## MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION STAFF REPORT

**Address:** 111 Elm Ave., Takoma Park **Meeting Date:** 8/15/18

**Resource:** Contributing Resource **Report Date:** 8/8/18

**Takoma Park Historic District** 

**Review:** HAWP **Public Notice:** 8/1/18

Case Number: 37/03-18FFF Tax Credit: None

**Applicant:** Sarah Boehm & Leonard Newmark **Staff:** Dan Bruechert

**Proposal:** Window and Door alterations, and rear porch alterations

#### **STAFF RECOMMENDATION**

Staff recommends that the HPC approve with three conditions the HAWP application.

- 1. The window on the west elevation, needs to be maintained its historic location.
- 2. The new rear window needs to be wood. A clad window in this location is not appropriate. Submitted permit drawings must reflect compliance with this condition.
- 3. Detailed specification for the skylights must be submitted for review and approval to Staff with the permit drawings with final approval authority delegated to Staff.

#### ARCHITECTURAL DESCRIPTION

SIGNIFICANCE: Contributing Resource to the Takoma Park Historic District

STYLE: Craftsman DATE: c.1910-20

The subject property is a one-and-a-half story tall bungalow, three bays wide, with a side gable roof and a full width front gable porch. The main floor of the house is clad in stucco with shingle siding under the gables. The windows throughout the house are six-over-one sash windows, with some smaller four-over-one windows in the basement level.



#### **BACKGROUND**

At the June 27, 2018 meeting the applicant presented a preliminary consultation with the HPC for this address. The HPC was supportive of the proposed front door, the alterations at the rear, but expressed significant reservations for the proposed alterations to the windows on the west (right) elevation. The Commissioners generally stressed the need to retain the existing windows and retain the paired sash windows in their historic configuration. The applicant has modified their proposal and have returned for a HAWP.

#### **PROPOSAL**

The applicant proposes to replace the front door, make alterations to the rear porch, and to remove a window from the right-side elevation and install new window.

#### 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 Design Guidelines

There are two very general, broad planning and design concepts which apply to all categories. These are:

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

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

Contributing Resources should receive a more lenient review than those structures that have been classified as Outstanding. This design review should emphasize the importance of the resource to the overall streetscape and its compatibility with existing patterns rather than focusing on a close scrutiny of architectural detailing. In general, however, changes to Contributing Resources should respect the predominant architectural style of the resource. As stated above, the design review emphasis will be restricted to changes that are at all visible from the public right-of-way, irrespective of landscaping or vegetation (it is expected that the majority of new additions will be reviewed for their impact on the overall district).

Some of the factors to be considered in reviewing HAWPs on Contributing Resources include:

All exterior alterations, including those to architectural features and details, should be generally consistent with the predominant architectural style and period of the resource and should preserve the predominant architectural features of the resource; exact replication of existing details and features is, however, not required

Major additions should, where feasible, be placed to the rear of existing structures so that they are less visible from the public right-of-way; additions and alterations to the first floor at the front of a structure are discouraged, but not automatically prohibited

Original size and shape of window and door openings should be maintained, where feasible.

Some non-original building materials may be acceptable on a case-by-case basis; artificial siding on areas visible to the public right-of-way is discouraged where such materials would replace or damage original building materials that are in good condition

Alterations to features that are not visible from the public right-of-way should be allowed a s a matter of course

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

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

- (b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to insure conformity with the purposes and requirements of this chapter, if it finds that:
  - (1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
  - (2) The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or

#### **STAFF DISCUSSION**

The applicant proposes work on the house in three general areas: replacing the non-historic front door, modifying the screened-in rear porch, and removing a historic window from the right (west) elevation and install a new clad wood window 2' 6" (two feet, six inches) toward the rear wall. The applicant additionally proposes to install a new window on the rear elevation.

#### **Door Replacement**

The existing door on the front of the house is a three lite, mid-century design that is not original to the house. Its removal is acceptable as this is not a historic feature and its retention detracts from the historic character of the house.

The applicant proposes to install a two-panel, two-lite wood, Craftsman style door in its place. This door is in keeping with the design of the house and appropriate for the time period of construction. Staff finds that it is an appropriate design and recommends approval of this proposal.

#### **Rear Porch Modifications**

The existing rear screened-in porch is a non-historic addition to the house and has a shed roof and side loading steps. It is a wood frame construction and has some beadboard panels on the left side. The left side of the porch is partially visible from the public right-of-way along Elm Ave., and the rear of the porch is visible from Allegheny Ave. (outside of the historic district).

The applicant proposes to remove the existing side loading steps, fill in the existing screen door opening with a beadboard panel, install new rear loading wood steps matching the appearance and materials of the removed steps, install a new screen door, and to install two Velux skylights (cut sheet attached) in the porch roof.. The applicant also proposes to move the rear door several inches and reinstall it. Staff finds that these modifications do not detract from the character of the house or the surrounding district and Staff supports approval in accordance with 24A-8(b)(1). The *Design Guidelines* state that "minor alterations to areas that do not directly front on a public right-of-way such as... skylights should be allowed as a matter of course. While Staff finds that the proposed alteration is acceptable per the *Guidelines* permit drawings need include detailed specifications for the skylights. Additionally, these changes are not visible from the public right-of-way within the boundaries of the historic district and the *Guidelines* state that these changes should be approved as a matter of course.

#### Window Removal and Reconfiguration

The applicant proposes to remove a window on the right elevation of the house and install a new clad window on the right side in a new window opening closer to the rear wall. The window proposed for removal on the right side is the rear-most six-over-one wood window. Information presented by the applicant at the preliminary consultation suggests that the wood windows throughout the house are historic. The applicant proposes install a new clad window in a new window opening 2' 6" (two feet, six inches) to the rear of the house.

