



CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

Project Description:

Install 14 storm windows; replace existing front door storm door

1024 Dorothea Dr

Address

Boylan Heights

Historic District

Historic Property

COA-0167-2023

Certificate Number

1/8/2024

Date of Issue

7/8/2024

Expiration Date

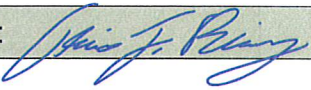
This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection 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, _____

Elin Morton Pugh

Raleigh Historic Development Commission

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

Type or print the following:		
Applicant name: Travis Bailey		
Mailing address: 1024 Dorothea Dr		
City: Raleigh	State: NC	Zip code: 27603
Date: 12/29/2023	Daytime phone #: 919-604-3613	
Email address: tjbailey10@gmail.com		
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-0167-2023 Fee: _____ Amount paid: _____ Received date: _____ Received by: _____ _____
Property street address: 1024 Dorothea Dr.		
Historic district: Boylan Heights		
Historic property/Landmark name (if applicable): N/A		
Owner name: Travis and Melissa Bailey		
Owner mailing address: 1024 Dorothea Dr, Raleigh NC 27603		

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
n/a	

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>69, 70</u>
Did you consult with staff prior to filing the application? Yes <input type="radio"/> No <input checked="" type="radio"/>	

Design Guidelines: please cite the applicable sections of the design guidelines (www.rhdc.org).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
3.7 pg 37	Windows and Doors	Install new exterior storm windows on majority of existing windows. See additional sheets.
3.7 pg 37	Windows and Doors	Replace existing front storm door with new storm door. See additional sheets.

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>07/08/2024</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>Evin Martin Pugh</u>	Date <u>01/08/2024</u>



Minor Works Application

1024 DOROTHEA DR., RALEIGH NC 27603

Proposed Scope of Work: Installation of Storm Windows and Storm Door

3.7 Windows and Doors: Guidelines

1. Retain and preserve windows that contribute to the overall historic character of a building, including their functional and decorative features, such as frames, sash, muntins, sills, heads, moldings, surrounds, hardware, shutters, and blinds.

Proposed scope of work:

1. install (14) new operable flanged exterior aluminum storm windows on majority of existing windows (see elevation diagrams for windows that will NOT get storm windows installed). Color: WHITE. Note: (2) street facing windows on West Elevation will get storm windows installed on INTERIOR of those windows to minimize visual impact on primary façade. *See specifications included on storm windows for details and for addresses of precedents where identical flanged storm windows were installed on homes in historical districts in Raleigh.*
2. Remove existing front door storm door and replace with new storm door. Door model #291 to have full view glass to allow maximum visibility of front door. Color: WHITE. *See specifications included on storm door for details.*
3. Flanged style storm windows allow for installation without modifying existing window casing; all existing exterior casing to remain.

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PHOTOS OF EXTERIOR EXISTING CONDITIONS

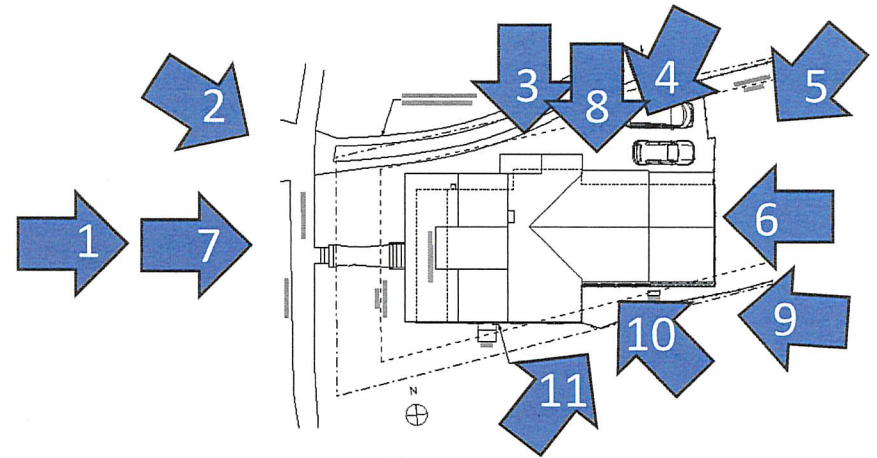


photo #1

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PHOTOS OF EXTERIOR EXISTING CONDITIONS

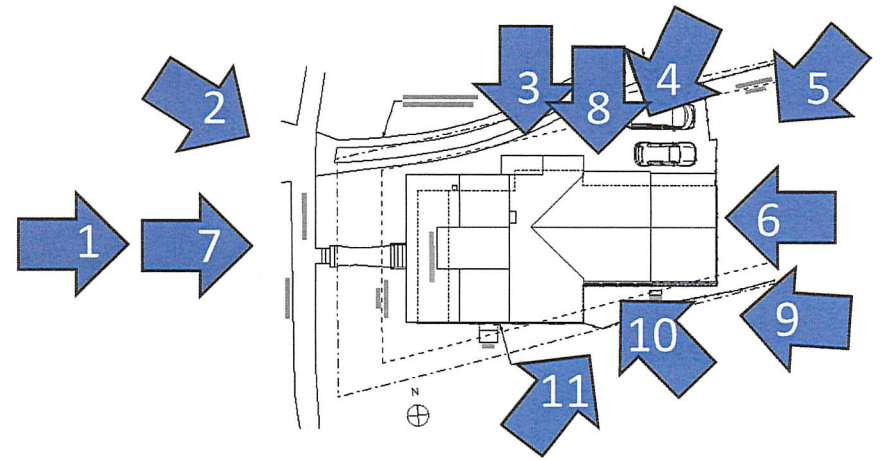


photo #2

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PHOTOS OF EXTERIOR EXISTING CONDITIONS

