



CAMBRIDGE HISTORICAL COMMISSION

831 Massachusetts Avenue, 2nd Fl., Cambridge, Massachusetts 02139
Telephone: 617 349 4683 TTY: 617 349 6112
E-mail: histcomm@cambridgema.gov URL: www.cambridgema.gov/Historic

APPLICATION FOR CERTIFICATE

1. The undersigned hereby applies to the Cambridge Historical Commission for a Certificate of (check one box): Appropriateness, Nonapplicability, or Hardship, in accordance with Chapter 40C of the Massachusetts General Laws and/or Chapter 2.78 of the Municipal Code.

2. Address of property: , Cambridge, Massachusetts

3. Describe the proposed alteration(s), construction or demolition in the space provided below: (An additional page can be attached, if necessary).

We would like to replace 24 windows and one door with energy-efficient windows and a door in the Marvin Elevate series, identical to the windows that were approved by the Cambridge Historical Commission for our renovation in the fall of 2024. The home was built in 1947 and the windows are drafty and ill-fitting at present. We have ice on the inner surface of some of the windows throughout the winter. We have investigated replacing the storm windows, but this will result in less energy efficiency and is almost as costly as replacing the windows. Several structures in our immediate neighborhood on Brattle Street have recently had similar window replacements.

I certify that the information contained herein is true and accurate to the best of my knowledge and belief. The undersigned also attests that he/she has read the statements printed on the reverse.

Name of Property Owner of Record:	<input type="text" value="Ellen Williams and Lawrence Miller"/>		
Mailing Address:	<input type="text" value="125 Brattle Street"/>		
Telephone/Fax:	<input type="text" value="617-270-3147"/>	E-mail:	<input type="text" value="ellenkwilliams54@gmail.com"/>
Signature of Property Owner of Record:	<input type="text"/>		
(Required field; application will not be considered complete without property owner's signature)			
Name of proponent, if not record owner:	<input type="text"/>		
Mailing Address:	<input type="text"/>		
Telephone/Fax:	<input type="text"/>	E-mail:	<input type="text"/>

(for office use only):			
Date Application Received:	<input type="text"/>	Case Number:	<input type="text" value="5251"/>
		Hearing Date:	<input type="text" value="2/6/25"/>
Type of Certificate Issued:	<input type="text"/>	Date Issued:	<input type="text"/>



125 Brattle Street

Cambridge, MA

EXISTING CONDITIONS

Start Accurate. Stay Accurate.™

These drawings were created to clients' specifications. To request additional documentation, please contact us at www.existingconditions.com/get-started

Phone: 617.247.9161
Email: info@existingconditions.com
Website: www.existingconditions.com

All projects are measured using the most advanced laser measuring equipment and our best standards and practices. All work will be field verified by client prior to design or construction in other areas.

DISCLAIMER:

- It is expressly acknowledged by client that Existing Conditions Services, Inc. ("ECS") is not an architect or a professional engineer. ECS is not licensed in any state and does not provide any services of an architect or engineer. ECS is not an architect or engineer and does not provide any services of an architect or engineer. ECS is not an architect or engineer and does not provide any services of an architect or engineer.
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- These drawings are for the intended purpose of the project and are not to be used for any other purpose. ECS is not responsible for any errors or omissions in these drawings. ECS is not responsible for any errors or omissions in these drawings.
- Any of these drawings, or any modification thereof, shall be the property of Existing Conditions Services, Inc. and shall remain the property of Existing Conditions Services, Inc.

LIMITS OF SERVICES:

- Work shown on these drawings represents what was observed during the field visit and is not intended to be a complete representation of the existing conditions. ECS is not responsible for any errors or omissions in these drawings. ECS is not responsible for any errors or omissions in these drawings.
- These drawings are for the intended purpose of the project and are not to be used for any other purpose. ECS is not responsible for any errors or omissions in these drawings. ECS is not responsible for any errors or omissions in these drawings.
- Any of these drawings, or any modification thereof, shall be the property of Existing Conditions Services, Inc. and shall remain the property of Existing Conditions Services, Inc.

