windows on the historic house; the projection of the left/north-east side addition, which was proposed to be replaced in the same approximate footprint; and the construction of a roof over the left/north-east side deck, which would extend into the historic massing.

Prior to the June 26, 2019 HPC meeting, the applicants revised their proposal, addressing the concerns outlined in the staff report. Specific revisions included breaking up the perceived massing of the addition with two roof forms; retaining the existing projection at the left/north-east side of the addition; and removal of the roof over the left/north-east side deck from the proposal.

The applicants presented their revisions at the preliminary consultation, and the Commission was supportive, finding that their most of their concerns had been addressed. However, the applicants continued to propose two-over-two windows for the rear addition. The Commission expressed concern regarding the compatibility of the proposed windows, and they suggested either one-over-one or two-over-one windows as an appropriate alternative.

The current proposal is consistent with the revisions presented at the June 26, 2019 preliminary consultation, and the applicants have further amended the application to show two-over-one windows for the addition, in accordance with the Commission’s comments.

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

**STAFF RECOMMENDATION**

Staff recommends that the Commission approve the HAWP application under the Criteria for Issuance in Chapter 24A-8(b), (1), (2), (c) & (d) having found that the proposal is consistent with the Takoma Park Historic District Guidelines, 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.
HISTORIC PRESERVATION COMMISSION
301/563-3400
APPLICATION FOR
HISTORIC AREA WORK PERMIT

jane@treacyeagleburger.com

Jane Treacy

202-362-5226 ext 1

Name of Property Owner: Jamin & Sarah Raskin

Address: 7209 Holly Avenue

City: Takoma Park

Maryland: 20912

Street Number: TBD

City: TBD

Street Number: TBD

Zip Code: 20912

Contractor: TBD

Agent for Owner: Jane Treacy, Architect

Daytime Phone No.: 202-362-5226 ext 1

Aboveground Building

LOCATION OF BUILDING PREMISE

City: Takoma Park

Nearest Cross Street: Tulip Avenue

Lot: P6

Block: 6

Subdivision: 0025

1. Construction cost estimator: $ 575,000

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

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01 ☑ WSSC 02 ☐ Septic 03 ☐ Other:

2B. Type of water supply: 01 ☑ WSSC 02 ☑ Well 03 ☐ Other:

PART THREE: COMPLETE ONLY IF FENCE/RETAINING WALL

3A. Height: 4 feet 2 inches

3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:

☐ On property line/property line ☐ Entirely on land of owner ☐ On public right of way/basement

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

June 3, 2019

Approved: For Chairperson, Historic Preservation Commission

Disapproved: Signature:

Date:

Application/Permit No.: Date Filed: Date Issued:

SEE REVERSE SIDE FOR INSTRUCTIONS
# 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>Jamie &amp; Sarah Raskin</td>
<td>Jane Treacy</td>
</tr>
<tr>
<td>7209 Holly Avenue</td>
<td>Treacy &amp; Eagleburger Architects</td>
</tr>
<tr>
<td>Takoma Park, MD 20912</td>
<td>3335 Connecticut Ave, NW</td>
</tr>
<tr>
<td></td>
<td>Washington, DC 20008</td>
</tr>
</tbody>
</table>

## Adjacent and Confronting Property Owners mailing addresses

<table>
<thead>
<tr>
<th>Karl Wright &amp; Jozeofin van Damme</th>
<th>Harold Phipps</th>
</tr>
</thead>
<tbody>
<tr>
<td>7206 Holly Avenue</td>
<td>7210 Holly Avenue</td>
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<tr>
<td>Takoma Park, MD 20912</td>
<td>Takoma Park, MD 20912</td>
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<table>
<thead>
<tr>
<th>Timothy &amp; Brigette Searchinger</th>
<th>Nancy Knight &amp; Martin Collins</th>
</tr>
</thead>
<tbody>
<tr>
<td>7207 Holly Avenue</td>
<td>7211 Holly Avenue</td>
</tr>
<tr>
<td>Takoma Park, MD 20912</td>
<td>Takoma Park, MD 20912</td>
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<thead>
<tr>
<th>Wolfgang &amp; Gertrude Mergner</th>
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<tbody>
<tr>
<td>104 Tulip Avenue</td>
<td></td>
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<tr>
<td>Takoma Park, MD 20912</td>
<td></td>
</tr>
</tbody>
</table>
A  NORTH ELEVATION EXISTING
1/8" = 1'-0"

B  NORTH ELEVATION - PROPOSED
1/8" = 1'-0"

SPINGLE ROOFING
PTD, METAL ROOF
NEW PTD, METAL ROOF
PTD, ALUM, GUTTER & DOWNSPOUT, TO MATCH EXISTING
PTD, DORAL TRIM & SIDING, TYP.
EXIST. SIDING TO REMAIN
PTD, CEDAR FRAMES W/ALUM. SORSEND
BRICK GARDEN WALL
EXISTING BRICK
PARGED FOUNDATION

REPLACE EXIST. SPINGLE ROOFING
NEW "FLAGSTONE & STEPS"
NEW STONE PLANTER WALL
PTD. WD. RAILING TO MATCH EXISTING @ FRONT PORCH

RASKIN
7309 HOLLY AVENUE
TAKOMA PARK, MD 20912

HAWP
ELEVATIONS
1/8" = 1'-0"
07.32.2010

TREACY & EAGLEBURGER
ARCHITECTS
3335 CONNECTICUT AVENUE, NW, WASHINGTON, DC 20008
202-363-5236 ■ FAX: 202-363-7791

12
SOUTH ELEVATION EXISTING

EXISTING BRICK CHIMNEY
REPLACE EXIST. SHINGLE ROOFING

SOUTH ELEVATION - PROPOSED

SHINGLE ROOF
FTD. METAL ROOF
FTD. ALUM. GUTTER & DOWNSPOUT. TO MATCH EXISTING
FTD. BORAL TRIM & SIDING, TYP.
FTD. CEDAR FRAMES WALUM. SCREENS
FARED MASONRY

REPLACE EXISTING PAIR OF DOUBLE HUNG WITH PAIR OF CASEMENTS FOR EGRESS

RASKIN
7309 HOLLY AVENUE
TAKOMA PARK, MD 20912

HAWP ELEVATIONS
1/8"=1'-0"
07.33.2010

TREACY & Eagelburger ARCHITECTS
3335 Connecticut Avenue, NW, Washington, DC 20008
202-362-5236 FAX: 202-362-7791

14
NORTH-EAST SIDE:
REMOVE AND INFILL EXISTING WINDOW BEHIND STEPS (NOT ORIGINAL TO THE HISTORIC HOUSE)

SOUTH-WEST SIDE:
REPLACE EXISTING PAIR OF DOUBLE HUNG (NOT ORIGINAL TO THE HISTORIC HOUSE) WITH PAIR OF CASEMENTS FOR EGRESS

ORIGINAL HOUSE SIDING PROFILE
Pinnacle Series
DOUBLE HUNG - 24" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

UPPER AND LOWER FRAME
ROAD OVER
GLASS

2-8 3/4
2-6 1/8
2-6 1/8
2-5 3/8
2-4 1/8

24
24
24
24

OTHER GRILLE PATTERNS

UNIT SIZE INFORMATION
FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT

*ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

8/2/16
Pinnacle Series
DOUBLE HUNG - 26" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

Max. Opt. Framed
Point/Clef
Frame
Glass

<table>
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<th>5-6 1/8</th>
<th>8-1 1/2</th>
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<td>7-10 1/8</td>
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</table>

OTHER GRILLE PATTERNS

| PRARIE | PLAZA | DIAMOND |

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

*ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/2" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD 18" BRICKMOLD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.
Pinnacle Series
DOUBLE HUNG - 28" WIDE

ELEVATIONS
SCALE: 1/8" = 1'-0"

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<td>5-6 3/4</td>
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OTHER GRILLE PATTERNS
- PRARIE
- PLAZA
- DIAMOND

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 19/32" TO FRAME WIDTH
- ADD 1 9/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 5/8" TO FRAME WIDTH
- ADD 3 1/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACK-BAND
- ADD 7 5/8" TO FRAME WIDTH
- ADD 4 1/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 5/8" TO FRAME WIDTH
- ADD 5 1/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 1/8" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 5/8" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
ADD ADDITIONAL 1 1/32" FOR BELLY SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD/180 BRICKMOULD.
SHARED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

8/2/16
## Pinnacle Series
### DOUBLE HUNG - 32" WIDE

**ELEVATIONS**

**SCALE:** 1/8" = 1'-0"

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<tr>
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<td>3-2 1/8</td>
<td>3-2 1/8</td>
<td>Plaza</td>
<td>32</td>
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<tr>
<td>3-2 3/4</td>
<td>3-2 1/8</td>
<td>Diamond</td>
<td>32</td>
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### OTHER GRILLE PATTERNS

<table>
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<tr>
<th>Unit Size Information</th>
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</table>

- **FOR CLAD BRICKMOULD**
  - Add 2 13/16" to frame width
  - Add 1 3/4" to frame height*

- **FOR CLAD WILLIAMSBURG**
  - Add 6 1/2" to frame width
  - Add 3 3/8" to frame height*

- **FOR PRIMED WM-180**
  - Add 2 11/32" to frame width
  - Add 1 9/16" to frame height*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - Add 5 5/8" to frame width
  - Add 3 1/16" to frame height*

- **FOR PRIMED 4 1/2" BACKBAND**
  - Add 2 1/16" to frame width
  - Add 1 11/16" to frame height*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - Add 9 5/6" to frame width
  - Add 5 1/16" to frame height*

- **FOR PRIMED WILLIAMSBURG**
  - Add 2 1 1/8" to frame width
  - Add 2 13/16" to frame height*

- **FOR PRIMED PLANTATION**
  - Add 5 5/8" to frame width
  - Add 5 15/16" to frame height*

* Add additional 15/16" for bullnose sill
Add additional 1 1/32" for belly sill

**NOTE:**

Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening

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**NOTES:**

- Clad Masonry Openings are for standard frame with no casing.
- Primed Masonry Openings are for standard 18" Brickmold.
- Shaded sizes meet most egress requirements. Verify local codes.
Pinnacle Series

CLAD DOUBLE HUNG - Concealed Jambliner Option

SECTION DETAILS: DIVIDED LITE OPTIONS
SCALE: 3" = 1'-0"

AVAILABLE STYLES
- PUTTY
- Ogee
- Contemporary

SEEN BELOW FOR GRILLE OPTIONS

5/8" WDL WITH INNER BAR

7/8" WDL WITH INNERBAR

1 1/4" WDL WITH INNERBAR

2" WDL WITH INNERBAR

NOTE:
* ALL WDL OPTIONS CAN BE ORDERED WITH OR WITHOUT INNER BAR
* PERIMETER GRILLES ONLY AVAILABLE IN THE 7/8" AND 1 1/4" Ogee Style Glass Stop (see detail: A)
Pinnacle Series
CASEMENT - 24" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1' - 0"