The proposal evaluated at the Preliminary Consultation called for the removal of the paired sash window and the rear window on the west elevation and to install two smaller sash windows on the elevation in new locations. The proposal aimed to align new window openings with the reconfigured kitchen. Staff found that the proposal was contrary to the *Design Guidelines* which state, "Original size and shape of window and door openings should be maintained, where feasible." Staff found, and the HPC concurred, that the historic paired sash windows were significant to historic character of the building and surrounding streetscape. Staff also determined that while the landscape around the house has matured, the windows on this elevation are visible from the public right-of-way when considered irrespective of the landscaping (see the c.2012 image below, prior to the maturing of much of the surrounding landscape).

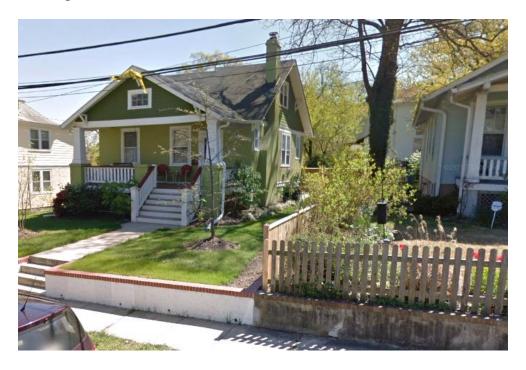


Figure 1: April 2012 view of the house showing the right rear windows.

The revises proposal calls for moving the rear window on the right (west) elevation by 2' 6" (two feet, six inches) and installing a new clad window in its place. The applicant will patch the existing opening and paint the wall to match. The applicant proposes to install a JeldWen Siteline six-over-one wood clad window in the same size as the existing window with permanently applied interior and exterior muntins. At the preliminary consultation the applicant indicated that the sash cords were broken, and the build-up of paint made the windows difficult to operate. Staff does not believe that this alone is sufficient to justify the removal of a historic wood window and that if this historic window was repairable it could provide decades of continued use (there are also Montgomery County Tax Incentives available for the repair of this element). While the proposed replacement window will be the same size as the existing, Staff remains finds that the proposal does not comply with the *Design Guidelines*, which states that consideration should be given to maintaining original window and door openings, where

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feasible. The proposed work is on a secondary elevation; however, the *Guidelines* do not dictate a less rigid adherence except when work will not be at all visible from the public right-of-way. Staff finds that approval of this HAWP should be conditioned on retaining the window on the west elevation to comply with the *Design Guidelines*.

The applicant proposes installing a window on the rear (south) elevation near the southwest corner of the house. The proposed window for the newly created opening will be a a JeldWen Siteline six-over-one wood clad window with permanently applied exterior and interior 7/8" (seven-eighths inch) with putty bevel-profiled muntins (see pages 26 for details). The proposed window will be the same size as the historic sash window discussed above in the same lite pattern, making the design appropriate for the architectural style of the house. This window will be partially visible from the public right-of-way, but in a location that is outside of the historic district. Staff finds that even though this new opening is at the rear of the house, because it is being created within the house's historic building envelope, the window needs to be wood to be compatible with the historic materials. Staff recommends conditioning approval of this HAWP on the use of a wood window being installed in the proposed opening. The new window should match the dimensions and profiles of the proposed clad window. The applicants identified window manufacture, JeldWen, makes a wood window in matching dimensions. Staff recommends that permit drawings showing a wood window installed in the rear elevation must be submitted for review and approval with final approval authority delegated to Staff.

#### STAFF RECOMMENDATION

Staff recommends the HPC approve with three conditions the HAWP application;

- 1. The window on the west elevation, needs to be maintained its historic location;
- 2. The new rear window needs to be wood. A clad window in this location is not appropriate. Submitted permit drawings must reflect compliance with this condition; and
- 3. Detailed specification for the skylights must be submitted for review and approval to Staff with the permit drawings with final approval authority delegated to Staff; and with the general condition applicable to all Historic Area Work Permits that **the applicant will present** 3 permit sets of drawings to HPC staff for review and stamping prior to submission for permits (if applicable). After issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant will arrange for a field inspection by calling the DPS Field Services Office at 240-777-6370 prior to commencement of work and not more than two weeks following completion of work.



### HISTORIC PRESERVATION COMMISSION 301/563-3400

# APPLICATION FOR HISTORIC AREA WORK PERMIT

contact mail: sthochmeme.com	Contact Person: SARAH BOEHM
Contact Email: 37730000000000000000000000000000000000	Daytime Phone No.: 510-282-3930
Tax Account No.: 16-13-01073796	
Name of Property Owner: SARAH BOEHM + LEONARD	Daytime Phone No.: 510-282-3930
Name of Property Owner: SARAH BOETTM + LEONARD  Address: 111 ELM AVE TAKOMA FARK  Street Number  City	ARK 20912 Stant In Code
. 1	Store Store
Contractor: N/A	Phone No.:
Contractor Registration No.:	
Agent for Owner: N/A	Daytime Phone No.:
COCATION OF BUILDING PREMISE	
House Number: 111 Street	ELM AVE
House Number: 111 Street Town/City: TAKOMA PARK Nearest Cross Street:	ALLEGHENY AVE
Lot: 77+78 Block: 100 Subdivision:	
Liber:Folio:Parcel:	
PARTONE TYPEOPERING AND DISE	DOM NO ADI E.
1A CHECK ALL APPLICABLE: CHECK ALL AS  CHECK ALL AS  ACC   A	
· Clark Control of the Control of th	Fireplace  Woodburning Stove  Single Family
	I (complete Section 4) Other:
18. Construction cost estimate: \$ 50 K  10. If this is a revision of a previously approved active permit, see Permit # N/	Λ
1C. If this is a revision of a previously approved active permit, see Permit # [V]	Pt.
PARTAWOR GOME PARAFORMAN GOMESTALIGATION AND DESCRIPTION AND DESCRIPTIONS	
2A. Type of sawage disposal: 01 🖂 WSSC 02 🖂 Septic	93 🖸 Other:
2B. Type of water supply: 01 ☐ WSSC 02 ☐ Well	03 🗌 Other:
Zaninilia angoli (angoli vigo isali at na at	
3A. Height feet inches	
38. Indicate whether the fence or retaining wall is to be constructed on one of the folk	nuina lanatinan
☐ 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 app	olication 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 con	dition for the issuance of this permit.
Ly sale Broken	alulio
Signature of owner or authorized agent	O P X
Approved: For Chairpen	
Approved.	son, Historic Preservation Commission
Disapproved: Signature:	
	Date:

