MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION STAFF REPORT

Address:	7203 Cedar Ave., Takoma Park	Meeting Date:	12/7/2022
Resource:	Contributing Resource Takoma Park Historic District	Report Date:	11/30/2022
Applicant:	Mark Foster	Public Notice:	11/23/2022
Review:	HAWP	Staff:	Dan Bruechert
Case No.:	1011274	Tax Credit:	Partial

Proposal: Roof alteration, dormer construction, fenestration alteration, window replacement, and after-the-fact front porch alteration.

STAFF RECOMMENDATION

Staff recommends the HPC **approve with four** (4) **conditions** the HAWP application:

- 1. The front porch stairs need to be finished with either masonry or wood, not a composite substitute. Final approval authority to ensure this condition has been satisfied is delegated to Staff.
- 2. Specifications for the first-floor rear windows and doors was not provided with the HAWP application. Staff recommends the HPC approve wood or aluminum clad windows and delegate final approval authority to Staff to confirm the condition has been satisfied.
- 3. Any modifications to the chimney need to be submitted to the HPC as a Staff Item/revision to the HAWP for consideration at a future HPC meeting.
- 4. The approval of this HAWP does not extend to the left-side shed dormer. Permit drawings may not include this dormer. An amended HAWP with a revised proposal can be submitted under this permit number.

ARCHITECTURAL DESCRIPTION

SIGNIFICANCE:	Contributing Resource to the Takoma Park Historic District
STYLE:	Craftsman
DATE:	1918



Figure 1: The subject property is located near the intersection of Cedar and Tulip Ave.

BACKGROUND

On August 18, 2022, the HPC held a Preliminary Consultation on the current proposal.¹ The HPC was generally supportive of several elements proposed including, raising the roof pitch, the left side gable dormer, the proposed skylights, the proposed side porch roof, alterations to the fenestration at the rear, and removing and replacing the existing windows.

Commissioners were uniform in finding that a shed dormer could be accommodated on the right roof slope, but that the one presented was too large.

The HPC also identified materials that would be required to fully evaluate the proposal as a HAWP. The applicant made revisions based on the HPC's feedback and provided the requested documentation.

PROPOSAL

The applicant proposes work in several areas including:

- After-the-fact replacement the front porch stairs;
- Installing a new roof over the left side entrance;
- Replacing the existing windows with window sash packs;
- Replacing the basement windows;
- Changing the rear fenestration;
- Raising the roof ridge;

¹ The Staff Report and Application for the Preliminary Consultaiont is available here: <u>https://montgomeryplanning.org/wp-content/uploads/2022/08/II.D-7203-Cedar-Avenue-Takoma-Park.pdf</u>. The recording of the hearing is available here: <u>https://mncppc.granicus.com/MediaPlayer.php?publish_id=d894867c-</u><u>1f09-11ed-b1ab-0050569183fa</u> and discussion of this item begins at 4:19:00.

- Installing a shed dormer on the right roof slope; and
- Installing a gable dormer and skylights on the left roof slope.

APPLICABLE GUIDELINES

When reviewing applications for 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)*.

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 rightof-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.

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.

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,

Minor alterations to areas that do not directly front on a public right-of-way such as vents, metal stovepipes, air conditioners, fences, skylights, etc. – should be allowed as a matter of course; alterations to areas that do not directly front on a public way-of-way which involve the replacement of or damaged to original ornamental or architectural features are discouraged, but may be considered and approved on a case-by-case basis,

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

While additions should be compatible, they are not required to be replicative of earlier architectural styles

Second story additions or expansions should be generally consistent with the predominant architectural style and period of the resource (although structures that have been historically single story can be expanded) and should be appropriate to the surrounding streetscape in terms of scale and massing

II.A

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 as a matter of course

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

Montgomery County Code; Chapter 24A-8

- (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.
- (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

The Secretary of the Interior defines rehabilitation as "the act or process of making possible a compatible use for a property through repair, alterations, and additions while preserving those portions or features, which convey its historical, cultural, or architectural values." The applicable *Standards* are as follows:

2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.

5. Distinctive materials, features, finishes and construction techniques or examples of craftsmanship that characterize a property will be preserved.

6. Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design,

color, texture, and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.

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 two-story Craftsman with a front gable roof, a full-width front porch, and roof brackets. The first floor of covered in stucco and the second floor is clapboard sided. The applicant proposes a whole house renovation/rehabilitation and work elements are detailed below.

After-the-fact Replacement of the Front Porch Stairs

The application states that the existing concrete front stairs have settled to the left and do not satisfy existing code requirements. The proposal will construct new composite stairs over the existing and support the new treads with wood blocking. The specific composite was not identified, however, based on Staff's observations, it appears to be Trex. A site visit confirmed that this work has already been completed. The HPC is to review this proposed work as if it has not already been completed.

The HPC generally finds that composite materials are inappropriate for front stairs and decks on Contributing and Outstanding resources in the Takoma Park Historic District. This is largely because they are too shiny to be a compatible substitute for wood and do not develop a patina over time. Staff concurs with the applicant's assessment that the existing concrete stairs are unsafe and need to be replaced. However, Staff finds that either wood or masonry are appropriate materials for replacement front porch stairs at the subject property. Staff recommends the HPC condition approval of the HAWP on porch stairs that are either wood or masonry. Final approval authority to ensure conformance with this condition can be delegated to Staff.



Figure 2: The subject property with another two-story Craftsman to the right.

Installing a New Roof Over the Left Side Entrance

Above the left side door is a ghost of a previously installed roof. The applicant states that rain can enter directly into the basement and proposes installing a roof over the door to shed rain away from the house. The proposal is to construct a shed roof with exposed rafter tails, to match the roof design, over the side porch.

The HPC was supportive of this proposal at the Preliminary Consultation and did not state a preference for a specific roof form. Staff finds the ghost in the stucco is evidence that there had been a shed roof over this entrance at some point in the building's history. Staff additionally finds that the proposed roof will not have a substantial impact on the house massing on the highly visible side elevation and recommends the HPC approve the shed porch roof.

Replacing the Existing Windows with Window Sash Packs

All the existing windows are wood one-over-one sash windows. The condition of the individual window sashes varies, but all sashes have peeling paint and have tested positive for lead (report attached). The applicant proposes removing all of the existing sashes and installing "low profile" aluminum clad sashes in their place. The proposed sash packs will have a one-over-one configuration to match the existing configuration. Additionally, the applicant proposes to remove all of the aluminum storm windows.

At the preliminary consultation, the HPC voiced their support for removing the existing windows provided the applicant could provide documentary evidence. That evidence has been submitted with the HAWP application and confirms the presence of lead paint and lead dust throughout. Based on the guidance provided by the HPC the removal of the existing window sashes could be permitted.

To effectively evaluate the proposed sash pack, the HPC requested measured drawings of the existing sash and the proposed sashes. The elevations show the stiles are ¼" wider than the existing, that the meeting rail is 7/8" wider than the existing, and that the bottom rail is ¼" taller than the existing. This is fairly typical of a sash pack assembly because the jamb liner shrinks the amount of glazing. While Staff encourages the applicant to restore the existing sashes and utilize the County Historic Preservation Tax Credit, Staff finds that the proposed sash pack is similar enough in dimensional profiles to the existing window dimensions to be compatible. Additionally, the HPC consistently determined – where replacement was acceptable – that aluminum clad windows are appropriate replacements to Contributing resources in the Takoma Park Historic District. Based on the feedback from the HPC at the Preliminary Consultation and the additional documentation presented, Staff recommends the HPC approve the window replacement under the *Design Guidelines*.

Replacing the Basement Windows

Most of the basement windows have been replaced or substantially altered. The applicant proposes to replace all of the basement windows with awning windows and the materials state one window opening will be enlarged to satisfy egress requirements.

Based on the photos submitted and HPC feedback, Staff finds replacing the basement windows is appropriate and will not detract from the historic character of the house and surrounding district. Staff supports replacing the existing basement windows with new aluminum clad windows in matching dimensions.

Changing the Rear Fenestration

At the rear of the house, the applicant proposes to remove the paired sash windows, non-historic half-lite door, and blocked-in window. In their place, the applicant proposes to install a pair of French doors on the right side of the rear elevation and a pair of sash windows on the left side of the rear elevation.

The Takoma Park *Design Guidelines* are quite permissive on alterations to elevations that are not visible from the public right-of-way. The *Guidelines* state alterations not visible from the public right-of-way should be approved as a matter of course. While a majority of the HPC supported this change, there was at least one dissenter who voiced support for retaining the fenestration as it is. Staff finds aluminum clad windows and doors should be approved at this elevation, however, a specification was not included in the application materials. Staff recommends the HPC delegate final approval authority to Staff to confirm that the new rear windows and doors are either wood or aluminum clad.

Raising the Roof Ridge

The applicant proposes raising the roof ridge by three feet and enlarging the window under the gable to accommodate a pair of sash windows on the front and rear elevations. The applicant provided additional information at the preliminary consultation that the roof rafters were under-engineered and the structure needed to be removed and replaced regardless of whether the HPC allowed the roof ridge to be raised. Based on this evidence, the HPC uniformly supported raising the roof ridge provided the decorative elements, including the siding, brackets, and exposed rafter tails were maintained. The HPC acknowledged the change in grade on the site would reduce the visual impact of the additional height and supported the alteration under the *Design Guidelines*.

The single fixed window under the gable will be replaced by a pair of aluminum-clad sash windows smaller than the ones on the first and second floors. The new sash windows will be consistent with the sash packs installed on the lower floors to match the profiles. Staff finds the new windows will not substantially alter the character of the house and recommended the HPC approve the new windows under the *Design Guidelines* and 24A-8(b)(1).

One item not addressed by the HAWP application is the code compliance of the existing chimney.

Acceptable chimney height is determined by the average roof height. Because the roof height is changing, not including the proposed dormers (discussed below), it stands to reason that the Department of Permitting Service would require a change to the chimney height. Staff recommends that the HPC approve the roof alteration, but add a condition that any change to the chimney needs to be presented to the HPC as a Staff Item/revision to the HAWP. Staff finds that a prescriptive condition is not appropriate in this instance as there are several potential solutions. Staff does not find it appropriate to delegate approval authority to Staff as allowed under the HPC's executive regulations that allow for Staff-level approval because there could be several design and material items that the HPC would wish to review.