OPERATION
LEFT
RIGHT
OPERATOR
STATIONARY

OTHER GRILLE PATTERNS
PRAIRIE
DIAMOND
2" SIMULATED CHECK RAIL

SINGLE PLAZA
DOUBLE PLAZA
TRIPLE PLAZA

UNIT SIZE INFORMATION
FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 8 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL T FOR BULLNOSE SILL
NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 16G BRICKMOULD
SHADOED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

7/20/17
Pinnacle Series
CASEMENT - 26" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

OPERATION
LEFT
RIGHT
OPERATOR
STATIONARY

OTHER GRILLE PATTERNS
PRAIRIE
DIAMOND
2" SIMULATED CHECK RAIL
SINGLE PLAZA
DOUBLE PLAZA
TRIPLE PLAZA

UNIT SIZE INFORMATION
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FOR PRIMED WM-180
- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/32" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTES:
- * REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
- CLAD BRICK MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
- SHAPED SIZES MEET MOST EGRESS REQUIREMENTS, VERIFY LOCAL CODES

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

7/20/17
# Pinnacle Series

## CASEMENT - 28" WIDE

**ELEVATIONS: OPERATING / STATIONARY / PICTURE**  
**SCALE: 1/8" = 1'-0"**

<table>
<thead>
<tr>
<th>Frame</th>
<th>Glass</th>
<th>2-11 9/16</th>
<th>5-7 9/16</th>
<th>8-3 9/16</th>
<th>10-11 9/16</th>
<th>2-8</th>
<th>5-4</th>
<th>8-0</th>
<th>10-8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>28</td>
</tr>
</tbody>
</table>

**OPERATION**

- **LEFT**: OPERATOR
- **RIGHT**: STATIONARY

**OTHER GRILLE PATTERNS**

- PRAIRIE
- DIAMOND
- 2" SIMULATED CHECK RAIL
- SINGLE PLAZA
- DOUBLE PLAZA
- TRIPLE PLAZA

**UNIT SIZE INFORMATION**

- **FOR CLAD BRICKMOULD**
  - ADD 2 13/16" TO FRAME WIDTH
  - ADD 1 3/4" TO FRAME HEIGHT*

- **FOR CLAD WILLIAMSBURG**
  - ADD 6 1/2" TO FRAME WIDTH
  - ADD 3 5/8" TO FRAME HEIGHT*

- **FOR PRIMED WM-180**
  - ADD 2 13/16" TO FRAME WIDTH
  - ADD 2 13/32" TO FRAME HEIGHT*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - ADD 5 13/16" TO FRAME WIDTH
  - ADD 3 15/16" TO FRAME HEIGHT*

- **FOR PRIMED 4 1/2" BACKBAND**
  - ADD 7 13/16" TO FRAME WIDTH
  - ADD 4 15/16" TO FRAME HEIGHT*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - ADD 9 13/16" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

- **FOR PRIMED WILLIAMSBURG**
  - ADD 5 3/8" TO FRAME WIDTH
  - ADD 3 11/16" TO FRAME HEIGHT*

- **FOR PRIMED PLANTATION**
  - ADD 5 13/16" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

*ADD ADDITIONAL 1" FOR BULLNOSE SILL

**NOTES:**

- REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
- CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
- PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
- SHADOWED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

**NOTE:**

ADD 3/4" TO UNIT WIDTH & 1 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

7/20/17
Pinnacle Series
CLAD CASEMENT

SECTION DETAILS: GLASS STOP & DIVIDED LITE OPTIONS
SCALE: 3" = 1'-0"

AVAILABLE STYLES
- PUTTY
- TALL PUTTY
- Ogee
- CONTEMPORARY

CONTEMPORARY GLASS STOP
INNER BAR
OGEE GLASS STOP

SEE BELOW FOR GRILLE OPTIONS

PERIMETER GRILLE

DETAIL: A

5/8" WDL WITH INNER BAR
7/8" WDL WITH INNERBAR
1 1/4" WDL WITH INNERBAR
2" WDL WITH INNERBAR

STANDARD INSULATING GLASS

1/3/16" INNER GRILLE

3/4" PROFILED INNER GRILLE

1" PROFILED INNER GRILLE

7/8" STICK & PERIMETER GRILLE

1 1/4" STICK & PERIMETER GRILLE

NOTE:
* ALL WDL OPTIONS CAN BE ORDERED WITH OR WITHOUT INNER BAR
* PERIMETER GRILLES ONLY AVAILABLE IN THE 7/8" AND 1 1/4" Ogee Style Glass Stop (SEE DETAIL: A)
PATIO DOORS

WOOD CLAD AND VINYL OPTIONS FROM WINDSOR WINDOWS & DOORS

www.windsorwindows.com
Pinnacle Series
CLAD PATIO DOOR - FRENCH OUTSWING

ELEVATIONS
SCALE: 1/8" = 1'-0"

<table>
<thead>
<tr>
<th>Main Door Size</th>
<th>Left Offset</th>
<th>Right Offset</th>
<th>Total Offset</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-9&quot;</td>
<td>2'-9&quot;</td>
<td>5'-4 13/16&quot;</td>
<td>8'-0 5/8&quot;</td>
</tr>
<tr>
<td>2'-8 1/4&quot;</td>
<td>2'-9&quot;</td>
<td>5'-4 1/16&quot;</td>
<td>7'-11 7/8&quot;</td>
</tr>
<tr>
<td>22</td>
<td>22</td>
<td>22</td>
<td></td>
</tr>
</tbody>
</table>

NOTE:
The active panel (X) can be placed in any position and hinged in either direction, left (O.L.), or right (X.R.). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 7/8" from frame & rough opening heights.

* BOTTOM RAIL
For 8" add 3 3/8" to glass height
For 10" subtract 2" from glass height

OTHER GRILLE PATTERNS

OTHER PANEL OPTIONS

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- Add 2 13/16" to frame width
- Add 1 13/32" to frame height

FOR CLAD WILLIAMSBURG
- Add 6 1/2" to frame width
- Add 3 1/4" to frame height

NOTE:
Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening

NOTES:
Clad Masonry Openings are for standard frame with no casing
All units listed are built as one frame

6/7/19
Pinnacle Series
CLAD PATIO DOOR - FRENCH INSWING

SECTION DETAILS: 4 9/16" JAMB WITH 3/4 LITE FLAT PANEL AND SIMULATED MIDRAIL
SCALE: 3" = 1'-0"

6/24/19
Pinnacle

Swinging Patio Doors

The highlight of a house. Your patio is an extension of your home, and your home is an extension of yourself and your style. That's why at Windsor we offer you several options for our Pinnacle swinging patio doors. Choose from in-swing or out-swing models. Add architectural interest to any project by choosing a curved seg-top patio door. Select one panel to operate or two panels. Include up to four panels in one frame. For safety, we can install multi-point locking hardware — for style, we can accent your doors with a customized transom, radius or sidelites. A complement to any home's décor, Windsor's beautifully crafted 1/2 and 3/4 lite panel doors are available in the finest wood interior finishes and offer more customizable features with one or two flat panels. The design options continue, with more than 50 different exterior clad colors and finishes, several hardware styles, multiple hardware finishes and numerous grille options.

NOTE: Primed in-swing patio doors come standard with cellular PVC exterior trim.
Custom Creations

**Finishing touches to perfect your vision.** Windsor does more than just create durable, high-performance windows and doors. We pay attention to every detail and offer a wide array of options and finishes to match any décor. Flashy and eye-catching or simple and understated, our hardware, finishes, grille options, cladding colors, glass options and trim options complete the perfect window and door package.

See the difference paint can make. Windsor’s in-house powder paint application can help you make a statement with your windows and doors. Choose from over 40 shades in our standard and feature color palettes, or make it truly unique with custom color matching. All paints are protected with the highly durable 2604 finish, or you can upgrade to 2605 for even stronger defense against the elements.¹

---

### Standard Clad Colors (For Pinnacle and Legend HBR)

![Standard Clad Colors](image)

### Feature Clad Colors (For Pinnacle and Legend HBR)

Custom color matching is also available.

![Feature Clad Colors](image)

---

¹ 2604 finish backed by a 20-year* warranty; 2605 finish backed by a 30-year* warranty; applications within one mile of the coast carry a 10-year warranty. For specific warranty details, please refer to the complete warranty document posted on our website, www.windsorwindows.com.

**NOTE:** Printing limitations prevent exact color/finish representation. See your Windsor distributor for actual samples.
Anodized Finishes *(For Pinnacle and Legend HBR)*

| Clear | Champagne | Light Bronze | Medium Bronze | Dark Bronze | Extra Dark Bronze | Black | Copper |

Standard Vinyl Colors *(For Next Dimension)*

| White | Clay |

Painted Vinyl Exterior Colors *(For Next Dimension)*

White vinyl interior is available with white, ivory, tan, bronze, cinnamon, hunter green or black exterior. Clay vinyl interior is available with bronze or black exterior.

| White | Ivory | Tan | Bronze | Cinnamon | Hunter Green | Black | Black |

Painted Vinyl Interior Colors *(For Next Dimension)*

| White | Clay |

Interior Wood Species and Finishes *(For Pinnacle and Legend HBR)*

Pinnacle bi-fold and multi-slide patio doors are only available in Clear Select Pine, Douglas Fir and Natural Alder.

Legend HBR patio doors are only available in Clear Select Pine, primed, painted white and painted black.

| Clear Select Pine | Douglas Fir | Natural Alder | Primed | Painted White | Painted Black |

Glass

*Special order item*

| LoE 366 (Standard) | Dual Low-E | Dual Low-E HS (Pinnacle clad only) | LoE 180 | LoE 240 | LoE 272 | Clear |
| Gray Tint | Bronze Tint | Obscure | Satin Etch | Glue Chip* | Rain* | Reed* |

NOTE: Printing limitations prevent exact color/finish representation. See your Windsor distributor for actual samples.
Grilles
All of our wood and cellular PVC (CPVC) Windsor Divided Lite bars are hand-fitted to ensure a perfect fit. *Next Dimension patio doors are only available with a 3/4" profiled inner grille in white or clay.*

7/8" & 1-1/4" Perimeter Grille (Not available on bi-fold) 3/4" & 1" Profiled Inner Grille* 13/16" Flat Inner Grille (Not available on bi-fold) 7/8" & 1-1/4" Interior Wood Windsor Divided Lite 7/8" & 1-1/4" Exterior Clad Windsor Divided Lite 5/8", 7/8 & 1-1/4" Short and Tall Putty Windsor Divided Lite 3/8", 7/8 & 1-1/4" Contemporary Windsor Divided Lite

Grille Patterns
Some grille patterns are not available in all configurations and products.

Grille Profiles (For Pinnacle and Legend HBR)

Interior Grilles – Ogee

7/8" 1-1/4" 2"

Interior Grilles – Putty

5/8" 7/8" 1-1/4"

Interior Grilles – Contemporary

5/8" 7/8" 1-1/4" 2"

Interior Grilles – Midrail

3-3/8"

Exterior Grilles – Ogee

7/8" 1-1/4"

Exterior Grilles – Putty

5/8" (Short) 7/8" (Short) 1-1/4" (Short)

Exterior Grilles – Contemporary

5/8" (Tail) 7/8" (Tail) 1-1/4" (Tail) 2" (Tail)

Exterior Grilles – Midrail

3-3/8"
Patio Door Handle and Hinge Finishes (*For Pinnacle and Legend HBR*)

Finishes marked with (*) feature a clear coating that protects the finish against tarnishing and peeling. It extends the rich, bright life of the finish and dramatically delays the aging process.

