

HISTORIC AND DESIGN REVIEW COMMISSION

June 17, 2020

HDRC CASE NO: 2020-222
ADDRESS: 220 LEIGH ST
LEGAL DESCRIPTION: NCB 723 BLK 5 LOT 10
ZONING: R-6,H
CITY COUNCIL DIST.: 1
DISTRICT: Lavaca Historic District
APPLICANT: Shawn Middleman/DC Restoration
OWNER: GLATTER MICHAEL R
TYPE OF WORK: Window replacement
APPLICATION RECEIVED: May 06, 2020
60-DAY REVIEW: Not applicable due to City Council Emergency Orders
CASE MANAGER: Stephanie Phillips

REQUEST:

The applicant is requesting a Certificate of Appropriateness to replace two non-original windows on the front façade. The applicant has proposed to install one over one wood windows to match the size of the existing non-original window opening.

APPLICABLE CITATIONS:

Historic Design Guidelines, Chapter 2, Exterior Maintenance and Alterations

6. Architectural Features: Doors, Windows, and Screens

A. MAINTENANCE (PRESERVATION)

- i. *Openings*—Preserve existing window and door openings. Avoid enlarging or diminishing to fit stock sizes or air conditioning units. Avoid filling in historic door or window openings. Avoid creating new primary entrances or window openings on the primary façade or where visible from the public right-of-way.
- ii. *Doors*—Preserve historic doors including hardware, fanlights, sidelights, pilasters, and entablatures.
- iii. *Windows*—Preserve historic windows. When glass is broken, the color and clarity of replacement glass should match the original historic glass.
- iv. *Screens and shutters*—Preserve historic window screens and shutters.
- v. *Storm windows*—Install full-view storm windows on the interior of windows for improved energy efficiency. Storm window may be installed on the exterior so long as the visual impact is minimal and original architectural details are not obscured.

B. ALTERATIONS (REHABILITATION, RESTORATION, AND RECONSTRUCTION)

- i. *Doors*—Replace doors, hardware, fanlight, sidelights, pilasters, and entablatures in-kind when possible and when deteriorated beyond repair. When in-kind replacement is not feasible, ensure features match the size, material, and profile of the historic element.
- ii. *New entrances*—Ensure that new entrances, when necessary to comply with other regulations, are compatible in size, scale, shape, proportion, material, and massing with historic entrances.
- iii. *Glazed area*—Avoid installing interior floors or suspended ceilings that block the glazed area of historic windows.
- iv. *Window design*—Install new windows to match the historic or existing windows in terms of size, type, configuration, material, form, appearance, and detail when original windows are deteriorated beyond repair.
- v. *Muntins*—Use the exterior muntin pattern, profile, and size appropriate for the historic building when replacement windows are necessary. Do not use internal muntins sandwiched between layers of glass.
- vi. *Replacement glass*—Use clear glass when replacement glass is necessary. Do not use tinted glass, reflective glass, opaque glass, and other non-traditional glass types unless it was used historically. When established by the architectural style of the building, patterned, leaded, or colored glass can be used.
- vii. *Non-historic windows*—Replace non-historic incompatible windows with windows that are typical of the architectural style of the building.

- viii. *Security bars*—Install security bars only on the interior of windows and doors.
- ix. *Screens*—Utilize wood screen window frames matching in profile, size, and design of those historically found when the existing screens are deteriorated beyond repair. Ensure that the tint of replacement screens closely matches the original screens or those used historically.
- x. *Shutters*—Incorporate shutters only where they existed historically and where appropriate to the architectural style of the house. Shutters should match the height and width of the opening and be mounted to be operational or appear to be operational. Do not mount shutters directly onto any historic wall material.

FINDINGS:

- a. The primary structure located at 220 Leigh is a 1-story single family structure constructed circa 1920 in the Craftsman Cottage style with Queen Anne influences. The structure has been modified over the years to include cement shingle siding and non-original front windows. The structure is contributing to the Lavaca Historic District.
- b. WINDOW REPLACEMENT – The applicant has proposed to replace the non-original windows on the front façade. The current windows are steel with a non-consistent inset, proportion, and configuration. The openings that house the windows are not original and are not proportionate for the style of the home. The applicant has proposed to replace these windows with new one over one wood windows that are consistent with staff's standard replacement stipulations. The applicant has proposed to install these windows within the existing openings. According to the Historic Design Guidelines, new windows should be installed to match the historic or existing windows in terms of size, type, configuration, material, form, appearance, and detail when original windows are deteriorated beyond repair or missing. Non-historic incompatible windows should be replaced with windows that are typical of the architectural style of the building. While staff finds the new windows to be consistent in material and configuration, staff finds that the applicant should modify the existing openings to be more consistent with the historic style of the home in lieu of fitting new windows within the non-compatible openings. Staff finds that two sets of paired windows with a taller height, similar to the existing wood windows on the west elevation, would be most appropriate.

RECOMMENDATION:

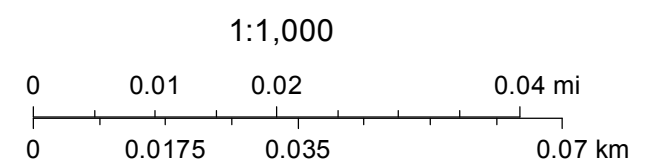
Staff recommends approval of the proposed window replacement based on finding b with the following stipulations:

- I. That the applicant modifies the existing non-compatible openings to be more consistent with the sizes and proportions of the historic style of the home. Staff recommends that the openings match the original sizes found on the structure or those found on intact structures on the block. Staff finds that two sets of paired windows with a taller height, similar to the existing wood windows on the west elevation, would be most appropriate. The applicant is required to submit an updated elevation to staff for review and approval prior to the issuance of a Certificate of Appropriateness.
- II. That the applicant submits a final window specification for the windows prior to the issuance of a Certificate of Appropriateness. Staff finds fully wood windows to be appropriate. Meeting rails must be no taller than 1.25" and stiles no wider than 2.25". White manufacturer's color is not allowed, and color selection must be presented to staff. There should be a minimum of two inches in depth between the front face of the window trim and the front face of the top window sash. This must be accomplished by recessing the window sufficiently within the opening or with the installation of additional window trim to add thickness. Window trim must feature traditional dimensions and architecturally appropriate sill detail. Window track components must be painted to match the window trim or concealed by a wood window screen set within the opening.

City of San Antonio One Stop



June 12, 2020







220













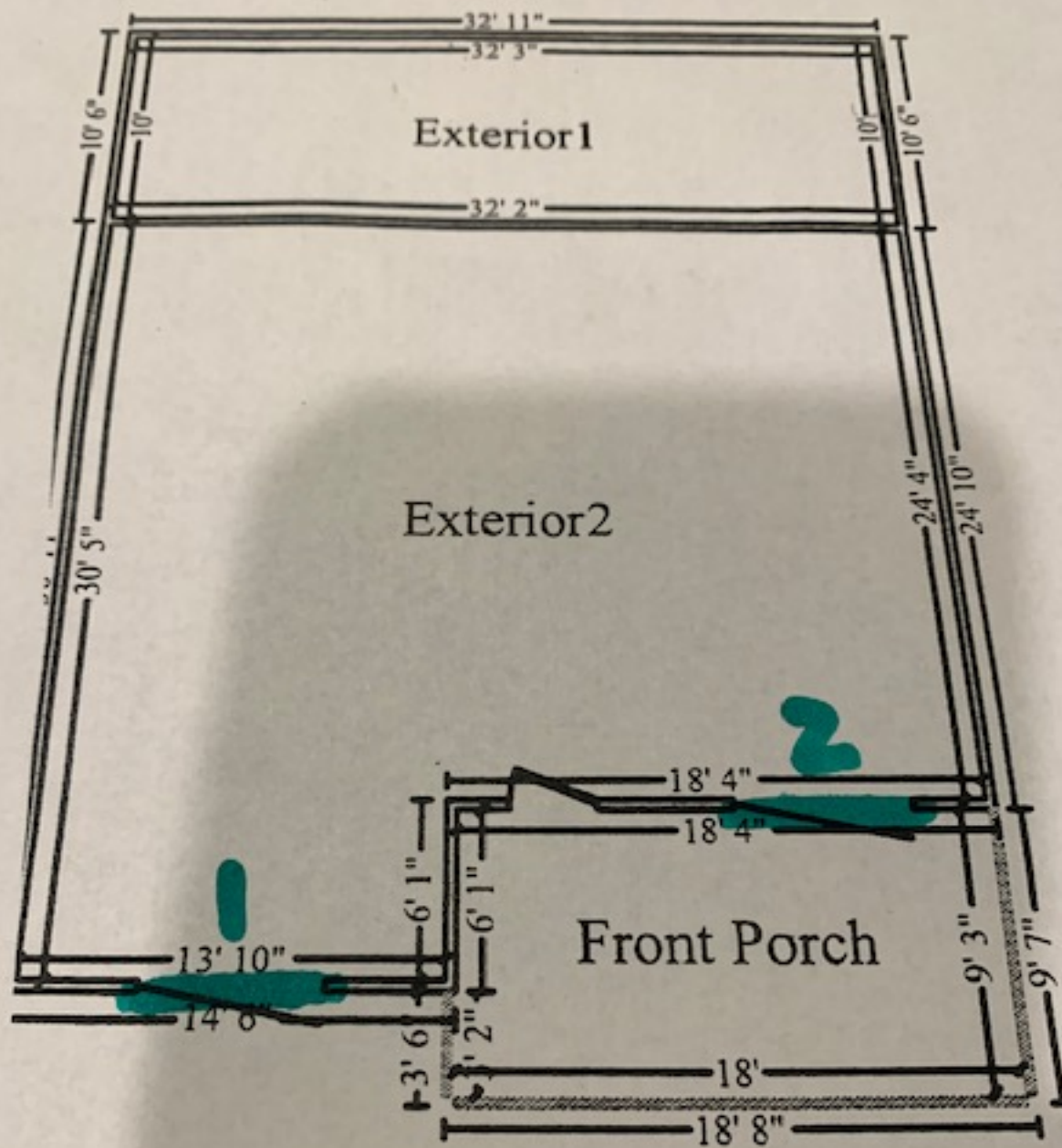




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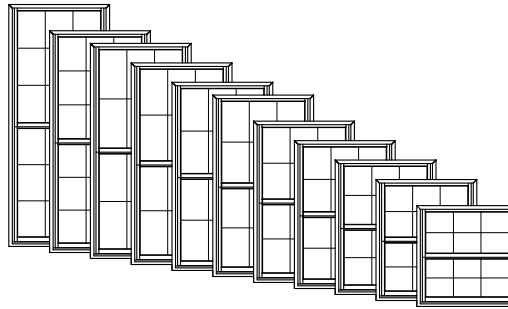
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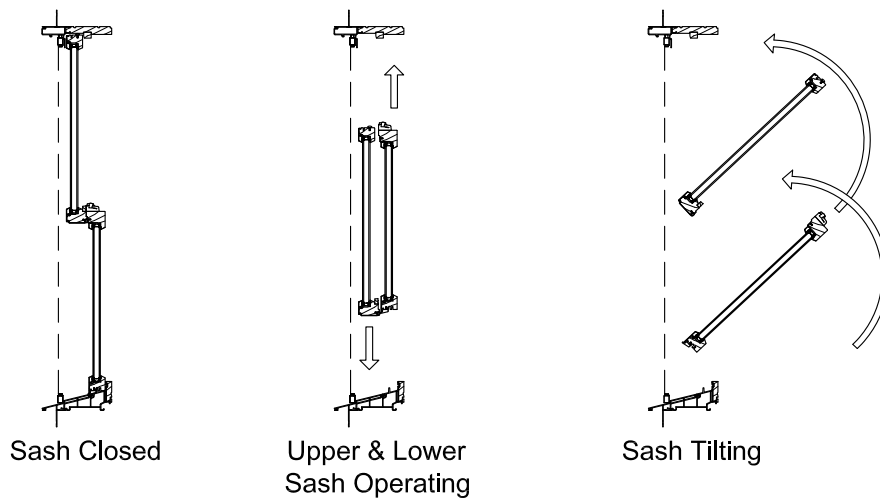


GENERAL INFORMATION



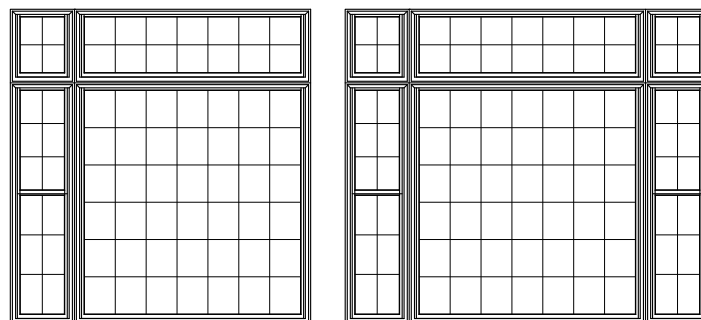
Dimensional Windows

W-2500 Clad-Wood Double-Hung windows may be specified as "dimensional" by adjusting the desired rough opening width or height. W-2500 Clad-Wood Double-Hung windows feature fully operating upper and lower sash which can be tilted or removed for easy cleaning.