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SEE REVERSE SIDE FOR INSTRUCTIONS

#### THE FOLLOWING ITEMS MUST BE COMPLETED AND THE REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.

#### 1. WRITTEN DESCRIPTION OF PROJECT

۵.	Description of existing structure(s) and environmental setting, including their historical features and significance;
	III ELM AVENUE IS A SINGLE FAMILY HOME DESIGNATED AS A
	CONTRIBUTING RESOURCE TO TAKOMA PARKS HISTORIC DISTRICT.
	THE HOUSE IS PRESERVED IN KEEPING WITH THEORIGINAL
	19205 CRAFTSMAN COTTAGE STULE, AND IN EXCEUENT CONDITION.
	WITH THE EXCEPTION OF A FRONT DOOR WHICH DOES NOT
	CONFORM TO THE 1920S STYLE AND APPEARS TO BE FROM
	the 1950s.

b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district: THE PROSLET IS LARGELY AN INTERIOR KITCHEN REMODEL WITH SOME EXTERIOR MODIFICATIONS TO INCREASE LIGHT IN THE INTERIOR OF THE HOME, AND IMPROVE ACRESS TO AND VIEWS OF THE BACKYARD THE EXTERIOR MODIFICATIONS INCLUDE MAING AND REPLACING TWO WINDOWS ON THE WEST SIDE OF THE HOUSE, MOVING THE SCREENED IN PORCH POOR TO THE: 2. SITEPLAN (continued on next

Site and environmental setting, drawn to scale. You may use your plat. Your site plan must include:

- a. the scale, north arrow, and date;
- b. dimensions of all existing and proposed structures; and
- c. site features such as walkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

#### 3. PLANS AND ELEVATIONS

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" pager are preferred.

- a. Schematic construction plans, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- b. Elevations (facades), with marked dimensions; clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and focures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

#### 4. MATERIALS SPECIFICATIONS

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

#### 5. PHOTOGRAPHS

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

#### 6. TREE SURVEY

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

#### 7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS

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

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

PG20F19

Page)

(CONTINUATION OF 1.6. "GENERAL DESCRIPTION OF PROJECT")

BACK OF THE PORCH AND ADDING A SMALL DECK AND STAIRS FROM THE PORCH TO THE YARD, ADDING TWO SICYLIGHTS TO THE SCREENED IN PORCH, AND MOVING AND REPLACING THE EXTERIOR BACK DOOR TO THE PORCH WITH A TRANSOM WINDOW. IN ADDITION, THE REMODEL WILL INCLUDE A REPLACEMENT OF THE FRONT DOOR TO ASTYLE IN KEEPING WITH THE 1920S CRAFTSMAN COTTAGE STYLE. OVERALL, THE CHANGES WILL EITHER IMPROVE WOON OR REMAIN IN KEEPING WITH THE

## 5. Existing Property Condition Photographs (duplicate as needed)



Detail: FRONT: REPLACE FRONT DOOR WITH PERIOD APPROPRIATESTYLE DOOR



Detail: West Side: Move + REPLACE 2 WINDOWS

## 5. Existing Property Condition Photographs (duplicate as needed)



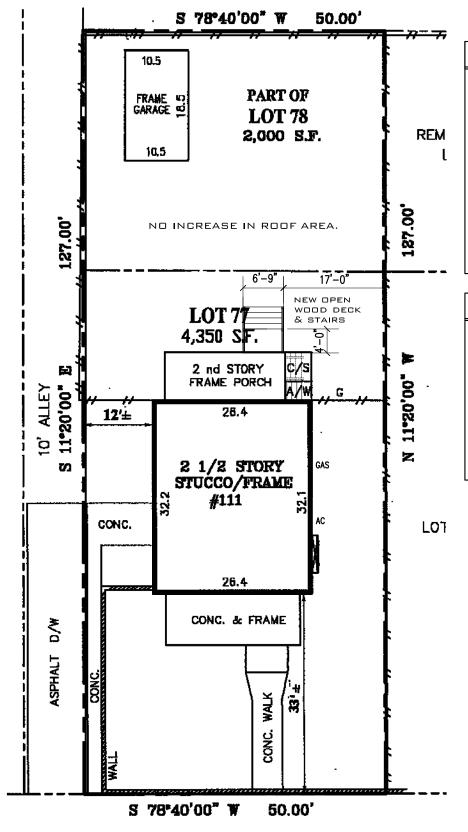
Detail: BACK: MOVE SCREEN DOOR TO BACK, ADD WINDOW, MOVEBALLE
DOOR, ADD SKYLIGHTS (2), ADD SMAN DEELE + STAT RS TO YARD



Detail: EASTSIDE : NO CHANGES

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

Owner's mailing address Owner's Agent's mailing address					
	Owner's Agent's mailing address				
SARAH BOEHM TLEONARD	N/A				
Newmark					
III ELM AVE					
TAICOMA-PARK 20912					
Adjacent and confronting Property Owners mailing addresses					
ANDREAS SMITH + JENNIFER	MARÍATSIOLÍS + BENJAMÍN				
61B50N	LAMBIOTTE				
109 ELM AVE	110 Fin Ave				
TAKOMA PARK, MD 20912	TAKOMA PARK, MD 20912				
	Micornary				
GEORGE MIDDENDORF+	RUTH MASTERSON + MARTINA				
LISA FAMOLARE	BARASH				
112 ELM AVE	6807 ALLEGHENY AVE				
TAKOMA PARK, MD 20912	TAKOMA PARK, MD 20912				
,					
BRIAN + CATHERINE	NINA ZIMDAHL + ROBERT				
ROWLAND	HART				
113 ELM AVE	6809 ALLEGHENY AVE				
TAKOMA PARK, MD 20912	TAKOMA PARK, MD 20912				



#### PROJECT SCOPE

Existing 1-1/2 story wood framed residence is a contributing resource in the Takoma Park Historic District. The project scope includes a minor interior renovation and small rear deck addition for better access to the yard from the existing screen porch. The expansion of the kitchen requires changes to the existing door and window openings on the west and rear elevation.

