



# CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

**Project Description:** Install storm windows

704 N East St

Address

Oakwood

Historic District

Historic Property

COA-0183-2021

Certificate Number

12/1/2021

Date of Issue

6/1/2022\*

Expiration Date

\*Beyond this expiration date, NC Session Law 2021-03 grants an extension to all valid development permits until 150-days after NC Executive Order 116 is rescinded.

*This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.*

Signature, \_\_\_\_\_

*Erin Morton*

Raleigh Historic Development Commission

*Pending the resolution of appeals, commencement of work is at your own risk.*



Type or print the following:

Applicant name: Kenneth Bowers

Mailing address: 704 N. East St.

City: Raleigh

State: NC

Zip code: 27604

Date: November 29, 2021

Daytime phone #: 919-412-3404

Email address:

Applicant signature:

Minor work (staff review) – one copy

Major work (COA committee review) – ten  
copies

Additions > 25% of building sq. footage

New buildings

Demolition of building or structure

All other

Post approval re-review of conditions of  
approval

**Office Use Only**

Transaction #: \_\_\_\_\_

File #: COA-0183-2021

Fee: \_\_\_\_\_

Amount paid: \_\_\_\_\_

Received date: \_\_\_\_\_

Received by: \_\_\_\_\_

Property street address: 704 N. East St.

Historic district: Oakwood

Historic property/Landmark name (if applicable): n/a

Owner name: Kenneth Bowers

Owner mailing address: 704 N. East St. 27604

**For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.**

Property Owner Name & Address	Property Owner Name & Address

I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Will you be applying for rehabilitation tax credits for this project? Yes <input type="radio"/> No <input checked="" type="radio"/>	Office Use Only Type of work: <u>70</u>
Did you consult with staff prior to filing the application? Yes <input type="radio"/> No <input type="radio"/>	

Design Guidelines: please cite the applicable sections of the design guidelines ( <a href="http://www.rhdc.org">www.rhdc.org</a> ).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
p53, 2.7.12	Windows & Doors	No detail work from the original windows will be removed.
p59, 2.10.2	Storm Windows	Storm windows will be installed, improving thermal efficiency
p59, 2.10.4	Storm Windows	The chosen windows (Velv-a-lume) are the lowest profile on the market.

Minor Work Approval (office use only)	
Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until <u>06/01/2021</u> .	
Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.	
Signature (City of Raleigh) <u><i>Erin Morten</i></u>	Date <u>12/01/2021</u>

## COA Narrative::Storm Window Installation

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704 N. East St.

Proposed to be installed are a total of 12 storm windows. The chosen vendor is Velv-a-lume. These windows are the lowest-profile storm windows on the market and are widely used for historic buildings. Their use has been approved many times within Raleigh's historic districts.

The frames of the storm windows will be white to match existing trim. It is estimated that the house will need repainting within the next five years, at which time the existing windows can be painted to more precisely match.

The guidelines recommend operable storm windows, and the majority of the windows to be installed will be operable. We propose, however, to use picture (single pane) windows for six windows which are either non-operable or not needed for cross ventilation. Every room has at least one operable window. The picture windows provide better sound proofing and are less obtrusive visually due to their reduced bulk and lack of dividers.

A brochure from the vendor is attached.



# Velv-A-Lume



***The Invisible Storm Window***

 **West Window Corporation**  
*Since 1949*



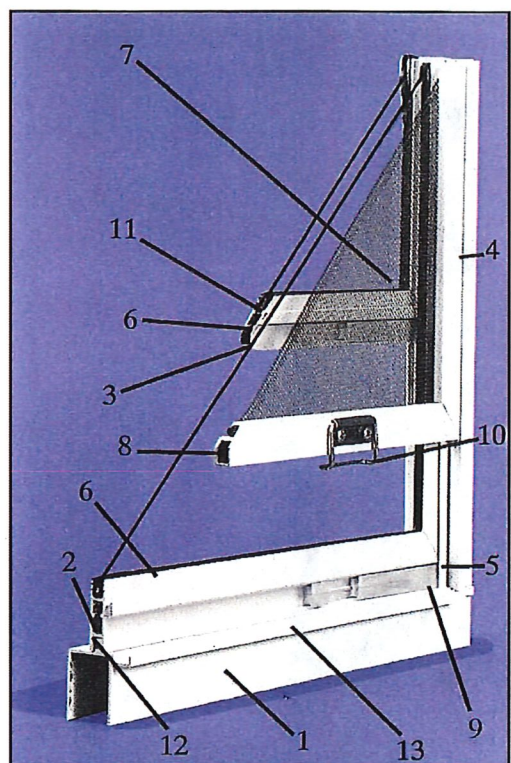
# Velv-A-Lume

## The Invisible Storm Window

VELV-A-LUME Historical Storm Windows have been used to solve difficult window situations for many years in both residential and commercial buildings. With historic renovations on the rise all across the nation, there is a need for a storm window that will provide protection to the original windows as well as increase their thermal efficiency – without changing the historic look. Designed and produced with this exact purpose in mind, the VELV-A-LUME is the perfect solution for many historic window projects.

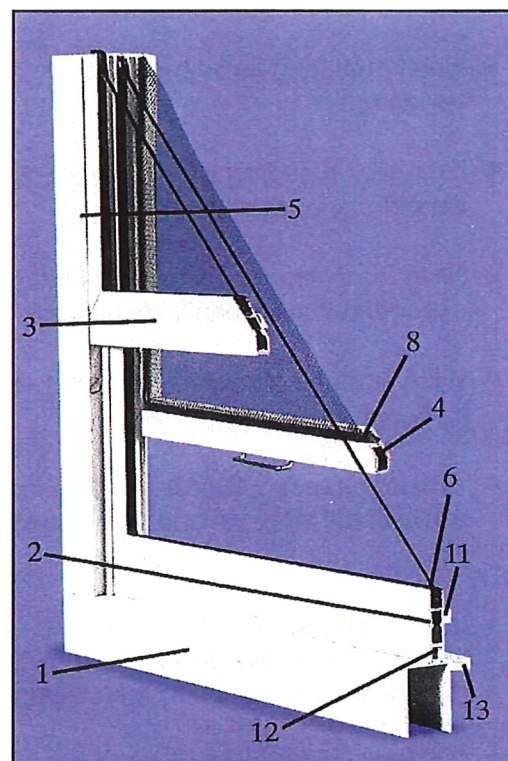
The combination of strong tubular aluminum extrusions, tongue and groove sash seal, and close tolerances between sash and frame make the VELV-A-LUME Storm Window a serious performer. As a result, VELV-A-LUME Storm Windows have been installed in many state, local, and federal projects, including office buildings, colleges, police barracks, highway department buildings, and hospitals, as well as veterans administration and military reservation facilities. Available as both an outside or inside mount window, the VELV-A-LUME has been installed on numerous warehouse or factory to loft-style apartment conversion projects with great success.

In many historic renovations, existing architectural details such as windows must be preserved due to restrictions and guidelines enacted by localities. The VELV-A-LUME Storm Window has been used extensively in these situations. Designed to fit flush within the existing window opening, it's often difficult to detect that a storm window has been installed. VELV-A-LUME Storm Windows are butt construction, expander style windows. An expander window is unique in that it can be fitted into a window opening that is out of square and still fit perfectly, allowing the sash and frame to remain square and operate with ease. A unique receptor system is also available for masonry openings, as well as radius top fixed windows to fit many openings. VELV-A-LUME...the ideal choice for "invisible" protection.



### KEY

1. Sill Main Frame
2. Lower Sash Frame — Tubular Extrusion
3. Upper Sash Frame — Tubular Extrusion
4. Insect Screen Frame — Tubular Extrusion
5. Frame Jamb
6. Glazing Vinyl
7. Aluminum Insect Screen — (Fiberglass Optional)
8. Lower Screen Frame - Tubular Extrusion
9. Flush Finger-Tip Operated Sash Slide Bolt
10. Screen Latch Handle — Stainless Steel
11. Sash Interlock
12. Tongue and Groove Type Seal
13. Screen Track with Latch Lip



Corner section of main frame of storm window, showing both top and bottom sash and screen, each in separate tracks.  
(Note: all screen rails and bottom of both insert rails are tubular extrusions to assure more strength and rigidity.)

Both sash are glazed with wrap-around vinyl for easier repair and strength. Special corners are used to eliminate dimples and staking marks.

**On the Cover:** "Person-McGhee Farm" located in Franklin County, North Carolina. Oldest part built between 1770 and 1820. Listed in National Register of Historical Places August 14, 1979. Velv-A-Lume Storm Windows installed in Spring of 1999.





Radius top Removable Panel Fixed Units shown in Tan on the Rockefeller Norfolk Luxury Apartments, Norfolk, Virginia. The VELV-A-LUME storm window is a great performer in both commercial and residential applications.



- Flush mounting for non-obtrusive appearance
- Expander type frame for a perfect fit in almost any opening
- Most fasteners are concealed by the expanders for a clean installed look
- Wide fingertip operated sash latches for easy operation
- Tubular extruded T6063-T6 aluminum for exceptional strength and long service life
- Interlocking sash and screen with tongue and groove seal at bottom for remarkable resistance to the elements
- Electrostatically applied polyester resin paint finishes provide long lasting service





# V3T Three Track Storm Window

## Standard Features

- Flush mount expander style Storm Window
- T-6063 Aluminum Extrusions, .050" walls in main frame, .0465" walls in sash profiles
- 1" Expanders on jambs, 7/8" Expander on head
- Sashes and screen are side-loaded into the frame for outstanding structural strength.
- Wide fingertip operated zinc die-cast sash slide bolts
- Sash corners are securely fastened with internal self-locking zinc die-cast corner gussets – no exposed fasteners
- Extruded full-width aluminum interlock at meeting rail
- Extruded tongue and groove sash to frame closure at frame sill for improved structure, air performance, and water control.
- Both sashes are channel glazed using a flexible vinyl glazing gasket and can be re-glazed if necessary.
- When ventilating with bottom sash fully raised, the screen interlocks with the sash for improved insect control (unless meeting rail is moved from the standard location).
- Architectural paint finish meets AAMA 2603. Colors available: White, Bronze, and Tan.

## Optional Features

- Matching Picture Window (VPW)
- Radius Top Transom & Picture Window
- Numerous glazing options, Low-E, tempered glass
- Mullion for multiple units
- Receptor System for masonry openings
- Large Sill Expander for steeply sloped sills
- Beveled Side Expander for shallow openings
- Exterior or Interior mounting

**DISTRIBUTED BY:**

Manufactured by:



**West Window Corporation**

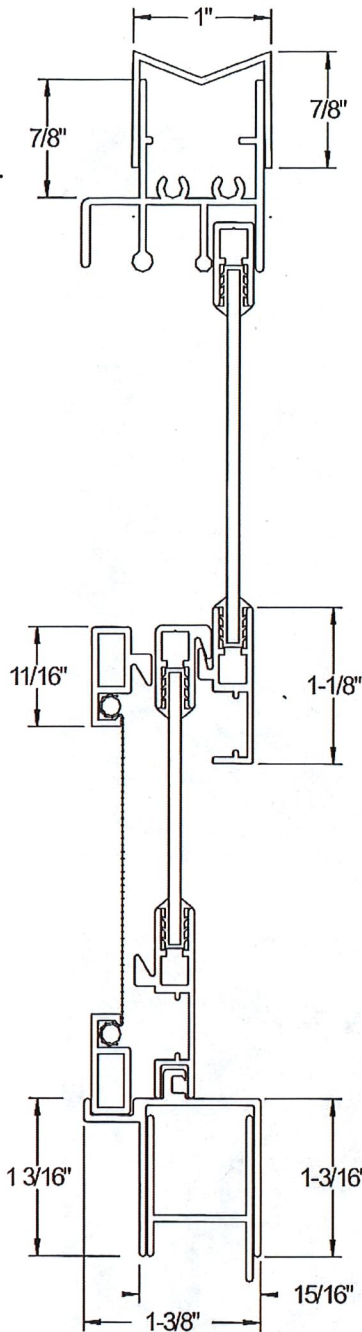
P.O. Drawer 3071

*Since 1949*

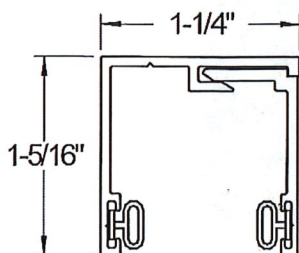
Martinsville, Virginia 24115

Phone (276) 638-2394

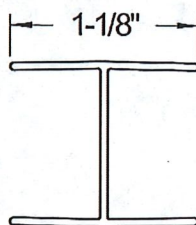
[www.westwindow.com](http://www.westwindow.com)



**Receptor System**



**Mullion**







Two windows flanking front door will receive operable storm windows.



Two windows in living room to receive picture windows.





Windows in dining room to receive operable storm windows. Left-most window in coat closet to receive picture window.



Five south-facing windows to receive operable storm windows.





Inset, non-operable basement window to receive picture window.