



City of Detroit - Planning & Development Department
2 Woodward Avenue, Suite 808
Detroit, Michigan 48226

HISTORIC DISTRICT COMMISSION ADDITIONAL INFORMATION REQUEST

Date: 03/24/2026

Application Number: HDC2026-00108

APPLICANT & PROPERTY INFORMATION

NAME: Nicole Stowers

COMPANY NAME: N/A

ADDRESS: 14597 Artesian St

CITY: Detroit

STATE: MI

ZIP: 48223

PROJECT ADDRESS: 14597 Artesian St

HISTORIC DISTRICT: Rosedale Park

REQUESTED INFORMATION

We have received your application, but it is not yet complete for review. Please provide additional details based on the comments and questions listed below. Should you need to attach additional files per this request, use the paperclip icons at the end of this form. You may attach up to (5) files per icon up to 25MB:

This application is incomplete. Please provide the following:

- Numbered window schedule, which includes...
 - Visual depiction to show the proportions, material, color, operation, lite configuration type and dimensions, and dimensions of each proposed new window (this is often provided with window orders, quotes, etc.)
- Photos of the exterior elevations of the house (we need to see the whole sides, not close up photos, please) with labels to coordinate with the numbered window schedule
- Interior photos of each of the existing historic windows (we need to see the WHOLE window, with proper lighting) with labels to coordinate with the numbered window schedule
- Clarify if the window's frames, trim, sills, lintels, mullions, and/or brick mould will be kept in place, removed, or covered, and how

The replacement of historic windows does not fall within staff authority and will require review by the Historic District Commission ("Commission") at an upcoming meeting. The Commission regularly and typically denies the replacement of historic windows.

PLEASE VIEW OUR HISTORIC WOOD WINDOW GUIDELINES (also attached below):

<https://detroitmi.gov/sites/detroitmi.localhost/files/2024-09/Guidelines%20for%20Historic%20WindowsFINAL.pdf>



PSR: Lise

260324LS

APPLICANT RESPONSE

Response Date: 07/19/2026



Hi,

Please see the link below and attached for the requested information:

<https://drive.google.com/drive/folders/10e6wh7IJO9bFPYPXoNbHRxGT38aXoiJy?usp=sharing>

Guidelines for Historic Wood Windows

Detroit Historic District Commission

Repair is the First Option for Historic Wood Windows

The Detroit Historic District Commission (HDC) follows the Secretary of Interior Standards for Rehabilitation for historic properties www.nps.gov/subjects/taxincentives/secretarys-standards-rehabilitation.htm. Accessed 9 Jan. 2024..

For historic windows, Standard 6 is most directly applicable:

Standard 6. Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.

The central message of the Standards is that historic windows will be repaired rather than replaced. Only when a window has severely deteriorated, and it cannot be repaired, may it be replaced. Generally, even badly deteriorated windows can be repaired by crafts persons who know about historic windows. The standard for replacement windows is strict.

"I've assessed the condition of more than a thousand [sashes], and never seen a sash that could not be repaired." John Leeke (well-known window contractor), Historic Home Works

The Standards for Rehabilitation are from the Secretary of the Interior, National Park Service.¹ The HDC is required to follow these Standards by the Detroit City Ordinance for historic districts.²

Standard 2 also applies directly, because historic windows are a defining characteristic of historic buildings.

Standard 2. The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces and spatial relationships that characterize a property will be avoided.

Other Standards also relate to windows less directly.

¹ "The Secretary of the Interior's Standards for Rehabilitation." National Parks Service, U.S. Department of the Interior, www.nps.gov/subjects/taxincentives/secretarys-standards-rehabilitation.htm. Accessed 9 Jan. 2024.

² "2019 Detroit City Code, Sec. 21-2-73. - Issuance of Certificate of Appropriateness." Municode Library, library.municode.com/mi/detroit/codes/code_of_ordinances?nodeId=CICOCH21--43_CH21HI_ARTIIHIDILA_DIV4PEWOWIDI_S21-2-73ISCEAP. Accessed 9 Jan. 2024.

