

MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION
STAFF REPORT

Address:	9 Hesketh St., Chevy Chase	Meeting Date:	10/25/17
Resource:	Contributing Resource Chevy Chase Village Historic District	Report Date:	10/18/17
Applicant:	Paul Berman	Public Notice:	10/11/17
Review:	HAWP	Tax Credit:	n/a
Case Number:	35/13-17JJ	Staff:	Dan Bruechert
Proposal:	Window Replacement		

STAFF RECOMMENDATION

Staff recommends the HPC **approve with one (1) condition** the HAWP application.

1. The applicant must clarify the number of windows proposed for removal and replacement prior to stamping the plans with final approval authority delegated to Staff.

ARCHITECTURAL DESCRIPTION

SIGNIFICANCE: Contributing to the Chevy Chase Village Historic District
STYLE: Foursquare - Craftsman
DATE: c.1892-1916

The subject property is a two story, Colonial Revival house, three bays wide, with stucco siding and an asphalt-shingled hipped roof. The half-lite front door is on the left side of the façade flanked by side lites. The first-floor windows are six-over-one sash windows. The second floor has six-over-one windows flanked by a two-over-one sash. There is a full-width front porch with a hipped roof and wood columns over rustic stone bases.

PROPOSAL

The applicant is proposing to remove 18 historic wood windows and install Pella Architect Series aluminum clad windows in their place.

APPLICABLE GUIDELINES

When reviewing alterations and new construction within the Chevy Chase Village 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 Chevy Chase Village Historic District (*Guidelines*), *Montgomery County Code Chapter 24A (Chapter 24A)*, and the *Secretary of the Interior's*

Standards for Rehabilitation (Standards). The pertinent information in these documents is outlined below.

Chevy Chase Village Historic District Guidelines

The *Guidelines* break down specific projects into three levels of review - Lenient, Moderate and Strict Scrutiny.

“Lenient Scrutiny” means that the emphasis of the review should be on issues of general massing and scale, and compatibility with the surrounding streetscape, and should allow for a very liberal interpretation of preservation rules. Most changes should be permitted unless there are major problems with massing, scale or compatibility.

“Moderate Scrutiny” involves a higher standard of review than “lenient scrutiny.” Besides issues of massing, scale and compatibility, preserving the integrity of the resource is taken into account. Alterations should be designed so that the altered structure still contributes to the district. Use of compatible new materials, rather than the original building materials, should be permitted. Planned changes should be compatible with the structure’s existing design, but should not be required to replicate its architectural style.

“Strict Scrutiny” means that the planned changes should be reviewed to insure that the integrity of the significant exterior architectural or landscaping features and details is not compromised. However, strict scrutiny should not be “strict in theory but fatal in fact” i.e. it does not mean that there can be no changes but simply that the proposed changes should be reviewed with extra care.

HAWP applications for exterior alterations, changes, and/or additions to non-contributing/out-of-period resources should receive the most lenient level of review. Most alterations and additions should be approved as a matter of course. The only exceptions would be major additions and alterations to the scale and massing of the structure, which affect the surrounding streetscape and/or landscape and could impair the character of the district as a whole.

- *Windows* (including window replacement) should be subject to moderate scrutiny if they are visible from the public right-of-way, lenient scrutiny if they are not. Addition of compatible exterior storm windows should be encouraged, whether visible from the public-right-of-way or not. Vinyl and aluminum windows (other than storm windows) should be discouraged.
- The *Guidelines* state five basic policies that should be adhered to, including:
 - Preserving the integrity of the Chevy Chase Village Historic District. Any alterations should, at a minimum, perpetuate the ability to perceive the sense of time and place portrayed by the district.
 - Preserving the integrity of contributing structures. Alterations to should be designed in such a way that the altered structure still contributes to the district.
 - Maintaining the variety of architectural styles and the tradition of architectural excellence.

- Design review emphasis should be restricted to changes that will be visible from the front or side public right-of-way, or that would be visible in the absence of vegetation or landscaping.
- Alterations to the portion of a property that are not visible from the public-right-of-way should be subject to a very lenient review. Most changes to the rear of the properties should be approved as a matter of course.