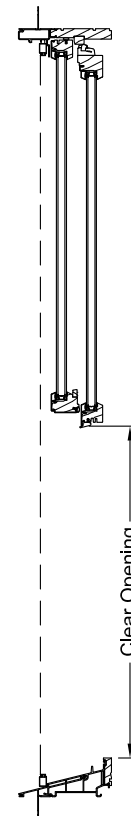
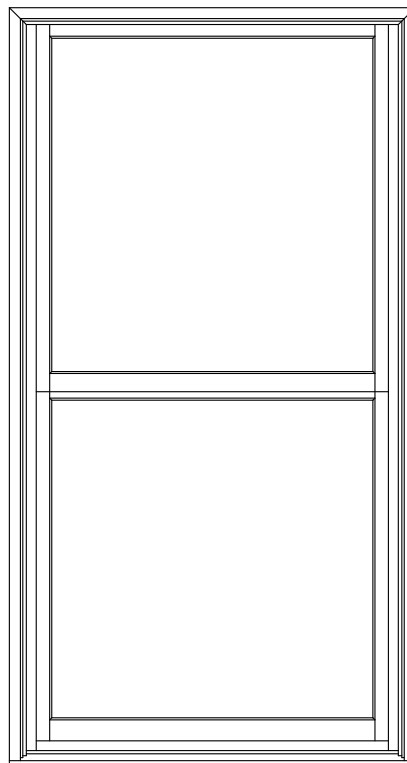
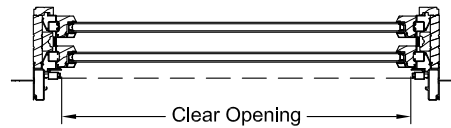
Multiple Assemblies

W-2500 Clad-Wood Double-Hung windows may be mullied beside other clad-wood double-hung or clad-wood picture windows, or below clad transom windows, to fulfill a wide variety of needs.





CLEAR OPENING FORMULAS



Double-Hung (Even Divide)

Vertical = $(\text{Frame Height} / 2) - 3 \frac{5}{8}"$

Horizontal = $\text{Frame Width} - 3 \frac{9}{16}"$

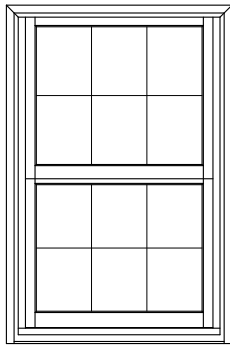


LITE CUT INFORMATION

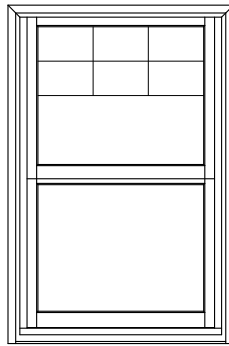
Lite Cut Options

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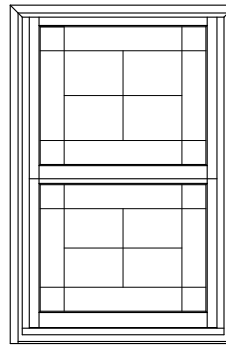
Special lite cut patterns can include a wide variety of straight line and radius patterns. Non-standard patterns are subject to factory approval.



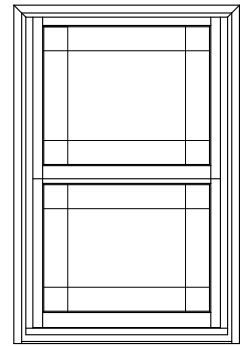
Colonial



Colonial from
Top Down



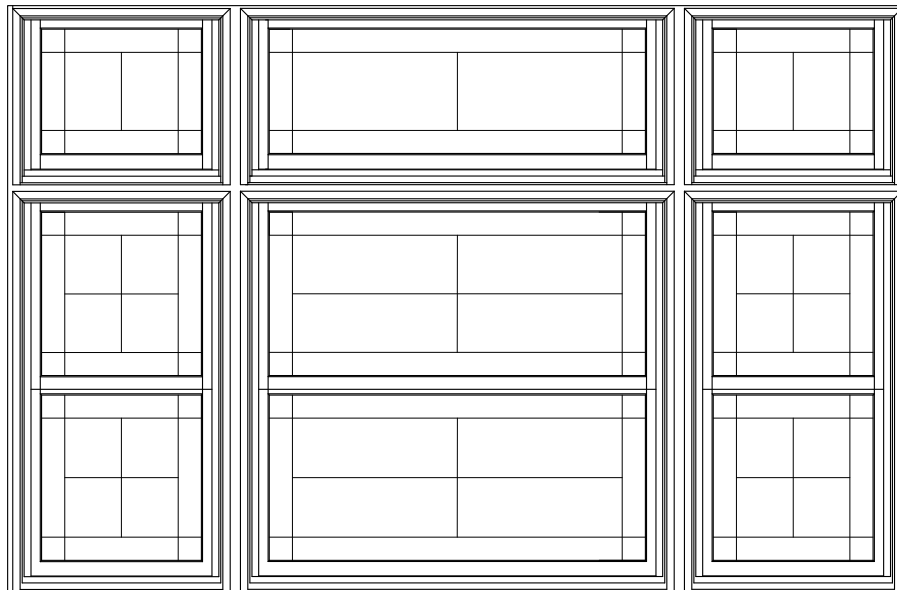
Uneven



Prairie

Bar Alignment

Alignment of divided lite muntin bars from one window to the next is often required by fine architectural design. Wood grilles, GBG, and SDL's may be specified with muntin bars aligned.

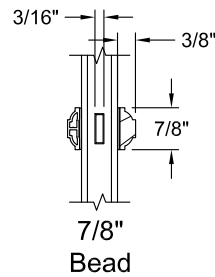




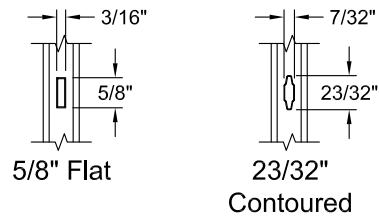
GRID OPTIONS

Exterior ← → Interior

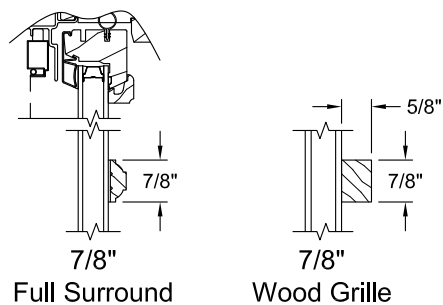
SDL Option



GBG Options



Grille Options





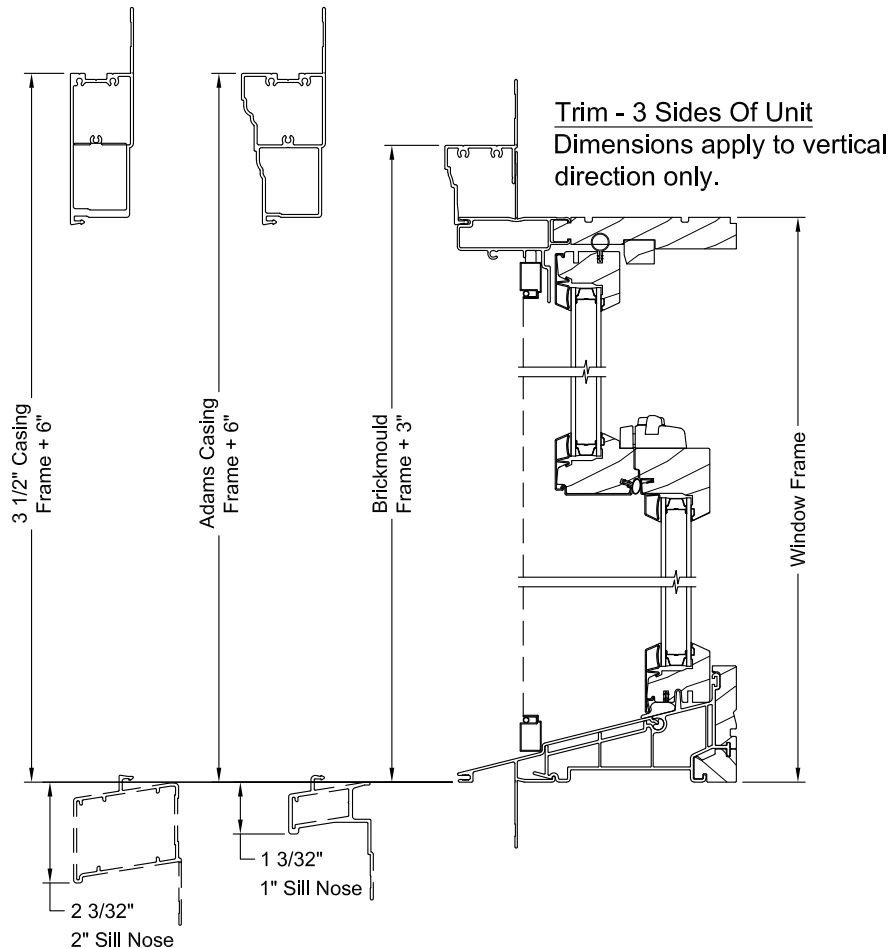
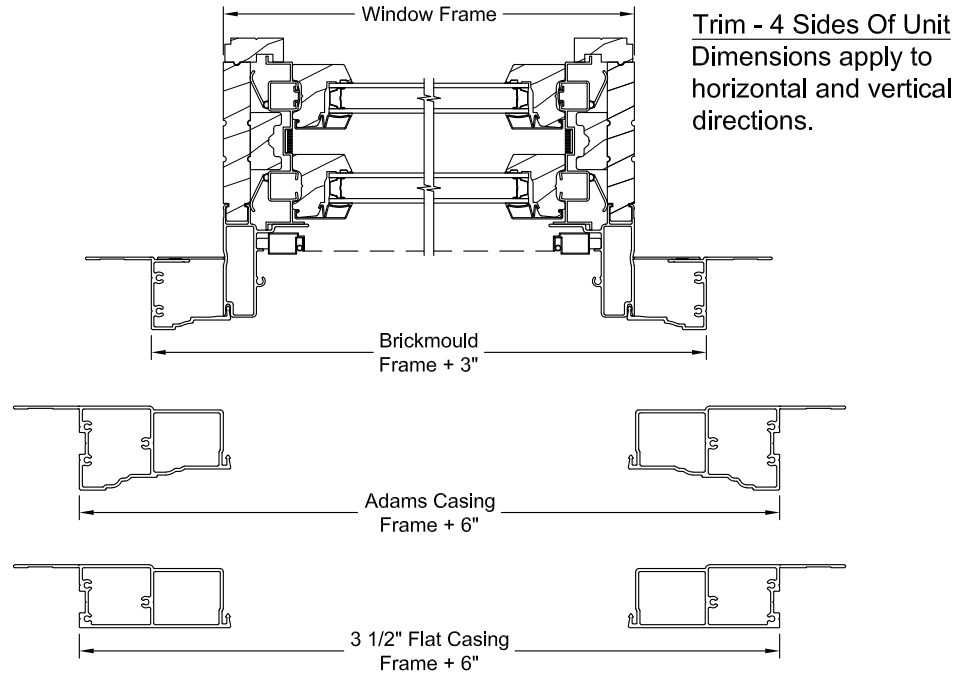
UNIT SIZING

