

**MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION**  
**STAFF REPORT**

<b>Address:</b>	7209 Holly Ave., Takoma Park	<b>Meeting Date:</b>	8/14/2019
<b>Resource:</b>	Outstanding Resource <b>Takoma Park Historic District</b>	<b>Report Date:</b>	8/7/2019
<b>Applicant:</b>	Jamie and Sarah Raskin <b>(Jane Treacy, Architect)</b>	<b>Public Notice:</b>	7/31/2019
<b>Review:</b>	HAWP	<b>Tax Credit:</b>	Partial
<b>Case Number:</b>	37/03-19HH	<b>Staff:</b>	Michael Kyne
<b>PROPOSAL:</b>	Demolition and building addition		

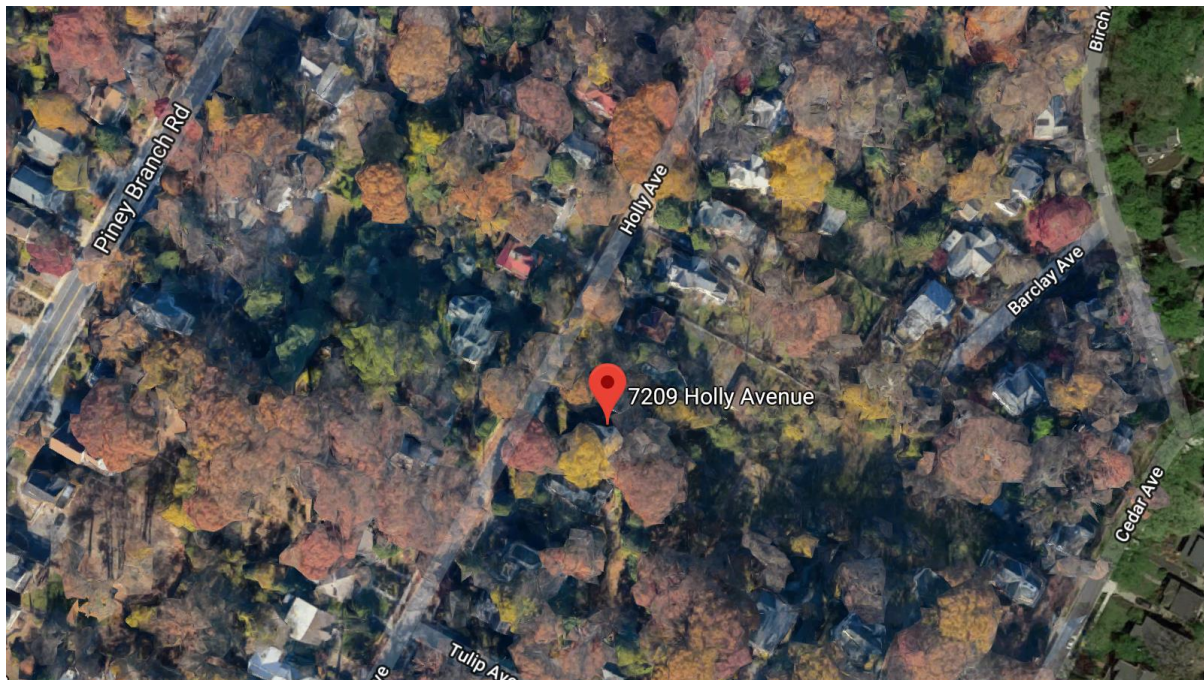
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**STAFF RECOMMENDATION**

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.<sup>1</sup>

## **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”.

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<sup>1</sup> 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](http://mncppc.granicus.com/MediaPlayer.php?publish_id=b8e2f280-98de-11e9-b00b-0050569183fa)  
Link to staff report from the June 26, 2019 HPC meeting: <https://montgomeryplanning.org/wp-content/uploads/2019/06/III.A-7209-Holly-Avenue-Takoma-Park.pdf>

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](mailto:michael.kyne@montgomeryplanning.org) to schedule a follow-up site visit.



**HISTORIC PRESERVATION COMMISSION**  
**301/563-3400**

DP8 - #8

# APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Email: jane@treacyeagleburger.com Contact Person: Jane Treacy  
 Tax Account No.: 01079337 Daytime Phone No.: 202-362-5226 ext 1  
 Name of Property Owner: Jamin & Sarah Raskin Daytime Phone No.: \_\_\_\_\_  
 Address: 7209 Holly Avenue Takoma Park Maryland 20912  
Street Number City State Zip Code  
 Contractor: TBD Phone No.: TBD  
 Contractor Registration No.: TBD  
 Agent for Owner: Jane Treacy, Architect Daytime Phone No.: 202-362-5226 ext 1

## LOCATION OF BUILDING/PREMISE

House Number: 7209 Street: HOLLY AVENUE  
 Town/City: TAKOMA PARK Nearest Cross Street: TULIP AVENUE  
 Lot: P6 Block: 6 Subdivision: 0025  
 Liber: \_\_\_\_\_ Folio: \_\_\_\_\_ Parcel: \_\_\_\_\_

## PART ONE: TYPE OF PERMIT ACTION AND USE

### 1A. CHECK ALL APPLICABLE:

- ☐ Construct ☒ Extend ☒ Alter/Renovate  
☐ Move ☐ Install ☐ Wreck/Raze  
☐ Revision ☐ Repair ☐ Revocable

### CHECK ALL APPLICABLE:

- ☐ A/C ☐ Slab ☒ Room Addition ☒ Porch ☐ Deck ☐ Shed  
☐ Solar ☐ Fireplace ☐ Woodburning Stove ☐ Single Family  
☒ Fence/Wall (complete Section 4) ☐ Other: \_\_\_\_\_

1B. 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 FOR 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/easement

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]  
 Signature of owner or authorized agent

June 3, 2019

Date

Approved: \_\_\_\_\_ For Chairperson, Historic Preservation Commission

Disapproved: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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

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

**Owner's mailing address**

Jamie & Sarah Raskin  
 7209 Holly Avenue  
 Takoma Park, MD 20912

**Owner's Agent's mailing address**

Jane Treacy  
 Treacy & Eagleburger Architects  
 3335 Connecticut Ave, NW  
 Washington, DC 20008

**Adjacent and confronting Property Owners mailing addresses**

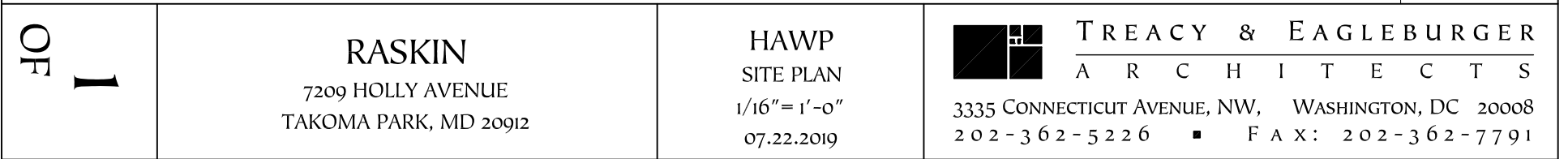
Karl Wright & Jozef van Damme  
 7206 Holly Avenue  
 Takoma Park, MD 20912

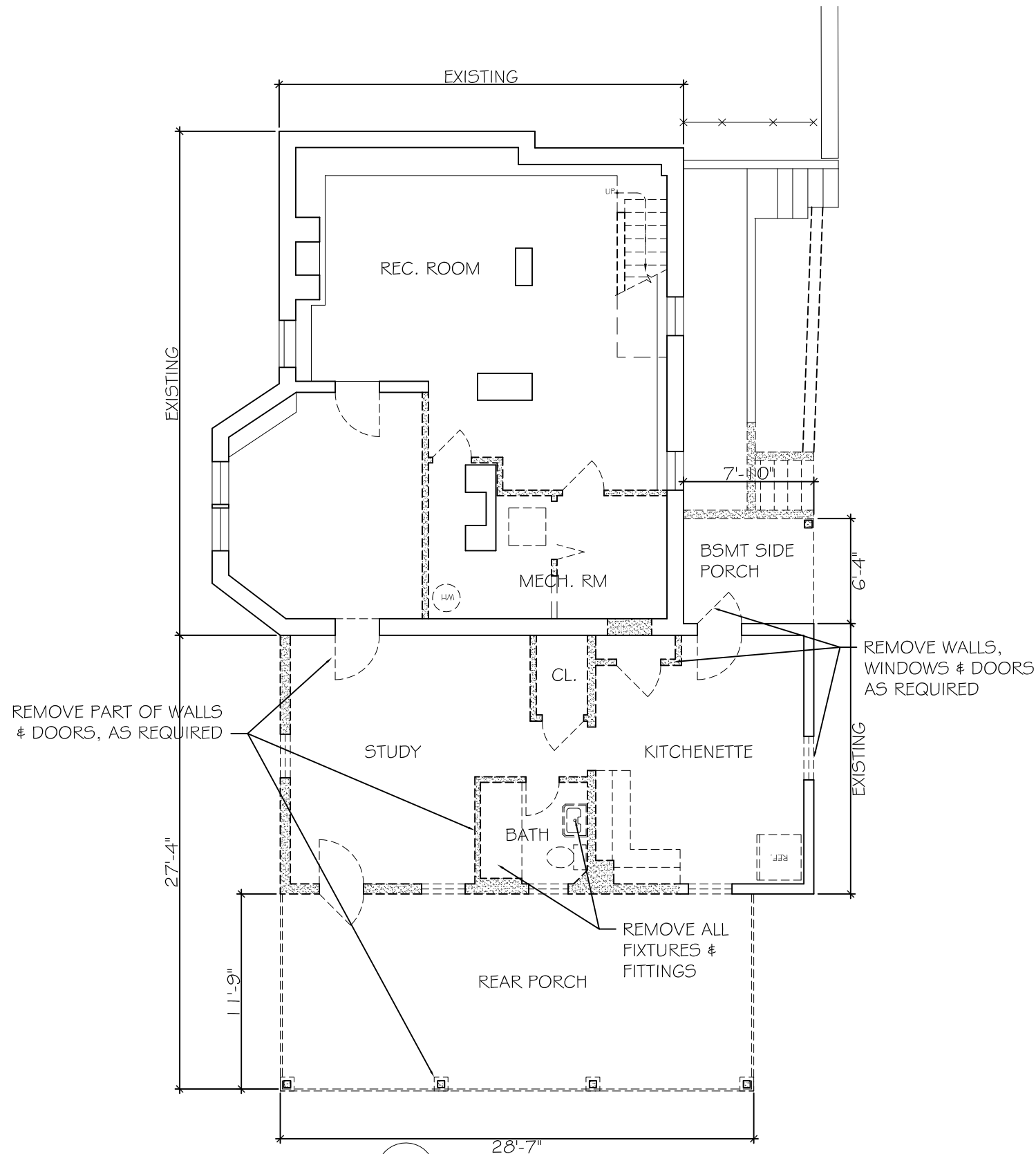
Harold Phipps  
 7210 Holly Avenue  
 Takoma Park, MD 20912

Timothy & Brigitte Searchinger  
 7207 Holly Avenue  
 Takoma Park, MD 20912

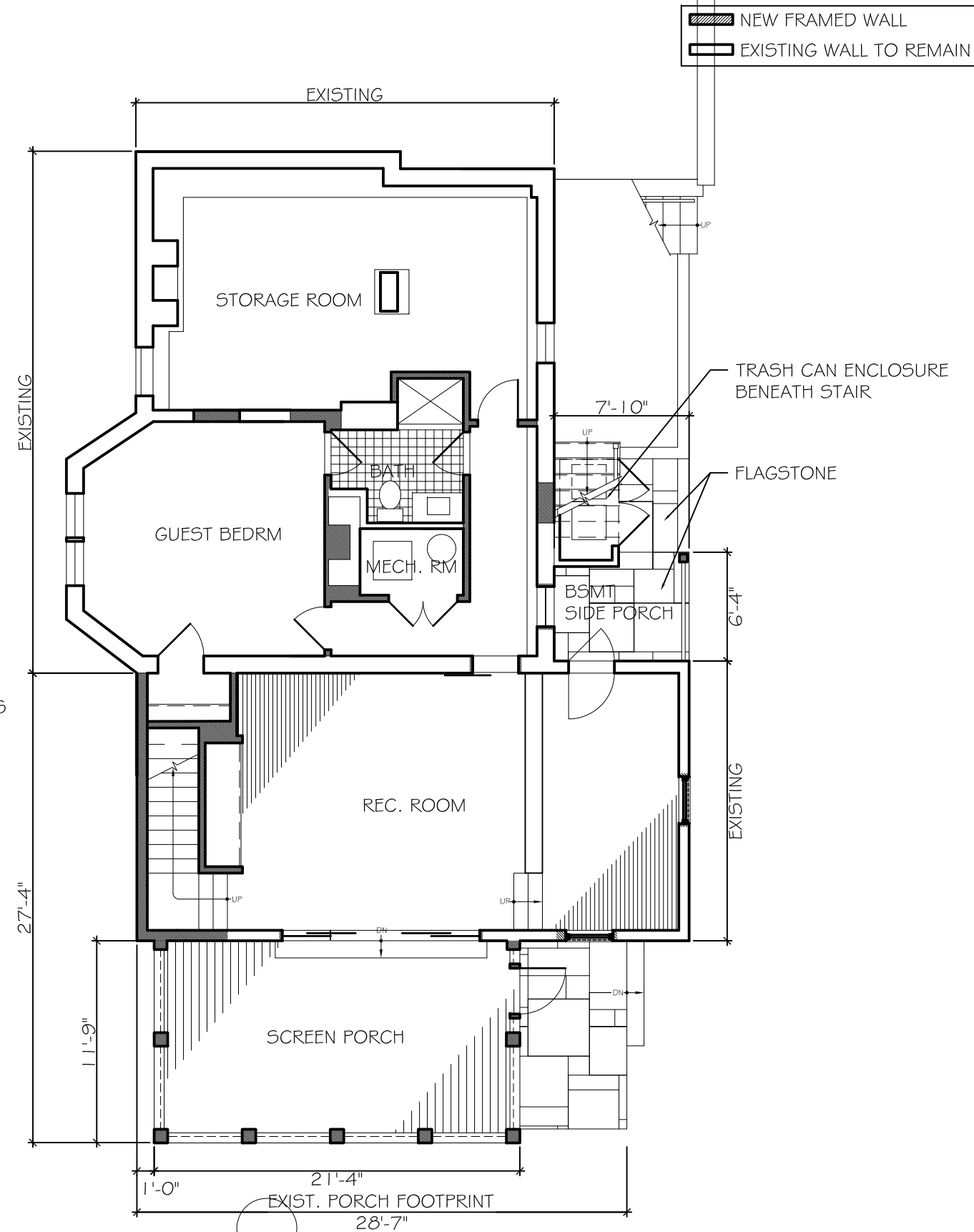
Nancy Knight & Martin Collins  
 7211 Holly Avenue  
 Takoma Park, MD 20912