Montgomery County Code; Chapter 24A-8(b)

A HAWP permit should be issued if the Commission finds that:

1. The proposal will not substantially alter the exterior features of a historic site or historic resource within a historic district.
2. The proposal is compatible in character and nature with the historical archaeological, architectural or cultural features of the historic site or the historic district in which a historic resource is located and would not be detrimental thereto of to the achievement of the purposes of this chapter.

STAFF DISCUSSION

The applicant is proposing to remove eighteen (18) historic wood windows and replace them with Pella Architect series aluminum clad windows in a matching configuration. The specifications provided by the contractor indicate that only sixteen windows will be installed. Staff has reached out to the applicant for clarification, however, the number of windows replaced does not change the analysis of the appropriateness of the window replacement. Staff will update the HPC upon receipt of clarification.

The subject property has a mix of six-over-one and smaller two-over-one windows on the front and sides of the house and some six-lite casement windows. The applicant indicates that the windows are not operating effectively and failing to maintain a comfortable temperature in the house.

While Staff regrets the loss of historic wood windows in historic districts in Montgomery County, the current interpretation of the Chevy Chase Village Historic District Guidelines (*Design Guidelines*) allow for the removal of historic windows so long as the replacement is compatible with the building's historic details and surrounding district. Where the windows have been identified as especially character defining features of the building, the HPC has required additional assessment of the window condition. Staff does not feel that these windows qualify as especially character defining features and believes these historic wood windows may be removed per the *Design Guidelines*.

The proposed windows are double-hung and custom sized to fully fit the historic opening. They will match the configuration of the historic windows and the 7/8" (seven-eighth inch) fixed grids will have a putty bevel profile on the exterior and an ogee-profiled interior. This is consistent with the appearance of a historic wood window. Staff feels that these details are sufficient to pass the moderate scrutiny required by the *Design Guidelines* and recommends approval for the replacement windows.

STAFF RECOMMENDATION

Staff recommends the HPC **approve with one (1) condition** the HAWP application;

1. The applicant must clarify the number of windows proposed for removal and replacement prior to stamping the plans with final approval authority delegated to Staff. and with the general condition applicable to all Historic Area Work Permits that **the applicant will present 3 permit sets of drawings to HPC staff for review and stamping prior to submission for permits (if applicable)**. After issuance of the Montgomery County Department of Permitting Services (DPS) permit, the applicant will arrange for a field inspection by calling the DPS Field Services Office at 240-777-6370 prior to commencement of work and not more than two weeks following completion of work.

DEPT OF PERMITTING SERVICES
255 ROCKVILLE PIKE
ROCKVILLE, MD, 20850



DPS - #8

HISTORIC PRESERVATION COMMISSION
301/563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Email: pberman@law.gwu.edu Contact Person: PAUL BERMAN
Daytime Phone No.: 202-569-6837

Tax Account No.: _____
Name of Property Owner: PAUL BERMAN Daytime Phone No.: 202-569-6837
Address: 9 HESKETH ST CHEVY CHASE MD 20815
Street Number City Street Zip Code

Contractor: PELLA Phone No.: 301-261-2054

Contractor Registration No.: _____
Agent for Owner: _____ Daytime Phone No.: _____

LOCATION OF BUILDING/PREMISE
House Number: 9 Street: HESKETH ST
Town/City: CHEVY CHASE Nearest Cross Street: MAGNOLIA PKWY
Lot: RS1+19 Block: 29 Subdivision: _____
Liber: _____ Folio: _____ Parcel: _____

PART ONE: TYPE OF PERMIT ACTION AND USE

- 1A. CHECK ALL APPLICABLE:
- | | | | | | | | | |
|------------------------------------|----------------------------------|--|--|------------------------------------|---|---|-------------------------------|-------------------------------|
| <input type="checkbox"/> Construct | <input type="checkbox"/> Extend | <input checked="" type="checkbox"/> Alter/Renovate | <input type="checkbox"/> A/C | <input type="checkbox"/> Stab | <input type="checkbox"/> Room Addition | <input type="checkbox"/> Porch | <input type="checkbox"/> Deck | <input type="checkbox"/> Shed |
| <input type="checkbox"/> Move | <input type="checkbox"/> Install | <input type="checkbox"/> Wreck/Raze | <input type="checkbox"/> Solar | <input type="checkbox"/> Fireplace | <input type="checkbox"/> Woodburning Stove | <input checked="" type="checkbox"/> Single Family | | |
| <input type="checkbox"/> Revision | <input type="checkbox"/> Repair | <input type="checkbox"/> Revocable | <input type="checkbox"/> Fence/Wall (complete Section 4) | | <input checked="" type="checkbox"/> Other: <u>WINDOWS</u> | | | |

1B. Construction cost estimate: \$ 20,000
1C. If this is a revision of a previously approved active permit, see Permit # _____

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

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

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

- 3A. Height _____ 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.

