

37/03-05R 7051 Eastern Ave
Takoma Park Historic District




THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

Date: April 28, 2005

MEMORANDUM

TO: Joy Jones

FROM: Michele Oaks, Senior Planner 
Historic Preservation Section

SUBJECT: Historic Area Work Permit Application # 379019

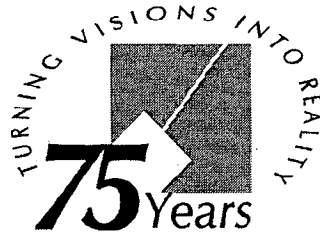
The Historic Preservation Commission at its April 27, 2005 meeting **approved** your Historic Area Work Permit application for window and awning replacement at 7051 Eastern Avenue, Takoma Park.

When you file for your building permit at DPS, if applicable, you must take with you the attached approval letter and the signed HAWP application. These forms are proof that the Historic Preservation Commission has reviewed your project. For further information about filing procedures or materials for your County building permit review, please call DPS at 240-777-6370.

If your project changes in any way from the approved plans, either before you apply for your building permit or even after the work has begun, please contact the Historic Preservation Commission staff at 301-563-3400.

Please also note that you must arrange for a field inspection for conformance with your approved HAWP plans. Please inform DPS/Field Services at 240-777-6210 or online at <http://permits.emontgomery.org> of your anticipated work schedule.

Thank you very much for your patience and good luck with your project!



THE MARYLAND-NATIONAL CAPITAL PARK & PLANNING COMMISSION

Date: April 28, 2005

MEMORANDUM

TO: Robert Hubbard, Director

FROM: Michele Oaks, Senior Planner
Historic Preservation Section

SUBJECT: Historic Area Work Permit # 379019

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **APPROVED** with a **condition**. The condition of approval is:

The specific design of the awning to be installed is approved by HPC staff prior to its installation.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE APPROVED HISTORIC AREA WORK PERMIT (HAWP).

Applicant: Joy Jones

Address: 7051 Eastern Avenue, Takoma Park Historic District

This HAWP approval is subject to the general condition that, after issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant will arrange for a field inspection by calling the Montgomery County DPS Field Services Office at 240-777-6210 or online at <http://permits.emontgomery.org> prior to commencement of work and not more than two weeks following completion of work.



RETURN TO: DEPARTMENT OF PERMITTING SERVICES
255 ROCKVILLE PIKE, 2nd FLOOR, ROCKVILLE, MD 20850
240/777-6370

JM Original

DPS-#1
RECEIVED
APR 01 2005

HISTORIC PRESERVATION COMMISSION
301/563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

DIV. OF CASE WORK MGMT.

Contact Person: _____
Daytime Phone No.: _____
Tax Account No.: 01057477
Name of Property Owner: Joy Jones Daytime Phone No.: 240-401-2957 (cell)
301-585-0454
Address: 7051 Eastern Ave Takoma Park MD 20912
Street Number City Street Zip Code
Contractor: _____ Phone No.: _____
Contractor Registration No.: _____
Agent for Owner: none Daytime Phone No.: n/a

LOCATION OF BUILDING/PREMISE
House Number: 7051 Street: Eastern Ave
Town/City: Takoma Park Nearest Cross Street: Piney Branch Road
Lot: 26 Block: 12 Subdivision: Wm. M. Brooks Re-subdivision of Lots 1+2 and part of lot 3
Liber: 16473 Folio: 585 Parcel: _____

PART ONE: TYPE OF PERMIT ACTION AND USE

1A. CHECK ALL APPLICABLE:
 Construct Extend Alter/Renovate AC Slab Room Addition Porch Deck Shrd
 Move Install Wreck/Raze Solar Fireplace Woodburning Stove Single Family
 Revision Repair Revocable Fence/Wall (complete Section 4) Other: Windows; Awning

1B. Construction cost estimate: \$ 9,000

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

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01 WSSC 02 Septic 03 Other: _____
2B. Type of water supply: 01 WSSC 02 Well 03 Other: _____

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

3A. Height _____ feet _____ inches
3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:
 On party line/property line Entirely on land of owner On public right of way/easement

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

Joy Jones
Signature of owner or authorized agent

March 31, 2005
Date

Approved: X W/CONDITION For Chairperson, Historic Preservation Commission
Disapproved: _____ Signature: Julia O'Malley Date: 4/28/05
Application/Permit No.: 379019 Date Filed: _____ Date Issued: _____

SEE REVERSE SIDE FOR INSTRUCTIONS

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

1. WRITTEN DESCRIPTION OF PROJECT

a. Description of existing structure(s) and environmental setting, including their historical features and significance:

* 7051 Eastern Ave is a contributing resource to Talama
Park Historical District

- single family home w/ previously altered windows that are non-conforming

- 4 existing aluminum windows to be replaced with wood
windows w/ aluminum-clad exteriors and simulated divided
lights in a 6/9 configuration with grilles permanently
adhered to exterior and interior (south elevation)

(28" x 56") = 4

- 4 existing aluminum windows on rear of house to be replaced with wood
windows in 1/1 configuration

(40" x 34") = 2
(28" x 45") = 2

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

- existing aluminum awning to be replaced with same-size
wood awning over front door (front elevation)

2. SITE PLAN

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

- the scale, north arrow, and date;
- dimensions of all existing and proposed structures; and
- 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" paper are preferred.

- 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.
- Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures 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 manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

5. PHOTOGRAPHS

- 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.
- 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 decline 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. You can obtain this information from the Department of Assessments and Taxation, 51 Monroe Street, Rockville, (301/279-1355).

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.