Project Number: 15822854493

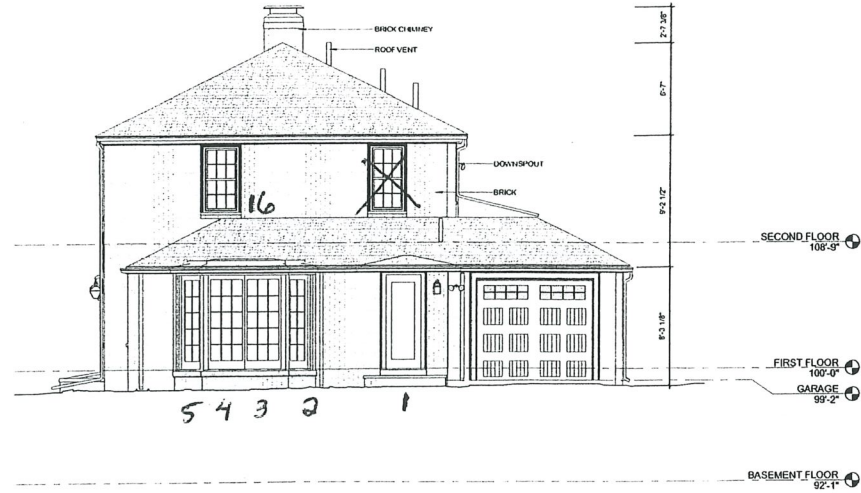
Cover Sheet

Date: 2/16/2024

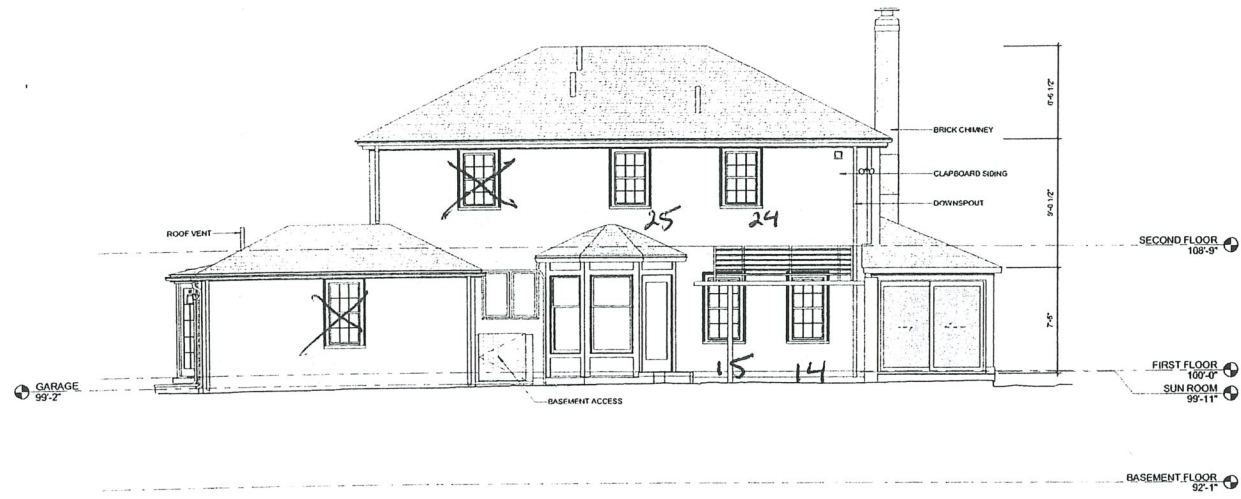
Scale:

Created By: KC

EX00



2 East Exterior Elevation
Scale: 1/4" = 1'-0"



1 North Exterior Elevation
Scale: 1/4" = 1'-0"

125 Brattle Street

Cambridge, MA

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All projects are measured using the owner's site record files including topography and soil test records and all other data as well as field verified by client prior to design or construction on other work.