Rough Opening

The frame size of the window plus 3/4"

Masonry Opening

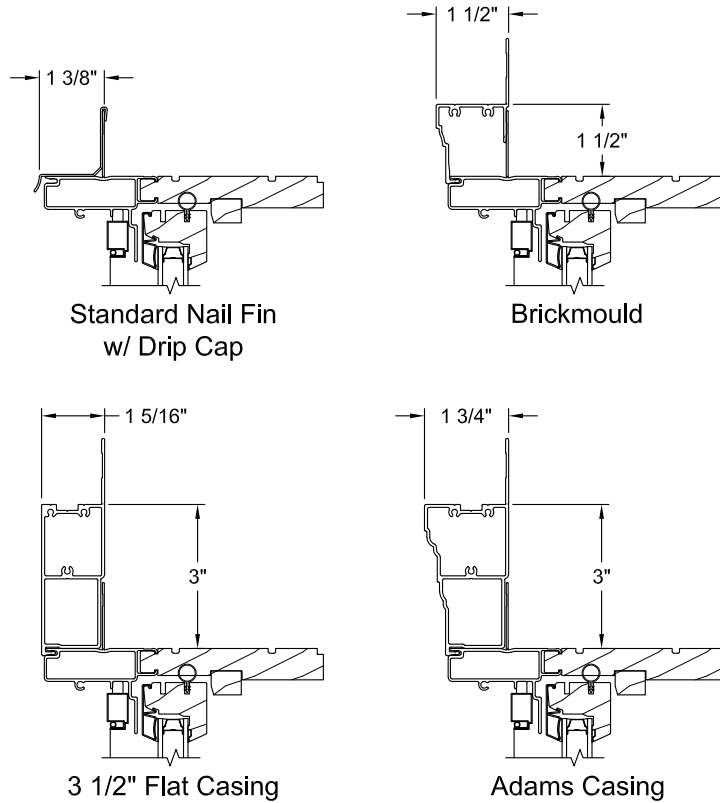
The overall size of the window, including trim, plus 1/2"



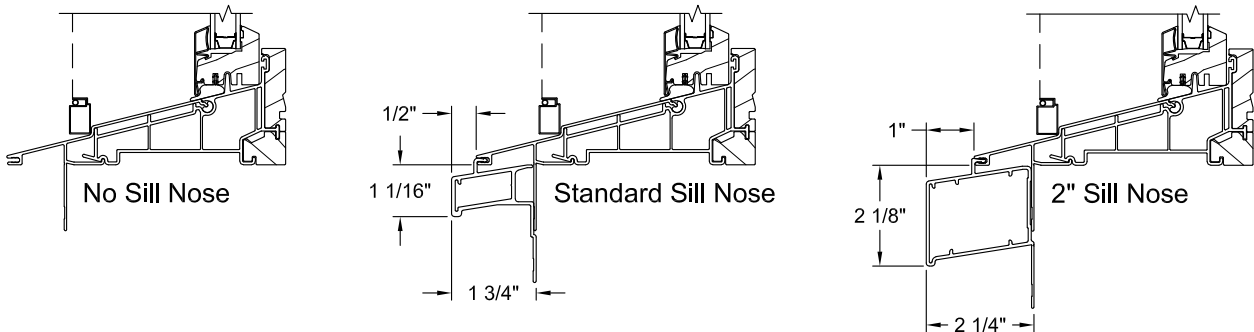


TRIM & SILL OPTIONS

Trim Options

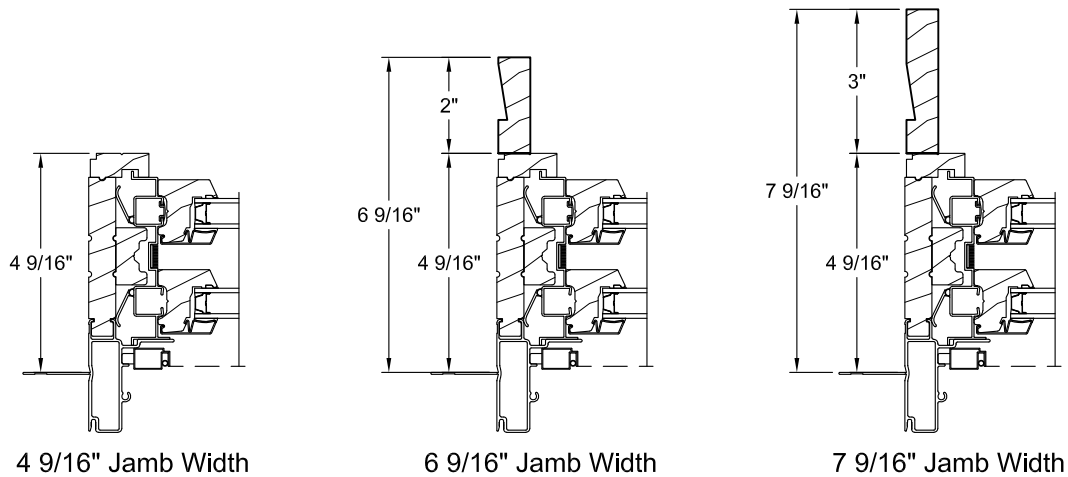


Sill Options



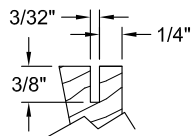


JAMB EXTENDER & PREP FOR STOOL OPTIONS



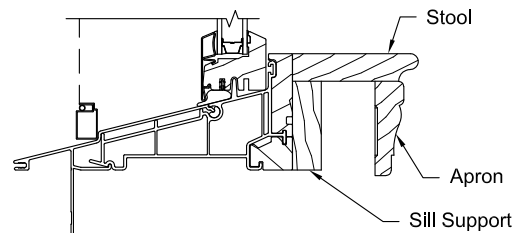
Return Kerf:

Generally located from first visible interior frame line. Kerfed option available on all jamb extender sizes.



4/4 Jamb Typ.

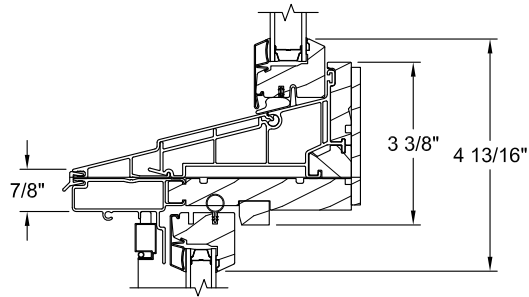
Prep for Stool



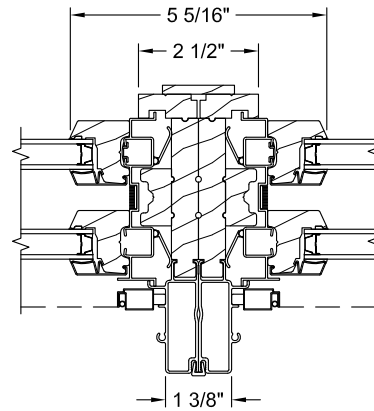
Note: Stool, apron, and sill support are applied by trim carpenter after window is installed and are not provided by JELD-WEN. Unit is shipped without sill jamb extenders.