Construction to be in conformance with the IRC and IECC, 2015 Edition, as amended by Montgomery County Executive Regulation No 8-12.

#### DRAWING INDEX

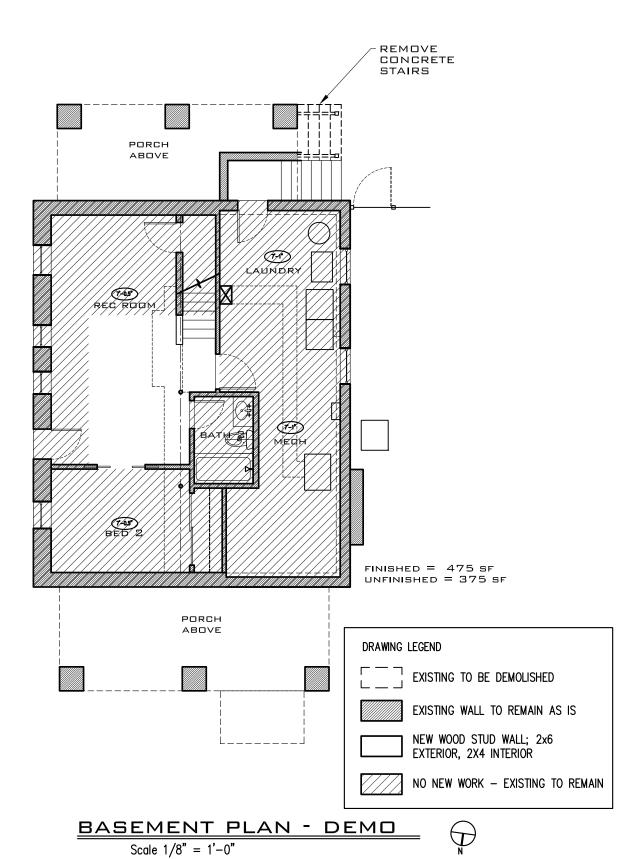
- COVER SHEET/SITE PLAN BASEMENT PLAN - DEMO
- 1ST FLOOR PLAN DEMO
- 2ND FLOOR PLAN DEMO BASEMENT PLAN - NEW
- 1ST FLOOR PLAN NEW 6
- 2ND FLOOR PLAN NEW
- 7 8 DOOR & WINDOW SCHEDULE
- FRONT & EAST SIDE ELEVATION 9
- WEST SIDE ELEVATION 10
- REAR ELEVATION 11
- 3D VIEWS & PHOTOS

**ELM AVENUE** (40' R/W)

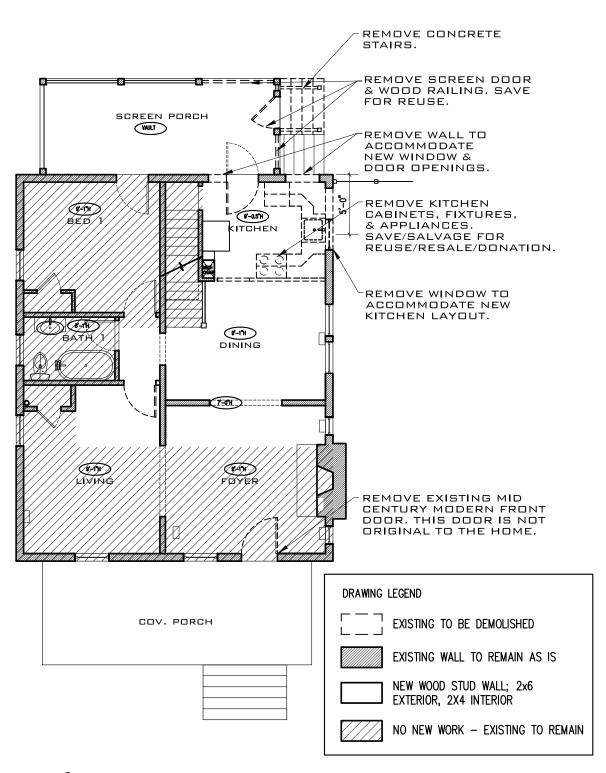
EXISTING SITE PLAN

Scale 1/16" = 1'-0"