Wolfgang & Gertrude Mergner  
 104 Tulip Avenue  
 Takoma Park, MD 20912



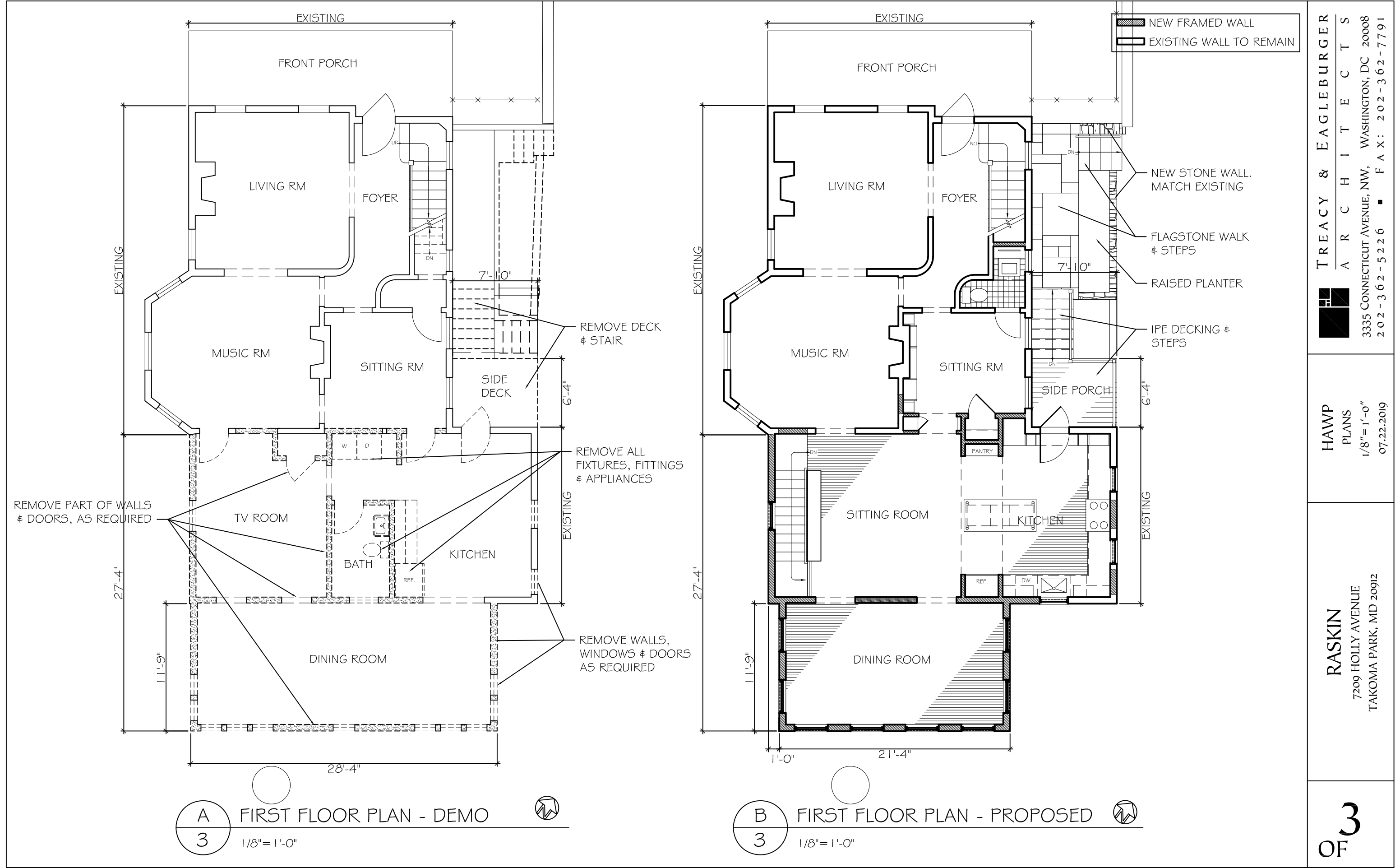


**A**  
2  
BASEMENT PLAN - DEMO  
1/8" = 1'-0"

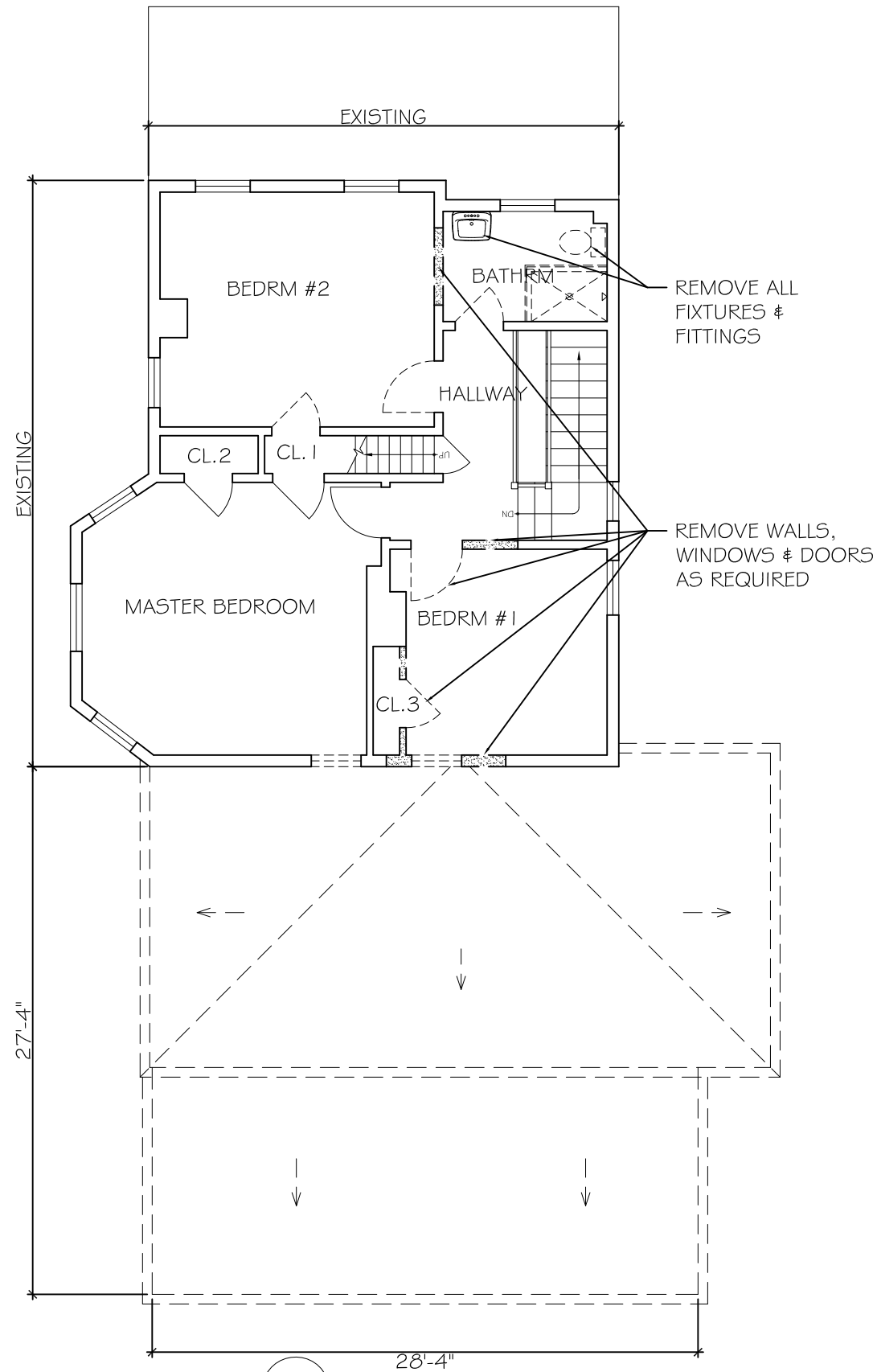


**B**  
2  
BASEMENT PLAN - PROPOSED  
1/8" = 1'-0"



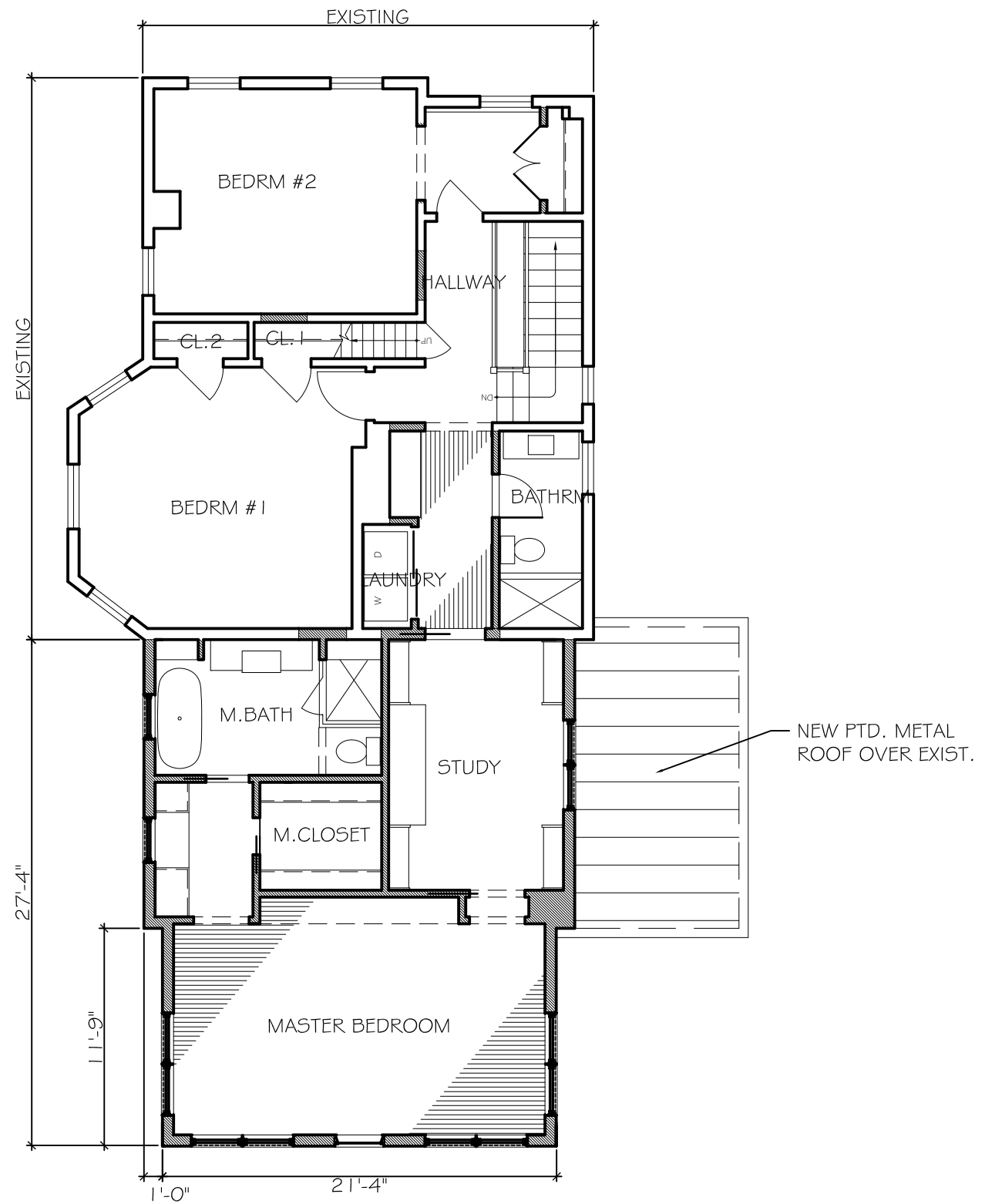






**A**  
4 SECOND FLOOR PLAN - DEMO

1/8" = 1'-0"



**B**  
4 SECOND FLOOR PLAN - PROPOSED

1/8" = 1'-0"

NEW FRAMED WALL  
EXISTING WALL TO REMAIN



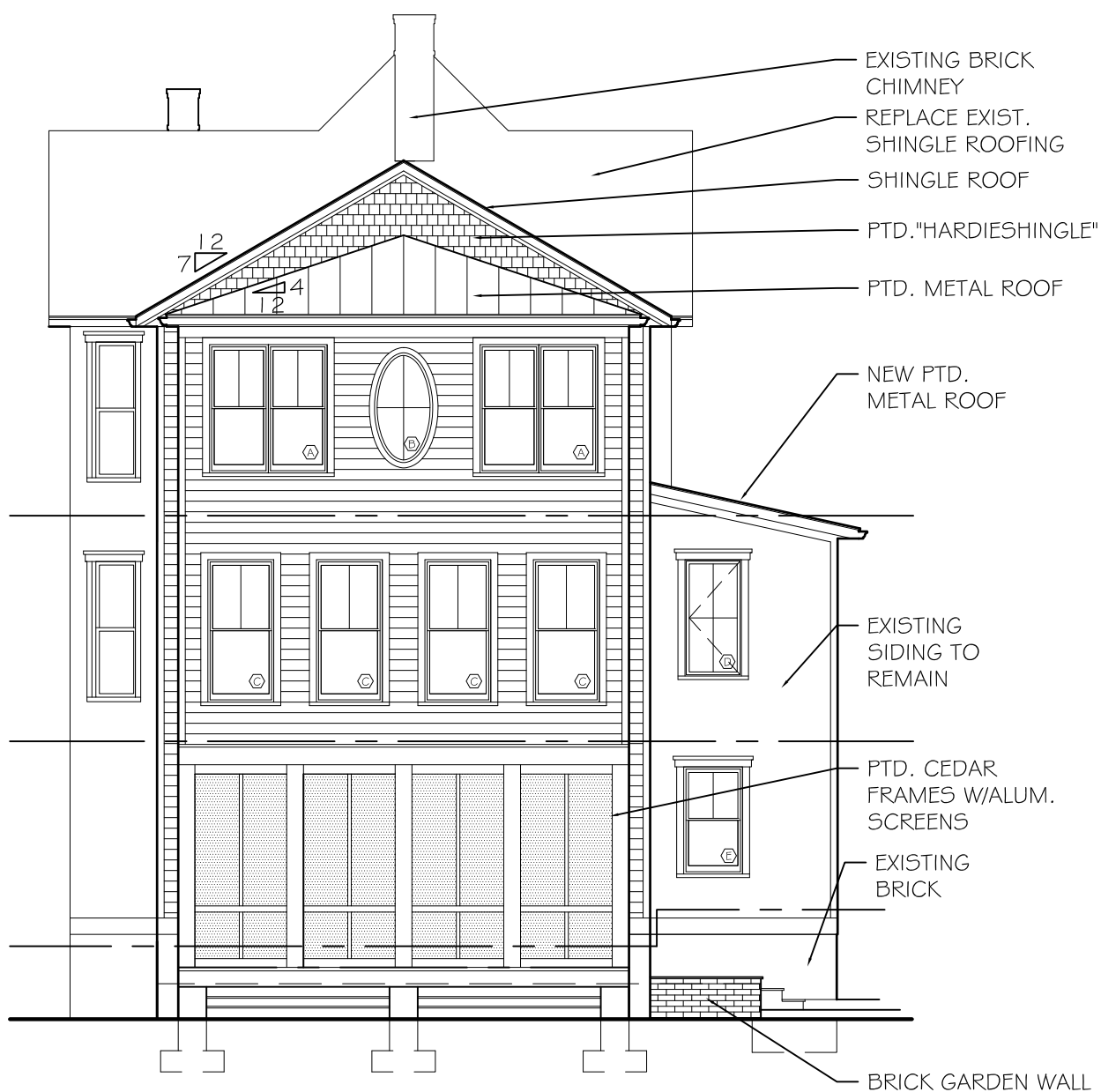
**A**  
5 NORTH ELEVATION EXISTING  
1/8" = 1'-0"



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



A REAR ELEVATION EXISTING  
6 1/8" = 1'-0"



B REAR ELEVATION - PROPOSED  
6 1/8" = 1'-0"



A  
7 SOUTH ELEVATION EXISTING  
1/8" = 1'-0"



B  
7 SOUTH ELEVATION - PROPOSED  
1/8" = 1'-0"

OF  
7

**RASKIN**  
7209 HOLLY AVENUE  
TAKOMA PARK, MD 20912

**HAWP**  
ELEVATIONS  
1/8" = 1'-0"  
07.22.2019



**TREACY & EAGLEBURGER**  
ARCHITECTS

3335 CONNECTICUT AVENUE, NW, WASHINGTON, DC 20008  
202-362-5226 ■ FAX: 202-362-7791



A NORTH-WEST ELEVATION- EXISTING  
8 1/8" = 1'-0"



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



EXISTING NORTH SIDE



PROPOSED NORTH SIDE





EXISTING REAR SIDE



PROPOSED REAR SIDE



EXISTING SOUTH SIDE



PROPOSED SOUTH SIDE





FRONT- NORTHWEST



SIDE- NORTH EAST



REAR - SOUTH EAST



SIDE - SOUTH WEST



FRONT/SIDE- NORTH WEST





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"

Mas. Opg. Primed	Mas. Opg. Clad	Rough Opg.	Frame	Glass	24	24	24
2-8 3/4	2-6 1/8	2-6 1/8	2-5 3/8	14-14	2414	2414-2	2414-3
3-2 13/16	3-1 1/4	3-1 1/4	3-0 3/4	16-16	2416	2416-2	2416-3
3-6 13/16	3-5 1/4	3-5 1/4	3-4 3/4	20-20	2420	2420-2	2420-3
4-2 13/16	4-1 1/4	4-1 1/4	4-0 3/4	22-22	2422	2422-2	2422-3
4-6 13/16	4-5 1/4	4-5 1/4	4-4 3/4	24-24	2424	2424-2	2424-3
4-10 13/16	4-9 1/4	4-9 1/4	4-8 3/4	26-26	2426	2426-2	2426-3
5-2 13/16	5-1 1/4	5-1 1/4	5-0 3/4	28-28	2428	2428-2	2428-3
5-6 13/16	5-5 1/4	5-5 1/4	5-4 3/4	30-30	2430	2430-2	2430-3
5-10 13/16	5-9 1/4	5-9 1/4	5-8 3/4	32-32	2432	2432-2	2432-3
6-2 13/16	6-1 1/4	6-1 1/4	6-0 3/4	34-34	2434	2434-2	2434-3
6-6 13/16	6-5 1/4	6-5 1/4	6-4 3/4	36-36	2436	2436-2	2436-3

### 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 BRICKMOLD.  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.



# Pinnacle Series

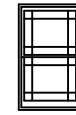
## DOUBLE HUNG - 26" WIDE

### ELEVATIONS

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

	Mas. Opg. Primed	Mas. Opg. Clad	Rough Opg.	Frame	Glass						
						2-10 3/4	5-6 1/8	8-1 1/2			
						2-8 1/8	5-3 1/2	7-10 7/8			
						2-8 1/8	5-3 1/2	7-10 7/8			
						2-7 3/8	5-2 3/4	7-10 1/8			
						26	26	26			
3-2 13/16	3-1 1/4	3-1 1/4	3-0 3/4	14-14							
						2614	2614-2	2614-3			
3-6 13/16	3-5 1/4	3-5 1/4	3-4 3/4	16-16							
						2616	2616-2	2616-3			
4-2 13/16	4-1 1/4	4-1 1/4	4-0 3/4	20-20							
						2620	2620-2	2620-3			
4-6 13/16	4-5 1/4	4-5 1/4	4-4 3/4	22-22							
						2622	2622-2	2622-3			
4-10 13/16	4-9 1/4	4-9 1/4	4-8 3/4	24-24							
						2624	2624-2	2624-3			
5-2 13/16	5-1 1/4	5-1 1/4	5-0 3/4	26-26							
						2626	2626-2	2626-3			
5-6 13/16	5-5 1/4	5-5 1/4	5-4 3/4	28-28							
						2628	2628-2	2628-3			
5-10 13/16	5-9 1/4	5-9 1/4	5-8 3/4	30-30							
						2630	2630-2	2630-3			
6-2 13/16	6-1 1/4	6-1 1/4	6-0 3/4	32-32							
						2632	2632-2	2632-3			
6-6 13/16	6-5 1/4	6-5 1/4	6-4 3/4	34-34							
						2634	2634-2	2634-3			
6-10 13/16	6-9 1/4	6-9 1/4	6-8 3/4	36-36							
						2636	2636-2	2636-3			

### 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

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- ADD 3 5/8" TO FRAME HEIGHT\*

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ADD ADDITIONAL 1 1/32" FOR BELLY SILL

#### NOTE:

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TO CALCULATE MASONRY OPENING

#### NOTES:

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






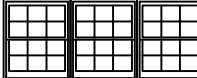


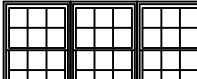

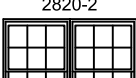
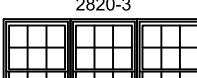




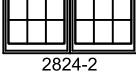


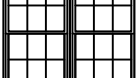
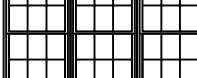

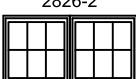
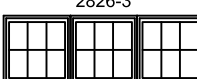




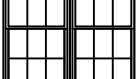


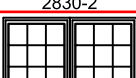
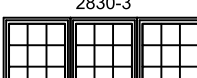


# Pinnacle Series

## DOUBLE HUNG - 28" WIDE

### ELEVATIONS

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

Mas. Opq. Primed Mas. Opq. Clad Rough Opq. Frame Glass	3-0 3/4 2-10 1/8 2-10 1/8 2-9 3/8 28 14-14	5-10 1/8 5-7 1/2 5-7 1/2 5-6 3/4 28	8-7 1/2 8-4 7/8 8-4 7/8 8-4 1/8 28
3-2 13/16 3-1 1/4 3-1 1/4 3-0 3/4 14-14	 2814	 2814-2	 2814-3
3-6 13/16 3-5 1/4 3-5 1/4 3-4 3/4 16-16	 2816	 2816-2	 2816-3
4-2 13/16 4-1 1/4 4-1 1/4 4-0 3/4 20-20	 2820	 2820-2	 2820-3
4-6 13/16 4-5 1/4 4-5 1/4 4-4 3/4 22-22	 2822	 2822-2	 2822-3
4-10 13/16 4-9 1/4 4-9 1/4 4-8 3/4 24-24	 2824	 2824-2	 2824-3
5-2 13/16 5-1 1/4 5-1 1/4 5-0 3/4 26-26	 2826	 2826-2	 2826-3
5-6 13/16 5-5 1/4 5-5 1/4 5-4 3/4 28-28	 2828	 2828-2	 2828-3
5-10 13/16 5-9 1/4 5-9 1/4 5-8 3/4 30-30	 2830	 2830-2	 2830-3
6-2 13/16 6-1 1/4 6-1 1/4 6-0 3/4 32-32	 2832	 2832-2	 2832-3
6-6 13/16 6-5 1/4 6-5 1/4 6-4 3/4 34-34	 2834	 2834-2	 2834-3
6-10 13/16 6-9 1/4 6-9 1/4 6-8 3/4 36-36	 2836	 2836-2	 2836-3

### 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 BRICKMOLD.  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

# Pinnacle Series

## DOUBLE HUNG - 32" WIDE

### ELEVATIONS

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

Mas. Opg. Primed Mas. Opg. Clad Rough Opg. Frame Glass	3-4 3/4	6-6 1/8	9-7 1/2
3-2 1/8	3-2 1/8	6-3 1/2	9-4 7/8
3-1 3/8	3-1 3/8	6-2 3/4	9-4 1/8
32	32	32	32
3-2 13/16			
3-1 1/4	3214	3214-2	3214-3
3-1 1/4			
3-0 3/4	3216	3216-2	3216-3
14-14			
16-16	3220	3220-2	3220-3
4-2 13/16			
4-1 1/4	3222	3222-2	3222-3
4-1 1/4			
4-0 3/4	3224	3224-2	3224-3
20-20			
22-22	3226	3226-2	3226-3
4-6 13/16			
4-5 1/4	3228	3228-2	3228-3
4-5 1/4			
4-4 3/4	3230	3230-2	3230-3
24-24			
26-26	3232	3232-2	3232-3
5-2 13/16			
5-1 1/4	3234	3234-2	3234-3
5-1 1/4			
5-0 3/4	3236	3236-2	3236-3
28-28			
30-30	3238	3238-2	3238-3
5-6 13/16			
5-5 1/4	3240	3240-2	3240-3
5-5 1/4			
5-4 3/4	3242	3242-2	3242-3
28-28			
30-30	3244	3244-2	3244-3
5-10 13/16			
5-9 1/4	3246	3246-2	3246-3
5-9 1/4			
5-8 3/4	3248	3248-2	3248-3
32-32			
34-34	3250	3250-2	3250-3
6-2 13/16			
6-1 1/4	3252	3252-2	3252-3
6-1 1/4			
6-0 3/4	3254	3254-2	3254-3
36-36			
36-36	3256	3256-2	3256-3

### 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 BRICKMOLD.  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

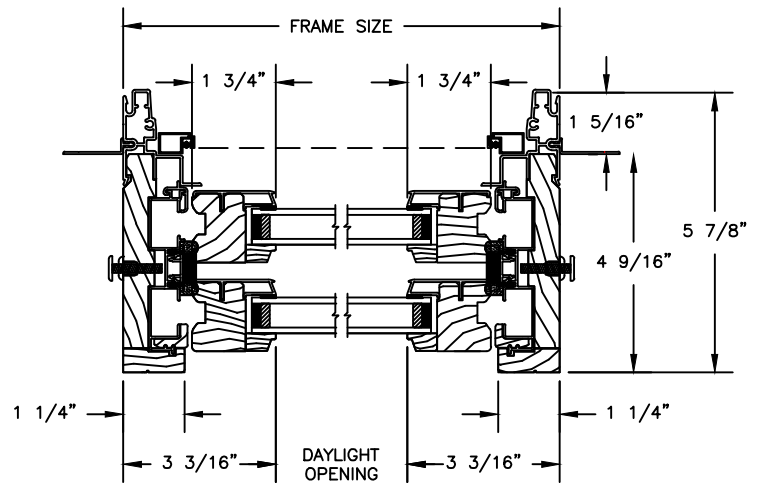
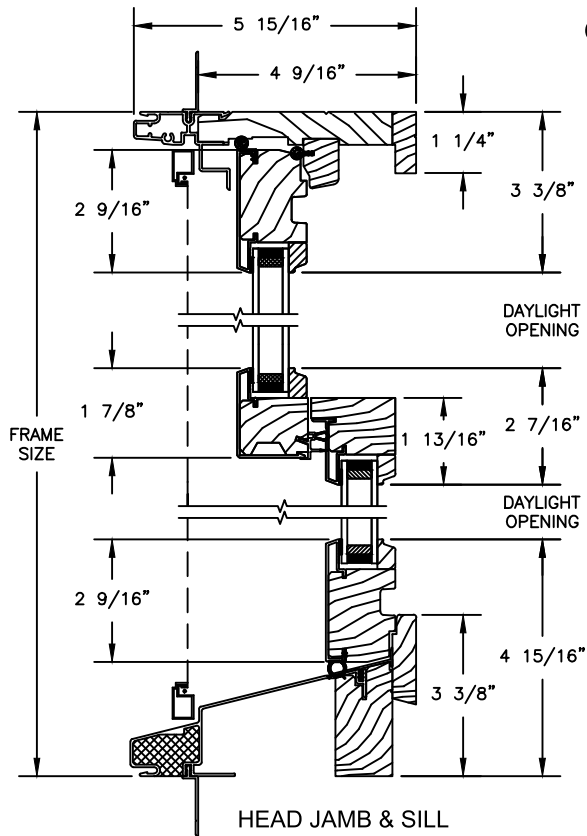
# Pinnacle Series

## CLAD DOUBLE HUNG - Concealed Jambliner Option

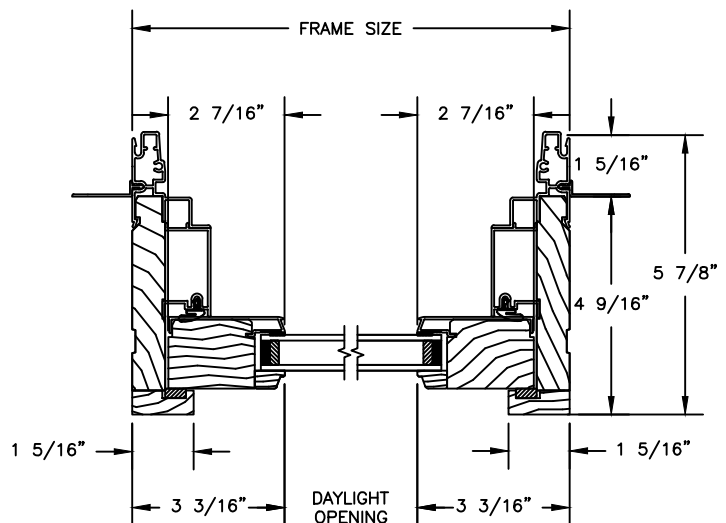
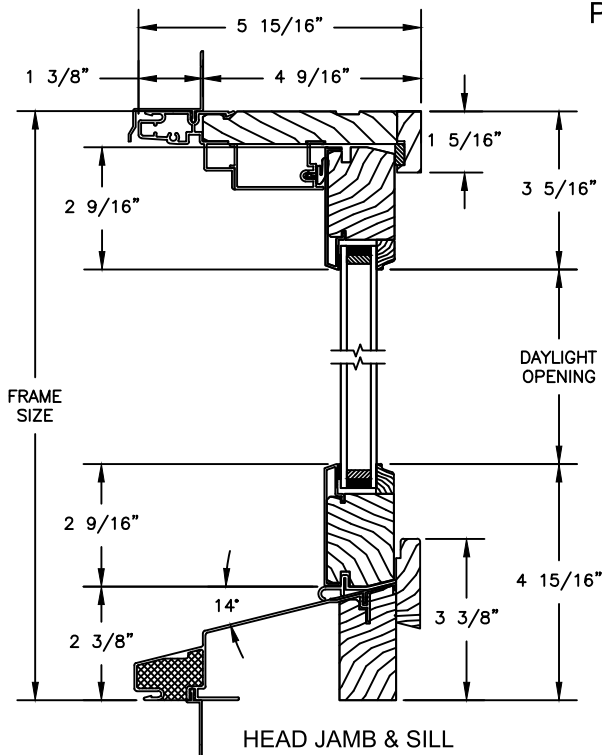
SECTION DETAILS : OPERATING / PICTURE