Shed Dormer on the Right Roof Slope

On the right roof slope, the applicant proposes to install a shed dormer 16' (sixteen feet) wide with a roof projection of over one foot on each side. The dormer will have wood siding with a narrow reveal to match the second-floor siding on the existing house. The two pairs of sash windows will match the attic windows under the front and rear gables. The size of the proposed right-side dormer is reduced significantly from what was presented at the Preliminary Consultation.



Figure 3: StreetView image showing the right roof slope of the subject property.

As shown in Figure 3, this roof surface is visible from the intersection of Tulip and Cedar Ave., but only from a very narrow perspective. At the Preliminary Consultation, the HPC agreed with Staff's finding that a dormer could be accommodated on that roof slope, but it needed to be significantly reduced in size. Staff finds the proposed width is significantly reduced and is generally consistent with the guidance provided by the HPC and is set far enough to the rear that it will not have a significant impact on the streetscape. Staff additionally finds that the materials and architectural details are consistent with the house architecture as supported in the *Design Guidelines*.

On the left roof slope, the applicant proposes to construct a shed dormer matching the dimensions and appearance of the right-side dormer (Staff notes that this dormer is drawn incorrectly, as it is represented as projecting above the roof ridge). At the Preliminary Consultation submission, the applicant proposed a gable dormer on the left roof slope. The HPC supported this dormer in concept, but could not provide additional feedback because dimensions and materials were not included with the application.



Figure 4: The subject property from the left as photographed from the right-of-way.

Staff would prefer a gable dormer over the proposed shed dormer because it has a smaller apparent mass. The application states this element was changed to a shed dormer because accommodating the stair and landing would require a gable more than half the width of the roof plan. Regardless of why the proposal was changed, Staff does not find that the proposed shed dormer is an appropriate feature on the left side of the building. The proposed dormer, which aligns with the left wall plane, would add an additional 6' 1 7/16" (six feet, one and seven-sixteenths inch) to the vertical wall plane. Unlike the right elevation which has projections for the chimney and the bay in the dining room, the left elevation is a single, flat plane. Staff finds extending that plane will negatively impact the house's apparent mass and is too dramatic of a change to be supported under either the *Design Guidelines* or any of the provisions in 24A-8(b). While Staff is supportive of the rest of the proposed work, Staff recommends the approval of this HAWP not extend to the left side dormer. An amended HAWP for a different treatment can be submitted at a later date.

Skylights

On both the left and right roof slopes the applicant proposes to install a pair of skylights. One skylight will be installed in front of the proposed dormer and one to the rear.

While Staff generally disfavors skylights this far towards the front wall, in this instance Staff finds the visibility of the skylights will be significantly reduced by the rise in grade on the site and the roof height from the right-of-way. Because only the right front skylight will be visible from the right-of-way, Staff recommends the HPC approve the new skylights under the *Design Guidelines* and 24A-8(b)(1).

STAFF RECOMMENDATION

Staff recommends that the Commission approve with four (4) conditions the HAWP application;

- 1. The front porch stairs need to be finished with either masonry or wood, not a composite substitute. Final approval authority to ensure this condition has been satisfied is delegated to Staff.
- 2. Specifications for the first-floor rear windows and doors was not provided with the HAWP application. Staff recommends the HPC approve wood or aluminum clad windows and delegate final approval authority to Staff to confirm the condition has been satisfied.
- 3. Any modifications to the chimney need to be submitted to the HPC as a Staff Item/revision to the HAWP for consideration at a future HPC meeting.
- 4. The approval of this HAWP does not extend to the left-side shed dormer. Permit drawings may not include this dormer. An amended HAWP with a revised proposal can be submitted under this permit number;

under the Criteria for Issuance in Chapter 24A-8(b)(1), (2), and (d) and the *Takoma Park Design Guidelines*, having found that the proposal 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 an electronic set 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 <u>contact the staff person</u> assigned to this application at 301-563-3400 or <u>dan.bruechert@montgomeryplanning.org</u> to schedule a follow-up site visit.

COMERY CO			For Staff only: HAWP# Date assigned			
HIS	APPLICAT TORIC AREA HISTORIC PRESERVAT 301.563.	WORK PE				
APPLICANT:						
Name:		E-mail:				
Address:		City:	Zip:			
Daytime Phone:		Tax Account	No.:			
AGENT/CONTACT (if app	plicable):					
Name:		E-mail:				
Address:		City:	Zip:			
Daytime Phone:		Contractor R	Contractor Registration No.:			
LOCATION OF BUILDING	A/PREMISE: MIHP # of His	storic Property				
Is the Property Located w	vithin an Historic District?					
		nmental Easemer	Site Name at on the Property? If YES, include a r supporting this application.			
e ,	e, Record Plat, etc.?) If YE		quired as part of this Application? tion on these reviews as			
Building Number:	Street:					
Town/City:	Nearest	Cross Street:				
Lot: Bloc	:k: Subdivis	ion: Parce	əl:			
		-	fy that all supporting items lete Applications will not			
be accepted for review	= =	•	Shed/Garage/Accessory Structure			
New Construction	Deck/Porch		Solar			
Addition	Fence		Tree removal/planting			
Demolition	Hardscape/La	andscape	Window/Door			
Grading/Excavatio	n Roof		Other:			
I hereby certify that I have	ve the authority to make t	he foregoing appli	cation, that the application is correct			
and accurate and that th	ne construction will comply	y with plans reviev	ved and approved by all necessary			
agencies and hereby acl	knowledge and accept this	s to be a condition	for the issuance of this permit.			

11

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 Adjacent and confronting Property Owners mailing addresses

Description of Property: Please describe the building and surrounding environment. Include information on significant structures, landscape features, or other significant features of the property:

Description of Work Proposed: Please give an overview of the work to be undertaken:

Work Item 1:	
Description of Current Condition:	Proposed Work:
Work Item 2:	
Description of Current Condition:	Proposed Work:

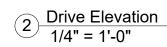
Work Item 3:		
Description of Current Condition:	Proposed Work:	

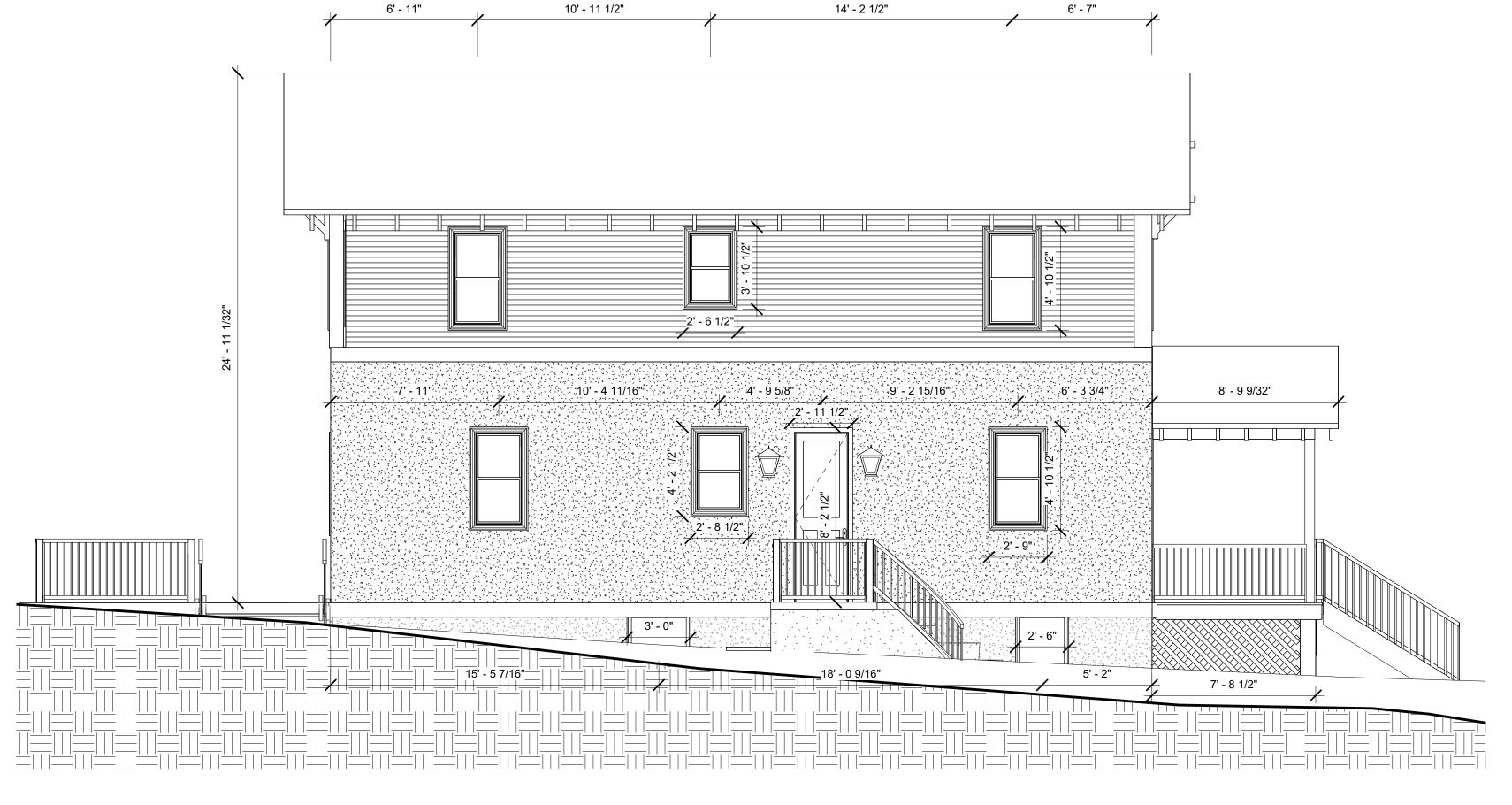
Work Item 4:	
Description of Current Condition:	Proposed Work:
Work Item 5:	
Description of Current Condition:	Proposed Work:

Work Item 6:		
Description of Current Condition:	Proposed Work:	