![Finishes Image]

Patio Door Handles (*For Pinnacle and Legend HBR*)

1/Slide doors are available with a classic or contemporary swinging handle in satin nickel, brass, and oil rubbed bronze; 2/Euro swinging handle is only available in satin nickel and black; 3/Flush mount handle is only available in satin nickel, faux bronze, oil rubbed bronze, and black.

![Handles Image]

Sliding Patio Door Handle and Finishes (*For Next Dimension*)

Finishes are the same for both interior and exterior handles.

![Sliding Handles Image]

Swinging Patio Door Hinges (*For Pinnacle and Legend HBR*)

![Hinges Image]

**NOTE:** Printing limitations prevent exact color/finish representation. See your Windsor distributor for actual samples.
Pioneering an entirely new category of building materials made with the revolutionary poly-ash material.

TruExterior® Siding & Trim is the only product available today that addresses issues commonly seen with other exterior materials on the market.

**MOISTURE**
TruExterior® products contain no wood fiber, preventing issues that commonly plague wood, wood composites and other fiber cement.
- No need to prime ends or field cuts
- Resists rot and termite attacks*
- No swelling*
- No cracking or splitting
- No cupping or checking*
- Suitable for ground contact

**MOVERSMENT**
TruExterior® products offer a high level of dimensional stability, eliminating many of the movement-related issues seen in other siding and trim products.
- Installation is the same regardless of the season
- No need for special paints
- No limitations on paint colors

**OUR PRODUCT OFFERNG**
With a complete offering of 4/4, 5/4 and 2x trim, accessories, beadboard and siding, TruExterior® Siding & Trim has everything you need to create a polished and professional installation.
- Siding
- Beadboard
- Trim
- Accessories

**V-RUSTIC**

The V-Rustic profile features a deep “V” groove that creates an appealing shadow line effect.

**Available Finish:**
- smooth

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Reveal (C)</th>
<th>Channel (D)</th>
<th>Tongue (E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 6</td>
<td>0.6875&quot;</td>
<td>5.50&quot;</td>
<td>5.0&quot;</td>
<td>0.625&quot;</td>
<td>0.50&quot;</td>
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<tr>
<td>1 x 8</td>
<td>0.6875&quot;</td>
<td>7.50&quot;</td>
<td>7.0&quot;</td>
<td>0.625&quot;</td>
<td>0.50&quot;</td>
</tr>
<tr>
<td>1 x 10</td>
<td>0.6875&quot;</td>
<td>9.50&quot;</td>
<td>9.0&quot;</td>
<td>0.625&quot;</td>
<td>0.50&quot;</td>
</tr>
</tbody>
</table>

**COVE/DUTCH LAP**

The Cove/Dutch Lap profile features a subtle curve that creates a unique, eased appearance.

**Available Finish:**
- smooth

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Reveal (C)</th>
<th>Channel (D)</th>
<th>Tongue (E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 6</td>
<td>0.6875&quot;</td>
<td>5.50&quot;</td>
<td>4.969&quot;</td>
<td>1.469&quot;</td>
<td>0.531&quot;</td>
</tr>
<tr>
<td>1 x 8</td>
<td>0.6875&quot;</td>
<td>7.25&quot;</td>
<td>6.719&quot;</td>
<td>1.469&quot;</td>
<td>0.531&quot;</td>
</tr>
<tr>
<td>1 x 10</td>
<td>0.6875&quot;</td>
<td>9.25&quot;</td>
<td>8.719&quot;</td>
<td>1.469&quot;</td>
<td>0.531&quot;</td>
</tr>
</tbody>
</table>

**CHANNEL**

The Channel profile’s wide groove creates a rich shadow line effect.

**Available Finish:**
- smooth

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Reveal (C)</th>
<th>Channel (D)</th>
<th>Tongue (E)</th>
</tr>
</thead>
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<tr>
<td>1 x 6</td>
<td>0.6875&quot;</td>
<td>5.50&quot;</td>
<td>4.969&quot;</td>
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<td>0.531&quot;</td>
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<td>1 x 8</td>
<td>0.6875&quot;</td>
<td>7.25&quot;</td>
<td>6.719&quot;</td>
<td>0.969&quot;</td>
<td>0.531&quot;</td>
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<td>8.719&quot;</td>
<td>0.969&quot;</td>
<td>0.531&quot;</td>
</tr>
</tbody>
</table>
Beadboard

Including 4-inch, double-4 and double-6 profiles, TruExterior® Beadboard is ideal for porch ceilings, soffits and decorative wall applications, and allows for a variety of installations, as it can be attached in either parallel or perpendicular directions.

It’s “tongue-and-groove” design allows it to be fastened through the tongue, resulting in a clean look free from visible fasteners, or it can be reversed to offer a contemporary “V-groove” appearance.
### SINGLE BEADBOARD

Two distinct beaded patterns—4" and 6"—to suit the most popular design trends.

**Available Finish:**

- smooth

### DOUBLE BEADBOARD

The same appearance as the single-profile products, but with twice the coverage.

**Available Finish:**

- smooth

---

*Please see TruExterior® Siding & Trim Limited Warranties and Product Data Sheets for proprietary test results, located at TruExterior.com.*
Trim

Designed to be used in non-load-bearing applications, TruExterior® Trim is suitable for ground contact and moisture-prone areas, which makes it ideal for exterior trim applications such as fascia, door trim, soffits, rake boards and a variety of other applications. There is no need to prime ends or field cuts. Plus, it can be painted any color. TruExterior® Trim accepts a wide variety of fasteners and can be installed using standard woodworking tools and methods.
<table>
<thead>
<tr>
<th>1X Trim Sizes</th>
<th>5/4 Trim Sizes</th>
<th>2X Trim Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal</td>
<td>Actual</td>
<td>Nominal</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>1 x 3</td>
<td>3/4&quot; x 2-1/2&quot;</td>
<td>5/4 x 3</td>
</tr>
<tr>
<td>1 x 4</td>
<td>3/4&quot; x 3-1/2&quot;</td>
<td>5/4 x 4</td>
</tr>
<tr>
<td>1 x 5</td>
<td>3/4&quot; x 4-1/2&quot;</td>
<td>5/4 x 5</td>
</tr>
<tr>
<td>1 x 6</td>
<td>3/4&quot; x 5-1/2&quot;</td>
<td>5/4 x 6</td>
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<tr>
<td>1 x 8</td>
<td>3/4&quot; x 7-1/4&quot;</td>
<td>5/4 x 8</td>
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<tr>
<td>1 x 10</td>
<td>3/4&quot; x 9-1/4&quot;</td>
<td>5/4 x 10</td>
</tr>
<tr>
<td>1 x 12</td>
<td>3/4&quot; x 11-1/4&quot;</td>
<td>5/4 x 12</td>
</tr>
</tbody>
</table>

TruExterior® Trim is reversible with woodgrain on one side and a smooth finish on the reverse. Available in 16' and 12' lengths.

Available Finishes: (reversible) smooth woodgrain

*Please see TruExterior® Siding & Trim Limited Warranties and Product Data Sheets for proprietary test results, located at TruExterior.com.
Accessories

TruExterior® Siding & Trim Accessories make it easy to create polished, professional-looking siding and trim installations. Decorative yet functional, the poly-ash accessories are designed to go where other materials can’t, making them the perfect complement to cedar, fiber cement and other traditional siding products, as they are suitable for ground, roofline and masonry contact.

SKIRT BOARD
Provides a decorative yet functional way to create the required clearance between siding and grade.

Available Finishes: (not reversible)

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Tongue (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 6</td>
<td>0.75&quot;</td>
<td>5.50&quot;</td>
<td>1.0&quot;</td>
</tr>
<tr>
<td>1 x 8</td>
<td>0.75&quot;</td>
<td>7.25&quot;</td>
<td>1.0&quot;</td>
</tr>
<tr>
<td>5/4 x 6</td>
<td>1.0&quot;</td>
<td>5.50&quot;</td>
<td>1.0&quot;</td>
</tr>
<tr>
<td>5/4 x 8</td>
<td>1.0&quot;</td>
<td>7.25&quot;</td>
<td>1.0&quot;</td>
</tr>
</tbody>
</table>

WINDOW POCKET RABBETED TRIM
The rabbeted groove helps trim to sit flush over the window’s nailing flange, eliminating the need for cuts or shims.

Available Finishes: (not reversible)

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Window Pocket (W&quot; x W&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/4 x 4</td>
<td>1.0&quot;</td>
<td>3.50&quot;</td>
<td>0.187&quot; x 1.88&quot;</td>
</tr>
<tr>
<td>5/4 x 6</td>
<td>1.0&quot;</td>
<td>5.50&quot;</td>
<td>0.187&quot; x 1.88&quot;</td>
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<td>7.25&quot;</td>
<td>0.187&quot; x 1.88&quot;</td>
</tr>
</tbody>
</table>
### SIDING POCKET RABBETED TRIM

Perfect for end wall terminations, this trim with a 3/4" siding pocket accepts all TruExterior® Siding profiles.

Available Finishes: (not reversible)

- smooth
- woodgrain

### WINDOW AND SIDING POCKET RABBETED TRIM

The ultimate accessory to build a neat, professional-looking window surround.