SCALE: 3" = 1'-0"

OPERATING



PICTURE






# Pinnacle Series

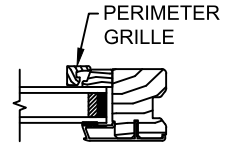
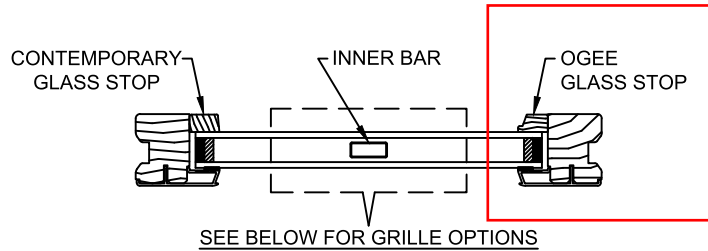
## CLAD DOUBLE HUNG - Concealed Jambliner Option

SECTION DETAILS : DIVIDED LITE OPTIONS

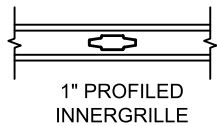
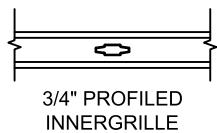
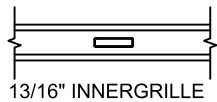
SCALE: 3" = 1'-0"

### AVAILABLE STYLES

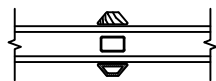
-  - PUTTY
-  - OGEE
-  - CONTEMPORARY



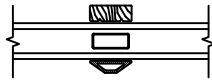
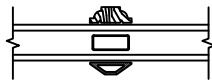
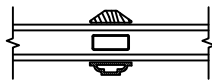
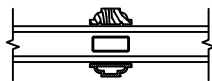
DETAIL: A



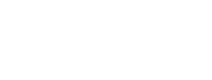
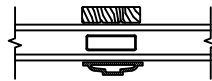
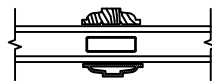
5/8" WDL WITH  
INNER BAR



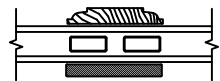
7/8" WDL WITH  
INNERBAR



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

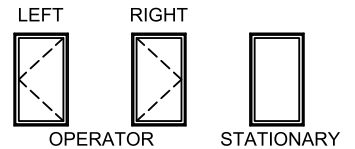
## CASEMENT - 24" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

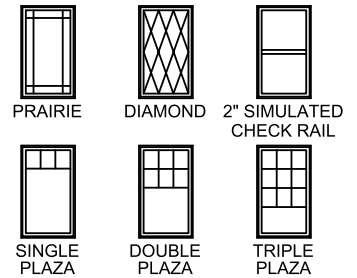
SCALE: 1/8" = 1'-0"

	Mas. Opg. Primed Mas. Opg. Clad Rough Opg. Primed Frame Glass	2-7 9/16 2-4 3/4 2-4 3/4 2-4 3/4 2-4 24	4-11 9/16 4-8 3/4 4-8 3/4 4-8 3/4 4-8 24	7-3 9/16 7-0 3/4 7-0 3/4 7-0 3/4 7-0 24	9-7 9/16 9-4 3/4 9-4 3/4 9-4 3/4 9-4 24
2-2 15/16 2-0 1/2 2-1 1/4 2-0 1/2 2-0 20					
2-8 15/16 2-6 1/2 2-7 1/4 2-6 1/2 2-6 26					
3-2 15/16 3-0 1/2 3-1 1/4 3-0 1/2 3-0 32					
3-8 15/16 3-6 1/2 3-7 1/4 3-6 1/2 3-6 38					
4-2 15/16 4-0 1/2 4-1 1/4 4-0 1/2 4-0 44					
4-8 15/16 4-6 1/2 4-7 1/4 4-6 1/2 4-6 50					
5-2 15/16 5-0 1/2 5-1 1/4 5-0 1/2 5-0 56					
5-8 15/16 5-6 1/2 5-7 1/4 5-6 1/2 5-6 62					

### OPERATION



### 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 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
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

### NOTE:

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

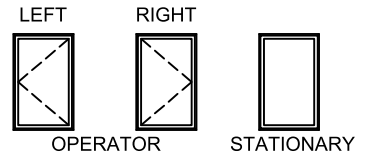
# Pinnacle Series

## CASEMENT - 26" WIDE

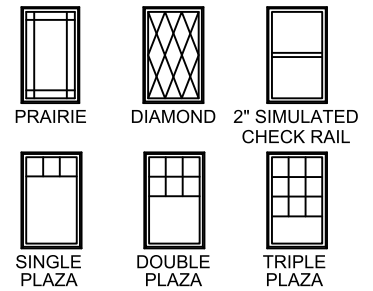
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"

	2-9 9/16	5-3 9/16	7-9 9/16	10-3 9/16
Mas. Opg. Primed	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
Mas. Opg. Clad	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
Rough Opg. Primed	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
Rough Opg. Clad	2-6	5-0	7-6	10-0
Frame	26	26	26	26
Glass				
2-2 15/16				
2-0 1/2	2620	2620-2	2620-3	2620-4
2-1 1/4				
2-0 1/2				
2-0				
20				
2-8 15/16				
2-6 1/2	2626	2626-2	2626-3	2626-4
2-7 1/4				
2-6 1/2				
2-6				
26				
3-2 15/16				
3-0 1/2	2632	2632-2	2632-3	2632-4
3-1 1/4				
3-0 1/2				
3-0				
32				
3-8 15/16				
3-6 1/2	2638*	2638-2	2638-3	2638-4
3-7 1/4				
3-6 1/2				
3-6				
38				
4-2 15/16				
4-0 1/2	2644	2644-2	2644-3	2644-4
4-1 1/4				
4-0 1/2				
4-0				
44				
4-8 15/16				
4-6 1/2	2650	2650-2	2650-3	2650-4
4-7 1/4				
4-6 1/2				
4-6				
50				
5-2 15/16				
5-0 1/2	2656	2656-2	2656-3	2656-4
5-1 1/4				
5-0 1/2				
5-0				
56				
5-8 15/16				
5-6 1/2	2662	2662-2	2662-3	2662-4
5-7 1/4				
5-6 1/2				
5-6				
62				

### OPERATION



### 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 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
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

### NOTE:

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



# Pinnacle Series

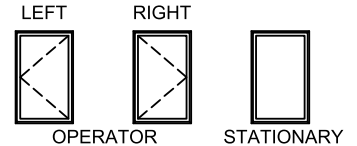
## CASEMENT - 28" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

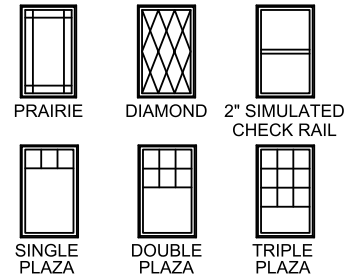
SCALE: 1/8" = 1'-0"

	Mas. Opp. Primed Mas. Opp. Clad Rough Opp. Primed Rough Opp. Clad Frame Glass	2-11 9/16	5-7 9/16	8-3 9/16	10-11 9/16
		2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
		2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
		2-8 3/4	5-4 3/4	8-0 3/4	10-8 3/4
		2-8	5-4	8-0	10-8
		28	28	28	28
2-2 15/16					
2-0 1/2		2820	2820-2	2820-3	2820-4
2-1 1/4					
2-0 1/2					
2-0					
20					
2-8 15/16					
2-6 1/2		2826	2826-2	2826-3	2826-4
2-7 1/4					
2-6 1/2					
2-6					
26					
3-2 15/16					
3-0 1/2		2832	2832-2	2832-3	2832-4
3-1 1/4					
3-0 1/2					
3-0					
32					
3-8 15/16					
3-6 1/2		2838	2838-2	2838-3	2838-4
3-7 1/4					
3-6 1/2					
3-6					
38					
4-2 15/16					
4-0 1/2		2844	2844-2	2844-3	2844-4
4-1 1/4					
4-0 1/2					
4-0					
44					
4-8 15/16					
4-6 1/2		2850	2850-2	2850-3	2850-4
4-7 1/4					
4-6 1/2					
4-6					
50					
5-2 15/16					
5-0 1/2		2856	2856-2	2856-3	2856-4
5-1 1/4					
5-0 1/2					
5-0					
56					
5-8 15/16					
5-6 1/2		2862	2862-2	2862-3	2862-4
5-7 1/4					
5-6 1/2					
5-6					
62					

### OPERATION



### 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 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
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

### NOTE:

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

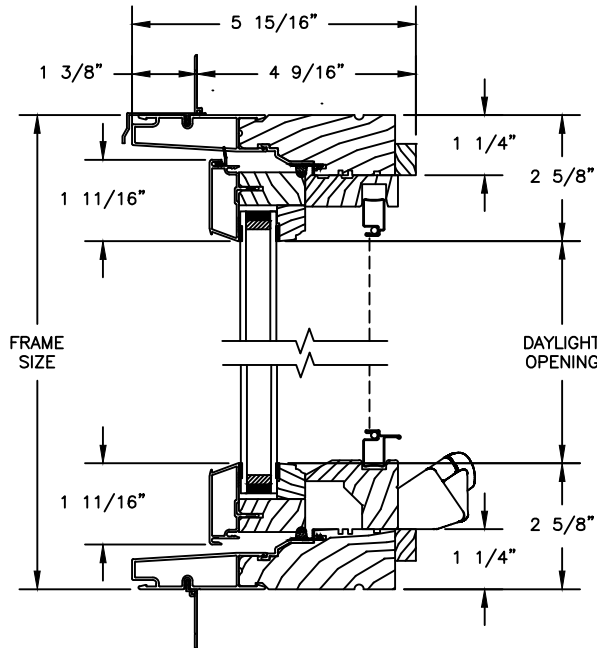
# Pinnacle Series

## CLAD CASEMENT

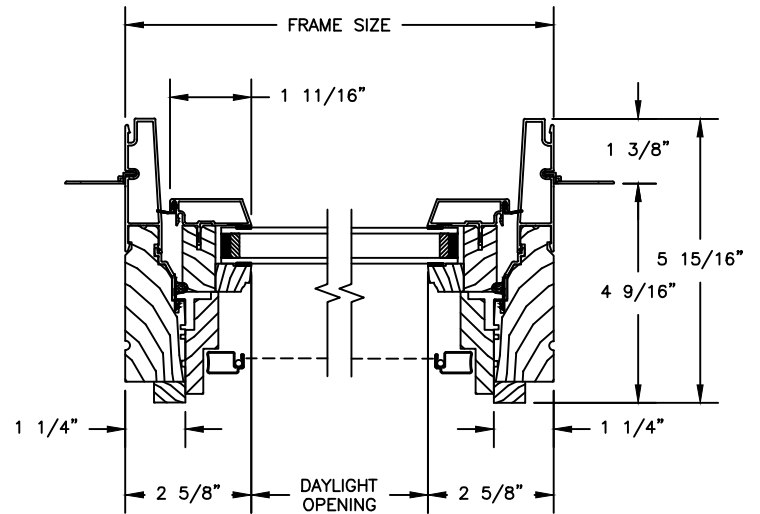
SECTION DETAILS : OPERATING / STATIONARY

SCALE: 3" = 1'-0"

### OPERATING

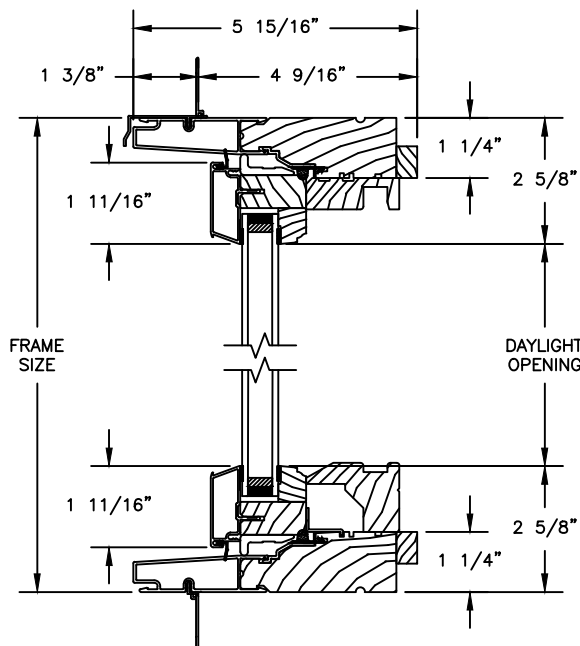


HEAD JAMB & SILL

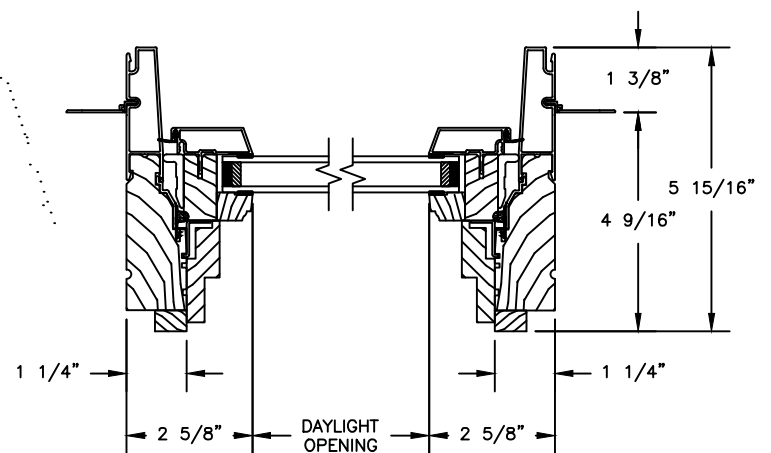


JAMBS

### STATIONARY



HEAD JAMB & SILL



JAMBS

# Pinnacle Series

## CLAD CASEMENT


SECTION DETAILS : GLASS STOP & DIVIDED LITE OPTIONS

SCALE: 3" = 1'-0"

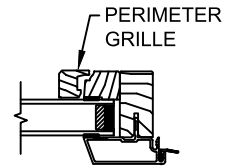
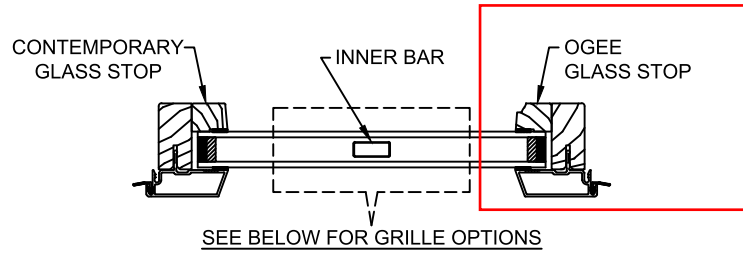
### AVAILABLE STYLES

 - PUTTY

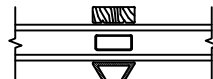
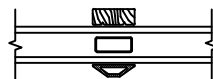
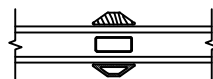
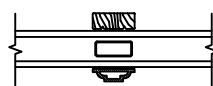
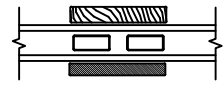
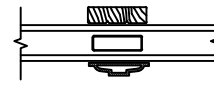
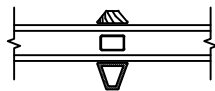
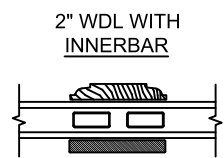
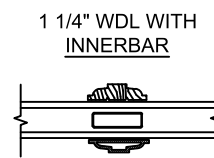
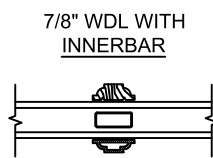
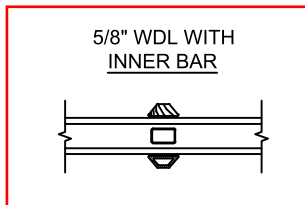
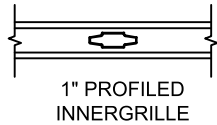
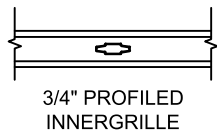
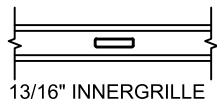
 - TALL PUTTY

 - OGEE

 - CONTEMPORARY



DETAIL: A



### 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)



**WINDSOR**  
WINDOWS & DOORS  
A Woodgrain Millwork Company



# PATIO DOORS

WOOD CLAD AND VINYL OPTIONS FROM WINDSOR WINDOWS & DOORS


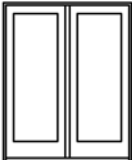
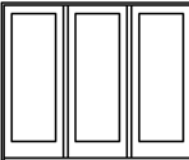

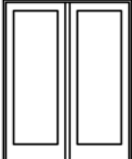


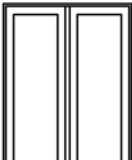
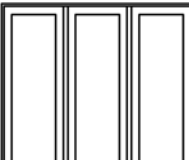
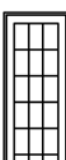
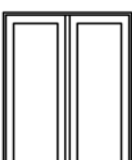

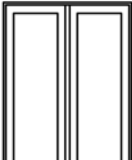


# Pinnacle Series

## CLAD PATIO DOOR - FRENCH OUTSWING

### ELEVATIONS

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

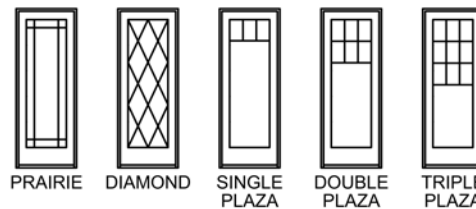
Mas. Opg. Clad Rough Opg. Frame * Glass	2-9 2-9 2-8 1/4 22	5-4 13/16 5-4 13/16 5-4 1/16 22	8-0 5/8 8-0 5/8 7-11 7/8 22
6-7 1/2 6-7 1/2 6-7 63 7/8	 2868	 5468	 8068
6-10 3/8 6-10 3/8 6-9 7/8 66 3/4	 28610	 54610	 80610
7-11 3/8 7-11 3/8 7-10 7/8 79 3/4	 2880	 5480	 8080
8-11 3/8 8-11 3/8 8-10 7/8 91 3/4	 2890	 5490	
9-11 3/8 9-11 3/8 9-10 7/8 103 3/4	 28100	 54100	

NOTE:  
THE ACTIVE PANEL (X) CAN BE PLACED IN ANY POSITION AND HINGED IN EITHER DIRECTION, LEFT (XL), OR RIGHT (XR). 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 3/8" TO GLASS HEIGHT  
FOR 10" SUBTRACT 2" FROM GLASS HEIGHT

### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

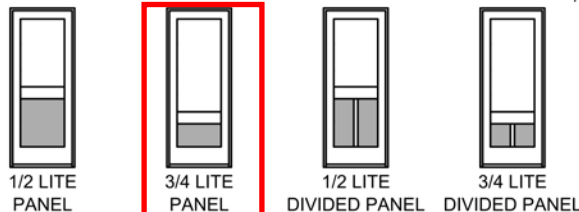
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 13/32" TO FRAME HEIGHT