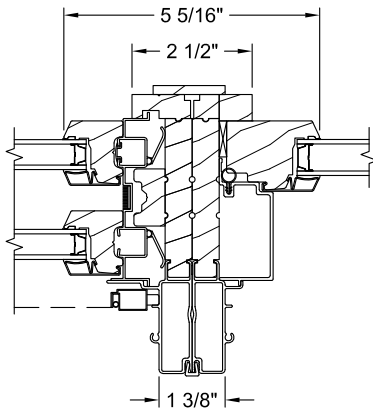
MULLION OPTIONS



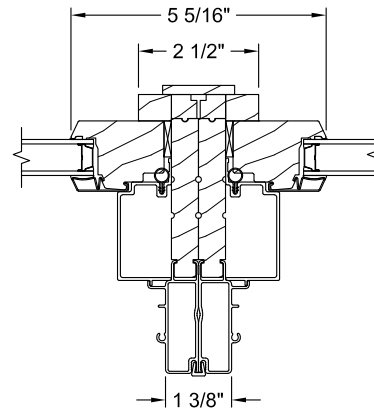
Geometric Insash Transom
Operator



Operator / Operator



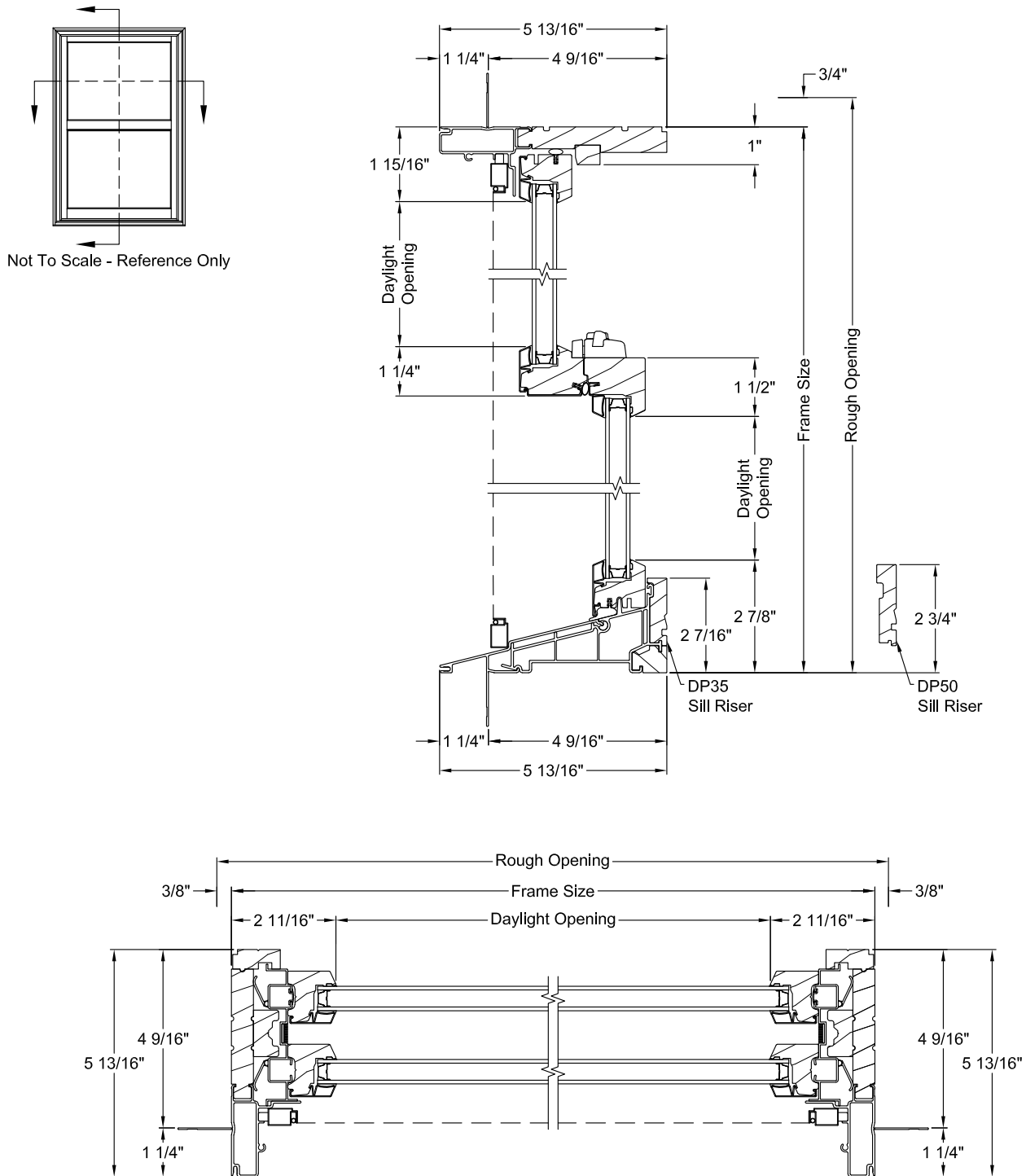
Operator / Geometric Insash



Geometric Insash / Geometric Insash

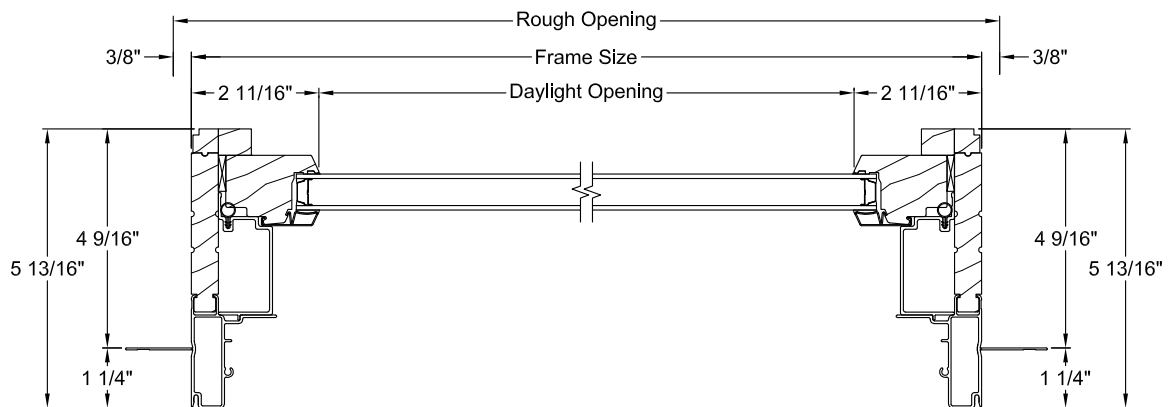
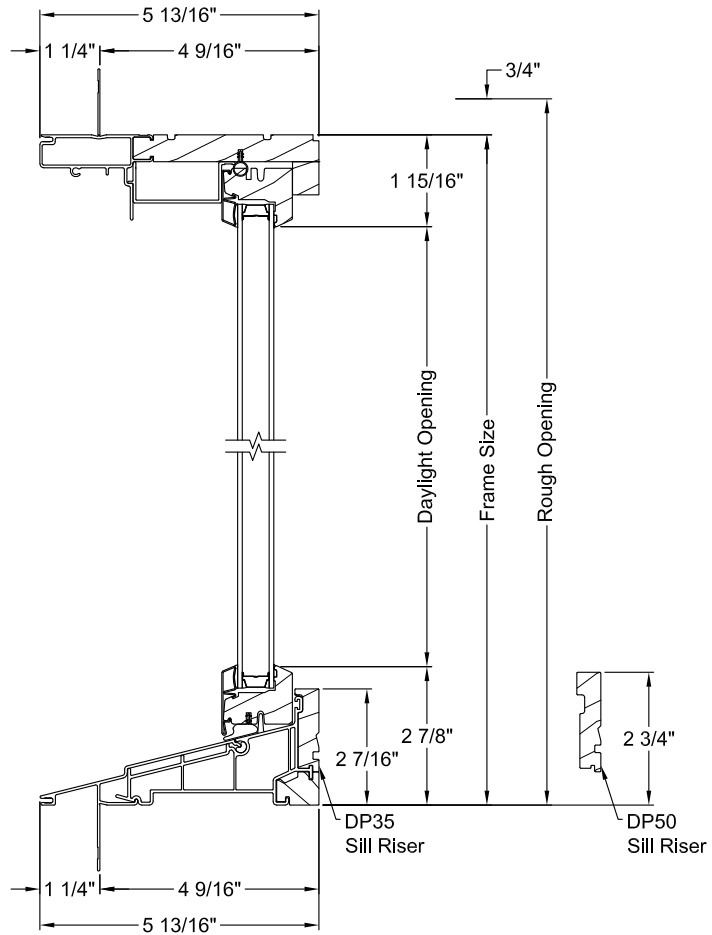
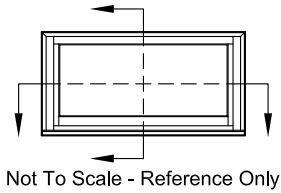


OPERATOR SECTIONS



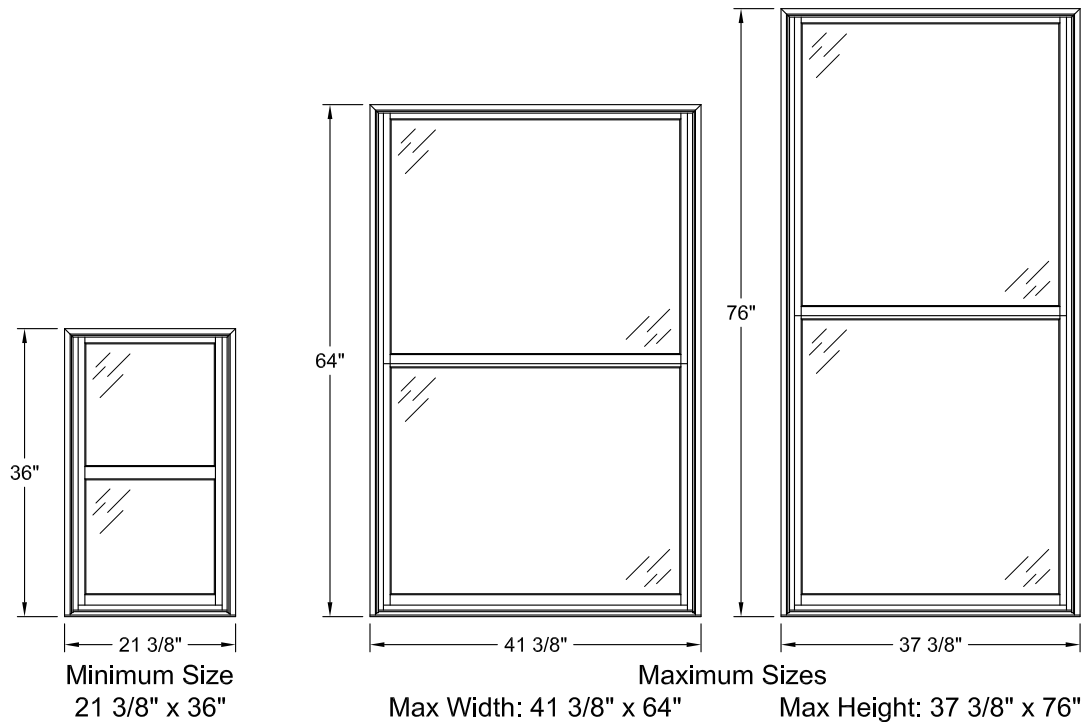


GEOMETRIC INSASH TRANSOM SECTIONS



MIN-MAX SIZING

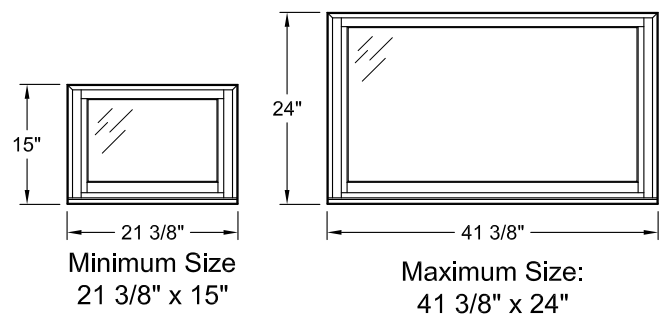
Operator Sizing



Window Width			
21 3/8"	25 3/8"	29 3/8"	33 3/8"
37 3/8"	41 3/8"		
Window Height			
36"	40"	48"	52"
56"	60"	64"	68"
72"	76"		

Window Width - Nominal			
19 1/4"	23 1/4"	27 1/4"	31 1/4"
35 1/4"			
Window Height - Nominal			
35 1/4"	41 1/4"	47 1/4"	53 1/4"
59 1/4"	65 1/4"	71 1/4"	

Transom Sizing



Transom Width			
21 3/8"	25 3/8"	29 3/8"	33 3/8"
37 3/8"	41 3/8"		
Transom Height			
15"	24"		

Transom Width - Nominal			
19 1/4"	23 1/4"	27 1/4"	31 1/4"
35 1/4"			
Transom Height - Nominal			
17 1/4"			



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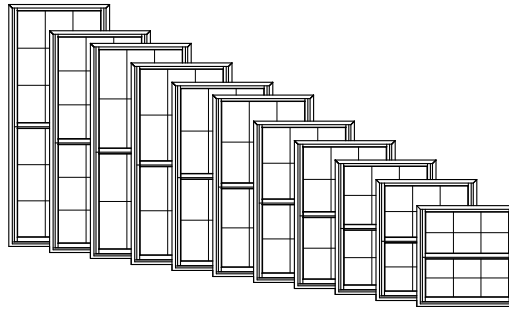
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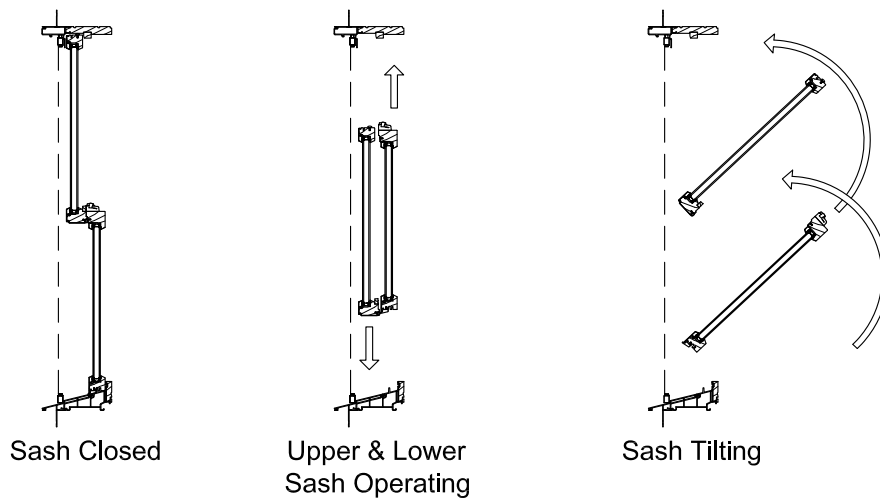