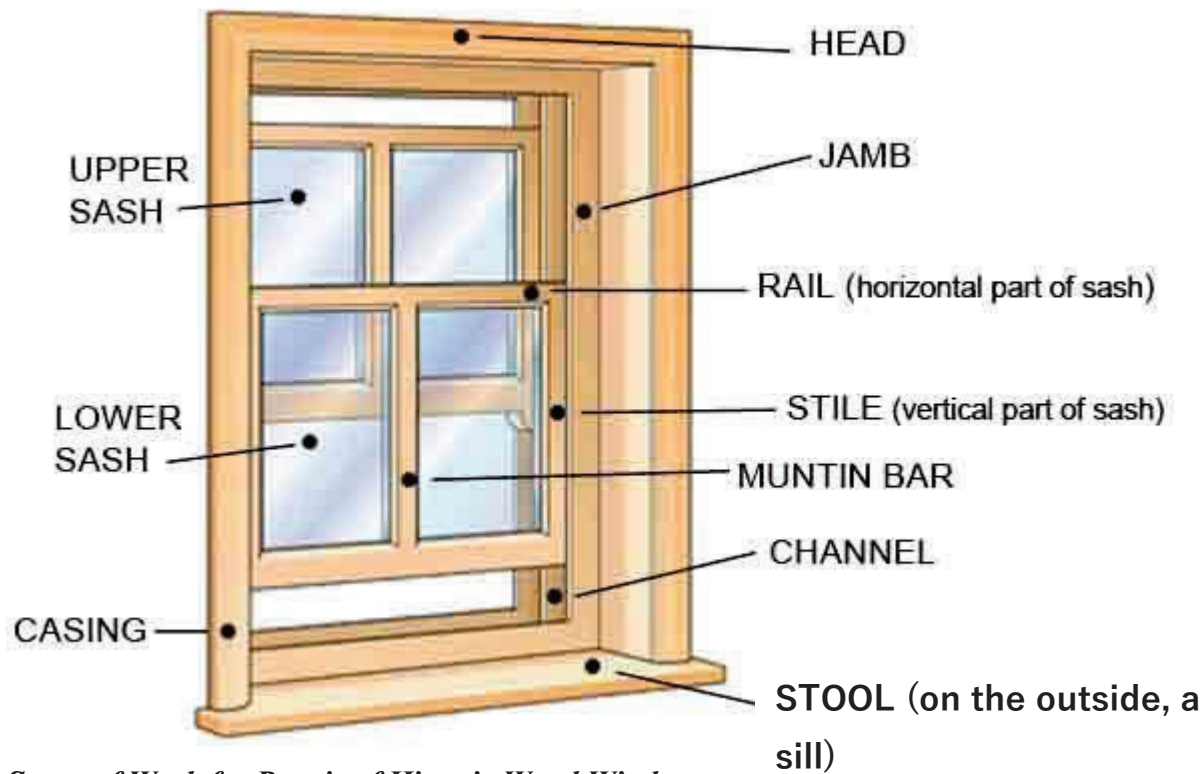
What Constitutes Repair of an Historic Wood Windows.

The principal objective of the Standards for Rehabilitation is to preserve historic properties and their features for the future. For historic windows to be preserved, they must be kept in good repair. Most of all, preservation requires regular maintenance. When a portion of a window has deteriorated, due to lack of maintenance or damage, it must be repaired sufficiently to assure its survival.

A historic window that is preserved for the future will have these characteristics:

1. No broken or cracked panes of glass.
2. Glazing putty on the exterior is intact and painted.
3. Paint is intact, with no flaking paint.
4. Wood windowsills are intact and painted.
5. All components of the window sash are intact and painted.
6. Any missing sash (upper, lower, or both) is replaced to match the originals closely.
7. The window jambs, brickmould, head, and casing are intact and painted.
8. Caulking in between brick molds and casings to prevent moisture incursion.
9. Any window that must be opened is operable: lower sash can move up and down; casement windows can swing open.

Operability is not a required condition for a fully repaired window. For example, upper sash rarely are opened and do not need to be operable. Other windows that are not opened do not need to be operable.



Scope of Work for Repair of Historic Wood Windows

A historic wood window that lacks any of these characteristics will need to be repaired to preserve it into the future. Often the repairs are just elements of deferred maintenance.

The Scope of Work for repair is for individual windows. The Scope of Work will include just the minimum repairs necessary for the window to have all of the characteristics of a historic window preserved into the future.

On most buildings, many windows are likely to be in good repair and require little or no repair. For example, upper sash often need little repair. Some windows may need extensive repair work; lower sash and windowsills often need repair.