#### 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

### OTHER PANEL OPTIONS

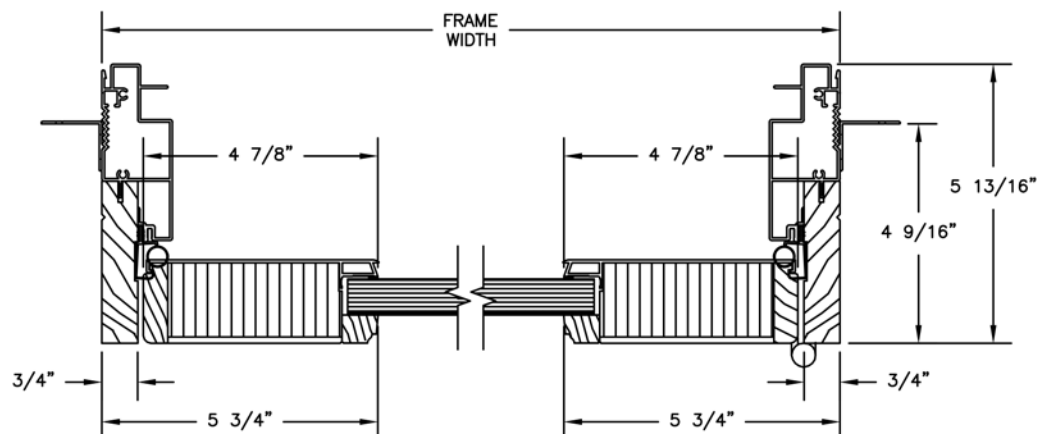
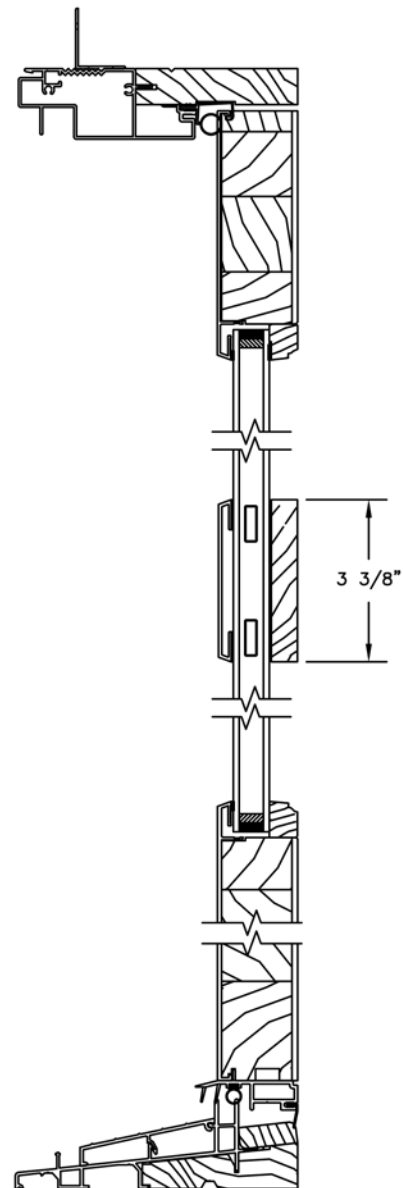
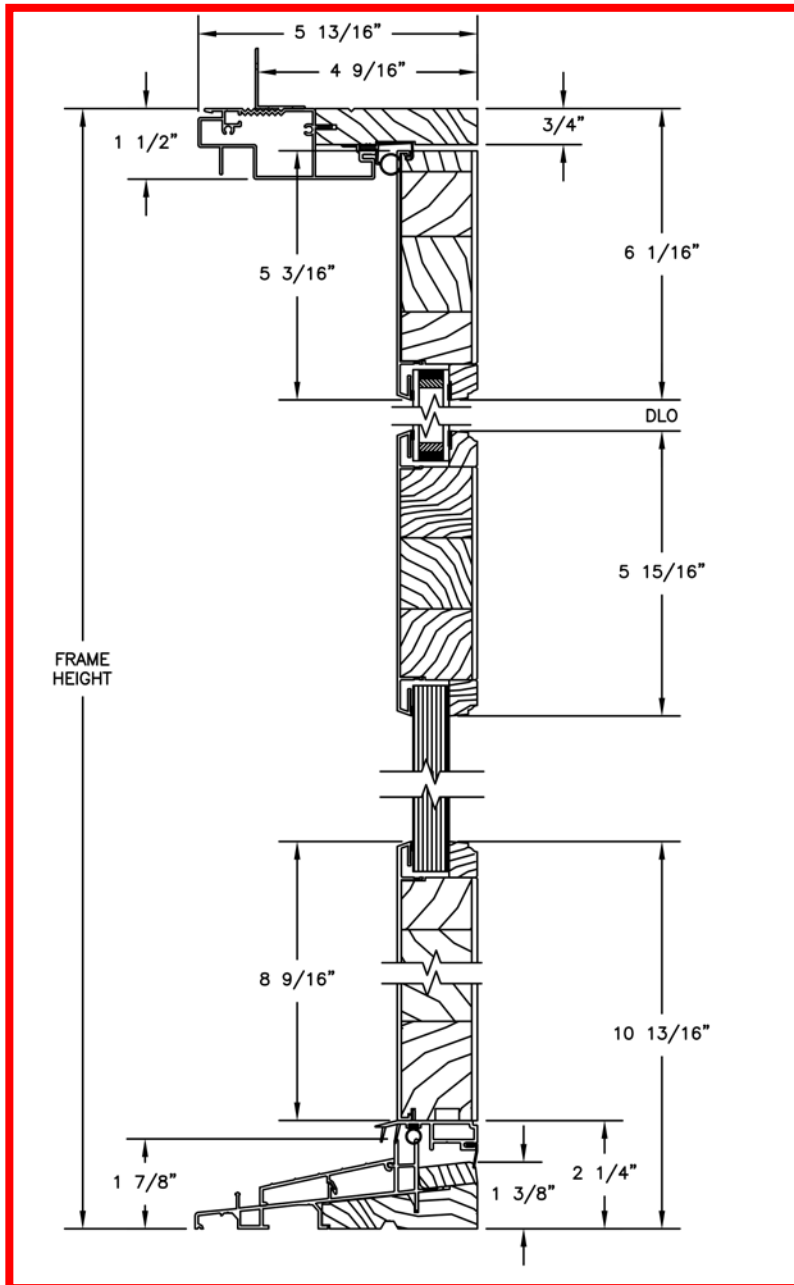


NOTES:  
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING  
ALL UNITS LISTED ARE BUILT AS ONE FRAME

# 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"



# Pinnacle Series

## CLAD FRENCH PATIO DOOR

SECTION DETAILS : GLASS STOP & DIVIDED LITE OPTIONS

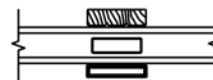
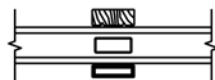
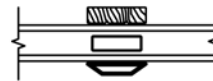
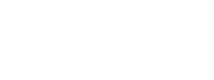
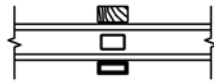
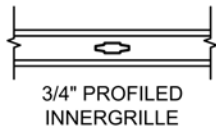
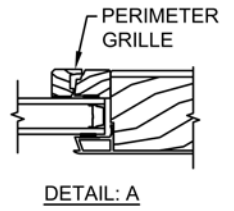
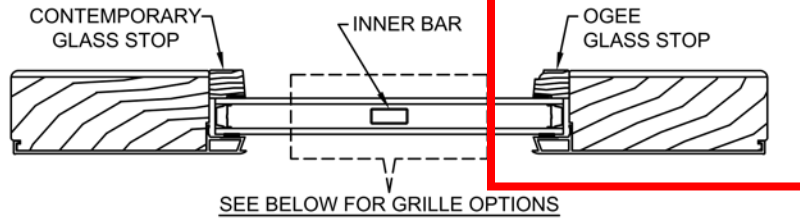
SCALE: 3" = 1'-0"

### AVAILABLE STYLES

 - PUTTY

 - OGEE

 - CONTEMPORARY



### 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



PINNACLE CASEMENT, DIRECT SET AND PICTURE WINDOWS, AND IN-SWING PATIO DOOR. Cleveland, Ohio.

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.<sup>1</sup>

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



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

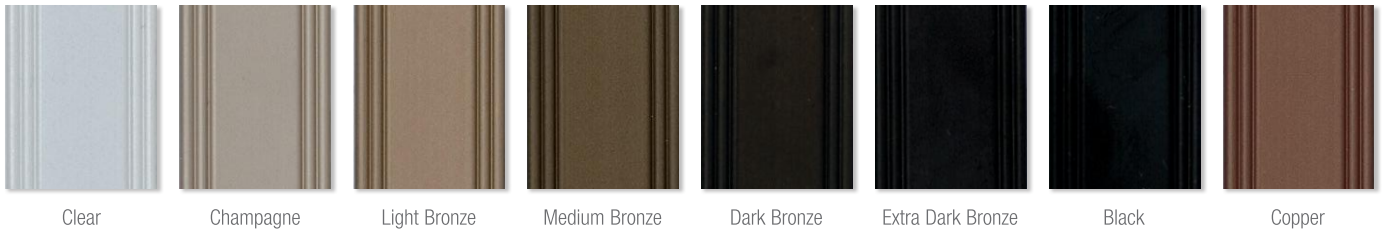
Custom color matching is also available.



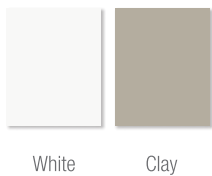
<sup>1</sup>2604 finish backed by a 20-year\* warranty; 2605 finish backed by a 30-year\* warranty; applications within one mile of the coast carry a 10-year warranty. For specific warranty details, please refer to the complete warranty document posted on our website, [www.windsorwindows.com](http://www.windsorwindows.com).

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

## Anodized Finishes *(For Pinnacle and Legend HBR)*

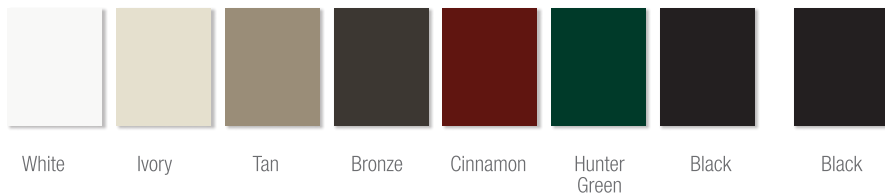


## Standard Vinyl Colors *(For Next Dimension)*



## Painted Vinyl Exterior Colors *(For Next Dimension)*

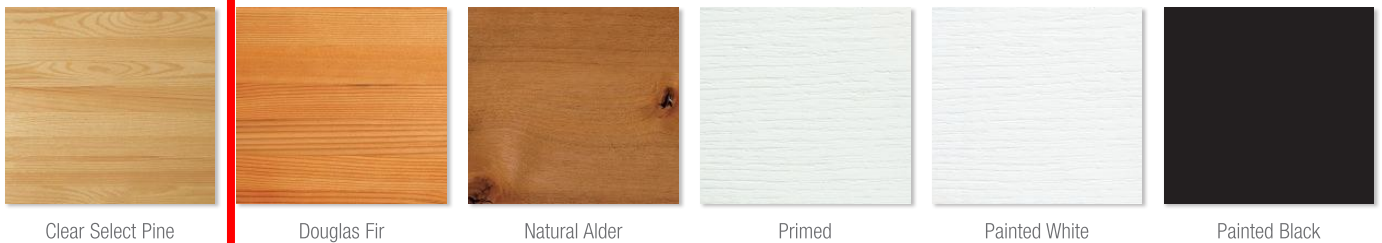
White vinyl interior is available with white, ivory, tan, bronze, cinnamon, hunter green or black exterior. Clay vinyl interior is available with bronze or black exterior.



## Painted Vinyl Interior Colors *(For Next Dimension)*

## 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.



## Glass

\*Special order item



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



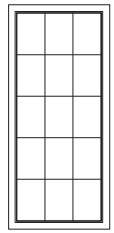
5/8", 7/8" & 1-1/4"  
Short and Tall Putty  
Windsor Divided Lite



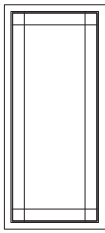
5/8", 7/8" & 1-1/4"  
Contemporary Windsor  
Divided Lite

## Grille Patterns

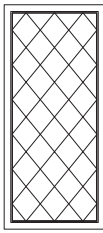
Some grille patterns are not available in all configurations and products.



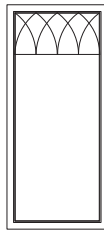
Colonial



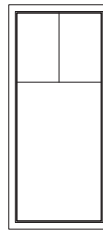
Prairie



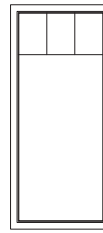
Diamond



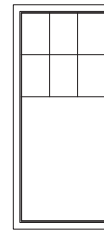
Gothic



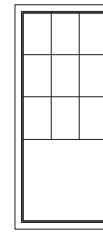
Custom  
Plaza



Single  
Plaza



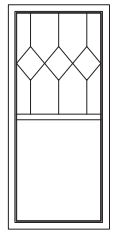
Double  
Plaza



Triple  
Plaza



Specified  
Equal Lite  
(2x2 shown)



Custom  
Pattern  
(Example)

## 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"



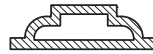
2"

### Interior Grilles – Midrail

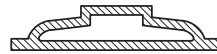


3-3/8"

### Exterior Grilles – Ogee



7/8"



1-1/4"

### Exterior Grilles – Putty



5/8" (Short)



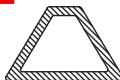
7/8" (Short)



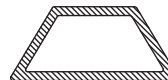
1-1/4" (Short)



5/8" (Tall)



7/8" (Tall)



1-1/4" (Tall)



2" (Tall)

### Exterior Grilles – Contemporary



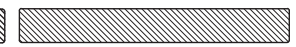
5/8" (Short)



7/8" (Short)



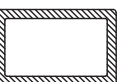
1-1/4" (Short)



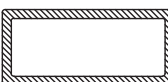
2"



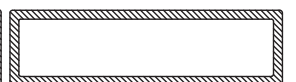
5/8" (Tall)



7/8" (Tall)



1-1/4" (Tall)



2" (Tall)

### 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.

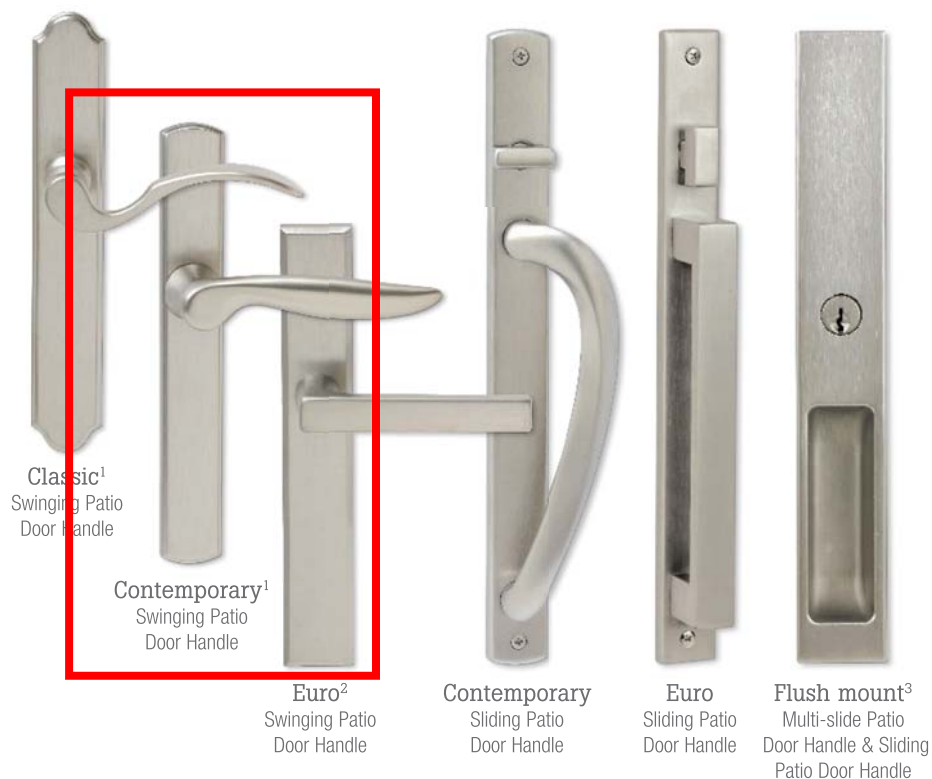


## Patio Door Handles (For Pinnacle and Legend HBR)

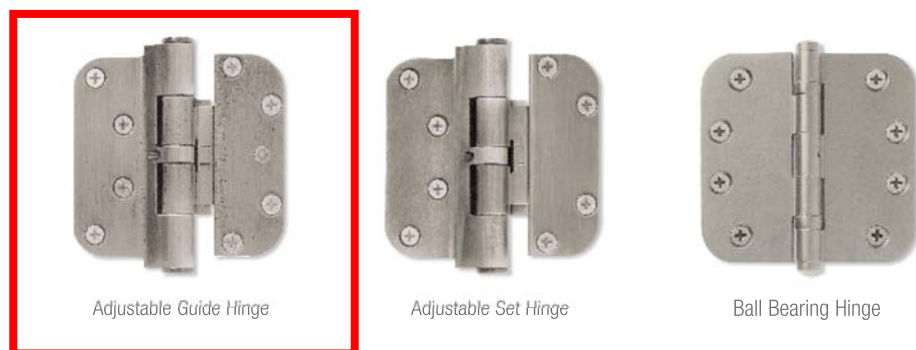
1/Bi-fold doors are available with a classic or contemporary swinging handle in satin nickel, brass and oil rubbed bronze; 2/Euro swinging handle is only available in satin nickel and black; 3/Flush mount handle is only available in satin nickel, faux bronze, oil rubbed bronze and black.

## 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)







# TruExterior®

Siding & Trim

# 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



Pictured: Cove/Dutch Lap

\*Please see TruExterior® Siding & Trim Limited Warranties and Product Data Sheets for proprietary test results, located at [TruExterior.com](http://TruExterior.com). Always follow local building codes and construction best practices. See the complete Installation Guidelines for TruExterior® Siding & Trim at [TruExterior.com](http://TruExterior.com).





Pictured: Cove/Dutch Lap



### V-RUSTIC

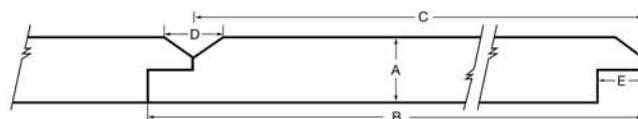
The V-Rustic profile features a deep "V" groove that creates an appealing shadow line effect.

Available Finish:



smooth

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Channel (D)	Tongue (E)
1 x 6	0.6875"	5.50"	5.0"	0.625"	0.50"
1 x 8	0.6875"	7.50"	7.0"	0.625"	0.50"
1 x 10	0.6875"	9.50"	9.0"	0.625"	0.50"



### COVE/DUTCH LAP

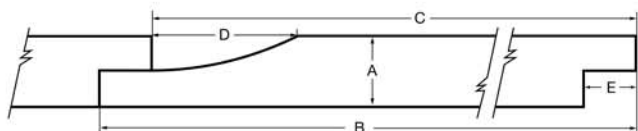
The Cove/Dutch Lap profile features a subtle curve that creates a unique, eased appearance.

Available Finish:



smooth

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Channel (D)	Tongue (E)
1 x 6	0.6875"	5.50"	4.969"	1.469"	0.531"
1 x 8	0.6875"	7.25"	6.719"	1.469"	0.531"
1 x 10	0.6875"	9.25"	8.719"	1.469"	0.531"



### CHANNEL

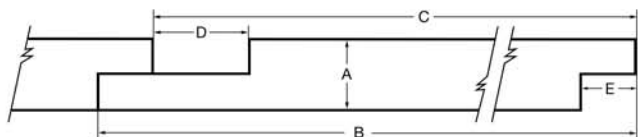
The Channel profile's wide groove creates a rich shadow line effect.

Available Finish:



smooth

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Channel (D)	Tongue (E)
1 x 6	0.6875"	5.50"	4.969"	0.969"	0.531"
1 x 8	0.6875"	7.25"	6.719"	0.969"	0.531"
1 x 10	0.6875"	9.25"	8.719"	0.969"	0.531"







# 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.



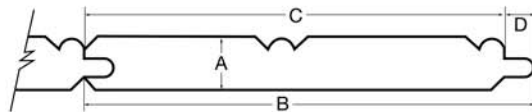
### SINGLE BEADBOARD

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

Available Finish:



Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Tongue (D)
5/8 x 4	0.625"	3.50"	3.16"	0.34"
5/8 x 6	0.625"	5.25"	4.91"	0.34"



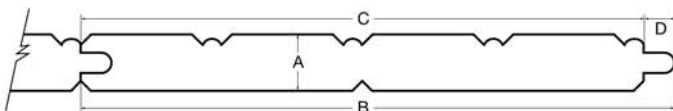
### DOUBLE BEADBOARD

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

Available Finish:



Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Tongue (D)
5/8 x 8	0.625"	6.6825"	6.3425"	0.34"
5/8 x 12	0.625"	10.25"	9.91"	0.34"



\*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.



1X Trim Sizes		5/4 Trim Sizes		2X Trim Sizes	
Nominal	Actual	Nominal	Actual	Nominal	Actual
—	—	—	—	2 x 2	1-1/2" x 1-1/2"
1 x 3	3/4" x 2-1/2"	5/4 x 3	1" x 2-1/2"	—	—
1 x 4	3/4" x 3-1/2"	5/4 x 4	1" x 3-1/2"	2 x 4	1-1/2" x 3-1/2"
1 x 5	3/4" x 4-1/2"	5/4 x 5	1" x 4-1/2"	—	—
1 x 6	3/4" x 5-1/2"	5/4 x 6	1" x 5-1/2"	2 x 6	1-1/2" x 5-1/2"
1 x 8	3/4" x 7-1/4"	5/4 x 8	1" x 7-1/4"	2 x 8	1-1/2" x 7-1/4"
1 x 10	3/4" x 9-1/4"	5/4 x 10	1" x 9-1/4"	2 x 10	1-1/2" x 9-1/4"
1 x 12	3/4" x 11-1/4"	5/4 x 12	1" x 11-1/4"	2 x 12	1-1/2" x 11-1/4"

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)

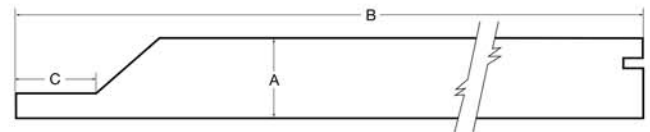


smooth



woodgrain

Nominal Size	Actual Thickness (A)	Actual Width (B)	Tongue (C)
1 x 6	0.75"	5.50"	1.0"
1 x 8	0.75"	7.25"	1.0"
5/4 x 6	1.0"	5.50"	1.0"
5/4 x 8	1.0"	7.25"	1.0"



## 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)

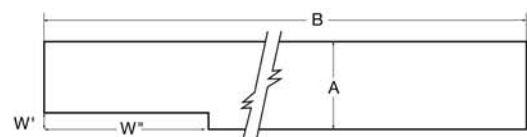


smooth



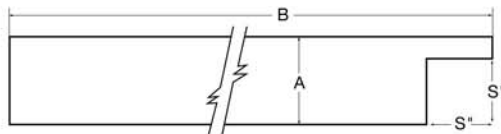
woodgrain

Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')
5/4 x 4	1.0"	3.50"	0.187" x 1.88"
5/4 x 6	1.0"	5.50"	0.187" x 1.88"
5/4 x 8	1.0"	7.25"	0.187" x 1.88"





Nominal Size	Actual Thickness (A)	Actual Width (B)	Siding Pocket (S' x S'')
5/4 x 3	1.0"	2.50"	0.75" x 0.75"
5/4 x 4	1.0"	3.50"	0.75" x 0.75"
5/4 x 5	1.0"	4.50"	0.75" x 0.75"
5/4 x 6	1.0"	5.50"	0.75" x 0.75"
5/4 x 8	1.0"	7.25"	0.75" x 0.75"



### 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)



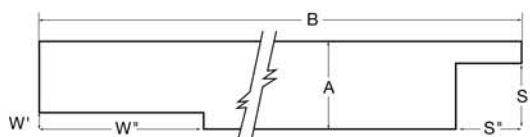
smooth



woodgrain



Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')	Siding Pocket (S' x S'')
5/4 x 4	1.0"	3.50"	0.187" x 1.88"	0.75" x 0.75"
5/4 x 6	1.0"	5.50"	0.187" x 1.88"	0.75" x 0.75"
5/4 x 8	1.0"	7.25"	0.187" x 1.88"	0.75" x 0.75"



### WINDOW AND SIDING POCKET RABBETED TRIM

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

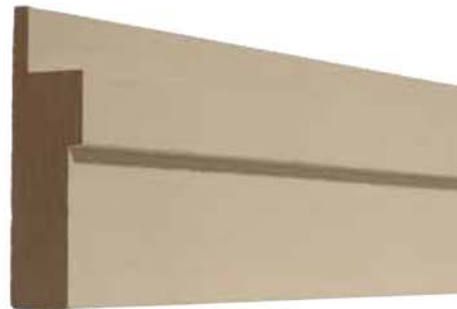
**Available Finishes:**  
(not reversible)



smooth



woodgrain





**HardieShingle®**

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.