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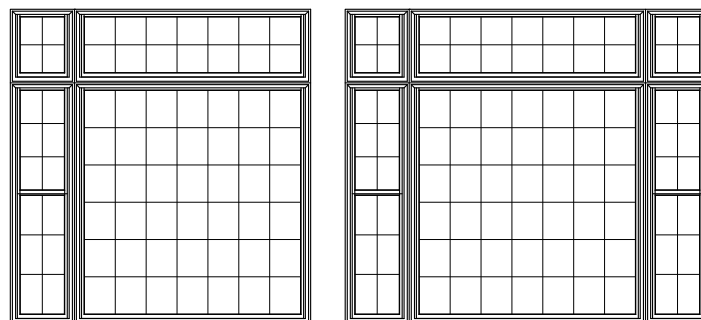
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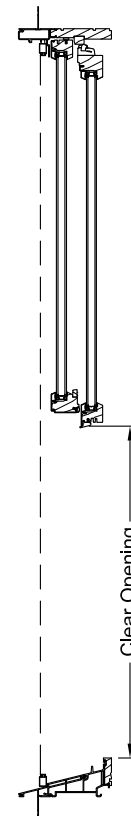
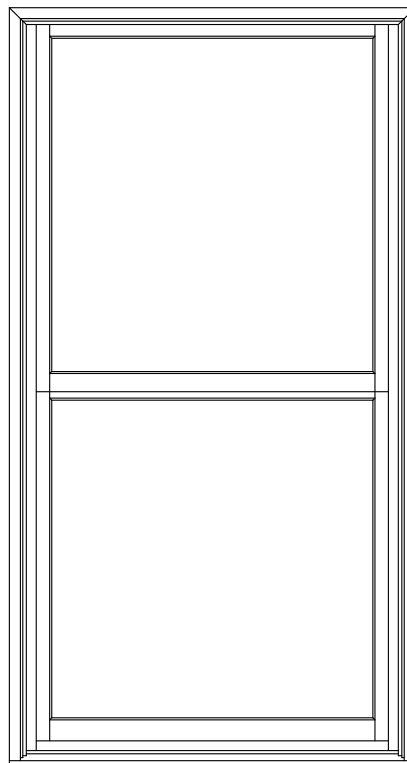
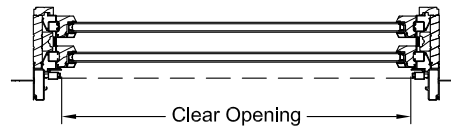
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CLEAR OPENING FORMULAS



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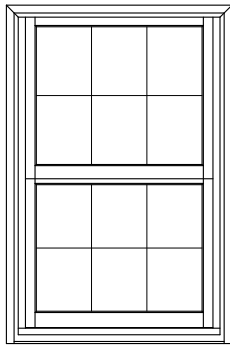


LITE CUT INFORMATION

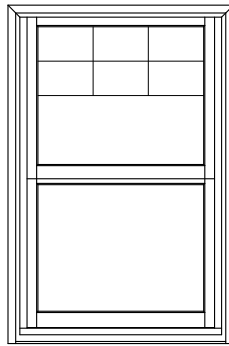
Lite Cut Options

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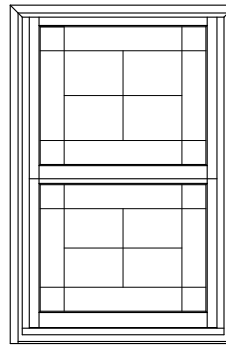
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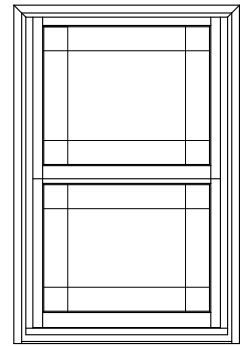
Colonial



Colonial from
Top Down



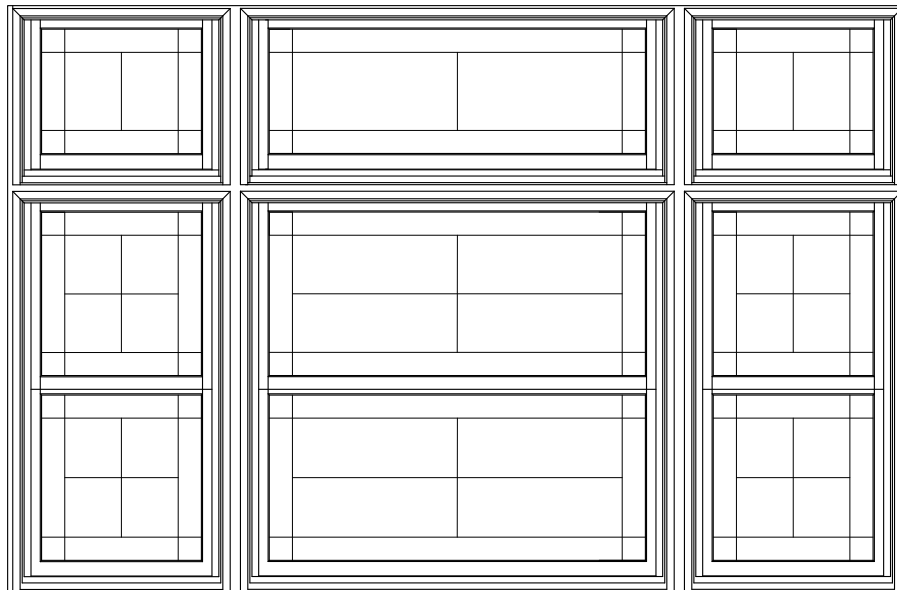
Uneven



Prairie

Bar Alignment

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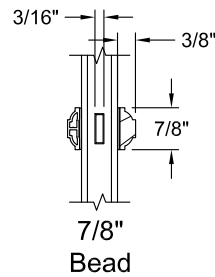




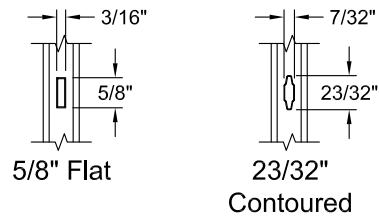
GRID OPTIONS

Exterior ← → Interior

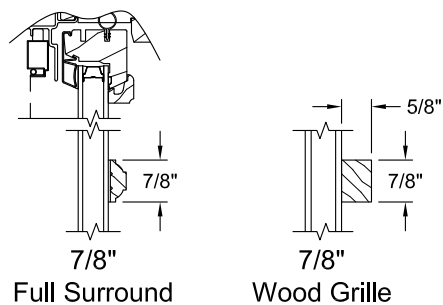
SDL Option



GBG Options



Grille Options





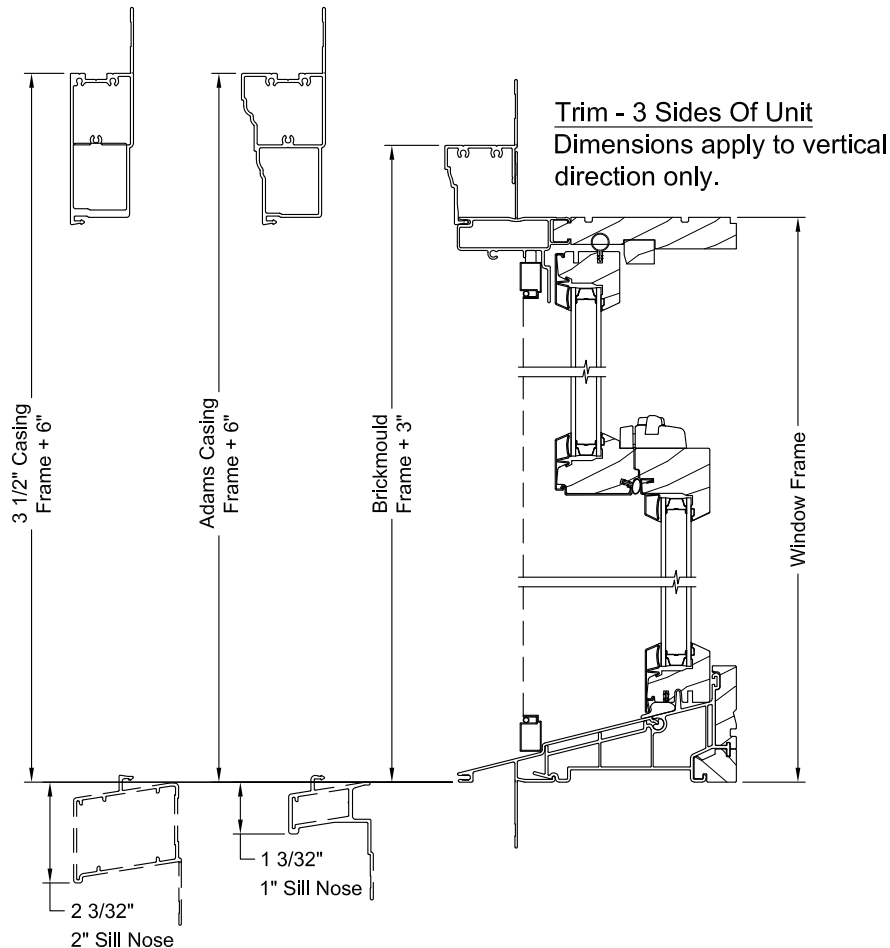
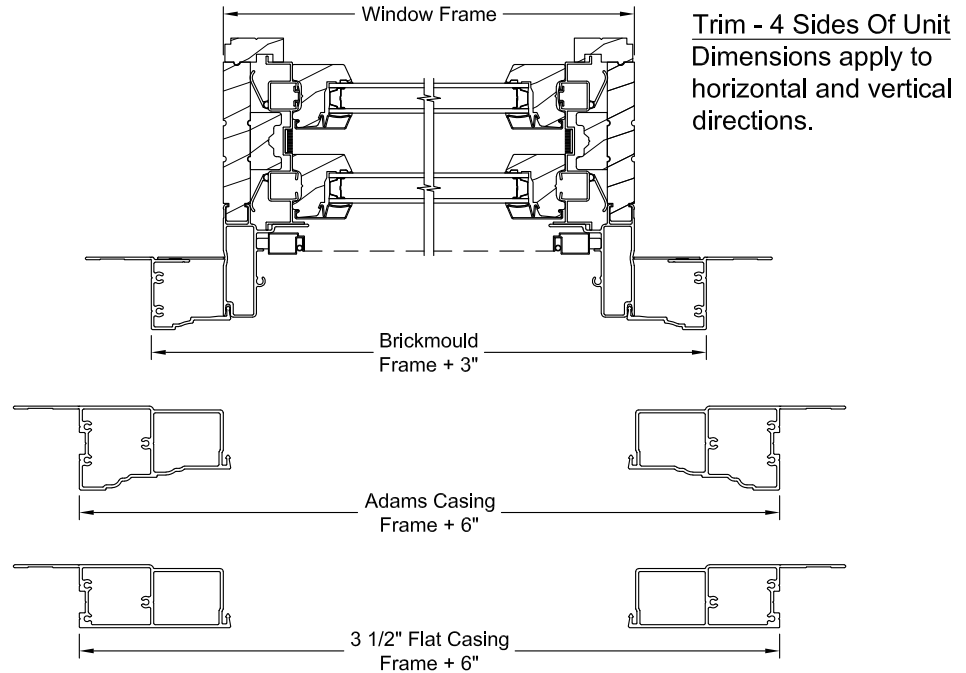
UNIT SIZING

Rough Opening

The frame size of the window plus 3/4"