Available Finishes: (not reversible)

- smooth
- woodgrain

---

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Siding Pocket (S' x S&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/4 x 3</td>
<td>1.0&quot;</td>
<td>2.50&quot;</td>
<td>0.75&quot; x 0.75&quot;</td>
</tr>
<tr>
<td>5/4 x 4</td>
<td>1.0&quot;</td>
<td>3.50&quot;</td>
<td>0.75&quot; x 0.75&quot;</td>
</tr>
<tr>
<td>5/4 x 5</td>
<td>1.0&quot;</td>
<td>4.50&quot;</td>
<td>0.75&quot; x 0.75&quot;</td>
</tr>
<tr>
<td>5/4 x 6</td>
<td>1.0&quot;</td>
<td>5.50&quot;</td>
<td>0.75&quot; x 0.75&quot;</td>
</tr>
<tr>
<td>5/4 x 8</td>
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<th>Window Pocket (W&quot; x W&quot;)</th>
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<tr>
<td>5/4 x 4</td>
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<td>1.0&quot;</td>
<td>7.25&quot;</td>
<td>0.187&quot; x 1.88&quot;</td>
<td>0.75&quot; x 0.75&quot;</td>
</tr>
</tbody>
</table>
restore the look of a grand cape cod or add distinction to a handsome bungalow. hardieshingle® siding embodies the enchanting look of cedar shingles with lower maintenance.

better than the real thing, hardieshingle siding resists rotting, curling, warping and splitting.

achieve the handcrafted look of cedar.
### Staggered Edge Panel

<table>
<thead>
<tr>
<th></th>
<th>Sandstone Beige</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>1/4 in.</td>
</tr>
<tr>
<td>Length</td>
<td>48 in.</td>
</tr>
<tr>
<td>Height</td>
<td>15.25 in.</td>
</tr>
<tr>
<td>Exposure</td>
<td>6 in.</td>
</tr>
<tr>
<td>Pcs./Pallet</td>
<td>100</td>
</tr>
<tr>
<td>Sq./Pallet</td>
<td>2</td>
</tr>
<tr>
<td>Pcs./Sq.</td>
<td>50</td>
</tr>
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</table>

### Straight Edge Panel

<table>
<thead>
<tr>
<th></th>
<th>Iron Gray</th>
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</thead>
<tbody>
<tr>
<td>Thickness</td>
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</tr>
<tr>
<td>Length</td>
<td>48 in.</td>
</tr>
<tr>
<td>Height</td>
<td>14 in.</td>
</tr>
<tr>
<td>Exposure</td>
<td>5 in.</td>
</tr>
<tr>
<td>Pcs./Pallet</td>
<td>120</td>
</tr>
<tr>
<td>Sq./Pallet</td>
<td>2</td>
</tr>
<tr>
<td>Pcs./Sq.</td>
<td>60</td>
</tr>
</tbody>
</table>

### Half Rounds

<table>
<thead>
<tr>
<th></th>
<th>Monterey Taupe</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>1/4 in.</td>
</tr>
<tr>
<td>Length</td>
<td>48 in.</td>
</tr>
<tr>
<td>Height</td>
<td>15.25 in.</td>
</tr>
<tr>
<td>Exposure</td>
<td>7 in.</td>
</tr>
<tr>
<td>Pcs./Pallet</td>
<td>86</td>
</tr>
<tr>
<td>Sq./Pallet</td>
<td>2</td>
</tr>
<tr>
<td>Pcs./Sq.</td>
<td>43</td>
</tr>
</tbody>
</table>

### Individual Shingles*

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Thickness</td>
<td>1/4 in.</td>
</tr>
<tr>
<td>Length</td>
<td>4.2 in.</td>
</tr>
<tr>
<td>Height</td>
<td>15.25 in.</td>
</tr>
<tr>
<td>Exposure</td>
<td>7 in.</td>
</tr>
<tr>
<td>Pcs./Pallet</td>
<td>630</td>
</tr>
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<td>Sq./Pallet</td>
<td>2</td>
</tr>
<tr>
<td>Pcs./Sq.</td>
<td>315</td>
</tr>
</tbody>
</table>

*3 in. Straight Edge Panel and 6 in. Individual Shingles available exclusively with ColorPlus Technology and only in Philadelphia and New England districts.

Products are available primed or with ColorPlus Technology finishes. For more details, visit jameshardiepros.com
IPE DECKING

The Gold Standard in Decking

IPE SPECS  Everything You Need to Know

Common Name  Ipe

Scientific/Botanical Name  *Tabebuia* spp. (Lapacho group)

Additional Names  Ipe is also known as:

- Brazilian Walnut
- Amapa
- Cortez
- Guayacan Polvillo
- Flor Amarillo
- Greenheart
- Madera Negra
- Tahuari
- Lapacho Negro
**Origin** South America (specifically Brazil), Central America, the Lesser Antilles. The tabebuia tree can be found in a diverse number of areas.

**General Characteristics**
with a diameter between 2 to 3 feet.

**Common Uses** Ipe is often used for:

- Decking
- Flooring
- Siding
- Docks
- Interior wall panels
- Sunrooms

**Moisture Content** Air dried to approximately 12% for use on exterior projects. It is highly recommended to use kiln-dried ipe for interior areas that will be exposed to artificial heat and/or air-conditioning. Consult with us about adequate moisture content levels for your area.

**Working Properties** Here are a few things to keep in mind when working with ipe:

- Blunting effect on cutters
- Routs nicely
- Use carbide-tipped saw blades
- Predrilling required
- Stainless steel hardware required

**Durability** If left untreated ipe wood decking will last 40+ years. When a deck oil / finish is applied to all four sides prior to installation, an ipe deck can last up to 100 years. The USFPL (United States Forest Products Lab) classified ipe decking as “Very Durable” (their highest rating).

Ipe decking resists:

- Termites
- Cupping
- Bending
- Decay
- Fungi
**Weight** Ipe wood decking has specific gravity of 0.85 to 1.08. Air dried density is 66 to 75 lbs. per cubic ft. A 3/4" thick finish material weights approx. 4.5 lbs. per sq ft.

**Drying and Contraction (Green to Kiln-Dried)** Radial 6.6%, tangential 8.0%, volumetric 13.2%. Small movement after being milled. As the weather changes, average movement for an air-dried deck board about 6" wide is roughly 1/16".

**Hardness** Ipe hardwood has a Janka Hardness Rating of 3,680 lbs with air-dried decking and 12% moisture content. When tested (ASTM-D143), an ipe deck is around eight times harder than California redwood and three times stronger than teak. Ipe decking holds up even in harsh climates and extreme conditions.

**U.S. Naval Research Laboratory Termite Resistance** Highest Rating

**Fire Resistance** Tested by the National Fire Protection Agency (ASTM-E84). Ipe wood decking received the highest classification for Flame Spread: Up to Class A, Uniform Building Code, Class 1.

**Slip Resistance** Our ipe decking exceeds the Americans with Disabilities Act requirements for Static Coefficient of friction in a wet environment. Ipe wood decking has also met the ASTM-C1028-89 test requirements as well.

**Strength** Three times stronger than Cedar, our inventory of ipe decking exceeds all existing code requirements for exterior constructions and has been ASTM-D143 tested. An ipe deck will be able to structurally handle many square feet of snow!
LANDMARK® PRO
The Expert’s Choice

Shown in Max Def Driftwood
Introducing More Value

Landmark® Pro improves upon the CertainTeed Landmark shingle, a leading consumer publication’s “Best Buy” for the past five years.

We started by adding more weathering asphalt to the industry’s toughest fiberglass mat to provide more protection. Then we incorporated our Maximum Definition color blend technology to give the product more vibrancy on the roof. Included is the proven performance of our NailTrak™ feature, enabling faster installation.

Landmark Pro offers the industry’s strongest warranty. Protecting your reputation and safeguarding homeowners from manufacturing and aesthetic defects.

LANDMARK PRO STANDARD WARRANTY

• Lifetime Limited Warranty
• 10-years of SureStart™ protection
• 15-year 110 MPH wind warranty (Upgrade to 130 MPH available. CertainTeed starter and CertainTeed hip and ridge required.)
• 15-year StreakFighter®

algae resistance warranty  

Add it all up and what you get is the opportunity to offer a lot of additional value for the money... and today that means more than ever.

LANDMARK® PRO

![Shown in Max Def Weathered Wood](image)

Landmark Pro specifications:

• 250 lbs/square
• Premium Max Def color palette
• NailTrak for faster installation
• Lifetime limited warranty
• 15-year algae resistance
• 10-year SureStart protection includes:
  - Materials, labor, tear off and disposal cost
• 15-year 110 MPH wind warranty with upgrade to 130 MPH available

LANDMARK®

![Shown in Weathered Wood](image)

Landmark specifications:

• 234 lbs/square
• Traditional color palette
• NailTrak for faster installation
• Lifetime limited warranty
• 10-year algae resistance
• 10-year SureStart protection includes:
  - Materials and labor costs
• 15-year 110 MPH wind warranty with upgrade to 130 MPH available
Max Def Colors

Look deeper. With Max Def, a new dimension is added to shingles with a richer mixture of surface granules. You get a brighter, more vibrant, more dramatic appearance and depth of color. And the natural beauty of your roof shines through.

Landmark Pro Silver Birch® is an ENERGY STAR® rated product and may qualify for a federal tax credit.
Wider. Faster. Proven.

For the past 10 years, NailTrak™ has enabled installers to shingle with improved speed and accuracy. With a nailing area that’s three times WIDER than typical laminate shingles, nails hit home with NailTrak. A feature on all Landmark® Series shingles. Speed and accuracy result in lower labor costs.

No leaks. No de-lamination. No callbacks. The cost of doing business has gone down with NailTrak.
BACKGROUND

The applicants previously appeared before the Commission for a preliminary consultation at the June 26, 2019 HPC meeting.¹

PROPOSAL

The applicants propose to remove the existing rear addition and construct a new rear addition.

APPLICABLE GUIDELINES

When reviewing alterations and new construction within the Takoma Park 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 Takoma Park 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.

Takoma Park Historic District 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 all visible from the public right-of-way, irrespective of landscaping or vegetation (it is expected that 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 historic district.

Outstanding Resources – Residential

The Guidelines characterize Outstanding Resources as those

… which [are] of outstanding significance due to [their] architectural and/or historical features. An Outstanding Resource may date from any historical period and may be representative of any architectural style. However, it must have special features, architectural details and/or historical associations that make the resource especially representative of an architectural style, it must be especially important to the history of the district, and/or it must be especially unique within the context 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”.

¹ Link to audio/video transcript from the June 26, 2019 HPC meeting: http://mncppc.granicus.com/MediaPlayer.php?publish_id=b8e2f280-98de-11e9-b00b-0050569183fa
The specific 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.
- All changes and additions should respect existing environmental settings, landscaping, and patterns of open space.

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

(a) The commission shall instruct the director to deny a permit if it finds, based on the evidence and information presented to or before the commission that the alteration for which the permit is sought would be inappropriate, inconsistent with or detrimental to the preservation, enhancement or ultimate protection of the historic site or historic resource within an historic district, and to the purposes of this chapter.

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

1. The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
2. The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or
3. The proposal would enhance or aid in the protection, preservation and public or private utilization of the historic site or historic resource located within an historic district in a manner compatible with the historical, archeological, architectural or cultural value of the historic site or historic district in which an historic resource is located; or
4. The proposal is necessary in order that unsafe conditions or health hazards be remedied; or
5. The proposal is necessary in order that the owner of the subject property not be deprived of reasonable use of the property or suffer undue hardship; 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.
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 [or, as in this case, the historic district] shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided; and

9. New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic 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. 1890s Queen Anne-style Outstanding Resource within the Takoma Park Historic District. The house fronts on Holly Avenue to the north-west, and there is currently a one-story addition with left/north-east side projection and a non-historic first-floor porch on piers at the rear.

The applicants previously appeared before the Commission for a preliminary consultation at the June 26, 2019 HPC meeting. Staff expressed several concerns regarding the applicants’ proposal in the preliminary consultation staff report dated June 19, 2019, including: the introduction of a large singular roof form with the proposed rear addition; incompatible fenestration, with two-over-two windows proposed for the addition and one-over-one windows on the historic house; the projection of the left/north-east side addition, which was proposed to be replaced in the same approximate footprint; and the construction of a roof over the left/north-east side deck, which would extend into the historic massing.

Prior to the June 26, 2019 HPC meeting, the applicants revised their proposal, addressing the concerns outlined in the staff report. Specific revisions included breaking up the perceived massing of the addition with two roof forms; retaining the existing projection at the left/north-east side of the addition; and removal of the roof over the left/north-east side deck from the proposal.