**HardieTrim®**  
4/4 x 7.25 in.  
Arctic White

**HardieShingle®**  
7 in. Straight  
Edge Panel  
Light Mist

Achieve the handcrafted  
**LOOK OF CEDAR.**



### STAGGERED EDGE PANEL

*Sandstone Beige*

Thickness	1/4 in.
Length	48 in.
Height	15.25 in.
Exposure	6 in.
Pcs./Pallet	100
Sq./Pallet	2
Pcs./Sq.	50



### STRAIGHT EDGE PANEL\*

*Iron Gray*

Thickness	1/4 in.	1/4 in.
Length	48 in.	48 in.
Height	14 in.	15.25 in.
Exposure	5 in.	7 in.
Pcs./Pallet	120	86
Sq./Pallet	2	2
Pcs./Sq.	60	43



### HALF ROUNDS

*Not available with ColorPlus Technology*

Thickness	1/4 in.
Length	48 in.
Height	15.25 in.
Exposure	7 in.
Pcs./Pallet	86
Sq./Pallet	2
Pcs./Sq.	43



### INDIVIDUAL SHINGLES\*

*Monterey Taupe*

Thickness	1/4 in.
Length	3.5 in. 4.5 in. 5.5 in. 7 in. 8.75 in.
Height	14 in.
Exposure	5 in.
Pcs./Pallet	960
Sq./Pallet	2
Pcs./Sq.	480

### INDIVIDUAL SHINGLES

*Monterey Taupe*

Thickness	1/4 in.
Length	4.2 in. 5.5 in. 6.75 in. 7.25 in. 10 in.
Height	15.25 in.
Exposure	7 in.
Pcs./Pallet	630
Sq./Pallet	2
Pcs./Sq.	315

\*5 in. Straight Edge Panel and 5 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](http://jameshardiepros.com)



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# IPE DECKING

The Gold Standard in Decking

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## 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



IpeDecking.com

**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 **STREAKFighter**

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



# LANDMARK® PRO COLOR PALETTE



Max Def Atlantic Blue



Max Def Birchwood



Max Def Burnt Sienna



Max Def Charcoal Black



Max Def Cobblestone Gray



Max Def Colonial Slate



Max Def Driftwood



Max Def Georgetown Gray



Max Def Granite Gray



Max Def Heather Blend



Max Def Moiré Black



Max Def Pewterwood



Max Def Resawn Shake



Max Def Weathered Wood



Max Def Hunter Green



Silver Birch



Max Def Shenandoah

## 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.

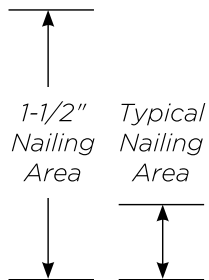
Landmark Pro Silver Birch® is an ENERGY STAR® rated product and may qualify for a federal tax credit.

# Wider. Faster. Proven.

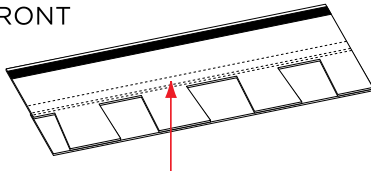
For the past 10 years, NailTrak™ has enabled installers to shingle with improved speed and accuracy. With a nailing area that's three times WIDER than typical laminate shingles, nails hit home with NailTrak. A feature on all Landmark® Series shingles. Speed and accuracy result in lower labor costs.

**No leaks. No de-lamination. No callbacks.**

**The cost of doing business has gone down with NailTrak.**

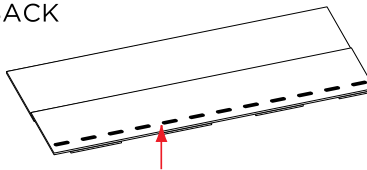


FRONT



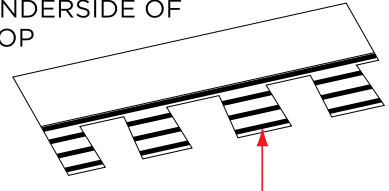
Wide nailing area for increased speed and accuracy.

BACK



Sealant placed low to avoid gumming up nail guns.

UNDERSIDE OF TOP



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

Landmark® Pro  
available in areas shown



**CertainTeed Corporation**

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • GYPSUM • CEILINGS • INSULATION

20 Moores Road Malvern, Pa 19355 Professional: 800-233-8990 Consumer: 800-782-8777 [certainteed.com](http://certainteed.com)

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## **BACKGROUND**

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

## **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”.

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<sup>1</sup> 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](http://mncppc.granicus.com/MediaPlayer.php?publish_id=b8e2f280-98de-11e9-b00b-0050569183fa)  
Link to staff report from the June 26, 2019 HPC meeting: <https://montgomeryplanning.org/wp-content/uploads/2019/06/III.A-7209-Holly-Avenue-Takoma-Park.pdf>

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](mailto:michael.kyne@montgomeryplanning.org) to schedule a follow-up site visit.





**HISTORIC PRESERVATION COMMISSION**  
**301/563-3400**

DP8 - #8

# **APPLICATION FOR HISTORIC AREA WORK PERMIT**

Contact Email: jane@treacyeagleburger.com Contact Person: Jane Treacy  
 Tax Account No.: 01079337 Daytime Phone No.: 202-362-5226 ext 1  
 Name of Property Owner: Jamin & Sarah Raskin Daytime Phone No.: \_\_\_\_\_  
 Address: 7209 Holly Avenue Takoma Park Maryland 20912  
Street Number City State Zip Code  
 Contractor: TBD Phone No.: TBD  
 Contractor Registration No.: TBD  
 Agent for Owner: Jane Treacy, Architect Daytime Phone No.: 202-362-5226 ext 1

**LOCATION OF BUILDING/PREMISE**

House Number: 7209 Street: HOLLY AVENUE  
 Town/City: TAKOMA PARK Nearest Cross Street: TULIP AVENUE  
 Lot: P6 Block: 6 Subdivision: 0025  
 Liber: \_\_\_\_\_ Folio: \_\_\_\_\_ Parcel: \_\_\_\_\_

**PART ONE: TYPE OF PERMIT ACTION AND USE**

**1A. CHECK ALL APPLICABLE:**

**CHECK ALL APPLICABLE:**

☐ Construct ☒ Extend ☒ Alter/Renovate  
☐ Move ☐ Install ☐ Wreck/Raze  
☐ Revision ☐ Repair ☐ Revocable

☐ A/C ☐ Slab ☒ Room Addition ☒ Porch ☐ Deck ☐ Shed  
☐ Solar ☐ Fireplace ☐ Woodburning Stove ☐ Single Family  
☒ Fence/Wall (complete Section 4) ☐ Other: \_\_\_\_\_

1B. 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 FOR 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/easement

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.

Jane Treacy June 3, 2019  
 Signature of owner or authorized agent Date

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

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

**Owner's mailing address**

Jamie & Sarah Raskin  
 7209 Holly Avenue  
 Takoma Park, MD 20912

**Owner's Agent's mailing address**

Jane Treacy  
 Treacy & Eagleburger Architects  
 3335 Connecticut Ave, NW  
 Washington, DC 20008

**Adjacent and confronting Property Owners mailing addresses**

Karl Wright & Jozef van Damme  
 7206 Holly Avenue  
 Takoma Park, MD 20912

Harold Phipps  
 7210 Holly Avenue  
 Takoma Park, MD 20912

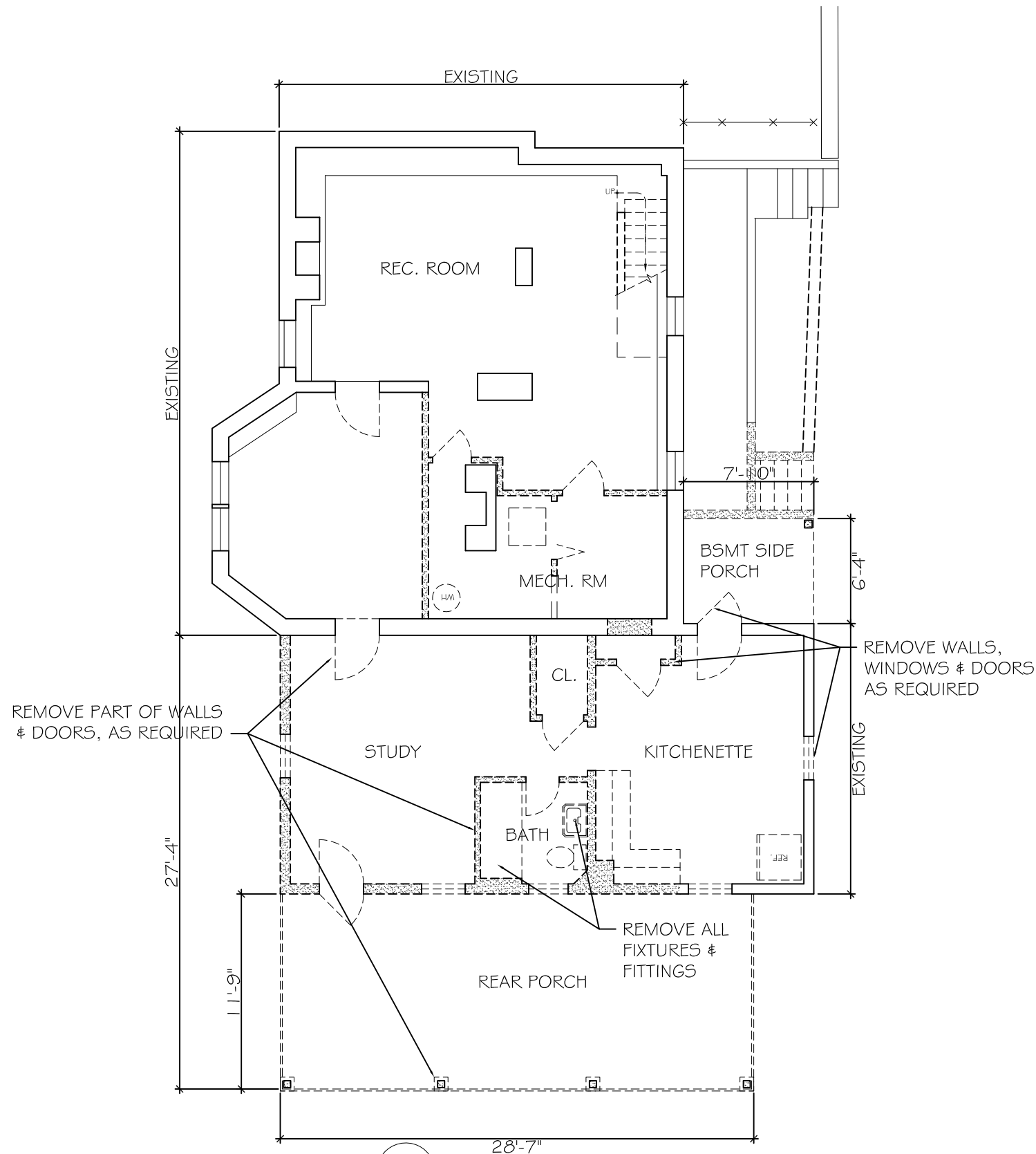
Timothy & Brigitte Searchinger  
 7207 Holly Avenue  
 Takoma Park, MD 20912

Nancy Knight & Martin Collins  
 7211 Holly Avenue  
 Takoma Park, MD 20912

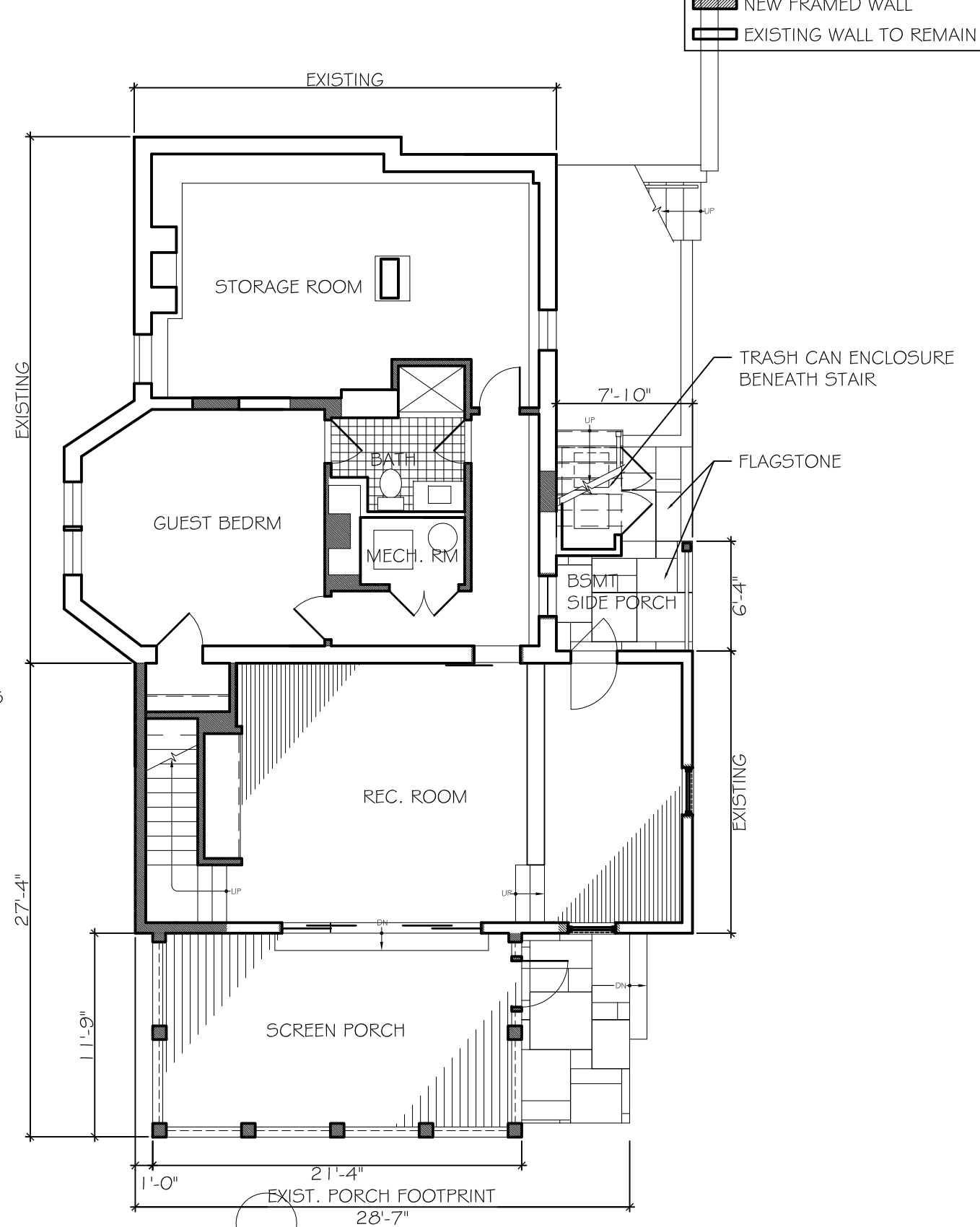
Wolfgang & Gertrude Mergner  
 104 Tulip Avenue  
 Takoma Park, MD 20912





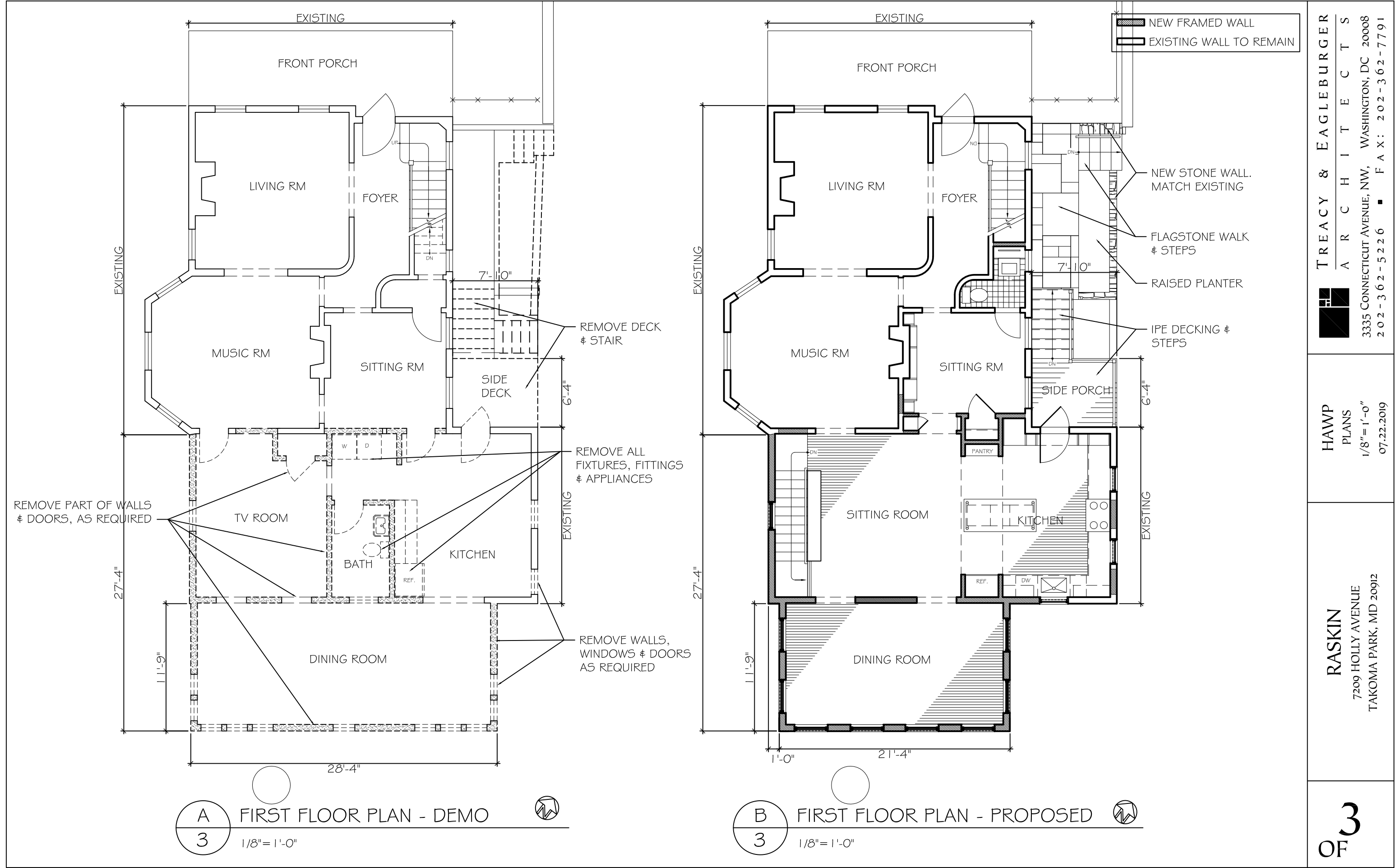


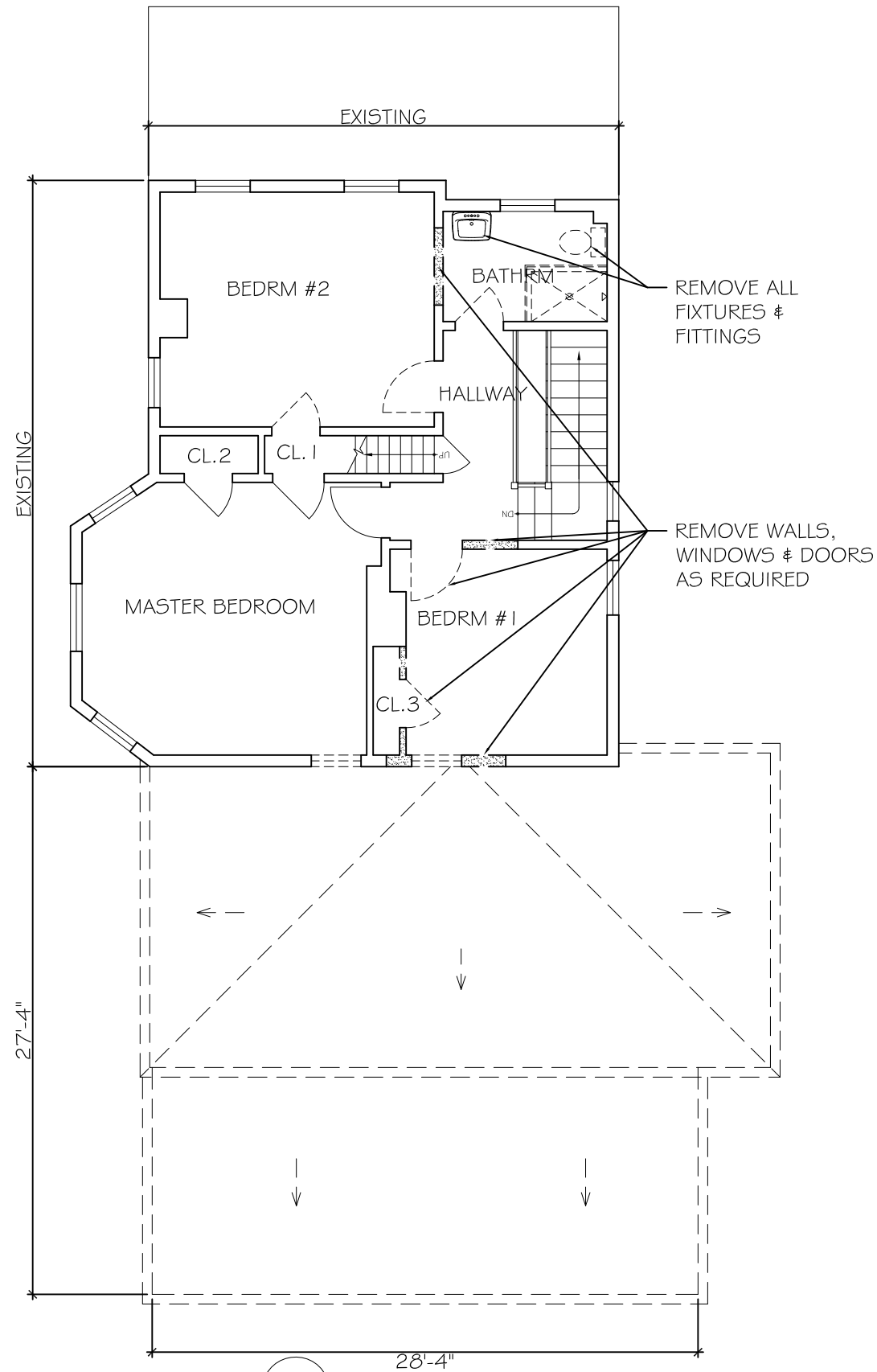
**A**  
2 BASEMENT PLAN - DEMO  
1/8" = 1'-0"