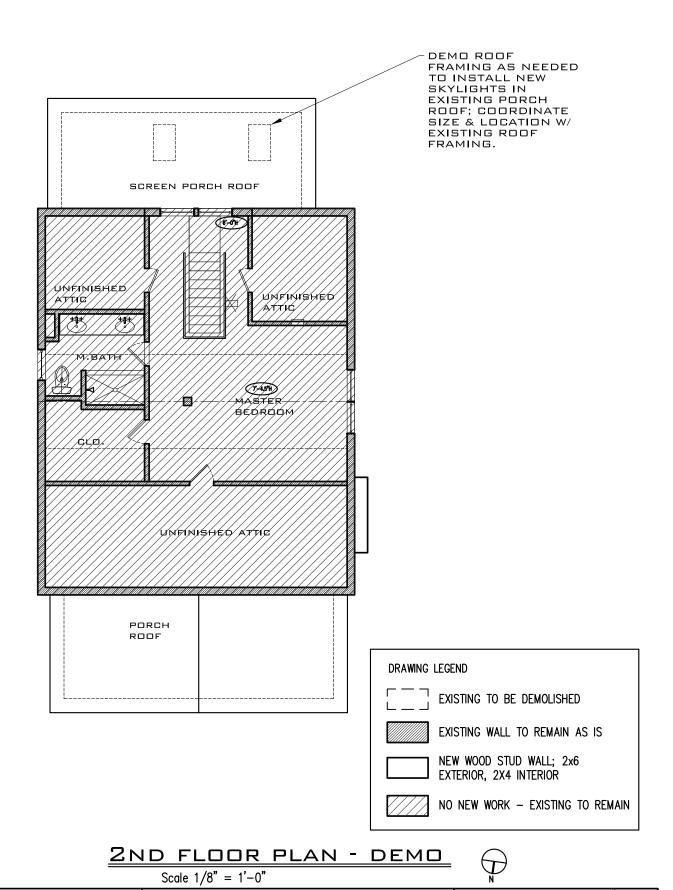
MJW DESIGNS, LLC 30 Hayward Ct, Takoma Park, MD 20912 443.994.8777 BOEHM-NEWMARK RESIDENCE 111 Elm Avenue, Takoma Park, MD 20912 Historic Area Work Pont 2018.07.05



1ST FLOOR PLAN - DEMO

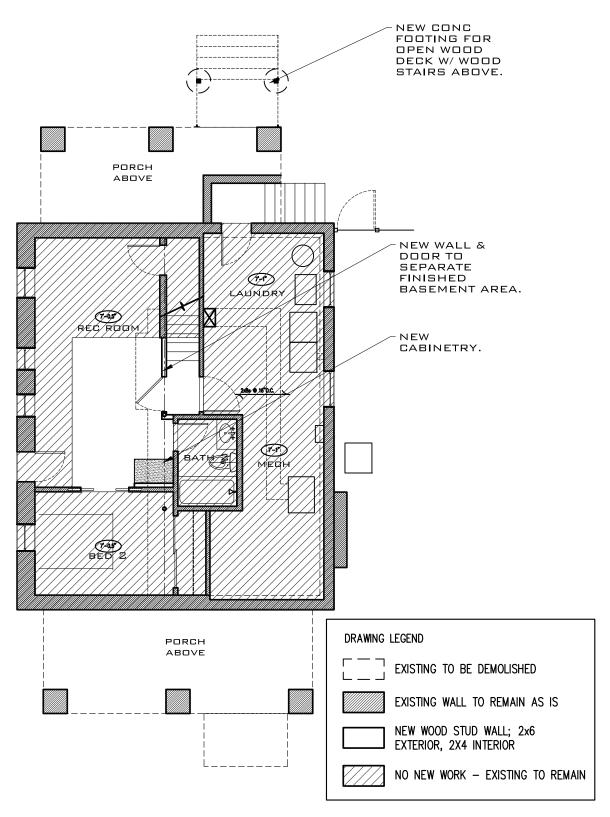
- DEMU

Scale 1/8" = 1'-0"