- NOTES:**
1. It is hereby acknowledged by client and Existing Conditions that the drawings are prepared by Existing Conditions based on the information provided by the client and are not to be used for any other purpose without the written consent of Existing Conditions.
 2. There is no warranty or liability on the part of Existing Conditions for any errors or omissions in the drawings or for any damage or loss resulting from the use of the drawings for any purpose other than that intended by the client.
 3. THE DRAWING IS PREPARED BY THE ARCHITECT AND IS NOT TO BE USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. THE ARCHITECT IS NOT RESPONSIBLE FOR ANY DAMAGE OR LOSS RESULTING FROM THE USE OF THE DRAWINGS FOR ANY PURPOSE OTHER THAN THAT INTENDED BY THE CLIENT.
 4. These drawings are for the information of the client and are not to be used for any other purpose without the written consent of Existing Conditions.
 5. The client is responsible for obtaining all necessary permits and approvals for the project.
 6. The client is responsible for providing all necessary information and data for the project.

- Limit of Services:**
1. The drawings are prepared for the client's use only and are not to be used for any other purpose without the written consent of Existing Conditions.
 2. Existing Conditions is not responsible for any damage or loss resulting from the use of the drawings for any purpose other than that intended by the client.
 3. Existing Conditions is not responsible for any errors or omissions in the drawings or for any damage or loss resulting from the use of the drawings for any purpose other than that intended by the client.
 4. Existing Conditions is not responsible for any damage or loss resulting from the use of the drawings for any purpose other than that intended by the client.
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Project Number: 15922854493

Existing Exterior Elevations

Date: 2/16/2024

Scale: 1/4" = 1'-0"

Created By: KC

EX06

125 Brattle Street

Cambridge, MA

EXISTING CONDITIONS

Start Accurate. Stay Accurate.™

These drawings were created to client's specifications. To request additional documentation, please contact us at www.existingconditions.com/get-started

Phone: 617.247.8151
Email: info@existingconditions.com
Website: www.existingconditions.com

All projects are measured using the metric submittal for existing conditions and our best standards and practices. All work to be bid and/or performed by a licensed contractor.

DISCLAIMER

1. It is not intended to be used for any other purpose than the one intended by the client.
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3. It is not intended to be used for any other purpose than the one intended by the client.
4. It is not intended to be used for any other purpose than the one intended by the client.
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9. It is not intended to be used for any other purpose than the one intended by the client.
10. It is not intended to be used for any other purpose than the one intended by the client.

- ### Notes
1. The main level and sub-levels shown are for 30 years.
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 9. The main level and sub-levels shown are for 30 years.
 10. The main level and sub-levels shown are for 30 years.