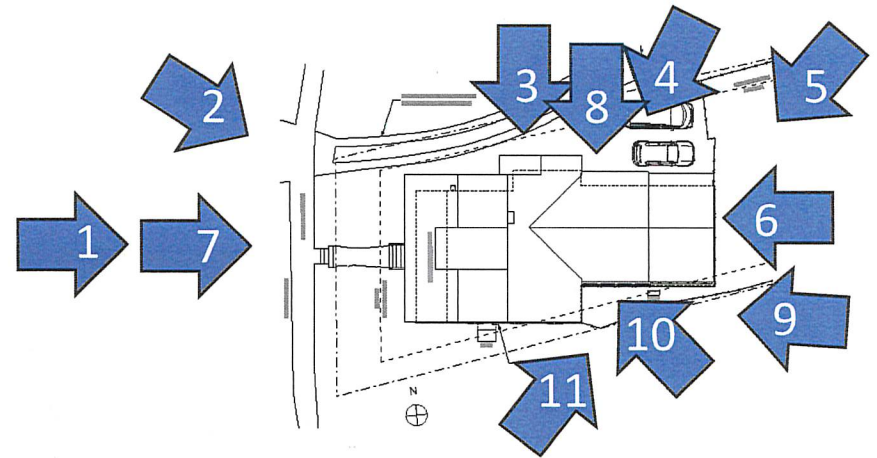


photo #3

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PHOTOS OF EXTERIOR EXISTING CONDITIONS

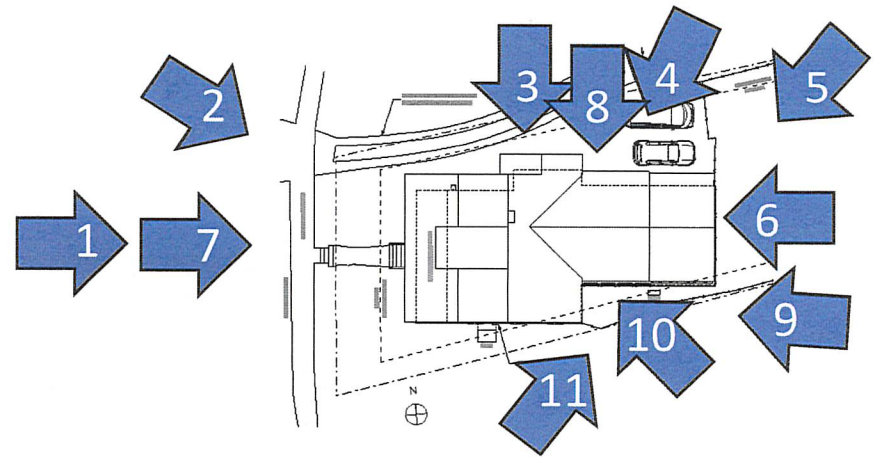


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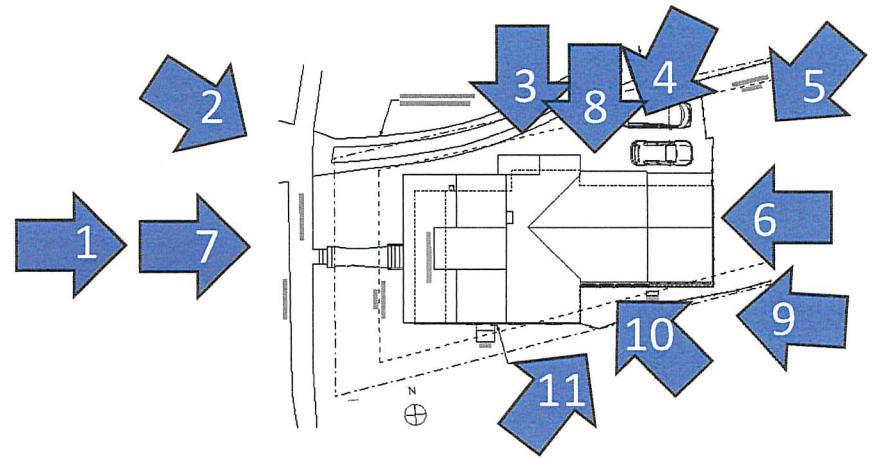


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PHOTOS OF EXTERIOR EXISTING CONDITIONS

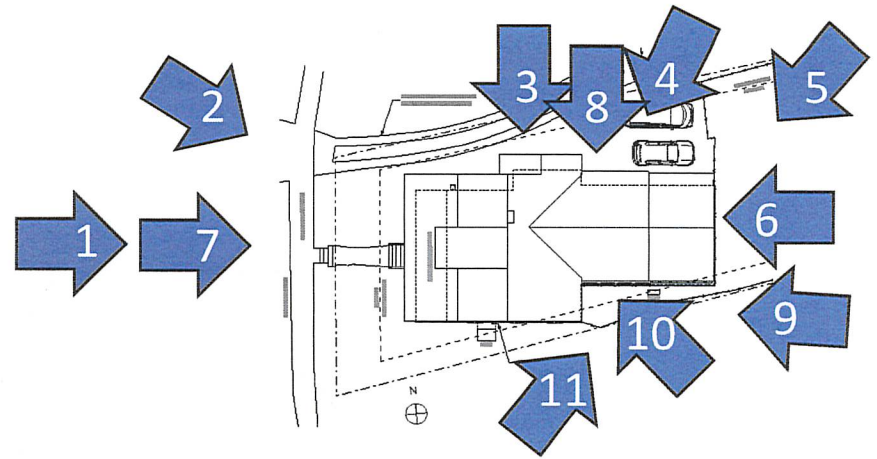


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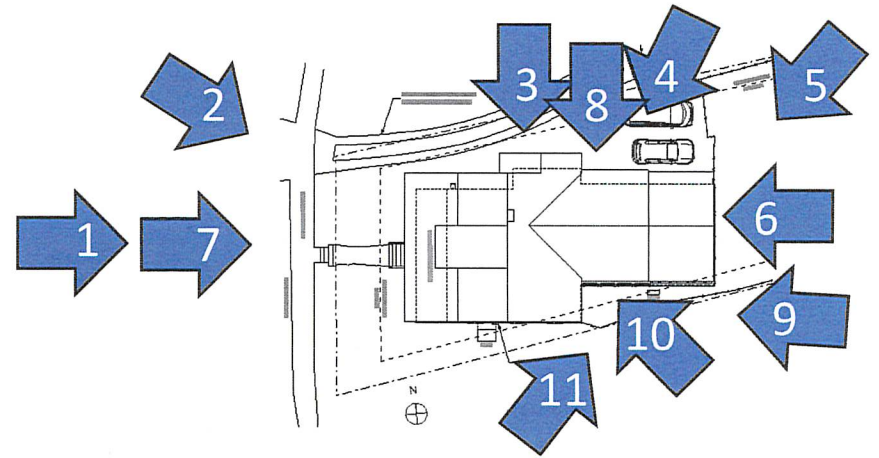


