STAFF REPORT: 09-08-2021 MEETING PREPARED BY: A. DYE

APPLICATION NUMBER: 21-7400 **ADDRESS:** 630 VIRGINIA PARK

HISTORIC DISTRICT: NEW CENTER AREA

APPLICANT: JOE GUADAGNINO

PROPERTY OWNER: JOE GUADAGNINO

DATE OF COMPLETED APPLICATION: 07-19-2021

DTAE OF STAFF VISIT: 07-26-2021

SCOPE OF WORK: REPLACEMENT OF HISTORIC WINDOWS* (WORK COMPLETED

WITHOUT APPROVAL)

EXISTING CONDITIONS

The 2.5-story, single-family home at 630 Virginia Park was built in 1906. The home is located midblock on Virginia Park Street, between Second and Third Avenue in the New Center Area Historic District. It is an English Revival-style home, clad in an orange / brown brick. The façade is asymmetrical, with a dominate Tudor-style gable that projects the east portion of the structure forward from the mass of the home. On the west side of the front façade, a covered porch with a limestone cap projects from the centrally located front entrance. An articulated gable aligned with the front door projects past the rest of the porch canopy and balances the composition of the front façade. The expressive fascia boards and half-timbering detailing in the upper portion of the gables are elevated by decorative dentils. The front façade of the home contains several other character-defining details: On the ground floor, mulled sections of windows feature leaded glass details, limestone sills and headers. On the second floor, windows feature true divided light patterns including 16/1 on two windows, 9/1 on a bay of three windows and 9/1 on the smaller windows. The windows at the upper story in the gable and in the dormer are simpler, without any divided light patterns.



PROPOSAL

Per the submitted application, the applicant is seeking the Commission's approval to retain work completed without HDC approval, which includes the replacement of all historic wood, true divided light windows with new aluminum-clad wood windows (matching operation and muntin pattern of previous window sash).

Replacement window: Pella, Architect Traditional Series, wood aluminum-clad sash, simulated divided lights, color: black.

STAFF OBSERVATIONS & RESEARCH

- The New Center Historic District was established in 1982.
- The Commission reviewed an application for this property at its April 2020 meeting. The submitted scope of work included the replacement of all windows on the house as well as the removal of a rear, non-historic addition and the construction of a new rear addition.
 - The HDC staff reporter noted in his staff report: "It appears from the condition report provided by the architect and supplemental information provided by the homeowner that the majority of these windows are painted shut. However, it is not clear if these windows have indeed deteriorated beyond repair and what effort was made by the applicant to restore these windows....the applicant has indicated that they would be replaced by new aluminum clad wood windows with simulated divided lite patterns..."
 - The Commission approved the replacement of existing vinyl and non-character defining windows at the front, sides and rear of the home. The true divided-light windows on the front and sides of the house were to remain in place.
- Within the current September 2021 submittal, the applicant states all of the windows were replaced. However during staff's July site visit, it appeared the first floor, front elevation windows, as well as the third floor dormer windows have not been replaced. It is not clear if the existing windows will remain and be painted, or if replacement will still be planned
- Looking at the replacement windows independent of the qualifying condition that the original windows have not been proven beyond repair, the large nine-over-one and sixteen-over-one openings, when viewed from the public right-of-way, offer a close match to the design, operation and proportion of the original windows.
- The applicant states one reason for the replacement was the estimated cost of fabricating new storm windows when added to the possible repair cost. As HDC staff has noted within other applications, repair of windows and fabrication of storms can be done in phases as the budget allows; there is no requirement to complete a window job all at once.

ISSUES

- The notated photographs within the current submittal give evidence of deterioration that can be typical of window sash that are more than 100 years old. The photographs submitted do not show such advanced deterioration to render the windows not repairable, nor requiring a disproportionally high level of repair.
- The historic wood windows are distinctive and character-defining features of the property. Their removal does not meet the Secretary of the Interior's Standards for Rehabilitation, specifically Standard #6.
- The 1982 HDAB designation photograph shows the double-hung windows on the front elevation, third floor, as having diamond patterned upper sash. The windows in place at the time of the April 2020 review (per the applicant's photo) were one-over-one double-hung wood sash, and have been in place since at least 2007, based on Google street view. There is no record on file with the city of the HDC reviewing the removal of the diamond paned windows.



- While drafting this report, HDC staff contacted the applicant and offered the opportunity to include the removal of the diamond paned windows within this application, however the applicant has not responded.
- The recently installed replacement windows within the gable have a twelve-over-one pattern. HDC staff is not clear on the applicant's reasoning for selecting this muntin pattern. This window pattern alteration does not meet Standards #2 and #5. HDC staff confirmed the selected Pella line offers a diamond muntin pattern.



STAFF RECOMMENDATION

Section 21-2-78, Determination of Historic District Commission

It is staff's opinion the deterioration of the historic wood windows was not great enough to warrant replacement, and some of the replacement windows do not match the historic windows in size or appearance.

Staff therefore recommends that the Commission deny the proposal, as it fails to meet the Secretary of the Interior's Standards and the New Center Historic District's Elements of Design, especially Standards:

- (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, and;
- (5) Distinctive features, finishes, and construction techniques or examples of craftsmanship that characterize a historic property shall be preserved, and;
- (6) Deteriorated historic features shall be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature shall match the old in design, color, texture, and other visual quantities and, where possible, materials. Replacement of missing features shall be substantiated by documentary, physical, or pictorial evidence.