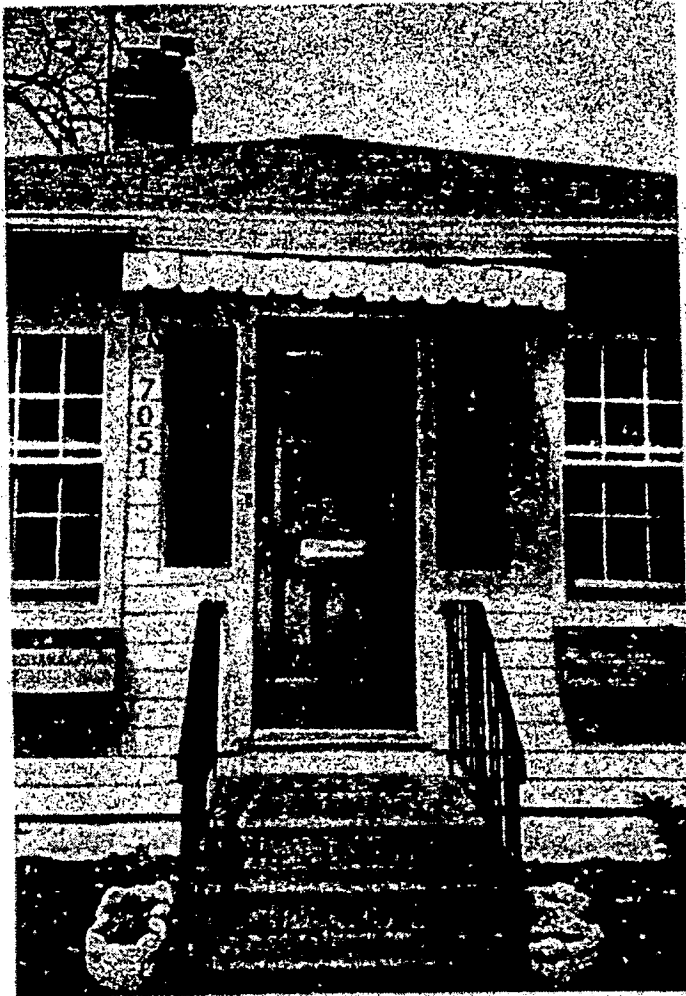
Desired Changes to 7051 Eastern Avenue, Takoma Park MD 20912

- Replace 4 existing nonconforming aluminum windows (1/1 configuration) on the south elevation with 4 wood (aluminum-clad exteriors) same-size windows with simulated divided lights (grills permanently adhered to exterior and interior) in a 6/9 configuration to match windows original to the house
- Replace 4 existing nonconforming aluminum windows (1/1 configuration) on the rear (east elevation) of the house with 4 wood (aluminum-clad exteriors) same-size windows with 1/1 configuration
- Replace existing aluminum door awning on front elevation with wood awning similar in size and shape

3/31/05

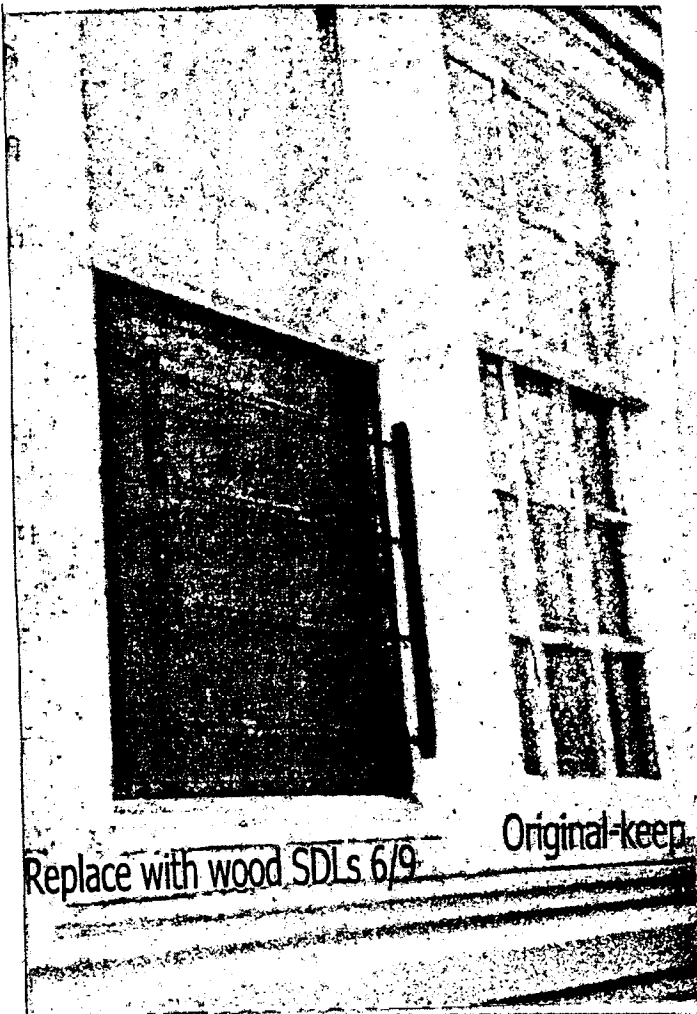


7051 Eastern Avenue



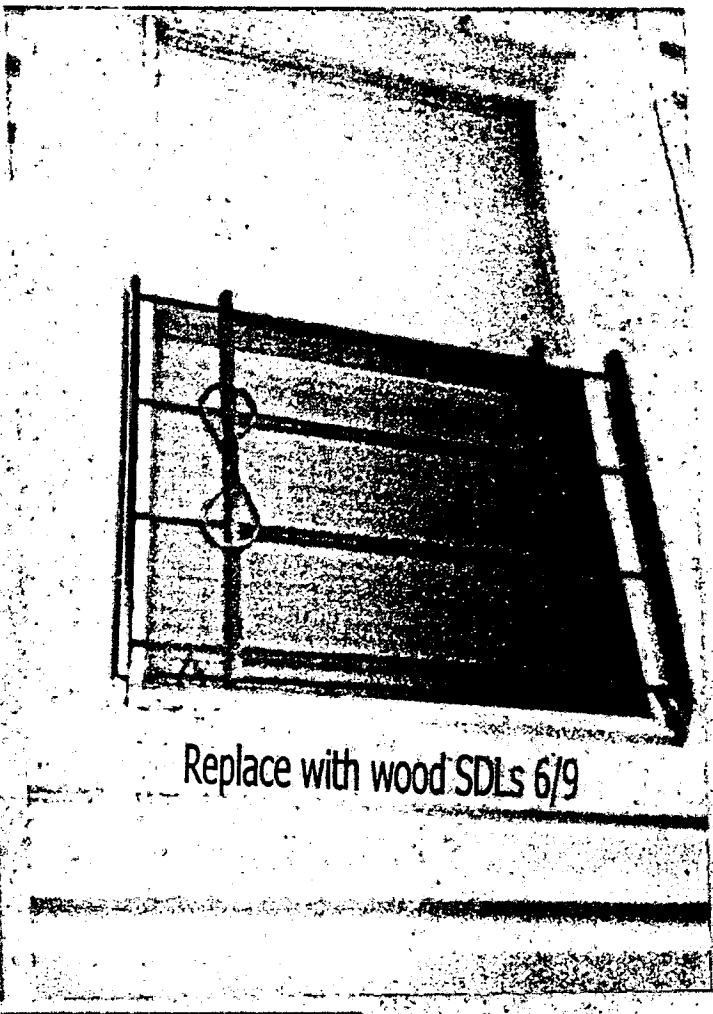
Aluminum awning to be replaced with wood awning