Project Number: 15922854493

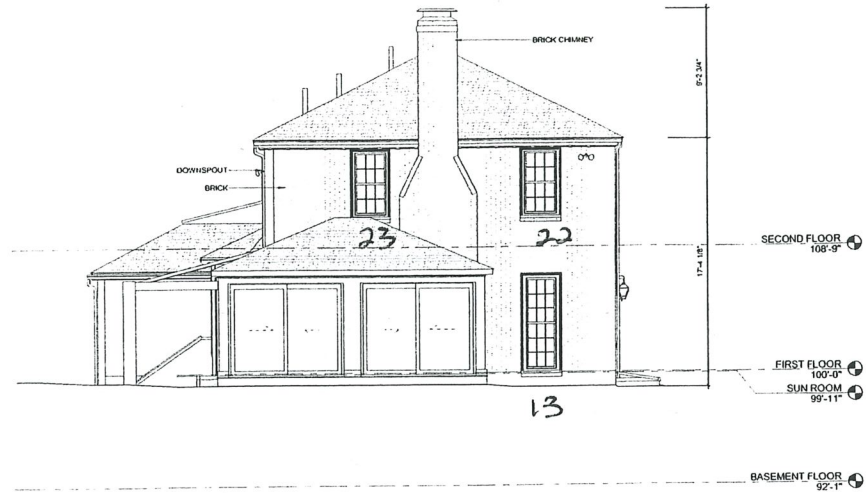
Existing Exterior Elevations

Date: 2/18/2024

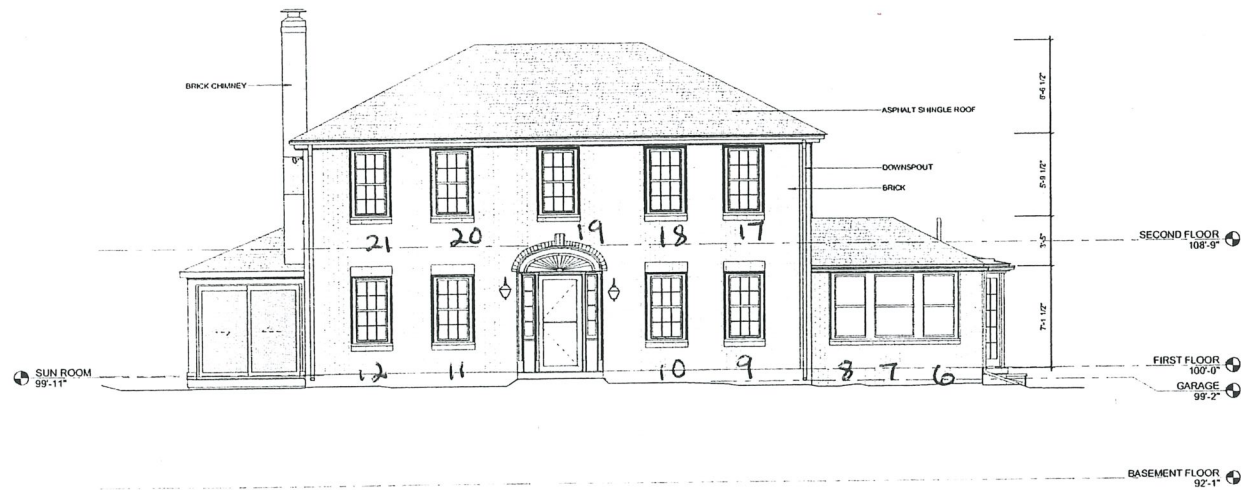
Scale: 1/4" = 1'-0"

Created By: KC

EX05



2 West Exterior Elevation
Scale: 1/4" = 1'-0"



1 South Exterior Elevation
Scale: 1/4" = 1'-0"

Window 1 (Door)



Window 2



Window 3



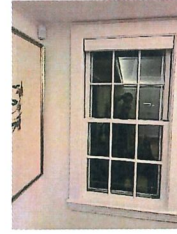
Window 4



Window 5



Window 6



Window 7



Window 8



Window 9



Window 10



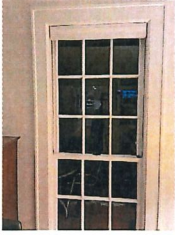
Window 11



Window 12



Window 13



Window 14



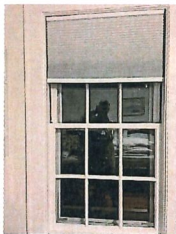
Window 15



Window 16



Window 17



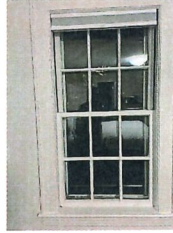
Window 18



Window 19



Window 20



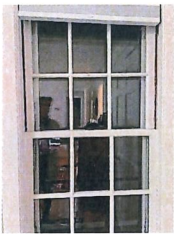
Window 21



Window 22



Window 23



Window 24



Window 25



Window specifications and Design

The proposed window design in all cases will mimic what is already in existence, so the double hung 6 over 6 windows will be replaced with a double hung 6 over 6. The fixed long window with 18 segments will be replaced with the same.

MARVIN

Elevate Double Hung Insert Window

The Elevate® Double Hung Insert window offers traditional style with superior strength. Tilt the sashes in or remove for easy cleaning. Style meets durability with a low-maintenance Ultrex® fiberglass exterior and warm wood interior.