West Elevation, HDC staff photo



East Elevation, HDC staff photo



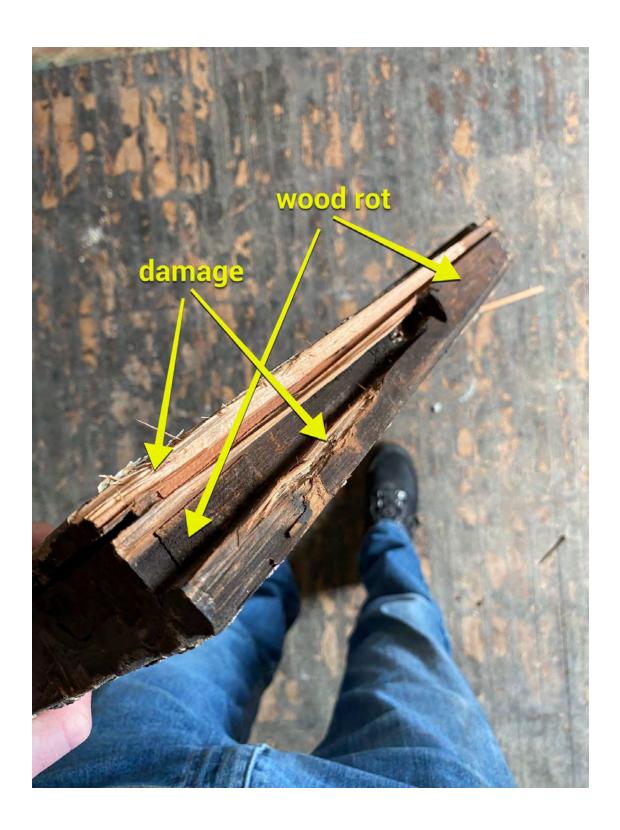
Front elevation, HDC staff photo Close-ups show replacement windows in second floor box bay, and historic sash remaining in first floor openings.

Description of current condition/Scope of Work:

• New windows have been installed throughout the entire home. The new windows are Pella Architect Traditional Series. Most are double hung, some with 1 over 1 patterns, others with divided light 9 over 1 and 6 over 1. All windows are a replica of the previous deteriorated window. The exterior is black clad and the interior is stained wood. The grilles are Ogee Integral Light Technology in ¾". The panes are Insulated Dual Low-E Glass.

Description of project:

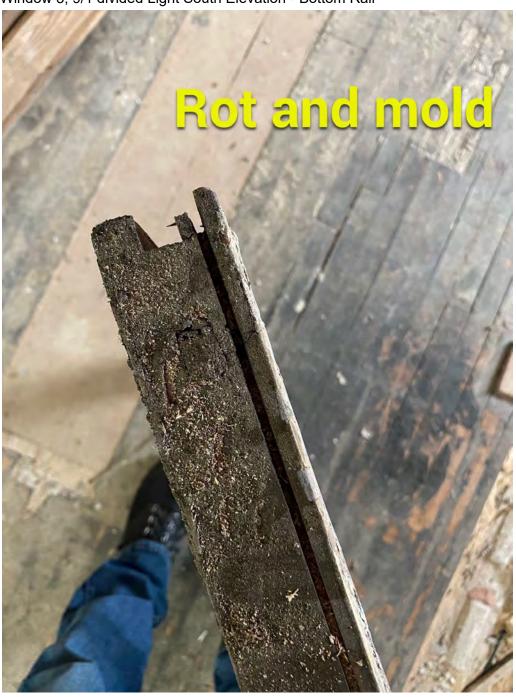
- 80% of windows had previous HDC approval for replacement. When our contractor/ crew began replacing approved windows- they noted most windows needed to be re-framed. When the crew attempted to remove 'unapproved' windows for repair, the same issues of reframing ensued. Several windows exhibited soft or molded wood, broken glass, absent or loose glazing, damaged/missing divided light mullions. Almost every window was painted shut and endured structural damage to the sash upon removal.
- When we originally were researching the cost of repairing the windows we realized we
 would need to also get storm windows as the existing windows wouldn't be energy
 efficient. The cost for storm windows alone was 18-22k.