3/31/05



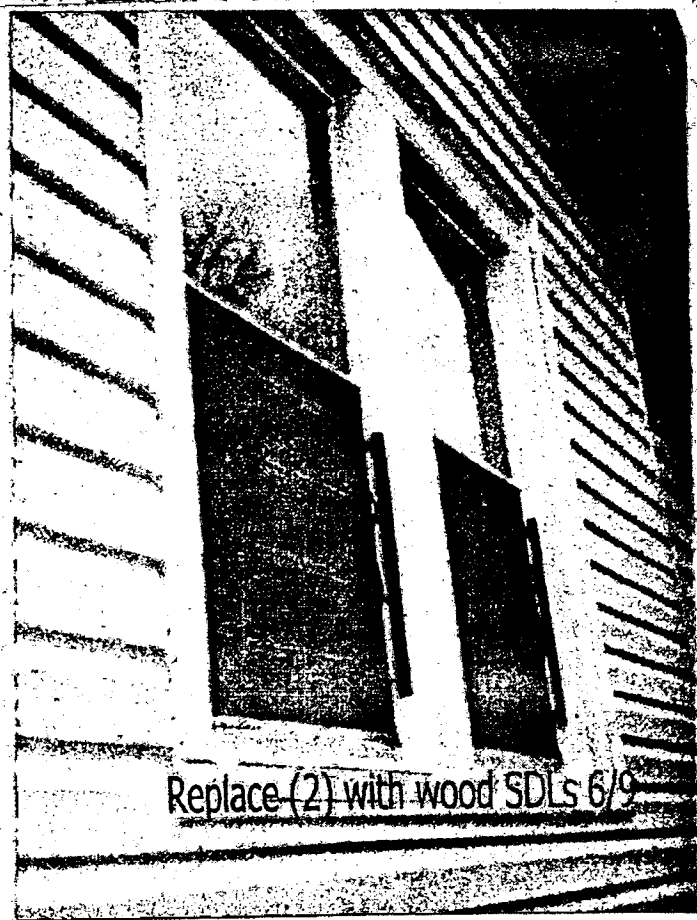
Replace with wood SDLs 6/9

Original-keep



Replace with wood SDLs 6/9

Bedroom 1

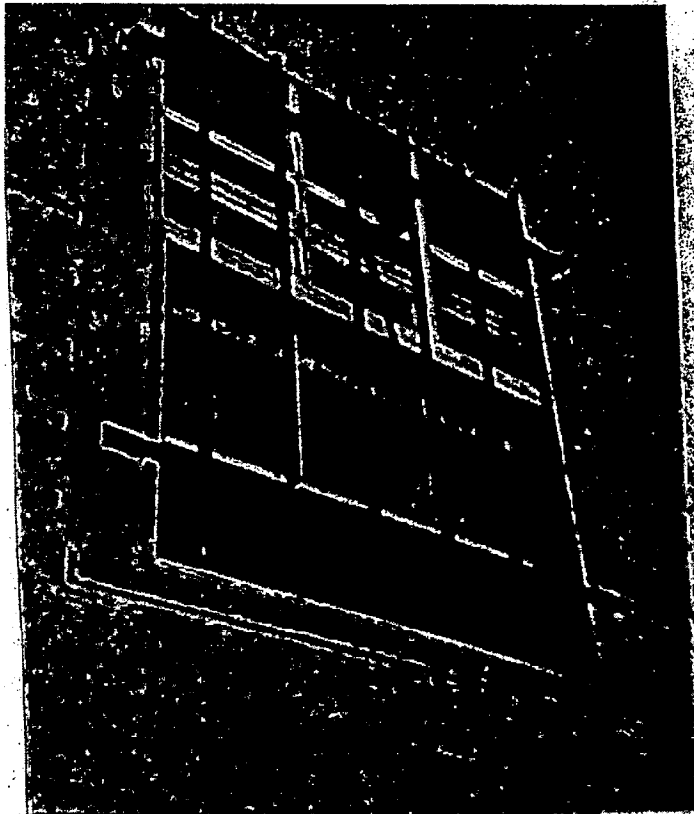


Replace (2) with wood SDLs 6/9

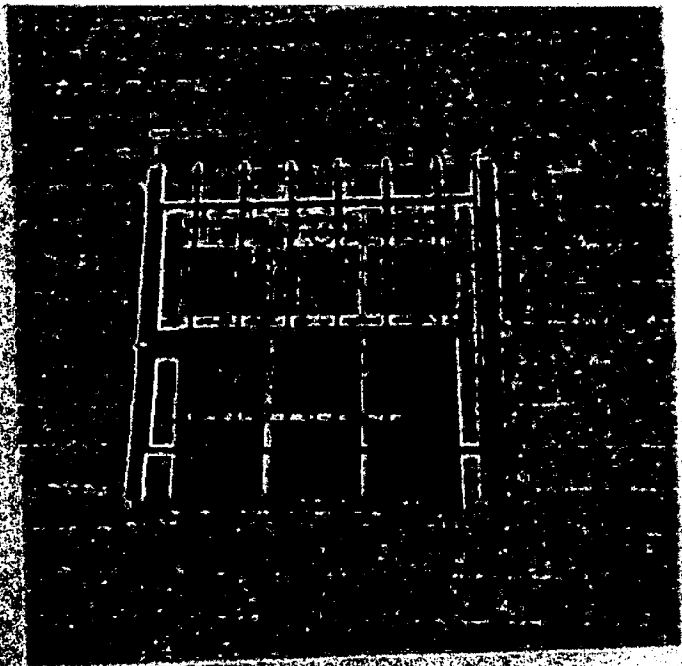
Bathroom

Bedroom 2

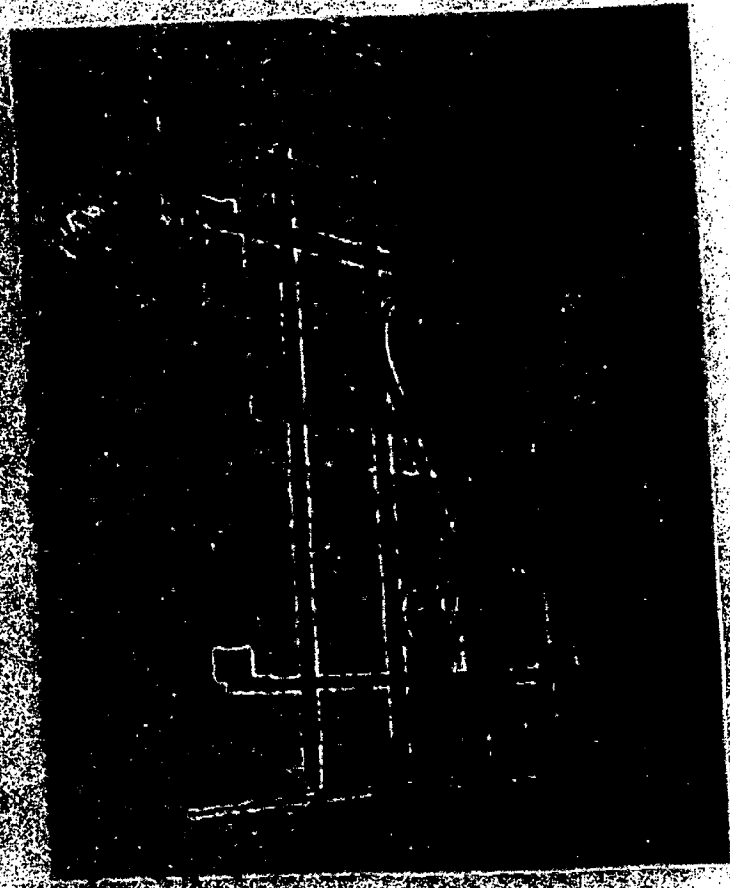
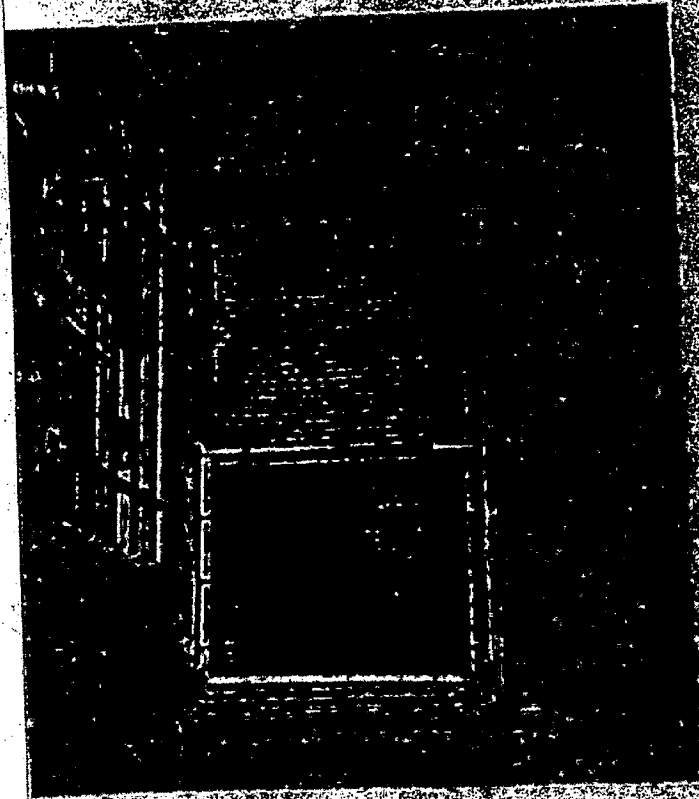
3/31/05



MasterBDR (House Rear)



Master BDR (House Rear)



Kitchen Windows
(House Rear)

3/21/05

HISTORIC PRESERVATION COMMISSION STAFF REPORT

Address:	7051 Eastern Avenue, Takoma Park	Meeting Date:	04/27/05
Resource:	Contributing Resource Takoma Park Historic District	Report Date:	04/20/05
Review:	HAWP	Public Notice:	04/13/05
Case Number:	37/03-05R	Tax Credit:	N/A
Applicant:	Joy Jones	Staff:	Michele Oaks

PROPOSAL: Awning and window replacement

RECOMMEND: Approval w/condition

RECOMMENDATION: Staff recommends that the Commission approve this HAWP application with the condition that:

- The specific design of the awning to be installed is approved by HPC staff prior to its installation.

PROJECT DESCRIPTION

SIGNIFICANCE: Contributing Resource in Takoma Park Historic District.
STYLE: Vernacular
DATE: c. 1910-1920

This one-story, three-bay, frame cottage is located in the Takoma Park Historic District. The house is covered with a side gable roof ornamented with an offset brick central chimney. The walls are clad in wood, German siding on the front and vinyl siding on the sides and rear. The roof is sheathed in asphalt shingles. A one-story enclosed front porch projects from the principal elevation.

PROPOSAL

The applicant proposes to:

1. Replace four, existing, 1/1 aluminum windows (not original) on the south elevation with four, 6/9, aluminum-clad exterior, simulated-divided light, wood window sashes of the same size.
2. Replace four, existing 1/1 and 1/1 with airspace grills aluminum windows (not original) on the rear addition of the house with four, 1/1, aluminum-clad exterior, simulated-divided light, wood window sashes of the same size.
3. Replace the existing, aluminum awning (not original) with a same size wood awning.

STAFF DISCUSSION

The Historic Preservation Commission utilizes the *Approved and Adopted Takoma Park Historic District Guidelines* when reviewing changes to contributing resources within the historic district. The *Takoma Park Guidelines* define contributing resources as:

A resource, which contributes to the overall character of the district and its streetscape, but is of secondary architectural and historical significance. A resource may be classified as contributing if it is a common or ubiquitous example of an architectural style that is important to the historic district, or if it was an outstanding resource that, while still identifiable as a specific architectural style, has lost some degree of its architectural integrity due to alterations. Contributing resources ass to the overall streetscape due to their size, scale and architectural character.

The following *Takoma Park Guidelines* pertain to this project:

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

The subject proposal is removing non-original features on the building and replacing them with more compatible materials. The proposed window replacement will return divided-light windows to the south elevation, where the original windows had been replaced with 1/1 aluminum windows. The proposal also includes the replacement of the 1/1 aluminum windows on the rear addition with aluminum clad, wood 1/1 windows. Since these windows are not original, staff does not object to their replacement and supports the applicants desire to install windows on the main massing that mimic the original design.

The applicant also proposes to remove the existing aluminum awning and replace it with a wood awning of the same size. Staff supports this replacement since the awning is not an original feature to the building. It was most likely installed when the front porch was enclosed. Staff does not have a detailed design for this awning and as such we recommend approval of the awning replacement with the condition that the applicant bring the final design of the awning to staff for review prior to its installation.

STAFF RECOMMENDATION

Staff recommends that the Commission ***approve with the above-stated condition*** this HAWP application as being consistent with Chapter 24A-8(b)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,

With the general condition that the applicant shall present the 3 permit sets of drawings to HPC staff for review and stamping prior to submission for building permits. After issuance of the Montgomery County Department of Permitting Services (DPS) building permit, the applicant will arrange for a field inspection by calling the DPS Field Services Office at (240) 777-6210 or online at www.permits.emontgomery.org prior to commencement of work and not more than two weeks following completion of work..