Material

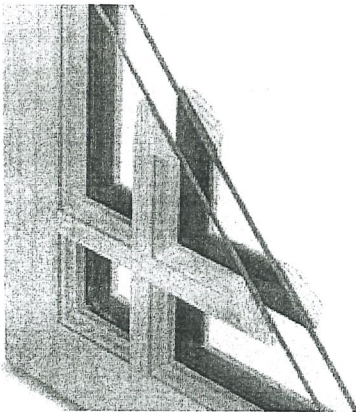
Ultrex® Fiberglass Exterior | Wood Interior

Interior Finish

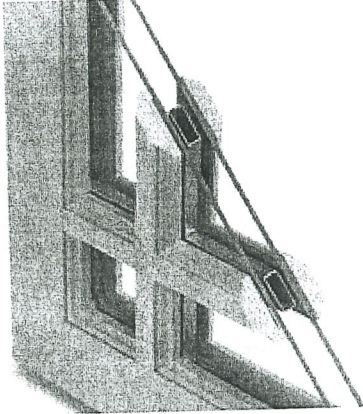
Bare Pine, Clear Coat, Painted White

Sizing

Fits Openings up to 4.5' Wide by 6.5'



Simulated Divided Lite (SDL)

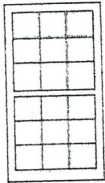


Simulated Divided Lite with Spacer Bar (SDLS)

Patterns

Marvin's custom capabilities allow us to create almost any divided lite pattern you can dream up, with combinations of widths, unique profiles, rectangular or radius cuts and more. Choose from an existing lite cut, specify custom divided lites according to a new design or ask our design professionals to assist in creating a pattern for your needs.

These are some of our most frequently-requested divided-lite patterns.



Rectangular

Unit Features Continued**Weather Strip:**

- All units are dual weather stripped.
- All weather strip is beige, black, or white in color.
- Jamb weather strip is a robust fabric covered foam weather strip that is inserted into a rigid vinyl jamb carrier and used to seal sash to jambs. An additional jamb weather strip is inserted into Ultrex/wood and seals bottom sash to jamb.
- Parting stop is vinyl with a flexible leaf seal to seal between the header and the upper sash.
- Check rail weather strip is a hollow bulb.
- Bottom rail extension has a hollow bulb weather strip that interfaces against the Ultrex sill and jamb weather strip.
- Picture and transom units is a hollow bulb weather strip that is inserted into rigid vinyl jamb carrier and head jamb carrier to seal sash.

Screen:

- Full screen is standard. Half-screen option is available.
- Screen Frame: Aluminum Screen Frame. Option: None
 - Color to match exterior frame color
- Marvin BrightView™, Options: None.
- Spring loaded pins for installation.

Interior / Exterior Simulated Divided Lites (SDL):

- Interior bar: 7/8" (22) wide bars
 - Pine non finger-jointed wood, factory-applied white, clear, and designer black finishes
- Exterior bar: 7/8" (22) wide bars Ultrex, finish to match exterior
 - Patterns available: Rectangle, Cottage style cut, 9 lite Prairie cut or 6 lite Prairie for top sash, bottom sash, or both.
- Available with or without aluminum interior spacer bar in airspace.
- ELDHP Only: Simulated check rail option: 2 11/32" (60).
 - Patterns available: simulated rail in standard center or customer specified location with 7/8" (22) patterns above, below or both in patterns of rectangular equal lite or prairie lite cut.
- SDL spacer bars are available.
- Not available with rain, reed and narrow reed decorative glass patterns. Glue chip pattern requires tempered glass. Tinted glass available without spacer bar only.

Grilles-Between-The-Glass (GBG):

- 23/32" (18) contoured aluminum bar placed between two panes of glass
- Pattern: Standard rectangular pattern, 6 or 9 lite Prairie cut, or Cottage style cut
 - Exterior colors: Stone White, Pebble Gray, Bronze, Cashmere, Gunmetal, or Ebony
 - Interior Colors: White, Bronze, or Black.
- Not available with tinted glass.