Window 2, 9/1 divided Light South Elevation



Window 3, 9/1 divided Light South Elevation - Bottom Rail



Window 4, 9/1 divided light South Elevation - Right Sash

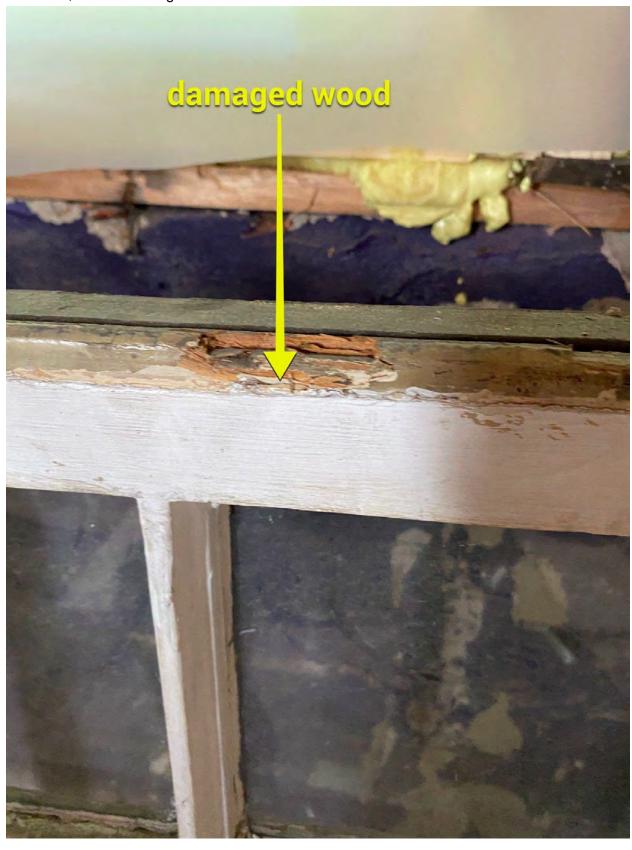


Window 5, 9/1divided light South Elevation



Window 6, 9/1 divided light East Elevation damaged wood

Window 8, 12/1 divided light West Elevation



Window 9, 12/1 divided light South Elevation damaged wood

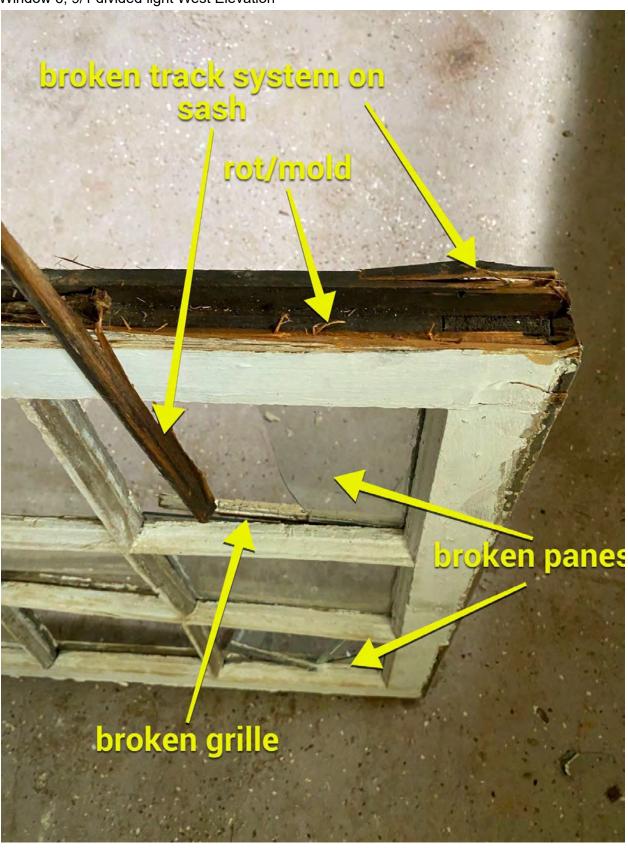
Window 7, 12/1 divided light South Elevation



Window , 9/1 divided light South Elevation



Window 6, 9/1 divided light West Elevation



West Elevation



South Elevation



East Elevation



Profile / dimension details of the existing windows compared to the proposed new windows

Example of existing 'original' wood window that has been identified for replacement:

- Sash Exterior Material : Wood (painted)
- Sash Interior Material: Wood (painted)
- Dimensions
 - Brick Mold Width: ~ 2 1/4"
 - o Stash Stil Width: ~ 1 5/8"
 - Upper Sash, Top Rail Width: ~ 1 ½"
 - Lower Sash, Bottom Rail Width: ~ 3"



Brick Mold Width



Upper Sash Upper Width



Sash Stil Width



Bottom Sash Bottom Width

New Windows that are proposed to replace existing damaged windows and vinyl windows.

- Pella Architect Series
- Sash Exterior Material :aluminum Clad Wood (factory painted)
 - o Proposed color: Black
- Sash Interior Material: Wood (stained)
- Dimensional Information
 - Brick Mold Width: ~ 2"
 - o Sash Stile Width: 1 7/16"
 - Upper Sash, Bottom Rail Width: 1 7/16"
 - o Lower Sash, Bottom Rail Width: 3"





1/1 double hung

16/1 double hung interior view

Grille Patterns

Grilles give the appearance of individual window panes. Pella offers many grille patterns to help enhance your home's architectural style.