These repairs may be necessary to rehabilitate an individual window:

1. Broken or cracked panes of glass must be replaced.
2. Glazing putty at panes of glass on the exterior must be intact to protect the window. Intact glazing can be left in place; missing or deteriorated glazing must be replaced.
3. If there is flaking paint or bare wood, it must be scraped or sanded to prepare for primer and final coats of paint to protect the window.
4. Wood windowsills must be stabilized or repaired and sealed with primer and final coats of paint; if severely deteriorated, wood sills can be replaced in kind. Sills must slope away from the window to drain water.
5. If a sash has a deteriorated component (rail, stile, or muntin), that component must be stabilized or repaired sufficiently to preserve the window. Individual elements can be replaced in kind.
6. If a sash is missing or unrepairable, a new sash can replace the missing sash; the new sash must match the original sash closely.
7. If the window jambs, brickmould, head, and casing are deteriorated or damaged, they must be repaired or replaced in kind.

Prioritize Repairs

Some window repairs can have higher priorities than others. Spreading out the repair over time also spreads out the expense, which may be more manageable, if funds or financing are not available to do all repairs at one time.

1. Window Usage

In most buildings, occupants open some windows and not others. Windows that are the most important to be opened can have higher priority and be repaired first. For windows that are never opened, repairs can be deferred. Upper sash rarely are opened - only lower sash may need repair. Even if an unused window needs substantial repair, if it is covered by a storm window, that protection can allow deferral of the repair, perhaps for many years; in this way, a window is “mothballed” for future repair.

2. Window Conditions

For most buildings, the conditions of windows will vary. Some will be in good repair. Often upper sashes in double-hung windows get little wear and are in good condition. Some windows may need extensive repairs, including replacement of some components. And some will need small repairs. Windows that need the most repair can have higher priority to be repaired.

Beyond Repair

Full Restoration

Historic windows can be restored close to their original condition. While such a restoration to a “like new” condition is an ultimate goal, this goes beyond the repair necessary to preserve windows into the future, until a fuller restoration is possible.

A brief scope of work for a more extensive restoration is below. A full restoration may require that the window be disassembled.

1. Necessary repairs are, of course, the first step in a full restoration.
2. Paint or finish build-up (both exterior and interior) can be removed and replaced with fresh finishes. Interior finishes often are other than paint: they may not have as much build-up and can be refreshed rather than removed. As old paint may be lead-based, caution is required and safety steps must be implemented.
3. Glass can be fully reglazed.
 - a. Most simply, all glazing putty can be removed and replaced.
 - b. Further, glass panes can be removed from their beds (glazing rabbets), the beds cleaned, a thin layer of glazing compound applied to the beds, and the glass reset and reglazed.
4. Window hardware can be thoroughly cleaned and lubricated, or perhaps replaced to match the original.
5. On double-hung windows, sash ropes can be replaced, and pulleys can be lubricated or replaced.
6. New weather stripping can be added as needed.

Weatherization

A historic wood window that is in good repair also can be weatherized to reduce heat loss. Weatherization blocks cold air infiltration and prevents the escape of warm air. Energy also is lost through heat conduction through glass, which weatherization can reduce. In addition, weatherization measures also can reduce moisture infiltration that damages window structures.

The most effective weatherization is a tight-fitting storm window.

1. If exterior storms exist, they can be updated with new stripping and brush seals or rubber seals, and latches lubricated or replaced. Replace any broken glass.
2. Replace any missing glass and screen panels.
3. If there are no storms, there are both exterior and interior storm window options.

4. For exterior storms, caulking around the edges will reduce air infiltration and tighten the air space to reduce convection. However, do not caulk the bottom edge of storms, as this leaves a space for moisture to escape.
5. Exterior storms also protect windows from deterioration from weathering.

Storm windows and tightly weatherized sash create a large dead air pocket, which is an insulator. This is the same principle of insulation as a modern double-paned window sash, but with a much larger dead air space.

Several additional weatherization steps include:

1. Caulk around the exterior of windows where the jambs, brickmould and casing join the house. Heads and sills should not be caulked: open spaces allow moisture to escape.
2. On the interior, any space between interior casing and plaster walls can be sealed with spackling.
3. Weatherstripping on the interior between sash and jamb, using inexpensive weather stripping.
4. Sash locks in good repair (or replaced) keep the upper and lower sash tightly sealed.