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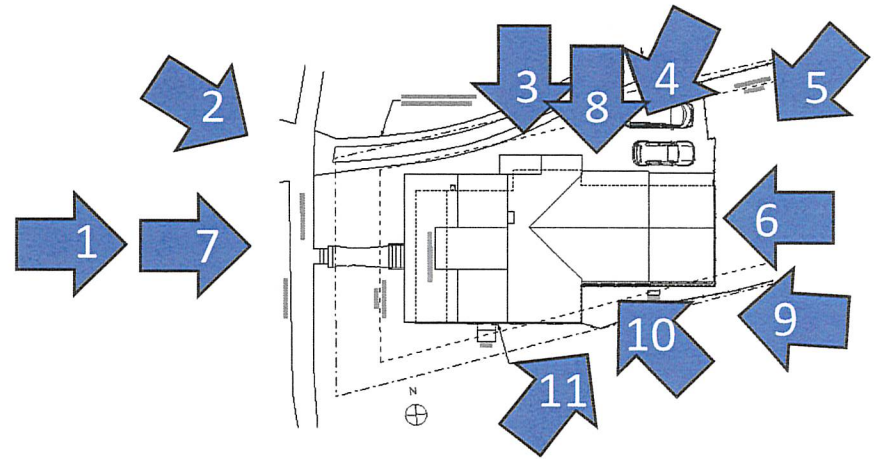


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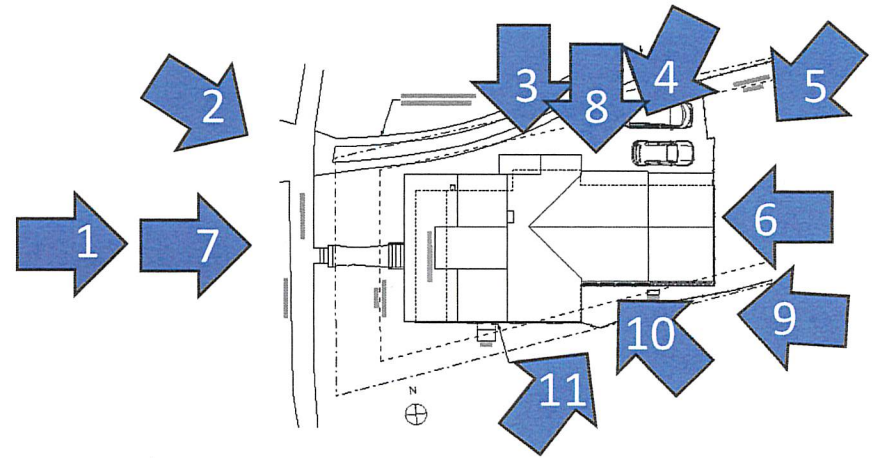
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PHOTOS OF EXTERIOR EXISTING CONDITIONS



photo #9



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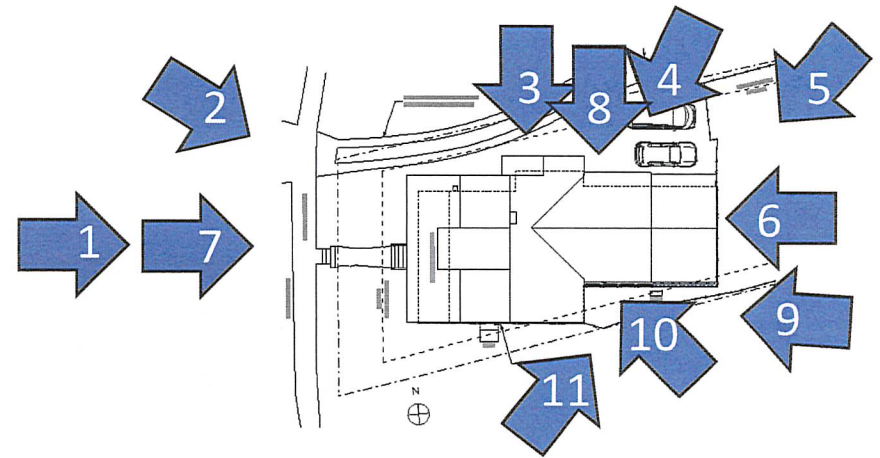