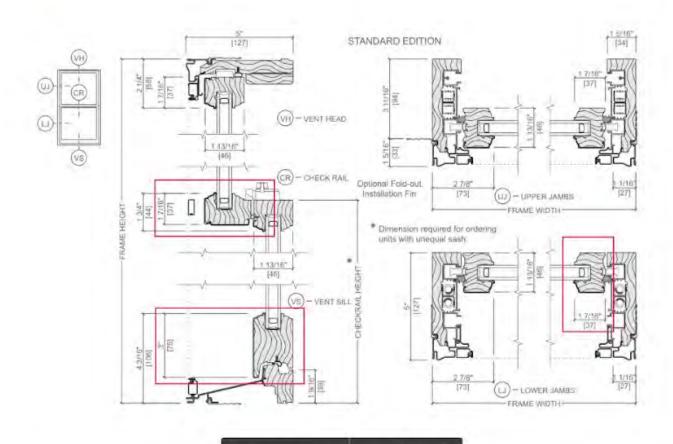




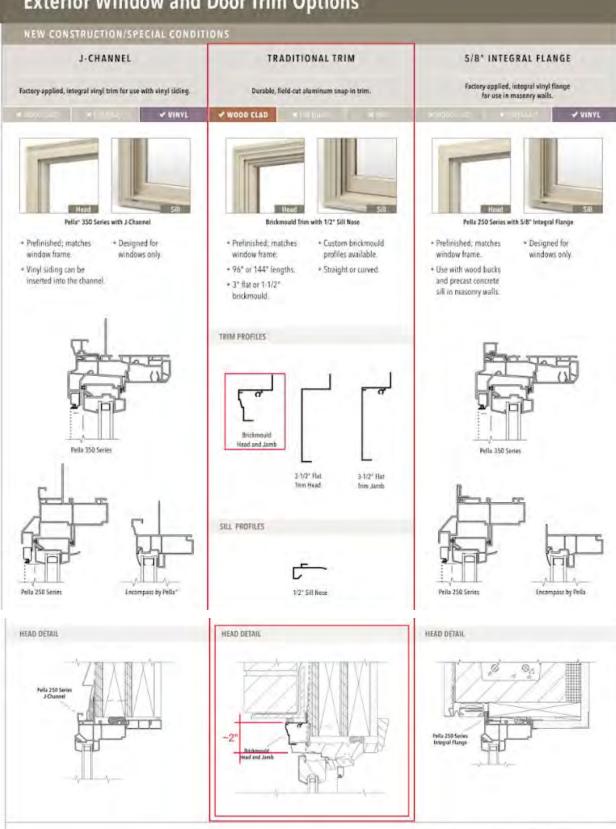


Architect Series* Traditional Hung Window

SE Unit Sections - Aluminum-Clad Ogee Exterior Glazing Profile



Exterior Window and Door Trim Options



For detailed drawings, visit installation systems on pro.pella.com/install.



WOOD

Pella® Architect Series® Traditional

\$\$\$-\$\$\$\$



Pella Architect Series Traditional double-hung window

FEATURES

Classic aesthetics featuring fine-furniture details

Virtually unlimited design choices including custom sizes and grille patterns

Stunning hardware in rich patinas and other timeless finishes

WINDOW STYLES

Custom sizes and fixed configurations are also available.



AWNING



BAY OR BOW





DOUBLE-HUNG



STYLES





BIFOLD









Colors & Finishes pella architect series traditional

WOOD TYPES

Choose the wood species that best complements your home's interior. White oak, red oak, cherry and maple are available as custom solutions.







PREFINISHED PINE INTERIOR COLORS

When you select pine, we can prefinish in your choice of seven stains or three paint colors. Unfinished or primed and ready-to-paint are also available.

NATURAL

STAIN

RED MAHOGANY STAIN WHEAT STAIN

ESPRESSO

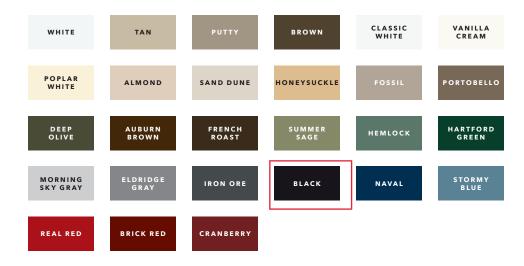
STAIN

WOOD TO REMAIN UNSTAINED - STAIN BY OWNER



ALUMINUM-CLAD EXTERIOR COLORS

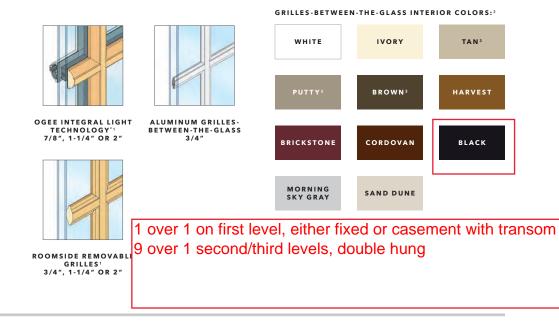
Our low-maintenance EnduraClad* exterior finish resists fading. Take durability one step further with EnduraClad Plus which also resists chalking and corrosion.* Custom colors are also available.



Grilles pella architect series traditional

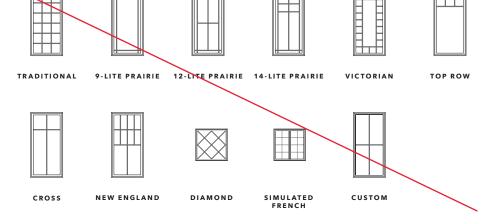
GRILLES

Choose the look of true divided light, removable roomside grilles or make cleaning easier by selecting grilles-between-the-glass.