[Signature] _____ Date: 9/22/17
Signature of owner or authorized agent Date

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

814891

SEE REVERSE SIDE FOR INSTRUCTIONS

(5)

**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:

WE HAVE 18 OLD SINGLE-PANE WINDOWS ON THE FRONT HALF OF OUR HOUSE THAT ARE EXTREMELY DRAUGHTY + REQUIRE US TO USE SPACE HEATERS IN THE WINTER + FANS IN SUMMER EVEN WITH A CENTRAL AIR SYSTEM. WE WOULD THEREFORE LIKE TO REPLACE THESE WINDOWS WITH IDENTICAL DOUBLE-PANE WOOD WINDOWS WITH THE SAME TRUE-DIVIDED LOOK + SIX-OVER-ONE DESIGN.

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

OUR GOAL IS TO KEEP ALL HISTORIC FEATURES AS IS. THESE WINDOWS WILL BE INSERTED SO AS NOT TO DISTURB EXISTING SHUTTER OR FRAMES OR DIMENSIONS. WE PLAN TO USE THE PELLA ARCHITECT SERIES BECAUSE THEY ARE WOOD + MATCH ALL EXISTING WINDOW FEATURES (6 OVER 1, TRUE DIVIDED

2. SITE PLAN

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

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

ETC.) HOWEVER, IF THE COMMITTEE PREFER A DIFFERENT BRAND OR STYLE, WE ARE OPEN TO THAT.

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.

- a. Schematic construction plans, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- b. Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and 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

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

6. TREE SURVEY

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

7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS

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

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

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

Owner's mailing address PAUL BERMAN + LAURA DICKINSON 9 HESKETH ST CHEVY CHASE, MD 20815	Owner's Agent's mailing address
Adjacent and confronting Property Owners mailing addresses	
ANDREI + IRINA LARON 11 HESKETH ST CHEVY CHASE, MD 20815	DAVID BATH + JAMES MEISEL 7 HESKETH ST CHEVY CHASE, MD 20815
JOHN P + M H GRANT 16 WEST IRVING ST CHEVY CHASE, MD 20815	JAMES MEISEL + JULIA DAHLBURG 18 W. IRVING ST CHEVY CHASE, MD 20815
JULIE CHAPMAN + DAVID CUSHING 14 HESKETH ST CHEVY CHASE, MD 20815	ROBERT E + G CRISTEN WINDHAM 12 HESKETH ST CHEVY CHASE, MD 20815