Window Replacement

When a historic window is missing, it can be replaced. Also, when a window is so deteriorated or damaged that repair is either technically not feasible or economically not reasonable, it can be replaced.

For economic reasonableness, the cost of repair that is relevant is the cost of the scope of repair, as delineated above. While a full restoration will have higher cost, that is not the relevant cost to consider with respect to window replacement.

What is a reasonable cost of repairing a window is contingent on the importance of the window. In a building, a window or set of windows may be so important to the architectural design of the building that they need to be repaired even at a fairly high cost rather than replaced. For example, a large leaded-glass window in a prominent location may be crucial to the character of a building.

Replacement windows must conform to conditions specified in Standard #6: *the new feature will match the old in design, color, texture and, where possible, materials.*

1. New windows must match the original windows in operation: most often windows are fixed panes, double-hung, or casement. There are other types.
2. The pattern of lites (panes) in the window must match that in the original window. For example, if an upper sash has 6 lites and the lower sash has only one, then the new windows must have the same configuration. There are many different configurations of lites observed in historic windows. Often these are highly distinctive configurations that are integral to the architecture of the building.
3. The dimensions of the window components (the rails, stiles, and muntins) should match or be very close to the dimensions of the components of the original window.

4. Multipaned windows must be replaced with either true divided lite windows or windows with simulated divided lites. Faux muntins between the glass panes of double-glazed window glass do not provide the same shadow lines and depth as historic windows and are inappropriate.
5. The color of the new windows must be within the color palette appropriate for the architectural style of the building.
6. The material of new windows should be the same as the original windows or be reasonably close in appearance.

ADOPTED BY THE DETROIT HISTORIC DISTRICT COMMISSION MARCH 13, 2024

Customer Quote



Pella Corporation
pella.com

MCGLINCH & SONS CO
29565 Grand River Ave

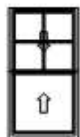
FARMINGTON HILLS, MI 48336-5621
(248) 987-6300

Distributed by: Pella Windows and Doors

Customer Name	Deliver To Address	Order Information
		Estimated Delivery Date: None Order Number: 189 Quote Number: 19863040 Final Wall Depth: Customer PO:

Customer Notes ALL WINDOWS ARE FULL FRAME INCLUDING NEW COLONIAL2 CASING 2 1/2" PREFINISHED WHITE TO MATCH WINDOWS EXCEPT FOR KITCHEN SINK. POCKET THAT WINDOW TO NOT INTERFERE WITH TILE.

Outside View	Line #	Qty	Description	Item Price	Ext'd Price
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10

1

Lifestyle, Double Hung, Without HGP, Brown

Location: MAIN BEDROOM

1: SizeNon-Standard Size Double Hung, Equal

Unit Type: No Program

General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: **Gray**

Exterior Color / Finish: **Standard Enduraclad, Brown**

Interior Color / Finish: **Bright White Paint Interior**

Glass: **Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude**

Hardware Options: **Cam-Action Lock, 1 Lock, White, No Limited Opening Hardware, Order Sash Lift, 1 Lift, No Integrated Sensor**

Screen: **Full Screen, Brown, InView™**

Performance Information: **U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001,**

Performance Class LC, PG 40, Calculated Positive DP Rating 40, Calculated Negative DP Rating 40, FPA FL12952, STC 27, OITC 23, Clear Opening Width 25.812, Clear Opening Height 23.875, Clear Opening Area 4.279594, Egress Does not meet typical United States egress, but may comply with local code requirements

Grille: **SDL, No Custom Grille, 7/8", Traditional (2W2H / 0W0H)**

Wrapping Information: **No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 167".**

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Outside View	Line #	Qty	Description	Item Price	Ext'd Price
	15	1	Lifestyle, Double Hung, Without HGP, Brown		
Location: MAIN BEDROOM					
1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 32.062, Clear Opening Height 23.875, Clear Opening Area 5.315835, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (2W2H / 0W0H) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 179".					

Outside View	Line #	Qty	Description	Item Price	Ext'd Price
	20	1	Lifestyle, Double Hung, Without HGP, Brown		
Location: BATHROOM					
1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 1 Lock, White, No Limited Opening Hardware, Order Sash Lift, 1 Lift, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.30, VLT 0.56, CPD PEL-N-35-00517-00001, Performance Class LC, PG 50, Calculated Positive DP Rating 50, Calculated Negative DP Rating 50, FPA FL12952, STC 27, OITC 23, Clear Opening Width 22.062, Clear Opening Height 19.875, Clear Opening Area 3.045016, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: No Grille, Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 143".					