MJW DESIGNS, LLC 30 Hayward Ct, Takoma Park, MD 20912 443.994.8777

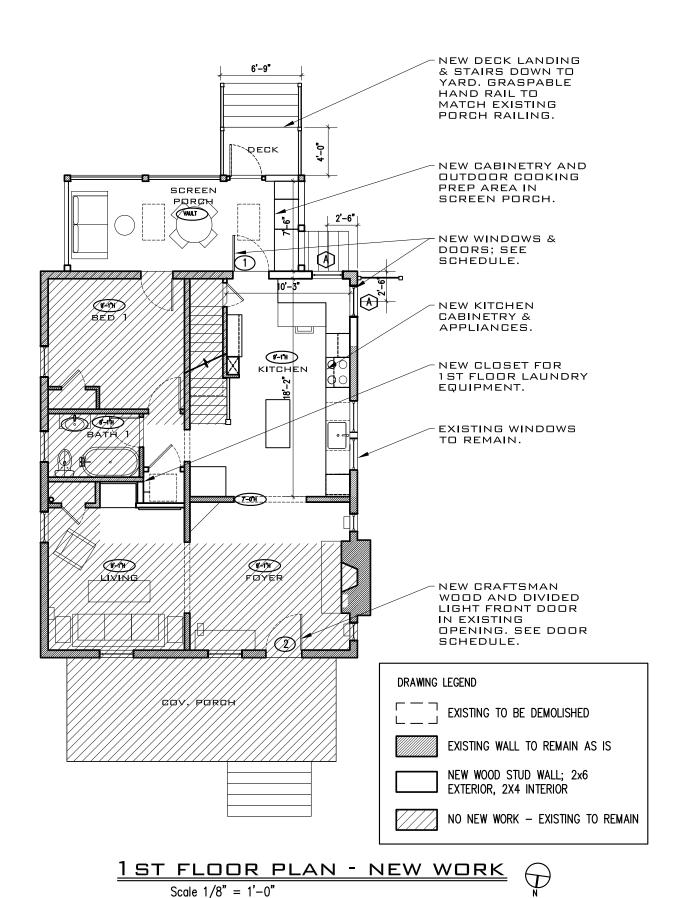
16



BASEMENT PLAN - NEW WORK

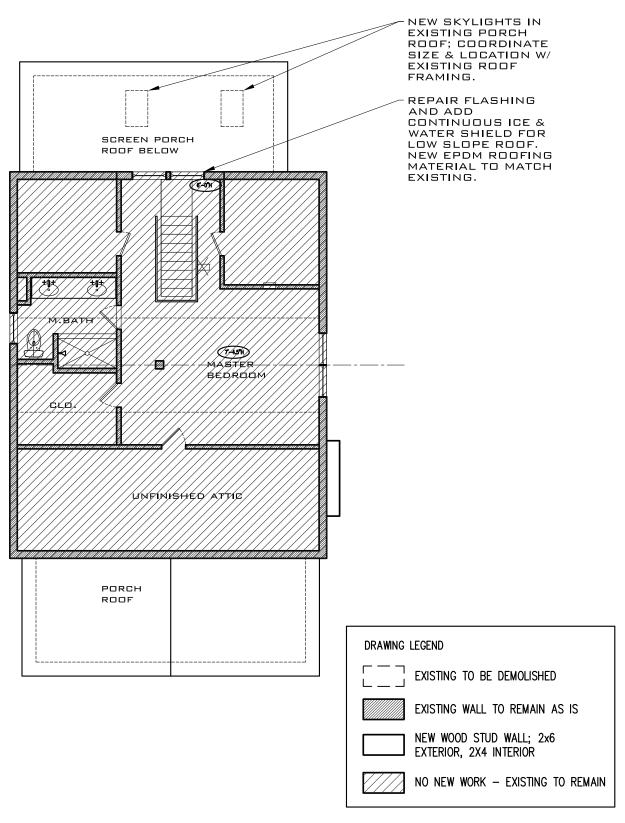
Scale 1/8" = 1'-0"





MJW DESIGNS, LLC
30 Hayward Ct, Takoma Park, MD 20912
443.994.8777

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2ND FLOOR PLAN - NEW WORK

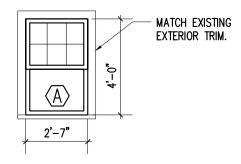
Scale 1/8" = 1'-0"



EXTERIOR WINDOW & DOOR SCHEDULE			QUANTITY	
1	JELDWEN SITELINE CLAD WOOD WINDOWS AND PATIO DOORS. WHITE CLAD EXTERIOR. PRIMED AND PAINTED INTERIOR WOOD. LOW E DOUBLE GLAZING WITH ARGON GAS FOR U-FACTOR OF .31 OR BETTER ON WINDOWS. SCREENS ON ALL OPERABLE UNITS. SIMULATED DIVIDED LITE (SDL) MUNTIN BARS AS SHOWN. HARDWARE FINISH TO BE SELECTED BY OWNER.	UP	LT.	RT.
$\langle A \rangle$	SCD3148 - 6/1 SIMULATED DIVIDED LITE PATTERN. (SAME SIZE AND STYLE AS EXISTING KITCHEN WINDOW.)	2		
	PRCOSW30611 - SITELINE CLAD WOOD OUTSWING PATIO DOOR W/ TRANSOM PRCOSTW3014, TEMPERED GLAZING.			1
2	SIMPSON DOOR, MODEL 36802 CRAFTSMAN TWO PANEL - TWO LITE (SDL), TEMPERED GLAZING.			1

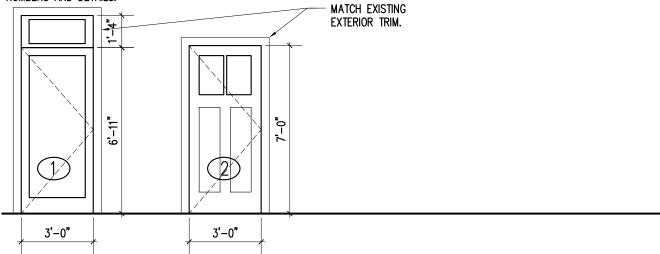
#### NEW WINDOWS

DIMENSIONS NOTED ARE GENERAL UNIT DIMENSIONS. SEE MANUFACTURER FOR ROUGH OPENING SIZE. SEE SCHEDULE FOR MODEL NUMBERS AND DETAILS.



#### NEW EXTERIOR DOORS

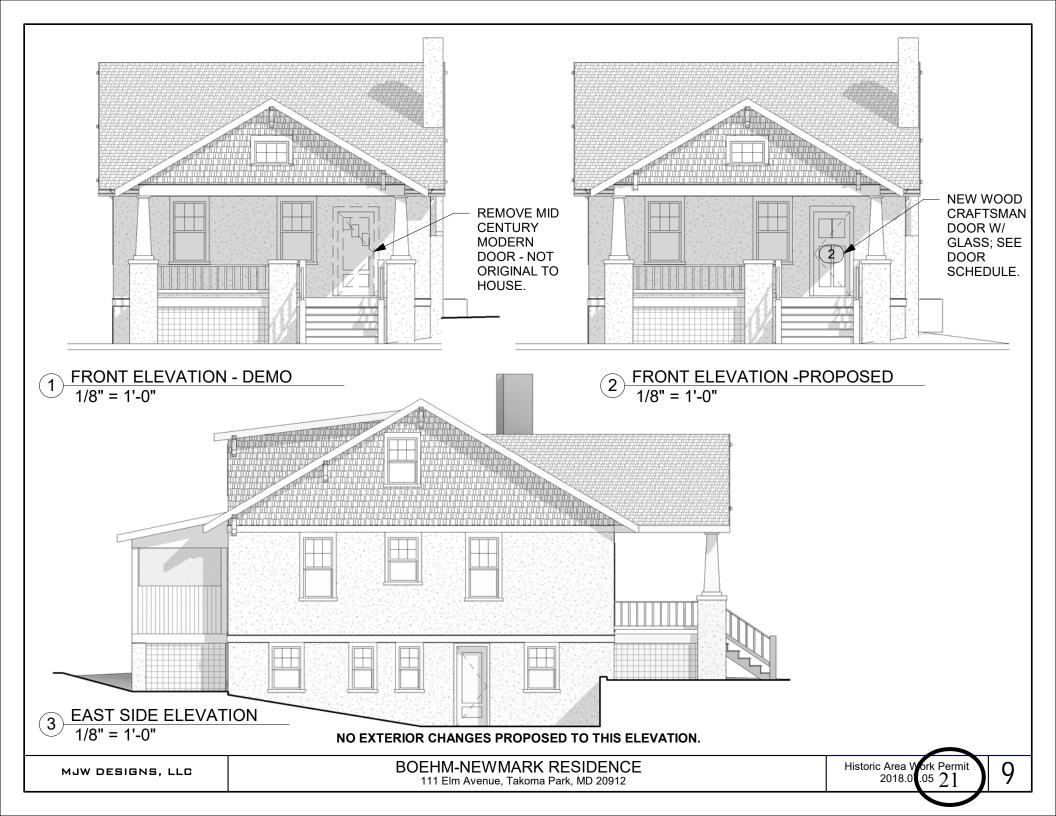
DIMENSIONS NOTED ARE GENERAL UNIT DIMENSIONS. SEE MANUFACTURER FOR ROUGH OPENING SIZE. SEE SCHEDULE FOR MODEL NUMBERS AND DETAILS.