GRILLE PATTERNS

In addition to the patterns shown here, custom grille patterns are available.



¹ Color-matched to your product's interior and exterior color.

 $^{^{2}}$ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.

³ Only available with matching interior and exterior colors.

Window Hardware pella architect series traditional

CLASSIC COLLECTION

Get a timeless look with authentic styles in classic finishes.



FOLD-AWAY CRANK Antiek



FINISHES:

















RUSTIC COLLECTION

Create a distinct and charming look with distressed finishes.



FOLD-AWAY CRANK Antiek



POON-STYLE

FINISHES:





ESSENTIAL COLLECTION

Select from popular designs and finishes to suit every style.



FOLD-AWAY CRANK



CAM-ACTION

FINISHES:













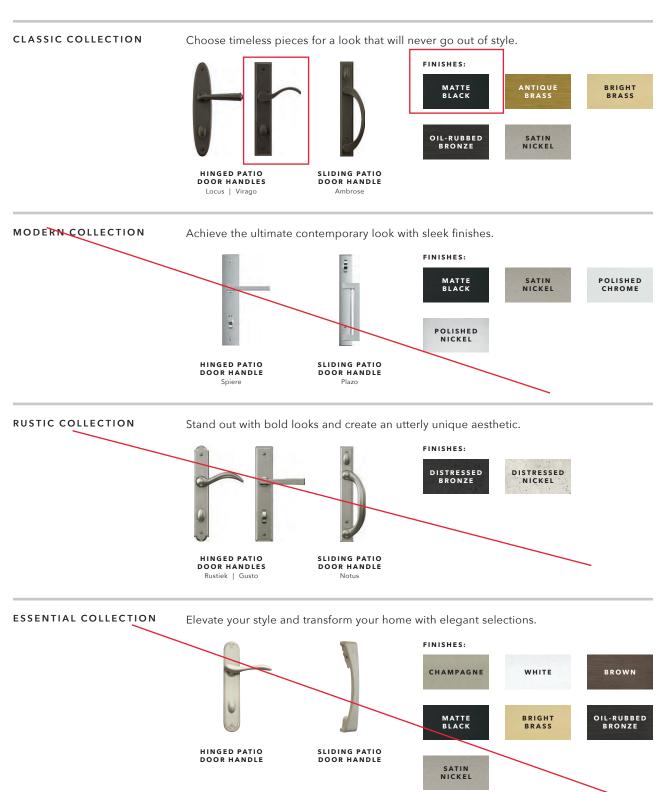


Added Security

INSYNCTIVE*
TECHNOLOGY

Choose optional built-in security sensors powered by Insynctive technology so you know at a glance if your windows are closed and patio doors are closed and locked.

Patio Door Hardware Pella Architect Series Traditional



¹ Different patio door hardware options available on Pella* Scenescape™ bifold and multi-slide products. See pella.com or contact your local Pella sales representative for availability.

Glass pella architect series traditional

INSULSHIELD* LOW-E GLASS

Advanced Low-E insulating dual- or triple-pane glass with argon or krypton^{1,2}

AdvancedComfort Low-E insulating dual-pane glass with argon'

NaturalSun Low-E insulating dual- or triple-pane glass with argon or krypton^{1,2}

SunDefense[™] Low-E insulating dual- or triple-pane glass with argon or krypton^{1,2}

ADDITIONAL GLASS OPTIONS

HurricaneShield® products with impact-resistant glass²,3

Laminated (non-impact-resistant)^{3,4}, tinted^{1,3} or obscure^{1,3} glass also available on select products

STC (Sound Transmission Class)-improved dual-pane sound glass^{2,5}

Screens⁶

ROLSCREEN*

Rolscreen soft-closing retractable screens roll out of sight when not in use.

(Available on casement windows and sliding patio doors only.)

FLAT

 $InView^{\text{TM}}$ screens are clearer than conventional screens. Vivid View* window screens offer the sharpest view.

WOOD-WRAPPED

Optional wood veneer can be added over the metal screen channel on interior screens to provide a more seamless look.

- ¹ Optional high-altitude InsulShield Low-E glass is available with or without argon on select products.
- 2 Available on select products only. See your local Pella sales representative for availability.
- $^{\rm 3}$ Available with Low-E insulating glass with argon on select products.
- 4 For best performance, the laminated glass may be in the interior or exterior pane of the insulating glass, depending on the product.
- ⁵ Sound control glass consists of dissimilar glass thickness (3mm/5mm).
- 6 Warning: Use caution when children or pets are around open windows and doors. Screens are not designed to retain children or pets.

Want to learn more? Call us at 833-44-PELLA or visit pella.com



The confidence of Pella's warranty.

Pella* Architect Series* products are covered by the best limited lifetime warranty for wood windows and patio doors.⁷ See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.

 $^{7}\,\textsc{Based}$ on comparing written limited warranties of leading national wood window and wood patio door brands.



Connect with Pella:









March 24, 2020

RE: 630 Virginia Park, Historic District Commission Submission

Description of Existing Window Conditions

The home is outfitted throughout with a mix of original wood windows and vinyl replacement windows. The majority of the windows are double-hung, with some having upper sashes with divided lights (9 over 1, or 16 over 1).