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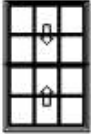
Outside View	Line #	Qty	Description	Item Price	Ext'd Price
	25	1	Lifestyle, Double Hung, Without HGP, Brown		
Location: OFFICE					
1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 32.062, Clear Opening Height 23.875, Clear Opening Area 5.315835, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (2W2H / 0W0H) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 179".					

Outside View	Line #	Qty	Description	Item Price	Ext'd Price
	30	1	Lifestyle, 2-Wide Double Hung, Without HGP, Brown		
Location: LIVING ROOM					
1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 30.062, Clear Opening Height 28.875, Clear Opening Area 6.028058, Egress Meets minimum clear opening and 5.7 sq.ft Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) 2: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 30.062, Clear Opening Height 28.875, Clear Opening Area 6.028058, Egress Meets minimum clear opening and 5.7 sq.ft Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) Vertical Mull 1: FactoryMull, Standard Joining Mullion, Mull Design Pressure- 20, Overall Thru Direction- Vertical Wrapping Information: No Attachment Method, No Head Drip Cap, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 262".					

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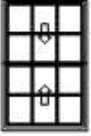
Outside View	Line #	Qty	Description	Item Price	Ext'd Price
	35	1	Lifestyle, 2-Wide Double Hung, Without HGP, Brown 1: Size Non-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Egress Meets minimum clear opening and 5.7 sq.ft Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) 2: Size Non-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Egress Meets minimum clear opening and 5.7 sq.ft Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) Vertical Mull 1: FactoryMull, Standard Joining Mullion, Mull Design Pressure- 20, Overall Thru Direction- Vertical Wrapping Information: No Attachment Method, No Head Drip Cap, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 262".		

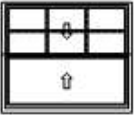
Location: LIVING ROOM

Outside View	Line #	Qty	Description	Item Price	Ext'd Price
	40	1	Lifestyle, Double Hung, Without HGP, Brown 1: Size Non-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 32.062, Clear Opening Height 23.875, Clear Opening Area 5.315835, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 179".		

Location: LIVING ROOM

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Outside View	Line #	Qty	Description	Item Price	Ext'd Price
	45	1	Lifestyle, Double Hung, Without HGP, Brown		
Location: KITCHEN					
1: Size Non-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 32.062, Clear Opening Height 23.875, Clear Opening Area 5.315835, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 179".					

Outside View	Line #	Qty	Description	Item Price	Ext'd Price
	50	1	Lifestyle, Double Hung, Without HGP, Brown		
Location: KITCHEN SINK					
1: Size Non-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 30, Calculated Positive DP Rating 30, Calculated Negative DP Rating 30, FPA FL12952, STC 27, OITC 23, Clear Opening Width 41.062, Clear Opening Height 15.375, Clear Opening Area 4.384224, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 0W0H) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 163".					

For more information regarding the finishing, maintenance, service and warranty of all Pella® products, visit the Pella® website at www.pella.com

Thank You For Your Interest In Pella® Products

PELLA WARRANTY:

Pella® products are covered by Pella's limited warranties in effect at the time of sale. All applicable product warranties are incorporated into and become a part of this contract. Please see the warranties for complete details, taking special note of the two important notice sections regarding installation of Pella® products and proper management of moisture within the wall system. Neither Pella Corporation nor the branch will be bound by any other warranty unless specifically set out in this contract. However, Pella Corporation will not be liable for branch warranties which create obligations in addition to or obligations which are inconsistent with Pella written warranties.

Clear opening (egress) information does not take into consideration the addition of a Rolscreen® [or any other accessory] to the product. You should consult your local building code to ensure your Pella® products meet local egress requirements.

Customer Signature	Pella Contractor Signature	Order Totals
Date	Date	Taxable Subtotal
		Sales Tax
		Non-taxable Subtotal
		Total

Window 1

Window 8



Window 11

Window 10



Window 9

Windows 5 and 6

Window 7



Windows 3 and 4

Window 2

Pella® Lifestyle Series



#1 performing wood window and patio door
for the combination of energy, sound and value.†

Aluminum-Clad Wood Windows & Patio Doors



Pella® Lifestyle Series

Floor-to-ceiling black casement and picture windows create a wall of glass and fill this modern home with natural light.