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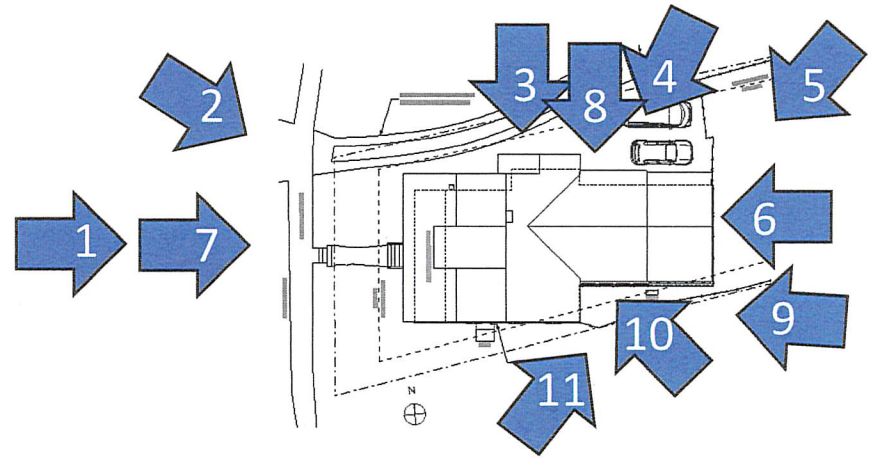
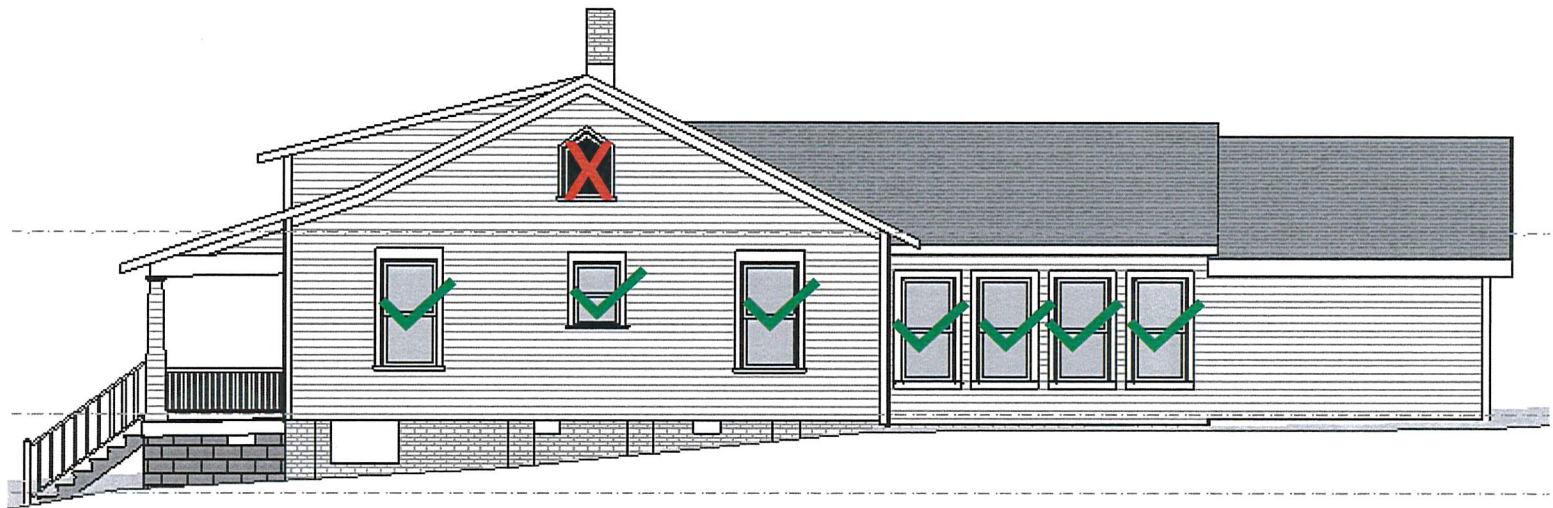


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Proposed Scope of Work: Storm Windows/Doors
SOUTH ELEVATION



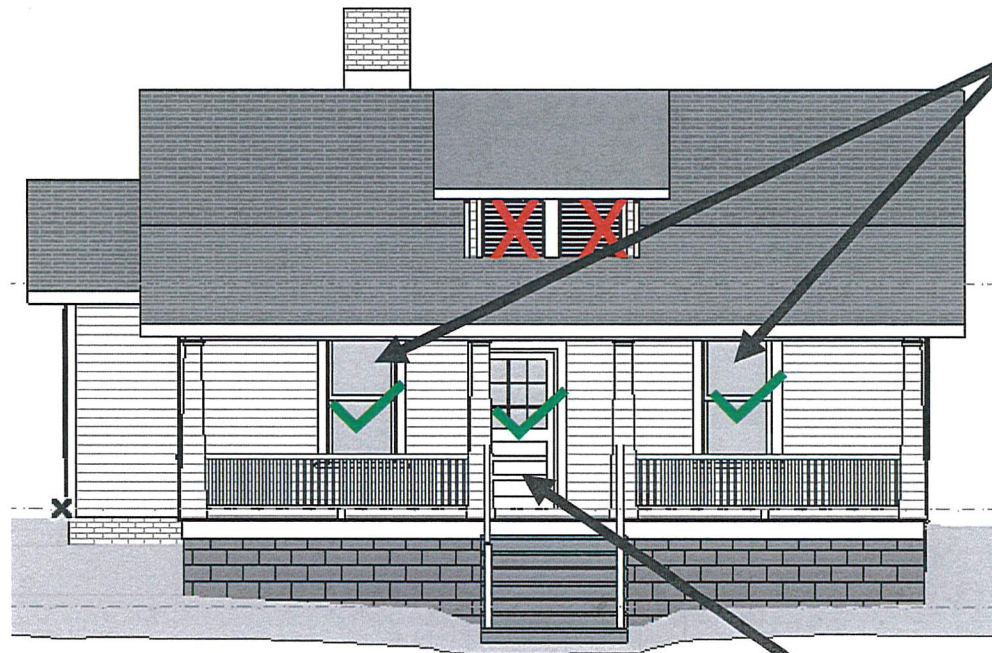
✓ proposed storm window or storm door

✗ no storm window or door proposed

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Proposed Scope of Work: Storm Windows/Doors
WEST ELEVATION