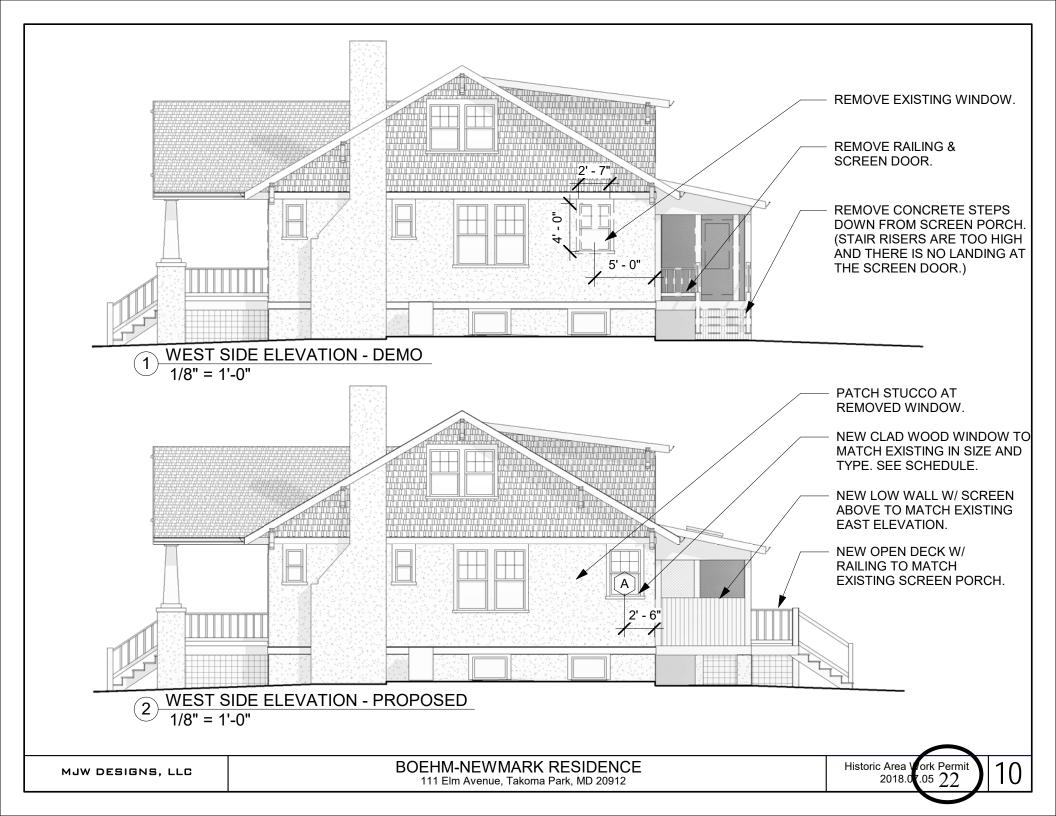


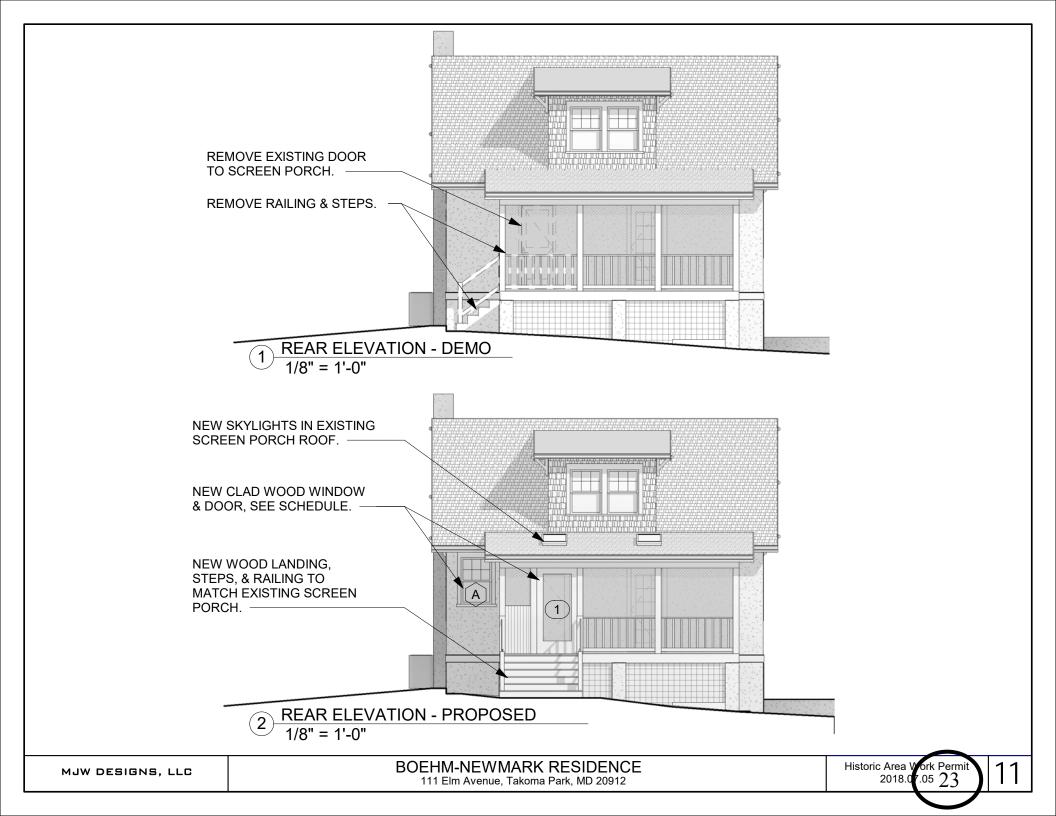
## EXTERIOR DOORS & WINDOWS



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## PROPOSED BACKYARD VIEWS

## **EXISTING BACKYARD VIEWS**

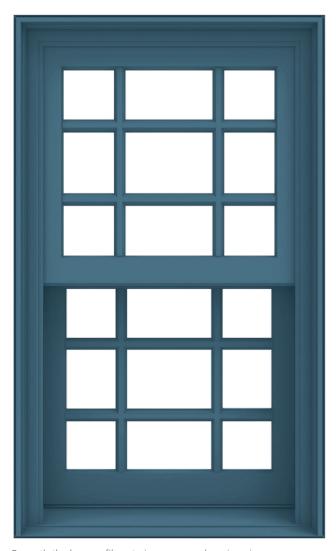




#### **DOUBLE-HUNG WINDOWS**

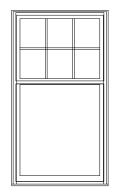
JELD-WEN double-hung windows offer a traditional style. They feature an upper and lower sash that can slide vertically past each other in a single frame and have a concealed jamb liner, providing a clean and architecturally focused look. Both sash tilt in for convenient cleaning.

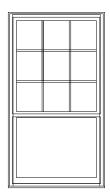
These windows feature an optional 3-1/2" bottom rail with optional finger plow and a top rail with optional finger routes.



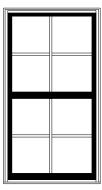
Beneath the low-profile exterior are several engineering and design cues that will keep these windows operating smoothly for years to come. See dealer for additional product details and ordering information.

#### **OPTIONAL DESIGNS**

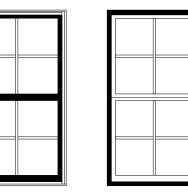




COTTAGE



**REVERSE** COTTAGE



**HYBRID** WOOD FRAME/ CLAD SASH

**HYBRID** CLAD FRAME/ WOOD SASH



#### CHAMBERED COMPOSITE **INTERIOR SILL**

- Added strength
- Space in chambers acts as thermal break