Beautiful Wood Designs

Pella Lifestyle Series picture windows with a white interior finish and Simulated-Divided-Light grilles complete this laundry room and office combination.



Solutions for Real Life

- Four optional performance packages
- Integrated blinds and shades for added privacy
- Backed by the best limited lifetime warranty for wood windows and patio doors¹
- Innovative Hidden Screen provides easy and convenient access to fresh air and natural light without compromising your view

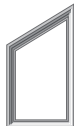


Available in these window & patio door styles:

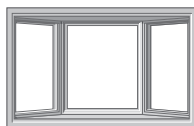
Special shapes also available.



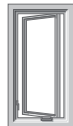
Awning Window



Angle Top Window



Bay and Bow Windows



Casement Window



Curve Top Window



Double-Hung Window³



Fixed Window



Picture Window



Sliding Patio Door



Hinged Patio Door

Designed for Real Life.

The best limited lifetime warranty.¹

Pella wood products are covered by the best limited lifetime warranty for wood windows and patio doors.

Patented triple-pane design.

Pella's patented triple-pane glass design gets you products that provide excellent energy efficiency and sound reduction.

Superior energy efficiency.

Our patented triple-pane design helps make your home more comfortable. Available performance options deliver 79% more energy efficiency than standard single-pane windows.²

¹ Based on comparing written limited warranties of leading national wood window and wood patio door brands. See Pella written Limited Warranty for details, including exceptions and limitations, at pella.com/warranty, or contact Pella Customer Service at 877-473-5527.

² Window energy efficiency calculated in a computer simulation using RESFEN 6.0 default parameters for a 2000 sq. ft. new construction single-story home when Pella Lifestyle Series windows with the respective performance package are compared to a single-pane wood or vinyl window. Double-hung windows are not available with triple-pane glass. The energy efficiency and actual savings will vary by location. The average window energy efficiency is based on a national average of 94 modeled cities across the country and weighting based on population. For more details see pella.com/methodology.

³ Reduction in sound based on OITC ratings of Pella Lifestyle Series windows with respective performance package compared to a single-pane wood or vinyl window with an OITC of 19. Calculated by using the sound transmission loss values in the 80 to 4000 Hz range as measured in accordance with ASTM E-90(09). Actual results may vary.

⁴ Available on triple-pane products only.



Durable Hidden Screen

Black Pella Lifestyle Series double-hung windows with the Hidden Screen allow convenient access to fresh air without compromising the view.



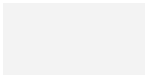
Colors & Finishes

Wood Type Wood species for complementing your home's interior.

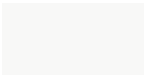


Pine

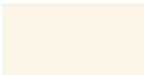
Prefinished Pine Interior Colors We can prefinish in a wide variety of colors. Unfinished or primed and ready-to-paint are also available.



White



Bright White



Linen White



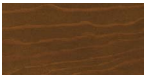
Natural



Golden Oak



Early American

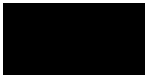


Provincial

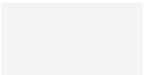


Black

Aluminum-Clad Exterior Colors Our low-maintenance EnduraClad® exterior finish resists fading and helps protect your windows and patio doors for years.



Black



White



Brown



Fossil



Iron Ore



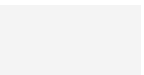
Portobello



Putty



Almond



Classic White



Brick Red



Hartford Green



Wolf Gray

Glass¹

InsulShield® Low-E Glass



Advanced Low-E insulating dual- and triple-pane glass with argon²



AdvancedComfort Low-E insulating dual- and triple-pane glass with argon²



NaturalSun Low-E insulating dual- and triple-pane glass with argon²



NaturalSun+ Low-E insulating dual- or triple-pane glass with argon



SunDefense™ Low-E insulating dual- and triple-pane glass with argon



SunDefense+ Low-E insulating dual- or triple-pane glass with argon

Additional Glass Options



Tempered glass available on dual- and triple-pane products



Obscure and frosted obscure glass available on dual- and triple-pane products

¹ Double-hung window available with dual-pane glass only.
² Optional high-altitude Low-E insulating glass does not contain argon in most products. Please see your local Pella sales representative for more information.