The applicants presented their revisions at the preliminary consultation, and the Commission was supportive, finding that their most of their concerns had been addressed. However, the applicants continued to propose two-over-two windows for the rear addition. The Commission expressed concern regarding the compatibility of the proposed windows, and they suggested either one-over-one or two-over-one windows as an appropriate alternative.

The current proposal is consistent with the revisions presented at the June 26, 2019 preliminary consultation, and the applicants have further amended the application to show two-over-one windows for the addition, in accordance with the Commission’s comments.

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

**STAFF RECOMMENDATION**

Staff recommends that the Commission approve the HAWP application under the Criteria for Issuance in Chapter 24A-8(b), (1), (2), (c) & (d) having found that the proposal is consistent with the Takoma Park Historic District Guidelines, 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.
HISTORIC PRESERVATION COMMISSION
301/563-3400
APPLICATION FOR
HISTORIC AREA WORK PERMIT

Contact Email: jane@treacyleagleburger.com
Contact Person: Jane Treacy
Daytime Phone No.: 202-362-5226 ext 1
Tax Account No.: 01079337

Name of Property Owner: Jamin & Sarah Raskin
Daytime Phone No.:
Address: 7209 Holly Avenue, Takoma Park, Maryland 20912
Street Number: 7209
City: Takoma Park
State: Maryland
Zip Code: 20912

Contractor: TBD
Contractor Registration No.: TBD
Agent for Owner: Jane Treacy, Architect
Daytime Phone No.: 202-362-5226 ext 1

LOCATION OF BUILDING PREMISES
House Number: 7209
Street: HOLLY AVENUE
Town/City: TAKOMA PARK
Nearest Cross Street: TULIP AVENUE
Lot: P6
Block: 6
Subdivision: 0025

PART ONE: SPECIFICATION AND COST

1A. CHECK ALL APPLICABLE
☐ Construct ☑ Expand ☑ Alter/Renovate ☑ AC ☑ Slave ☑ Room Addition ☑ Porch ☑ Deck ☑ Shed
☐ Move ☐ Install ☐ Wreck/Raze ☑ Solar ☐ Fireplace ☑ Woodburning Stove ☑ Single Family
☐ Revision ☐ Repair ☐ Revocable ☑ Fence/Wall (complete Section 4) ☐ Other: _________________________

1B. Construction cost estimate: $ 575,000

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

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01 ☑ WSSC 02 ☐ Septic 03 ☐ Other: _________________________

2B. Type of water supply: 01 ☑ WSSC 02 ☐ Well 03 ☐ Other: _________________________

PART THREE: COMPLETE ONLY IF FENCE/RETAINING WALL

3A. Height: 4 feet 2 inches

3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:
☐ On party line/property line ☑ Entirely on land of owner ☐ On public right of way/estate

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]
June 3, 2019

Approved: ________________________________
For Chairperson, Historic Preservation Commission
Disapproved: ________________________________
Signature: ________________________________
Date: ________________________________
Application/Permit No.: ________________________________
Date Filed: ________________________________
Date Issued: ________________________________

SEE REVERSE SIDE FOR INSTRUCTIONS
**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>Jamie &amp; Sarah Raskin</td>
<td>Jane Treacy</td>
</tr>
<tr>
<td>7209 Holly Avenue</td>
<td>Treacy &amp; Eagleburger Architects</td>
</tr>
<tr>
<td>Takoma Park, MD 20912</td>
<td>3335 Connecticut Ave, NW</td>
</tr>
<tr>
<td></td>
<td>Washington, DC 20008</td>
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</table>

<table>
<thead>
<tr>
<th>Adjacent and confronting Property Owners mailing addresses</th>
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<tbody>
<tr>
<td>Karl Wright &amp; Jozefin van Damme</td>
</tr>
<tr>
<td>7206 Holly Avenue</td>
</tr>
<tr>
<td>Takoma Park, MD 20912</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Timothy &amp; Brigitte Searchinger</td>
</tr>
<tr>
<td>7207 Holly Avenue</td>
</tr>
<tr>
<td>Takoma Park, MD 20912</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>Wolfgang &amp; Gertrude Mergner</td>
</tr>
<tr>
<td>104 Tulip Avenue</td>
</tr>
<tr>
<td>Takoma Park, MD 20912</td>
</tr>
</tbody>
</table>
HOLLY AVENUE

NOTE:
SEE BUILDING DIMENSIONS ON FLOOR PLANS

SITE / ROOF PLAN
1/16" = 1'-0"

RASKIN
7209 HOLLY AVENUE
TAKOMA PARK, MD 20912

HAWP
SITE PLAN
1/16" = 1'-0"
07.32.2018

TREACY & EAGLEBURGER
ARCHITECTS
3335 CONNECTICUT AVENUE, NW, WASHINGTON, DC 20008
202-362-5236 FAX: 202-362-7791
A
7
1/8" = 1'-0"

SOUTH ELEVATION EXISTING

EXISTING BRICK CHIMNEY
REPLACE EXIST. SHINGLE ROOFING

B
7
1/8" = 1'-0"

SOUTH ELEVATION - PROPOSED

SHINGLE ROOF
FTD. METAL ROOF
FTD. ALUM. GUTTER & DOWNSPOUT, TO MATCH EXISTING
FTD. BORAL TRIM & SIDING, TYP.
FTD. CEDAR FRAMES W/ALUM. SCREEN
REPLACE EXISTING PAIR OF DOUBLE HUNGS WITH PAIR OF CASEMENTS FOR EGRESS
FARGED MASONRY
A NORTH-WEST ELEVATION - EXISTING

B NORTH-WEST ELEVATION - PROPOSED
NORTH-EAST SIDE:
REMOVE AND INFILL EXISTING WINDOW BEHIND STEPS (NOT ORIGINAL TO THE HISTORIC HOUSE)

SOUTH-WEST SIDE:
REPLACE EXISTING PAIR OF DOUBLE HUNG (NOT ORIGINAL TO THE HISTORIC HOUSE) WITH PAIR OF CASEMENTS FOR EGRESS

ORIGINAL HOUSE SIDING PROFILE
# Pinnacle Series

## DOUBLE HUNG - 24" WIDE

### ELEVATIONS

**SCALE**: 1/8" = 1'-0"

<table>
<thead>
<tr>
<th>Model</th>
<th>Max CORE Plywood</th>
<th>Max. CLR Plywood</th>
<th>Core</th>
<th>Frame</th>
<th>Glass</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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</table>

|                 |          |          |      |       |       |
|                 |          |          |      |       |       |

|                 |          |          |      |       |       |
|                 |          |          |      |       |       |

### OTHER GRILLE PATTERNS

- **PRAIRIE**
- **PLAZA**
- **DIAMOND**

### UNIT SIZE INFORMATION

- **FOR CLAD BRICKMOULD**
  - ADD 2 13/16" TO FRAME WIDTH
  - ADD 1 3/4" TO FRAME HEIGHT*

- **FOR CLAD WILLIAMSBURG**
  - ADD 6 1/2" TO FRAME WIDTH
  - ADD 3 3/8" TO FRAME HEIGHT*

- **FOR PRIMED WM-180**
  - ADD 2 19/32" TO FRAME WIDTH
  - ADD 1 9/16" TO FRAME HEIGHT*

- **FOR PRIMED 3 1/2" FLAT CASING**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 3 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 4 1/2" BACKBAND**
  - ADD 7 5/8" TO FRAME WIDTH
  - ADD 4 1/16" TO FRAME HEIGHT*

- **FOR PRIMED 5 1/2" FLAT CASING**
  - ADD 9 5/8" TO FRAME WIDTH
  - ADD 5 1/16" TO FRAME HEIGHT*

- **FOR PRIMED WILLIAMSBURG**
  - ADD 5 1/8" TO FRAME WIDTH
  - ADD 2 13/16" TO FRAME HEIGHT*

- **FOR PRIMED PLANTATION**
  - ADD 5 5/8" TO FRAME WIDTH
  - ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 15/16" FOR BULLNOSE SILL
* ADD ADDITIONAL 1 1/32" FOR BELLY SILL

**NOTE:**

ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

### NOTES:

CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.
PRIMED MASONRY OPENINGS ARE FOR STANDARD WM-180 BRICKMOULD.
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

---

8/2/16

---

21
# Pinnacle Series

**DOUBLE HUNG - 32" WIDE**

**ELEVATIONS**

SCALE: 1/8" = 1'-0"

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3-4 3/4</td>
<td>3-2 1/8</td>
<td>3-1 3/8</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>6-6 1/8</td>
<td>6-3 1/2</td>
<td>6-2 3/4</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>9-7 1/2</td>
<td>9-4 7/8</td>
<td>9-4 1/8</td>
<td>32</td>
<td></td>
</tr>
</tbody>
</table>

**OTHER GRILLE PATTERNS**

- **PRAIRIE**
- **PLAZA**
- **DIAMOND**

**UNIT SIZE INFORMATION**

For Clad Brickmould:
- **Add 2 13/16" to frame width**
- **Add 1 3/4" to frame height***

For Clad Williamsburg:
- **Add 6 1/2" to frame width**
- **Add 3 5/8" to frame height***

For Primed WM-180:
- **Add 2 19/32" to frame width**
- **Add 1 9/16" to frame height***

For Primed 3 1/2" Flat Casing:
- **Add 5 5/8" to frame width**
- **Add 3 1/16" to frame height***

For Primed 4 1/2" Backband:
- **Add 7 5/8" to frame width**
- **Add 4 1/16" to frame height***

For Primed 5 1/2" Flat Casing:
- **Add 9 5/8" to frame width**
- **Add 5 1/16" to frame height***

For Primed Williamsburg:
- **Add 5 1/8" to frame width**
- **Add 2 13/16" to frame height***

For Primed Plantation:
- **Add 5 5/8" to frame width**
- **Add 5 15/16" to frame height***

* Add Additional 1/16" for bullnose sill
* Add Additional 1 1/32" for belly sill

**Note:**
- Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening

**Notes:**
- Clad Masonry Openings are for standard frame with no casing.
- Primed Masonry Openings are for standard 1 3/8" Brickmold.
- Shaded sizes meet most egress requirements. Verify local codes.