44



RETURN TO: DEPARTMENT OF PERMITTING SERVICES
255 ROCKVILLE PIKE, 2nd FLOOR, ROCKVILLE, MD 20850
240/777-6370

JM

Original

DPS-#3

RECEIVED

APR 01 2005

HISTORIC PRESERVATION COMMISSION
301/563-3400

APPLICATION FOR
HISTORIC AREA WORK PERMIT

DIV. OF CASE WORK MGMT.

Contact Person: _____

Daytime Phone No.: _____

Tax Account No.: 01057477

240-401-2957 (cell)

Name of Property Owner: Joy Jones

Daytime Phone No.: 301-585-0454

Address: 7051 Eastern Ave TALOMA PARK MD 20912
Street Number City Street Zip Code

Contractor: _____ Phone No.: _____

Contractor Registration No.: _____

Agent for Owner: none Daytime Phone No.: n/a

LOCATION OF BUILDING/PREMISE

House Number: 7051 Street: Eastern Ave

Town/City: TALOMA PARK Nearest Cross Street: Piney Branch Road

Lot: 26 Block: 12 Subdivision: Wm. M. Brooks Resubdivision of Lots 1+2 and part of Lot 3

Liber: 16473 Folio: 585 Parcel: _____

PART ONE: TYPE OF PERMIT ACTION AND USE

1A. CHECK ALL APPLICABLE:

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

CHECK ALL APPLICABLE:

- A/C
- Slab
- Room Addition
- Porch
- Deck
- Shd
- Solar
- Fireplace
- Woodburning Stove
- Single Family
- Fence/Wall (complete Section 4)
- Other: WINDOWS; AWNING

1B. Construction cost estimate: \$ 7,000

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

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTENO/ADDITIONS

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

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

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3A. Height: _____ feet _____ inches

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

- On party line/property line
- Entirely on land of owner
- On public right of way/easement

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the construction will comply with plans approved by all agencies listed and I hereby acknowledge and accept this to be a condition for the issuance of this permit.

Joy Jones
Signature of owner or authorized agent

March 31, 2005
Date

Approved: _____ For Chairperson, Historic Preservation Commission

Disapproved: _____ Signature: _____ Date: _____

Application/Permit No.: 379019 WCR Date Filed: _____ Date Issued: _____

3

**THE FOLLOWING ITEMS MUST BE COMPLETED AND THE
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Desired Changes to 7051 Eastern Avenue, Takoma Park MD 20912

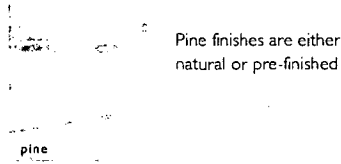
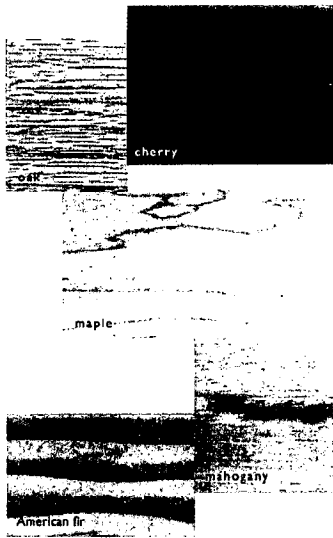
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- Replace existing aluminum door awning on front elevation with wood awning similar in size and shape

3/31/05 (5)

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

Owner's mailing address Joy Jones 7051 Eastern Avenue Takoma Park, MD 20912	Owner's Agent's mailing address N/A
Adjacent and confronting Property Owners mailing addresses	
Raymond Altevogt 7049 Eastern Avenue Takoma Park, MD 20912	Promise Ahlstrom and James Gold 7106 Holly Avenue Takoma Park, MD 20912
William Murphy 4303 13th Street, NE Washington DC 20017	

⑥
3/31/05



Pine finishes are either natural or pre-finished

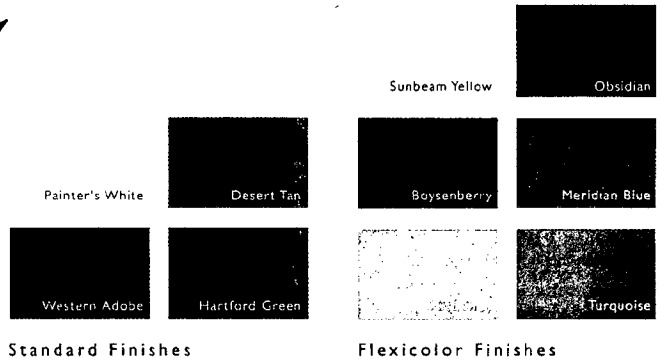
Hardwood Series Upgrade

Wood interiors provide an opportunity to add a custom touch to your home. While most manufacturers only offer pine, Weather Shield offers a variety of choices. So you can match your existing interior decorating and flooring.

options for every style

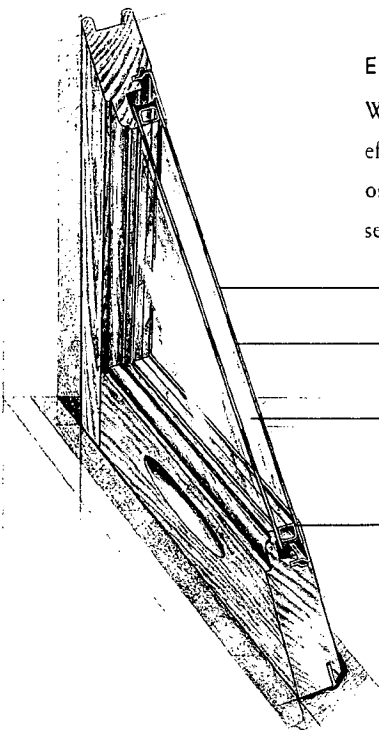
Exteriors

Maintenance-free aluminum-clad exteriors are offered in four standard colors and six Flexicolors to blend with your home's exterior. Or, choose from our wood exteriors in natural, primed or Poly I finishes.



Energy Efficient Glazing

Weather Shield offers a full selection of glazing options for the ultimate in energy efficiency and ultraviolet protection. Which option is best for you? Well, that depends on your needs. But you can be sure, from our maximum efficiency Value R5 to our best selling Insul and Insul Low E, you'll find an option that's best for your home.

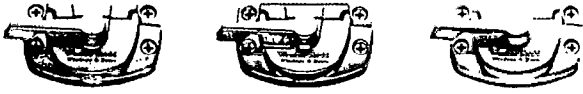


- Choose from single or insul glass.
- Optional Low E coatings filter UV rays to protect furnishings from fading while also insulating the home in winter and summer.
- Airspace provides insulating power from summer heat and winter cold. Adding safe, colorless argon gas or an argon/krypton mixture to the airspace significantly increases the window unit's energy efficiency.
- Tough dual seal virtually eliminates air and gas migration, ensuring the window unit's energy efficiency.

