

**ISSUE:** Certificate of Appropriateness for alterations

**APPLICANT:** Jolynn Scotch

**LOCATION:** Old and Historic Alexandria District  
116 Gibbon Street

**ZONE:** RM/Residential Townhouse Zone

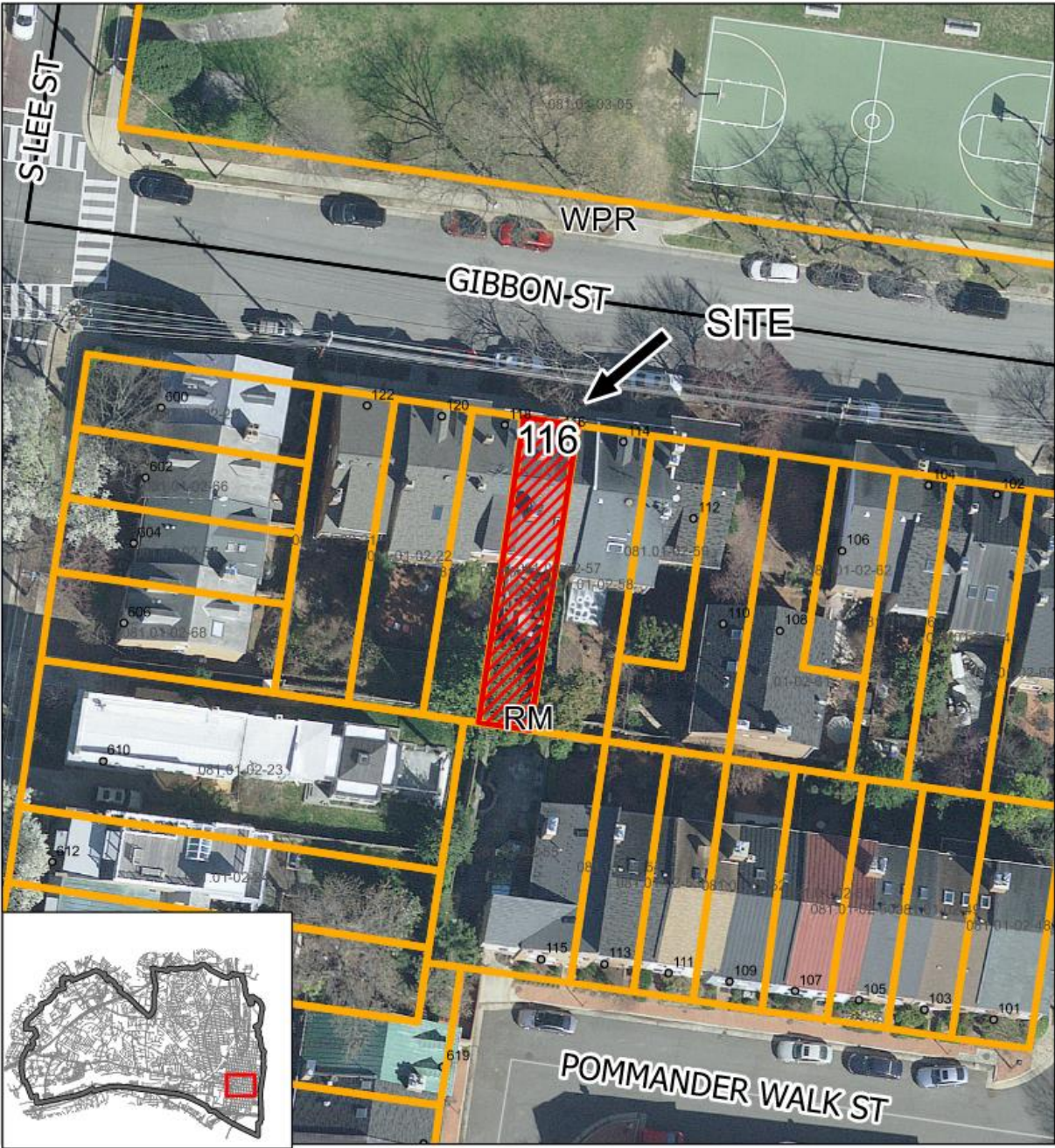
---

**STAFF RECOMMENDATION**

Staff recommends denial of the Certificate of Appropriateness for alterations

**GENERAL NOTES TO THE APPLICANT**

1. **APPEAL OF DECISION:** In accordance with the Zoning Ordinance, if the Board of Architectural Review denies or approves an application in whole or in part, the applicant or opponent may appeal the Board's decision to City Council on or before 14 days after the decision of the Board.
2. **COMPLIANCE WITH BAR POLICIES:** All materials must comply with the BAR's adopted policies unless otherwise specifically approved.
3. **BUILDING PERMITS:** Most projects approved by the Board of Architectural Review require the issuance of one or more construction permits by Department of Code Administration (including signs). The applicant is responsible for obtaining all necessary construction permits after receiving Board of Architectural Review approval. Contact Code Administration, Room 4200, City Hall, 703-746-4200 for further information.
4. **ISSUANCE OF CERTIFICATES OF APPROPRIATENESS AND PERMITS TO DEMOLISH:** Applicants must obtain a copy of the Certificate of Appropriateness or Permit to Demolish PRIOR to applying for a building permit. Contact BAR Staff, Room 2100, City Hall, 703-746-3833, or [preservation@alexandriava.gov](mailto:preservation@alexandriava.gov) for further information.
5. **EXPIRATION OF APPROVALS NOTE:** In accordance with Sections 10-106(B), 10-206(B) and 10-307 of the Zoning Ordinance, any Board of Architectural Review approval will expire 12 months from the date of issuance if the work is not commenced and diligently and substantially pursued by the end of that 12-month period.
6. **HISTORIC PROPERTY TAX CREDITS:** Applicants performing extensive, certified rehabilitations of historic properties may separately be eligible for state and/or federal tax credits. Consult with the Virginia Department of Historic Resources (VDHR) prior to initiating any work to determine whether the proposed project may qualify for such credits.



BAR #2022-00185  
116 Gibbon Street

0 15 30 60 Feet



## I. APPLICANT'S PROPOSAL

The applicant requests a Certificate of Appropriateness for alterations, at 116 Gibbon Street.

### Certificate of Appropriateness

The applicant proposes to replace nine windows with Andersen 400 Series casement and double-hung, insert (pocket), vinyl windows with muntins in-between glass and Low-E 4. Five windows are on the front/north elevation, two on the second floor, two on the third, and one dormer window, all visible from Gibbon Street (Figure 1). The other four windows are on the rear/south elevation, which is not visible from any public way, therefore, BAR approval for replacement of the rear windows is not required.



Figure 1 - Front/north elevation

The application does not specify which double-hung windows are being proposed to be replaced with casement windows. The window specifications state “family room,” but there is no reference to where such windows are located, front or rear elevations.

### Site context

The subject property sits in the middle of the 100 Block of Gibbon Street on the south side. There is no alley adjacent to this property and the rear is not visible from any public way.

## **II. HISTORY**

The row of six townhouses (112 – 122 Gibbon Street) was approved by the BAR on February 12, 1969.

### *Previous BAR Approvals*

No previously approved applications found for this property.

## **III. ANALYSIS**

### Certificate of Appropriateness

The BAR's *Design Guidelines* state that "windows and doors are character defining features of buildings that can greatly impact the style and aesthetic of a structure." Furthermore, the *Alexandria New and Replacement Window Performance Specifications in the Historic Districts* states that:

The material, form and design of windows on new construction, and replacement windows permitted on existing buildings pursuant to the *BAR's Policies for Administrative Approval for Windows*, must comply with the specifications below.

1. Replacement windows approved on Early buildings must be full frame replacements, or sash kits installed in the existing frame, rather than insert or pocket style replacements. Fiberglass windows, where permitted, may be insert - type windows only if they minimally obscure existing historic fabric and closely replicate historic window details such as muntin (grids), jamb, and trim profiles.
2. The dimensions and proportions of the window rails, stiles, muntins, frame, sill and exterior trim must match historically appropriate window proportions. Exterior trim on Early buildings may not be mitered at the corners.
3. Where permitted, multi-light insulated glass windows must have permanently fixed muntins on both the interior and exterior of the glass, with spacer bars between the glass. These are typically referred to as Simulated Divided Light (SDL) windows.
4. Muntins must be sized appropriately and paintable. Muntins that approximate historic putty profiles are preferred.
5. Generally, glazing must be clear, non-reflective and without tint. Where double glazing is permitted, Low-E (low emissivity) glass is encouraged for energy conservation. Low-E 272 glass meets these requirements.



6. The vinyl weatherstrip portion of wood window jambs should be minimally visible.
7. The applicant must submit complete window manufacturer technical specification sheets, or “cut sheets,” to BAR staff to confirm compliance with these specifications. All window replacements in the historic districts, except sash kits, also require a building permit from Code Administration.

Even though the subject property was built in 1969, and is therefore a Later Building (constructed after 1931) within the Old and Historic Alexandria District, the proposed vinyl-clad, insert (pocket) windows with muntins in-between glass and Low-E 4, do not comply with the Alexandria New and Replacement Window Performance Specifications in the Historic Districts cited above. Moreover, the building’s façade on Gibbon Street is setback less than three feet, which make materials perceivable to the passerby.

The application also proposes two double-hung windows to be replaced with casement windows, the Guidelines state that “Casement windows should generally only be used on the rear façades of buildings.” The rear façade of the subject property is not visible from any public way; therefore, no BAR approval is required to replace its windows, however, the front elevation windows MUST comply with the BAR Guidelines, standards, and policies. As noted above, the application does not indicate the location of the casement windows.

As per the arguments described above, staff recommends denial of the Certificate of Appropriateness for alterations.