---

8/2/16
Pinnacle Series
CLAD DOUBLE HUNG - Concealed Jambliner Option

SECTION DETAILS: OPERATING / PICTURE
SCALE: 3" = 1'-0"

OPERATING

FRAME SIZE

HEAD JAMB & SILL

FRAME SIZE

JAMBS

PICTURE

HEAD JAMB & SILL

JAMBS

4/19/18
Pinnacle Series
CLAD DOUBLE HUNG - Concealed Jambliner Option

SECTION DETAILS: DIVIDED LITE OPTIONS
SCALE: 3" = 1'-0"

AVAILABLE STYLES:
- PUTTY
- Ogee
- CONTEMPORARY

CONTEMPORARY GLASS STOP
INNER BAR
OGEE GLASS STOP

SEE BELOW FOR GRILLE OPTIONS

DETAIL: A

STANDARD INSULATING GLASS

13/16" INNERGRILLE

3/4" PROFILED INNERGRILLE

1" PROFILED INNERGRILLE

7/8" STICK & PERIMETER GRILLE

1 1/4" STICK & PERIMETER GRILLE

5/8" WDL WITH INNER BAR
7/8" WDL WITH INNERBAR
1 1/4" WDL WITH INNERBAR
2" WDL WITH INNERBAR

NOTE:
* ALL WDL OPTIONS CAN BE ORDERED WITH OR WITHOUT INNER BAR
* PERIMETER GRILLES ONLY AVAILABLE IN THE 7/8" AND 1 1/4" Ogee STYLE GLASS STOP (SEE DETAIL: A)
Pinnacle Series

CASEMENT - 26" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

OPERATION
LEFT
RIGHT
OPERATOR
STATIONARY

OTHER GRILLE PATTERNS
PRARI
DIAMOND
2" SIMULATED CHECK RAIL
SINGE
PLAZA
DOUBLE
PLAZA
TRIPLE
PLAZA

UNIT SIZE INFORMATION
FOR CLAD BRICKMOULD
☑ ADD 2 13/16" TO FRAME WIDTH
☑ ADD 1 3/4" TO FRAME HEIGHT*
FOR CLAD WILLIAMSBURG
☑ ADD 6 1/2" TO FRAME WIDTH
☑ ADD 3 5/8" TO FRAME HEIGHT*
FOR PRIMED WM-180
☑ ADD 2 13/16" TO FRAME WIDTH
☑ ADD 2 13/32" TO FRAME HEIGHT*
FOR PRIMED 3 1/2" FLAT CASING
☑ ADD 5 13/16" TO FRAME WIDTH
☑ ADD 3 15/16" TO FRAME HEIGHT*
FOR PRIMED 4 1/2" BACKBAND
☑ ADD 7 13/16" TO FRAME WIDTH
☑ ADD 4 15/16" TO FRAME HEIGHT*
FOR PRIMED 5 1/2" FLAT CASING
☑ ADD 9 13/16" TO FRAME WIDTH
☑ ADD 5 15/16" TO FRAME HEIGHT*
FOR PRIMED WILLIAMSBURG
☑ ADD 5 3/8" TO FRAME WIDTH
☑ ADD 3 11/16" TO FRAME HEIGHT*
FOR PRIMED PLANTATION
☑ ADD 5 13/16" TO FRAME WIDTH
☑ ADD 5 15/16" TO FRAME HEIGHT*

* ADD ADDITIONAL 1" FOR BULLENOSE SILL

Note:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
SHAPED SIZES MEET MOST EGRESS REQUIREMENTS, VERIFY LOCAL CODES

7/20/17

28
Pinnacle Series
CASEMENT - 28" WIDE

ELEVATIONS: OPERATING / STATIONARY / PICTURE
SCALE: 1/8" = 1'-0"

OPERATION
LEFT
RIGHT
OPERATOR
STATIONARY

OTHER GRILLE PATTERNS
PRAIRIE
DIAMOND
2" SIMULATED CHECK RAIL
SINGLE PLAZA
DOUBLE PLAZA
TRIPLE PLAZA

UNIT SIZE INFORMATION
FOR CLAD BRICKMOULD
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 3/4" TO FRAME HEIGHT*

FOR CLAD WILLIAMSBURG
- ADD 6 1/2" TO FRAME WIDTH
- ADD 3 5/8" TO FRAME HEIGHT*

FOR PRIMED WM-180
- ADD 2 13/16" TO FRAME WIDTH
- ADD 2 13/16" TO FRAME HEIGHT*

FOR PRIMED 3 1/2" FLAT CASING
- ADD 5 13/16" TO FRAME WIDTH
- ADD 3 15/16" TO FRAME HEIGHT*

FOR PRIMED 4 1/2" BACKBAND
- ADD 7 13/16" TO FRAME WIDTH
- ADD 4 15/16" TO FRAME HEIGHT*

FOR PRIMED 5 1/2" FLAT CASING
- ADD 9 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

FOR PRIMED WILLIAMSBURG
- ADD 5 3/8" TO FRAME WIDTH
- ADD 3 11/16" TO FRAME HEIGHT*

FOR PRIMED PLANTATION
- ADD 5 13/16" TO FRAME WIDTH
- ADD 5 15/16" TO FRAME HEIGHT*

*ADD ADDITIONAL 1" FOR BULLNOSE SILL

NOTE:
ADD 3/4" TO UNIT WIDTH & 1/2" TO UNIT HEIGHT TO CALCULATE MASONRY OPENING

NOTES:
* REQUIRES EGRESS HARDWARE TO MEET EGRESS REQUIREMENTS
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOULD
SHADOWED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

7/20/17
Pinnacle Series
CLAD CASEMENT

SECTION DETAILS: GLASS STOP & DIVIDED LITE OPTIONS
SCALE: 3” = 1'-0"

AVAILABLE STYLES
- PUTTY
- TALL PUTTY
- Ogee
- CONTEMPORARY

CONTEMPORARY GLASS STOP
INNER BAR
OGEE GLASS STOP

SEE BELOW FOR GRILLE OPTIONS

PERIMETER GRILLE

DETAIL: A

5/8" WDL WITH INNER BAR
7/8" WDL WITH INNERBAR
1 1/4" WDL WITH INNERBAR
2" WDL WITH INNERBAR

STANDARD INSULATING GLASS
13/16" INNERGRILLE
3/4" PROFILED INNERGRILLE
1" PROFILED INNERGRILLE
7/8" STICK & PERIMETER GRILLE
1 1/4" STICK & PERIMETER GRILLE

NOTE:
* ALL WDL OPTIONS CAN BE ORDERED WITH OR WITHOUT INNER BAR
* PERIMETER GRILLES ONLY AVAILABLE IN THE 7/8" AND 1 1/4" Ogee STYLE GLASS STOP (SEE DETAIL: A)

11/2/17
PATIO DOORS
WOOD CLAD AND VINYL OPTIONS FROM WINDSOR WINDOWS & DOORS

www.windsorwindows.com
Pinnacle Series
CLAD PATIO DOOR - FRENCH OUTSWING

ELEVATIONS
SCALE: 1/8" = 1'-0"

<table>
<thead>
<tr>
<th>Main-Orn. Char.</th>
<th>2-9</th>
<th>5-4 13/16</th>
<th>8-0 5/8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rough Opening</td>
<td>2-9</td>
<td>5-4 13/16</td>
<td>8-0 5/8</td>
</tr>
<tr>
<td>Frame</td>
<td>2-8 1/4</td>
<td>5-4 1/16</td>
<td>7-11 7/8</td>
</tr>
<tr>
<td>* Options</td>
<td>22</td>
<td>22</td>
<td>22</td>
</tr>
</tbody>
</table>

![Diagram showing different door configurations with annotations and dimensions](image)

NOTE:
The active panel (X) can be placed in any position and hinged in either direction, left (L), or right (R). The remaining panel(s) must be in a fixed position.

For doors with handicap sill, subtract 7/8" from frame & rough opening heights.

* BOTTOM RAIL
  - For 5" add 3 3/4" to glass height
  - For 10" subtract 2" from glass height

OTHER GRILLE PATTERNS

OTHER PANEL OPTIONS

UNIT SIZE INFORMATION

FOR CLAD BRICKMOULD
- Add 2 13/16" to frame width
- Add 1 13/32" to frame height

FOR CLAD WILLIAMSBURG
- Add 6 1/2" to frame width
- Add 3 1/4" to frame height

NOTE:
Add 3/4" to unit width & 1/2" to unit height to calculate masonry opening

NOTES:
Clad Masonry Openings are for standard frame with no casing
All units listed are built as one frame

6/7/19
Pinnacle Series
CLAD FRENCH PATIO DOOR

SECTION DETAILS: GLASS STOP & DIVIDED LITE OPTIONS
SCALE: 3" = 1'-0"

AVAILABLE STYLES
- PUTTY
- Ogee
- Contemporary

CONTemporary glass stop
INNER BAR
Ogee glass stop

SEE BELOW FOR GRILLE OPTIONS

5/8" WDL WITH INNER BAR
7/8" WDL WITH INNERBAR
1 1/4" WDL WITH INNERBAR
2" WDL WITH INNERBAR

STANDARD INSULATING GLASS
13/16" INNER GRILLE
3/4" PROFILED INNER GRILLE
1" PROFILED INNER GRILLE
7/8" PERIMETER GRILLE
1 1/4" PERIMETER GRILLE

NOTE:
* ALL WDL OPTIONS CAN BE ORDERED WITH OR WITHOUT INNER BAR
* PERIMETER GRILLES ONLY AVAILABLE IN THE 7/8" AND 1 1/4" Ogee style glass stop (see detail: A)
Pinnacle

Swinging Patio Doors

The highlight of a house. Your patio is an extension of your home, and your home is an extension of yourself and your style. That’s why at Windsor we offer you several options for our Pinnacle swinging patio doors. Choose from in-swing or out-swing models. Add architectural interest to any project by choosing a curved seg-top patio door. Select one panel to operate or two panels. Include up to four panels in one frame. For safety, we can install multi-point locking hardware – for style, we can accent your doors with a customized transom, radius or sidelites. A complement to any home’s décor, Windsor’s beautifully crafted 1/2 and 3/4 lite panel doors are available in the finest wood interior finishes and offer more customizable features with one or two flat panels. The design options continue, with more than 50 different exterior clad colors and finishes, several hardware styles, multiple hardware finishes and numerous grille options.

NOTE: Primed in-swing patio doors come standard with cellular PVC exterior trim.
Custom Creations

Finishing touches to perfect your vision. Windsor does more than just create durable, high-performance windows and doors. We pay attention to every detail and offer a wide array of options and finishes to match any décor. Flashy and eye-catching or simple and understated, our hardware, finishes, grille options, cladding colors, glass options and trim options complete the perfect window and door package.

See the difference paint can make. Windsor’s in-house powder paint application can help you make a statement with your windows and doors. Choose from over 40 shades in our standard and feature color palettes, or make it truly unique with custom color matching. All paints are protected with the highly durable 2604 finish, or you can upgrade to 2605 for even stronger defense against the elements.¹

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Standard Clad Colors (For Pinnacle and Legend HBR)

Custom color matching is also available.

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Feature Clad Colors (For Pinnacle and Legend HBR)

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¹ 2604 finish backed by a 20-year* warranty; 2605 finish backed by a 30-year* warranty; applications within one mile of the coast carry a 10-year warranty. For specific warranty details, please refer to the complete warranty document posted on our website, www.windsorwindows.com.
Anodized Finishes *(For Pinnacle and Legend HBR)*

- Clear
- Champagne
- Light Bronze
- Medium Bronze
- Dark Bronze
- Extra Dark Bronze
- Black
- Copper

Standard Vinyl Colors *(For Next Dimension)*

- White
- Clay

Painted Vinyl Exterior Colors *(For Next Dimension)*

White vinyl interior is available with white, ivory, tan, bronze, cinnamon, hunter green or black exterior. Clay vinyl interior is available with bronze or black exterior.