Grilles

Grille Types

Choose the look of true divided light or make cleaning easier with grilles-between-the-glass.

Dual-Pane:



Simulated-Divided-Light with Spacer 7/8"

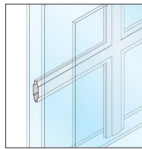


Simulated-Divided-Light without Spacer 7/8"



Aluminum Grilles-Between-the-Glass 3/4"

Triple-Pane:



Aluminum Grilles-Between-the-Glass 3/4"

Grille Patterns

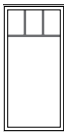
In addition to the patterns shown here, custom grille patterns are available.



Traditional



9-Lite Prairie



Top Row



Cross



Custom

Screens²

Hidden Screen

The exclusive, easy-to-use Hidden Screen appears when you open a double-hung window and folds away when the window is closed. It allows 44% more natural light into your home when a window is closed than a standard screen.³

Rolscreen®

Rolscreen soft-closing retractable screens roll out of sight when not in use. Available on casement windows.

TuffScreen® by Phifer

Keep bugs out and enjoy more fresh air with one of the most durable screen options on the market. The heavy-duty vinyl-coated screen is tear, puncture and damage resistant, standing up to pets, children and harsh weather. The TuffScreen by Phifer is 2.5x stronger than a standard screen.⁴ Available on sliding patio door only.

Flat

InView™ screens are clearer than conventional screens and come standard.



InView™

¹ Appearance of exterior grille color may vary depending on the Low-E insulating glass selection.
² Warning: Screen will not stop child or pet from falling out of window or door. Keep child or pet away from open window or door.
³ Based on calculated screen cloth openness.
⁴ Based on the composite results of a 5-panel strength analysis comparing TuffScreen and standard screening. All trademarks are property of their respective owners.



THE CONFIDENCE OF A STRONG WARRANTY.

Pella® Lifestyle Series products are backed by the best limited lifetime warranty for wood windows and patio doors.* See written limited warranty for details, including exceptions and limitations, at pella.com/warranty.

NOTE: Product specifications may change without notice.

Actual colors may vary from those shown and products may vary slightly from illustrations and photos.

WANT TO LEARN MORE? CALL US AT 833-44-PELLA OR VISIT PELLA.COM

*Based on comparing written limited warranties of leading national wood window and wood patio door brands. See Pella written Limited Warranty for details, including exceptions and limitations, at pella.com/warranty, or contact Pella Customer Service at 877-473-5527.



Window Number	Window Location	Description of work to be done	Window Photos
1	(West Facing) Bedroom	Lifestyle, Double Hung, Without HGP, Brown 1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 32.062, Clear Opening Height 23.875, Clear Opening Area 5.315835, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (2W2H / 0WOH) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 179".	https://drive.google.com/drive/folders/160IUy-zuEgph0ytsM5STLsTz1iHJMCj?usp=share_link
2	(North Facing) Bedroom	Lifestyle, Double Hung, Without HGP, Brown 1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 1 Lock, White, No Limited Opening Hardware, Order Sash Lift, 1 Lift, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 40, Calculated Positive DP Rating 40, Calculated Negative DP Rating 40, FPA FL12952, STC 27, OITC 23, Clear Opening Width 25.812, Clear Opening Height 23.875, Clear Opening Area 4.279594, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (2W2H / 0WOH) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 167".	https://drive.google.com/drive/folders/1xcDkGGXevTlvU66wDgYnVB9Uij5i2?usp=share_link
3 and 4	(North Facing) (2 wide double hung) Living Room	Lifestyle, 2-Wide Double Hung, Without HGP, Brown 1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 30.062, Clear Opening Height 28.875, Clear Opening Area 6.028058, Egress Meets minimum clear opening and 5.7 sq.ft Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) 2: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 30.062, Clear Opening Height 28.875, Clear Opening Area 6.028058, Egress Meets minimum clear opening and 5.7 sq.ft Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) Vertical Mull 1: FactoryMull, Standard Joining Mullion, Mull Design Pressure- 20, Overall Thru Direction- Vertical Wrapping Information: No Attachment Method, No Head Drip Cap, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 262".	https://drive.google.com/drive/folders/1msdZ7RuClBzdIKSeXRvVIAa5cggpphGw?usp=share_link