Installation Instructions:

Hardware

Weather Shield's custom hardware accessories are designed to be durable and easy to use. They also help add that final decorative touch to your windows. Colors include goldtone (standard), bright brass and white.



Grilles

Grilles are an important option for windows. That's why Weather Shield delivers a comprehensive selection, including True Divided Lite, Simulated Divided Lite, perimeter, Fashion and airspace grilles. We also offer custom grilles with designs as flexible as your imagination.

True Divided Lite and Simulated Divided Lite



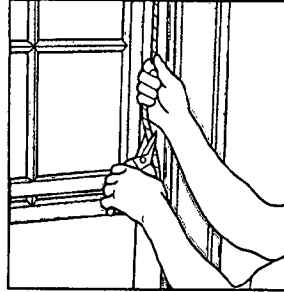
Airspace Grilles



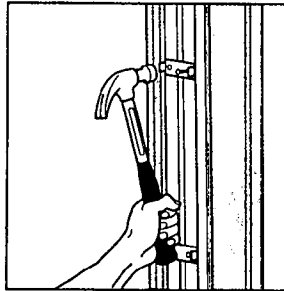
Perimeter Grilles



Step 1: Remove the old sash from inside. Using a pry bar or putty knife, take out the inside stop mouldings from the side jambs.

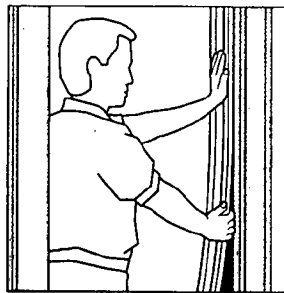


Step 2: Cut out all cords and weights and remove bottom sash. Repeat with the top sash.



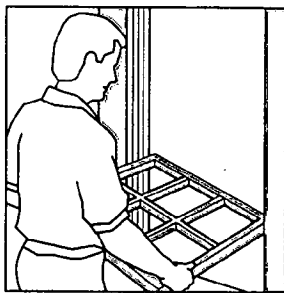
3. Prepare the frame.

Position the brackets for the vinyl jamb liners. Start about 4" from the top and finish about 4" from the bottom. Secure in place.



4. Install vinyl jamb liners.

Place the foam gasket at the top of each vinyl jamb liner. Place vinyl jamb liner against brackets and snap in.



5. Install the sash. Hold top sash at 90 degrees and level with the cams in the vinyl jamb liner. Engage corner pins. Tilt sash upright into vinyl track while sliding sash down. Repeat with the bottom sash.

More detailed instructions are included in every Tilt Sash Replacement Kit.

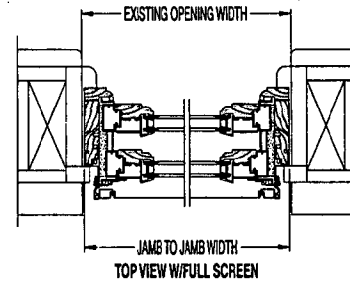
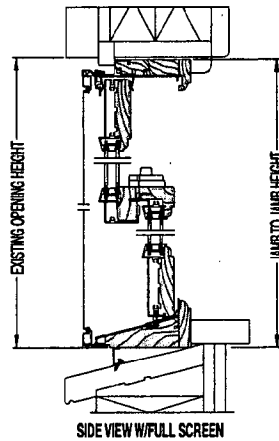




Custom Shield Cross Section Details

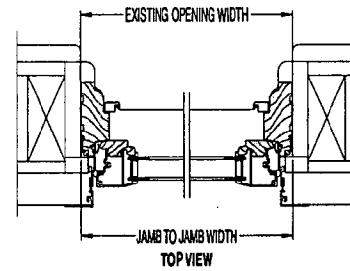
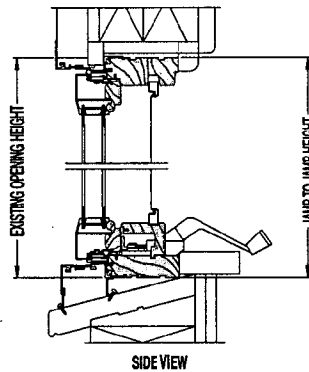
Scale: 1-1/2" = 1' 0"

Tilt Double-Hung



Tilt	Width	Height
Jamb to Jamb/Sill to Head	GL. + 5 7/16"	2 GL. + 7 3/4"
Rough Opening	GL. + 5 7/16"	2 GL. + 8"

Casement



Casement ¹⁾	Width	Height
Jamb to Jamb/Sill to Head	GL. + 4"	GL. + 4 1/8"
Rough Opening	GL. + 4 1/8"	GL. + 4 3/8"

Custom Shield Sizes

	Jamb-To-Jamb Width		Jamb-To-Jamb Height	
	Minimum	Maximum	Minimum	Maximum
Tilt Double-Hung Windows	15 1/2"	45 1/2"	27 3/4"	87 3/4"
Tilt Picture Center Windows	15"	120"	17"	120"
Casement Windows	16"	36"	20 1/4"	72"
Casement Picture Center Windows	14"	120"	14 1/2"	120"
Awning Windows ^{1,2}	20 1/4"	54"	16"	40"
Scena-Vu Windows ^{1,2,3}	20 1/4"	54"	36"	80"

- 1 40-1/16" to 48" jamb width — maximum operating height is 48" jamb
48-1/16" to 54" jamb width — maximum operating height is 40" jamb
- 2 Minimum 16" jamb height for sash locks; any units over 40" jamb height require sash locks
- 3 Maximum top glass height is 58"

Egress Opening Requirements

Per 1993-BOCA (Building Officials and Code Administrators) national building code and 1994 UBC (Uniform Building Code), minimum dimensions must meet following guidelines to meet or exceed egress opening requirements. Verify local or state egress opening sizes with your local building inspector.