HISTORIC AREA WORK PERMIT CHECKLIST OF APPLICATION REQUIREMENTS

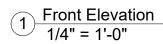
	Required Attachments						
Proposed Work	I. Written Description	2. Site Plan	3. Plans/ Elevations	4. Material Specifications	5. Photographs	6. Tree Survey	7. Property Owner Addresses
New Construction	*	*	*	*	*	*	*
Additions/ Alterations	*	*	*	*	*	*	*
Demolition	*	*	*		*		*
Deck/Porch	*	*	*	*	*	*	*
Fence/Wall	*	*	*	*	*	*	*
Driveway/ Parking Area	*	*		*	*	*	*
Grading/Exc avation/Land scaing	*	*		*	*	*	*
Tree Removal	*	*		*	*	*	*
Siding/ Roof Changes	*	*	*	*	*		*
Window/ Door Changes	*	*	*	*	*		*
Masonry Repair/ Repoint	*	*	*	*	*		*
Signs	*	*	*	*	*		*





3 Side Elevation 1/4" = 1'-0"









Scale: 1/4" = 1'-0"		
Date: 07/10/22	17	



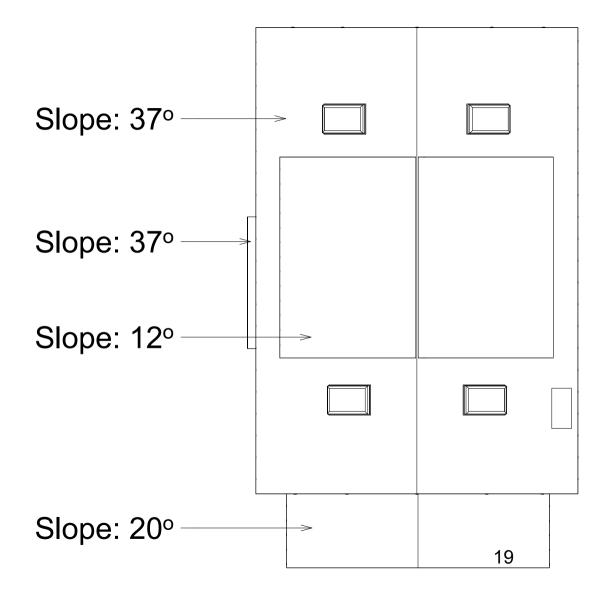


2 Drive Elevation 1/4" = 1'-0"

 $1 \frac{\text{Front Elevation}}{1/4" = 1'-0"}$

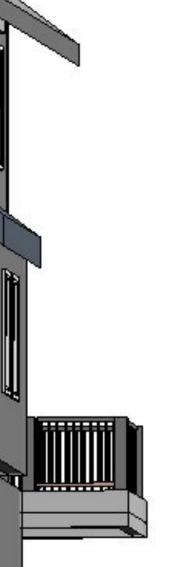
Scale: 1/4" = 1'-0" Date: 07/10/22 18

24 x 36



Orthogonal view from ~10' above right-of-way





7203 Cedar Ave Front Elevation Rendering Proposed 20



7203 Cedar Ave Front-left Orthogonal Proposed 21

Work Item 1: Front porch steps

The following photos show the existing, non-compliant front porch steps





Work Item 1: Front porch steps, con't

The following are examples of porch steps found within a 1-block radius of the subject property. The proposed steps will approximate such designs.



Work Item 2: Restored side stoop roof

Below are a photo of the existing left-side elevation to be compared to that in the proposed elevation drawing set.



The following pages include photos of existing windows for reference and manufacturer specifications of the proposed replacement sashes.

Typical windows with various non-original casings





Window condition All windows last painted in Q1 2022









Existing sash dimensions



Left/right stiles: 2 3/8" + ~1/8" lateral travel space on each side



<u>Top rail: 2 1/8"</u>

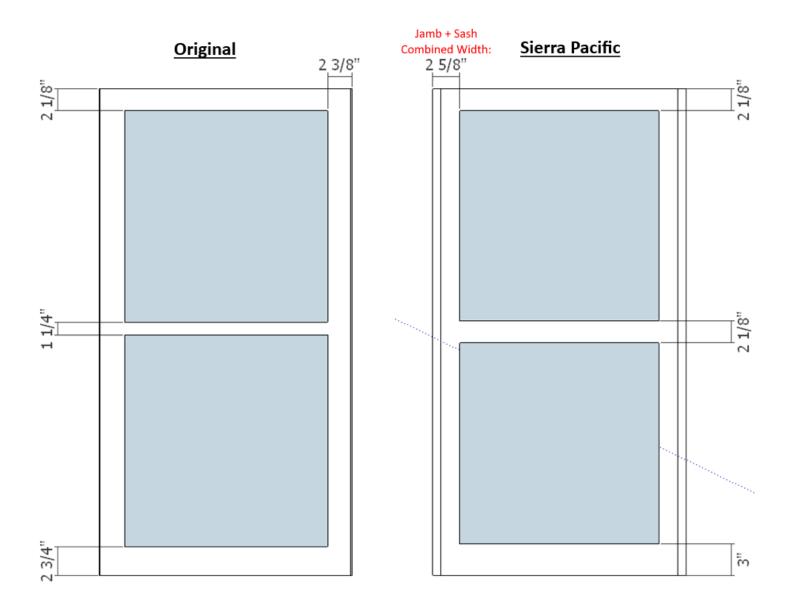


Bottom rail: 2 3/4" at interior edge of sloped sill



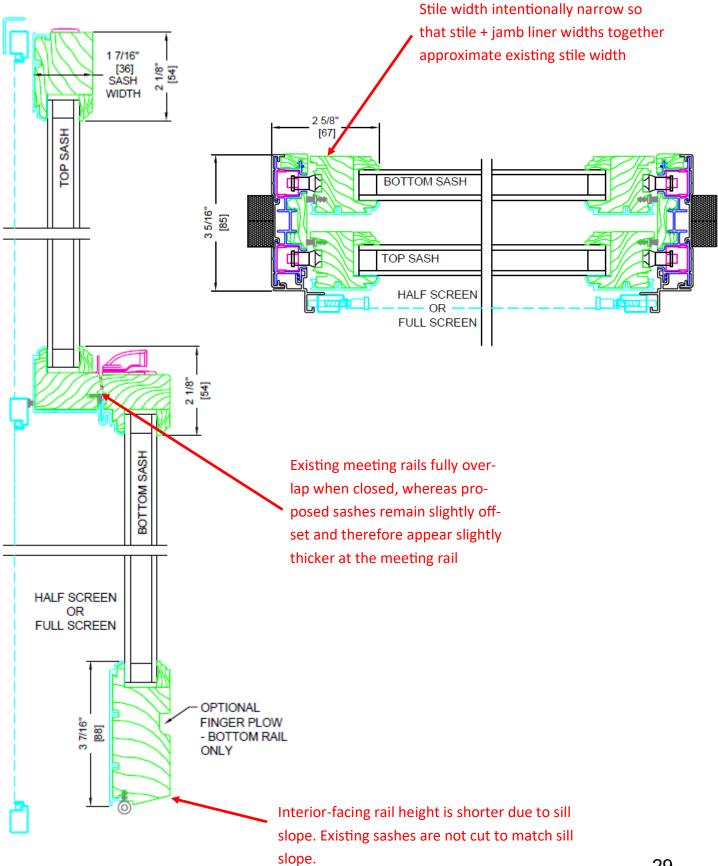
Meeting rail: 1 1/4"

Existing vs. Proposed Sash Elevations: Meeting rail appears taller due to offset of top and bottom sash rails, as shown on the next page.



Interior rail height is shorter due to sill slope. Existing sashes are not cut to match sill slope.

Proposed sash dimensions: vertical and horizontal sections



Below are photos of an example sash pack kit and similar replacement sashes in situ





Existing basement windows



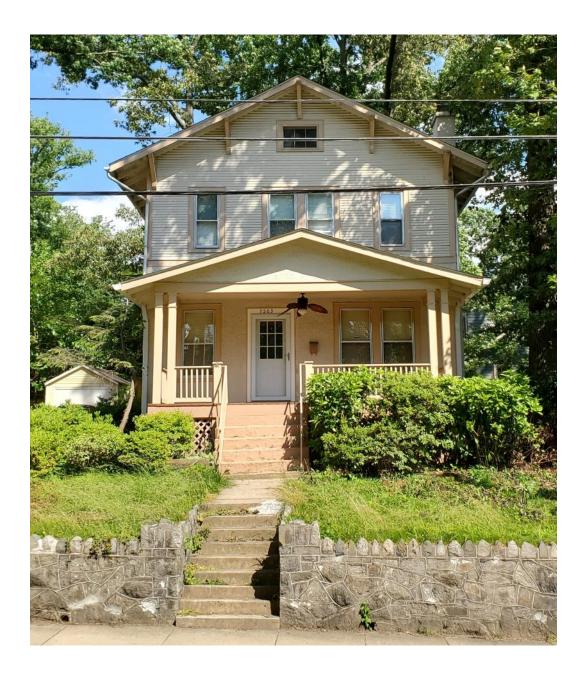
Work Item 4: Rear-facing doors/windows

Below is a photo of the existing rear fenestration to be compared to that in the proposed elevation drawing set.



Work Item 5: Modified roof pitch

Below is a photo of the existing front elevation to be compared to that in the proposed elevation drawing set.



Work Item 5: Modified roof pitch, con't

The following are examples of 2-story Craftsman houses with steeper roof pitches found within a 1-block radius of the subject property, including the next-door neighbor in the middle photo.



Work Item 6: Dormers and skylights

Below are photos of the existing side elevations to be compared to those in the proposed elevation drawing set. The right side elevation is impossible to photograph directly, so it is shown as completely as feasible.





Work Item 6: Dormers and skylights, con't

The following are examples of 2-story Craftsman houses with dormers within 1-block radius of the subject property, including the next-door neighbor.