Overall, the remaining wood windows are in various stages of disrepair and damage. Below are common deficiencies found in the existing windows:

- Single pane glazing which is loose in the sash and in need of re-glazing and sealing.
- Surfaces of sash that have deteriorated or been damaged to the point that hardware is missing and cannot be reattached to surface.
- Rotting of window opening framing
- Lack of or complete degradation of window opening weather seals.
- Missing/broken glazing

Given the current state of the existing wood windows, and the introduction of non-compliant vinyl windows, the recommendation is to replace all windows with new wood windows to match the existing window operation and configurations.



Window Replacement

The following section indicates existing windows proposed to be replaced, and outlines issues that have been observed in each window. Please refer to the floor plans for window locations.

FIRST FLOOR WINDOWS

Window 1-01 (First Floor, West Elevation, Kitchen)

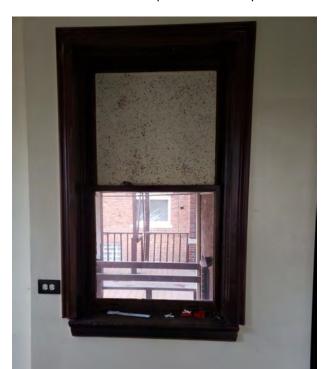
• Painted shut on inside and outside





Window 1-02 (First Floor, East Elevation, Kitchen)

- Glass missing in upper Sash
- Upper sash blocked by existing addition (to be demolished)



Window 1-03-05 (First Floor, North Elevation, Kitchen)

• Vinyl Replacement Windows





Window 1-06-07 (First Floor, South Elevation)

• Double Hung





Window 1-08-10 (First Floor, West Elevation)

fixed





SECOND FLOOR WINDOWS

Window 2-01-03 (Second Floor, South/West Elevation)

- Double Hung, 16 over 1
- Weak weather seal due to rot
- Extensive rot at sills and vertical framing



Window 2-04 (Second Floor, South Elevation)

- Double Hung, 9 over 1
- Extensive rot at sills and vertical framing



Window 2-05 (Second Floor, South Elevation)

- Double Hung, 9 over 1
- Extensive rot at sills and vertical framing
- Opening mechanism inoperable (painted shut)
- Broken lower sash





Window 2-06 (Second Floor, South Elevation)

- Double Hung, 9 over 1
- Extensive rot at sills and vertical framing



Window 2-07 (Second Floor, East Elevation)

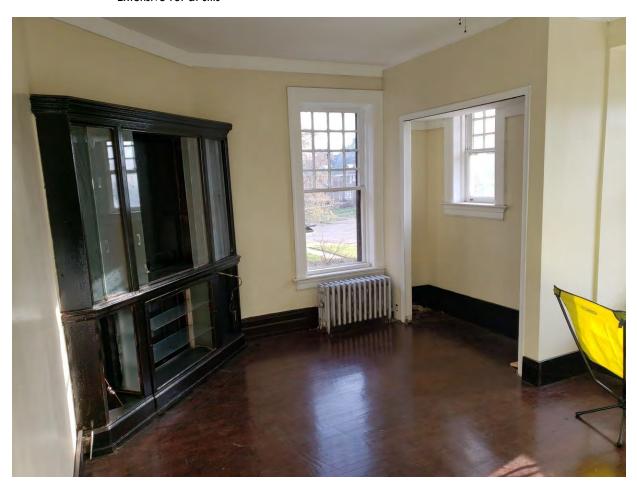
- Double Hung, 1 over 1
- Extensive rot at sills





Window 2-08-09 (Second Floor, East/South Elevation)

- Double Hung, 16 over 1, 9 over 1
- Extensive rot at sills



Window 2-10 (Second Floor, East Elevation)

- Currently door to fire escape that will be removed.
- Will be replaced with double-hung window



Window 2-11 (Second Floor, East Elevation)

- Double Hung, 1 over 1
- Vinyl Window





Window 2-12 (Second Floor, North Elevation)

- Double Hung, lover 1
- Vinyl Window



Window 2-13-14 (Second Floor, South Elevation)

- Double Hung, lover 1
- Vinyl Window
- Covered by existing addition (to be demolished)
- Door to be replaced



Broken Glass



Examples of typical damage

Operating hardware missing or inoperable



Rot at window sashes



THIRD FLOOR WINDOWS

ALL THIRD FLOOR WINDOWS ARE VINYL, AND ARE RECOMMENDED FOR REPLACEMENT WITH WOOD WINDOWS

Window 3-01



Window 3-02



Window 3-03-04



Window 3-05-07



Window 3-08



Window 3-09-10



Window 3-11-12





December 6th, 2019

Dear Alyce,

This is your Product Quotation for Allied Storm Windows reviewed for the Project. There are two quotation options outlined below.

Any changes to the quantities, types, sizes, shapes, finish, other features or services we have noted herein may change the amount of this Product Quotation.