**B**  
2 BASEMENT PLAN - PROPOSED  
1/8" = 1'-0"

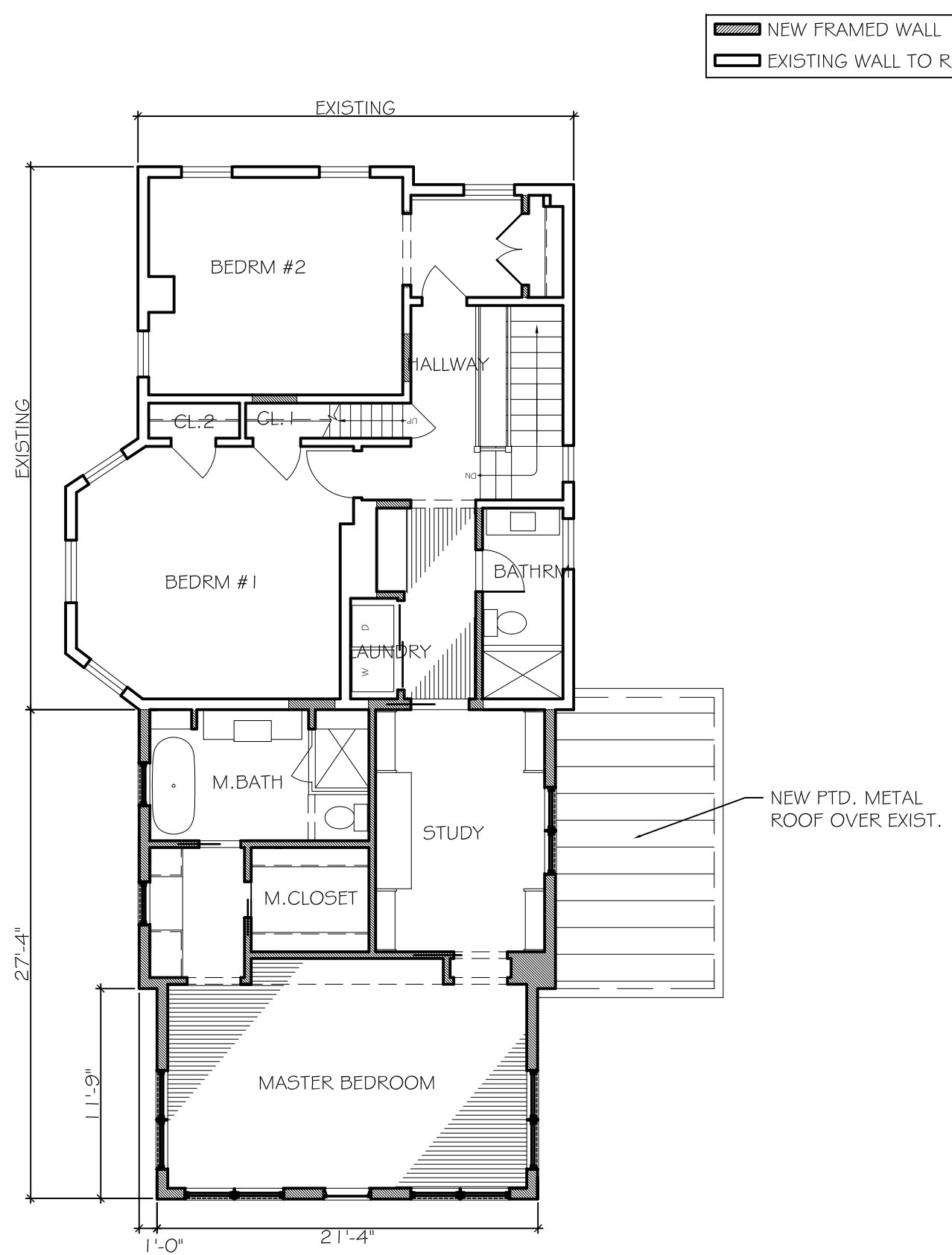






**A**  
4 SECOND FLOOR PLAN - DEMO

1/8" = 1'-0"



**B**  
4 SECOND FLOOR PLAN - PROPOSED

1/8" = 1'-0"



A  
5 NORTH ELEVATION EXISTING  
1/8" = 1'-0"

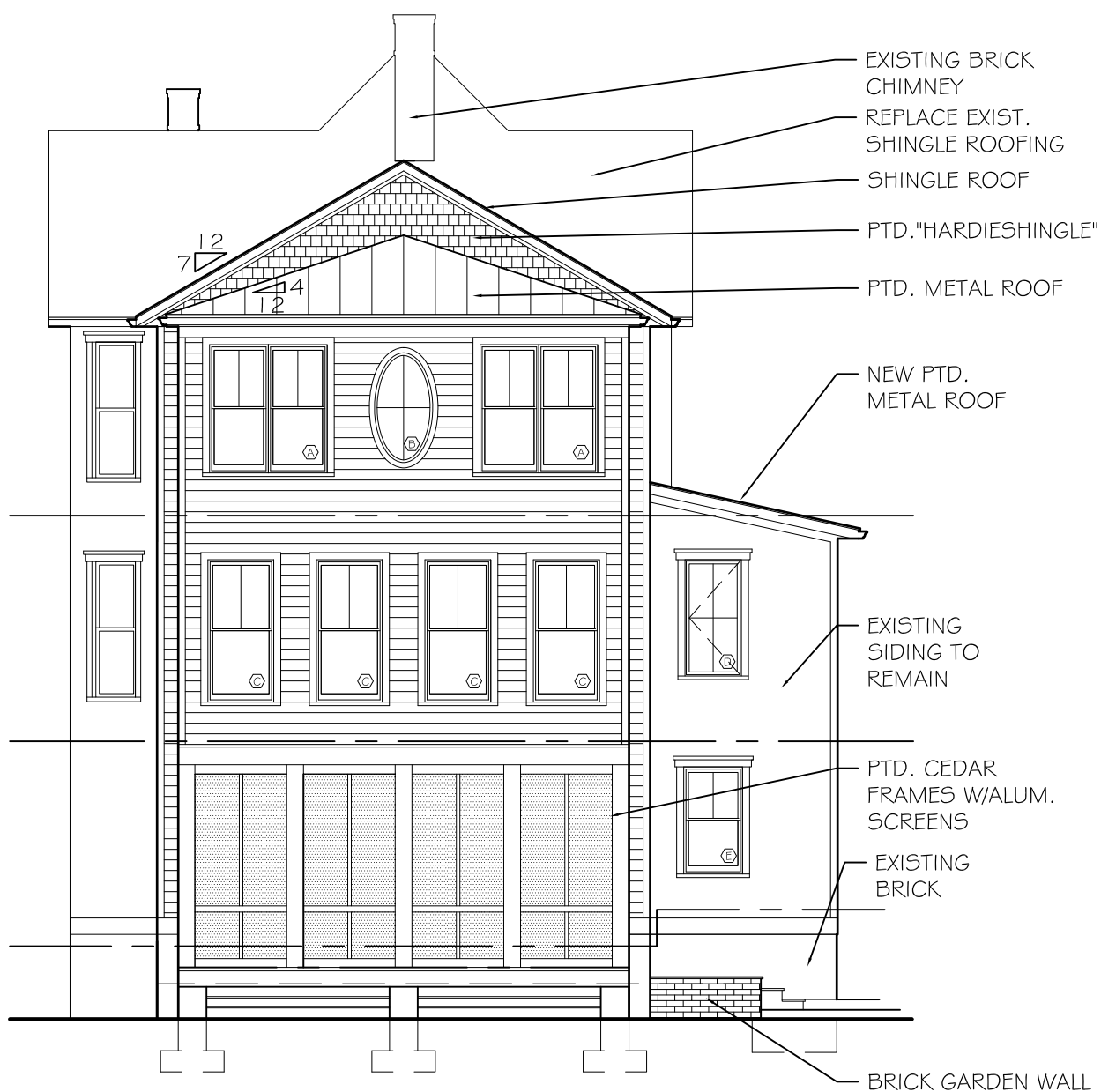


B  
5 NORTH ELEVATION - PROPOSED  
1/8" = 1'-0"





A REAR ELEVATION EXISTING  
6 1/8" = 1'-0"



B REAR ELEVATION - PROPOSED  
6 1/8" = 1'-0"



A  
7

# SOUTH ELEVATION EXISTING

1/8" = 1'-0"



B  
7

# SOUTH ELEVATION - PROPOSED

1/8" = 1'-0"

OF  
7

**RASKIN**  
7209 HOLLY AVENUE  
TAKOMA PARK, MD 20912

**HAWP**  
ELEVATIONS  
1/8" = 1'-0"  
07.22.2019



**TREACY & EAGLEBURGER**  
ARCHITECTS

3335 CONNECTICUT AVENUE, NW, WASHINGTON, DC 20008  
202-362-5226 ■ FAX: 202-362-7791



A NORTH-WEST ELEVATION- EXISTING  
8 1/8" = 1'-0"



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



EXISTING NORTH SIDE



PROPOSED NORTH SIDE





EXISTING REAR SIDE



PROPOSED REAR SIDE



EXISTING SOUTH SIDE



PROPOSED SOUTH SIDE





FRONT- NORTHWEST



SIDE- NORTH EAST



REAR - SOUTH EAST



SIDE - SOUTH WEST



FRONT/SIDE- NORTH WEST





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"

Mas. Opg. Primed	Mas. Opg. Clad	Rough Opg.	Frame	Glass	24	24	24
2-8 3/4	5-2 1/8	7-7 1/2					
2-6 1/8	4-11 1/2	7-4 7/8					
2-6 1/8	4-11 1/2	7-4 7/8					
2-5 3/8	4-10 3/4	7-4 1/8					
24	24	24					
3-2 13/16	3-1 1/4	3-1 1/4	3-0 3/4	14-14	2414	2414-2	2414-3
3-6 13/16	3-5 1/4	3-5 1/4	3-4 3/4	16-16	2416	2416-2	2416-3
4-2 13/16	4-1 1/4	4-1 1/4	4-0 3/4	20-20	2420	2420-2	2420-3
4-6 13/16	4-5 1/4	4-5 1/4	4-4 3/4	22-22	2422	2422-2	2422-3
4-10 13/16	4-9 1/4	4-9 1/4	4-8 3/4	24-24	2424	2424-2	2424-3
5-2 13/16	5-1 1/4	5-1 1/4	5-0 3/4	26-26	2426	2426-2	2426-3
5-6 13/16	5-5 1/4	5-5 1/4	5-4 3/4	28-28	2428	2428-2	2428-3
5-10 13/16	5-9 1/4	5-9 1/4	5-8 3/4	30-30	2430	2430-2	2430-3
6-2 13/16	6-1 1/4	6-1 1/4	6-0 3/4	32-32	2432	2432-2	2432-3
6-6 13/16	6-5 1/4	6-5 1/4	6-4 3/4	34-34	2434	2434-2	2434-3
6-10 13/16	6-9 1/4	6-9 1/4	6-8 3/4	36-36	2436	2436-2	2436-3

### 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 BRICKMOLD.  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.



# Pinnacle Series

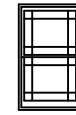
## DOUBLE HUNG - 26" WIDE

### ELEVATIONS

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

	Mas. Opg. Primed	Mas. Opg. Clad	Rough Opg.	Frame	Glass			
						2-10 3/4	5-6 1/8	8-1 1/2
						2-8 1/8	5-3 1/2	7-10 7/8
						2-8 1/8	5-3 1/2	7-10 7/8
						2-7 3/8	5-2 3/4	7-10 1/8
						26	26	26
3-2 13/16	3-1 1/4	3-1 1/4	3-0 3/4	14-14				
						2614	2614-2	2614-3
3-6 13/16	3-5 1/4	3-5 1/4	3-4 3/4	16-16				
						2616	2616-2	2616-3
4-2 13/16	4-1 1/4	4-1 1/4	4-0 3/4	20-20				
						2620	2620-2	2620-3
4-6 13/16	4-5 1/4	4-5 1/4	4-4 3/4	22-22				
						2622	2622-2	2622-3
4-10 13/16	4-9 1/4	4-9 1/4	4-8 3/4	24-24				
						2624	2624-2	2624-3
5-2 13/16	5-1 1/4	5-1 1/4	5-0 3/4	26-26				
						2626	2626-2	2626-3
5-6 13/16	5-5 1/4	5-5 1/4	5-4 3/4	28-28				
						2628	2628-2	2628-3
5-10 13/16	5-9 1/4	5-9 1/4	5-8 3/4	30-30				
						2630	2630-2	2630-3
6-2 13/16	6-1 1/4	6-1 1/4	6-0 3/4	32-32				
						2632	2632-2	2632-3
6-6 13/16	6-5 1/4	6-5 1/4	6-4 3/4	34-34				
						2634	2634-2	2634-3
6-10 13/16	6-9 1/4	6-9 1/4	6-8 3/4	36-36				
						2636	2636-2	2636-3

### 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 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:






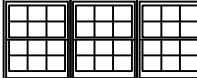


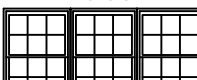

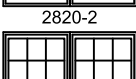









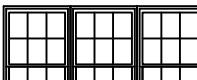




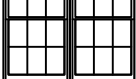
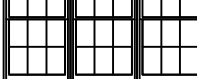


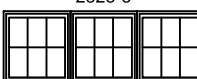



CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING.  
PRIMED MASONRY OPENINGS ARE FOR STANDARD 180 BRICKMOLD.  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

# Pinnacle Series

## DOUBLE HUNG - 28" WIDE

### ELEVATIONS

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

Mas. Opq. Primed Mas. Opq. Clad Rough Opq. Frame Glass	3-0 3/4 2-10 1/8 2-10 1/8 2-9 3/8 28 14-14	5-10 1/8 5-7 1/2 5-7 1/2 5-6 3/4 28	8-7 1/2 8-4 7/8 8-4 7/8 8-4 1/8 28
3-2 13/16 3-1 1/4 3-1 1/4 3-0 3/4 14-14	 2814	 2814-2	 2814-3
3-6 13/16 3-5 1/4 3-5 1/4 3-4 3/4 16-16	 2816	 2816-2	 2816-3
4-2 13/16 4-1 1/4 4-1 1/4 4-0 3/4 20-20	 2820	 2820-2	 2820-3
4-6 13/16 4-5 1/4 4-5 1/4 4-4 3/4 22-22	 2822	 2822-2	 2822-3
4-10 13/16 4-9 1/4 4-9 1/4 4-8 3/4 24-24	 2824	 2824-2	 2824-3
5-2 13/16 5-1 1/4 5-1 1/4 5-0 3/4 26-26	 2826	 2826-2	 2826-3
5-6 13/16 5-5 1/4 5-5 1/4 5-4 3/4 28-28	 2828	 2828-2	 2828-3
5-10 13/16 5-9 1/4 5-9 1/4 5-8 3/4 30-30	 2830	 2830-2	 2830-3
6-2 13/16 6-1 1/4 6-1 1/4 6-0 3/4 32-32	 2832	 2832-2	 2832-3
6-6 13/16 6-5 1/4 6-5 1/4 6-4 3/4 34-34	 2834	 2834-2	 2834-3
6-10 13/16 6-9 1/4 6-9 1/4 6-8 3/4 36-36	 2836	 2836-2	 2836-3

### 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 BRICKMOLD.  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.



# Pinnacle Series

## DOUBLE HUNG - 32" WIDE

### ELEVATIONS

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

Mas. Opg. Primed Mas. Opg. Clad Rough Opg. Frame Glass	3-4 3/4	6-6 1/8	9-7 1/2
3-2 1/8	3-2 1/8	6-3 1/2	9-4 7/8
3-1 3/8	6-2 3/4	9-4 7/8	9-4 1/8
32	32	32	
3-2 13/16			
3-1 1/4	3214	3214-2	3214-3
3-1 1/4			
3-0 3/4	3216	3216-2	3216-3
14-14			
16-16	3220	3220-2	3220-3
4-2 13/16			
4-1 1/4	3222	3222-2	3222-3
4-1 1/4			
4-0 3/4	3224	3224-2	3224-3
20-20			
22-22	3226	3226-2	3226-3
4-6 13/16			
4-5 1/4	3228	3228-2	3228-3
4-5 1/4			
4-4 3/4	3230	3230-2	3230-3
24-24			
26-26	3232	3232-2	3232-3
5-2 13/16			
5-1 1/4	3234	3234-2	3234-3
5-1 1/4			
5-0 3/4	3236	3236-2	3236-3
28-28			
30-30	3238	3238-2	3238-3
5-6 13/16			
5-5 1/4	3240	3240-2	3240-3
5-5 1/4			
5-4 3/4	3242	3242-2	3242-3
28-28			
30-30	3244	3244-2	3244-3
5-10 13/16			
5-9 1/4	3246	3246-2	3246-3
5-9 1/4			
5-8 3/4	3248	3248-2	3248-3
32-32			
34-34	3250	3250-2	3250-3
6-2 13/16			
6-1 1/4	3252	3252-2	3252-3
6-1 1/4			
6-0 3/4	3254	3254-2	3254-3
36-36			
36-36	3256	3256-2	3256-3

### 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 BRICKMOLD.  
SHADED SIZES MEET MOST EGRESS REQUIREMENTS VERIFY LOCAL CODES.