5 and 6	(East Facing) (2 wide double hung) Living Room	Lifestyle, 2-Wide Double Hung, Without HGP, Brown 1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 30.062, Clear Opening Height 28.875, Clear Opening Area 6.028058, Egress Meets minimum clear opening and 5.7 sq.ft Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) 2: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 30.062, Clear Opening Height 28.875, Clear Opening Area 6.028058, Egress Meets minimum clear opening and 5.7 sq.ft Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) Vertical Mull 1: FactoryMull, Standard Joining Mullion, Mull Design Pressure- 20, Overall Thru Direction- Vertical Wrapping Information: No Attachment Method, No Head Drip Cap, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 262".	https://drive.google.com/drive/folders/1p8Az0TbDXqnmXV7L1WlJAQudIB2RcQR?usp=share_link
7	(East Facing) Living Room	Lifestyle, Double Hung, Without HGP, Brown 1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 32.062, Clear Opening Height 23.875, Clear Opening Area 5.315835, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 179".	https://drive.google.com/drive/folders/1n63e3P1lq-nL_43N4EDzjvTgN6izKR12usp=share_link
8	(West Facing) Bathroom	Lifestyle, Double Hung, Without HGP, Brown 1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Tempered Obscure Low-E Obscure Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 1 Lock, White, No Limited Opening Hardware, Order Sash Lift, 1 Lift, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.30, VLT 0.56, CPD PEL-N-35-00517-00001, Performance Class LC, PG 50, Calculated Positive DP Rating 50, Calculated Negative DP Rating 50, FPA FL12952, STC 27, OITC 23, Clear Opening Width 22.062, Clear Opening Height 19.875, Clear Opening Area 3.045016, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: No Grille, Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 143".	https://drive.google.com/drive/folders/1tsT6EgUhhW1eVWdJGIAskH2Cv2PicU3?usp=share_link
9	(East Facing) Kitchen	Lifestyle, Double Hung, Without HGP, Brown 1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 32.062, Clear Opening Height 23.875, Clear Opening Area 5.315835, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 3W2H) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 179".	https://drive.google.com/drive/folders/1n5svCKueKGYK20NVfHBfnR_lvedyIHf?usp=sharing

10	(South Facing) Kitchen	Lifestyle, Double Hung, Without HGP, Brown 1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 30, Calculated Positive DP Rating 30, Calculated Negative DP Rating 30, FPA FL12952, STC 27, OITC 23, Clear Opening Width 41.062, Clear Opening Height 15.375, Clear Opening Area 4.384224, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (3W2H / 0WOH) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 163".	https://drive.google.com/drive/folders/1gxPkUpDpRuRF3momUI_yHeelm6KbTJH?usp=sharing
11	(West Facing) Bedroom 2	Lifestyle, Double Hung, Without HGP, Brown 1: SizeNon-Standard Size Double Hung, Equal Unit Type: No Program General Information: No Package, Without Hinged Glass Panel, Clad, Pine, 5", 3 11/16", No Certification, Jambliner Color: Gray Exterior Color / Finish: Standard Enduraclad, Brown Interior Color / Finish: Bright White Paint Interior Glass: Insulated Low-E Advanced Low-E Insulating Glass Argon Non High Altitude Hardware Options: Cam-Action Lock, 2 Locks, White, No Limited Opening Hardware, Order Sash Lift, 2 Lifts, No Integrated Sensor Screen: Full Screen, Brown, InView™ Performance Information: U-Factor 0.30, SHGC 0.27, VLT 0.50, CPD PEL-N-35-00516-00001, Performance Class LC, PG 35, Calculated Positive DP Rating 35, Calculated Negative DP Rating 35, FPA FL12952, STC 27, OITC 23, Clear Opening Width 32.062, Clear Opening Height 23.875, Clear Opening Area 5.315835, Egress Does not meet typical United States egress, but may comply with local code requirements Grille: SDL, No Custom Grille, 7/8", Traditional (2W2H / 0WOH) Wrapping Information: No Attachment Method, No Exterior Trim, 4 9/16", 5 7/8", Standard Four Sided Jamb Extension, Factory Applied, Manufacturer Recommended Clearance, Perimeter Length = 179".	https://drive.google.com/drive/folders/1sshNnfoag3B9WdlhrQzhf-v5Z9m4VIYC?usp=sharing