only these two
windows to have
storms mounted
on **INSIDE**



proposed storm window or storm door



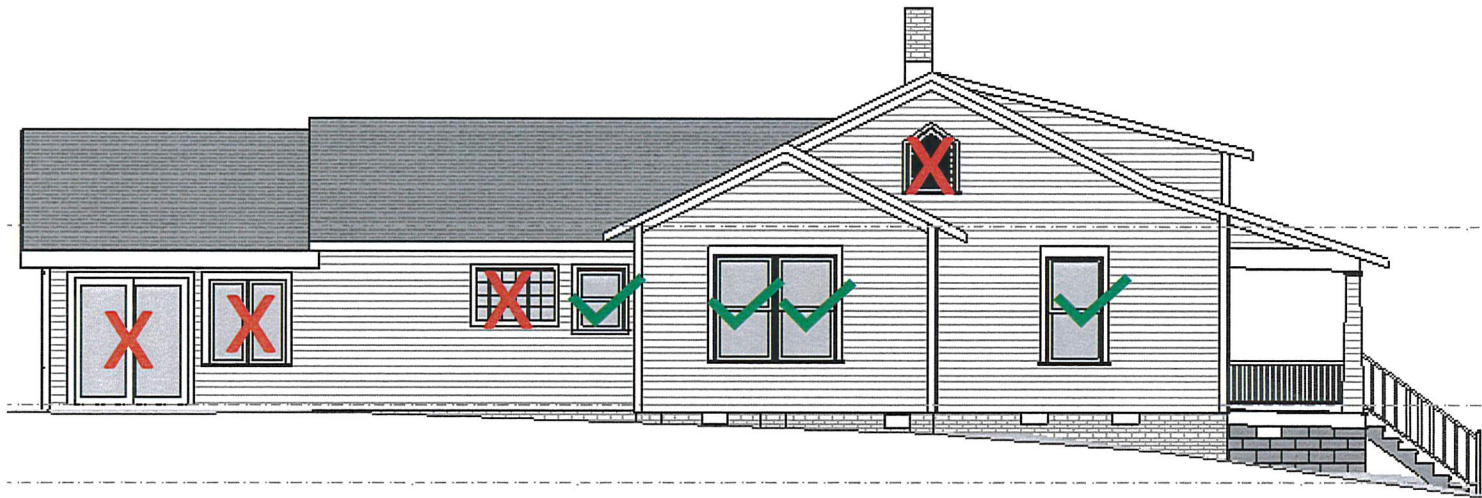
no storm window or door proposed

existing storm door
to be removed and
replaced with new

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Proposed Scope of Work: Storm Windows/Doors
NORTH ELEVATION



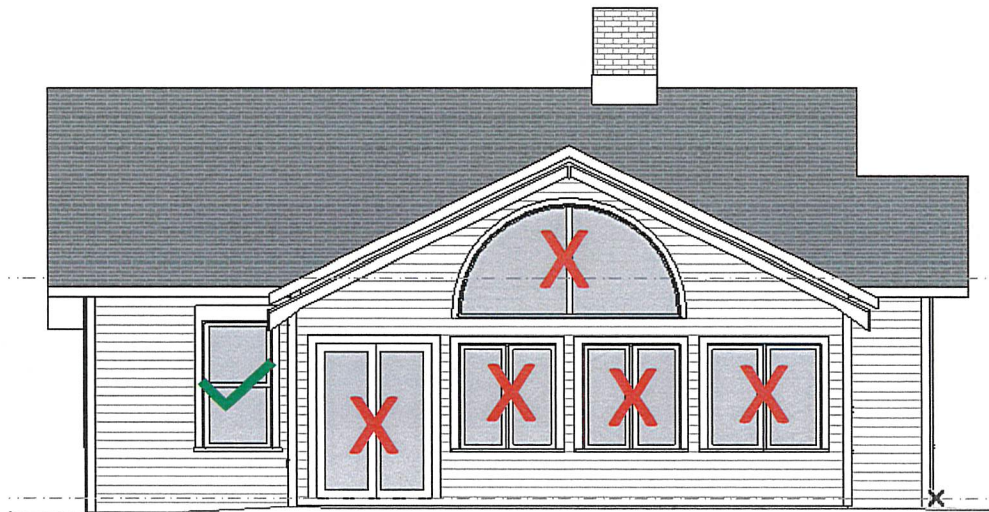
✓ proposed storm window or storm door

✗ no storm window or door proposed

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Proposed Scope of Work: Storm Windows/Doors
EAST ELEVATION



✓ proposed storm window or storm door

✗ no storm window or door proposed



Minor Works Application

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Storm Window Specifications

Examples of House in Historic Districts
with West Model #40 Flanged Storm
Windows provided and installed by our
supplier:

- 610 E Lane St

West

Deluxe Series

Quality Construction - Premium Features

- 1 Recessed head secures top sash for tight, even fit.
- 2 Rugged T6063-T6 extruded aluminum frame and sash for extra strength.
- 3 Electrostatically applied enamel finish resists fading, cracking, peeling, blistering, and flaking.
- 4 Weatherstripped inserts provide smooth operation and reduced rattle while minimizing air infiltration.
- 5 Glass is marine glazed in a vinyl channel for stability and improved water resistance.
- 6 Integral interlocking construction effectively seals out drafts.
- 7 Aluminum screen wire is standard in natural finish. Charcoal aluminum and fiberglass screens are optional.
- 8 Large slide bolts for finger tip operation.
- 9 Adjustable bottom expander to conform to sill irregularities.

All West Deluxe Series windows are custom made to your window opening, assuring a tight, energy saving fit. Engineered to give a lifetime of reliable performance, the West Deluxe Series Storm Windows are a great investment for your energy dollar.

Compare these Features:

Model 2T Storm Window (Shown above)
The model 2T is a self storing, two track storm window. A unique feature of the 2T is that the top sash is supported by the screen for additional strength and positive interlocking. Available in White, Bronze and Tan.

Model 40 Storm Window
The model 40 Storm Window features a full height screen, making it an ideal porch enclosure window. In the cooler months, leave the sashes in place and you have a tight, self storing conventional storm window. In the summer, you can remove the sashes entirely for a wide open, screened-in porch effect. This makes the Model 40 one of our most versatile storm windows. Available in White, Bronze, and Tan.

Model 41 Storm Window
The model 41 has all the features of the popular 2T Storm plus the added benefit of a center brace bar. The extra frame stability provided by the center brace bar makes the 41 perfectly suited for installations where extra large storm windows are required. Available in White, Bronze, and Tan.

Oriel or cottage style.
Model 2T or 40 recommended
for oriel styles.

proposed storm model (flanged)

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Storm Window - Precedent Photos @ 610 E Lane St
(Oakwood Historic District)



Overall image of window with installed storm (front porch)

NOTE: with flanged storm window installation there is no need to remove or alter existing exterior window trim and window sill and casing is left exposed.