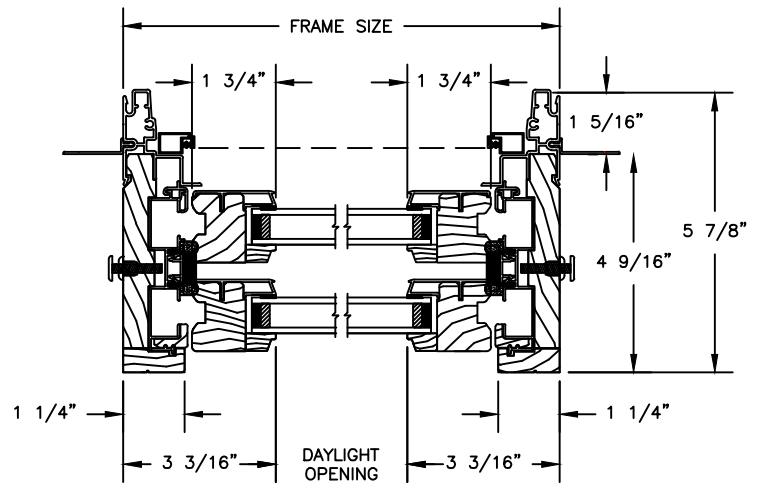
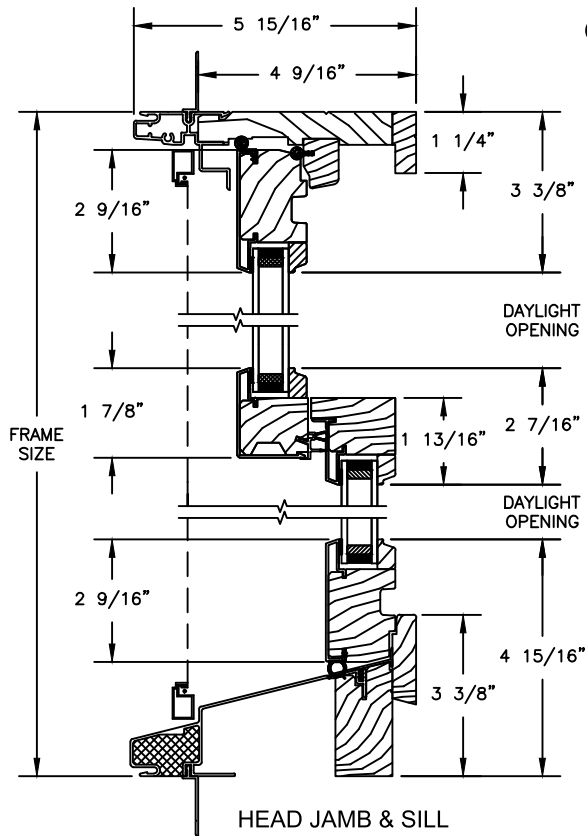
# Pinnacle Series

## CLAD DOUBLE HUNG - Concealed Jambliner Option

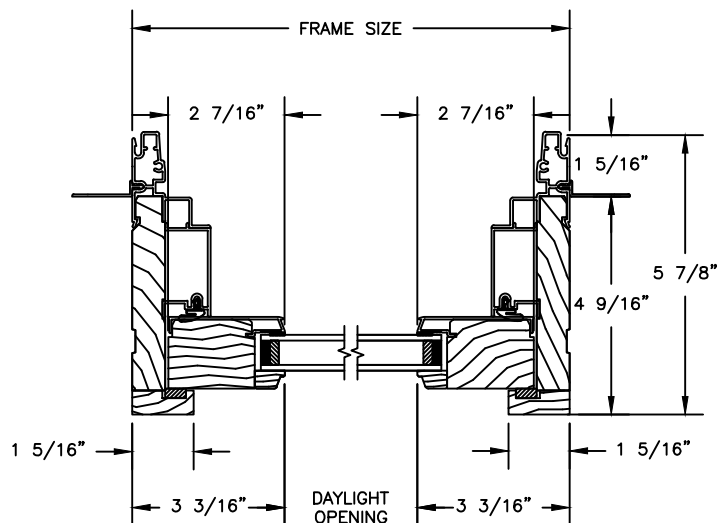
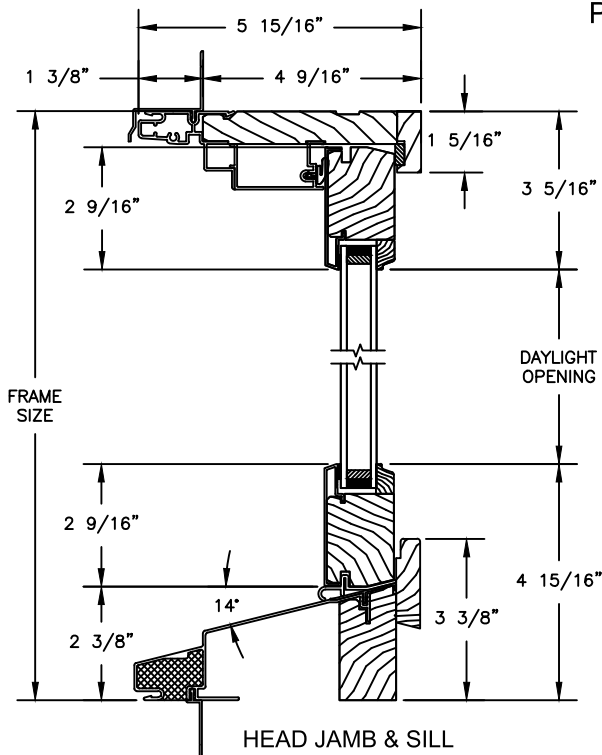
SECTION DETAILS : OPERATING / PICTURE

SCALE: 3" = 1'-0"

OPERATING



PICTURE




# Pinnacle Series

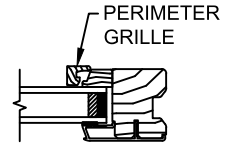
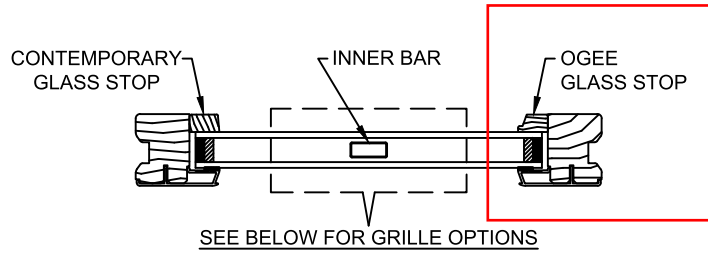
## CLAD DOUBLE HUNG - Concealed Jambliner Option

SECTION DETAILS : DIVIDED LITE OPTIONS

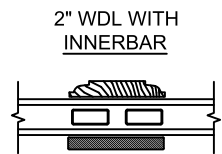
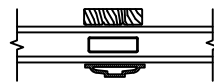
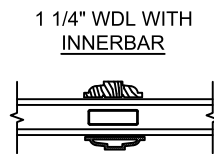
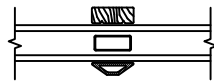
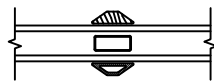
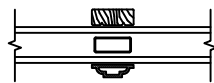
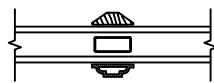
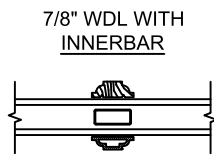
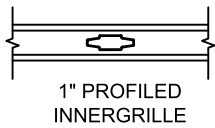
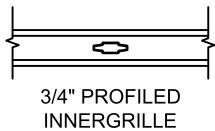
SCALE: 3" = 1'-0"

### AVAILABLE STYLES

-  - PUTTY
-  - OGEE
-  - CONTEMPORARY



DETAIL: A



### 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

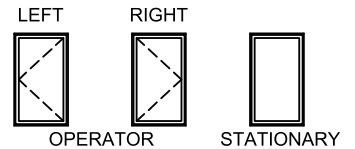
## CASEMENT - 24" WIDE

ELEVATIONS : OPERATING / STATIONARY / PICTURE

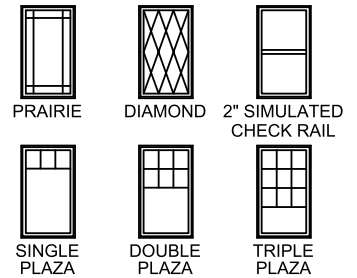
SCALE: 1/8" = 1'-0"

	Mas. Opg. Primed Mas. Opg. Clad Rough Opg. Clad Frame Glass	2-7 9/16 2-4 3/4 2-4 3/4 2-4 3/4 2-4 24	4-11 9/16 4-8 3/4 4-8 3/4 4-8 3/4 4-8 24	7-3 9/16 7-0 3/4 7-0 3/4 7-0 3/4 7-0 24	9-7 9/16 9-4 3/4 9-4 3/4 9-4 3/4 9-4 24
2-2 15/16 2-0 1/2 2-1 1/4 2-0 1/2 2-0 20					
2-8 15/16 2-6 1/2 2-7 1/4 2-6 1/2 2-6 26					
3-2 15/16 3-0 1/2 3-1 1/4 3-0 1/2 3-0 32					
3-8 15/16 3-6 1/2 3-7 1/4 3-6 1/2 3-6 38					
4-2 15/16 4-0 1/2 4-1 1/4 4-0 1/2 4-0 44					
4-8 15/16 4-6 1/2 4-7 1/4 4-6 1/2 4-6 50					
5-2 15/16 5-0 1/2 5-1 1/4 5-0 1/2 5-0 56					
5-8 15/16 5-6 1/2 5-7 1/4 5-6 1/2 5-6 62					

### OPERATION



### 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 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
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

### NOTE:

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

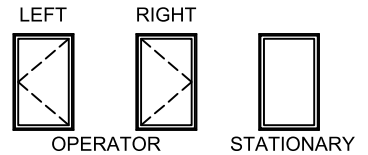
# Pinnacle Series

## CASEMENT - 26" WIDE

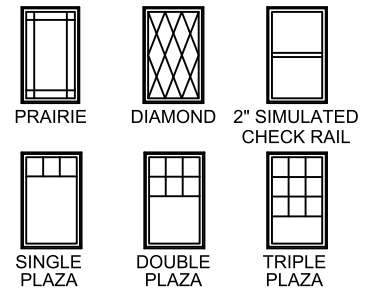
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"

	2-9 9/16	5-3 9/16	7-9 9/16	10-3 9/16
Mas. Opg. Primed	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
Mas. Opg. Clad	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
Rough Opg. Primed	2-6 3/4	5-0 3/4	7-6 3/4	10-0 3/4
Rough Opg. Clad	2-6	5-0	7-6	10-0
Frame	26	26	26	26
Glass				
2-2 15/16				
2-0 1/2	2620	2620-2	2620-3	2620-4
2-1 1/4				
2-0 1/2				
2-0				
20				
2-8 15/16				
2-6 1/2	2626	2626-2	2626-3	2626-4
2-7 1/4				
2-6 1/2				
2-6				
26				
3-2 15/16				
3-0 1/2	2632	2632-2	2632-3	2632-4
3-1 1/4				
3-0 1/2				
3-0				
32				
3-8 15/16				
3-6 1/2	2638*	2638-2	2638-3	2638-4
3-7 1/4				
3-6 1/2				
3-6				
38				
4-2 15/16				
4-0 1/2	2644	2644-2	2644-3	2644-4
4-1 1/4				
4-0 1/2				
4-0				
44				
4-8 15/16				
4-6 1/2	2650	2650-2	2650-3	2650-4
4-7 1/4				
4-6 1/2				
4-6				
50				
5-2 15/16				
5-0 1/2	2656	2656-2	2656-3	2656-4
5-1 1/4				
5-0 1/2				
5-0				
56				
5-8 15/16				
5-6 1/2	2662	2662-2	2662-3	2662-4
5-7 1/4				
5-6 1/2				
5-6				
62				

### OPERATION



### 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 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
- SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

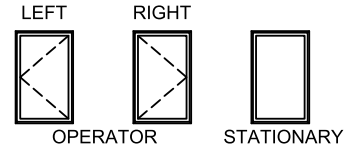
### NOTE:

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

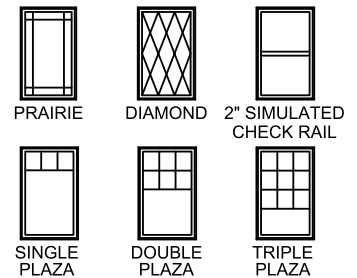
ELEVATIONS : OPERATING / STATIONARY / PICTURE  
SCALE: 1/8" = 1'-0"

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

## OPERATION



## 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 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  
 SHADED SIZES MEET MOST EGRESS REQUIREMENTS. VERIFY LOCAL CODES

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



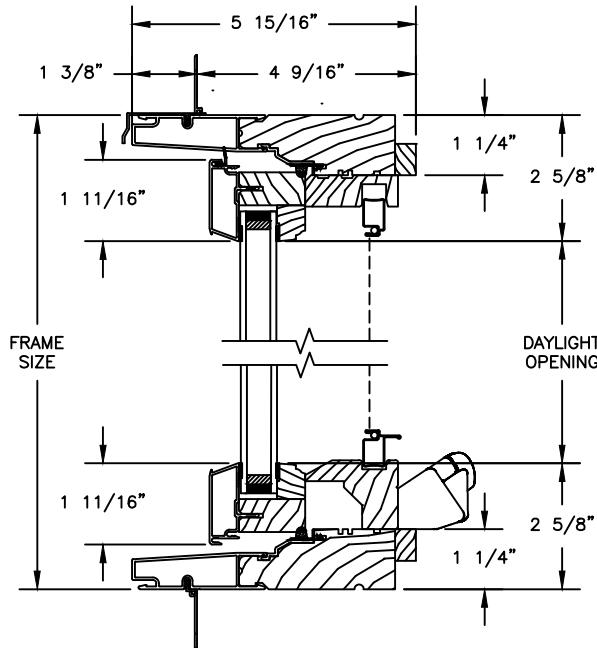
# Pinnacle Series

## CLAD CASEMENT

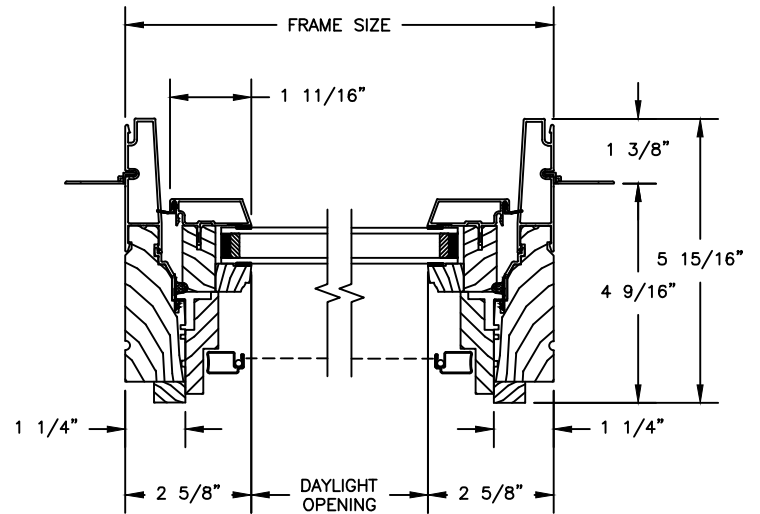
SECTION DETAILS : OPERATING / STATIONARY

SCALE: 3" = 1'-0"

### OPERATING

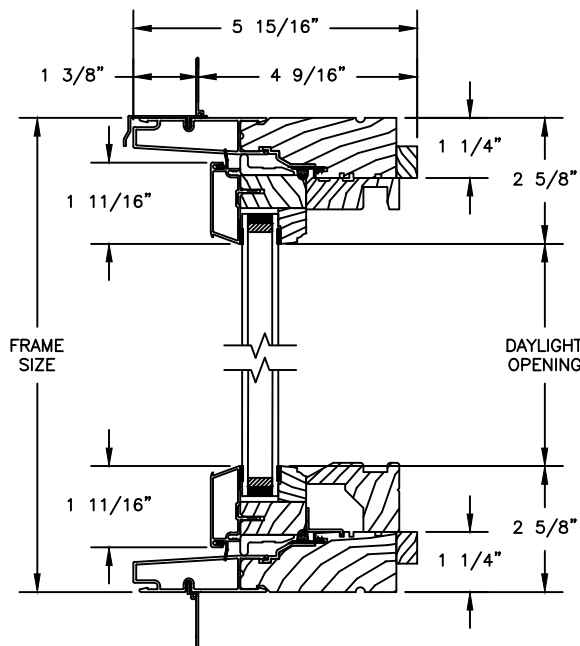


HEAD JAMB & SILL

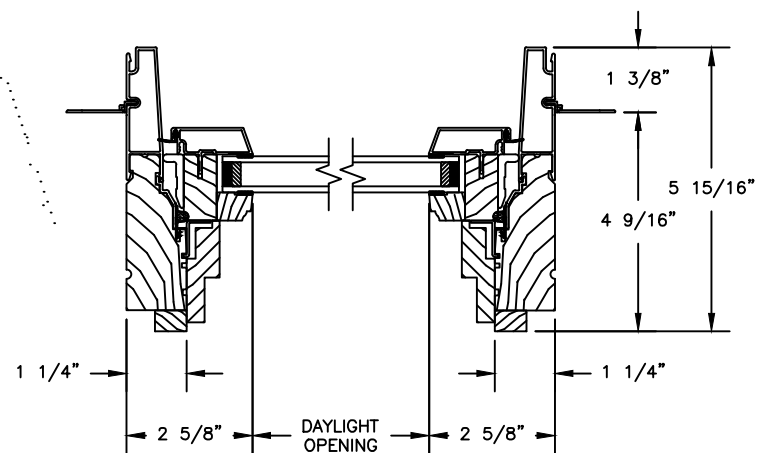


JAMBS

### STATIONARY



HEAD JAMB & SILL



JAMBS

# Pinnacle Series

## CLAD CASEMENT


SECTION DETAILS : GLASS STOP & DIVIDED LITE OPTIONS

SCALE: 3" = 1'-0"

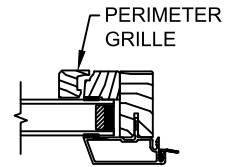
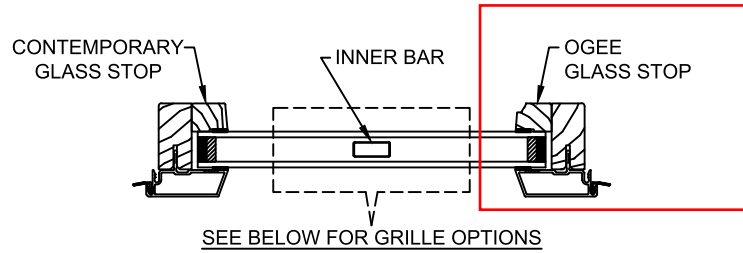
### AVAILABLE STYLES

 - PUTTY

 - TALL PUTTY

 - OGEE

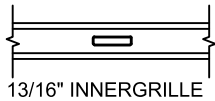
 - CONTEMPORARY



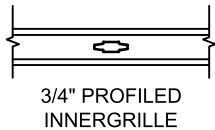
DETAIL: A



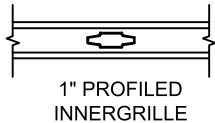
STANDARD  
INSULATING GLASS



13/16" INNERGRILLE



3/4" PROFILED  
INNERGRILLE



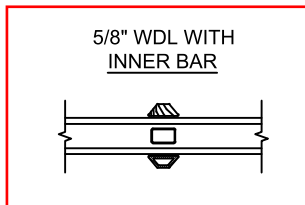
1" PROFILED  
INNERGRILLE



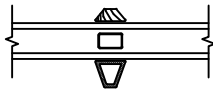
7/8" STICK &  
PERIMETER GRILLE



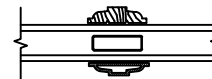
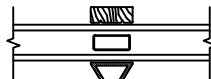
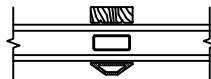
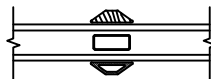
1 1/4" STICK &  
PERIMETER GRILLE



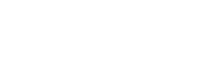
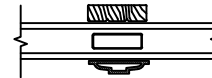
5/8" WDL WITH  
INNER BAR



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)



**WINDSOR**  
WINDOWS & DOORS  
A Woodgrain Millwork Company



# PATIO DOORS


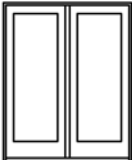
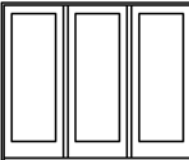

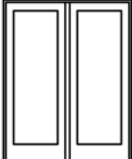


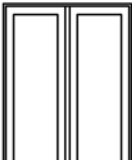
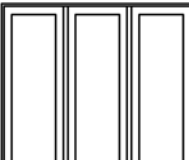
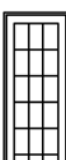
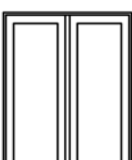

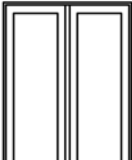
WOOD CLAD AND VINYL OPTIONS FROM WINDSOR WINDOWS & DOORS

# Pinnacle Series

## CLAD PATIO DOOR - FRENCH OUTSWING

### ELEVATIONS

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

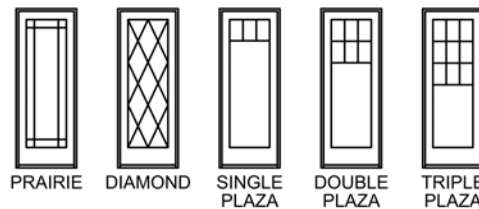
Mas. Opg. Clad Rough Opg. Frame * Glass	2-9 2-9 2-8 1/4 22	5-4 13/16 5-4 13/16 5-4 1/16 22	8-0 5/8 8-0 5/8 7-11 7/8 22
6-7 1/2 6-7 1/2 6-7 63 7/8	 2868	 5468	 8068
6-10 3/8 6-10 3/8 6-9 7/8 66 3/4	 28610	 54610	 80610
7-11 3/8 7-11 3/8 7-10 7/8 79 3/4	 2880	 5480	 8080
8-11 3/8 8-11 3/8 8-10 7/8 91 3/4	 2890	 5490	
9-11 3/8 9-11 3/8 9-10 7/8 103 3/4	 28100	 54100	

NOTE:  
THE ACTIVE PANEL (X) CAN BE PLACED IN ANY POSITION AND HINGED IN EITHER DIRECTION, LEFT (XL), OR RIGHT (XR). 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 3/8" TO GLASS HEIGHT  
FOR 10" SUBTRACT 2" FROM GLASS HEIGHT

### OTHER GRILLE PATTERNS



### UNIT SIZE INFORMATION

#### FOR CLAD BRICKMOULD

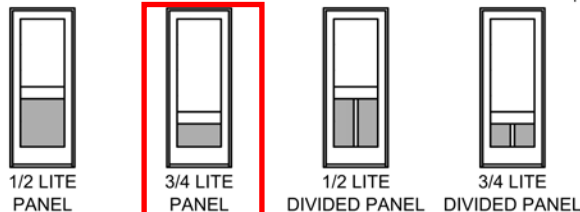
- ADD 2 13/16" TO FRAME WIDTH
- ADD 1 13/32" TO FRAME HEIGHT

#### 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

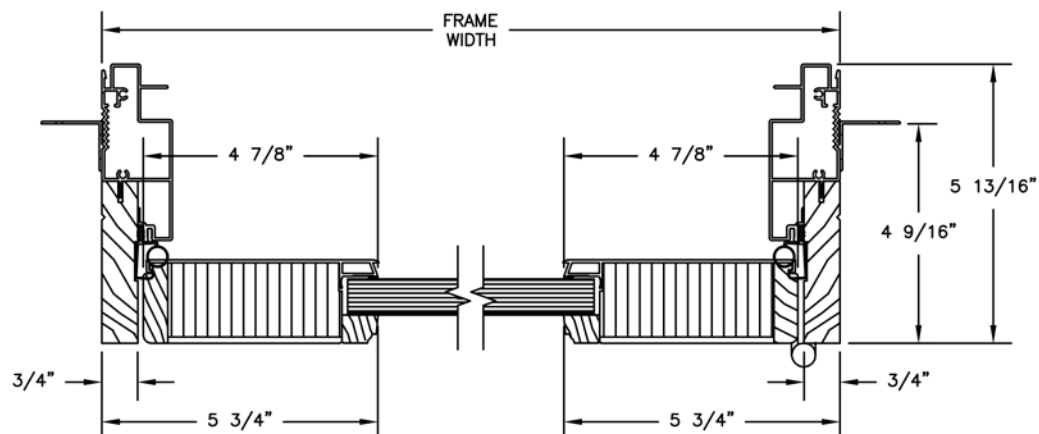
### OTHER PANEL OPTIONS



NOTES:  
CLAD MASONRY OPENINGS ARE FOR STANDARD FRAME WITH NO CASING  
ALL UNITS LISTED ARE BUILT AS ONE FRAME



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



# Pinnacle Series

## CLAD FRENCH PATIO DOOR

SECTION DETAILS : GLASS STOP & DIVIDED LITE OPTIONS

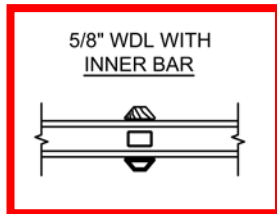
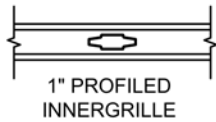
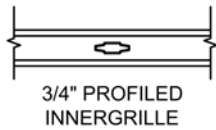
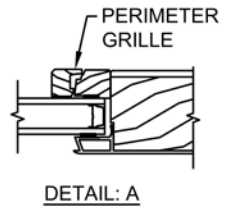
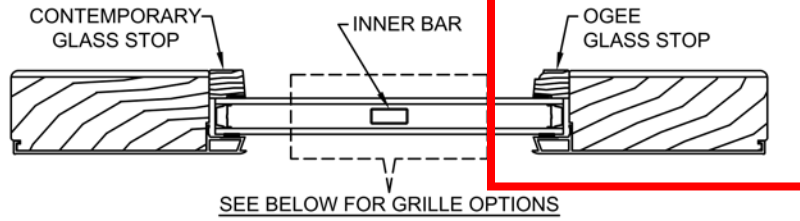
SCALE: 3" = 1'-0"

### AVAILABLE STYLES

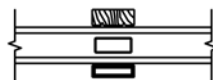
 - PUTTY

 - OGEE

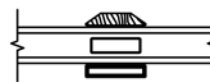
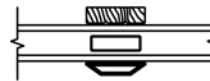
 - CONTEMPORARY



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 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



Pinnacle Casement, Direct Set and Picture Windows, and In-Swing Patio Door. Cleveland, Ohio.