DINA LASSOW
 16 HESKETH ST
 CHEVY CHASE, MD
 20815



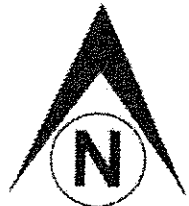
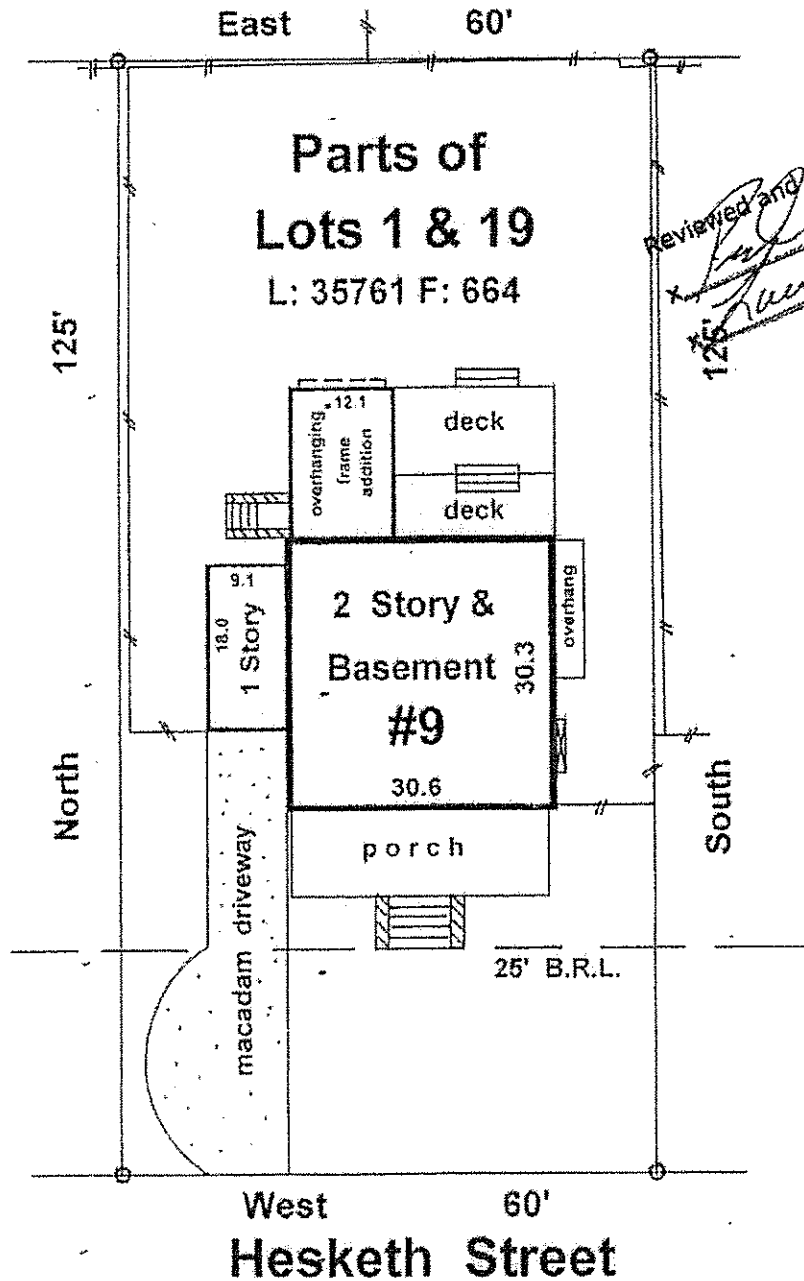
Landtech Associates Inc.