Masonry Opening

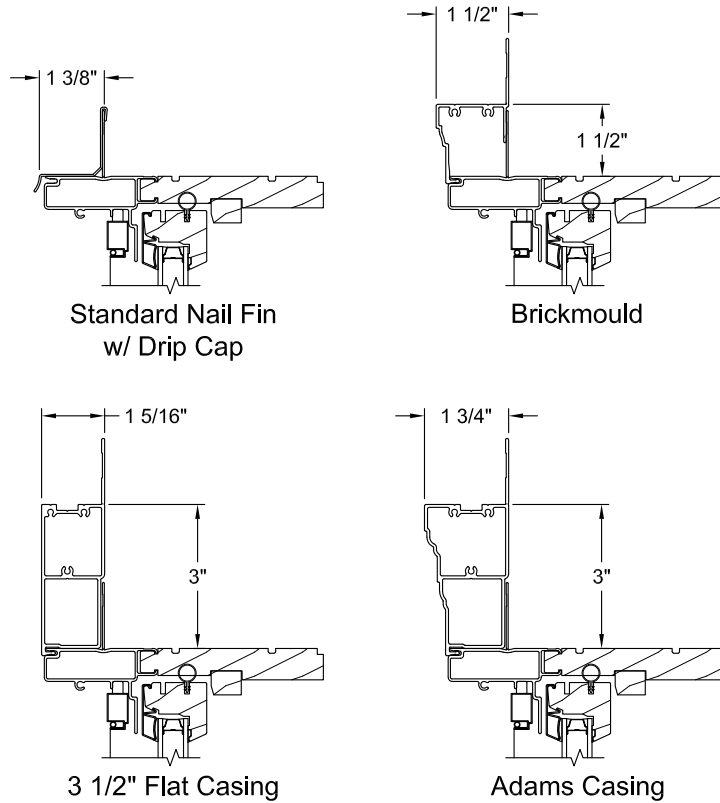
The overall size of the window, including trim, plus 1/2"



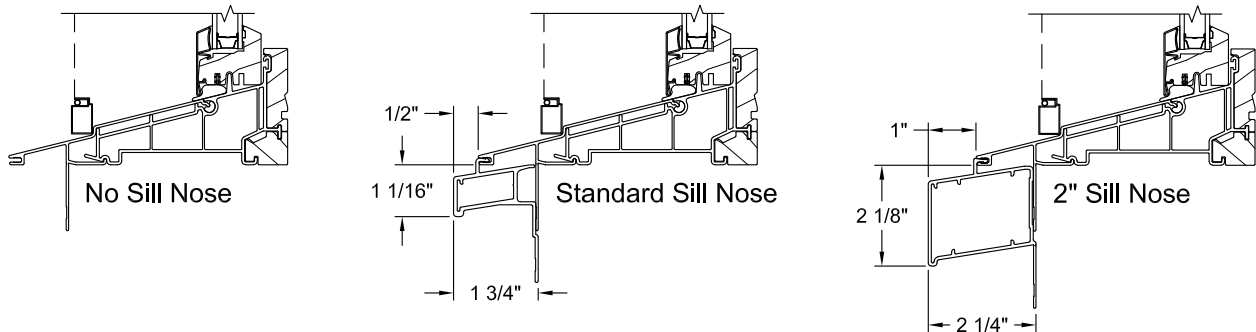


TRIM & SILL OPTIONS

Trim Options

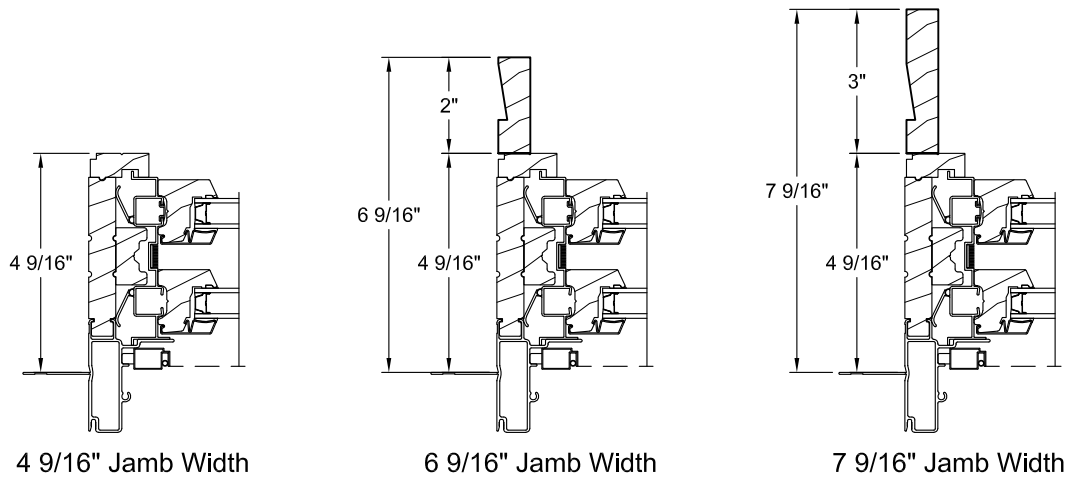


Sill Options



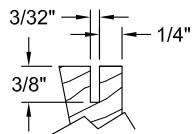


JAMB EXTENDER & PREP FOR STOOL OPTIONS



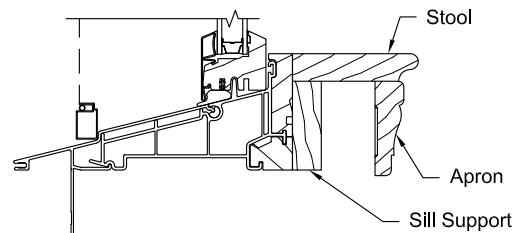
Return Kerf:

Generally located from first visible interior frame line. Kerfed option available on all jamb extender sizes.



4/4 Jamb Typ.

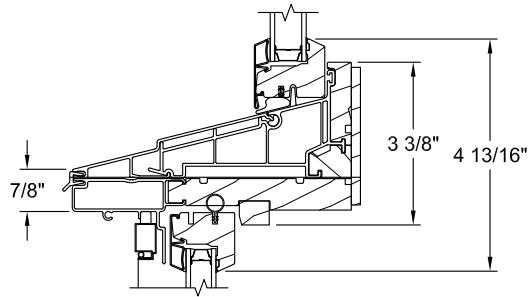
Prep for Stool



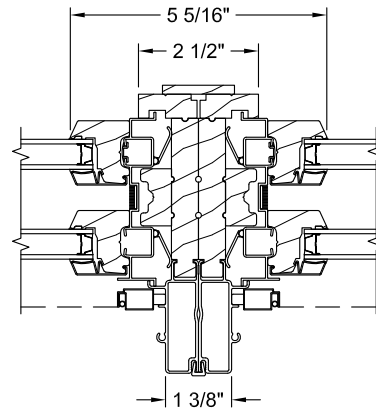
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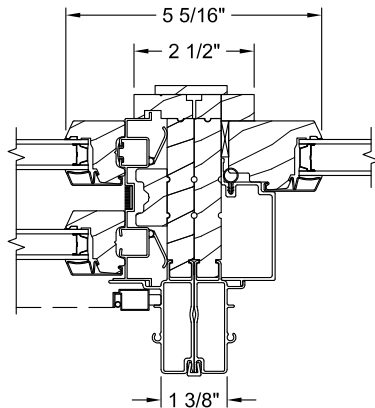
MULLION OPTIONS