7201 Cedar Ave



212 Tulip Ave showing one of two dormers



Photo taken from subject property of shed dormer at 210 Tulip Ave in foreground and gable dormer 214 Tulip Ave beyond





CERTIFICATE OF ANALYSIS



Chain of Custody:	637881	Job Name:	7203 Cedes Avenue	Date Submitted:	07/18/2022
Client:	Lead Inspection Services	Job Location:	Not Provided	Date Analyzed:	07/19/2022
Address:		Job Number:	Not Provided	Report Date:	07/19/2022
	District Heights, MD 20747	P.O. Number:	Not Provided	Date Sampled:	07/14/2022
Attention:	Ron Childs			Person Submitting:	Ron Childs

Summary of Atomic Absorption Analysis for Lead

AMA Sample Number	Client Sample Number	Analysis Type	Sample Type	Area Wiped (ft ²)	Reporting Limit	Total ug	Final Result	Comments
637881-1	7203-01 LIV/DIN WS Windowsill	Flame AA	Wipe	0.6875	15 ug/sqft	1330	1900 ug/sqft	
637881-2	7203-02 LIV/DIN FL	Flame AA	Wipe	2.0	5 ug/sqft	32.1	16 ug/sqft	
637881-3	7203-03 BR2 WS Windowsill	Flame AA	Wipe	0.5625	18 ug/sqft	71.3	130 ug/sqft	
637881-4	7203-04 BR5 WS Windowsill	Flame AA	Wipe	0.5625	18 ug/sqft	3220	5700 ug/sqft	
637881-5	7203-05 BASE PLAY RM FL	Flame AA	Wipe	2.0	<mark>5</mark> ug/sqft	273	140 ug/sqft	
637881-6	7203-06 BLANK	Flame AA	Wipe	0.0	10 ug	<10.0	<10 ug	

Analysis Method for Flame: Air, Wipes, Paints, and Soil/Solids: EPA 600/R-93/200(M)-7000B; Water: SM-3111B Analysis Method For Furnace: Air, Wipes, Paints, and Soil/Solids : EPA 600/R-93/200(M)-7010; Water: SM-3113B N/A = Not

Applicable mg/Kg = parts per million (ppm) on a dry weight basis mg/L = parts per million (ppm) %Pb = percent lead on adry weight basis ug = micrograms ug/L = parts per billion (ppb)

Note: All samples were received in good condition unless otherwise noted.

Note: All results have two significant digits. Any additional digits shown should not be considered when interpreting the result.

See QC Summary for analytical results of guality control samples associated with these samples.

Air and Wipe results are not corrected for any blank results. Final results for air and wipe samples are based on client supplied information not verified by this laboratory.

All results are to be considered preliminary and subject to change unless signed by the Technical Director or Deputy.

Analyst(s): George Land

Technical Jean-Paul Littleton Director

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public, and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations, and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise reguested by the client. This report must not be used to claim, and does not imply product certification, approval, or endorsement by NY ELAP, AIHA-LAP, or any agency of the Federal Government. All rights reserved. AMA Analytical Services, Inc.

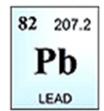


QC Summary for SDG #72551

Overview				Samples Included		
Analysis Type: Flame AA Sample Type: Wipe Analysis Date: 07/19/2022				637881-1 637881-2 637	881-3 637881-4 6378	381-5 637881-6
Preparation Blank 🗸	Report Limit	Vertification Sample	Duplicates		Matrix Spik	e Analysis
Result: -0.034 ppm	Percent Reco	very: %	RPD: N/A			nple Percent Recovery: N/A cate Percent Recovery: N/A
Matrix Blank	~	Laboratory Control Sample #2	L 🗸	Laboratory Control Sam	ple #2 🗸	Reference Sample
Result: 0.018 ppm		Percent Recovery: 95.0%		Percent Recovery: 95.90)%	Percent Recovery: N/A
Calibration Curve	~	Serial Dilution / Bench Spike		Notes		
Correlation: 0.999784 Serial Dilution RPD: N/A Bench Spike Percent Recovery: N/A					rification Sample for v	d with this sample group was not spiked. A wipe samples for this analysis date can be

1/1

AMA Analy AIHA (#100470) NVLAP (#10 4475 Forbes Blvd. • Lanham, I (301) 459-2640 • (800) 346-09 www.amalab.com Mailing/Billing Informati	MD 20706 161 • Fax (301) 459-2643	<u> </u>		LEAD (STODY	24.4	arrival	signed upon at lab.)	#6	3788
Client Name: Lead Inspect						Job Name:		120	3 C	ZAAC	Ave	•
Address: 1407 Fernhill Ct	1 a					Job Location						
Address: District Heights, M	ID 20747					Job #:			P.O. #	:		
Address:						Point of Cont	act:			Phone	#:	
Phone #: 202-438-3586	Fax #:						:					
R	Reporting Info (Results prov	vided as soon as	technically f	easible). If no	TAT/Reportin	ng Info is pro	vided, AMA w	ill assign de	faults of 5-Day	y & email/fax	to contacts of file	2.
	TI	URN AROUND	TIME (TA	AT):						REPOI	RT TO:	
After Hours (mu	ist be pre-scheduled)			Normal Bu	siness Hours			□ Include CO	DC/Field Data	Sheets with Re	eport	
□ Immediate Date D	ue:	□ Immediate	C	3-Day	🗆 Result	s Required by	Noon	🗆 Email:				
□ 24 Hours Time:		Next Day		1 5-Day +	lialaa			□ Fax:				
Comments:		□ 2-Day	D	Due Date: 7	19/22			□ Verbals _			2040010-001-0010-0016-0016-00	And the second second second second
					Sample	Туре					1	
Paint Chip(QTY) 🗆 Air	(QTY)			□ Soil/Solid		TY)		Dust Wipe	(wipe type	6) (QTY)
D TCLP (QTY		g Water	(QTY)		D Waste Wate	r	(QTY)		□ Furnace (N	ledia type)(QTY)
*If field data shee	ets are submitted, there is no	need to complete	bottom section	on	0th	H samples rec	eived in good c	ondition unle	ss otherwise n	oted.		
		Information			V		Analysis				Client Cor	ntact
	T			1			Paint Chip or		Water &		(Laboratory St	off Only)
Sample Number	Sample Collection Loc			Volume (L)		Air	Soil/Solid	Dust	Other		(Laboratory St	
7203-01	Liv/Din Rm		714		33×3			x		Date/Time:	Contact:	By:
7203-02	Liv/Din Rom f				12×24			х				
7203-03	Bar 2 3:11 1	vall B			27×3			x				
7203-04	Bel 5 sill 1	Wall A			27×3			х				
7203-05	Basement PlA	vroom			12/24			x		Date/Time:	Contact:	By:
	FLOOC	1			1 24			x				
7203-06	Blank							x				
								x				
		A DESCRIPTION OF THE OWNER						x		Date/Time:	Contact:	By:
					1			x				
					1			x	1			
							1 da	x		1	T	
	1. Date/Time RCVD:	18 12	2 @ 04			y (print):	-CA	3	s	ign:	\mathcal{N}	
LABORATORV STAFE	2. Date/Time Analyzed:		@@	By (print		, (p)			Sign:			
ONLY: (CUSTODY)	3. Results/Reported To:				Vi	a:	Da	ate: /	/	Time:	Initia	ls:
,												
	4. Comments:											



Ronald Childs MDE Lic. # 17573 1407 Fernhill Court District Heights, MD 20747 **INSPECTION SITE:** Mark Foster 7203 Cedar Ave Takoma Park, MD 20912 Year Built: 1918 INSPECTION DATE: 7/14/2022 - 7/14/2022 **INSTRUMENT TYPE:** Viken Detection Pb200i XRF Lead Paint Analyzer 2215 Compare this value to test results on following pages 0.7 (mg/cm²) ACTION LEVEL: Job ID: 7203 STATEMENT: The inspection verified the presence of lead based paint on interior and exterior components. The calibration readings are to ensure the device is working properly.

 Inspection Date:
 7/14/2022 - 7/14/2022

 Action Level:
 0.7 (mg/cm²)

 Total Readings:
 135

 Unit Started:
 07/14/2022 15:10:57

 Unit Ended:
 07/14/2022 16:52:46

Inspection Site:

Read #	Result	COMPONEN	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	FLOOR OTHER MISC.	Lead (mg/cm ²)	Mode
1 (CAL)				CALI					1.0 mg/cm ²	Action Level
2 (CAL)				CALI					1.0 mg/cm ²	Action Level
3 (CAL)				CALI					1.0 mg/cm ²	Action Level
4 (CAL)				CALI					0.0 mg/cm ²	Action Level
5 (CAL)				CALI					0.0 mg/cm ²	Action Level
6 (CAL)				CALI					0.0 mg/cm ²	Action Level
7	NEG	WALL	DRYWALL	А	GOOD	WHITE	LIVE ROOM	FIRST	0.2 mg/cm ²	Action Level
8	NEG	WALL	DRYWALL	В	GOOD	WHITE	LIVE ROOM	FIRST	0.0 mg/cm ²	Action Level
9	NEG	WALL	DRYWALL	С	GOOD	WHITE	LIVE ROOM	FIRST	0.1 mg/cm ²	Action Level
10	NEG	WALL	DRYWALL	D	GOOD	WHITE	LIVE ROOM	FIRST	0.1 mg/cm ²	Action Level
11	POS	BASEBOARD	WOOD	D	GOOD	WHITE	LIVE ROOM	FIRST	0.7 mg/cm ²	Action Level
12	POS	WINDOW SILL	WOOD	A	GOOD	WHITE	LIVE ROOM	FIRST	1.0 mg/cm ²	Action Level
13	NEG	WINDOW CASE	WOOD	A	GOOD	WHITE	LIVE ROOM	FIRST	0.0 mg/cm ²	Action Level
14	POS	WINDOW SASH	WOOD	A	GOOD	WHITE	LIVE ROOM	FIRST	1.2 mg/cm ²	Action Level
15	NEG	DOOR CASE	WOOD	A	GOOD	WHITE	LIVE ROOM	FIRST	0.0 mg/cm ²	Action Level
16	NEG	DOOR JAMB	WOOD	A	GOOD	WHITE	LIVE ROOM	FIRST	0.0 mg/cm ²	Action Level
17	NEG	WALL	WOOD	A	GOOD	WHITE	DEN	FIRST	0.4 mg/cm ²	Action Level
18	NEG	WALL	WOOD	В	GOOD	WHITE	DEN	FIRST	0.4 mg/cm ²	Action Level

 Inspection Date:
 7/14/2022 - 7/14/2022

 Action Level:
 0.7 (mg/cm²)

 Total Readings:
 135

 Unit Started:
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 07/14/2022 16:52:46

Inspection Site:

Read #	Result	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	FLOOR OTHER MISC.	Lead (mg/cm ²)	Mode
19	NEG	WALL	WOOD	D	GOOD	WHITE	DEN	FIRST	0.5 mg/cm ²	Action Level
20	NEG	WALL	WOOD	С	GOOD	WHITE	DEN	FIRST	0.5 mg/cm ²	Action Level
21	NEG	WALL	WOOD	A	GOOD	WHITE	DEN	FIRST	0.4 mg/cm ²	Action Level
22	NEG	WINDOW SILL	WOOD	A	GOOD	WHITE	DEN	FIRST	0.1 mg/cm ²	Action Level
23	POS	WINDOW SASH	WOOD	A	GOOD	WHITE	DEN	FIRST	1.2 mg/cm ²	Action Level
24	NEG	WINDOW CASE	WOOD	A	GOOD	WHITE	DEN	FIRST	0.2 mg/cm ²	Action Level
25	POS	WINDOW SILL	WOOD	D	GOOD	WHITE	DEN	FIRST	2.9 mg/cm ²	Action Level
26	POS	WINDOW CASE	WOOD	D	GOOD	WHITE	DEN	FIRST	2.0 mg/cm ²	Action Level
27	POS	WINDOW SASH	WOOD	D	GOOD	WHITE	DEN	FIRST	3.3 mg/cm ²	Action Level
28	NEG	WALL	PANELING	D	GOOD	WHITE	DINE ROOM	FIRST	0.2 mg/cm ²	Action Level
29	NEG	WALL	PANELING	С	GOOD	WHITE	DINE ROOM	FIRST	0.1 mg/cm ²	Action Level
30	NEG	WALL	PANELING	С	GOOD	WHITE	DINE ROOM	FIRST	0.1 mg/cm ²	Action Level
31	NEG	WALL	PANELING	В	GOOD	WHITE	DINE ROOM	FIRST	0.2 mg/cm ²	Action Level
32	NEG	WALL	PANELING	A	GOOD	WHITE	DINE ROOM	FIRST	0.1 mg/cm ²	Action Level
33	POS	BASEBOARD	WOOD	A	GOOD	WHITE	DINE ROOM	FIRST	2.2 mg/cm ²	Action Level
34	NEG	BASEBOARD	WOOD	С	GOOD	WHITE	KITCHEN	FIRST	0.0 mg/cm ²	Action Level
35	NEG	WINDOW SILL	WOOD	В	GOOD	WHITE	KITCHEN	FIRST	0.0 mg/cm ²	Action Level
36	POS	WINDOW SASH	WOOD	В	GOOD	WHITE	KITCHEN	FIRST	3.5 mg/cm ²	Action Level

 Inspection Date:
 7/14/2022 - 7/14/2022

 Action Level:
 0.7 (mg/cm²)

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 135

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 07/14/2022 16:52:46

Inspection Site:

Read #	Result	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	FLOOR OTHER MISC.	Lead (mg/cm ²)	Mode
37	NEG	WINDOW CASE	WOOD	В	GOOD	WHITE	KITCHEN	FIRST	0.0 mg/cm ²	Action Level
38	NEG	WINDOW CASE	WOOD	В	GOOD	WHITE	BATH	FIRST	0.1 mg/cm ²	Action Level
39	POS	WINDOW SASH	WOOD	В	GOOD	WHITE	BATH	FIRST	11.5 mg/cm ²	Action Level
40	NEG	WINDOW SILL	WOOD	В	GOOD	WHITE	BATH	FIRST	0.0 mg/cm ²	Action Level
41	NEG	BASEBOARD	WOOD	В	GOOD	WHITE	BATH	FIRST	0.1 mg/cm ²	Action Level
42	NEG	WALL	DRYWALL	В	GOOD	WHITE	BATH	FIRST	0.0 mg/cm ²	Action Level
43	NEG	WALL	DRYWALL	С	GOOD	WHITE	BATH	FIRST	0.0 mg/cm ²	Action Level
44	NEG	WALL	DRYWALL	D	GOOD	WHITE	BATH	FIRST	0.0 mg/cm ²	Action Level
45	NEG	WALL	DRYWALL	A	GOOD	WHITE	BATH	FIRST	0.0 mg/cm ²	Action Level
46	POS	DOOR JAMB	DRYWALL	D	GOOD	WHITE	BATH	FIRST	12.4 mg/cm ²	Action Level
47	NEG	DOOR CASE	DRYWALL	D	GOOD	WHITE	BATH	FIRST	0.0 mg/cm ²	Action Level
48	POS	DOOR	DRYWALL	D	GOOD	WHITE	BATH	FIRST	13.3 mg/cm ²	Action Level
49	POS	DOOR	WOOD	A	GOOD	WHITE	BED 1	FIRST	21.7 mg/cm ²	Action Level
50	POS	DOOR CASE	WOOD	A	GOOD	WHITE	BED 1	FIRST	10.6 mg/cm ²	Action Level
51	POS	WINDOW SILL	WOOD	С	GOOD	WHITE	BED 1	FIRST	12.6 mg/cm ²	Action Level
52	POS	WINDOW CASE	WOOD	С	GOOD	WHITE	BED 1	FIRST	10.5 mg/cm ²	Action Level
53	POS	WINDOW SASH	WOOD	С	GOOD	WHITE	BED 1	FIRST	10.2 mg/cm ²	Action 1Leve
54	POS	BASEBOARD	WOOD	С	GOOD	WHITE	BED 1	FIRST	12.3 mg/cm ²	Action Level

 Inspection Date:
 7/14/2022 - 7/14/2022

 Action Level:
 0.7 (mg/cm²)

 Total Readings:
 135

 Unit Started:
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 07/14/2022 16:52:46

Inspection Site:

Read #	Result	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	FLOOR	OTHER MISC.	Lead (mg/cm ²)	Mode
55	POS	DOOR	WOOD	A	GOOD	WHITE	BED 1	FIRST	CLOSET	17.5 mg/cm ²	Action Level
56	NEG	WALL	WOOD	А	GOOD	WHITE	BED 1	FIRST	CLOSET	0.2 mg/cm ²	Action Level
57	NEG	WALL	WOOD	В	GOOD	WHITE	BED 1	FIRST	CLOSET	0.0 mg/cm ²	Action Level
58	NEG	WALL	WOOD	С	GOOD	WHITE	BED 1	FIRST	CLOSET	0.0 mg/cm ²	Action Level
59	NEG	WALL	DRYWALL	С	GOOD	WHITE	BED 1	FIRST	CLOSET	0.4 mg/cm ²	Action Level
60	NEG	WALL	DRYWALL	В	GOOD	WHITE	BED 1	FIRST	CLOSET	0.3 mg/cm ²	Action Level
61	NEG	WALL	DRYWALL	D	GOOD	WHITE	BED 1	FIRST	CLOSET	0.4 mg/cm ²	Action Level
62	NEG	WALL	DRYWALL	A	GOOD	WHITE	BED 1	FIRST	CLOSET	0.2 mg/cm ²	Action Level
63	NEG	STRINGER	WOOD	A	GOOD	WHITE	STAIRS			0.3 mg/cm ²	Action Level
64	NEG	WALL	WOOD	A	GOOD	WHITE	BED 3	SECOND		0.0 mg/cm ²	Action Level
65	NEG	WALL	WOOD	С	GOOD	WHITE	BED 3	SECOND		0.0 mg/cm ²	Action Level
66	NEG	WALL	WOOD	С	GOOD	WHITE	BED 3	SECOND		0.0 mg/cm ²	Action Level
67	NEG	WINDOW SILL	WOOD	С	GOOD	WHITE	BED 3	SECOND		0.0 mg/cm ²	Action Level
68	NEG	WINDOW SASH	WOOD	С	GOOD	WHITE	BED 3	SECOND		0.2 mg/cm ²	Action Level
69	NEG	WINDOW SASH	WOOD	С	GOOD	WHITE	BED 3	SECOND		0.0 mg/cm ²	Action Level
70	POS	WINDOW WELL	WOOD	D	GOOD	WHITE	BED 3	SECOND		19.2 mg/cm ²	Action Level
71	POS	DOOR JAMB	WOOD	D	GOOD	WHITE	BED 3	SECOND		18.1 mg/cm ²	Action Level
72	NEG	WINDOW SASH	WOOD	D	GOOD	WHITE	BED 3	SECOND		0.2 mg/cm ²	Action Level

 Inspection Date:
 7/14/2022 - 7/14/2022

 Action Level:
 0.7 (mg/cm²)

 Total Readings:
 135

 Unit Started:
 07/14/2022 15:10:57

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 07/14/2022 16:52:46

Inspection Site:

Read #	Result	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	FLOOR	OTHER MISC.	Lead (mg/cm ²)	Mode
73	POS	WINDOW SASH	WOOD	В	GOOD	WHITE	BED 2	SECOND		14.9 mg/cm ²	Action Level
74	POS	WINDOW WELL	WOOD	В	GOOD	WHITE	BED 2	SECOND		30.0 mg/cm ²	Action Level
75	NEG	WINDOW CASE	WOOD	В	GOOD	WHITE	BED 2	SECOND		0.0 mg/cm ²	Action Level
76	NEG	DOOR	WOOD	A	GOOD	WHITE	BED 2	SECOND		0.0 mg/cm ²	Action Level
77	NEG	CROWN MOLDING	WOOD	A	GOOD	WHITE	BED 2	SECOND		0.0 mg/cm ²	Action Level
78	NEG	CROWN MOLDING	WOOD	A	GOOD	WHITE	BED 2	SECOND		0.0 mg/cm ²	Action Level
79	NEG	WINDOW SILL	WOOD	D	GOOD	WHITE	BED 4	SECOND		0.2 mg/cm ²	Action Level
80	NEG	WINDOW CASE	WOOD	D	GOOD	WHITE	BED 4	SECOND		0.2 mg/cm ²	Action Level
81	NEG	WINDOW SASH	WOOD	D	GOOD	WHITE	BED 4	SECOND		0.4 mg/cm ²	Action Level
82	NEG	BASEBOARD	WOOD	D	GOOD	WHITE	BED 4	SECOND		0.1 mg/cm ²	Action Level
83	NEG	WALL	DRYWALL	D	GOOD	WHITE	BED 4	SECOND		0.3 mg/cm ²	Action Level
84	NEG	DOOR	WOOD	В	GOOD	WHITE	BED 4	SECOND		0.2 mg/cm ²	Action Level
85	NEG	DOOR	WOOD	С	GOOD	WHITE	BED 4	SECOND		0.1 mg/cm ²	Action Level
86	POS	WALL	DRYWALL	В	GOOD	WHITE	BED 4	SECOND	CLOSET	8.2 mg/cm ²	Action Level
87	POS	WALL	DRYWALL	С	GOOD	WHITE	BED 4	SECOND	CLOSET	6.1 mg/cm ²	Action Level
88	POS	WALL	DRYWALL	D	GOOD	WHITE	BED 4	SECOND	CLOSET	8.5 mg/cm ²	Action Level
89	NEG	WALL	WOOD	D	FAIR	WHITE	BED 5	SECOND	CLOSET	0.0 mg/cm ²	Action Level
90	NEG	WALL	WOOD	D	FAIR	WHITE	BED 5	SECOND	CLOSET	0.1 mg/cm ²	Action Level