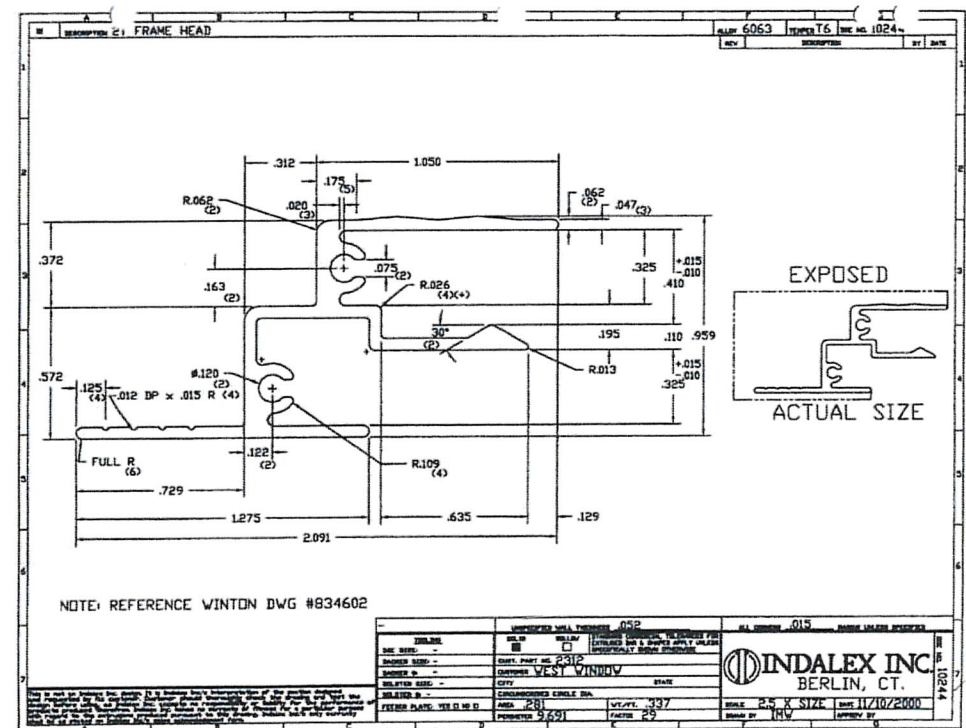
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Storm Window - Precedent Photos @ 610 E Lane St
(Oakwood Historic District)



Image of window head with installed storm



Head detail

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Storm Window - Precedent Photos @ 610 E Lane St (Oakwood Historic District)

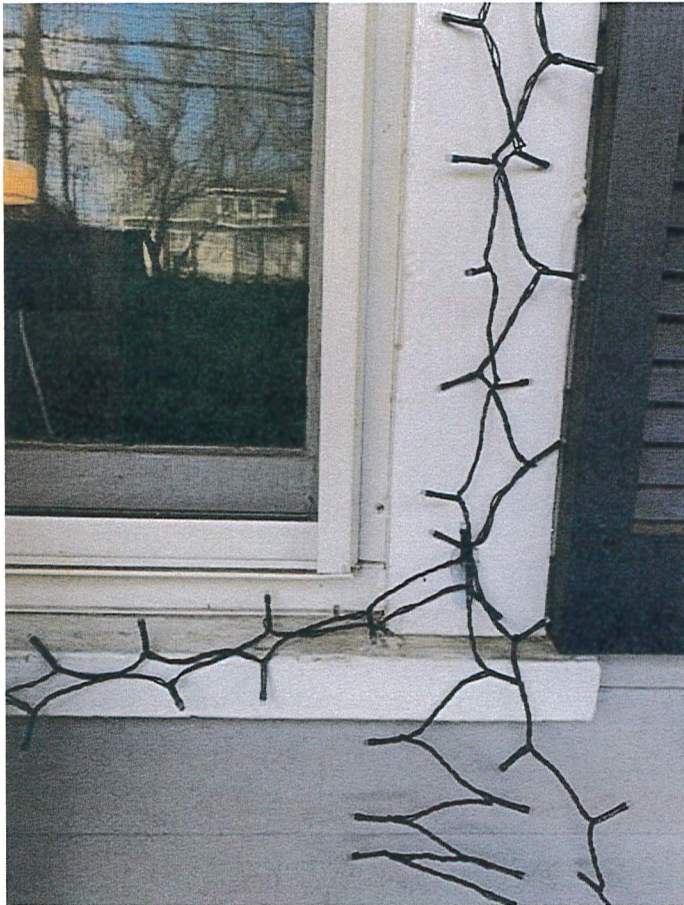
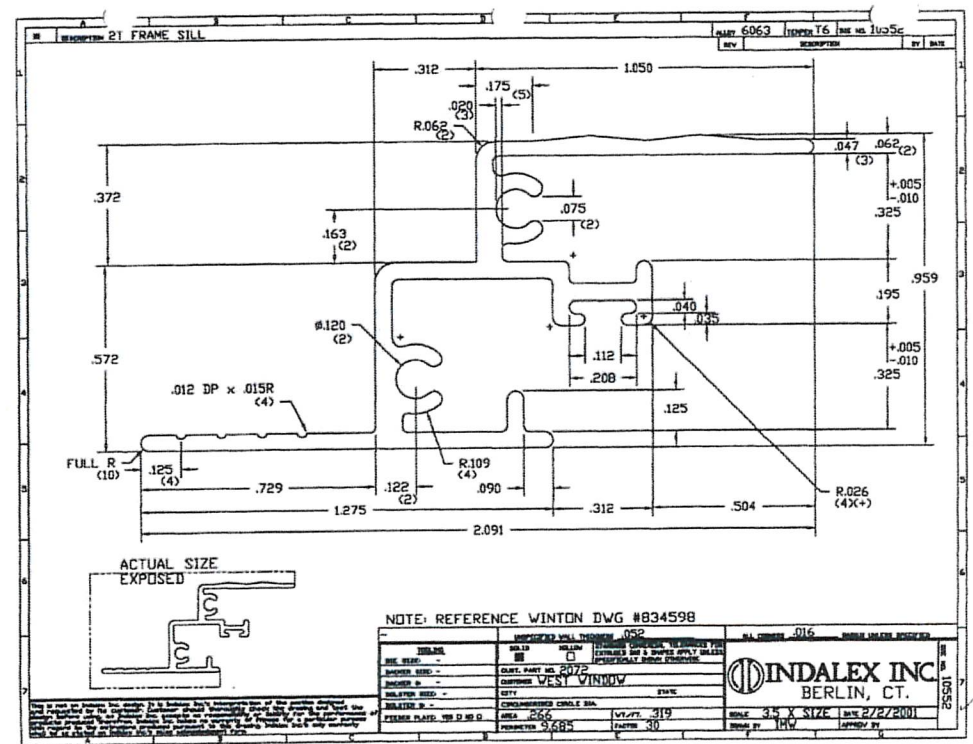