NOTE: NFRC values are now located on www.marvin.com.

Unit Features

Elevate Double Hung Insert: ELDHIN

Elevate Double Hung Insert Picture: ELDHINP

Elevate Double Hung Insert Transom: ELDHINT

For applicable certification and code information, refer to the Introduction and Product Performance chapter.

Frame and Sash:

- The frame and sash exteriors are made of Ultrex®.
- Exterior colors: Stone White, Pebble Gray, Bronze, Cashmere, Gunmetal, or Ebony. Frame and sash color may be selected independently.
- The interior is non finger-jointed pine, kiln dried to a moisture content of 6-12% at time of fabrication. Water-repellent, preservative treated.
- Interior wood is available as Pine bare wood or factory-applied white, clear, or designer black finishes. Frame and sash color may be selected independently.

Frame:

- Composite frame thickness is 1 13/16", (46). Frame width is 3 1/4", (83). Sloped sill with 8 degree bevel. Non finger-jointed pine interior frame liner is applied to all units. Ultrex is .075" (2) thick. Sloped sill with 8 degree bevel.

Sash:

- Composite sash thickness is 1 17/32" (39). Ultrex is .070" (2) thick. Sash can be replaced but cannot be re-glazed.

Hardware:

- The balance system is a coil spring block and tackle system, with nylon cord and zinc locking clutch.
- Both sash tilt into the room for cleaning or removal for painting without removing the screen.
- High-pressure zinc die cast check rail lock and keeper.
- Lock employs a cam-lock mechanism.
 - Color: Almond Frost, White, or Matte Black. Optional Bright Brass, Oil Rubbed Bronze, and Satin Nickel.
- Each sash employs spring loaded tilt latches to allow for easy tilting or sash.
- On units 42 3/32" (1069) and wider, two locks are mounted.
- Optional factory applied Window Opening Control Device is available on all sizes. A system consisting of an acetal lever housed in an acetal shell on each stile of the top sash. This device works in accordance to ASTM F2090-17 standard specification for window fall prevention devices with emergency escape.
 - Color: White, Beige, or Black.
- Optional field-applied flush-mounted, die-cast sash lift.
 - Available Colors: Almond Frost, White, Bright Brass, Satin Nickel, Oil Rubbed Bronze, and Matte Black finishes.

Installation:

- Operator
 - Secure the jambs with minimum of two #8 x 3" pan head screws.
 - Maximum spacing of jambs not to exceed 3/16".
 - Secure the head jamb with either zero or two #8 x 3" pan head screws.
- Picture:
 - Secure the jambs with minimum of two #8 x 3" pan head screws.
 - Maximum spacing of jambs not to exceed 3/16".
 - Secure the head jamb with two #8 x 3" pan head screws.

Glazing:

- All units are manufactured with an 11/16" (17) IG with Low E1, E2, E3, or E3/ERS coatings including argon gas or air fill. Clear (uncoated) glass available with air fill only.
 - Tripane not available.
- Tempered glass and/or obscure glass, and California Fire glass (annealed exterior and tempered interior glazing configuration) are available as an option.
- The glazing seal is a silicone bedding on both interior and exterior surfaces utilized in a sandwich style sash.
- STC/OITC values are available for 3.1 mm glass thickness.
 - Optional 3.1/4.7 STC/OITC Upgrade glass is available. See the Product Performance chapter for STC and OITC ratings.
- Decorative glass options include glue chip, rain, reed, narrow reed, frost, and tinted (bronze, gray or green). Decorative glass is not available with Low E1, Low E3/ERS, or STC/OITC Upgrade options.