- White
- Ivory
- Tan
- Bronze
- Cinnamon
- Hunter Green
- Black

Painted Vinyl Interior Colors *(For Next Dimension)*

- Black

Interior Wood Species and Finishes *(For Pinnacle and Legend HBR)*

Pinnacle bi-fold and multi-slide patio doors are only available in Clear Select Pine, Douglas Fir and Natural Alder. Legend HBR patio doors are only available in Clear Select Pine, primed, painted white and painted black.

- Clear Select Pine
- Douglas Fir
- Natural Alder
- Primed
- Painted White
- Painted Black

Glass

*Special order item*

- LoE 366 (Standard)
- Dual Low-E
- Dual Low-E HS (Pinnacle clad only)
- LoE 180
- LoE 240
- LoE 272
- Clear
- Gray Tint
- Bronze Tint
- Obscure
- Satin Etch
- Glue Chip*
- Rain*
- Reed*

**Note:** Printing limitations prevent exact color/finish representation. See your Windsor distributor for actual samples.
Grilles

All of our wood and cellular PVC (CPVC) Windsor Divided Lite bars are hand-fitted to ensure a perfect fit. Next Dimension patio doors are only available with a 3/4” profiled inner grille in white or clay.

7/8” & 1-1/4”
Perimeter Grille
(Not available on bi-fold)

3/4” & 1”
Profiled Inner Grille
(Not available on bi-fold)

13/16” Flat Inner Grille

7/8” & 1-1/4”
Interior Wood Windsor Divided Lite

7/8” & 1-1/4”
Exterior Clad Windsor Divided Lite

5/8”, 7/8” & 1-1/4”
Short and Tall Putty Windsor Divided Lite

3/8”, 7/8” & 1-1/4”
Contemporary Windsor Divided Lite

Grille Patterns

Some grille patterns are not available in all configurations and products.

Grille Profiles (For Pinnacle and Legend HBR)

Interior Grilles – Ogee

7/8”

1-1/4”

2”

Interior Grilles – Putty

5/8”

7/8”

1-1/4”

Interior Grilles – Contemporary

5/8”

7/8”

1-1/4”

2”

Interior Grilles – Midrail

3-3/8”

Exterior Grilles – Ogee

7/8”

1-1/4”

Exterior Grilles – Putty

5/8” (Short)

7/8” (Short)

1-1/4” (Short)

Exterior Grilles – Contemporary

5/8” (Tail)

7/8” (Tail)

1-1/4” (Tail)

2” (Tail)

Exterior Grilles – Midrail

3-3/8”

NOTE: Printing limitations prevent exact color/finish representation. See your Windsor distributor for color samples.
Patio Door Handle and Hinge Finishes (*For Pinnacle and Legend HBR*)

Finishes marked with (*) feature a clear coating that protects the finish against tarnishing and peeling. It extends the rich, bright life of the finish and dramatically delays the aging process.

Patio Door Handles (*For Pinnacle and Legend HBR*)

1/8"-fold doors are available with a classic or contemporary swinging handle in satin nickel, brass, and oil rubbed bronze; 2/Euro swinging handle is only available in satin nickel and black; 3/Flush mount handle is only available in satin nickel, faux bronze, oil rubbed bronze and black.

Sliding Patio Door Handle and Finishes (*For Next Dimension*)

Finishes are the same for both interior and exterior handles.

Swinging Patio Door Hinges (*For Pinnacle and Legend HBR*)

Adjustable Guide Hinge
Adjustable Cot Hinge
Ball Bearing Hinge
Faux Bronze
Black
Pioneering an entirely new category of building materials made with the revolutionary poly-ash material.

TruExterior® Siding & Trim is the only product available today that addresses issues commonly seen with other exterior materials on the market.

**MOISTURE**
TruExterior® products contain no wood fiber, preventing issues that commonly plague wood, wood composites and other fiber cement.
- No need to prime ends or field cuts
- Resists rot and termite attacks*
- No swelling*
- No cracking or splitting
- No cupping or checking*
- Suitable for ground contact

**MOVEMENT**
TruExterior® products offer a high level of dimensional stability, eliminating many of the movement-related issues seen in other siding and trim products.
- Installation is the same regardless of the season
- No need for special paints
- No limitations on paint colors

**OUR PRODUCT OFFERING**
With a complete offering of 4/4, 5/4 and 2x trim, accessories, beadboard and siding, TruExterior® Siding & Trim has everything you need to create a polished and professional installation.
- Siding
- Beadboard
- Trim
- Accessories

**V-RUSTIC**

The V-Rustic profile features a deep “V” groove that creates an appealing shadow line effect.

**Available Finish:**
- smooth

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Reveal (C)</th>
<th>Channel (D)</th>
<th>Tongue (E)</th>
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<td>1 x 6</td>
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<tr>
<td>1 x 10</td>
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<td>9.50&quot;</td>
<td>9.0&quot;</td>
<td>0.625&quot;</td>
<td>0.50&quot;</td>
</tr>
</tbody>
</table>

**COVE/DUTCH LAP**

The Cove/Dutch Lap profile features a subtle curve that creates a unique, eased appearance.

**Available Finish:**
- smooth

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Reveal (C)</th>
<th>Channel (D)</th>
<th>Tongue (E)</th>
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</thead>
<tbody>
<tr>
<td>1 x 6</td>
<td>0.6875&quot;</td>
<td>5.50&quot;</td>
<td>4.969&quot;</td>
<td>1.469&quot;</td>
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<tr>
<td>1 x 8</td>
<td>0.6875&quot;</td>
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<td>6.719&quot;</td>
<td>1.469&quot;</td>
<td>0.531&quot;</td>
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<tr>
<td>1 x 10</td>
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<td>9.25&quot;</td>
<td>8.719&quot;</td>
<td>1.469&quot;</td>
<td>0.531&quot;</td>
</tr>
</tbody>
</table>

**CHANNEL**

The Channel profile's wide groove creates a rich shadow line effect.

**Available Finish:**
- smooth

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Reveal (C)</th>
<th>Channel (D)</th>
<th>Tongue (E)</th>
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<tr>
<td>1 x 6</td>
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<tr>
<td>1 x 10</td>
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<td>8.719&quot;</td>
<td>0.969&quot;</td>
<td>0.531&quot;</td>
</tr>
</tbody>
</table>
Beadboard

Including 4-inch, double-4 and double-6 profiles, TruExterior® Beadboard is ideal for porch ceilings, soffits and decorative wall applications, and allows for a variety of installations, as it can be attached in either parallel or perpendicular directions.

It’s “tongue-and-groove” design allows it to be fastened through the tongue, resulting in a clean look free from visible fasteners, or it can be reversed to offer a contemporary “V-groove” appearance.
SINGLE BEADBOARD
Two distinct beaded patterns—4" and 6"— to suit the most popular design trends.

Available Finish:

![Smooth Finish](image)

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Reveal (C)</th>
<th>Tongue (D)</th>
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</thead>
<tbody>
<tr>
<td>5/8 x 4</td>
<td>0.625&quot;</td>
<td>3.50&quot;</td>
<td>3.16&quot;</td>
<td>0.34&quot;</td>
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<tr>
<td>5/8 x 6</td>
<td>0.625&quot;</td>
<td>5.25&quot;</td>
<td>4.91&quot;</td>
<td>0.34&quot;</td>
</tr>
</tbody>
</table>

DOUBLE BEADBOARD
The same appearance as the single-profile products, but with twice the coverage.

Available Finish:

![Smooth Finish](image)

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Reveal (C)</th>
<th>Tongue (D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8 x 8</td>
<td>0.625&quot;</td>
<td>6.6825&quot;</td>
<td>6.3425&quot;</td>
<td>0.34&quot;</td>
</tr>
<tr>
<td>5/8 x 12</td>
<td>0.625&quot;</td>
<td>10.25&quot;</td>
<td>9.91&quot;</td>
<td>0.34&quot;</td>
</tr>
</tbody>
</table>

*Please see TrueExterior® Siding & Trim Limited Warranties and Product Data Sheets for proprietary test results, located at TrueExterior.com.
Trim

Designed to be used in non-load-bearing applications, TruExterior® Trim is suitable for ground contact and moisture-prone areas, which makes it ideal for exterior trim applications such as fascia, door trim, soffits, rake boards and a variety of other applications. There is no need to prime ends or field cuts. Plus, it can be painted any color. TruExterior® Trim accepts a wide variety of fasteners and can be installed using standard woodworking tools and methods.
<table>
<thead>
<tr>
<th>1X Trim Sizes</th>
<th>5/4 Trim Sizes</th>
<th>2X Trim Sizes</th>
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</thead>
<tbody>
<tr>
<td>Nominal</td>
<td>Actual</td>
<td>Nominal</td>
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<tr>
<td>1 x 3</td>
<td>3/4&quot; x 2-1/2&quot;</td>
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<tr>
<td>1 x 4</td>
<td>3/4&quot; x 3-1/2&quot;</td>
<td>5/4 x 4</td>
</tr>
<tr>
<td>1 x 5</td>
<td>3/4&quot; x 4-1/2&quot;</td>
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<tr>
<td>1 x 12</td>
<td>3/4&quot; x 11-1/4&quot;</td>
<td>5/4 x 12</td>
</tr>
</tbody>
</table>

TruExterior® Trim is reversible with woodgrain on one side and a smooth finish on the reverse. Available in 16' and 12' lengths.

Available Finishes: (reversible) [smooth] [woodgrain]

*Please see TruExterior® Siding & Trim Limited Warranties and Product Data Sheets for proprietary test results, located at TruExterior.com.
**Accessories**

TruExterior® Siding & Trim Accessories make it easy to create polished, professional-looking siding and trim installations. Decorative yet functional, the poly-ash accessories are designed to go where other materials can’t, making them the perfect complement to cedar, fiber cement and other traditional siding products, as they are suitable for ground, roofline and masonry contact.

**SKIRT BOARD**

Provides a decorative yet functional way to create the required clearance between siding and grade.

Available Finishes: (not reversible)

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Tongue (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 6</td>
<td>0.75&quot;</td>
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<tr>
<td>1 x 8</td>
<td>0.75&quot;</td>
<td>7.25&quot;</td>
<td>1.0&quot;</td>
</tr>
<tr>
<td>5/4 x 6</td>
<td>1.0&quot;</td>
<td>5.50&quot;</td>
<td>1.0&quot;</td>
</tr>
<tr>
<td>5/4 x 8</td>
<td>1.0&quot;</td>
<td>7.25&quot;</td>
<td>1.0&quot;</td>
</tr>
</tbody>
</table>

**WINDOW POCKET RABBETED TRIM**

The rabbeted groove helps trim to sit flush over the window’s nailing flange, eliminating the need for cuts or shims.

Available Finishes: (not reversible)

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Window Pocket (W&quot; x W&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/4 x 4</td>
<td>1.0&quot;</td>
<td>3.50&quot;</td>
<td>0.187&quot; x 1.88&quot;</td>
</tr>
<tr>
<td>5/4 x 6</td>
<td>1.0&quot;</td>
<td>5.50&quot;</td>
<td>0.187&quot; x 1.88&quot;</td>
</tr>
<tr>
<td>5/4 x 8</td>
<td>1.0&quot;</td>
<td>7.25&quot;</td>
<td>0.187&quot; x 1.88&quot;</td>
</tr>
</tbody>
</table>
### SIDING POCKET RABBETED TRIM

Perfect for end wall terminations, this trim with a 3/4" siding pocket accepts all TruExterior® Siding profiles.