Image of window sill with installed storm



Sill detail

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Storm Window - Precedent Photos @ 610 E Lane St
(Oakwood Historic District)

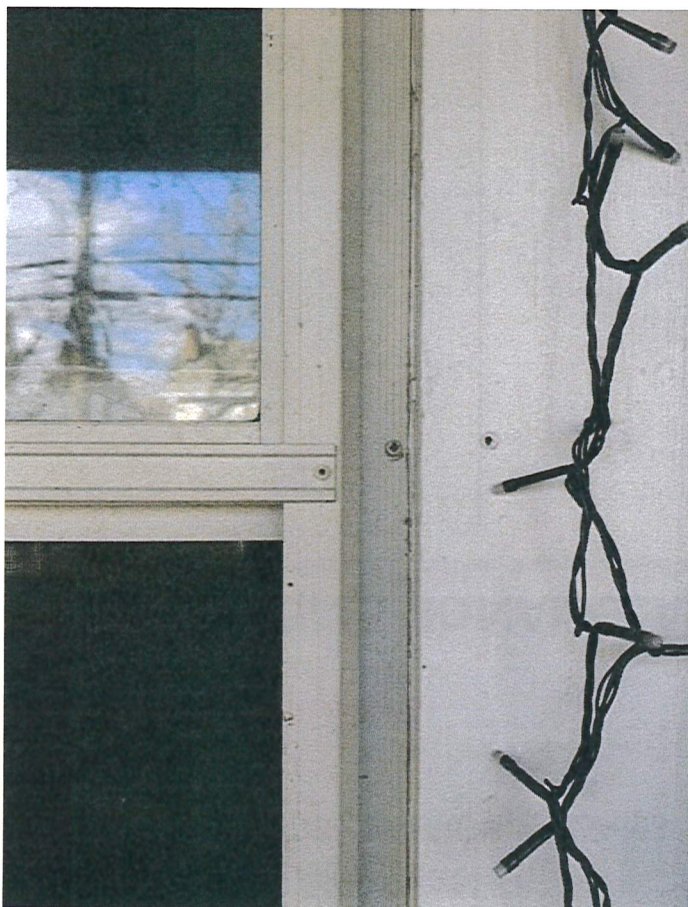
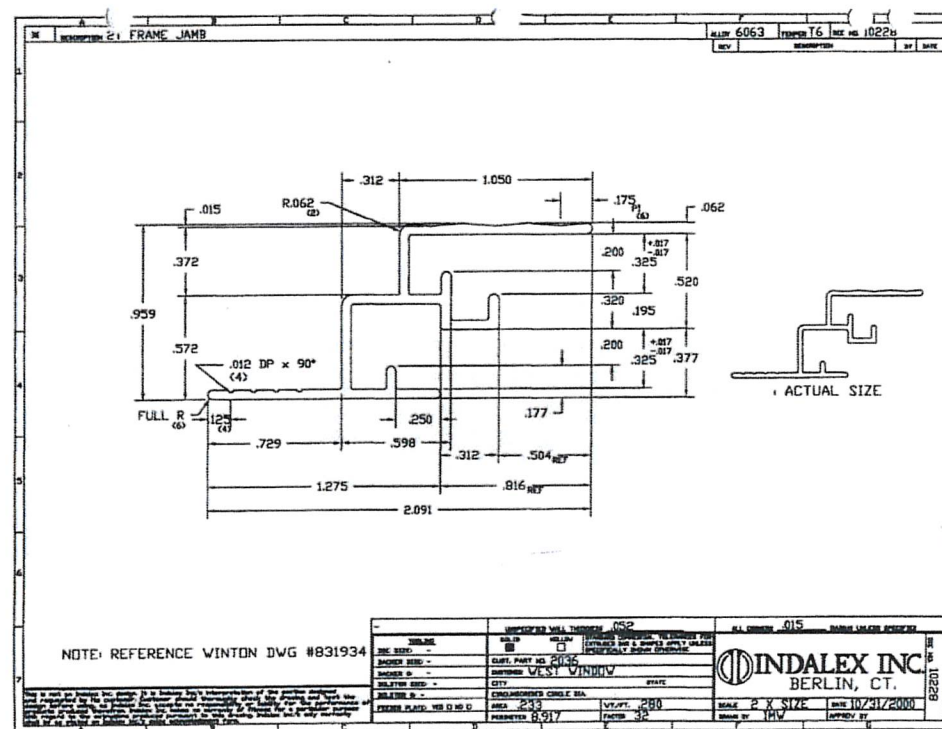


Image of window jamb with installed storm



Jamb detail

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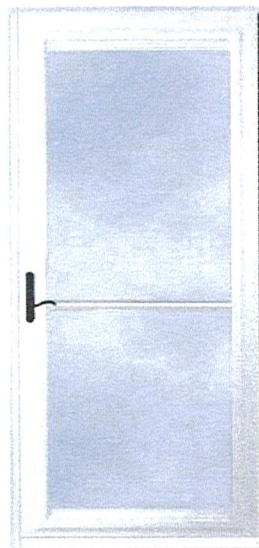
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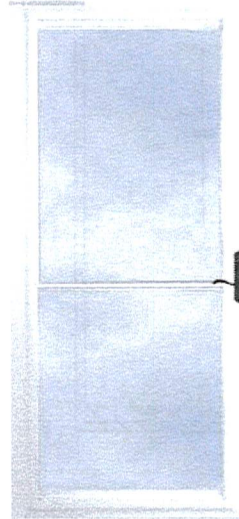
Storm Door Specifications