 Inspection Date:
 7/14/2022 - 7/14/2022

 Action Level:
 0.7 (mg/cm²)

 Total Readings:
 135

 Unit Started:
 07/14/2022 15:10:57

 Unit Ended:
 07/14/2022 16:52:46

Inspection Site:

Read #	Result	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	FLOOR	OTHER MISC.	Lead (mg/cm ²)	Mode
91	POS	WALL	WOOD	D	FAIR	WHITE	BED 5	SECOND	CLOSET	1.4 mg/cm ²	Action Level
92	POS	WINDOW JAMB	WOOD	А	FAIR	WHITE	BED 5	SECOND	CLOSET	15.4 mg/cm ²	Action Level
93	POS	WINDOW WELL	WOOD	A	FAIR	WHITE	BED 5	SECOND	CLOSET	16.6 mg/cm ²	Action Level
94	NEG	WINDOW SASH	WOOD	A	FAIR	WHITE	BED 5	SECOND	CLOSET	0.5 mg/cm ²	Action Level
95	NEG	WINDOW SILL	WOOD	A	FAIR	WHITE	BED 5	SECOND	CLOSET	0.1 mg/cm ²	Action Level
96	NEG	WALL	DRYWALL	A	FAIR	GREEN	BED 5	SECOND	CLOSET	0.2 mg/cm ²	Action Level
97	POS	WALL	DRYWALL	CEILING		WHITE	BED 5	SECOND	CLOSET	6.9 mg/cm ²	Action Level
98	NEG	WALL	DRYWALL	A	GOOD	WHITE	BED 5	SECOND		0.3 mg/cm ²	Action Level
99	NEG	WINDOW SILL	WOOD	A	GOOD	WHITE	BED 5	SECOND		0.1 mg/cm ²	Action Level
100	NEG	WINDOW SASH	WOOD	A	GOOD	WHITE	BED 5	SECOND		0.3 mg/cm ²	Action Level
101	NEG	WINDOW CASE	WOOD	A	GOOD	WHITE	BED 5	SECOND		0.1 mg/cm ²	Action Level
102	NEG	WINDOW CASE	WOOD	В	GOOD	WHITE	BED 5	SECOND		0.2 mg/cm ²	Action Level
103	NEG	DOOR	WOOD	С	GOOD	WHITE	BED 5	SECOND		0.2 mg/cm ²	Action Level
104	NEG	RAD COVER	WOOD	D	GOOD	WHITE	BATH	SECOND		0.0 mg/cm ²	Action Level
105	NEG	RAD COVER	WOOD	D	GOOD	WHITE	BATH	SECOND		0.0 mg/cm ²	Action Level
106	POS	WINDOW SASH	WOOD	В	GOOD	WHITE	BATH	SECOND		10.6 mg/cm ²	Action Level
107	NEG	WINDOW SILL	WOOD	В	GOOD	WHITE	BATH	SECOND		0.1 mg/cm ²	Action Level
108	NEG	WINDOW CASE	WOOD	В	GOOD	WHITE	BATH	SECOND		0.1 mg/cm ²	Action Level

 Inspection Date:
 7/14/2022 - 7/14/2022

 Action Level:
 0.7 (mg/cm²)

 Total Readings:
 135

 Unit Started:
 07/14/2022 15:10:57

 Unit Ended:
 07/14/2022 16:52:46

Inspection Site:

Read #	Result	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	FLOOR	OTHER I	MISC.	Lead (mg/cm ²)	Mode
109	NEG	DOOR	WOOD	D	GOOD	WHITE	BATH	SECOND			0.0 mg/cm ²	Action Level
110	NEG	DOOR JAMB	WOOD	D	GOOD	WHITE	BATH	SECOND			0.1 mg/cm ²	Action Level
111	NEG	WALL	CONCRETE	D	GOOD	WHITE	BASEMENT	BSMT	STORAGE		0.4 mg/cm ²	Action Level
112	NEG	WALL	CONCRETE	A	GOOD	WHITE	BASEMENT	BSMT	STORAGE		0.3 mg/cm ²	Action Level
113	NEG	WALL	CONCRETE	FLOOR	GOOD	GREY	BASEMENT	BSMT	STORAGE		0.5 mg/cm ²	Action Level
114	NEG	WALL	CONCRETE	FLOOR		GREY	BASEMENT	BSMT	STORAGE		0.6 mg/cm ²	Action Level
115	NEG	WALL	CONCRETE	FLOOR	GOOD	GREY	BASEMENT	BSMT	STORAGE		0.6 mg/cm ²	Action Level
116	POS	STAIR TREAD	WOOD	FLOOR	FAIR	GREY	BASEMENT	BSMT			0.8 mg/cm ²	Action Level
117	POS	STAIR TREAD	WOOD	FLOOR	FAIR	GREY	BASEMENT	BSMT			7.5 mg/cm ²	Action Level
118	NEG	SUP. COLUMN	WOOD		FAIR	WHITE	BASEMENT	BSMT			0.0 mg/cm ²	Action Level
119	NEG	SUP. COLUMN	METAL		FAIR	GREY	BASEMENT	BSMT			0.1 mg/cm ²	Action Level
120	NEG	WALL	CONCRETE	A	POOR	YELLOW	EXTERIOR		S	stucco	0.3 mg/cm ²	Action Level
121	NEG	WALL	CONCRETE	A	POOR	YELLOW	EXTERIOR		S	stucco	0.2 mg/cm ²	Action Level
122	POS	WINDOW CASE	WOOD	A	FAIR	ORANGE	EXTERIOR		S	stucco	22.1 mg/cm ²	Action Level
123	POS	WINDOW SILL	WOOD	A	FAIR	ORANGE	EXTERIOR		S	stucco	9.2 mg/cm ²	Action Level
124	POS	WALL	WOOD	A	FAIR	YELLOW	EXTERIOR				0.7 mg/cm ²	Action Level
125	POS	WALL	WOOD	A	FAIR	YELLOW	EXTERIOR				2.2 mg/cm ²	Action Level
126	POS	TRIM	WOOD	В	FAIR	ORANGE	EXTERIOR				2.0 mg/cm ²	Action Level

 Inspection Date:
 7/14/2022 - 7/14/2022

 Action Level:
 0.7 (mg/cm²)

 Total Readings:
 135

 Unit Started:
 07/14/2022 15:10:57

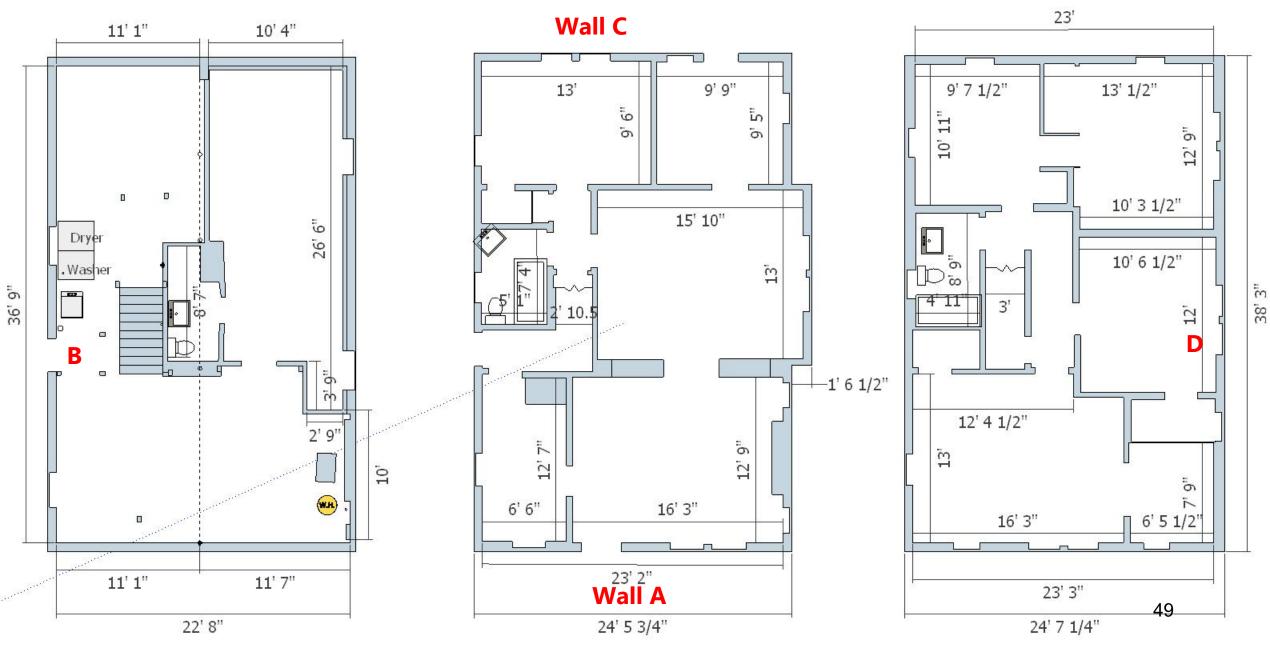
 Unit Ended:
 07/14/2022 16:52:46

Inspection Site:

Mark Foster 7203 Cedar Ave Takoma Park, MD 20912 Year Built: 1918

Read #	Result	COMPONENT	SUBSTRATE	SIDE	CONDITION	COLOR	ROOM TYPE	FLOOR	OTHER	MISC.	Lead (mg/cm ²)	Mode
127	NEG	CEILING JOIST	METAL	С	FAIR	ORANGE	EXTERIOR			deck framr	0.1 mg/cm ²	Action Level
128	NEG	CEILING JOIST	METAL	С	FAIR	ORANGE	EXTERIOR			deck framr	0.1 mg/cm ²	Action Level
129	NEG	WALL	CONCRETE	С	FAIR	ORANGE	EXTERIOR			deck framr	0.3 mg/cm ²	Action Level
130	NEG			CALI							0.9 mg/cm ²	Action Level
131	POS			CALI							0.9 mg/cm ²	Action Level
132	POS			CALI							1.0 mg/cm ²	Action Level
133	NEG			CALI							0.0 mg/cm ²	Action Level
134	NEG			CALI							0.0 mg/cm ²	Action Level
135	NEG			CALI							0.0 mg/cm ²	Action Level

----- END OF READINGS ------





PRODUCT DATA SHEET

Transcend Double Hung Sash Kits

If you are looking to upgrade your old, inefficient double hung windows, but the frames are still in good condition, here's the smartest, least expensive, most convenient way to replace them. Sierra Pacific easy-tilt replacement sash kits are sized to fit your existing sash opening and are easy to install. It's all accomplished from the inside of your home, without removing your existing frame, sill, interior or exterior trim.