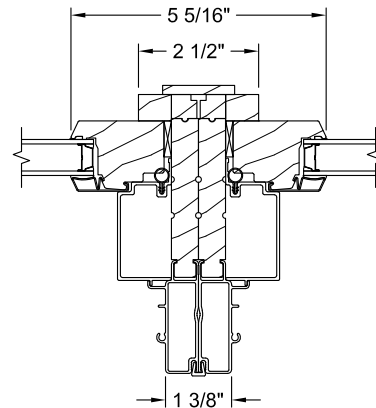
Geometric Insash Transom
Operator



Operator / Operator



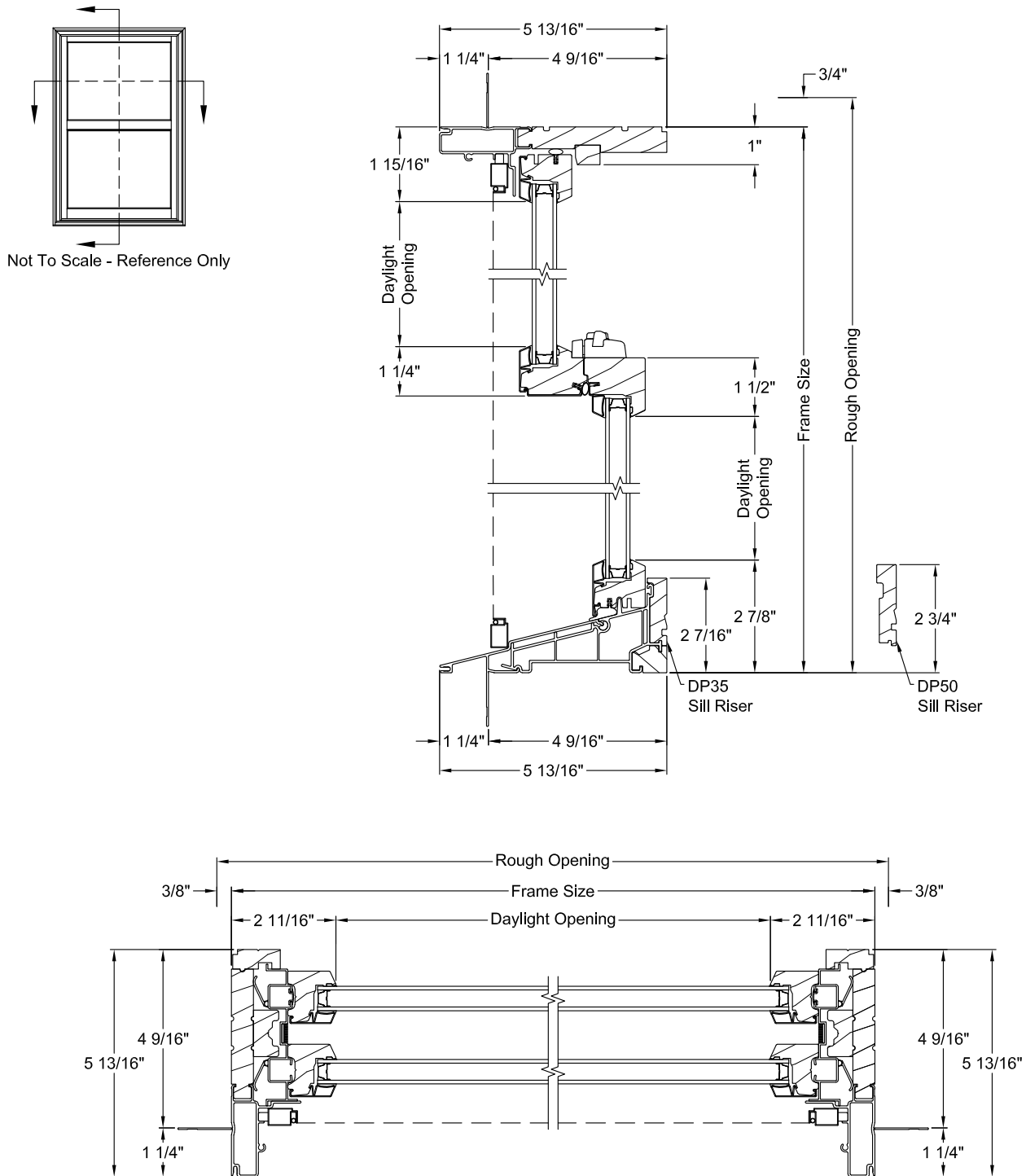
Operator / Geometric Insash



Geometric Insash / Geometric Insash

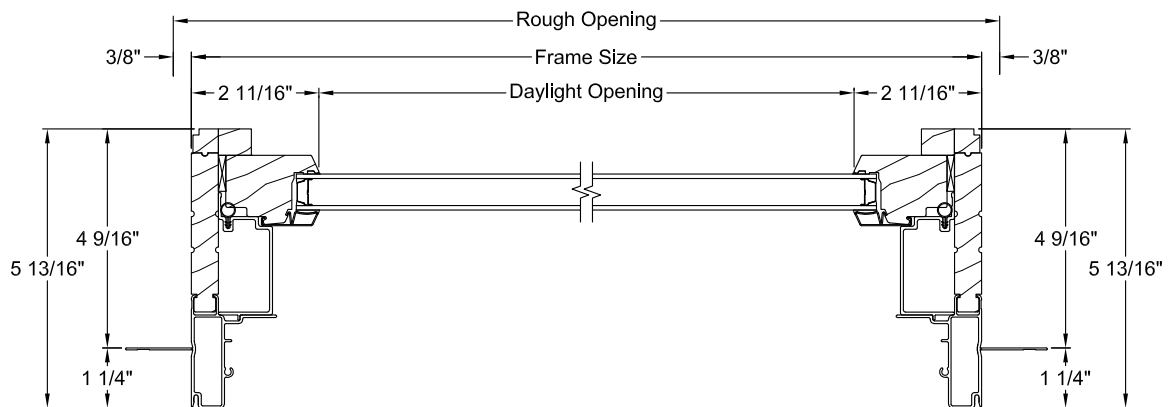
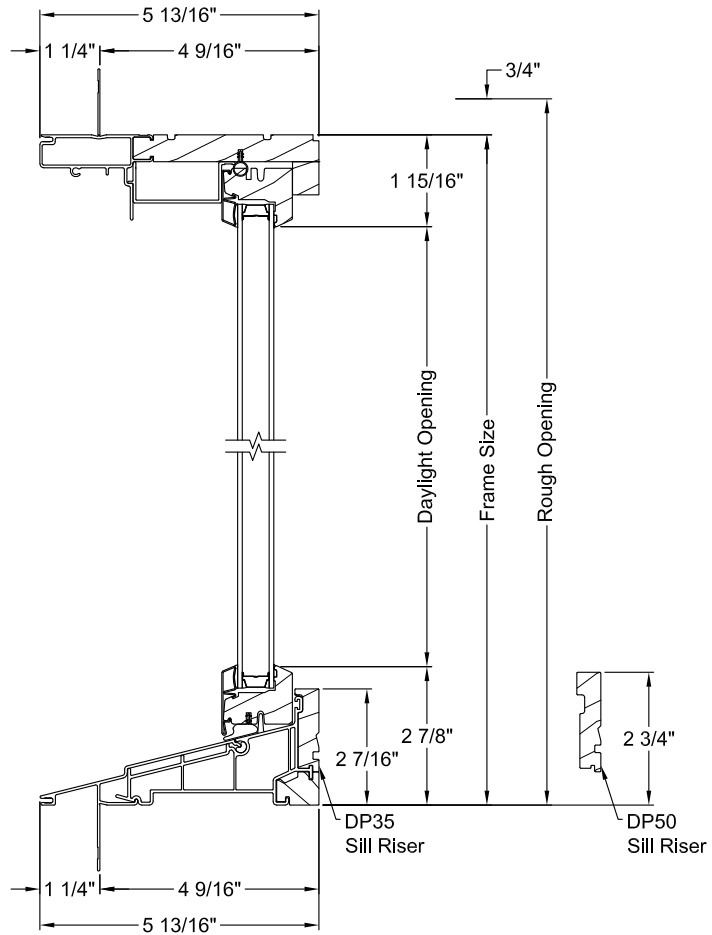
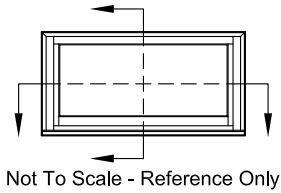


OPERATOR SECTIONS



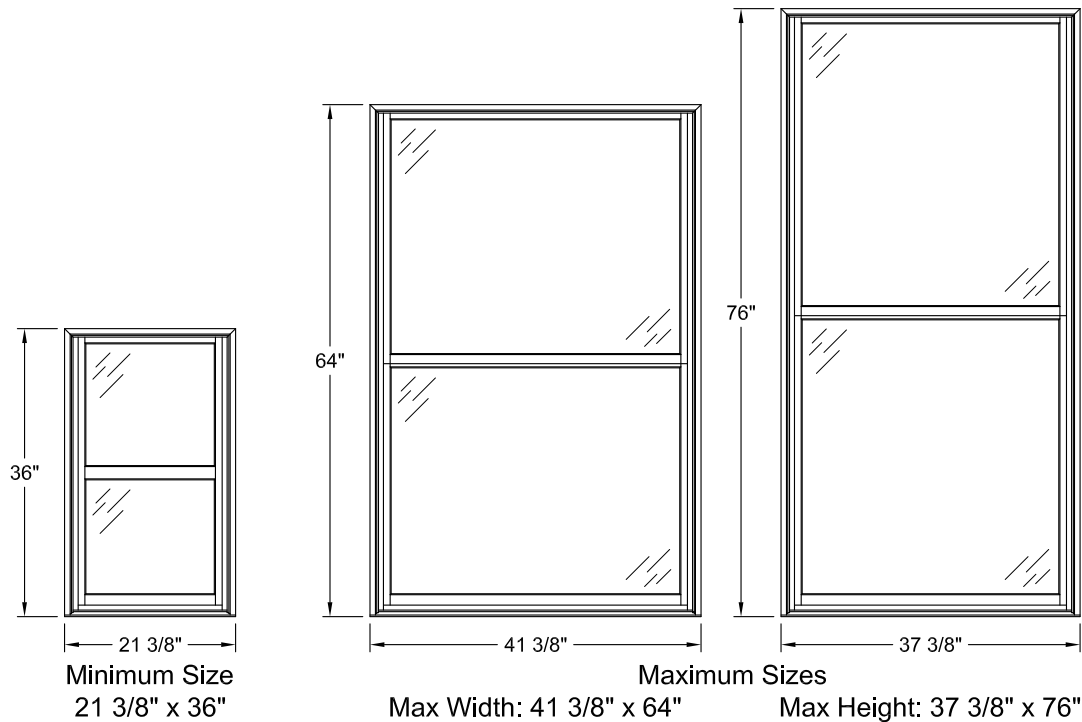


GEOMETRIC INSASH TRANSOM SECTIONS



MIN-MAX SIZING

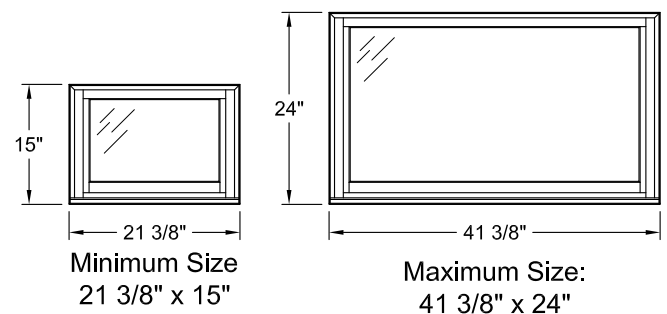
Operator Sizing



Window Width			
21 3/8"	25 3/8"	29 3/8"	33 3/8"
37 3/8"	41 3/8"		
Window Height			
36"	40"	48"	52"
56"	60"	64"	68"
72"	76"		

Window Width - Nominal			
19 1/4"	23 1/4"	27 1/4"	31 1/4"
35 1/4"			
Window Height - Nominal			
35 1/4"	41 1/4"	47 1/4"	53 1/4"
59 1/4"	65 1/4"	71 1/4"	

Transom Sizing

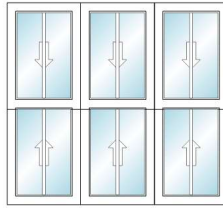


Transom Width			
21 3/8"	25 3/8"	29 3/8"	33 3/8"
37 3/8"	41 3/8"		
Transom Height			
15"	24"		

Transom Width - Nominal			
19 1/4"	23 1/4"	27 1/4"	31 1/4"
35 1/4"			
Transom Height - Nominal			
17 1/4"			



Catalog Version 95



Overall Frame Width = 70"

Overall Frame Height = 64"

A1: Sash Split = Even Divide

B1: Sash Split = Even Divide

C1: Sash Split = Even Divide

Begin Line 200 Description

---- Line 200-1 ----

Wood W-2500,
Double Hung,
,
70 x 64
Unit Grid Pattern = Colonial,
Unit Lites Wide - Top = 2,
Unit Lites Wide - Bottom = 2,
Unit Lites High - Top = 1,
Unit Lites High - Bottom = 1
Unit Sill Stop = No Sill Stop
Window Egress = Does Not Meet Egress
Room Location = ,
Is This a Remake = No,
Specific Information =
Manufacturer = JELD-WEN, Rantoul(IL),
Contact Number = 1-800-246-9131 Option 2,
Catalog Version Date = 02/03/2020,
Catalog Version = 20.1.12.0
7/8" Bead SDL w/Perm Wood,
Colonial,
2W1H
Assembly = Full Unit,
Exterior Trim Type = No Exterior Trim,
Exterior Trim Options = No,
Regional Compliance = Non-Certified

Overall Vent Division = Even Divide,
Overall Order By = Frame Size,
Overall Frame Width = Custom Size,
Overall Custom Frame Width = 70,
Overall Frame Height = Custom Size,
Overall Custom Frame Height = 64,
Overall Flanker Width = Custom,
Overall Custom Flanker Width = 23.3125
Species = Auralast Pine,
Interior Finish Type = Natural,
Finish - Interior = Natural,
Finish - Exterior = Primed,
Sash to Match Exterior Finish = No - Clad Sash,
Finish - Sash (Exterior) = Brilliant White
Jamb Width = 4 9/16"
Rating = No Rating,
Sill Nosing = No Sill Nosing,
Prep for Stool = No
Hardware Finish - Interior = White,
Storm/Screen Combo = No Combo,
Screen Options = No Screen
Energy Efficiency = Standard,
STC / OITC Rating = Standard,
Glazing = Insulated,

Low-E Options = No Low-E,
Glass Color = Clear,
Glass Type = Annealed,
Neat Glass = No,
Glass Thickness = Standard Default Thickness,
Protective Film = No Protective Film,
Spacer Color = Silver Spacer,
Glass Options = None
Add Grilles? = Yes,
Grid Type = 7/8" Bead SDL w/Perm Wood,
Interior Bar Profile = Traditional Bead Bar
(Standard),
Location for Grid = All Lite(s),
Grid Finish = Silver Shadow Bar,
SDL Finish = Brilliant White,
Grid Pattern = Define Pattern Separately
Mull Assembly = Flat Mull,
Certification = None,
Jambliner = White Jambliner,
Jamb Liner Filler/Cover = Compression Jambliner,
Sash Limiter = No Sash Limiter,
Finger Plows = No Finger Plows
Vertical,
Factory,
0" thick, 64" length

End Line 200 Description



Window & Patio Door Limited Warranty

OUR WARRANTY TO YOU...

JELD-WEN® Products¹ are designed to create lasting value for your home. This warranty is effective for all JELD-WEN window and patio door Products (except United Collection products) manufactured on or after **June 1, 2019** for use in the United States and Canada. Any previous warranties will continue to apply to products manufactured by JELD-WEN prior to this date. For additional information, including care and maintenance instructions, installation instructions, and previous warranties, refer to www.jeld-wen.com or www.jeld-wen.ca.

WHAT THIS WARRANTY COVERS

Except as set forth in the Special Coverages section below, we warrant that if your JELD-WEN Product exhibits a defect in material or workmanship within the time periods from the date of manufacture as specified below, we will, at our option, repair, replace or refund the purchase price of the Product or component part. Skilled labor² (where deemed necessary by us) to repair or replace any component is provided as specified below.

	Wood & Metal Clad Wood	Composite	Vinyl & Metal Clad Vinyl	Aluminum
Basic Product Coverage Owner-Occupied Single-Family Residence	20 years	10 years; glass is covered for 20 years	as long as you own and occupy your residence	10 years
Basic Product Coverage Commercial (Other than Owner-Occupied Single-Family Residence)	20 years	10 years	10 years	2 years
Skilled Labor² Coverage	2 years	2 years	2 years	1 year
Transferability - the maximum length of any coverage when you sell your residence or it becomes occupied by other than the original owner	10 years	10 years	10 years	Non-transferable

Special Coverages (Applies to both Owner-Occupied and Commercial)

The following Special Coverages apply to special product features and options; not all options are available on all products or in all regions.