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.<sup>1</sup>

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



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

Custom color matching is also available.

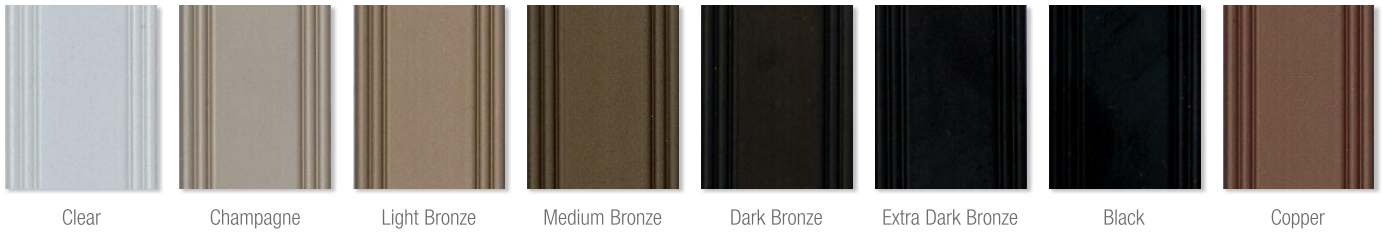


<sup>1</sup>2604 finish backed by a 20-year\* warranty; 2605 finish backed by a 30-year\* warranty; applications within one mile of the coast carry a 10-year warranty. For specific warranty details, please refer to the complete warranty document posted on our website, [www.windsorwindows.com](http://www.windsorwindows.com).

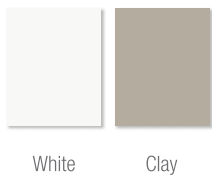
**NOTE:** Printing limitations prevent exact color/finish representation. See your Windsor distributor for actual samples.



## Anodized Finishes *(For Pinnacle and Legend HBR)*

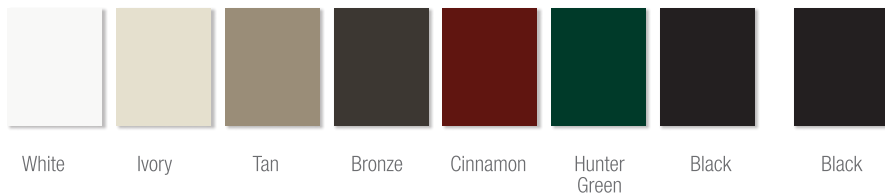


## Standard Vinyl Colors *(For Next Dimension)*



## Painted Vinyl Exterior Colors *(For Next Dimension)*

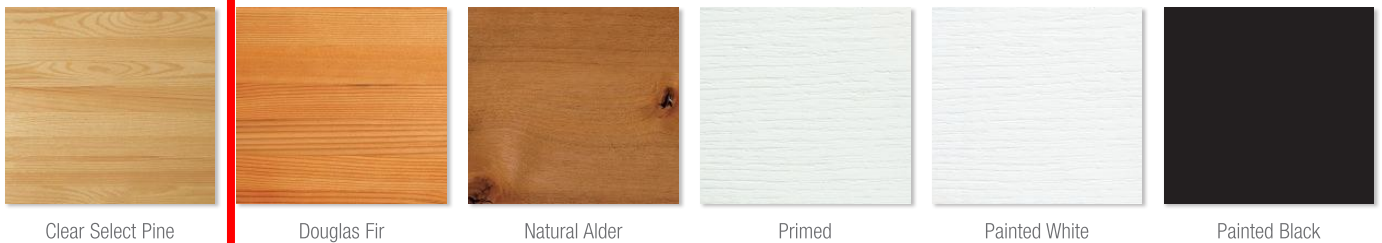
White vinyl interior is available with white, ivory, tan, bronze, cinnamon, hunter green or black exterior. Clay vinyl interior is available with bronze or black exterior.



## Painted Vinyl Interior Colors *(For Next Dimension)*

## 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.



## Glass

\*Special order item



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



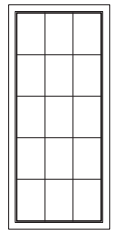
5/8", 7/8" & 1-1/4"  
Short and Tall Putty  
Windsor Divided Lite



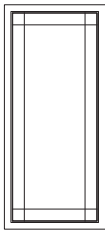
5/8", 7/8" & 1-1/4"  
Contemporary Windsor  
Divided Lite

## Grille Patterns

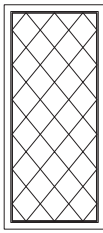
Some grille patterns are not available in all configurations and products.



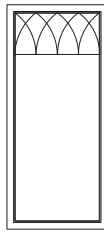
Colonial



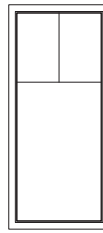
Prairie



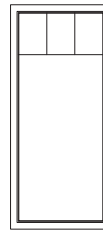
Diamond



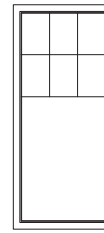
Gothic



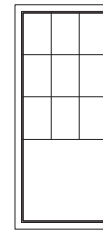
Custom  
Plaza



Single  
Plaza



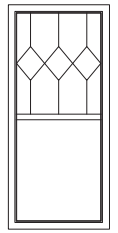
Double  
Plaza



Triple  
Plaza



Specified  
Equal Lite  
(2x2 shown)



Custom  
Pattern  
(Example)

## 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"



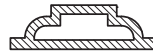
2"

### Interior Grilles – Midrail

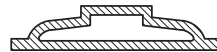


3-3/8"

### Exterior Grilles – Ogee



7/8"



1-1/4"

### Exterior Grilles – Putty



5/8" (Short)



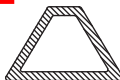
7/8" (Short)



1-1/4" (Short)



5/8" (Tall)



7/8" (Tall)



1-1/4" (Tall)



2" (Tall)

### Exterior Grilles – Contemporary



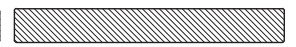
5/8" (Short)



7/8" (Short)



1-1/4" (Short)



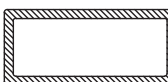
2"



5/8" (Tall)



7/8" (Tall)



1-1/4" (Tall)



2" (Tall)

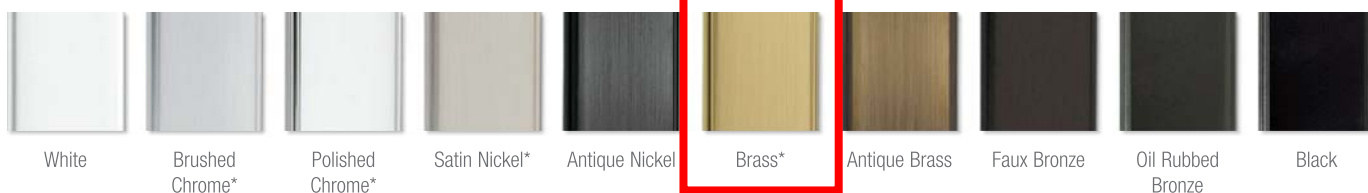
### Exterior Grilles – Midrail



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.



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

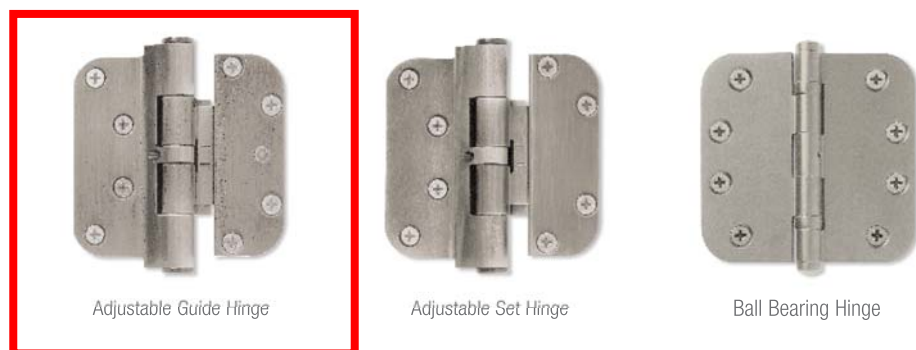
1/Bi-fold doors are available with a classic or contemporary swinging handle in satin nickel, brass and oil rubbed bronze; 2/Euro swinging handle is only available in satin nickel and black; 3/Flush mount handle is only available in satin nickel, faux bronze, oil rubbed bronze and black.

## 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)







# TruExterior®

Siding & Trim



# 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



Pictured: Cove/Dutch Lap

\*Please see TruExterior® Siding & Trim Limited Warranties and Product Data Sheets for proprietary test results, located at TruExterior.com. Always follow local building codes and construction best practices. See the complete Installation Guidelines for TruExterior® Siding & Trim at TruExterior.com.





Pictured: Cove/Dutch Lap



### V-RUSTIC

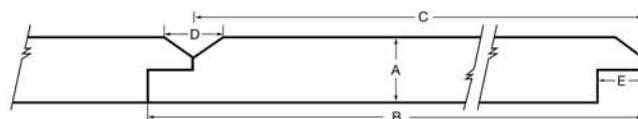
The V-Rustic profile features a deep "V" groove that creates an appealing shadow line effect.

Available Finish:



smooth

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Channel (D)	Tongue (E)
1 x 6	0.6875"	5.50"	5.0"	0.625"	0.50"
1 x 8	0.6875"	7.50"	7.0"	0.625"	0.50"
1 x 10	0.6875"	9.50"	9.0"	0.625"	0.50"



### COVE/DUTCH LAP

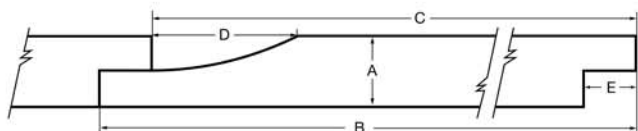
The Cove/Dutch Lap profile features a subtle curve that creates a unique, eased appearance.

Available Finish:



smooth

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Channel (D)	Tongue (E)
1 x 6	0.6875"	5.50"	4.969"	1.469"	0.531"
1 x 8	0.6875"	7.25"	6.719"	1.469"	0.531"
1 x 10	0.6875"	9.25"	8.719"	1.469"	0.531"



### CHANNEL

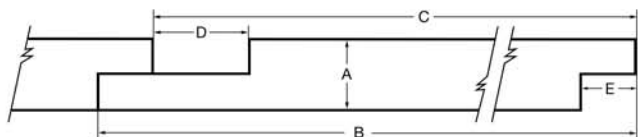
The Channel profile's wide groove creates a rich shadow line effect.

Available Finish:



smooth

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Channel (D)	Tongue (E)
1 x 6	0.6875"	5.50"	4.969"	0.969"	0.531"
1 x 8	0.6875"	7.25"	6.719"	0.969"	0.531"
1 x 10	0.6875"	9.25"	8.719"	0.969"	0.531"





# 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.





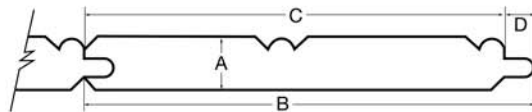
### SINGLE BEADBOARD

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

Available Finish:



Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Tongue (D)
5/8 x 4	0.625"	3.50"	3.16"	0.34"
5/8 x 6	0.625"	5.25"	4.91"	0.34"



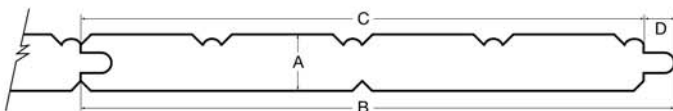
### DOUBLE BEADBOARD

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

Available Finish:



Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Tongue (D)
5/8 x 8	0.625"	6.6825"	6.3425"	0.34"
5/8 x 12	0.625"	10.25"	9.91"	0.34"



\*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.





1X Trim Sizes		5/4 Trim Sizes		2X Trim Sizes	
Nominal	Actual	Nominal	Actual	Nominal	Actual
—	—	—	—	2 x 2	1-1/2" x 1-1/2"
1 x 3	3/4" x 2-1/2"	5/4 x 3	1" x 2-1/2"	—	—
1 x 4	3/4" x 3-1/2"	5/4 x 4	1" x 3-1/2"	2 x 4	1-1/2" x 3-1/2"
1 x 5	3/4" x 4-1/2"	5/4 x 5	1" x 4-1/2"	—	—
1 x 6	3/4" x 5-1/2"	5/4 x 6	1" x 5-1/2"	2 x 6	1-1/2" x 5-1/2"
1 x 8	3/4" x 7-1/4"	5/4 x 8	1" x 7-1/4"	2 x 8	1-1/2" x 7-1/4"
1 x 10	3/4" x 9-1/4"	5/4 x 10	1" x 9-1/4"	2 x 10	1-1/2" x 9-1/4"
1 x 12	3/4" x 11-1/4"	5/4 x 12	1" x 11-1/4"	2 x 12	1-1/2" x 11-1/4"

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)

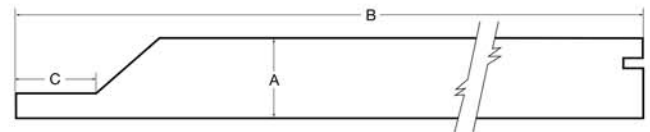


smooth



woodgrain

Nominal Size	Actual Thickness (A)	Actual Width (B)	Tongue (C)
1 x 6	0.75"	5.50"	1.0"
1 x 8	0.75"	7.25"	1.0"
5/4 x 6	1.0"	5.50"	1.0"
5/4 x 8	1.0"	7.25"	1.0"



## 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)

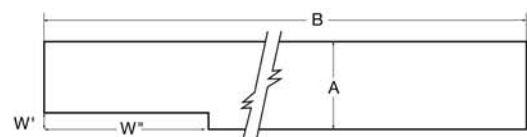


smooth



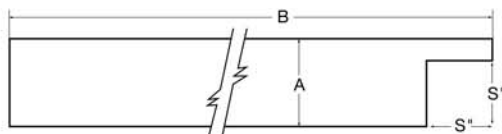
woodgrain

Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')
5/4 x 4	1.0"	3.50"	0.187" x 1.88"
5/4 x 6	1.0"	5.50"	0.187" x 1.88"
5/4 x 8	1.0"	7.25"	0.187" x 1.88"





Nominal Size	Actual Thickness (A)	Actual Width (B)	Siding Pocket (S' x S'')
5/4 x 3	1.0"	2.50"	0.75" x 0.75"
5/4 x 4	1.0"	3.50"	0.75" x 0.75"
5/4 x 5	1.0"	4.50"	0.75" x 0.75"
5/4 x 6	1.0"	5.50"	0.75" x 0.75"
5/4 x 8	1.0"	7.25"	0.75" x 0.75"



### SIDING POCKET RABBETED TRIM

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

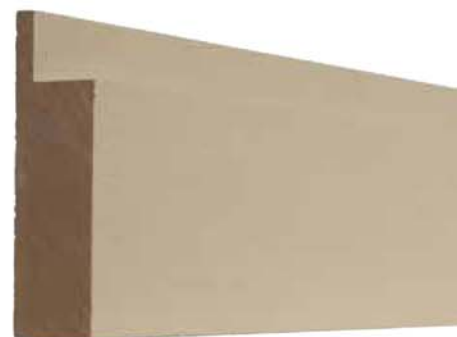
**Available Finishes:**  
(not reversible)



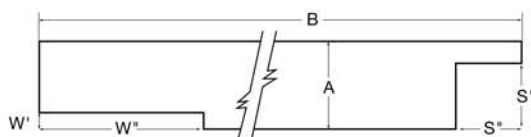
smooth



woodgrain



Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')	Siding Pocket (S' x S'')
5/4 x 4	1.0"	3.50"	0.187" x 1.88"	0.75" x 0.75"
5/4 x 6	1.0"	5.50"	0.187" x 1.88"	0.75" x 0.75"
5/4 x 8	1.0"	7.25"	0.187" x 1.88"	0.75" x 0.75"



### WINDOW AND SIDING POCKET RABBETED TRIM

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

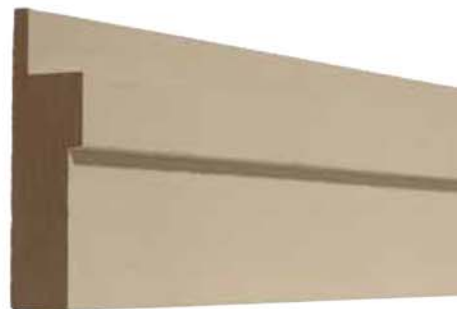
**Available Finishes:**  
(not reversible)



smooth



woodgrain





**Hardie**Shingle®

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.

HardieTrim®  
4/4 x 7.25 in.  
Arctic White

HardieShingle®  
7 in. Straight  
Edge Panel  
Light Mist

Achieve the handcrafted  
**LOOK OF CEDAR.**





### STAGGERED EDGE PANEL

*Sandstone Beige*

Thickness	1/4 in.
Length	48 in.
Height	15.25 in.
Exposure	6 in.
Pcs./Pallet	100
Sq./Pallet	2
Pcs./Sq.	50



### STRAIGHT EDGE PANEL\*

*Iron Gray*

Thickness	1/4 in.	1/4 in.
Length	48 in.	48 in.
Height	14 in.	15.25 in.
Exposure	5 in.	7 in.
Pcs./Pallet	120	86
Sq./Pallet	2	2
Pcs./Sq.	60	43



### HALF ROUNDS

*Not available with ColorPlus Technology*

Thickness	1/4 in.
Length	48 in.
Height	15.25 in.
Exposure	7 in.
Pcs./Pallet	86
Sq./Pallet	2
Pcs./Sq.	43



### INDIVIDUAL SHINGLES\*

*Monterey Taupe*

Thickness	1/4 in.
Length	3.5 in. 4.5 in. 5.5 in. 7 in. 8.75 in.
Height	14 in.
Exposure	5 in.
Pcs./Pallet	960
Sq./Pallet	2
Pcs./Sq.	480

### INDIVIDUAL SHINGLES

*Monterey Taupe*

Thickness	1/4 in.
Length	4.2 in. 5.5 in. 6.75 in. 7.25 in. 10 in.
Height	15.25 in.
Exposure	7 in.
Pcs./Pallet	630
Sq./Pallet	2
Pcs./Sq.	315

\*5 in. Straight Edge Panel and 5 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](http://jameshardiepros.com)

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# IPE DECKING

The Gold Standard in Decking

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## 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



IpeDecking.com

**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<sup>®</sup> 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 **STREAKFighter**

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

# LANDMARK® PRO COLOR PALETTE



Max Def Atlantic Blue



Max Def Birchwood



Max Def Burnt Sienna



Max Def Charcoal Black



Max Def Cobblestone Gray



Max Def Colonial Slate



Max Def Driftwood



Max Def Georgetown Gray



Max Def Granite Gray



Max Def Heather Blend



Max Def Moiré Black



Max Def Pewterwood



Max Def Resawn Shake



Max Def Weathered Wood



Max Def Hunter Green



Silver Birch



Max Def Shenandoah

## 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.

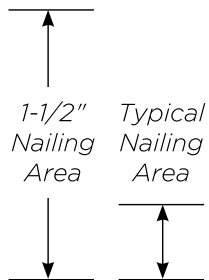


# Wider. Faster. Proven.

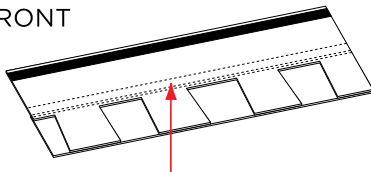
For the past 10 years, NailTrak™ has enabled installers to shingle with improved speed and accuracy. With a nailing area that's three times WIDER than typical laminate shingles, nails hit home with NailTrak. A feature on all Landmark® Series shingles. Speed and accuracy result in lower labor costs.

**No leaks. No de-lamination. No callbacks.**

**The cost of doing business has gone down with NailTrak.**

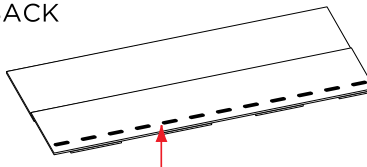


FRONT



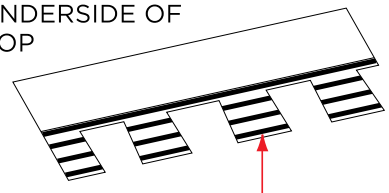
Wide nailing area for increased speed and accuracy.

BACK



Sealant placed low to avoid gumming up nail guns.

UNDERSIDE OF TOP



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

Landmark® Pro  
available in areas shown



**CertainTeed Corporation**

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • GYPSUM • CEILINGS • INSULATION

20 Moores Road Malvern, Pa 19355 Professional: 800-233-8990 Consumer: 800-782-8777 [certainteed.com](http://certainteed.com)

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