Standard Construction:

- Constructed from heavy duty .055 extruded aluminum exterior, with a warm wood interior. Also available in an all wood exterior and interior finish.
- Concealed block-and-tackle balances. •
- Adjustable jambliner for superior installation and smoother operation. •
- Matching full or half screen option.
- Available in 50/50, 40/60, or 60/40 sash splits.

MINIMUM / MAXIMUM FRAME SIZES

Actual unit sizes based on existing sash opening (S.O.) measurements.						
CLAD DOUBLE HUNG SASH KIT						
Minimum S.O. Width	20"					
Minimum S.O. Height	34"					
Maximum S.O. Width	44"					
Maximum S.O. Height	78"					



How to Measure:

• Note: when measuring the height of the frame, open the bottom sash so the meeting rails clear each other Figure 1, this will allow your measuring tape to slide between the sash. OR

Remove each sash from the opening and then measure.

· Measure existing sash opening at three locations: Left, Center, Right for Height measurements Figure 1 AND

Top, Middle, Bottom for Width measurements Figure 2. Please Note: Width and Height measurements as shown in Figures 1 & 2, must be taken from the inside of wood frame to the inside of wood frame.

Record the measurements

• Use the smallest of three width and height sizes recorded for ordering.

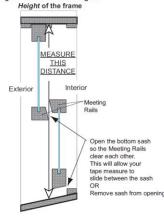


Figure 1 Shows measuring the

Figure 2 Shows measuring the Width of the frame







Thermal Performance (NFRC):

	Air Filled		Argon Filled					
Low-E 272 Clear	Low-E 366	Low-E 180/i89	Low-E 272 Clear	Low-E 366	Low-E 180/i89			
U-FACTOR0.33	U-FACTOR0.33	U-FACTOR0.29	U-FACTOR0.30	U-FACTOR0.30	U-FACTOR0.27			
SHGC0.20	SHGC0.20	SHGC0.44	SHGC0.30	SHGC0.20	SHGC0.45			
VT0.46	VT0.46	VT0.55	VT0.51	VT0.46	VT0.55			
CR55	CR55	CR43	CR58	CR59	CR46			

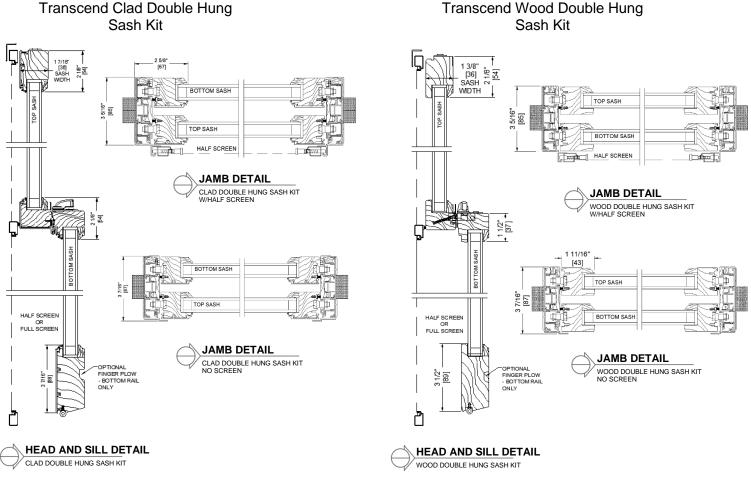
All values represent insulated glass in the Transcend Clad Double Hung Sash Kits using standard black warm edge spacer. Additional glazing options available.

For a comprehensive list of glazing configurations, please refer to the Transcend Double Hung Sash Kit Product Performance Guide (NFRC) located in the Technical Resources Library on our website.





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Additional product details may be found on our website www.sierrapacificwindows.com/ProfessionalResources/TechnicalLibrary

Sash Kit Contents

- Upper & Lower Sash
- Complete Left-Hand & Right-Hand Concealed Jambliner and Clip Assembly
- (4) Head & Sill Gaskets
- Head Parting Stop w/#6 x 1" Screws
- #8 x 1-1/2" Jambliner Installation Screws
- Installation Instruction



Double Hung Sash Kit Additional Features

- Color Palette of 75 colors in powder coated AAMA 2604, optional AAMA 2605.
- Extensive offering of performance glass available in black warm . edge or Cardinal spacer for optimum efficiency.
- Grille options including Simulated Divided Lites and Grilles-. Between-Glass.
- Factory finished Ultra Coat Paint or Ultra Stain interior.

Please visit our website www.sierrapacificwindows.com for additional details or to contact your nearest Sierra Pacific Branch or Dealer location.





Transcend Clad Double Hung

800.824.7744

SIERRAPACIFICWINDOWS.COM

VS/S/X Venting Skylight Technical Product Data Sheet

Description

 VS/VSS/VSE are Venting Deck Mount Skylights that mounts to the roof deck. Venting skylight, provided with various glazings, is manufactured with a white maintenance-free finish (or optional stain grade for VS/VSS) pine frame/sash and a neutral gray aluminum profile (optional copper for VS/VSE) with an insulated glass unit.

Installation

- Designated top, bottom, and sides for installation in one direction.
- Single unit applications or combination flashing for multiple skylight applications.
- 14 degrees to 85 degrees, use standard installation procedure.
- VS includes operating hook. Control rod (ZCT 300) and crank handle (ZZZ 212) available.
- VSS includes external acoustic rain sensor/solar panel and remote.
- VSE includes 20 feet of cord, internal rain sensor and remote.

Flashings

- EDL Engineered neutral gray flashing for single installation with thin roofing material (1/2" max) for roof pitches from 14-85 degrees.
- EDW Engineered neutral gray flashing for single installation with tile (over ³/₄") roofing material for roof pitches from 14-85 degrees.
- EDM Engineered neutral gray flashing for single installation with metal roof (1½"-1¾" max profile) for roof pitches from 14-85 degrees.
- EKL- Engineered neutral gray flashing for multiple skylights with thin roofing material (Max. 5/16") on roof pitches from 14 to 85 degrees.
- EKW Engineered neutral gray flashing for multiple skylights with high profile roofing material (Max. 3½") on roof pitches from 15 to 85 degrees.
- Applications less than 14-degree roof pitch flashing provided by others.

Interior Accessories

- FSCH Solar powered Room darkening double pleated shade.
- FSLH Solar powered Light filtering single pleated shade.

Type Sign

- Example: VSS C01 0004E 01BM05
- Located on top of interior frame cover.



Standard Sizes

- C01, C04, C06, C08, M02, M04, M06, M08, S01, S06
- No custom sizes available.

Warranty

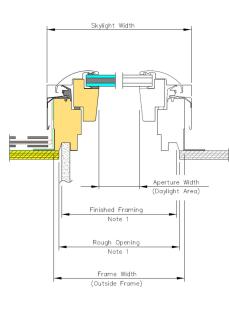
- Installation 10 years from the date of purchase; VELUX No Leak Warranty warrants skylight installation. Must be installed with VELUX flashings and included adhesive underlayment.
- Skylight 10 years from the date of purchase; VELUX warrants that the skylight will be free from defects in material and workmanship.
- Glass Seal 20 years from the date of purchase; VELUX warrants that the insulated glass pane will not develop a material obstruction of vision due to failure of the glass seal.
- Hail Warranty 10 years from the date of purchase; VELUX warrants only laminated glass panes against hail breakage.
- Accessories and Electrical Components 5 years from the date of purchase; VELUX warrants Velux shades and control systems will be free from defects in material and workmanship.

1





Cross Section



	Size	Rough Opening Width	Frame Width	Frame Aperture Width	Skylight Width	Rough Opening Height	Frame Height	Frame Aperture Height	Skylight Height	Daylight Area (Sq. Feet)
	C01	21	21 ½	16	22 ⁵ / ₁₆	26 ⁷ / ₈	27 ³ / ₈	20 ⁷ / ₁₆	28 ³ / ₈	2.27
	C04	21	21 ½	16	22 ⁵ / ₁₆	37 ⁷ / ₈	38 ³ / ₈	31 ⁷ / ₁₆	39 ³ / ₈	3.50
	C06	21	21 ½	16	22 ⁵ / ₁₆	45 ¾	46 ¼	39 ⁵ / ₁₆	47 ¼	4.38
	C08	21	21 ½	16	22 ⁵ / ₁₆	54 ⁷ / ₁₆	54 ⁵ / ₁₆	48	55 ⁵ / ₁₆	5.34
	M02	30 ¹ / ₁₆	30 ⁹ / ₁₆	25	31 ³ / ₈	30	30 ½	23 ⁹ / ₁₆	30	4.11
	M04	30 ¹ / ₁₆	30 ⁹ / ₁₆	25	31 ³ / ₈	37 ⁷ / ₈	38 ³ / ₈	31 ⁷ / ₁₆	39 ³ / ₈	5.48
	M06	30 ¹ / ₁₆	30 ⁹ / ₁₆	25	31 ³ / ₈	45 ¾	46 ¼	39 ⁵ / ₁₆	47 ¼	6.86
	M08	30 ¹ / ₁₆	30 ⁹ / ₁₆	25	31 ³ / ₈	54 ⁷ / ₁₆	54 ⁵ / ₁₆	48	55 ⁵ / ₁₆	8.36
	S01	44 ¼	44 ¾	39 ¼	45 %/ ₁₆	26 ⁷ / ₈	27 ³ / ₈	20 ⁷ / ₁₆	28 ³ / ₈	5.57
	S06	44 ¼	44 ¾	39 ¼	45 ⁹ / ₁₆	45 ¾	46 ¼	39 ⁵ / ₁₆	47 ¼	10.73

