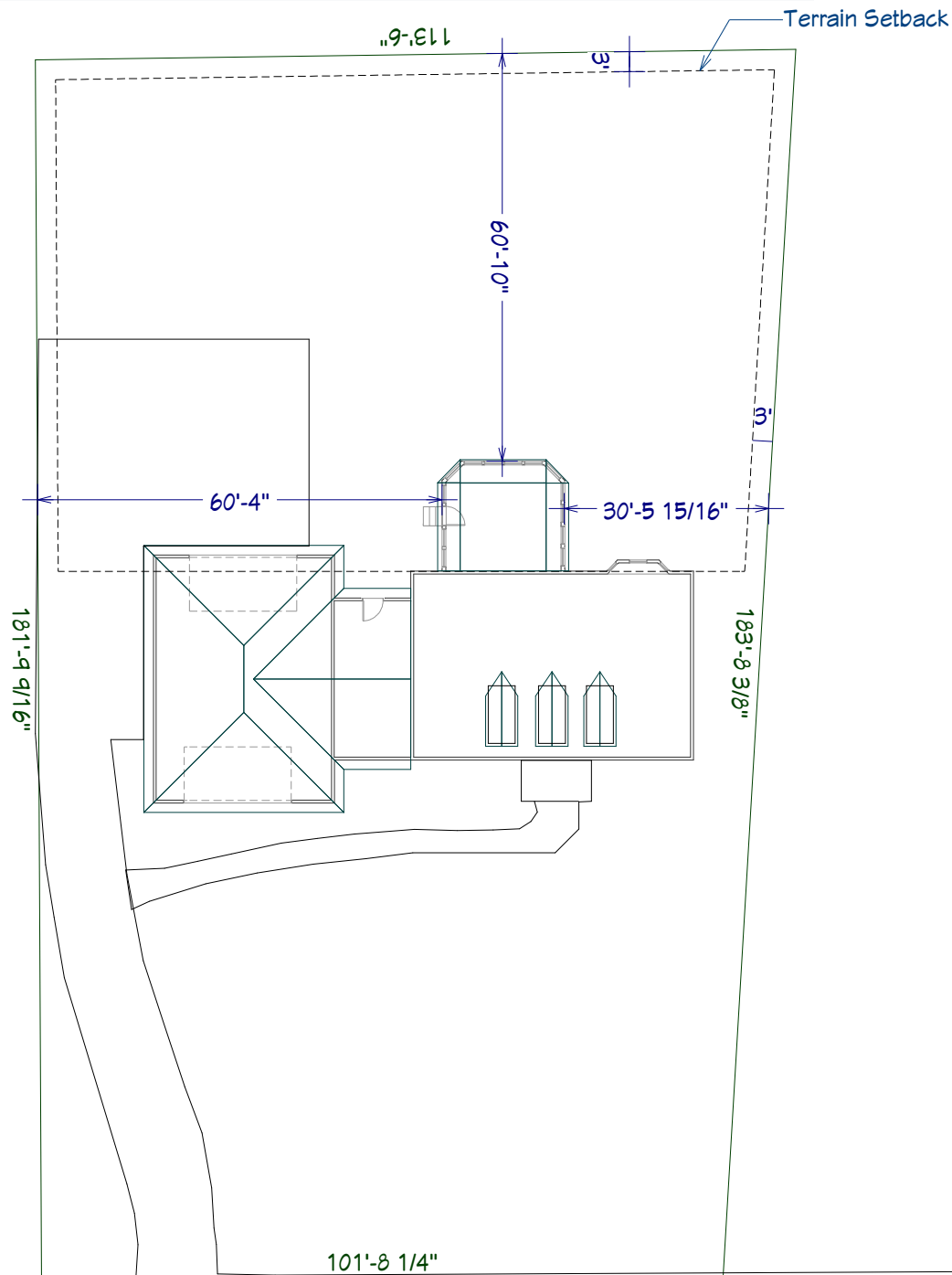


Demo existing three season room and rebuild new 3 season room in the same location to the same size as existing



27 PINewood LN

Scale 1/8" = 1'



Safeguard Renovation
5530 Marine Parkway
Mentor on the Lake, OH 44060
440-534-1455

Plot Plan

Greg & Janet Daniels
27 Pinewood Ln
Hudson, Ohio 44236

10/8/2025

DATE:

7



GENERAL NOTES:

THIS PLAN SET, COMBINED WITH THE BUILDING CONTRACT, PROVIDES BUILDING DETAILS FOR THE RESIDENTIAL PROJECT. THE CONTRACTOR SHALL VERIFY THAT SITE CONDITIONS ARE CONSISTENT WITH THESE PLANS BEFORE STARTING WORK. WORK NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED TO THE SAME QUALITY AS SIMILAR WORK THAT IS DETAILED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODES.

WRITTEN DIMENSIONS AND SPECIFIC NOTES SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND GENERAL NOTES. THE ENGINEER/DESIGNER SHALL BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN, IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES. CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS). ALL TRADES SHALL MAINTAIN A CLEAN WORK SITE AT THE END OF EACH WORK DAY. PLEASE SEE ANY ADDITIONAL NOTES CALLED OUT ON OTHER SHEETS.

ALL DIMENSIONS OF EXISTING STRUCTURE SHALL BE FIELD VERIFIED BY CONTRACTOR PRIOR TO FABRICATION.

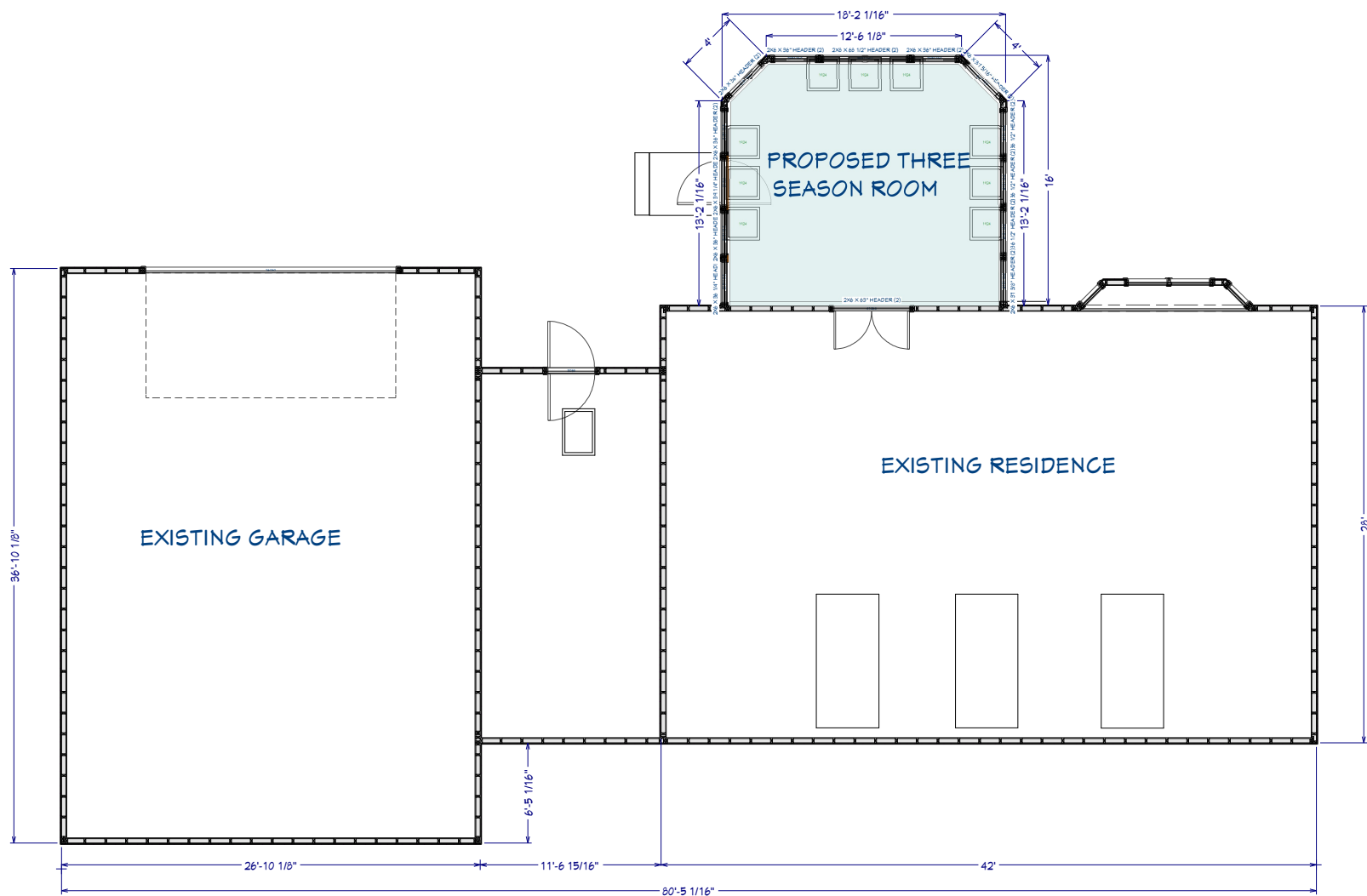
SCALES INDICATE BASED ON FULL SIZE 24X36 DRAWING. DIMENSIONS SHOULD NOT BE DETERMINED BY COMPUTER SCALE OF DRAWINGS.

Project Summary:

Owner: Gregory and Janet Daniels
 Project Address: 27 Pinewood Lane, Hudson, OH 44236
 Legal: PARID3202744

Project Overview	1
Project Overview -1st Floor	2
Elevation Detail	3
Roof Framing Detail	4
Foundation Plan	5
Wall Framing Detail	6
Plot Plan	7
Existing Front/ Back	8
Existing Sides	9

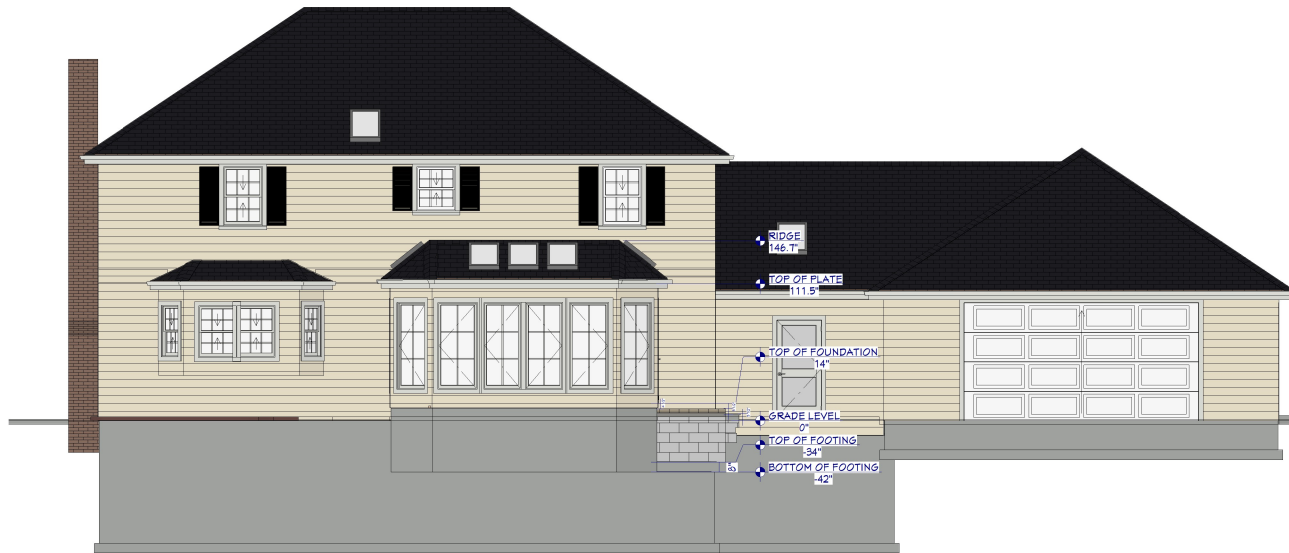




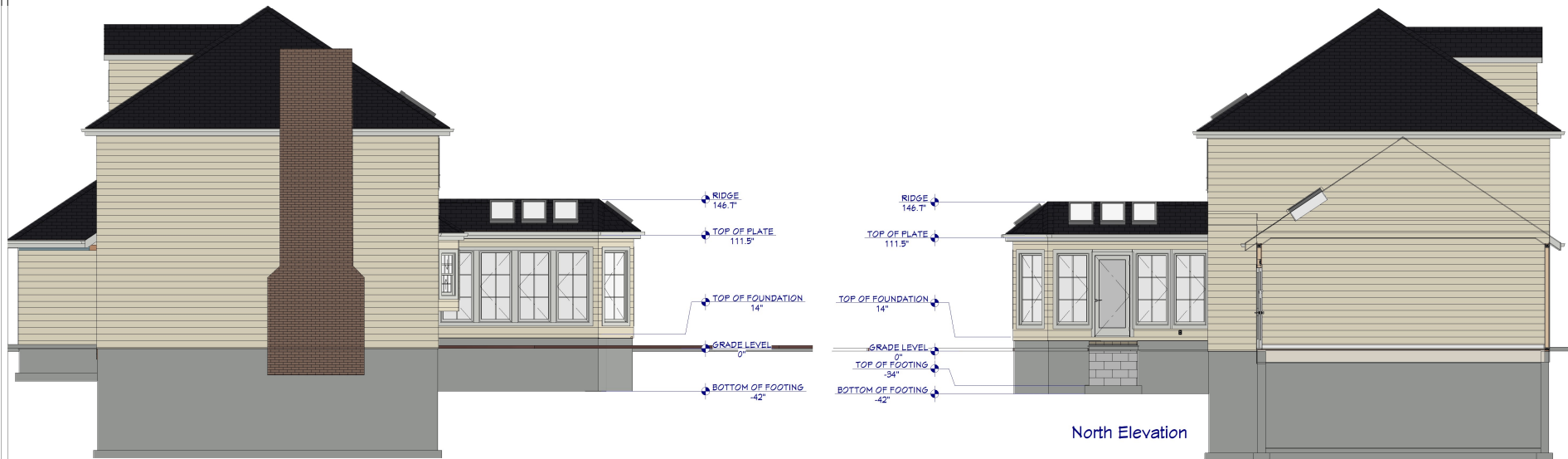
Material Notes:

- Pella Lifestyle Series Casement Windows with Grids
- Pella Glass door 250 Series
- TruExterior Siding
- TruExterior molding on exterior doors and windows
- EPDM Rubber on flat roof
- IKO Performance Asphalt shingles on hip portions of roof (Color: to match existing house)

Scale 5/16" = 1'



Rear Elevation

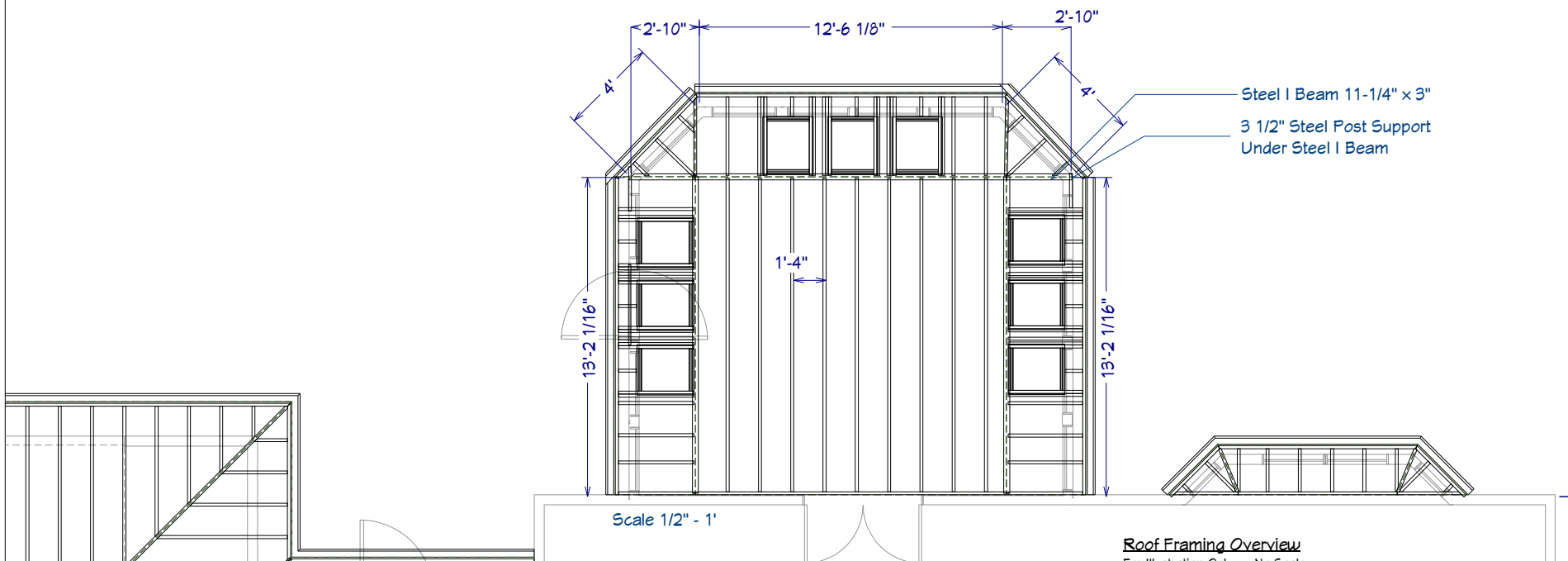


North Elevation

Scale 1/4" = 1'

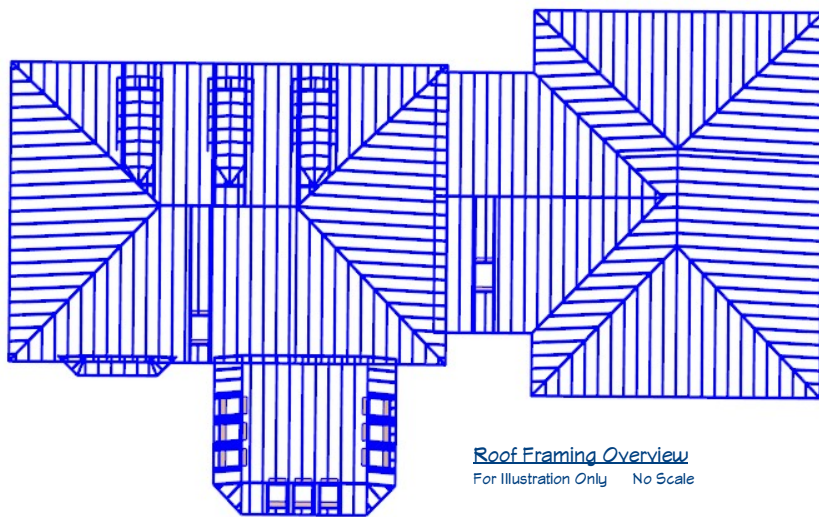
South Elevation

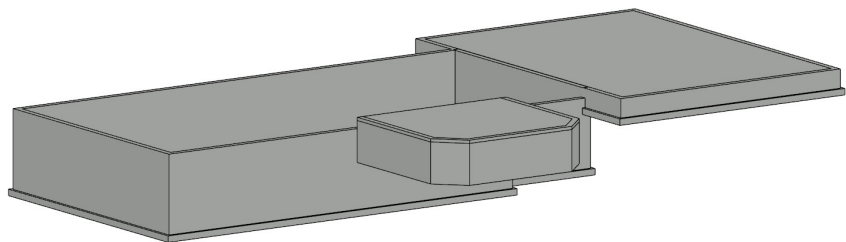




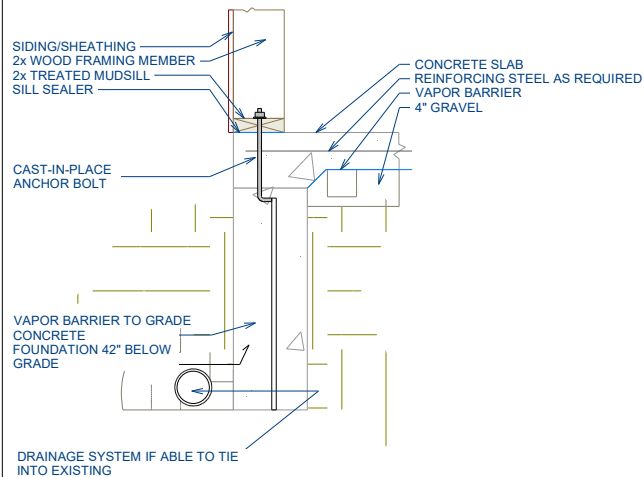
Roof Framing Overview

For Illustration Only No Scale



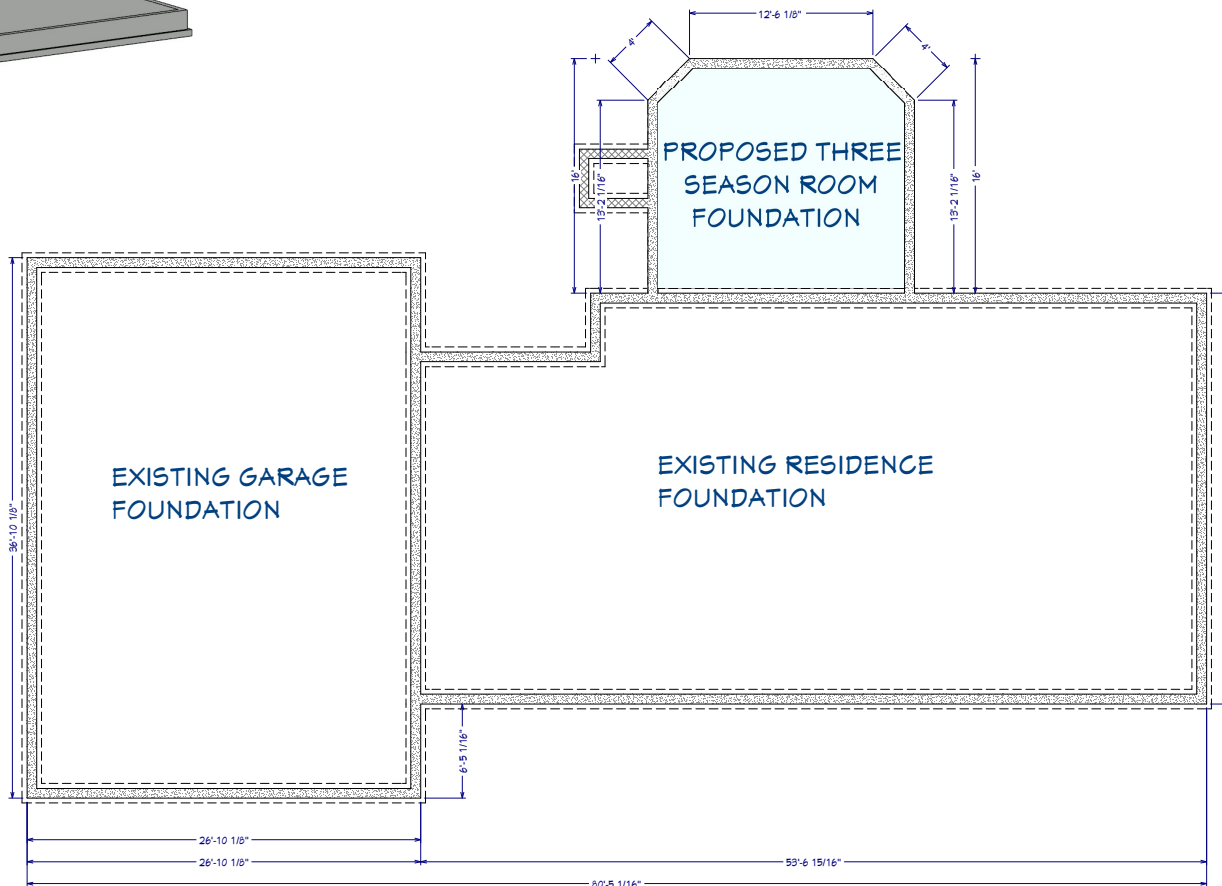


Foundation Overview
For Illustration Only No Scale

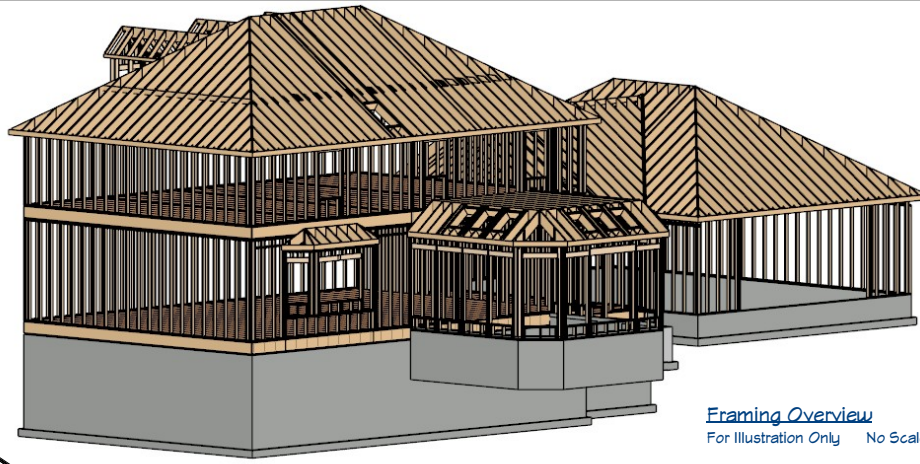


Monolithic Slab & Foundation

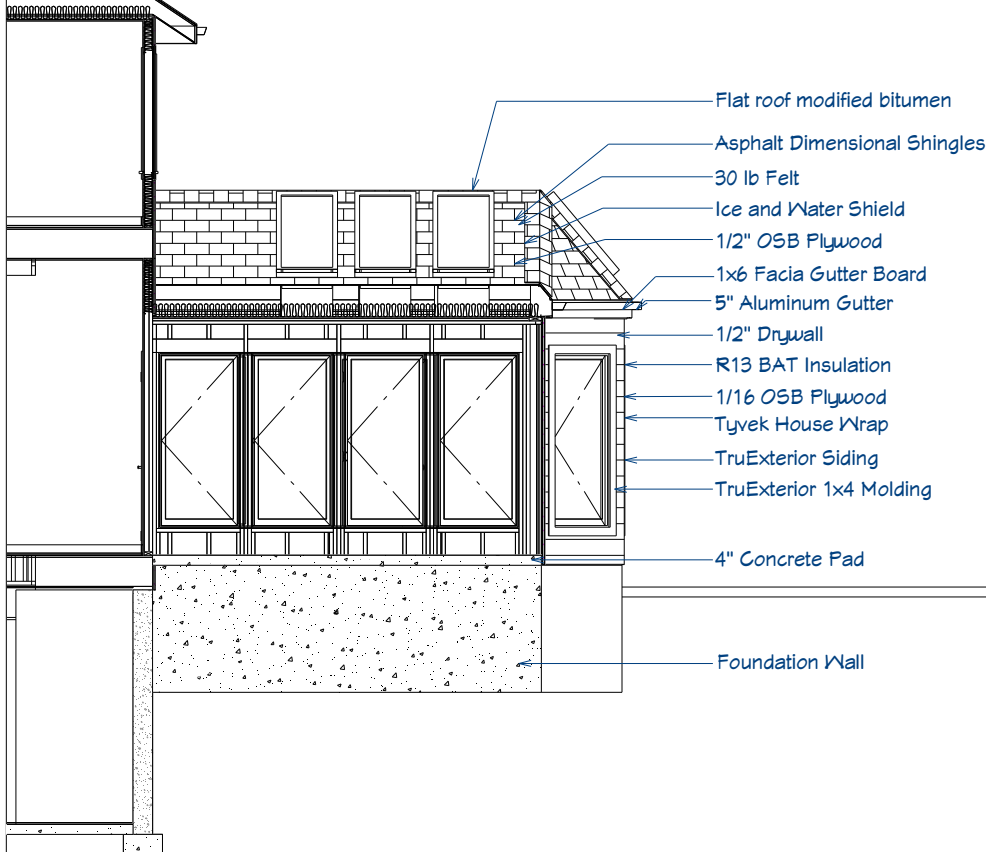
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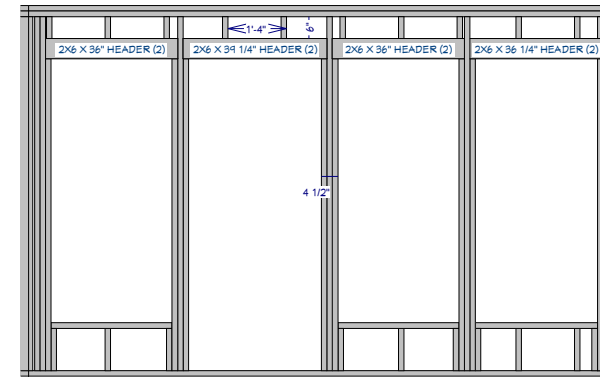
Scale 1/4" = 1'



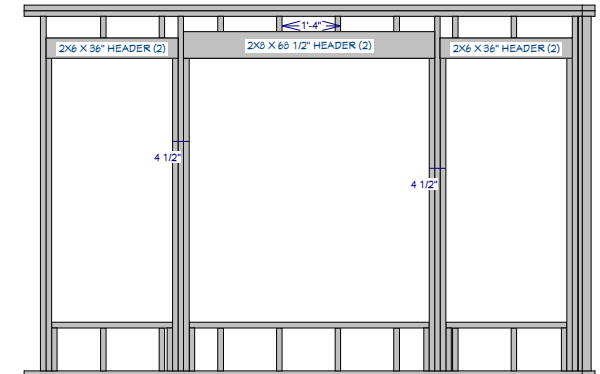
Framing Overview
For Illustration Only No Scale



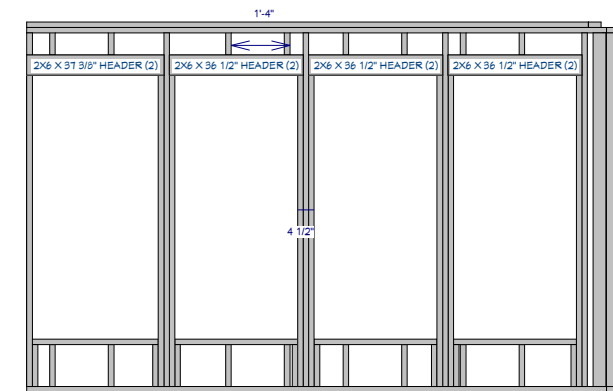
Scale 1/2" = 1'



North Wall Framing Detail - Viewed from the Outside



East Wall Framing Detail - Viewed from the Outside



South Wall Framing Detail - Viewed from the Outside



8

DATE:

10/8/2025

Greg & Janet Daniels
27 Pinewood Ln
Hudson, Ohio 44236

Existing Front/ Back

Safeguard Renovation
9030 Nether Parkway,
Mentor on the Lake, OH 44260
440-534-1495





9

DATE:

10/8/2025

Greg & Janet Daniels
27 Pinewood Ln
Hudson, Ohio 44236

Existing Sides

Safeguard Renovation
9030 Netherland Parkway
Mentor on the Lake, OH 44060
440-534-1495



Product Selection Guide

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 Features and Options LS-CM-3

Combination Assemblies LS-CM-4

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 Triple-Pane LS-CM-9

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Special Sizes and Dimensions..... LS-CM-20

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 Triple-Pane LS-CM-25

Detailed Product Descriptions LS-CM-29

Unit Sections

 Dual-Pane LS-CM-30

 Triple-Pane LS-CM-31

Document Navigation Tips:

Items listed in the table of contents above are active links that will take you to the corresponding page.
The Pella logo on each page is a link back to this table of contents.
Bookmarks are also included in this PDF document and are available as an additional navigation option.

Supporting documents for this product:

- Test Reports:
- https://media.pella.com/professional/adm/CertificationReports/Test_Reports_LS-Dual.pdf?utm_source=pdfdoc
 - https://media.pella.com/professional/adm/CertificationReports/Test_Reports_LS-Triple.pdf?utm_source=pdfdoc
- CSI Specs (readable using Microsoft Word or other text editing application):
- https://media.pella.com/professional/adm/Wood-CSI_Specs/08551.rtf?utm_source=pdfdoc
- Detailed Product Description (readable using Microsoft Word or other text editing application):
- https://media.pella.com/professional/adm/Clad-Wood-LS/PellaLifestyleSrs-AW_DPD.rtf?utm_source=pdfdoc
- Size Tables (requires appropriate CAD software to read and use):
- https://media.pella.com/professional/adm/Clad-Wood-LS/LSCAWE_D.dwg?utm_source=pdfdoc
- CAD cross sections (requires appropriate CAD software to read and use):
- https://media.pella.com/professional/adm/Clad-Wood-LS/LS-AW_XSEC.dwg?utm_source=pdfdoc
- 3D & BIM (requires appropriate software to read and use):
- https://media.pella.com/professional/adm/RevitFiles/LS-Revit/Window-Awning-Pella-Lifestyle_Series.zip?utm_source=pdfdoc
- Sketchup (requires appropriate software to read and use):
- https://media.pella.com/professional/adm/Clad-Wood-LS/PellaSKP_LifestyleSeries_Awning.zip?utm_source=pdfdoc
- Combination Recommendations:
- https://media.pella.com/professional/adm/Clad-Wood/D_Combinations.pdf?utm_source=pdfdoc
- Installation Details:
- https://media.pella.com/professional/adm/Clad-Wood/F_InstallationDetails.pdf?utm_source=pdfdoc

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Lifestyle Series Casement

Performance Data

Size and Performance Data

	Dual-Pane Glazing	Triple-Pane Glazing
Sizes		
Standard vent/fixed sizes	●	●
Special sizes available	●	●
Performance₁		
Meets or Exceeds AAMA/WDMA Ratings	LC30 - LC50 Hallmark Certified	R20 - CW50 Hallmark Certified
Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure) ₂	0.05	0.05
Water Resistance	4.59 - 7.52 psf	7.5 psf
Design Pressure	30 - 50 psf	20 - 50 psf
Other Performance Criteria		
Forced Entry Resistance Level (Minimum Security Grade) ₃	40	40
Operating Force (lb) Initiate Motion / Maintain Motion (of Hallmark tested size and glazing) ₄	15/6	15/6

Sound Transmission Class / Outdoor-Indoor Transmission Class

Frame Size Tested ₄	Glazing System				STC Rating	OITC Rating
	Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness (ML)		
VENT – Dual-Pane Glass						
23" x 59"	11/16"	2.5mm	2.5mm	–	25	22
23" x 59"	11/16"	5mm	3mm	–	31	26
FIXED – Dual-Pane Glass						
47"x 59"	11/16"	3mm	3mm	—	28	24
47"x 59"	11/16"	5mm	3mm	—	30	28
VENT – Triple-Pane Glass						
23" x 59"	11/16"	2.5mm	2.5mm	2.5mm	31	25
23" x 59"	11/16"	5mm	3mm	4mm	36	31
23" x 59" with shade	11/16"	5mm	3mm	4mm	37	34
23" x 59" with blind	11/16"	5mm	3mm	4mm	36	32
FIXED – Triple-Pane Glass						
47"x 59"	11/16"	3mm	3mm	3mm	33	27
47"x 59"	11/16"	5mm	3mm	4mm	35	30
47"x 59" with shade	11/16"	5mm	3mm	4mm	37	31
47"x 59" with blind	11/16"	5mm	3mm	4mm	35	30
47"x 59"	11/16"	4mm	6mm	4mm	35	29
47"x 59" with shade	11/16"	4mm	6mm	4mm	37	31
47"x 59" with blind	11/16"	4mm	6mm	4mm	36	30

(1) Maximum performance for single unit when glazed with the appropriate glass thickness. See Design Data pages in this section for specific product performance class and grade values. Values shown are for standard and special sizes. Contact your local sales representative for complete information.

(2) Published performance data for air infiltration is determined by testing a minimum of four (4) products of NFRC model size. Testing is conducted in accordance with ASTM E283. Air infiltration ratings for products will differ by size. The performance data does not apply to combination assemblies unless noted. Actual product performance may vary for a number of reasons including installation and product care.

(3) The higher the level, the greater the product's ability to resist forced entry.

(4) ASTM E 1425 defines standard sizes for acoustical testing. Ratings achieved at that size are representative of all sizes of the same configuration.



Lifestyle Series Casement

Features and Options

Standard	Options / Upgrades
Glazing	
Glazing Type	
Dual-Pane Glazing	Triple-Pane Glazing with Clear Hinged Glass Panel
Insulated Glass Options/Low-E Types	
Advanced Low-E	SunDefense™ Low-E
	SunDefense+ Low-E
	AdvancedComfort Low-E
	NaturalSun Low-E
	NaturalSun+ Low-E
Glass Performance Package Options	
Base Package (Dual-Pane)	Performance Package - Triple-Pane
	Sound Control Package - Triple-Pane with STC glass
	Energy Efficiency Package - Triple-Pane with AdvancedComfort Low-E
	Ultimate Performance Package - Triple-Pane with AdvancedComfort Low-E and STC glass
Additional Glass Options	
Annealed Glass	STC Glazing Options
	Tempered Glass
	Obscure Glass ¹
Gas Fill/High Altitude	
Argon	High altitude (Air-filled only)
Exterior	
EnduraClad® Cladding Colors¹	
4 Standard colors	8 Feature colors
Interior¹	
Unfinished wood	Factory primed, Factory prefinished paint, Factory prefinished stain
Wood Types	
Pine	—
Hardware	
Champagne, White, Brown or Matte Black	Satin Nickel, Satin Brass
Sash Locks	
Innovative Locking System, Unison Lock System ²	—
Hinging	
Large Awning—Wash Hinge	Side-Pivot
Grilles	
Simulated-Divided-Light with Optional Spacer (Dual-Pane glazing)	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
Simulated-Divided-Light with Grilles-Between-the-Glass (Triple-Pane glazing)	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
Grilles-Between-the-Glass	
—	Traditional, Prairie, Top Row, Cross, Custom - Equally Divided
Integrated Between-the-Glass Options (Triple-Pane Only)¹	
Cellular Fabric Shades	
—	Raise-and-lower bottom-up
Slimshade® Blinds	
—	Raise-and-lower bottom-up
Screens	
—	InView™ screens, Rolscreen® Retractable Screen

(—) = Not Available

(1) Contact your local Pella sales representative for current designs and color options.

(2) Unit height determines availability.



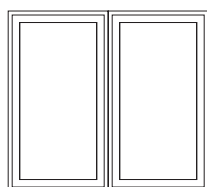
Lifestyle Series Casement

Combination Assemblies

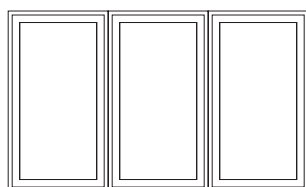
Combinations are a great way to create visual interest in any project. A combination is an assembly formed by two or more separate windows or doors whose frames are mullered together by a combination or reinforcing mullion.

Pella window combinations are available in an endless variety of arrangements. Below are available factory-assembled combinations. Some units can be fixed or vent depending on availability. Refer to Combinations section for requirements and limitations.

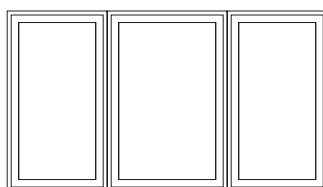
Contact your local Pella sales representative for more information.



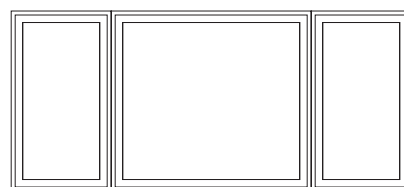
Two-Wide



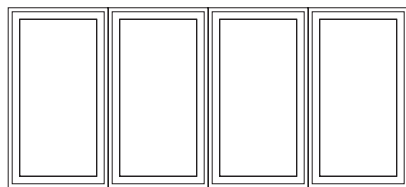
Three-Wide Equal



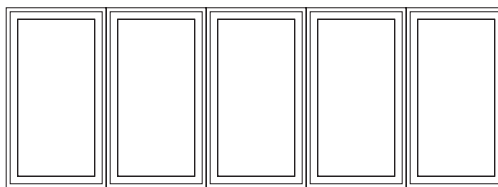
Three-Wide Unequal



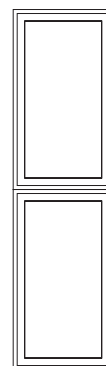
Center Fixed with Flankers



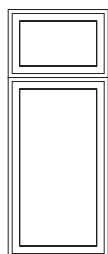
Four-Wide



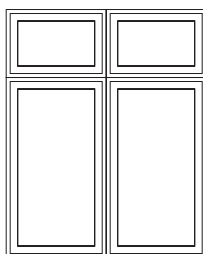
Five-Wide



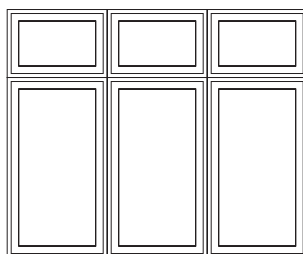
Two-High



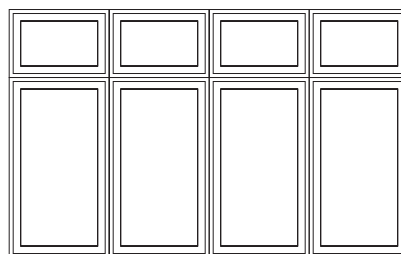
Transom over
Single



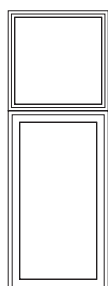
Two-Wide Transom
over Two-Wide



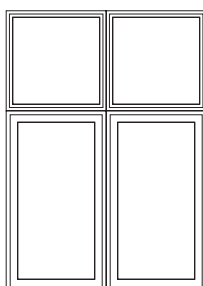
Three-Wide Transom over
Three-Wide



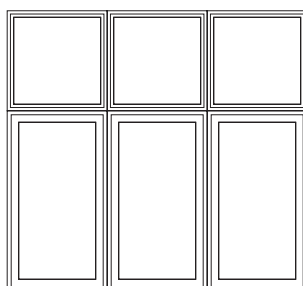
Four-Wide Transom over
Four-Wide



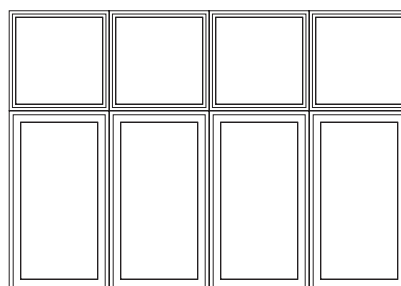
Clad Frame over
Single



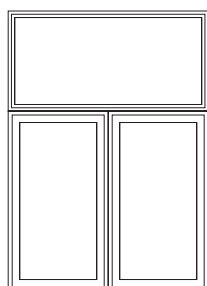
Two-Wide Clad Frame over
Two-Wide



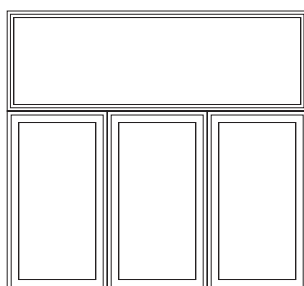
Three-Wide Clad Frame over
Three-Wide



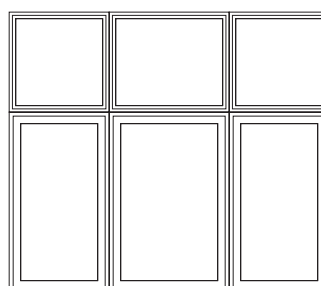
Four-Wide Clad Frame over
Four-Wide



Single Clad Frame over
Two-Wide



Single Clad Frame over
Three-Wide



Three-Wide Clad Frame over
Three-Wide Unequal



Lifestyle Series Casement

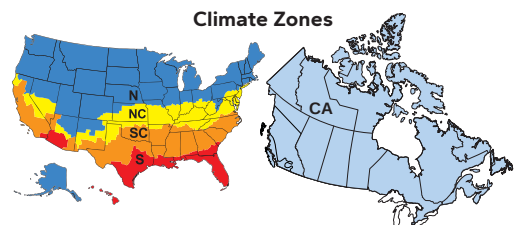
Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			Ext.	Int.		U-Factor	SHGC	VLT	CR	U. S.				Canada ₂	
										Zone				ER	Zone
Dual-Pane Vent										N	NC	SC	S	CA	
11/16"	Advanced LowE IG	PEL-N-14-00677-00001	2.5	2.5	Argon	0.29	0.27	0.51	58						
	with grilles-between-the-glass	PEL-N-14-00678-00001				0.29	0.25	0.47	58						
	with Simulated Divided Light	PEL-N-14-00679-00001				0.29	0.25	0.47	58						
11/16"	Advanced LowE IG	PEL-N-14-00685-00001	3	3	Argon	0.28	0.27	0.51	58						
	with grilles-between-the-glass	PEL-N-14-00686-00001				0.28	0.25	0.46	58						
	with Simulated Divided Light	PEL-N-14-00687-00001				0.29	0.25	0.46	58						
11/16"	SunDefense™ Low-E IG	PEL-N-14-00777-00001	2.5	2.5	Argon	0.28	0.20	0.48	59			SC	S		
	with grilles-between-the-glass	PEL-N-14-00778-00001				0.28	0.19	0.43	59			SC	S		
	with Simulated Divided Light	PEL-N-14-00779-00001				0.29	0.19	0.43	59				S		
11/16"	SunDefense™ Low-E IG	PEL-N-14-00785-00001	3	3	Argon	0.28	0.20	0.47	58			SC	S		
	with grilles-between-the-glass	PEL-N-14-00786-00001				0.28	0.19	0.43	58			SC	S		
	with Simulated Divided Light	PEL-N-14-00787-00001				0.29	0.19	0.43	58				S		
11/16"	SunDefense+ Low-E IG	PEL-N-14-01089-00001	2.5	2.5	argon	0.25	0.20	0.47	47		NC	SC	S		
	with grilles-between-the-glass	PEL-N-14-01090-00001				0.25	0.18	0.42	47		NC	SC	S		
	with Simulated Divided Light	PEL-N-14-01091-00001				0.25	0.18	0.42	47		NC	SC	S		
11/16"	SunDefense+ Low-E IG	PEL-N-14-01097-00001	3	3	argon	0.25	0.20	0.46	46		NC	SC	S		
	with grilles-between-the-glass	PEL-N-14-01098-00001				0.25	0.18	0.42	46		NC	SC	S		
	with Simulated Divided Light	PEL-N-14-01099-00001				0.25	0.18	0.42	46		NC	SC	S		
11/16"	AdvancedComfort Low-E IG	PEL-N-14-00737-00001	2.5	2.5	Argon	0.25	0.27	0.50	46		NC				
	with grilles-between-the-glass	PEL-N-14-00738-00001				0.25	0.25	0.46	46		NC				
	with Simulated Divided Light	PEL-N-14-00739-00001				0.25	0.25	0.46	46		NC				
11/16"	AdvancedComfort Low-E IG	PEL-N-14-00745-00001	3	3	Argon	0.25	0.27	0.50	45		NC				
	with grilles-between-the-glass	PEL-N-14-00746-00001				0.25	0.25	0.45	45		NC				
	with Simulated Divided Light	PEL-N-14-00747-00001				0.26	0.25	0.45	45						
11/16"	NaturalSun LowE IG	PEL-N-14-00637-00001	2.5	2.5	Argon	0.29	0.51	0.58	58						
	with grilles-between-the-glass	PEL-N-14-00638-00001				0.29	0.47	0.53	58						
	with Simulated Divided Light	PEL-N-14-00639-00001				0.30	0.47	0.53	58						
11/16"	NaturalSun LowE IG	PEL-N-14-00645-00001	3	3	Argon	0.29	0.50	0.58	57						
	with grilles-between-the-glass	PEL-N-14-00646-00001				0.29	0.46	0.52	57						
	with Simulated Divided Light	PEL-N-14-00647-00001				0.30	0.46	0.52	57						
11/16"	NaturalSun+ LowE IG	PEL-N-14-01065-00001	2.5	2.5	argon	0.25	0.47	0.57	44	N				36	CA
	with grilles-between-the-glass	PEL-N-14-01066-00001				0.25	0.43	0.52	45	N				34	CA
	with Simulated Divided Light	PEL-N-14-01067-00001				0.26	0.43	0.52	45	N					
11/16"	NaturalSun+ LowE IG	PEL-N-14-01073-00001	3	3	argon	0.26	0.46	0.56	45	N				34	CA
	with grilles-between-the-glass	PEL-N-14-01074-00001				0.26	0.42	0.51	45	N					
	with Simulated Divided Light	PEL-N-14-01075-00001				0.26	0.42	0.51	45	N					

R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

(1) Glazing performance values are calculated based on NFRC 100, NFRC 200 and NFRC 500. ENERGY STAR® values are updated to 2023 (version 7) criteria.

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Lifestyle Series Casement

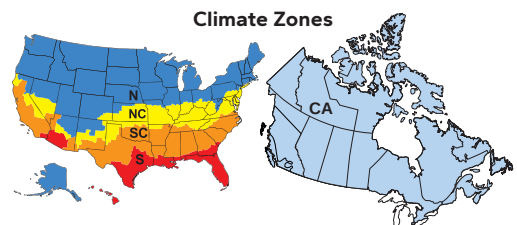
Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown						
			Ext.	Int.		U-Factor	SHGC	VLT	CR	U. S.				Canada ₂		
										Zone				ER	Zone	
Dual-Pane Vent – High Altitude Glazing											N	NC	SC	S	CA	
11/16"	Advanced LowE IG	PEL-N-14-00673-00001	2.5	2.5	Air	0.32	0.28	0.51	55							
	with grilles-between-the-glass	PEL-N-14-00674-00001				0.32	0.25	0.47	55							
	with Simulated Divided Light	PEL-N-14-00675-00001				0.32	0.25	0.47	55							
11/16"	Advanced LowE IG	PEL-N-14-00681-00001	3	3	Air	0.32	0.28	0.51	54							
	with grilles-between-the-glass	PEL-N-14-00682-00001				0.32	0.25	0.46	54							
	with Simulated Divided Light	PEL-N-14-00683-00001				0.33	0.25	0.46	54							
11/16"	SunDefense™ Low-E IG	PEL-N-14-00773-00001	2.5	2.5	Air	0.31	0.21	0.48	55				S			
	with grilles-between-the-glass	PEL-N-14-00774-00001				0.31	0.19	0.43	55				S			
	with Simulated Divided Light	PEL-N-14-00775-00001				0.32	0.19	0.43	55				S			
11/16"	SunDefense Low-E IG	PEL-N-14-00781-00001	3	3	Air	0.32	0.21	0.47	54				S			
	with grilles-between-the-glass	PEL-N-14-00782-00001				0.32	0.19	0.43	54				S			
	with Simulated Divided Light	PEL-N-14-00783-00001				0.32	0.19	0.43	54				S			
11/16"	SunDefense+ Low-E IG	PEL-N-14-01085-00001	2.5	2.5	Air	0.27	0.20	0.47	43			SC	S			
	with grilles-between-the-glass	PEL-N-14-01086-00001				0.27	0.19	0.42	43			SC	S			
	with Simulated Divided Light	PEL-N-14-01087-00001				0.27	0.19	0.42	43			SC	S			
11/16"	SunDefense+ Low-E IG	PEL-N-14-01093-00001	3	3	Air	0.27	0.20	0.46	41			SC	S			
	with grilles-between-the-glass	PEL-N-14-01094-00001				0.27	0.19	0.42	42			SC	S			
	with Simulated Divided Light	PEL-N-14-01095-00001				0.28	0.19	0.42	42			SC	S			
11/16"	AdvancedComfort Low-E IG	PEL-N-14-00733-00001	2.5	2.5	Air	0.27	0.27	0.50	43							
	with grilles-between-the-glass	PEL-N-14-00734-00001				0.27	0.25	0.46	43							
	with Simulated Divided Light	PEL-N-14-00735-00001				0.28	0.25	0.46	43							
11/16"	AdvancedComfort Low-E IG	PEL-N-14-00741-00001	3	3	Air	0.27	0.27	0.50	42							
	with grilles-between-the-glass	PEL-N-14-00742-00001				0.27	0.25	0.45	42							
	with Simulated Divided Light	PEL-N-14-00743-00001				0.28	0.25	0.45	42							
11/16"	NaturalSun LowE IG	PEL-N-14-00633-00001	2.5	2.5	Air	0.33	0.51	0.58	54							
	with grilles-between-the-glass	PEL-N-14-00634-00001				0.33	0.47	0.53	54							
	with Simulated Divided Light	PEL-N-14-00635-00001				0.33	0.47	0.53	54							
11/16"	NaturalSun LowE IG	PEL-N-14-00641-00001	3	3	Air	0.33	0.50	0.58	54							
	with grilles-between-the-glass	PEL-N-14-00642-00001				0.33	0.46	0.52	54							
	with Simulated Divided Light	PEL-N-14-00643-00001				0.34	0.46	0.52	54							
11/16"	NaturalSun+ LowE IG	PEL-N-14-01061-00001	2.5	2.5	Air	0.28	0.47	0.57	41							
	with grilles-between-the-glass	PEL-N-14-01062-00001				0.28	0.43	0.52	41							
	with Simulated Divided Light	PEL-N-14-01063-00001				0.29	0.43	0.52	41							
11/16"	NaturalSun+ LowE IG	PEL-N-14-01069-00001	3	3	Air	0.28	0.46	0.56	40							
	with grilles-between-the-glass	PEL-N-14-01070-00001				0.28	0.42	0.51	41							
	with Simulated Divided Light	PEL-N-14-01071-00001				0.29	0.42	0.51	41							

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Lifestyle Series Casement

Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown ²					
			ENCt.	Int.		U-Factor	SHGC	VLT	CR	U. S.				Canada ₂	
										Zone				ER	Zone
Dual-Pane Fixed										N	NC	SC	S	CA	
11/16"	Advanced LowE IG	PEL-N-229-00861-00001	2.5	2.5	argon	0.27	0.31	0.58	58						
	with grilles-between-the-glass	PEL-N-229-00862-00001				0.27	0.28	0.52	58						
	with Simulated Divided Light	PEL-N-229-00863-00001				0.28	0.28	0.52	58						
11/16"	Advanced LowE IG	PEL-N-229-00949-00001	3	3	argon	0.27	0.31	0.58	57						
	with grilles-between-the-glass	PEL-N-229-00950-00001				0.27	0.28	0.51	57						
	with Simulated Divided Light	PEL-N-229-00951-00001				0.28	0.28	0.51	57						
11/16"	Advanced LowE IG	PEL-N-229-00965-00001	4	4	argon	0.28	0.30	0.57	55						
	with grilles-between-the-glass	PEL-N-229-00966-00001				0.29	0.28	0.51	55						
	with Simulated Divided Light	PEL-N-229-00967-00001				0.29	0.28	0.51	55						
11/16"	SunDefense™ Low-E IG	PEL-N-229-01045-00001	2.5	2.5	argon	0.27	0.23	0.54	58			SC	S		
	with grilles-between-the-glass	PEL-N-229-01046-00001				0.27	0.21	0.48	58			SC	S		
	with Simulated Divided Light	PEL-N-229-01047-00001				0.28	0.21	0.48	58			SC	S		
11/16"	SunDefense Low-E IG	PEL-N-229-01053-00001	3	3	argon	0.27	0.23	0.53	57			SC	S		
	with grilles-between-the-glass	PEL-N-229-01054-00001				0.27	0.21	0.48	57			SC	S		
	with Simulated Divided Light	PEL-N-229-01055-00001				0.28	0.21	0.48	57			SC	S		
11/16"	SunDefense Low-E IG	PEL-N-229-01061-00001	4	4	argon	0.28	0.23	0.53	55			SC	S		
	with grilles-between-the-glass	PEL-N-229-01062-00001				0.29	0.21	0.47	55				S		
	with Simulated Divided Light	PEL-N-229-01063-00001				0.29	0.21	0.47	55				S		
11/16"	SunDefense+ Low-E IG	PEL-N-229-01493-00001	2.5	2.5	argon	0.23	0.22	0.53	46		NC	SC	S		
	with grilles-between-the-glass	PEL-N-229-01494-00001				0.23	0.20	0.47	46		NC	SC	S		
	with Simulated Divided Light	PEL-N-229-01495-00001				0.24	0.20	0.47	46		NC	SC	S		
11/16"	SunDefense+ Low-E IG	PEL-N-229-01501-00001	3	3	argon	0.23	0.22	0.52	45		NC	SC	S		
	with grilles-between-the-glass	PEL-N-229-01502-00001				0.23	0.20	0.47	45		NC	SC	S		
	with Simulated Divided Light	PEL-N-229-01503-00001				0.24	0.20	0.47	45		NC	SC	S		
11/16"	SunDefense+ Low-E IG	PEL-N-229-01509-00001	4	4	argon	0.24	0.22	0.52	43		NC	SC	S		
	with grilles-between-the-glass	PEL-N-229-01510-00001				0.25	0.20	0.46	43		NC	SC	S		
	with Simulated Divided Light	PEL-N-229-01511-00001				0.25	0.20	0.46	43		NC	SC	S		
11/16"	AdvancedComfort Low-E IG	PEL-N-229-00997-00001	2.5	2.5	argon	0.23	0.30	0.57	46		NC				
	with grilles-between-the-glass	PEL-N-229-00998-00001				0.23	0.27	0.51	46		NC				
	with Simulated Divided Light	PEL-N-229-00999-00001				0.24	0.27	0.51	46		NC				
11/16"	AdvancedComfort Low-E IG	PEL-N-229-01005-00001	3	3	argon	0.23	0.30	0.56	45		NC				
	with grilles-between-the-glass	PEL-N-229-01006-00001				0.23	0.27	0.50	45		NC				
	with Simulated Divided Light	PEL-N-229-01007-00001				0.24	0.27	0.50	45		NC				
11/16"	AdvancedComfort Low-E IG	PEL-N-229-01013-00001	4	4	argon	0.24	0.30	0.55	43		NC				
	with grilles-between-the-glass	PEL-N-229-01014-00001				0.25	0.27	0.50	43		NC				
	with Simulated Divided Light	PEL-N-229-01015-00001				0.25	0.27	0.50	43		NC				
11/16"	NaturalSun LowE IG	PEL-N-229-00901-00001	2.5	2.5	argon	0.28	0.58	0.66	57					38	CA
	with grilles-between-the-glass	PEL-N-229-00902-00001				0.28	0.52	0.59	57					35	CA
	with Simulated Divided Light	PEL-N-229-00903-00001				0.29	0.52	0.59	57					34	CA
11/16"	NaturalSun LowE IG	PEL-N-229-00909-00001	3	3	argon	0.28	0.57	0.65	56					38	CA
	with grilles-between-the-glass	PEL-N-229-00910-00001				0.28	0.51	0.58	56					34	CA
	with Simulated Divided Light	PEL-N-229-00911-00001				0.29	0.51	0.58	56						
11/16"	NaturalSun LowE IG	PEL-N-229-00917-00001	4	4	argon	0.29	0.55	0.65	55					35	CA
	with grilles-between-the-glass	PEL-N-229-00918-00001				0.30	0.50	0.58	55						
	with Simulated Divided Light	PEL-N-229-00919-00001				0.30	0.50	0.58	55						
11/16"	NaturalSun+ LowE IG	PEL-N-229-01445-00001	2.5	2.5	argon	0.24	0.53	0.64	45	N				41	CA
	with grilles-between-the-glass	PEL-N-229-01446-00001				0.24	0.47	0.58	45	N				37	CA
	with Simulated Divided Light	PEL-N-229-01447-00001				0.25	0.47	0.58	45	N				36	CA
11/16"	NaturalSun+ LowE IG	PEL-N-229-01453-00001	3	3	argon	0.24	0.52	0.64	44	N				40	CA
	with grilles-between-the-glass	PEL-N-229-01454-00001				0.24	0.46	0.57	44	N				37	CA
	with Simulated Divided Light	PEL-N-229-01455-00001				0.25	0.46	0.57	44	N				35	CA
11/16"	NaturalSun+ LowE IG	PEL-N-229-01461-00001	4	4	argon	0.25	0.50	0.63	42	N				38	CA
	with grilles-between-the-glass	PEL-N-229-01462-00001				0.26	0.45	0.56	42	N					
	with Simulated Divided Light	PEL-N-229-01463-00001				0.26	0.45	0.56	42	N					

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VLT % = Visible Light Transmission
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Lifestyle Series Casement

Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			Ext.	Int.		U-Factor	SHGC	VLT	CR	U. S.				Canada ₂	
										Zone				ER	Zone
Dual-Pane Fixed – High Altitude Glazing										N	NC	SC	S	CA	
11/16"	Advanced LowE IG	PEL-N-229-00857-00001	2.5	2.5	air	0.31	0.31	0.58	54						
	with grilles-between-the-glass	PEL-N-229-00858-00001				0.31	0.28	0.52	54						
	with Simulated Divided Light	PEL-N-229-00859-00001				0.32	0.28	0.52	54						
11/16"	Advanced LowE IG	PEL-N-229-00945-00001	3	3	air	0.31	0.31	0.58	53						
	with grilles-between-the-glass	PEL-N-229-00946-00001				0.31	0.28	0.51	53						
	with Simulated Divided Light	PEL-N-229-00947-00001				0.32	0.28	0.51	53						
11/16"	Advanced LowE IG	PEL-N-229-00961-00001	4	4	air	0.33	0.31	0.57	51						
	with grilles-between-the-glass	PEL-N-229-00962-00001				0.34	0.28	0.51	51						
	with Simulated Divided Light	PEL-N-229-00963-00001				0.34	0.28	0.51	51						
11/16"	SunDefense™ Low-E IG	PEL-N-229-01041-00001	2.5	2.5	air	0.31	0.23	0.54	55				S		
	with grilles-between-the-glass	PEL-N-229-01042-00001				0.31	0.21	0.48	55				S		
	with Simulated Divided Light	PEL-N-229-01043-00001				0.28	0.21	0.48	53			SC	S		
11/16"	SunDefense Low-E IG	PEL-N-229-01049-00001	3	3	air	0.31	0.23	0.53	54				S		
	with grilles-between-the-glass	PEL-N-229-01050-00001				0.31	0.21	0.48	54				S		
	with Simulated Divided Light	PEL-N-229-01051-00001				0.32	0.21	0.48	54				S		
11/16"	SunDefense Low-E IG	PEL-N-229-01057-00001	4	4	air	0.32	0.23	0.53	52				S		
	with grilles-between-the-glass	PEL-N-229-01058-00001				0.34	0.21	0.47	52						
	with Simulated Divided Light	PEL-N-229-01059-00001				0.34	0.21	0.47	52						
11/16"	SunDefense+ Low-E IG	PEL-N-229-01489-00001	2.5	2.5	air	0.25	0.23	0.53	42		NC	SC	S		
	with grilles-between-the-glass	PEL-N-229-01490-00001				0.25	0.21	0.47	42		NC	SC	S		
	with Simulated Divided Light	PEL-N-229-01491-00001				0.26	0.21	0.47	42			SC	S		
11/16"	SunDefense+ Low-E IG	PEL-N-229-01497-00001	3	3	air	0.26	0.23	0.52	41			SC	S		
	with grilles-between-the-glass	PEL-N-229-01498-00001				0.26	0.21	0.47	41			SC	S		
	with Simulated Divided Light	PEL-N-229-01499-00001				0.27	0.21	0.47	41			SC	S		
11/16"	SunDefense+ Low-E IG	PEL-N-229-01505-00001	4	4	air	0.27	0.23	0.52	39			SC	S		
	with grilles-between-the-glass	PEL-N-229-01506-00001				0.28	0.21	0.46	39			SC	S		
	with Simulated Divided Light	PEL-N-229-01507-00001				0.28	0.21	0.46	39			SC	S		
11/16"	AdvancedComfort Low-E IG	PEL-N-229-00993-00001	2.5	2.5	air	0.26	0.30	0.57	42						
	with grilles-between-the-glass	PEL-N-229-00994-00001				0.26	0.27	0.51	42						
	with Simulated Divided Light	PEL-N-229-00995-00001				0.26	0.27	0.51	42						
11/16"	AdvancedComfort Low-E IG	PEL-N-229-01001-00001	3	3	air	0.26	0.30	0.56	41						
	with grilles-between-the-glass	PEL-N-229-01002-00001				0.26	0.27	0.50	41						
	with Simulated Divided Light	PEL-N-229-01003-00001				0.27	0.27	0.50	41						
11/16"	AdvancedComfort Low-E IG	PEL-N-229-01009-00001	4	4	air	0.27	0.30	0.55	39						
	with grilles-between-the-glass	PEL-N-229-01010-00001				0.28	0.27	0.50	39						
	with Simulated Divided Light	PEL-N-229-01011-00001				0.28	0.27	0.50	39						
11/16"	NaturalSun LowE IG	PEL-N-229-00897-00001	2.5	2.5	air	0.32	0.57	0.66	54						
	with grilles-between-the-glass	PEL-N-229-00898-00001				0.32	0.52	0.59	54						
	with Simulated Divided Light	PEL-N-229-00899-00001				0.33	0.52	0.59	54						
11/16"	NaturalSun LowE IG	PEL-N-229-00905-00001	3	3	air	0.32	0.56	0.65	53						
	with grilles-between-the-glass	PEL-N-229-00906-00001				0.32	0.51	0.58	53						
	with Simulated Divided Light	PEL-N-229-00907-00001				0.33	0.51	0.58	53						
11/16"	NaturalSun LowE IG	PEL-N-229-00913-00001	4	4	air	0.34	0.55	0.65	51						
	with grilles-between-the-glass	PEL-N-229-00914-00001				0.35	0.49	0.58	51						
	with Simulated Divided Light	PEL-N-229-00915-00001				0.35	0.49	0.58	51						
11/16"	NaturalSun+ LowE IG	PEL-N-229-01441-00001	2.5	2.5	air	0.26	0.52	0.64	41	N				37	CA
	with grilles-between-the-glass	PEL-N-229-01442-00001				0.26	0.47	0.58	41	N				35	CA
	with Simulated Divided Light	PEL-N-229-01443-00001				0.27	0.47	0.58	41						
11/16"	NaturalSun+ LowE IG	PEL-N-229-01449-00001	3	3	air	0.27	0.51	0.64	40					36	CA
	with grilles-between-the-glass	PEL-N-229-01450-00001				0.27	0.46	0.57	40						
	with Simulated Divided Light	PEL-N-229-01451-00001				0.28	0.46	0.57	40						
11/16"	NaturalSun+ LowE IG	PEL-N-229-01457-00001	4	4	air	0.28	0.50	0.63	38					34	CA
	with grilles-between-the-glass	PEL-N-229-01458-00001				0.29	0.45	0.56	38						
	with Simulated Divided Light	PEL-N-229-01459-00001				0.29	0.45	0.56	38						

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Lifestyle Series Casement

Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	PENDING NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown ²							
			Ext.	Mid	Int.		U-Factor ₁	SHGC	VLT	CR	U. S.				Canada ₂			
											Zone				ER	Zone		
Triple-Pane Vent with Clear HGP											N	NC	SC	S	CA			
11/16"	Advanced Low-E IG	PEL-N-245-00361-00001	2.5	2.5	2.5	argon	0.24	0.27	0.50	69		NC						
11/16"	Advanced Low-E IG w/ GBG	PEL-N-245-00362-00001	2.5	2.5	2.5	argon	0.24	0.24	0.44	69		NC						
11/16"	Advanced Low-E IG w/ SDL	PEL-N-245-00362-00002	2.5	2.5	2.5	argon	0.24	0.24	0.44	69		NC						
11/16"	Advanced Low-E IG	PEL-N-245-00363-00001	3	3	3	argon	0.24	0.27	0.49	69		NC						
11/16"	Advanced Low-E IG w/ GBG	PEL-N-245-00364-00001	3	3	3	argon	0.24	0.24	0.44	69		NC						
11/16"	Advanced Low-E IG w/ SDL	PEL-N-245-00364-00002	3	3	3	argon	0.24	0.24	0.44	69		NC						
11/16"	Advanced Low-E IG	PEL-N-245-00441-00001	5	3	4	argon	0.25	0.26	0.48	67		NC						
11/16"	Advanced Low-E IG w/ GBG	PEL-N-245-00442-00001	5	3	4	argon	0.25	0.24	0.43	67		NC						
11/16"	Advanced Low-E IG w/ SDL	PEL-N-245-00442-00002	5	3	4	argon	0.25	0.24	0.43	67		NC						
11/16"	AdvancedComfort Low-E IG	PEL-N-245-00269-00001	2.5	2.5	2.5	argon	0.20	0.26	0.49	74	N	NC			30	CA		
11/16"	AdvancedComfort Low-E IG w/ GBG	PEL-N-245-00270-00001	2.5	2.5	2.5	argon	0.20	0.24	0.43	74	N	NC			29	CA		
11/16"	AdvancedComfort Low-E IG w/ SDL	PEL-N-245-00270-00002	2.5	2.5	2.5	argon	0.20	0.24	0.43	74	N	NC			29	CA		
11/16"	AdvancedComfort Low-E IG	PEL-N-245-00271-00001	3	3	3	argon	0.20	0.26	0.48	74	N	NC			30	CA		
11/16"	AdvancedComfort Low-E IG w/ GBG	PEL-N-245-00272-00001	3	3	3	argon	0.20	0.23	0.43	74	N	NC	SC	S	28	CA		
11/16"	AdvancedComfort Low-E IG w/ SDL	PEL-N-245-00272-00002	3	3	3	argon	0.20	0.23	0.43	74	N	NC	SC	S	28	CA		
11/16"	AdvancedComfort Low-E IG	PEL-N-245-00333-00001	5	3	4	argon	0.20	0.25	0.47	74	N	NC			29	CA		
11/16"	AdvancedComfort Low-E IG w/ GBG	PEL-N-245-00334-00001	5	3	4	argon	0.21	0.23	0.42	74	N	NC	SC	S	27	CA		
11/16"	AdvancedComfort Low-E IG w/ SDL	PEL-N-245-00334-00002	5	3	4	argon	0.21	0.23	0.42	74	N	NC	SC	S	27	CA		
11/16"	SunDefense™ Low-E IG	PEL-N-245-00385-00001	2.5	2.5	2.5	argon	0.23	0.20	0.46	69		NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ GBG	PEL-N-245-00386-00001	2.5	2.5	2.5	argon	0.23	0.18	0.41	69		NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ SDL	PEL-N-245-00386-00002	2.5	2.5	2.5	argon	0.23	0.18	0.41	69		NC	SC	S				
11/16"	SunDefense™ Low-E IG	PEL-N-245-00387-00001	3	3	3	argon	0.24	0.20	0.45	69		NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ GBG	PEL-N-245-00388-00001	3	3	3	argon	0.24	0.18	0.41	69		NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ SDL	PEL-N-245-00388-00002	3	3	3	argon	0.24	0.18	0.41	69		NC	SC	S				
11/16"	SunDefense™ Low-E IG	PEL-N-245-00457-00001	5	3	4	argon	0.24	0.20	0.45	67		NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ GBG	PEL-N-245-00458-00001	5	3	4	argon	0.25	0.18	0.40	67		NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ SDL	PEL-N-245-00458-00002	5	3	4	argon	0.25	0.18	0.40	67		NC	SC	S				
11/16"	SunDefense+ Low-E IG	PEL-N-245-00281-00001	2.5	2.5	2.5	argon	0.19	0.19	0.45	74	N	NC	SC	S	27	CA		
11/16"	SunDefense+ Low-E IG w/ GBG	PEL-N-245-00282-00001	2.5	2.5	2.5	argon	0.19	0.18	0.40	74	N	NC	SC	S	26	CA		
11/16"	SunDefense+ Low-E IG w/ SDL	PEL-N-245-00282-00002	2.5	2.5	2.5	argon	0.19	0.18	0.40	74	N	NC	SC	S	26	CA		
11/16"	SunDefense+ Low-E IG	PEL-N-245-00283-00001	3	3	3	argon	0.20	0.19	0.44	74	N	NC	SC	S	26	CA		
11/16"	SunDefense+ Low-E IG w/ GBG	PEL-N-245-00284-00001	3	3	3	argon	0.20	0.18	0.40	74	N	NC	SC	S	25	CA		
11/16"	SunDefense+ Low-E IG w/ SDL	PEL-N-245-00284-00002	3	3	3	argon	0.20	0.18	0.40	74	N	NC	SC	S	25	CA		
11/16"	SunDefense+ Low-E IG	PEL-N-245-00341-00001	5	3	4	argon	0.20	0.19	0.44	74	N	NC	SC	S	26	CA		
11/16"	SunDefense+ Low-E IG w/ GBG	PEL-N-245-00342-00001	5	3	4	argon	0.21	0.18	0.39	74	N	NC	SC	S	24	CA		
11/16"	SunDefense+ Low-E IG w/ SDL	PEL-N-245-00342-00002	5	3	4	argon	0.21	0.18	0.39	74	N	NC	SC	S	24	CA		
11/16"	NaturalSun Low-E IG	PEL-N-245-00349-00001	2.5	2.5	2.5	argon	0.24	0.50	0.56	68	N				39	CA		
11/16"	NaturalSun Low-E IG w/ GBG	PEL-N-245-00350-00001	2.5	2.5	2.5	argon	0.24	0.45	0.50	68	N				36	CA		
11/16"	NaturalSun Low-E IG w/ SDL	PEL-N-245-00350-00002	2.5	2.5	2.5	argon	0.24	0.45	0.50	68	N				36	CA		
11/16"	NaturalSun Low-E IG	PEL-N-245-00351-00001	3	3	3	argon	0.24	0.49	0.56	68	N				38	CA		
11/16"	NaturalSun Low-E IG w/ GBG	PEL-N-245-00352-00001	3	3	3	argon	0.24	0.44	0.50	68	N				35	CA		
11/16"	NaturalSun Low-E IG w/ SDL	PEL-N-245-00352-00002	3	3	3	argon	0.24	0.44	0.50	68	N				35	CA		
11/16"	NaturalSun Low-E IG	PEL-N-245-00433-00001	5	3	4	argon	0.25	0.47	0.55	66	N				36	CA		
11/16"	NaturalSun Low-E IG w/ GBG	PEL-N-245-00434-00001	5	3	4	argon	0.26	0.42	0.49	66	N							
11/16"	NaturalSun Low-E IG w/ SDL	PEL-N-245-00434-00002	5	3	4	argon	0.26	0.42	0.49	66	N							
11/16"	NaturalSun+ Low-E IG	PEL-N-245-00257-00001	2.5	2.5	2.5	argon	0.20	0.45	0.55	74	N				41	CA		
11/16"	NaturalSun+ Low-E IG w/ GBG	PEL-N-245-00258-00001	2.5	2.5	2.5	argon	0.20	0.41	0.49	74	N				38	CA		
11/16"	NaturalSun+ Low-E IG w/ SDL	PEL-N-245-00258-00002	2.5	2.5	2.5	argon	0.20	0.41	0.49	74	N				38	CA		
11/16"	NaturalSun+ Low-E IG	PEL-N-245-00259-00001	3	3	3	argon	0.20	0.44	0.54	74	N				40	CA		
11/16"	NaturalSun+ Low-E IG w/ GBG	PEL-N-245-00260-00001	3	3	3	argon	0.20	0.40	0.48	74	N	NC			38	CA		
11/16"	NaturalSun+ Low-E IG w/ SDL	PEL-N-245-00260-00002	3	3	3	argon	0.20	0.40	0.48	74	N	NC			38	CA		
11/16"	NaturalSun+ Low-E IG	PEL-N-245-00325-00001	5	3	4	argon	0.21	0.42	0.54	74	N				38	CA		
11/16"	NaturalSun+ Low-E IG w/ GBG	PEL-N-245-00326-00001	5	3	4	argon	0.21	0.38	0.48	74	N	NC			35	CA		
11/16"	NaturalSun+ Low-E IG w/ SDL	PEL-N-245-00326-00002	5	3	4	argon	0.21	0.38	0.48	74	N	NC			35	CA		

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Visit www.energystar.gov for Energy Star guidelines.

R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating



Lifestyle Series Casement

Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown ²					
			Ext.	Mid	Int.		U-Factor ₁	SHGC	VLT	CR	U. S.				Canada ