



**COMMISSION OF ARCHITECTURAL REVIEW**  
**APPLICATION FOR CERTIFICATE OF APPROPRIATENESS**  
**ECE VED**

PROPERTY (location of work) \_\_\_\_\_  
 Address 100 East Leigh Street JAN 25 2018  
 Historic district Jackson Ward

Date/time rec'd: <u>JAN. 25, 2018 12:18</u>
Rec'd by: <u>MCKAE</u>
Application #: <u>COA-029601-2018</u>
Hearing date: <u>2/27/18</u>

**APPLICANT INFORMATION**

Name Augustus Johnson IV Phone 804.212.4028  
 Company \_\_\_\_\_ Email gjohnson195@gmail.com  
 Mailing Address 100 East Leigh Street  
Richmond, VA 23219  
 Applicant Type:  Owner  Agent  
 Lessee  Architect  Contractor  
 Other (please specify): \_\_\_\_\_

**OWNER INFORMATION (if different from above)**

Name \_\_\_\_\_ Company \_\_\_\_\_  
 Mailing Address \_\_\_\_\_ Phone \_\_\_\_\_  
 \_\_\_\_\_ Email \_\_\_\_\_

**PROJECT INFORMATION**

Review Type:  Conceptual Review  Final Review  
 Project Type:  Alteration  Demolition  New Construction  
 (Conceptual Review Required)

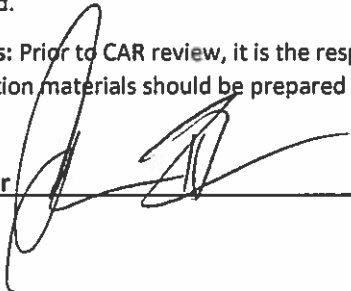
Project Description: (attach additional sheets if needed)  
 Replacement of eleven (11) inoperable/broken windows on main residence, with windows of similar color, style, design, and layout. No visual changes to exterior of building.

**ACKNOWLEDGEMENT OF RESPONSIBILITY**

**Compliance:** If granted, you agree to comply with all conditions of the COA. Revisions to approved work require staff review and may require a new application and CAR approval. Failure to comply with the COA may result in project delays or legal action. The COA is valid for one (1) year and may be extended for an additional year, upon written request.

**Requirements:** A complete application includes all applicable information requested on checklists to provide a complete and accurate description of existing and proposed conditions. Preliminary review meeting or site visit with staff may be necessary to process the application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

**Zoning Requirements:** Prior to CAR review, it is the responsibility of the applicant to determine if zoning approval is required and application materials should be prepared in compliance with zoning.

Signature of Owner  Date 1/12/18

## Window Replacement – Detailed Description – 100 East Leigh Street

Eleven (11) inoperable/broken windows were replaced on the front and side of the main residence. This work was performed on January 10<sup>th</sup>, 2018 by Skyline Windows. The seven (7) windows on the front of the residence that were replaced, were replacement type windows believed to have been installed in the mid-1990s, all windows were painted and nailed shut . The remaining four (4) windows on the side of the residence were in very poor condition and had been painted, caulked, and nailed shut by previous owners. All of these windows noticeably leaked air especially in winter conditions.

All new windows are of similar style, design, color, and layout to windows that they replaced. All windows were custom built to fit the exact dimensions of the windows that they replaced; no new openings were cut into the home, nor were the existing openings altered. Visually the exterior of the property remains as it was before any work was performed. Additionally, of the thirty (30) windows attached to the main residence the remaining nineteen (19) had previously been replaced with similar style double hung vinyl windows. All thirty (30) windows attached to main residence are now double hung, double paned, vinyl windows.

We apologize for not submitting the application for a Certificate of Appropriateness ahead of performing this work. This was an unintentional error due to a misunderstanding of the requirements for submission of this application.



COMMISSION OF ARCHITECTURAL REVIEW

WINDOW ASSESSMENT FORM

Property Address: 100 E. LEIGH ST

Window Information				General Condition				Window Assessment							Proposed treatment
Window #	Style	Width and Height	Material	Paint condition?	Square?	Operable?	Missing or broken panes?	Sill and Head	Jambs	Rails	Stiles	Muntins	Panes and Glazing Putty	Total Value	
1	Double-hung 2/2	36" x 78"	Wood	Poor	Yes	No	Yes	2	1	2	1	1	3	10	Replace and reglaze broken panes, waterproof and repaint wood.
1	Double Hung	25.5 x 54	Wood	OK	Yes	No	No	1	2	3	1	1	1	9	Replace
2	Double Hung	25.5 x 54	Wood	OK	No	No	No	1	2	3	1	1	1	9	Replace
3	Double Hung	25.5 x 54	Wood	OK	Yes	No	No	1	2	3	1	1	1	9	Replace
4	Double Hung	25.5 x 84.25	Wood	OK	Yes	No	No	1	2	3	1	1	1	9	Replace
5	Double Hung	25.5 x 84.25	Wood	OK	Yes	No	No	1	2	3	1	1	1	9	Replace



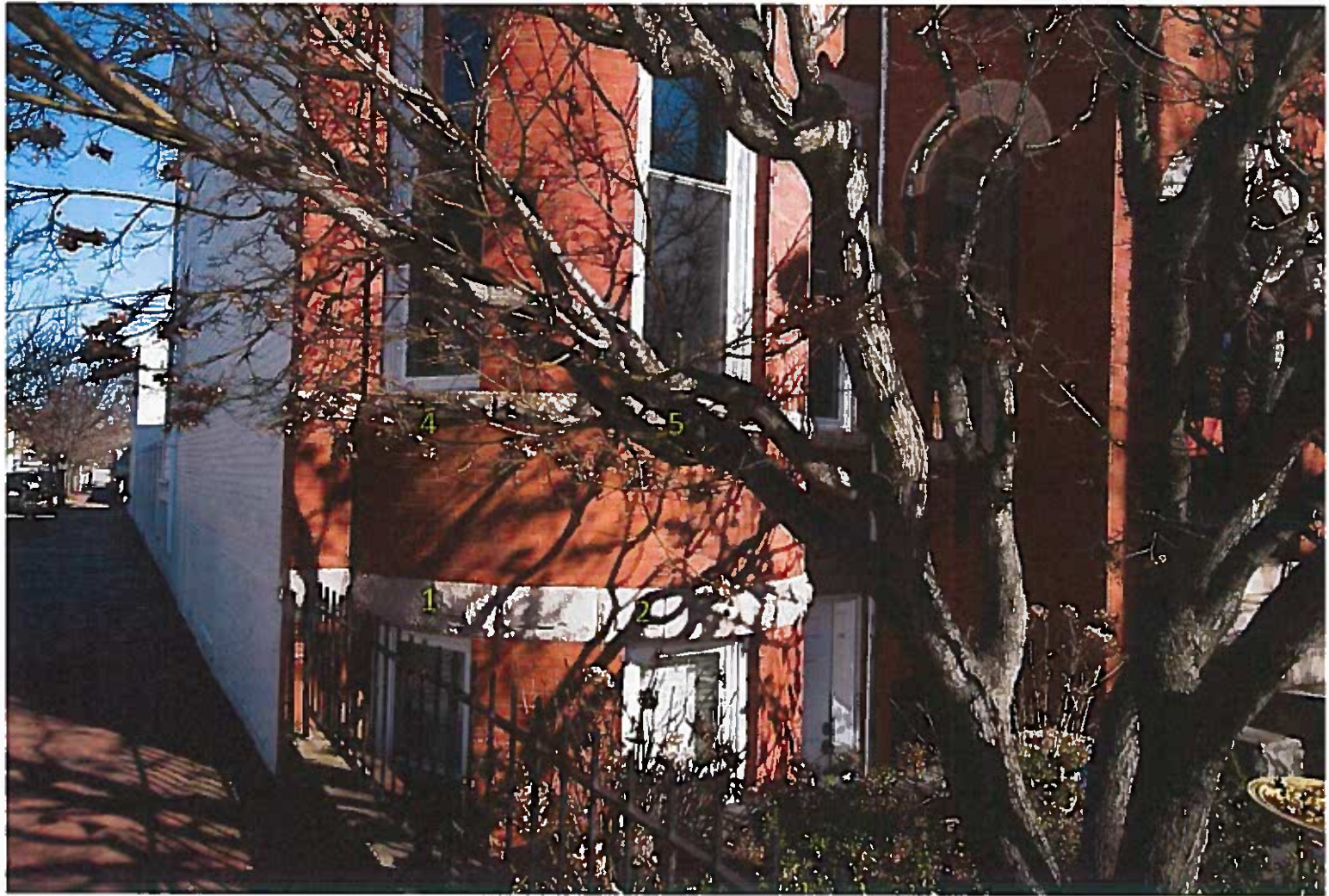
COMMISSION OF ARCHITECTURAL REVIEW

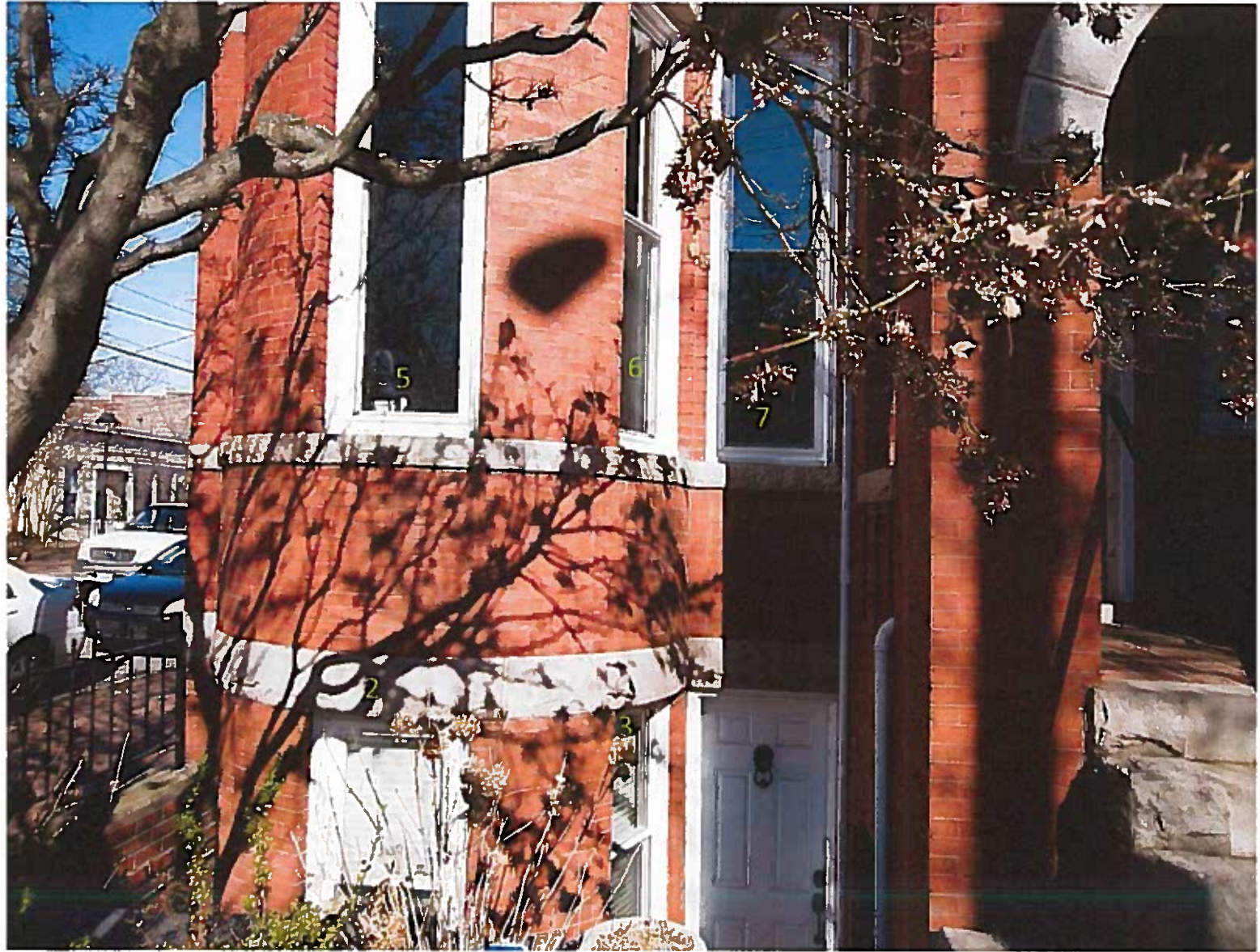
WINDOW ASSESSMENT FORM

Property Address: 100 E. LEIGHT ST

Window Information				General Condition				Window Assessment							Proposed treatment
Window #	Style	Width and Height	Material	Paint condition?	Square?	Operable?	Missing or broken panes?	Sill and Head	Jamb	Rails	Stiles	Muntins	Panes and Glazing Putty	Total Value	
1	Double-hung 2/2	36" x 78"	Wood	Poor	Yes	No	Yes	2	1	2	1	1	3	10	Replace and reglaze broken panes, waterproof and repaint wood.
6	Double Hung	25.5 x 84.25	Wood	OK	Yes	No	No	1	2	3	1	1	1	9	REPLACE
7	Double Hung	25.5 x 84.25	Wood	OK	Yes	No	No	1	2	3	1	1	1	9	Replace
8	Double Hung	41.25 x 70	Wood	OK	No	No	No	1	3	3	3	2	1	13	Replace
9	Double Hung	41.25 x 69.75	Wood	OK	No	No	No	1	3	3	3	2	1	13	Replace
10	Double Hung	34 x 78	Wood	OK	No	No	No	1	3	3	3	3	1	14	Replace













## Dealer Quotation - Quote 112819

10250 Philipp Pkwy  
 Streetsboro, OH 44241  
[www.soft-lite.com](http://www.soft-lite.com)

Phone: (330) 528 3400  
 Fax: (330) 528 3501

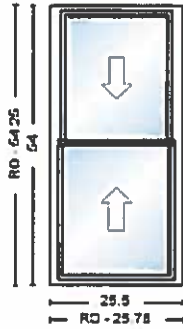
QUOTE EXPIRES 30 DAYS FROM REQUESTED
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Bid For
<b>SKYLINE WINDOWS OF RICHMOND</b> 9001 BROOK RD RICHMOND, VA 23227 Business: (804) 270-4008 Fax: 804 249 9500

Shipping Address
9001 BROOK RD RICHMOND, VA 23227  Quote Name: JohnsonG110817

Customer Number	PO	Required Date	Quoted By
713041	JOHNSONG110817	1/12/2018	rayj

Line	Qty	Description
10-1	3	BAR Double Hung Double Hung 25.5 x 54



NFRC Values

<b>U-FACTOR</b>	<b>SHGC</b>
0.29	0.3
<b>VT</b>	<b>CR</b>
0.55	60

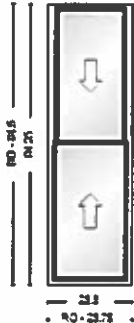
Viewed from Inside  
 Base Color = Soft-Lite White  
 Half Screen  
 Sill Expander = Y  
 Lock Type = Standard  
 Lock Color = Soft-Lite White  
 Double Locks = Y  
 Glass Package = Lowe+ & Argon  
 Clear = Yes  
 Lowe = Climaguard 7036  
 Argon Gas  
 Stainless Intercept  
 Single Strength  
 Wrap = G

Comment/Room:  
 None Assigned

Customer Number	PO	Required Date	Quoted By
713041	JOHNSONG110817	1/12/2018	rayj

Line	Qty	Description
20-1	4	BAR Double Hung Double Hung 25.5 x 84.25

Comment/Room:  
None Assigned



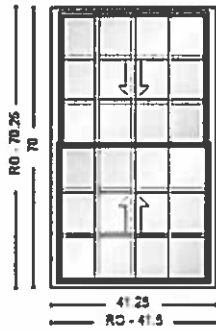
Viewed from Inside  
 Base Color = Soft-Lite White  
 Half Screen  
 Sill Expander = Y  
 Lock Type = Standard  
 Lock Color = Soft-Lite White  
 Double Locks = Y  
 Glass Package = Lowe+ & Argon  
 Clear = Yes  
 Lowe = Climaguard 7036  
 Argon Gas  
 Stainless Intercept  
 Single Strength  
 Wrap = G

**NFRC Values**

<b>U-FACTOR</b>	<b>SHGC</b>
0.29	0.3
<b>VT</b>	<b>CR</b>
0.55	60

Line	Qty	Description
30-1	1	BAR Double Hung Double Hung 41.25 x 70

Comment/Room:  
None Assigned



Viewed from Inside  
 Base Color = Soft-Lite White  
 Half Screen  
 Sill Expander = Y  
 Lock Type = Standard  
 Lock Color = Soft-Lite White  
 Reinforced Sash = Y  
 Double Locks = Y  
 Glass Package = Lowe+ & Argon  
 Clear = Yes  
 Lowe = Climaguard 7036  
 Argon Gas  
 Stainless Intercept  
 Single Strength  
 Contour  
 Colonial  
 Grid Color = Soft-Lite White  
 3W2H  
 Wrap = G

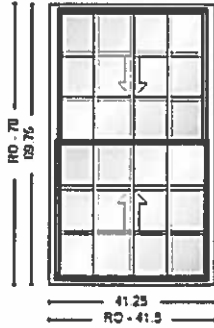
**NFRC Values**

<b>U-FACTOR</b>	<b>SHGC</b>
0.29	0.27
<b>VT</b>	<b>CR</b>
0.49	60

Customer Number	PO	Required Date	Quoted By
713041	JOHNSONG110817	1/12/2018	rayj

Line	Qty	Description
40-1	1	BAR Double Hung Double Hung 41.25 x 69.75

Comment/Room:  
None Assigned



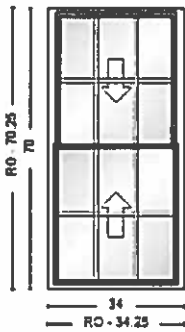
**NFRC Values**

<b>U-FACTOR</b>	<b>SHGC</b>
0.29	0.27
<b>VT</b>	<b>CR</b>
0.49	60

Viewed from Inside  
 Base Color = Soft-Lite White  
 Half Screen  
 Sill Expander = Y  
 Lock Type = Standard  
 Lock Color = Soft-Lite White  
 Reinforced Sash = Y  
 Double Locks = Y  
 Glass Package = Lowe+ & Argon  
 Clear = Yes  
 Lowe = Climaguard 7036  
 Argon Gas  
 Stainless Intercept  
 Single Strength  
 Contour  
 Colonial  
 Grid Color = Soft-Lite White  
 3W2H  
 Wrap = G

Line	Qty	Description
50-1	2	BAR Double Hung Double Hung 34 x 70

Comment/Room:  
None Assigned



**NFRC Values**

<b>U-FACTOR</b>	<b>SHGC</b>
0.29	0.27
<b>VT</b>	<b>CR</b>
0.49	60

Viewed from Inside  
 Base Color = Soft-Lite White  
 Half Screen  
 Sill Expander = Y  
 Lock Type = Standard  
 Lock Color = Soft-Lite White  
 Reinforced Sash = Y  
 Double Locks = Y  
 Glass Package = Lowe+ & Argon  
 Clear = Yes  
 Lowe = Climaguard 7036  
 Argon Gas  
 Stainless Intercept  
 Single Strength  
 Contour  
 Colonial  
 Grid Color = Soft-Lite White  
 2W1H  
 Wrap = G

Skyline Windows of Richmond  
7051 b Brook Road  
Richmond, VA 23227

Tel (804) 270-4008  
Fax (804) 249-9500



**MAKING INFORMED  
DECISIONS**

**MAKING SMART  
DECISIONS**

10/18/2017

Gus Johnson  
100 East Leigh Street  
Richmond VA 23219

**We hereby submit specifications and estimates for:**

<b><u>Quantity</u></b>	<b><u>Product</u></b>
10	Soft-Lite Barrington Double Hung Replacement Windows, White Interior, White Exterior, Welded Sashes and Frame All Material is Non-Recycled(Virgin Vinyl) Interlock System at Meeting Rail Double Locks On All Units Over 24" Width

#### **U Value**

**The lower the U-factor (value) the more energy efficient the windows will be.** The U-factor calculates the total window's energy efficiency (glass and frame). A difference of .01 in the U-factor changes the energy efficiency of the product by almost 4%. The U-factor is the most important energy number when choosing a window. Consumers can go to [www.nfrc.org](http://www.nfrc.org) to view any windows U-factor.

**U-value .29**

#### **Air Leakage**

The lower the air infiltration number, or Air Leakage(AL), the better. The AL number tells you how tight the window seals around the edges.

The average replacement window has an air infiltration of .20

## AIR INFILTRATION

.07

## Solar Heat Gain Coefficient

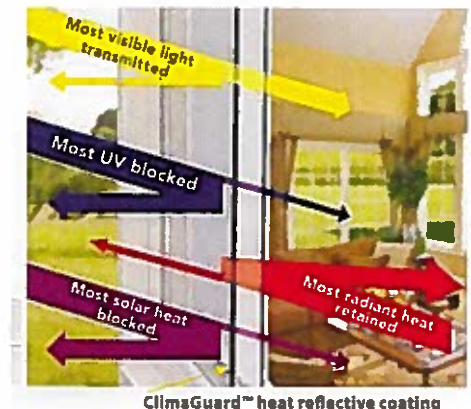
Solar Heat Gain has to do with how much direct sunlight actually passes through the glass. In Northern states a higher SHGC number is advantageous. In the Southern states a lower SHGC number is beneficial. Also if you have some windows that receive direct summer sun (usually from windows facing South or/and West you should consider purchasing some windows with a lower SHGC. Be careful – a lower SHGC could stop the beneficial solar heat during the colder months. Consumers can go to [www.efficientwindows.com](http://www.efficientwindows.com) to view helpful criteria in selecting the proper Solar Heat Gain number. For Virginia the best SHGC is between .25 - .35

## SHGC

.26

Energy Saving Glass with

Hi Performance Soft-Coat Double Pane,  
ClimaGuard Low Emissivity Glass  
Argon filled insulated glass units  
Double pane high energy efficient glass



With half screen

With Internal Flat Grids in 4 Windows on windows on the side of the house in grid pattern of customer's choice

Remove and replace any rotten wood  
Remove existing window & install and plumb new windows  
Seal interior and exterior with premium grade sealants

Haul away all old windows and debris.  
Inspect and clean new windows.

Tax and Installation included

**WE PROPOSE** to furnish materials and labor, complete and in accordance with the above specifications, for the sum of \$5,000.00. This proposal may be withdrawn by us if not accepted within 30 days.

*Cash or Check All Offers/Discounts Applied*

Authorized Signature

*Jared Ray*

*Thank you for considering Skyline Windows of Richmond. We are confident that we can provide the best product, workmanship and price for the work described above.  
If you have any questions, please give us a call. We look forward to hearing from you soon.*

*Serving Central Virginia since 1987    Quality and Service for Everyone*