#### **STAFF**

Marina Novaes, Historic Preservation Planner, Planning & Zoning

Tony LaColla, AICP, Land Use Services Division Chief, Planning & Zoning

### **III. CITY DEPARTMENT COMMENTS**

Legend: C- code requirement R- recommendation S- suggestion F- finding

#### **Zoning**

F-1 Proposed replacement windows comply with zoning.

#### **Code Administration**

F-1 Permit is required for replace windows

#### **Transportation and Environmental Services**

R-1 The building permit must be approved and issued prior to the issuance of any permit for demolition, if a separate demolition permit is required. (T&ES)

R-2 Applicant shall be responsible for repairs to the adjacent city right-of-way if damaged during construction activity. (T&ES)

- R-3 No permanent structure may be constructed over any existing private and/or public utility easements. It is the responsibility of the applicant to identify any and all existing easements on the plan. (T&ES)
- F-1 After a review of the information provided, an approved grading plan is not required at this time. Please note that if any changes are made to the plan it is suggested that T&ES be included in the review. (T&ES)
- C-1 The applicant shall comply with the City of Alexandria's Solid Waste Control, Title 5, Chapter 1, which sets forth the requirements for the recycling of materials (Sec. 5-1-99). (T&ES)
- C-2 The applicant shall comply with the City of Alexandria's Noise Control Code, Title 11, Chapter 5, which sets the maximum permissible noise level as measured at the property line. (T&ES)
- C-3 Roof, surface and sub-surface drains be connected to the public storm sewer system, if available, by continuous underground pipe. Where storm sewer is not available applicant must provide a design to mitigate impact of stormwater drainage onto adjacent properties and to the satisfaction of the Director of Transportation & Environmental Services. (Sec.5-6-224) (T&ES)
- C-4 All secondary utilities serving this site shall be placed underground. (Sec. 5-3-3) (T&ES)
- C-5 Any work within the right-of-way requires a separate permit from T&ES. (Sec. 5-2) (T&ES)
- C-6 All improvements to the city right-of-way such as curbing, sidewalk, driveway aprons, etc. must be city standard design. (Sec. 5-2-1) (T&ES)

**Alexandria Archaeology**

- F-1 No archaeological oversight necessary.

**V. ATTACHMENTS**

*1 – Supplemental Materials*

*2 – Application for BAR 2022-00185: 116 Gibbon Street*

ADDRESS OF PROJECT: 116 GIBBON ST. ALEXANDRIA, VA 22314DISTRICT: ☒ Old & Historic Alexandria ☐ Parker – Gray ☐ 100 Year Old Building

TAX MAP AND PARCEL: \_\_\_\_\_ ZONING: \_\_\_\_\_

APPLICATION FOR: *(Please check all that apply)*☒ CERTIFICATE OF APPROPRIATENESS☐ PERMIT TO MOVE, REMOVE, ENCAPSULATE OR DEMOLISH  
*(Required if more than 25 square feet of a structure is to be demolished/impacted)*☐ WAIVER OF VISION CLEARANCE REQUIREMENT and/or YARD REQUIREMENTS IN A VISION  
CLEARANCE AREA (Section 7-802, Alexandria 1992 Zoning Ordinance)☐ WAIVER OF ROOFTOP HVAC SCREENING REQUIREMENT  
*(Section 6-403(B)(3), Alexandria 1992 Zoning Ordinance)*Applicant: ☐ Property Owner ☐ Business *(Please provide business name & contact person)*Name: TIM RILEYAddress: P.O. BOX 341262City: MEMPHIS State: TN Zip: 38184Phone: 901-471-1043 E-mail: TIM@TNGBUILDINGPERMITS.COMAuthorized Agent *(if applicable)*: ☐ Attorney ☐ Architect ☐ \_\_\_\_\_Name: SAME Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

Legal Property Owner:

Name: JOLYNN SCOTCHAddress: 116 GIBBON ST.City: ALEXANDRIA State: VA Zip: 22314Phone: 703-899-8087 E-mail: \_\_\_\_\_

- ☐ Yes ☐ No Is there an historic preservation easement on this property?
- ☐ Yes ☐ No If yes, has the easement holder agreed to the proposed alterations?
- ☐ Yes ☐ No Is there a homeowner's association for this property?
- ☐ Yes ☐ No If yes, has the homeowner's association approved the proposed alterations?

If you answered yes to any of the above, please attach a copy of the letter approving the project.

**NATURE OF PROPOSED WORK:** *Please check all that apply*

- ☐ NEW CONSTRUCTION
- ☒ EXTERIOR ALTERATION: *Please check all that apply.*
- |                                      |   |   |                                   |
|--------------------------------------|---|---|-----------------------------------|
| <input type="checkbox"/> awning      | <input type="checkbox"/> fence, gate or garden wall | <input type="checkbox"/> HVAC equipment             | <input type="checkbox"/> shutters |
| <input type="checkbox"/> doors       | <input checked="" type="checkbox"/> windows         | <input type="checkbox"/> siding                     | <input type="checkbox"/> shed     |
| <input type="checkbox"/> lighting    | <input type="checkbox"/> pergola/trellis            | <input type="checkbox"/> painting unpainted masonry |                                   |
| <input type="checkbox"/> other _____ |   |   |                                   |
- ☐ ADDITION
- ☐ DEMOLITION/ENCAPSULATION
- ☐ SIGNAGE

**DESCRIPTION OF PROPOSED WORK:** *Please describe the proposed work in detail (Additional pages may be attached).*

INSTALL NINE (9) ANDERSEN 400 SERIES WINDOWS. SAME SIZE, SHAPE, AND  
LOCATION AS THE EXISTING WINDOWS.

**SUBMITTAL REQUIREMENTS:**

Items listed below comprise the **minimum supporting materials** for BAR applications. Staff may request additional information during application review. Please refer to the relevant section of the *Design Guidelines* for further information on appropriate treatments.

Applicants must use the checklist below to ensure the application is complete. Include all information and material that are necessary to thoroughly describe the project. Incomplete applications will delay the docketing of the application for review. Pre-application meetings are required for all proposed additions. All applicants are encouraged to meet with staff prior to submission of a completed application.

**Demolition/Encapsulation :** *All applicants requesting 25 square feet or more of demolition/encapsulation must complete this section. Check N/A if an item in this section does not apply to your project.*

- N/A
- ☐ ☐ Survey plat showing the extent of the proposed demolition/encapsulation.
- ☐ ☐ Existing elevation drawings clearly showing all elements proposed for demolition/encapsulation.
- ☐ ☐ Clear and labeled photographs of all elevations of the building if the entire structure is proposed to be demolished.
- ☐ ☐ Description of the reason for demolition/encapsulation.
- ☐ ☐ Description of the alternatives to demolition/encapsulation and why such alternatives are not considered feasible.



**Additions & New Construction:** *Drawings must be to scale and should not exceed 11" x 17" unless approved by staff. Check N/A if an item in this section does not apply to your project.*

- ☐ <sup>N/A</sup> ☐ Scaled survey plat showing dimensions of lot and location of existing building and other structures on the lot, location of proposed structure or addition, dimensions of existing structure(s), proposed addition or new construction, and all exterior, ground and roof mounted equipment.
- ☐ ☐ FAR & Open Space calculation form.
- ☐ ☐ Clear and labeled photographs of the site, surrounding properties and existing structures, if applicable.
- ☐ ☐ Existing elevations must be scaled and include dimensions.
- ☐ ☐ Proposed elevations must be scaled and include dimensions. Include the relationship to adjacent structures in plan and elevations.
- ☐ ☐ Materials and colors to be used must be specified and delineated on the drawings. Actual samples may be provided or required.
- ☐ ☐ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☐ ☐ For development site plan projects, a model showing mass relationships to adjacent properties and structures.

**Signs & Awnings:** *One sign per building under one square foot does not require BAR approval unless illuminated. All other signs including window signs require BAR approval. Check N/A if an item in this section does not apply to your project.*

- ☐ <sup>N/A</sup> ☐ Linear feet of building: Front: \_\_\_\_\_ Secondary front (if corner lot): \_\_\_\_\_.
- ☐ ☐ Square feet of existing signs to remain: \_\_\_\_\_.
- ☐ ☐ Photograph of building showing existing conditions.
- ☐ ☐ Dimensioned drawings of proposed sign identifying materials, color, lettering style and text.
- ☐ ☐ Location of sign (show exact location on building including the height above sidewalk).
- ☐ ☐ Means of attachment (drawing or manufacturer's cut sheet of bracket if applicable).
- ☐ ☐ Description of lighting (if applicable). Include manufacturer's cut sheet for any new lighting fixtures and information detailing how it will be attached to the building's facade.

**Alterations:** *Check N/A if an item in this section does not apply to your project.*

- ☐ <sup>N/A</sup> ☐ Clear and labeled photographs of the site, especially the area being impacted by the alterations, all sides of the building and any pertinent details.
- ☐ ☐ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☐ ☐ Drawings accurately representing the changes to the proposed structure, including materials and overall dimensions. Drawings must be to scale.
- ☐ ☐ An official survey plat showing the proposed locations of HVAC units, fences, and sheds.
- ☐ ☐ Historic elevations or photographs should accompany any request to return a structure to an earlier appearance.

**ALL APPLICATIONS:** *Please read and check that you have read and understand the following items:*

- ☐ I have submitted a filing fee with this application. (Checks should be made payable to the City of Alexandria. Please contact staff for assistance in determining the appropriate fee.)
- ☐ I understand the notice requirements and will return a copy of the three respective notice forms to BAR staff at least five days prior to the hearing. If I am unsure to whom I should send notice I will contact Planning and Zoning staff for assistance in identifying adjacent parcels.
- ☐ I, the applicant, or an authorized representative will be present at the public hearing.
- ☐ I understand that any revisions to this initial application submission (including applications deferred for restudy) must be accompanied by the BAR Supplemental form and revised materials.