YOUR PROFESSIONAL-CLASS PRODUCT

Spectrum Series Storm Door - Single Hung Model 291 Full View



OUTSIDE VIEW



INSIDE VIEW

SIZING

Standard Size: 36" x 80"
Minimum Opening Size: 35 3/4" x 79 13/16"
Maximum Opening Size: 36 1/8" x 80 11/16"
Unit Size (Inside Z-Bar): 35 5/8" x 79 3/4"
Tip-to-Tip (Outside Z-Bar): 38" x 80 7/8"
Slab Size: 35 1/8" x 79 1/8"

HANDING

Hinge on the Right
Outside Looking In

Installation Instructions



ENERGY

ENERGY PERFORMANCE RATINGS

U-Factor (U.S.I-P)	Solar Heat Gain Coefficient
1.04	0.86

ADDITIONAL PERFORMANCE RATINGS

Visible Transmittance	Total UV
0.90	0.73



877.389.0835
2150 State Route 39
Sugar Creek, OH 44681

QUOTE INFORMATION

Job: McAuliffe
Tag: Front 1
Order #10584045-1
Qty: 1

DETAILS

Spectrum 291SH Full View
Single Hung
Top Operable Sash
36" x 80" Standard Size
Snow Mist White
Standard Z-Bar
Pre-Hung
Black Look Piano Hinge
Hinge on Right (Viewed from Outside)
1-1/2" Color Matched Bottom Expander
Black Sierra Mortise Handleset (DH256) LockB (DH277)
Assign a Random Key Number
Handleset Prep at Standard Location (39") on Left (Viewed from Outside)
Color Matched Dual Closers (DH220-01)
Clear Glass
Top Screen with Fiberglass Screen Mesh

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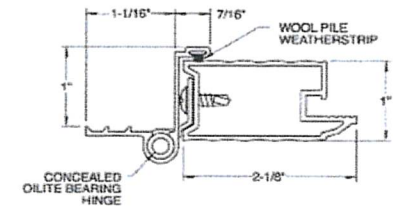
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Storm Door Specifications

Storm door made of extruded aluminum

Standard Features

- Safety Glazing, using tempered glass or acrylic.
- Door frames are one-inch thick, tubular extruded aluminum for strength and durability. Stamped steel corner reinforcement gussets are used at the frame corners for extra rigidity.
- Doors are factory pre-hung in a heavy extruded aluminum frame, designed for long service life and easy installation.
- Four concealed bronze oilite bearing hinges are standard. These self lubricating hinges with machined aluminum pin are enclosed in a tubular extruded aluminum hinge leaf for years of trouble free performance. This time-tested hinge design is the same as that used on West's line of heavy one-inch wood core storm doors.
- Quality aluminum screen cloth in all screens.
- Wool pile weatherstripping is used around the perimeter of the hinge frame. Two rubber sill sweeps are used at the door bottom to help seal out drafts. The door's bottom expander is fully adjustable for a perfect fit.
- Standard hardware includes pushbutton latch, closer, and storm chain, all in black painted finish.
- Painted finishes on door and frame are an electrostatically applied enamel, which is durable and long lasting.



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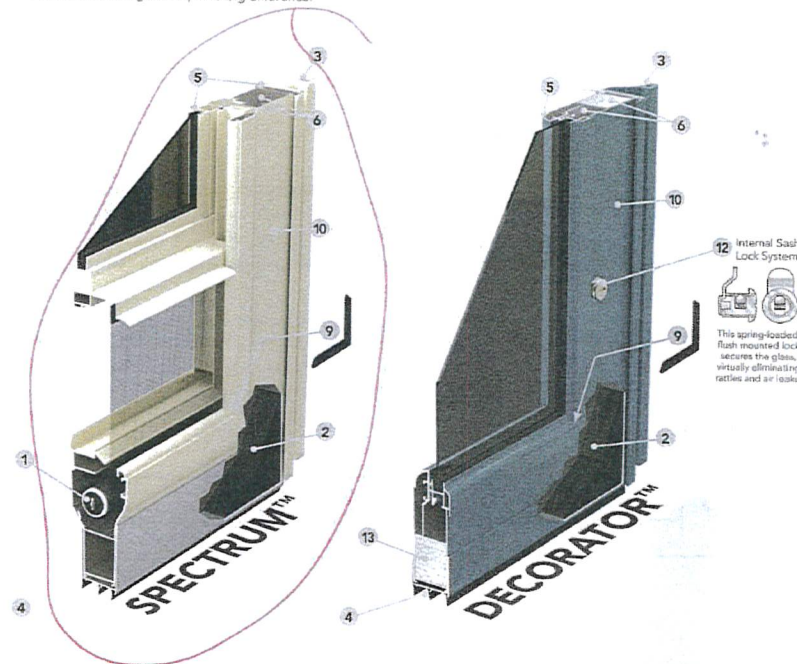
Minor Works Application

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Storm Door Specifications

STORM DOOR DETAILS

The details are the small things that set our storm doors apart from the competition. A lot of small things add up to a big difference.



CONSTRUCTION	Spectrum	Decorator	Deluxe	DuraGuard	Superview
1: InVent™ retractable screen system	•				
2: Outside corners are secured to corrosion proof gaskets for structural integrity	•	•	•	•	•
3: Color matched aluminum installation screw covers enhance the appearance of your door	•	•	•	•	•
4: Triple bottom sweep eliminates drafts	•	•	•	•	•
5: The sculptured frame adds durability	1 1/2" x 6 1/2"	1 1/2" x 4"	1 1/2" x 2 1/2"	1 1/2" x 3 1/2"	1 1/2" x 2 1/2"
6: Multi-hollow construction provides greater strength and security than standard storm doors	•	•	•	•	•
7: The reinforced aluminum lock panel adds durability	•		•	•	•
8: The aluminum lock panel resists rust and adds strength	•		•	•	•
9: Corner keys provide added support to the inside of the door frame	•	•	•	•	•

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