10260 Old Columbia Road Rivers Center-Suite J
Columbia, MD 21046

Phone: 410-290-8099 Fax: 410-290-8299

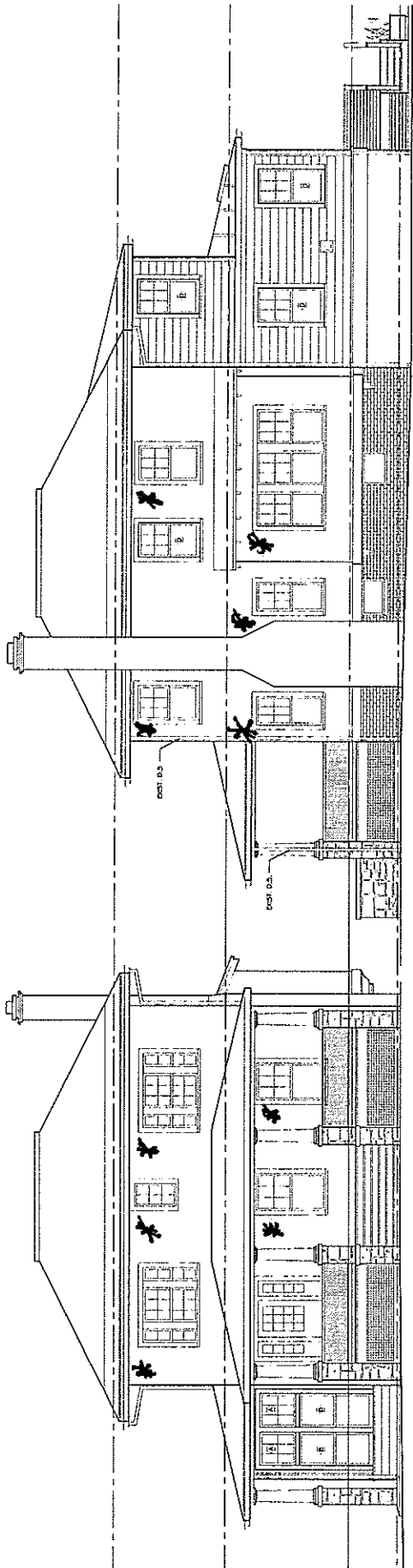
NOTE: NOT TO BE USED FOR ISSUANCE OF PERMITS

29



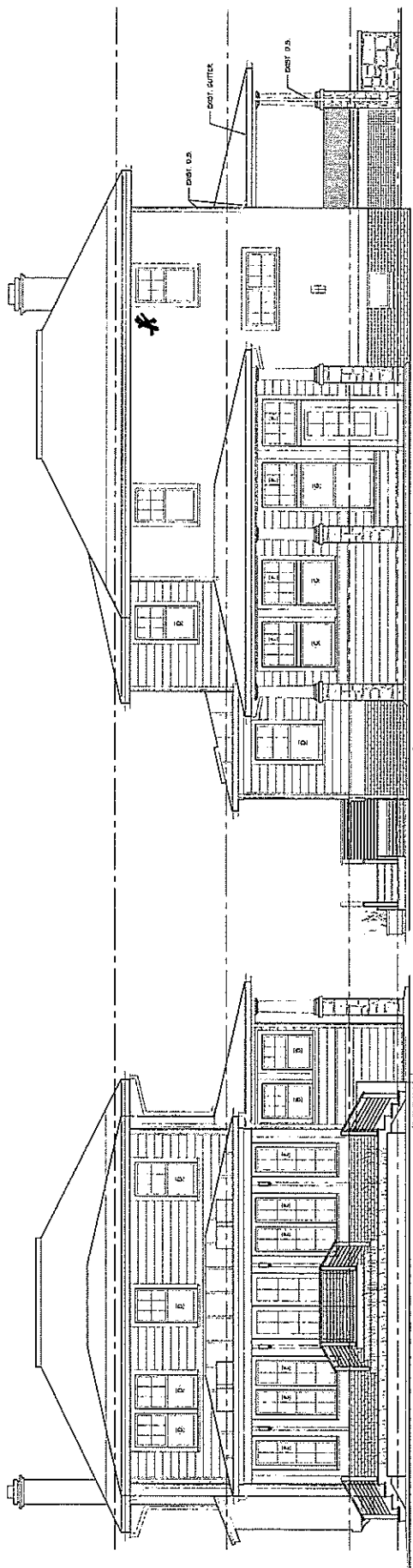
Location Survey of:	LOT: Pts. 1 & 19	BLOCK: 29
#9 Hesketh Street	PLAT BK: 2	PLAT#: 106
Section 2	DATE: 4-12-12	SCALE: 1"=20'
Chevy Chase	CASE NUMBER:	120447-PM
Montgomery Co., MD	FILE NUMBER:	LT-2120577

* WINDOWS TO BE REPLACED



A SOUTH (FRONT) ELEVATION
1/4" = 1'-0"

B EAST (SIDE) ELEVATION
1/4" = 1'-0"



C NORTH (REAR) ELEVATION
1/4" = 1'-0"

D WEST (SIDE) ELEVATION
1/4" = 1'-0"

IN PROGRESS 2015.02.20
ARCHITECTS
TREACY & EAGLEBURGER
201-261-5318
1234 CONNECTICUT AVE. NW - 10TH FL. - WASHINGTON, DC 20004-1111

EXTERIOR ELEVATIONS
1/4" = 1'-0"

BERMAN/DICKINSON
4153071817
CITY CLERK, MD

(11)



Proposal - Detailed

Pella Window and Door Showroom of Gaithersburg
 202 Perry Parkway
 Gaithersburg, MD 20877
Phone: (202) 594-3979 **Fax:** (301) 926-9899

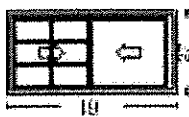

Sales Rep Name: Riordan, Matt
Sales Rep Phone: (301) 957-7000
Sales Rep E-Mail: mriordan@kc-pella.com
Sales Rep Fax: 877 220 5287