- 20" clear opening width
- 24" clear opening height
- 5.7 square foot clear opening

3/31/05 ⁹

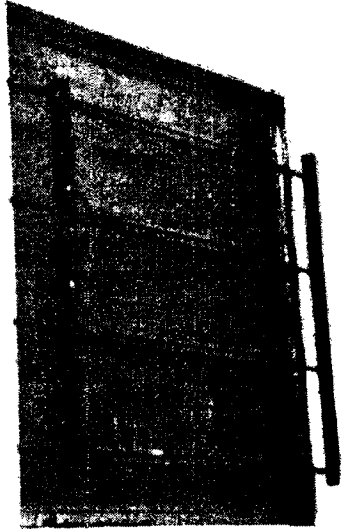


7051 Eastern Avenue



Aluminum awning to be replaced with wood awning

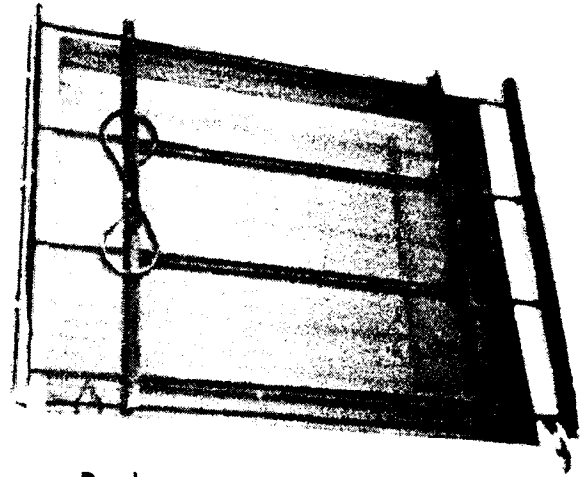
3/31/05



Replace with wood SDLs 6/9



Original-keep



Replace with wood SDLs 6/9

Bedroom 1

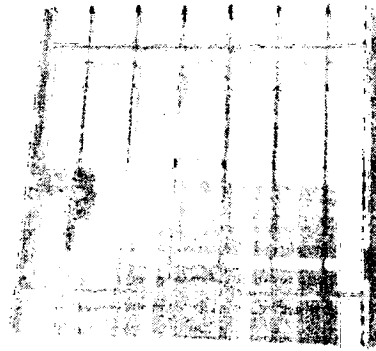
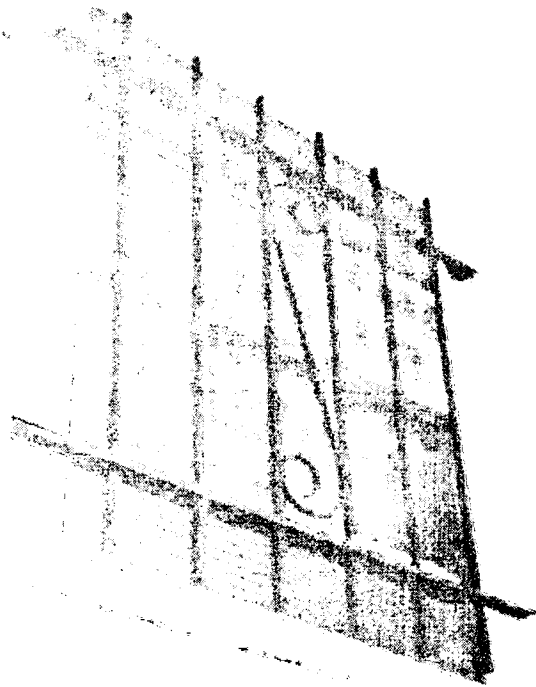


Replace (2) with wood SDLs 6/9

Bathroom

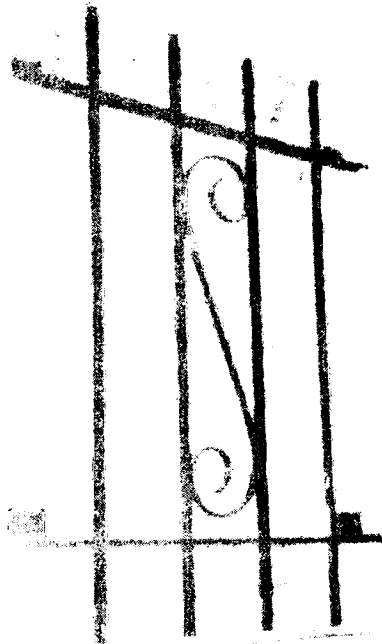
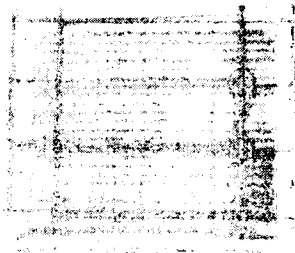
Bedroom 2

3/31/05



Master BDR (House Rear)

MasterBDR (House Rear)



Kitchen Windows
(House Rear)

3/21/05



Street View



Front View



Window



Side & EAST Facade



East Windows



North West Facade



REAR



Street View



Front view



side



Small EAST facade



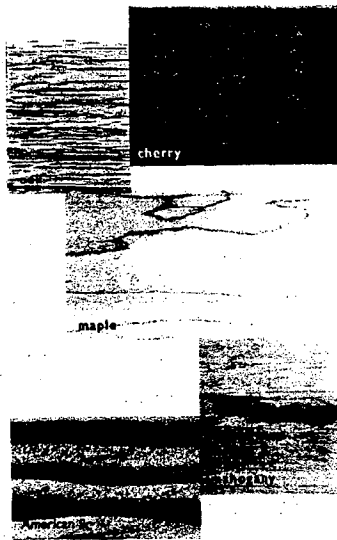
East Windows



North West facade



Back



Pine finishes are either natural or pre-finished

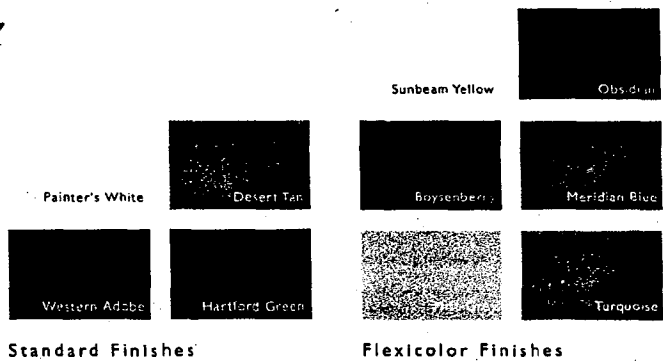
Hardwood Series Upgrade

Wood interiors provide an opportunity to add a custom touch to your home. While most manufacturers only offer pine, Weather Shield offers a variety of choices. So you can match your existing interior decorating and flooring.

options for every style

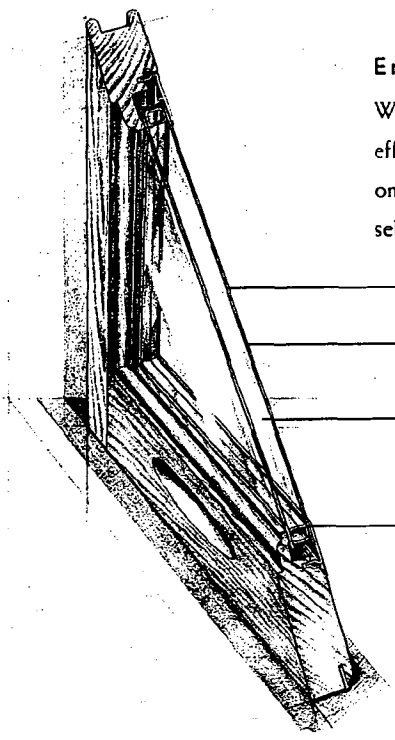
Exteriors

Maintenance-free aluminum-clad exteriors are offered in four standard colors and six Flexicolors to blend with your home's exterior. Or, choose from our wood exteriors in natural, primed or Poly I finishes.