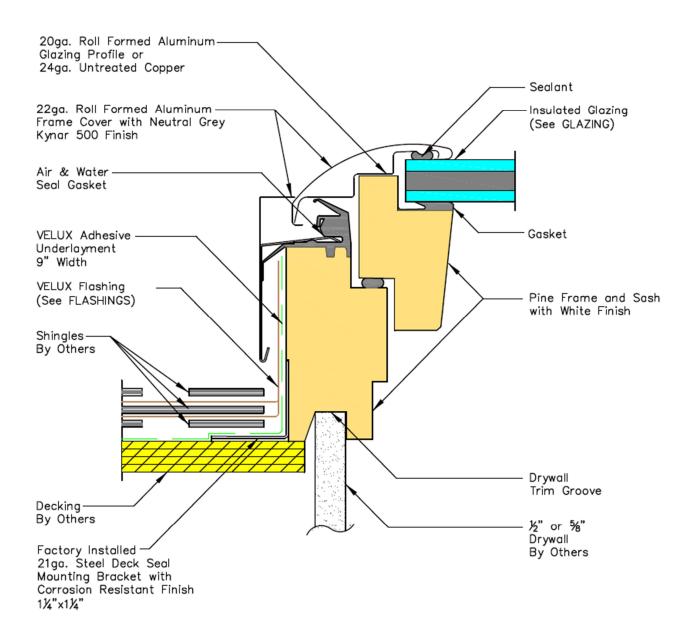
Glazings and Certification

Glazing	NFRC U-factor	NFRC SHGC	NFRC Vt	Hallmark 426-H-670	IAPMO-ES ER 199	Fla Prod Approval 13309	HVHZ	TDI
04 Laminated -2.3 mm laminated (0.76 mm interlayer) with tempered Low E366 outer pane.	0.43	0.23	0.53	\checkmark	\checkmark	\checkmark		SK-03
06 Impact – 2.3 mm laminated (2.28 mm interlayer) with tempered Low E366 outer pane for hurricane areas	0.41	0.23	0.53	\checkmark	\checkmark	\checkmark	\checkmark	SK-14
08 White laminated -2.3 mm Laminated (0.76mm white interlayer) with tempered Low E366 outer pane.	0.43	0.22	0.38	\checkmark	\checkmark	\checkmark		SK-03
10 Snowload- 3 mm I aminated (0.76 mm interlayer) with tempered Low E366 outer pane.	0.42	0.23	0.53	\checkmark				

Consult with Customer Service for special glazing options.

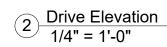
2

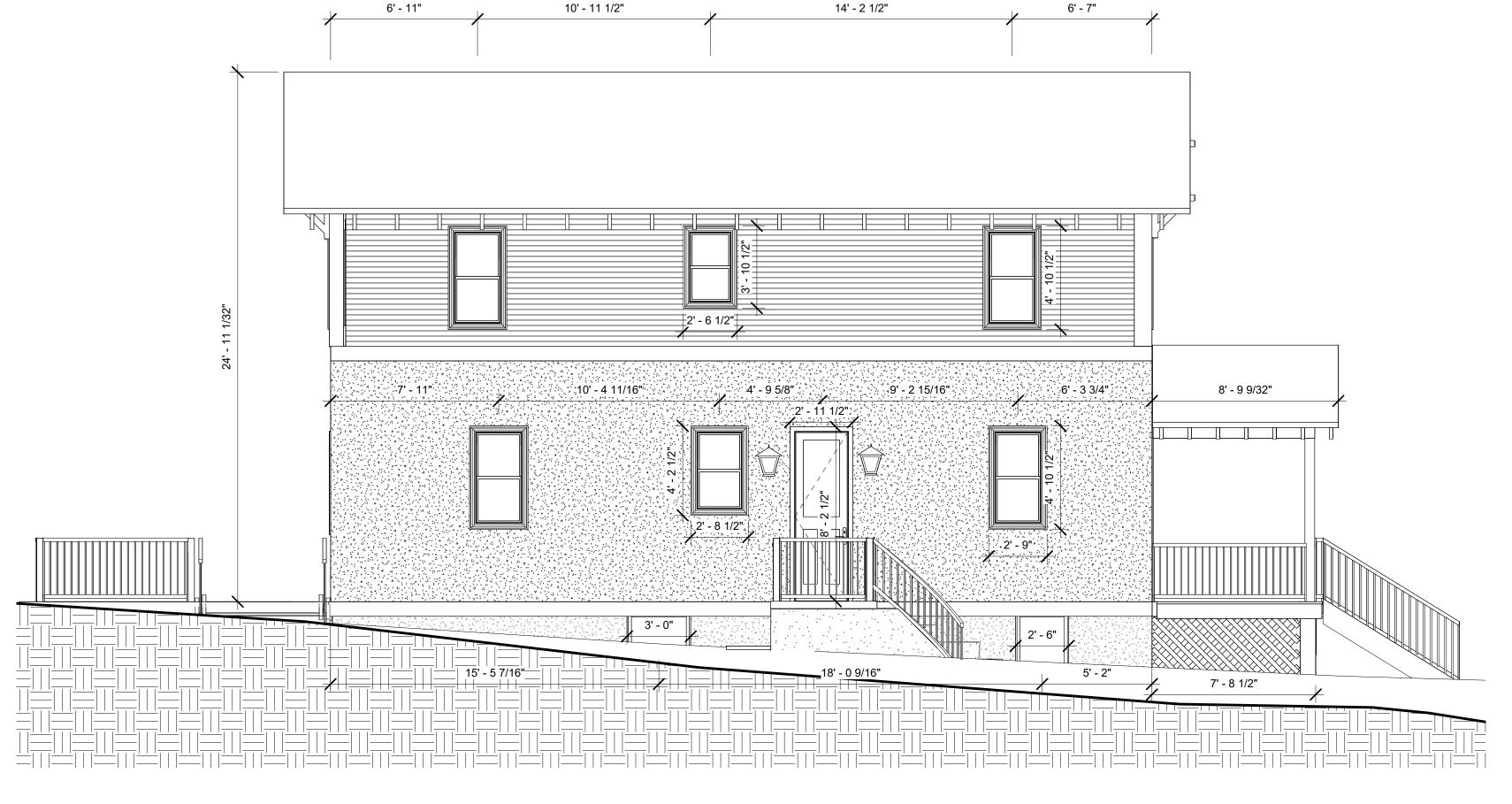




Corner keys made of ASA Luran in neutral grey finish.

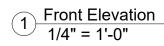
3

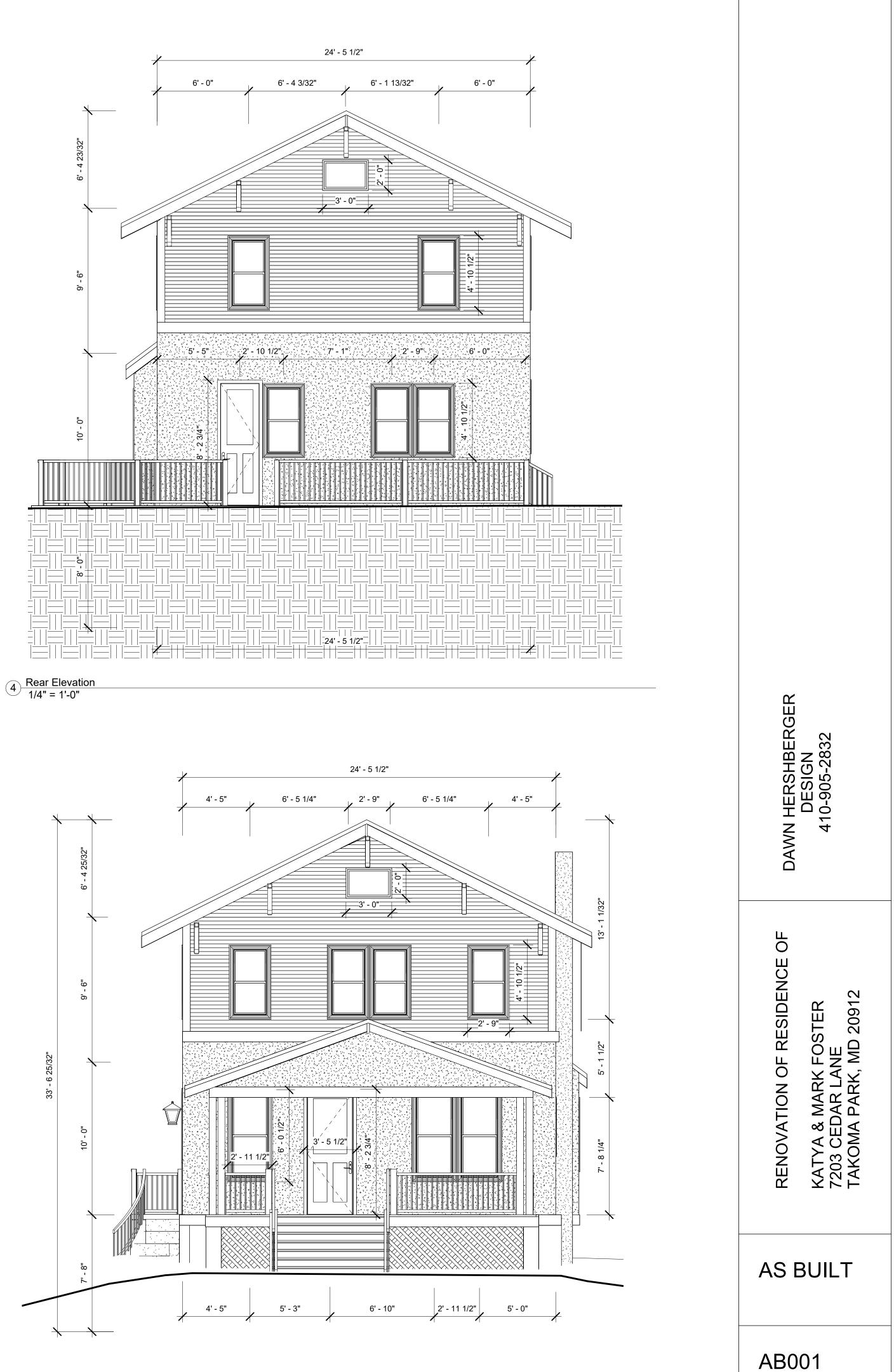




3 Side Elevation 1/4" = 1'-0"













2 Drive Elevation 1/4" = 1'-0"

 $1 \frac{\text{Front Elevation}}{1/4" = 1'-0"}$

Scale: 1/4" = 1'-0" Date: 07/10/22 57

24 x 36