Customer Information	Project/Delivery Address	Order Information
PAUL BERMAN 9 Hesketh St CHEVY CHASE, MD 20815-4224 Primary Phone: 202-569 6837 Mobile Phone: Fax Number: E-Mail: paulberman@gwu.edu Contact Name: Great Plains #: WA1WS8 Customer Number: 1008318867 Customer Account: 1004256504	Berman - front elev 9 HESKETH ST. Lot # CHEVY CHASE, MD 20815 County: MONTGOMERY Owner Name: Owner Phone:	Quote Name: Berman - front elev- MR/AMS Order Number: 060 Quote Number: 9188471 Order Type: Non-Installed Sales Wall Depth: Payment Terms: Tax Code: MARYLAND8 Cust Delivery Date: None Quoted Date: 7/14/2017 Contracted Date: Booked Date: Customer PO #:

Customer Notes: PRELIMINARY-

ARCHITECT SERIES WOOD EXTERIOR PRIMED
 PRIMED EXTERIOR
 NO PAINT ON THE EXTERIOR WOOD WINDOWS PRIMED ONLY WILL BE AN ADD ON TO PAINT- UNLESS YOU DO DO CLAD WINDOWS ON THE EXTERIOR**** IF ALLOWED
 INTERIOR PREFINISHED WHITE
 HALF SCREENS (NOT VIVID VIEW) WILL BE AN ADD ON
 ILT PERMANENT GRILLS LIKE THE ADDITION IN THE REAR.
 ALL SIZES AND SELECTIONS ARE TO BE CONFIRMED
 STANDARD WHITE HARDWARE- OIL RUBBED BRONZE WOULD BE AN ADD ON*
 14 WINDOWS ****
 POCKET INSTALLATION ***
 DOES NOT INCLUDE ANY EXTERIOR TRIM
 DOES NOT INCLUDE THE 13" X 61"**** SIZE WINDOWS- WE WOULD NEED TO SEE THESE BEFORE PRICING

(2)

Line #	Location:	Attributes	Qty
20	None Assigned	<p>Architect, Double Hung, 27 X 61</p>  <p>Viewed From Exterior Rough Opening: 27 - 3/4" X 61 - 3/4"</p> <p>PK # 1987</p> <p>1: Non-Standard Size Non-Standard Size Double Hung, Equal Frame Size: 27 X 61 General Information: Standard, Luxury, Wood, Pine, 4 3/8", 4 3/16", No Certification Exterior Color / Finish: Primed, Primed Aluminum Interior Color / Finish: Prefinished White Interior Sash / Panel: Putty Glaze, Ogee, Standard, No Sash Lugs Glass: Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, White, No Limited Opening Hardware, Order Sash Lift Screen: Half Screen, Standard EnduraClad, White, Standard, InView™ Performance Information: U-Factor 0.29, SHGC 0.25, VLT 0.47, CPD PEL-N-234-00255-00001, Performance Class CW, PG 45, Calculated Positive DP Rating 45, Calculated Negative DP Rating 45, Year Rated 08/11, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: ILT, No Custom Grille, 7/8", Traditional (3W2H / 0W0H), Putty Glaze, Ogee Wrapping Information: No Exterior Trim, No Interior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 176".</p>	5
25	None Assigned	<p>Architect, Casement Left, 24 X 42</p>  <p>Viewed From Exterior Rough Opening: 24 - 3/4" X 42 - 3/4"</p> <p>PK # 1987</p> <p>1: Non-Standard Size Non-Standard Size Left Casement Frame Size: 24 X 42 General Information: Standard, Wood, Pine, 4 3/8", 4 3/16", No Certification Exterior Color / Finish: Primed Interior Color / Finish: Prefinished White Interior Sash / Panel: Putty Glaze, Ogee, Standard Glass: Insulated Dual Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Wash Hinge Hardware, Fold-Away Crank, White, No Window Opening Control Device, No Limited Opening Hardware Screen: Full Screen, White, InView™ Performance Information: U-Factor 0.27, SHGC 0.24, VLT 0.43, CPD PEL-N-39-09986-00002, Performance Class CW, PG 50, Calculated Positive DP Rating 50, Calculated Negative DP Rating 50, Year Rated 08, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: ILT, No Custom Grille, 7/8", Traditional (2W3H), Putty Glaze, Ogee Wrapping Information: No Exterior Trim, No Interior Trim, 4 3/16", 4 3/8", Factory Applied, Pella Recommended Clearance, Perimeter Length = 132".</p>	2

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PELLA WARRANTY:

Pella products are covered by Pella's limited warranties in effect at the time of sale. All applicable product warranties are incorporated into and become a part of this contract. Please see the warranties for complete details, taking special note of the two important notice sections regarding installation of Pella products and proper management of moisture within the wall system. Neither Pella Corporation nor K. C. Company, Inc. will be bound by any other warranty unless specifically set out in this contract. However, Pella Corporation will not be liable for branch warranties which create obligations in addition to or obligations which are inconsistent with Pella written warranties.