The undersigned hereby attests that all of the information herein provided including the site plan, building elevations, prospective drawings of the project, and written descriptive information are true, correct and accurate. The undersigned further understands that, should such information be found incorrect, any action taken by the Board based on such information may be invalidated. The undersigned also hereby grants the City of Alexandria permission to post placard notice as required by Article XI, Division A, Section 11-301(B) of the 1992 Alexandria City Zoning Ordinance, on the property which is the subject of this application. The undersigned also hereby authorizes the City staff and members of the BAR to inspect this site as necessary in the course of research and evaluating the application. The applicant, if other than the property owner, also attests that he/she has obtained permission from the property owner to make this application.

**APPLICANT OR AUTHORIZED AGENT:**

Signature: Jim Riley

Printed Name: TIM RILEY

Date: 4/7/2022

116 Gibbon St. Alexandria, VA 22314

Scope of Work: Install nine (9) Andersen 400 Series windows. Same size, shape, appearance and location as the existing windows.



Figure 1 Front Facade



Replacing 4 windows on rear facade.

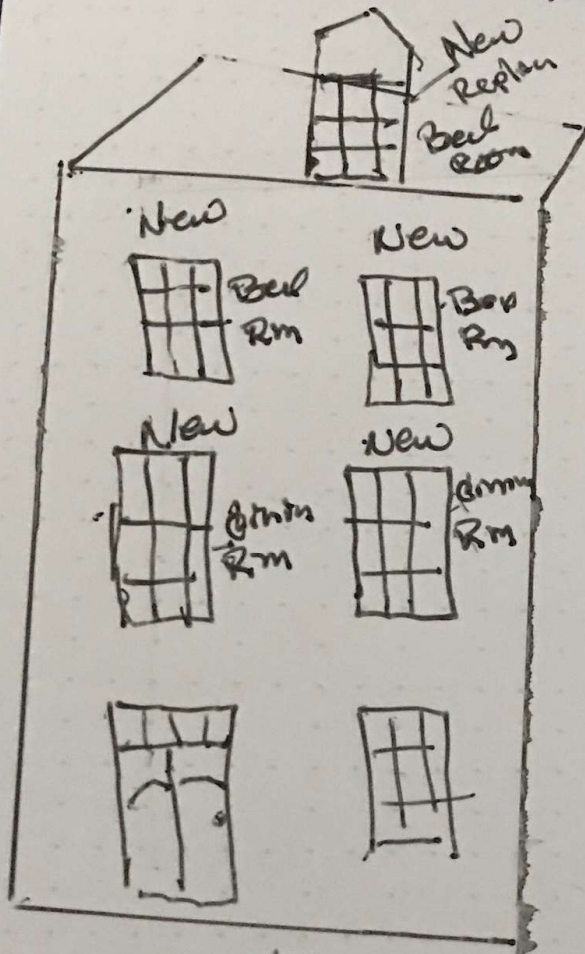
*Figure 2 Rear Facade*





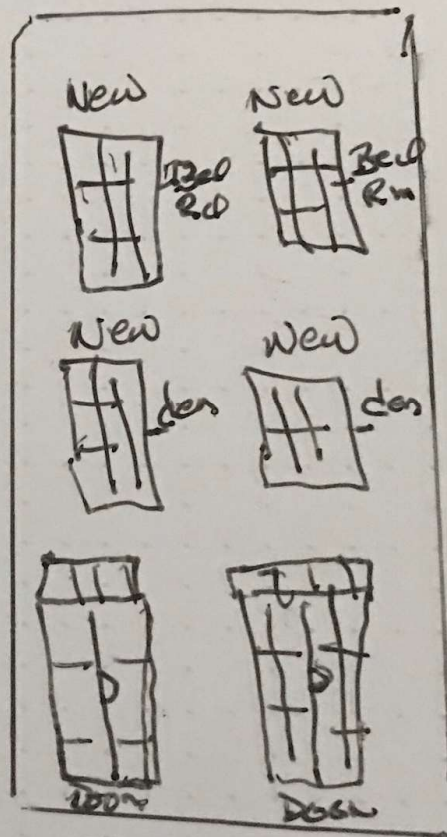
*Figure 3 Aerial View*

Scotch - 11100323  
 116 Gibbon Street  
 Alexandria, VA  
 22314



Front

Very Top window  
 3rd Floor - Left + Right  
 2nd Floor Left + Right



Back

3rd - Bed Rm  
 2nd - den

See Also photo  
 on



**SOLD BY:**

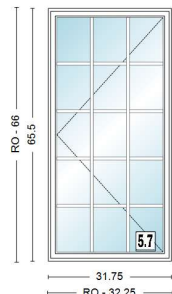
 HDIS Northern Virginia-Lorton  
 2455 PACES FERRY RD NW  
 Atlanta, GA 30339-4024  
 Fax: 866-224-3646

**SOLD TO:**
**QUOTE DATE**

10/5/2021

## Abbreviated Quote Report

QUOTE NAME	PROJECT NAME	QUOTE NUMBER	CUSTOMER PO#	TRADE ID
11100323	Scotch	1381839		

**ORDER NOTES:**
**DELIVERY NOTES:**

Item
Qty
Operation
Location
**100**
**1**
**Left**
**Family Room**
**RO Size = 32 1/4" x 66"**
**Unit Size = 31 3/4" x 65 1/2"**

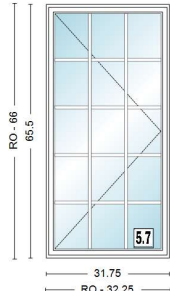
PSC 2' 7 3/4"X5' 5 1/2", Unit, 400 Series Casement, No Flange, White Exterior Frame, White Exterior Sash/Panel, Pine w/White - Painted Interior Frame, Left, Hinge for Widest Clear Opening, Dual Pane Low-E4 SmartSun Standard Series Argon Fill Finelight Grilles-Between-the-Glass 3 Wide, 5 High, Specified Equal Light Pattern, White, w/White, 3/4" Grille Bar, Estate, Satin Nickel, White, Full Screen, Aluminum

Wrapping: Interior Drywall Return Bead Pine / White - Vinyl Wrapped Wide Complete Unit Extension Jambs, Factory Applied

Hardware: PSC Estate Satin Nickel PN:1361555

Insect Screen 1: 400 Series Casement, PSC 31.75 x 65.5 Full Screen Aluminum White

Unit #	U-Factor	SHGC	Clear Opening/Unit #	Width	Height	Area (Sq. Ft)	Comments:
A1	0.29	0.2	A1	25.9410	60.6480	10.9255	



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
<b>200</b>	<b>1</b>	<b>Right</b>	<b>Family Room</b>

**RO Size = 32 1/4" x 66"**

**Unit Size = 31 3/4" x 65 1/2"**

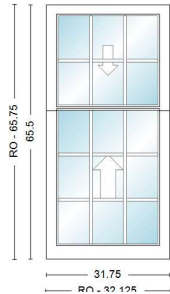
PSC 2' 7 3/4"X5' 5 1/2", Unit, 400 Series Casement, No Flange, White Exterior Frame, White Exterior Sash/Panel, Pine w/White - Painted Interior Frame, Right, Hinge for Widest Clear Opening, Dual Pane Low-E4 SmartSun Standard Series Argon Fill Finelight Grilles-Between-the-Glass 3 Wide, 5 High, Specified Equal Light Pattern, White, w/White, 3/4" Grille Bar, Estate, Satin Nickel, White, Full Screen, Aluminum

Wrapping: Interior Drywall Return Bead Pine / White - Vinyl Wrapped Wide Complete Unit Extension Jambs, Factory Applied

Hardware: PSC Estate Satin Nickel PN:1361555

Insect Screen 1: 400 Series Casement, PSC 31.75 x 65.5 Full Screen Aluminum White

<u>Unit #</u>	<u>U-Factor</u>	<u>SHGC</u>	<u>Clear Opening/Unit #</u>	<u>Width</u>	<u>Height</u>	<u>Area (Sq. Ft)</u>	<u>Comments:</u>
A1	0.29	0.2	A1	25.9410	60.6480	10.9255	



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
<b>300</b>	<b>1</b>	<b>AA</b>	<b>Dining Room</b>

**RO Size = 32 1/8" x 65 3/4"**

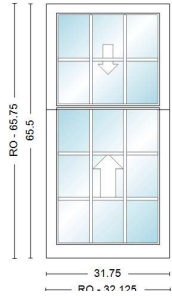
**Unit Size = 31 3/4" x 65 1/2"**

TWI 2' 7 3/4"X5' 5 1/2", Unit, 0 Degrees - Flat, 400 Series Double-Hung-Insert, Cottage, White Exterior Frame, White Exterior Sash/Panel, Pine w/White - Painted Interior Frame, Pine w/White - Painted Interior Sash/Panel, AA, Dual Pane Low-E4 SmartSun Standard Argon Fill Finelight Grilles-Between-the-Glass 3 Wide, Unit 1 Glass 1: 3 High, Unit 1 Glass 2: 2 High, Specified Equal Light Pattern, White, w/White, 3/4" Grille Bar, Estate, 1 Sash Locks Satin Nickel, WhiteJamb Liner, White, Full Screen, Aluminum

Optional Lock Hardware 1: TWI Estate Satin Nickel PN:1642924

Insect Screen 1: 400 Series Double-Hung-Insert, TWI 31.75 x 65.5 0 Degrees - Flat Full Screen Aluminum White

<u>Unit #</u>	<u>U-Factor</u>	<u>SHGC</u>	<u>Clear Opening/Unit #</u>	<u>Width</u>	<u>Height</u>	<u>Area (Sq. Ft)</u>	<u>Comments:</u>
A1	0.3	0.19	A1	27.9520	22.7750	4.42090	



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
400	1	AA	Dining Room

RO Size = 32 1/8" x 65 3/4"

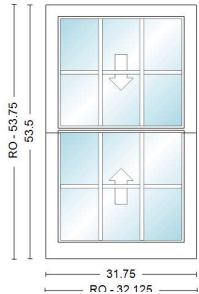
Unit Size = 31 3/4" x 65 1/2"

TWI 2' 7 3/4"X5' 5 1/2", Unit, 0 Degrees - Flat, 400 Series Double-Hung-Insert, Cottage, White Exterior Frame, White Exterior Sash/Panel, Pine w/White - Painted Interior Frame, Pine w/White - Painted Interior Sash/Panel, AA, Dual Pane Low-E4 SmartSun Standard Argon Fill Finelight Grilles-Between-the-Glass 3 Wide, Unit 1 Glass 1: 3 High, Unit 1 Glass 2: 2 High, Specified Equal Light Pattern, White, w/White, 3/4" Grille Bar, Estate, 1 Sash Locks Satin Nickel, WhiteJamb Liner, White, Full Screen, Aluminum

Optional Lock Hardware 1: TWI Estate Satin Nickel PN:1642924

Insect Screen 1: 400 Series Double-Hung-Insert, TWI 31.75 x 65.5 0 Degrees - Flat Full Screen Aluminum White

Unit #	U-Factor	SHGC	Clear Opening/Unit #	Width	Height	Area (Sq. Ft)	Comments:
A1	0.3	0.19	A1	27.9520	22.7750	4.42090	



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
500	1	AA	Master Bedroom

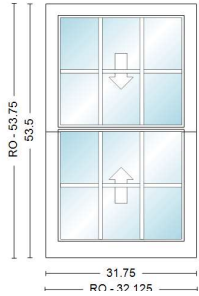
RO Size = 32 1/8" x 53 3/4"

Unit Size = 31 3/4" x 53 1/2"

TWI 2' 7 3/4"X4' 5 1/2", Unit, 0 Degrees - Flat, 400 Series Double-Hung-Insert, Equal Sash, White Exterior Frame, White Exterior Sash/Panel, Pine w/White - Painted Interior Frame, Pine w/White - Painted Interior Sash/Panel, AA, Dual Pane Low-E4 SmartSun Standard Argon Fill Finelight Grilles-Between-the-Glass 3 Wide, 2 High, Specified Equal Light Pattern, White, w/White, 3/4" Grille Bar, Traditional, 1 Sash Locks White (Factory Applied), WhiteJamb Liner, White, Full Screen, Aluminum

Insect Screen 1: 400 Series Double-Hung-Insert, TWI 31.75 x 53.5 0 Degrees - Flat Full Screen Aluminum White

Unit #	U-Factor	SHGC	Clear Opening/Unit #	Width	Height	Area (Sq. Ft)	Comments:
A1	0.3	0.19	A1	27.9520	22.0790	4.28580	



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
600	1	AA	Master Bedroom

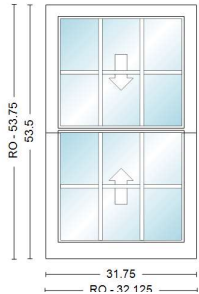
RO Size = 32 1/8" x 53 3/4"

Unit Size = 31 3/4" x 53 1/2"

TWI 2' 7 3/4"X4' 5 1/2", Unit, 0 Degrees - Flat, 400 Series Double-Hung-Insert, Equal Sash, White Exterior Frame, White Exterior Sash/Panel, Pine w/White - Painted Interior Frame, Pine w/White - Painted Interior Sash/Panel, AA, Dual Pane Low-E4 SmartSun Standard Argon Fill Finelight Grilles-Between-the-Glass 3 Wide, 2 High, Specified Equal Light Pattern, White, w/White, 3/4" Grille Bar, Traditional, 1 Sash Locks White (Factory Applied), WhiteJamb Liner, White, Full Screen, Aluminum

Insect Screen 1: 400 Series Double-Hung-Insert, TWI 31.75 x 53.5 0 Degrees - Flat Full Screen Aluminum White

Unit #	U-Factor	SHGC	Clear Opening/Unit #	Width	Height	Area (Sq. Ft)	Comments:
A1	0.3	0.19	A1	27.9520	22.0790	4.28580	



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
700	1	AA	Bedroom 1

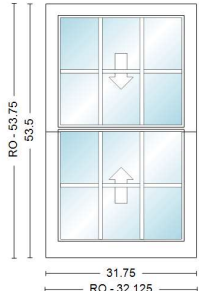
RO Size = 32 1/8" x 53 3/4"

Unit Size = 31 3/4" x 53 1/2"

TWI 2' 7 3/4"X4' 5 1/2", Unit, 0 Degrees - Flat, 400 Series Double-Hung-Insert, Equal Sash, White Exterior Frame, White Exterior Sash/Panel, Pine w/White - Painted Interior Frame, Pine w/White - Painted Interior Sash/Panel, AA, Dual Pane Low-E4 SmartSun Standard Argon Fill Finelight Grilles-Between-the-Glass 3 Wide, 2 High, Specified Equal Light Pattern, White, w/White, 3/4" Grille Bar, Traditional, 1 Sash Locks White (Factory Applied), WhiteJamb Liner, White, Full Screen, Aluminum

Insect Screen 1: 400 Series Double-Hung-Insert, TWI 31.75 x 53.5 0 Degrees - Flat Full Screen Aluminum White

Unit #	U-Factor	SHGC	Clear Opening/Unit #	Width	Height	Area (Sq. Ft)	Comments:
A1	0.3	0.19	A1	27.9520	22.0790	4.28580	



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
800	1	AA	Bedroom 1

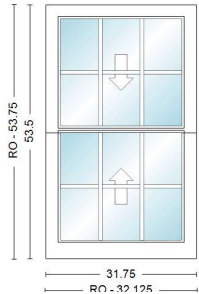
RO Size = 32 1/8" x 53 3/4"

Unit Size = 31 3/4" x 53 1/2"

TWI 2' 7 3/4"X4' 5 1/2", Unit, 0 Degrees - Flat, 400 Series Double-Hung-Insert, Equal Sash, White Exterior Frame, White Exterior Sash/Panel, Pine w/White - Painted Interior Frame, Pine w/White - Painted Interior Sash/Panel, AA, Dual Pane Low-E4 SmartSun Standard Argon Fill Finelight Grilles-Between-the-Glass 3 Wide, 2 High, Specified Equal Light Pattern, White, w/White, 3/4" Grille Bar, Traditional, 1 Sash Locks White (Factory Applied), WhiteJamb Liner, White, Full Screen, Aluminum

Insect Screen 1: 400 Series Double-Hung-Insert, TWI 31.75 x 53.5 0 Degrees - Flat Full Screen Aluminum White

<u>Unit #</u>	<u>U-Factor</u>	<u>SHGC</u>	<u>Clear Opening/Unit #</u>	<u>Width</u>	<u>Height</u>	<u>Area (Sq. Ft)</u>	<u>Comments:</u>
A1	0.3	0.19	A1	27.9520	22.0790	4.28580	



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
900	1	AA	Bedroom 2

RO Size = 32 1/8" x 53 3/4"

Unit Size = 31 3/4" x 53 1/2"

TWI 2' 7 3/4"X4' 5 1/2", Unit, 0 Degrees - Flat, 400 Series Double-Hung-Insert, Equal Sash, White Exterior Frame, White Exterior Sash/Panel, Pine w/White - Painted Interior Frame, Pine w/White - Painted Interior Sash/Panel, AA, Dual Pane Low-E4 SmartSun Standard Argon Fill Finelight Grilles-Between-the-Glass 3 Wide, 2 High, Specified Equal Light Pattern, White, w/White, 3/4" Grille Bar, Traditional, 1 Sash Locks White (Factory Applied), WhiteJamb Liner, White, Full Screen, Aluminum

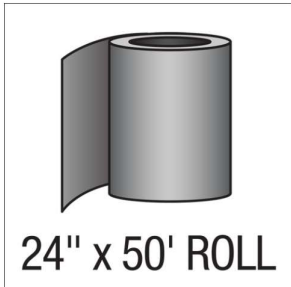
Insect Screen 1: 400 Series Double-Hung-Insert, TWI 31.75 x 53.5 0 Degrees - Flat Full Screen Aluminum White

<u>Unit #</u>	<u>U-Factor</u>	<u>SHGC</u>	<u>Clear Opening/Unit #</u>	<u>Width</u>	<u>Height</u>	<u>Area (Sq. Ft)</u>	<u>Comments:</u>
A1	0.3	0.19	A1	27.9520	22.0790	4.28580	



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
1000	12	N A	None Assigned
RO Size =		Unit Size =	
10.1FLOZTUBE, SEALANT WHITE ANDERSEN FOR INSTALLATION PN:9105774			

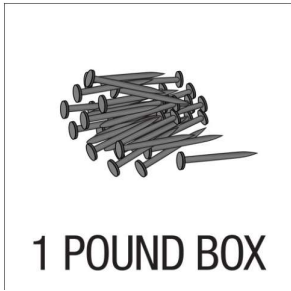
Comments:



<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
1100	1	N A	None Assigned
RO Size =		Unit Size =	
24INX50FT, TRIM COIL, WHITE ALUMINUM LOW GLOSS PN:9118927			

Comments:





<u>Item</u>	<u>Qty</u>	<u>Operation</u>	<u>Location</u>
1200	1	N A	None Assigned
RO Size = Unit Size =			
15GAX1-1/4, NAIL, WHITE TRIM QTY 1 POUND PN:9041705			

Comments:

---

CUSTOMER SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

---

\* All graphics as viewed from the exterior. \*\* Rough opening dimensions are minimums and may need to be increased to allow for use of building wraps or flashings or sill panning or brackets or fasteners or other items.

Thank you for choosing Andersen Windows & Doors