**Available Finishes:** (not reversible)

- smooth
- woodgrain

### WINDOW AND SIDING POCKET RABBETED TRIM

The ultimate accessory to build a neat, professional-looking window surround.

**Available Finishes:** (not reversible)

- smooth
- woodgrain

---

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Siding Pocket (S' x S&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/4 x 3</td>
<td>1.0”</td>
<td>2.50”</td>
<td>0.75” x 0.75”</td>
</tr>
<tr>
<td>5/4 x 4</td>
<td>1.0”</td>
<td>3.50”</td>
<td>0.75” x 0.75”</td>
</tr>
<tr>
<td>5/4 x 5</td>
<td>1.0”</td>
<td>4.50”</td>
<td>0.75” x 0.75”</td>
</tr>
<tr>
<td>5/4 x 6</td>
<td>1.0”</td>
<td>5.50”</td>
<td>0.75” x 0.75”</td>
</tr>
<tr>
<td>5/4 x 8</td>
<td>1.0”</td>
<td>7.25”</td>
<td>0.75” x 0.75”</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Actual Thickness (A)</th>
<th>Actual Width (B)</th>
<th>Window Pocket (W&quot; x W&quot;)</th>
<th>Siding Pocket (S’ x S&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/4 x 4</td>
<td>1.0”</td>
<td>3.50”</td>
<td>0.187&quot; x 1.88&quot;</td>
<td>0.75” x 0.75”</td>
</tr>
<tr>
<td>5/4 x 6</td>
<td>1.0”</td>
<td>5.50”</td>
<td>0.187&quot; x 1.88&quot;</td>
<td>0.75” x 0.75”</td>
</tr>
<tr>
<td>5/4 x 8</td>
<td>1.0”</td>
<td>7.25”</td>
<td>0.187&quot; x 1.88&quot;</td>
<td>0.75” x 0.75”</td>
</tr>
</tbody>
</table>
Restore the look of a grand Cape Cod or add distinction to a handsome bungalow. HardieShingle® siding embodies the enchanting look of cedar shingles with lower maintenance.

Better than the real thing, HardieShingle siding resists rotting, curling, warping and splitting.
### Staggered Edge Panel

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>1/4 in.</td>
</tr>
<tr>
<td>Length</td>
<td>48 in.</td>
</tr>
<tr>
<td>Height</td>
<td>15.25 in.</td>
</tr>
<tr>
<td>Exposure</td>
<td>6 in.</td>
</tr>
<tr>
<td>Pcs./Pallet</td>
<td>100</td>
</tr>
<tr>
<td>Sq./Pallet</td>
<td>2</td>
</tr>
<tr>
<td>Pcs./Sq.</td>
<td>50</td>
</tr>
</tbody>
</table>

### Straight Edge Panel

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>1/4 in.</td>
</tr>
<tr>
<td>Length</td>
<td>48 in.</td>
</tr>
<tr>
<td>Height</td>
<td>14 in.</td>
</tr>
<tr>
<td>Exposure</td>
<td>5 in.</td>
</tr>
<tr>
<td>Pcs./Pallet</td>
<td>120</td>
</tr>
<tr>
<td>Sq./Pallet</td>
<td>2</td>
</tr>
<tr>
<td>Pcs./Sq.</td>
<td>60</td>
</tr>
</tbody>
</table>

### Half Rounds

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>1/4 in.</td>
</tr>
<tr>
<td>Length</td>
<td>48 in.</td>
</tr>
<tr>
<td>Height</td>
<td>15.25 in.</td>
</tr>
<tr>
<td>Exposure</td>
<td>7 in.</td>
</tr>
<tr>
<td>Pcs./Pallet</td>
<td>86</td>
</tr>
<tr>
<td>Sq./Pallet</td>
<td>2</td>
</tr>
<tr>
<td>Pcs./Sq.</td>
<td>43</td>
</tr>
</tbody>
</table>

### Individual Shingles

**Monterey Taupe**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>1/4 in.</td>
</tr>
<tr>
<td>Length</td>
<td>3.5 in.</td>
</tr>
<tr>
<td>Height</td>
<td>14 in.</td>
</tr>
<tr>
<td>Exposure</td>
<td>5 in.</td>
</tr>
<tr>
<td>Pcs./Pallet</td>
<td>960</td>
</tr>
<tr>
<td>Sq./Pallet</td>
<td>2</td>
</tr>
<tr>
<td>Pcs./Sq.</td>
<td>480</td>
</tr>
</tbody>
</table>

### Individual Shingles

**Monterey Taupe**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>1/4 in.</td>
</tr>
<tr>
<td>Length</td>
<td>4.2 in.</td>
</tr>
<tr>
<td>Height</td>
<td>15.25 in.</td>
</tr>
<tr>
<td>Exposure</td>
<td>7 in.</td>
</tr>
<tr>
<td>Pcs./Pallet</td>
<td>630</td>
</tr>
<tr>
<td>Sq./Pallet</td>
<td>2</td>
</tr>
<tr>
<td>Pcs./Sq.</td>
<td>315</td>
</tr>
</tbody>
</table>

*5 in. Straight Edge Panel and 6 in. Individual Shingles available exclusively with ColorPlus Technology and only in Philadelphia and New England districts.

Products are available primed or with ColorPlus Technology finishes. For more details, visit jameshardiepros.com
IPE SPECTS  Everything You Need to Know

**Common Name**  Ipe

**Scientific/Botanical Name**  *Tabebuia* spp. (Lapacho group)

**Additional Names**  Ipe is also known as:

- Brazilian Walnut
- Amapa
- Cortez
- Guayacan Polvillo
- Flor Amarillo
- Greenheart
- Madera Negra
- Tahuari
- Lapacho Negro
Origin  South America (specifically Brazil), Central America, the Lesser Antilles. The tabebuia tree can be found in a diverse number of areas.

General Characteristics
with a diameter between 2 to 3 feet.

**Common Uses** Ipe is often used for:

- Decking
- Flooring
- Siding
- Docks
- Interior wall panels
- Sunrooms

**Moisture Content** Air dried to approximately 12% for use on exterior projects. It is highly recommended to use kiln-dried ipe for interior areas that will be exposed to artificial heat and/or air-conditioning. Consult with us about adequate moisture content levels for your area.

**Working Properties** Here are a few things to keep in mind when working with ipe:

- Blunting effect on cutters
- Routs nicely
- Use carbide-tipped saw blades
- Predrilling required
- Stainless steel hardware required

**Durability** If left untreated ipe wood decking will last 40+ years. When a deck oil / finish is applied to all four sides prior to installation, an ipe deck can last up to 100 years. The USFPL (United States Forest Products Lab) classified ipe decking as “Very Durable” (their highest rating).

Ipe decking resists:

- Termites
- Cupping
- Bending
- Decay
- Fungi
**Weight** Ipe wood decking has specific gravity of 0.85 to 1.08. Air dried density is 66 to 75 lbs. per cubic ft. A 3/4" thick finish material weights approx. 4.5 lbs. per sq ft.

**Drying and Contraction (Green to Kiln-Dried)** Radial 6.6%, tangential 8.0%, volumetric 13.2%. Small movement after being milled. As the weather changes, average movement for an air-dried deck board about 6" wide is roughly 1/16".

**Hardness** Ipe hardwood has a Janka Hardness Rating of 3,680 lbs with air-dried decking and 12% moisture content. When tested (ASTM-D143), an ipe deck is around eight times harder than California redwood and three times stronger than teak. Ipe decking holds up even in harsh climates and extreme conditions.

**U.S. Naval Research Laboratory Termite Resistance** Highest Rating

**Fire Resistance** Tested by the National Fire Protection Agency (ASTM-E84). Ipe wood decking received the highest classification for Flame Spread: Up to Class A, Uniform Building Code, Class 1.

**Slip Resistance** Our ipe decking exceeds the Americans with Disabilities Act requirements for Static Coefficient of friction in a wet environment. Ipe wood decking has also met the ASTM-C1028-89 test requirements as well.

**Strength** Three times stronger than Cedar, our inventory of ipe decking exceeds all existing code requirements for exterior constructions and has been ASTM-D143 tested. An ipe deck will be able to structurally handle many square feet of snow!
LANDMARK® PRO
The Expert’s Choice

Shown in Max Def Driftwood

Certainteed
SAINT-GOBAIN
57
Introducing More Value

Landmark® Pro is designed specifically for the professional roofing contractor that takes pride in providing more to their customer.

Landmark® Pro improves upon the CertainTeed Landmark shingle, a leading consumer publication’s “Best Buy” for the past five years.

We started by adding more weathering asphalt to the industry’s toughest fiberglass mat to provide more protection. Then we incorporated our Maximum Definition color blend technology to give the product more vibrancy on the roof. Included is the proven performance of our NailTrak™ feature, enabling faster installation.

Landmark Pro offers the industry’s strongest warranty. Protecting your reputation and safeguarding homeowners from manufacturing and aesthetic defects.

LANDMARK PRO STANDARD WARRANTY

- Lifetime Limited Warranty
- 10-years of SureStart™ protection
- 15-year 110 MPH wind warranty (Upgrade to 130 MPH available. CertainTeed starter and CertainTeed hip and ridge required.)
- 15-year StreakFighter® algae resistance warranty

Add it all up and what you get is the opportunity to offer a lot of additional value for the money... and today that means more than ever.

LANDMARK® PRO

Landmark Pro specifications:
- 250 lbs/square
- Premium Max Def color palette
- NailTrak for faster installation
- Lifetime limited warranty
- 15-year algae resistance
- 10-year SureStart protection includes:
  - Materials, labor, tear off and disposal cost
- 15-year 110 MPH wind warranty with upgrade to 130 MPH available

LANDMARK®

Landmark specifications:
- 234 lbs/square
- Traditional color palette
- NailTrak for faster installation
- Lifetime limited warranty
- 10-year algae resistance
- 10-year SureStart protection includes:
  - Materials and labor costs
- 15-year 110 MPH wind warranty with upgrade to 130 MPH available
Max Def Colors

Look deeper. With Max Def, a new dimension is added to shingles with a richer mixture of surface granules. You get a brighter, more vibrant, more dramatic appearance and depth of color. And the natural beauty of your roof shines through.

Landmark Pro Silver Birch® is an ENERGY STAR® rated product and may qualify for a federal tax credit.
Wider. Faster. Proven.

For the past 10 years, NailTrak™ has enabled installers to shingle with improved speed and accuracy. With a nailing area that’s three times WIDER than typical laminate shingles, nails hit home with NailTrak. A feature on all Landmark® Series shingles. Speed and accuracy result in lower labor costs.

No leaks. No de-lamination. No callbacks. The cost of doing business has gone down with NailTrak.

Wide nailing area for increased speed and accuracy.

Sealant placed low to avoid gumming up nail guns.

Specially formulated Quadra-Bond adhesive adheres the two-piece laminate shingle.