Standard Finishes

Flexicolor Finishes



Energy Efficient Glazing

Weather Shield offers a full selection of glazing options for the ultimate in energy efficiency and ultraviolet protection. Which option is best for you? Well, that depends on your needs. But you can be sure, from our maximum efficiency Value R5 to our best selling Insul and Insul Low E, you'll find an option that's best for your home.

- Choose from single or insul glass.
- Optional Low E coatings filter UV rays to protect furnishings from fading while also insulating the home in winter and summer.
- Airspace provides insulating power from summer heat and winter cold. Adding safe, colorless argon gas or an argon/krypton mixture to the airspace significantly increases the window unit's energy efficiency.
- Tough dual seal virtually eliminates air and gas migration, ensuring the window unit's energy efficiency.

Installation Instructions:

Hardware

Weather Shield's custom hardware accessories are designed to be durable and easy to use. They also help add that final decorative touch to your windows. Colors include goldtone (standard), bright brass and white.



Grilles

Grilles are an important option for windows. That's why Weather Shield delivers a comprehensive selection, including True Divided Lite, Simulated Divided Lite, perimeter, Fashion and airspace grilles. We also offer custom grilles with designs as flexible as your imagination.

True Divided Lite and Simulated Divided Lite



1 3/8" Interior

7/8" Interior

Airspace Grilles



3/8" Airspace

1 1/8" Sculptured

1 5/8" Sculptured

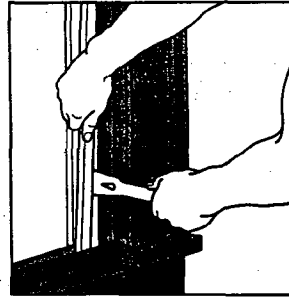
Perimeter Grilles



5/8" Perimeter

7/8" Perimeter

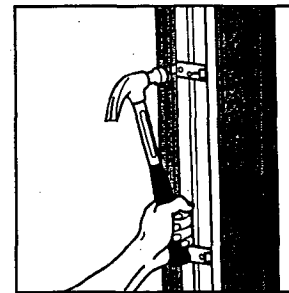
1 1/8" Perimeter



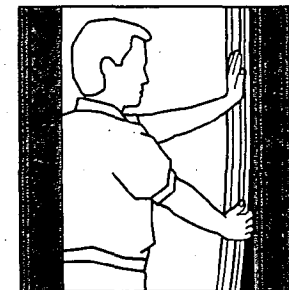
Step 1: Remove the old sash from inside. Using a pry bar or putty knife, take out the inside stop mouldings from the side jambs.



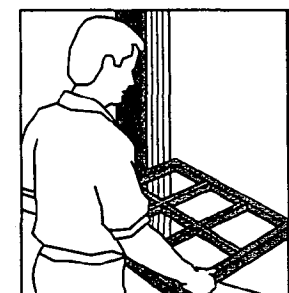
Step 2: Cut out all cords and weights and remove bottom sash. Repeat with the top sash.



3. Prepare the frame. Position the brackets for the vinyl jamb liners. Start about 4" from the top and finish about 4" from the bottom. Secure in place.

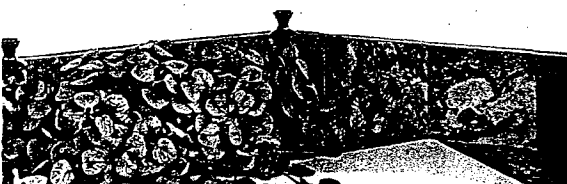


4. Install vinyl jamb liners. Place the foam gasket at the top of each vinyl jamb liner. Place vinyl jamb liner against brackets and snap in.



5. Install the sash. Hold top sash at 90 degrees and level with the cams in the vinyl jamb liner. Engage corner pins. Tilt sash upright into vinyl track while sliding sash down. Repeat with the bottom sash.

More detailed instructions are included in every Tilt Sash Replacement Kit.

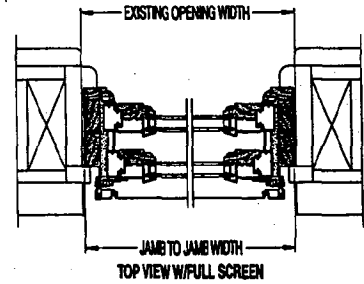
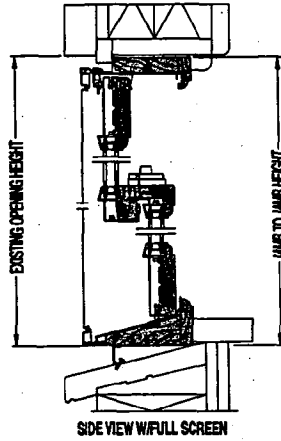




Custom Shield Cross Section Details

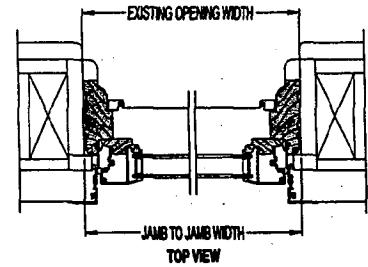
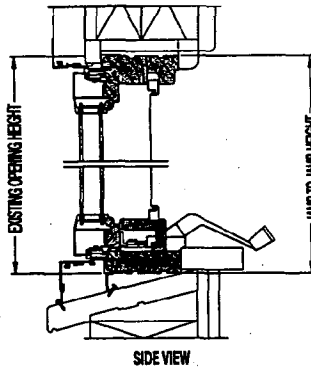
Scale: 1-1/2" = 1' 0"

Tilt Double-Hung



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Rough Opening	GL + 5 1/4"	2 GL + 8"

Casement



	Width	Height
Jamb to Jamb/Sill to Head	GL + 4"	GL + 4 1/4"
Rough Opening	GL + 4 1/4"	GL + 4 1/4"

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	Jamb-to-Jamb Width		Sill-to-Jamb Height	
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