Clear opening (egress) information does not take into consideration the addition of a Rolscreen [or any other accessory] to the product. You should consult your local building code to ensure your Pella products meet local egress requirements.

Per the manufacturer's limited warranty, unfinished mahogany exterior windows and doors must be finished upon receipt prior to installing and refinished annually, thereafter. Variations in wood grain, color, texture or natural characteristics are not covered under the limited warranty

INSYNCTIVE PRODUCTS: In addition, Pella Insynctive Products are covered by the Pella Insynctive Products Software License Agreement and Pella Insynctive Products Privacy Policy in effect at the time of sale, which can be found at insynctive.pella.com. By installing or using Your Insynctive Products you are acknowledging the Insynctive Software Agreement and Privacy Policy are part of the terms of sale.

ARBITRATION AND CLASS ACTION WAIVER ("ARBITRATION AGREEMENT")

YOU and Pella and its subsidiaries and the Pella Branded Distributor AGREE TO ARBITRATE DISPUTES ARISING OUT OF OR RELATING TO YOUR PELLA PRODUCTS (INCLUDES PELLA GOODS AND PELLA SERVICES) AND WAIVE THE RIGHT TO HAVE A COURT OR JURY DECIDE DISPUTES. YOU WAIVE ALL RIGHTS TO PROCEED AS A MEMBER OR REPRESENTATIVE OF A CLASS ACTION, INCLUDING CLASS ARBITRATION, REGARDING DISPUTES ARISING OUT OF OR RELATING TO YOUR PELLA PRODUCTS. You may opt out of this Arbitration Agreement by providing notice to Pella no later than ninety (90) calendar days from the date You purchased or otherwise took ownership of Your Pella Goods. To opt out, You must send notice by e-mail to pellawebsupport@pella.com, with the subject line: "Arbitration Opt Out" or by calling (877) 473-5527. Opting out of the Arbitration Agreement will not affect the coverage provided by any applicable limited warranty pertaining to Your Pella Products. For complete information, including the full terms and conditions of this Arbitration Agreement, which are incorporated herein by reference, please visit www.pella.com/arbitration or e-mail to pellawebsupport@pella.com, with the subject line: "Arbitration Details" or call (877) 473-5527. **D'ARBITRAGE ET RENONCIATION AU RECOURS COLLECTIF ("convention d'arbitrage") EN FRANÇAIS SEE PELLA.COM/ARBITRATION. DE ARBITRAJE Y RENUNCIA COLECTIVA ("acuerdo de arbitraje") EN ESPAÑOL VER PELLA.COM/ARBITRATION.**

Product Performance Information:

U-Factor, Solar Heat Gain Coefficient (SHGC), and Visible Light Transmittance (VLT) are certified by the National Fenestration Rating Council (NFRC). Manufacturer stipulates that these ratings conform to applicable NFRC procedures for determining whole product performance. NFRC ratings are determined for a fixed set of environmental conditions and a specific product size. NFRC does not recommend any products and does not warrant the suitability of any product for any specific use.

Design Pressure (DP), Performance Class, and Performance Grade (PG) are certified by a third party organization, in many cases the Window and Door Manufacturers Association (WDMA). The certification requires the performance of at least one product of the product line to be tested in accordance with the applicable performance standards and verified by an independent party. The certification indicates that the product(s) of the product line passed the applicable tests. The certification does not apply to mull and/or product combinations unless noted. Actual product results will vary and change over the products life.

For more performance information along with information on Florida Product Approval System (FPAS) Number and Texas Dept. of Insurance (TDI) number go to www.pella.com/performance.

For more information regarding the finishing, maintenance, service and warranty of all Pella® products, visit the Pella® website at www.pella.com