Application #: _____
 Applicant Name: Ellen Williams & Lawrence Miller

Address: 125 BraHie St.
 Date Received: _____

Window Survey Form

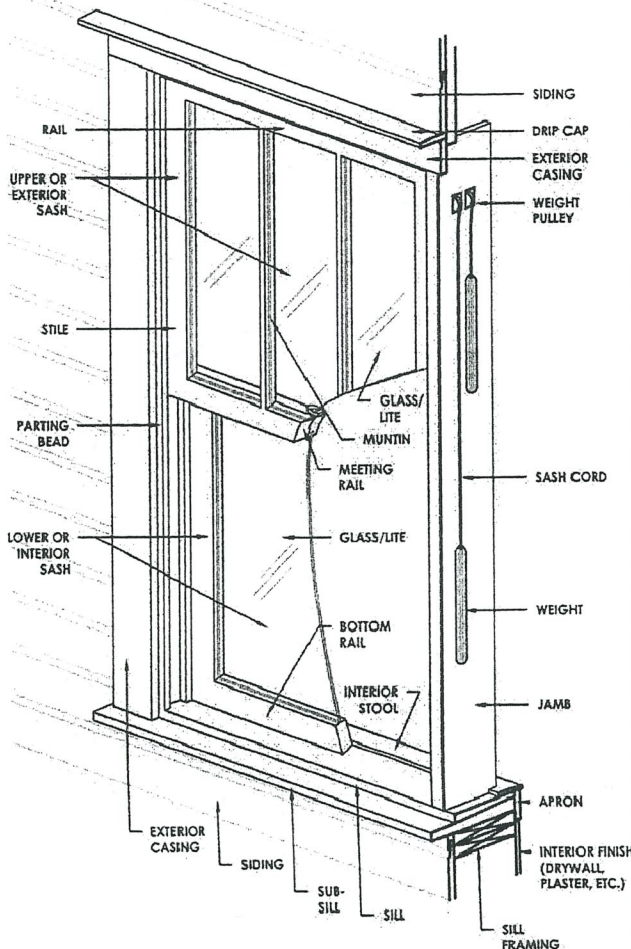
Have?

Basic Requirements

- Photographs or drawings of each elevation of the structure, with all window openings on each elevation numbered
- Photographs of each numbered window opening proposed for replacement
- Condition evaluation of each windows (see reverse)
- Proposed window design (sash, casement, fixed, etc.), pattern (1-over-1, 2-over-1, etc.), materials (wood, vinyl, clad, etc.), etc. *Specify if different for certain openings.*
- Proposed product information that includes company's depiction or photograph of actual proposed product
- Other _____

IF REPAIRING WINDOWS, YOU DO NOT NEED TO COMPLETE THIS FORM.

- Using photographs or elevation drawings, assign a number to **ALL WINDOW OPENINGS** on the structure. If using photos, they need to show the **ENTIRE** elevation. Windows in pairs or groupings should be assigned *separate* numbers. Windows in dormers and small fixed windows should also be included, but not door sidelights or transoms associated with a door.
- Describe condition of window under the same number on the back of this sheet. Describe the specific issues and conditions of **EACH** window in detail, referring to the specific parts (see diagram below). Additional close-up photographs showing evidence of the window condition **MUST** be provided to better document problem areas.



The Commission's evaluation and recommendation is based on deterioration/damage to the window unit, and associated trim.

PLEASE NOTE: Broken glass, windows with broken sash cords, windows that do not open, energy efficiency, draftiness, noise intrusion, and windows that are painted or screwed shut are **NOT** grounds for approving replacement. These can all be addressed through repair and/or the addition of a storm window.

Total number of window openings on the structure	43
Number of historic windows on the structure	0
Number of existing replacement/non-historic windows	43
Number of windows completely missing	0
Totally number of windows proposed for replacement	25

Application #: _____
 Applicant Name: Ellen Williams & Lawrence Miller

Address: 125 Braille St.
 Date Received: _____

Window Survey Form

Window #	Condition Notes
1	Drafty, ill-fitting
2	" condensation & ice forms on
3	" the inside surface.
4	" "
5	" "
6	" "
7	" "
8	" "
9	" "
10	" "
11	" "
12	" "
13	" "
14	" "
15	" "
16	" "
17	" "
18	" "
19	" "
20	" "
21	" "

Window #	Condition Notes
22	" "
23	" "
24	" "
25	" "
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