#### **DIVIDED LITES**

Add architectural interest to your JELD-WEN® Siteline® wood and clad-wood windows with one of our decorative grille options. These options include Simulated Divided Lites (SDL) for an authentic look, Full-Surround (FS) wood grilles that can be removed for easy cleaning, and maintenance-free Grilles Between the Glass (GBG).



#### SIMULATED DIVIDED LITES (SDL)

Our permanently attached wood grilles create a truly authentic look. Grilles are adhered to the interior glass while exterior grille options include aluminum for clad wood or wood for primed wood. The optional light brown or silver shadow bars are placed between the two panes of insulating glass to complete the effect. Interior and exterior SDLs are available in decorative beaded or subtle putty profiles (shown to the right).

#### FULL-SURROUND (FS) WOOD GRILLES

Enjoy low-maintenance beauty with our full-surround wood grilles that can be removed for easy cleaning. Choose from 7/8", 1-1/8" or 1-3/8" grilles that are positioned on the interior glass surface.

#### GRILLES BETWEEN THE GLASS (GBG)

This option provides style without the upkeep. Select 5/8" flat or 23/32" or 1" contour metal grilles in many of our clad colors.

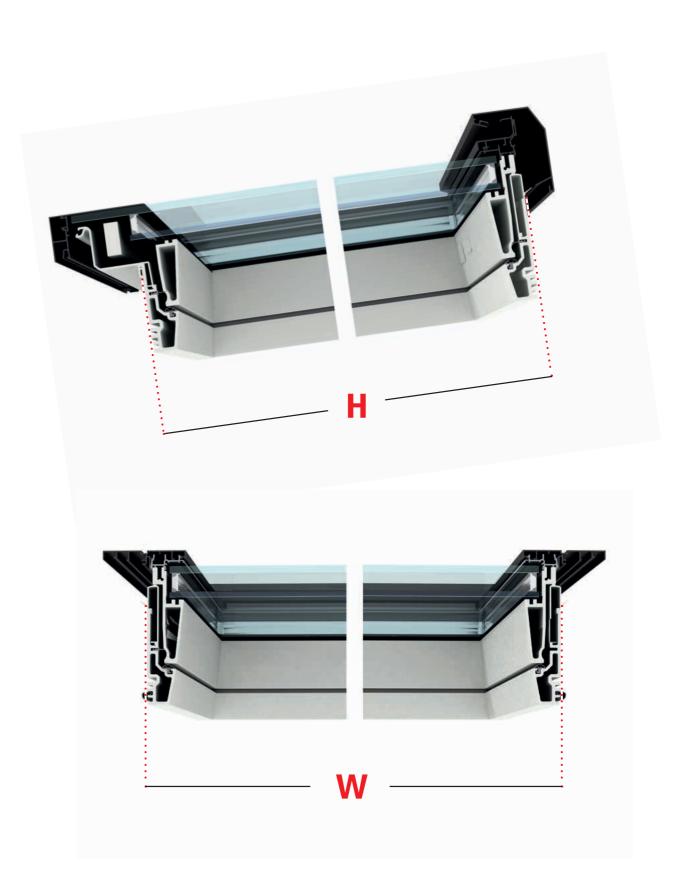




## How to measure the modules

Width and height of the modules are determined by the exterior W and H dimensions of the frame – not the measurements of the cladding, flashing or brackets.





 $27^{-\mathsf{velox}}$