Glass Options	Coverage	Notes
Triple-Glazed Glass Units	20 years	Includes the glass panes and the insulating seal.
ImpactGard® Glass Units	10 years	
Special Glazings	5 years	Includes laminated glass units other than ImpactGard, and glass options not listed in our product literature, e.g., leaded or decorative glass.
Blinds/Shades Between the Glass	10 years	Includes the seal, external control mechanism, and operation of the shade/blind.
Stress Cracks	1 year	Applies to sealed glass units installed in windows and patio doors. Laminated glass and special glazings are excluded. Coverage includes replacement glass and skilled labor ² necessary to replace the glass. Stress cracks occur when, in the first year after manufacture, the glass develops a crack without sign of impact.
Accidental Glass Breakage	Same as the Basic Product Coverage above (Owner-Occupied or Commercial)	Applies to Products ordered with double-strength or thicker glass. Not covered: damage attributable to acts of nature (e.g. fire, hurricane, etc.), civil disorder, building settling, structural failures of walls or foundations or improper installation, construction job-site mishaps, storage, or handling. Special glazings and ImpactGard glass are not covered by this glass breakage warranty.

Continued on next page

Special Coverages (continued)

Finish Options	Coverage	Notes
Finish on Metal Clad Exteriors	AAMA 2605: 30 years AAMA 2603/2604: 10 years Anodized: 5 years	Coverage is for peeling, checking, cracking, or exhibiting excessive chalk, fade or color change ³ . Clad products installed within one mile of a salt-water source (for example, an ocean or salt lake) or other corrosive environment require additional and specific maintenance requirements. Refer to our full care and maintenance instructions.
Factory Interior Finish on Wood Products	1 year	Coverage is for peeling, checking, or cracking. Should the factory interior finish be proven defective within this time period, we will at our option, replace or refinish the component or product, or offer a refinish credit up to \$50 per opening for windows or \$100 per opening for patio doors. This coverage applies to factory-applied finish coat options only; standard factory-applied primer is not a finish coat.
Colored and Laminated Surfaces on Vinyl and Composite Products	10 years	Coverage is for peeling, blistering, or flaking, and excessive color change ³ . This coverage does not extend to discoloration, polish, surface damage, or alteration caused by the use of natural or chemical solvents or an environmental factor causing such damage.
Other Special Coverages	Coverage	Notes
AuraLast® Protection for Wood Products	Owner-Occupied Single-Family Residence: as long as you own and occupy your residence	Coverage is for wood decay and/or termite damage in pine wood components. Warranty coverage outside Canada, the contiguous 48 states and Alaska is contingent upon approval from the JELD-WEN Customer Care Department. Please contact us.
	Commercial: 20 years	
Custom Fiberglass Door Slabs	As long as you own and occupy your residence	
Factory Prefinish on Custom Fiberglass Doors	10 years	Should the factory prefinish be proven defective, we will at our option refinish the door or pay up to \$350.00 per opening to the current owner.
Electric Operators	1 year	Coverage includes replacement parts and skilled labor necessary to replace the operator for one year.
Retractable Roll Screens	5 years	

HOW TO GET ASSISTANCE

If you have a problem with your JELD-WEN Product, contact the dealer/distributor or contractor from whom you purchased your product or contact us directly:

	In the United States:	In Eastern Canada:	In Western Canada:	In Ontario Canada:
Mail:	JELD-WEN Customer Care Attn: Warranty Claims P.O. Box 1329 Klamath Falls, OR 97601	JELD-WEN Service Dept 90, rue Industrielle Saint-Apollinaire, Quebec, Canada G0S 2E0	JELD-WEN Service Dept 550 Munroe Avenue Winnipeg, Manitoba, Canada R2K 4H3	JELD-WEN Service Dept 90 Stone Ridge Road Vaughan, Ontario Canada L4H 3G9
Phone:	888-JWHelpU 888-594-3578	800-463-1930	888-945-5627 204-668-8230	800-440-2714 905-265-5700
Fax:	800-436-5954	888-998-1599	204-663-1072	905-265-5704
E-mail:	jeldwenwarranty@jeld-wen.com		wpgservice@jeld-wen.com	
Web:	www.jeld-wen.com/contact-us	www.jeld-wen.ca/contact-us		

We can respond quickly and efficiently if you provide the following: a) product identification (from the original order/invoice, spacer code, permanent label, or the window identification number found on corner of glass), b) how to contact you, c) the address where the product can be inspected, and d) a description of the apparent problem and the product (photographs are helpful).

What We Will Do...

Upon receiving your notification, we will send out an acknowledgement within three business days to the contact, which you have provided. We will investigate your claim and will begin to take appropriate action within 30 days after receipt of notification. If your warranty claim is denied, we may charge an inspection fee for an onsite inspection that is required or requested by you.

Continued on next page

HOW TO GET ASSISTANCE (CONTINUED)

If your claim is approved, and we choose to repair or replace the product or a component of the product, the replacement product/component will be provided in the same specification as the original product or its nearest equivalent current product. Replacement components/products are warranted for the balance of the original product warranty or 90 days, whichever is longer.

Product Purchase Date: _____
Order Number: _____

If the claimed nonconformity is warp of a door slab, we may defer repairing or replacing the door slab for a period up to twelve (12) months from the date of claim. It is not uncommon for a temporary warp condition to occur as the door slab adjusts to local humidity and temperature conditions. This deferral will not be counted against the warranty period.

WHAT THIS WARRANTY DOES NOT COVER

JELD-WEN is not liable for damage, product failure or poor product performance due to:

- Normal wear and tear, including normal wear and tear of weatherstrip; natural weathering of surfaces. Variance in color or texture of natural wood parts, and natural tarnishing of copper cladding are not considered defects.
- Normal wear and tear to hardware and naturally occurring changes to hardware finishes (e.g., corrosion or tarnishing).
- Exposure to chemicals (e.g. brick wash) or a harsh environment (e.g. salt spray or airborne pollutants) unless otherwise stated above.
- Misuse, abuse or failure to properly finish and provide maintenance.
- Alteration or modification of the Product (e.g. customer applied tints or films, paint finishes, security systems).
- Any cause beyond the reasonable control of JELD-WEN (e.g. fire, flood, earthquake, other acts of nature, and acts of third parties outside of our control).
- Failure to provide an adequate overhang for fiberglass doors; damage caused by extreme temperature buildup where storm doors are present. For general guidelines, see our "Appropriate Protection for Exterior Doors" in our product literature or at www.jeld-wen.com/resources; for specific information pertaining to your structure, consult your contractor or other building professional.
- Improper installation not in conformance with JELD-WEN installation instructions (note: see www.jeld-wen.com for current installation instructions); operational problems and problems related to water and/or air infiltration/leaking as a result of improper installation or flaws in building design or construction.
- Installation into a condition that exceeds product design standards and/or certified performance specifications and/or is not in compliance with building codes.
- Extreme artificial temperature buildup or exposure (e.g., where storm doors/windows are present).
- Hardware or inserts that are not provided by us, such as locksets, door handles, strikes, etc.
- Condensation or damage as a result of condensation (Note: unless due to insulating glass failure, most condensation problems are related to excessive humidity levels in a structure. Contact a heating/air conditioning specialist for help).

- Wood decay in wood components other than of pine species and any components (including pine) that come in direct contact with soil. Note: superficial mold/mildew does not indicate wood decay.

JELD-WEN is also not liable for:

- Glass breakage (except as specifically covered above).
- Screen damage due to normal wear and tear, misuse, abuse, or insect or animal activity.
- Slight expansion or contraction of product components due to varying environmental conditions; slab movement (shrinkage or swelling) of 1/4" or less due to temperature and humidity, consult the Homeowner's Manual on how to work with this natural movement.
- Slight imperfections or wavy distortions in the glass that don't impair structural integrity. Note: wavy distortions in the glass (e.g. related to laminate interlayer or heat strengthening of glass) are not considered a defect. Slight color variations in glass are not considered a defect.
- Hairline cracks in factory-applied finishes; surface cracks that do not compromise the underlying material are not a defect.
- Damage or distortion to other property, including but not limited to, vinyl siding, building components or landscaping caused in whole or in part by reflection of light or heat from JELD-WEN windows or doors.
- Product or component performance decline due to aging, inert gas dissipation, natural processes or failure to provide proper maintenance. Note: Other than inert gas loss due to seal failure, the migration of an inert gas, such as argon, is a natural process that occurs over time and is not a defect.
- Repairs on product not accessible by road; travel costs related to repairs on product located more than 125 miles/200 kilometers from an authorized dealer; providing, assembling, or dismantling scaffolding, lifts, or other specialized equipment.
- Labor and materials for repainting or refinishing activities or the removal or disposal of defective product(s); labor exceeding the time periods specified above.
- Incidental or consequential damage. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages, so this may not apply to you.

Continued on next page

Important Legal Information -- Please read this carefully. It affects your rights.

This Limited Warranty document sets forth our maximum liability for our products. We shall not be liable for special, indirect, consequential, or incidental damages. Your sole and exclusive remedy with respect to any and all losses or damages resulting from any cause whatsoever shall be as specified above. We make no other warranty or guarantee, either express or implied, including implied warranties of merchantability and fitness for a particular purpose to the original purchaser or to any subsequent user of the Product, except as expressly contained herein. In the event state or provincial law precludes exclusion or limitation of implied warranties, the duration of any such warranties shall be no longer than, and the time and manner of presenting any claim thereon shall be the same as, that provided in the express warranty stated herein. This Limited Warranty document gives you specific legal rights, and you may have other rights that vary from state/province to state/province.

Any dispute, controversy or claim arising out of or relating to this warranty, any alleged breach thereof, or the use or sale of the products to which this warranty applies shall be resolved by mandatory and binding arbitration administered by the American Arbitration Association in accordance with its commercial arbitration rules. Any ensuing arbitration will be venued in Charlotte, North Carolina. Original purchaser agrees that they may assert claims against JELD-WEN in their individual capacity only, and not as a plaintiff or class member in any purported class action proceeding. This warranty shall be interpreted in accordance with the laws of North Carolina (excluding North Carolina's conflict of laws principles). If any provision of this warranty is deemed illegal or unenforceable in a judicial proceeding, that provision shall be severed and excluded, and the remainder of this warranty shall continue in force. Rejection of these dispute resolution provisions must be sent to JELD-WEN at the address provided herein within thirty (30) days of original purchaser's receipt of the Products to which this warranty applies.

No distributor, dealer or representative of JELD-WEN has the authority to change, modify or expand this warranty. The original purchaser of this Product acknowledges that they have read this warranty, understand it and are bound by its terms and agrees to provide this warranty to the original owner of the structure into which the Product is installed.

¹ "JELD-WEN Products" shall refer to window and patio door products (except United Collection products) manufactured in the United States and/or Canada and marketed under the JELD-WEN brand name for use in the United States and/or Canada. See our separate United Collection warranty, or our Export Warranty for applicable coverage on products used outside the United States and Canada.

² "Skilled labor" refers to tasks where specialized technical knowledge, experience, methods or tools are required to properly identify, diagnose and/or correct product-related issues.

³ "Chalking" of the exterior finish is not a defect unless it exceeds a numerical rating of eight (8) when measured in accordance with the standard procedures specified in ASTM D4214. Fading or changing in color of the exterior finish is not a defect unless it exceeds five (5) E units, calculated in accordance with ASTM D2244, paragraph 6.2. Color change shall be measured on an exposed area of finish that has been cleaned of surface soils and chalk, and the corresponding values measured on the original or unexposed area of finish. Fading or color changes may not be uniform if the surfaces are not equally exposed to the sun and elements. If the above ASTM standards change, the standard in effect at the time of purchase applies. As an option to replacement, we may choose to refinish the product.