Product Quotation – \$14,031.00

(AOL-A) Single Panel, Outside Removable with Invisible Clips- (5) Screens & Pre-Bowed (HOL-A) Single Panel, Inside Removable with Screens

(HOL-OP) Top Panel Fixed, Bottom Contains Operable Storm Panel & Permanent Screens,

Bottom Inside Removable, (14) Units Deep Guide (3) Sides

Foam Tape (3) Sides, Black Frames

Excluding Packaging, Shipping & Handling and Tax

| Location | Open | Qty. 36 | Description | Width | Height | Each |
|-----------------------|----------|---------|--------------------------|-------|--------|------|
| ATTIC | 3A/3C | 2 | HOL-OP Standard Paint w/ | 28 | 46 | 399 |
| ROOM 1 | | | screen | | | |
| ATTIC | 3B | 1 | HOL-OP Standard Paint w/ | 33 | 46 | 401 |
| ROOM 1 | | | screen | | | |
| ATTIC | 3D/3E | 2 | HOL-OP Standard Paint w/ | 29 | 44 | 399 |
| ROOM 2 | | | screen | | | |
| ATTIC | 31 | 1 | HOL-OP Standard Paint w/ | 28 | 64 | 456 |
| BATH | | | screen | | | |
| 2 ND FLOOR | 2A | 1 | HOL-OP Standard Paint w/ | 22 | 41 | 396 |
| ROOM 1 | | | screen | | | |
| 2 ND FLOOR | 2B/2C/2D | 3 | HOL-OP Standard Paint w/ | 26 | 63 | 455 |
| ROOM 1 | | | screen | | | |
| 2 ND FLOOR | 2P | 1 | HOL-OP Standard Paint w/ | 32 | 68 | 493 |
| ROOM 1 | | | screen | | | |
| SIDE | | | | | | |
| 2 ND FLOOR | 2E | 1 | HOL-OP Standard Paint w/ | 22 | 42 | 396 |
| ROOM 2 | | | screen | | | |
| CLOSET | | | | | | |
| 2 ND FLOOR | 2F/2G | 2 | HOL-OP Standard Paint w/ | 36 | 68 | 494 |
| ROOM 3 | | | screen | | | |
| 2 ND FLOOR | 2H | 1 | HOL-OP Standard Paint w/ | 32 | 66 | 492 |
| ROOM 3 | | | screen | | | |
| 2 ND FLOOR | 2J | 1 | HOL-OP Standard Paint w/ | 32 | 70 | 494 |
| ROOM 3 | | | screen | | | |
| 2 ND FLOOR | 20 | 1 | HOL-OP Standard Paint w/ | 32 | 68 | 493 |
| BATH | | | screen | | | |



| Restoring buildings. Restoring pride. | Restoring | buildings. | Restoring | pride. |
|---------------------------------------|-----------|------------|-----------|--------|
|---------------------------------------|-----------|------------|-----------|--------|

| LIVING | 1AL/1BL/1CL | 3 | AOL-A INVS standard paint | 29 | 48 | 342 |
|---------|-------------|---|-------------------------------|----|----|-----|
| | | | w/screen | | | |
| LIVING | 1AU/1BU/1CU | 3 | AOL-A INVS standard paint | 29 | 21 | 211 |
| | | | w/screen | | | |
| DINING | 1DU/1EU | 2 | AOL-A INVS standard paint | 35 | 20 | 212 |
| | | | w/screen | | | |
| DINING | 1DL/1EL | 2 | AOL-A INVS standard paint | 35 | 48 | 402 |
| | | | w/screen | | | |
| DINING | 1F/1G/1H | 3 | HOL-A Standard Pain w/ screen | 16 | 39 | 260 |
| KITCHEN | 11 | 1 | HOL-OP Standard Paint w/ | 32 | 57 | 454 |
| | | | screen | | | |
| BATH | 1J | 1 | HOL-OP Standard Paint w/ | 19 | 54 | 401 |
| | | | screen | | | |
| KITCHEN | 1K/1L | 2 | HOL-OP Standard Paint w/ | 29 | 57 | 453 |
| | | | screen | | | |
| LIVING | 1P | 1 | AOL-A INVS standard paint | 33 | 32 | 217 |
| ROOM | | | w/screen | | | |
| LIVING | 1Q | 1 | HOL-OP Standard Paint w/ | 31 | 73 | 495 |
| ROOM | | | screen | | | |

Packaging, shipping, handling

\$2,234.00

Shipment from Allied to Building Hugger and Building Hugger to site. Estimated for this proposal, final billing to reflect actual cost.

Delivery & Installation (optional)

\$4,175.00

Building Hugger home delivery.

Sales tax 6%

\$841.86

Determined by final product contract amount.

Grand total: \$21,281.86

This Allied Product Quotation is firm until January 5, 2020

Terms:

A payment equal to the subtotal, inclusive of the sales tax will be due to Building Hugger to secure the order placement. The final invoice reflective of final shipping & handling costs will be sent when these costs are made available.

Invoices shall be dated based on date services are furnished and/or products are received. Retention of payment is not included as part of this Quotation. Allied Window, Inc. and Building Hugger will not be penalized for any delays. This Quotation may only be accepted on the exact details, terms and conditions as set forth herein. No additional details, terms and conditions shall apply without written agreement by Allied Window, Inc. or Building Hugger. The terms and conditions of this Quotation shall become a part of your formal purchase order.

Currently Allied's estimated production lead-time for similar projects with a standard finish, from the date we receive your complete order details with final sizes, is approximately 8-12 weeks. Shipment will add another 1-2 weeks to this timeline.



We appreciate your interest and look forward to this opportunity of working with you on this Project. Please do not hesitate to call me if you have any questions. My cell phone number is 313-444-3543 or you can call the office for general questions.

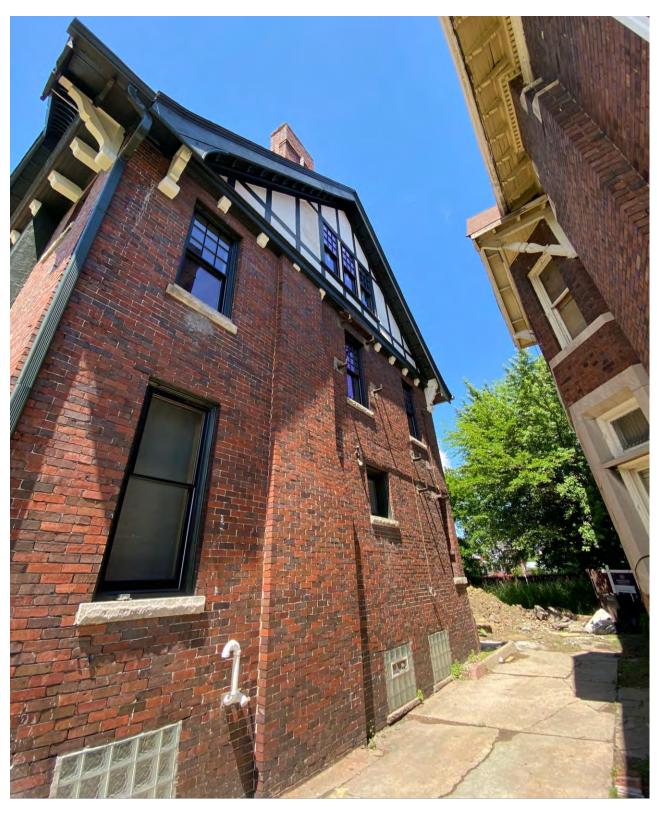
Sincerely,

Amy Swift CEO & Founder

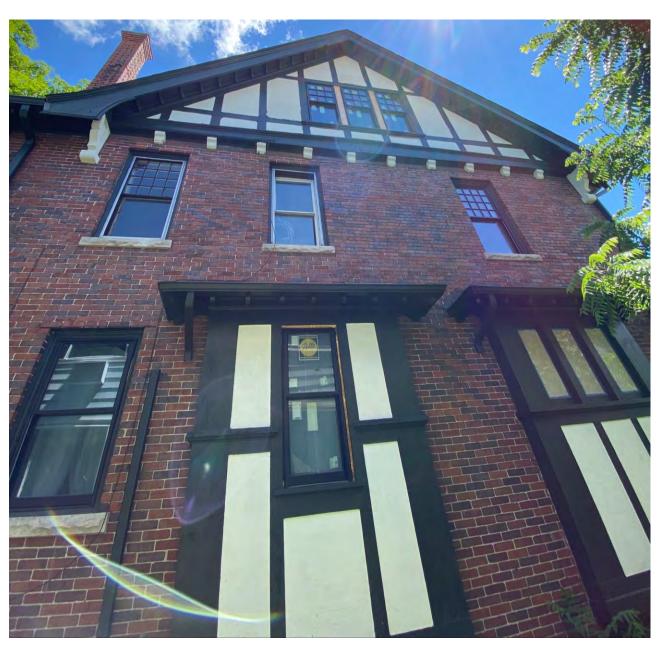
Building Hugger

Applicant photos, July 2021





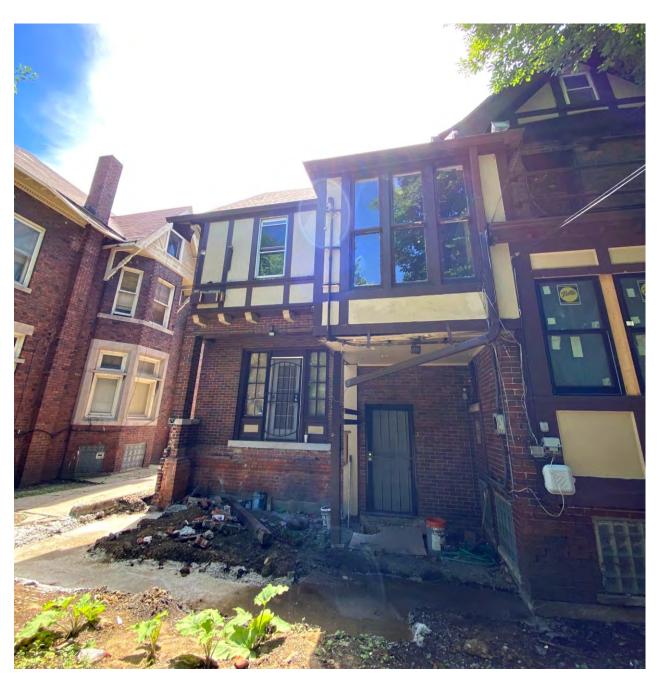
East elevation



West elevation



Rear elevation



Rear elevation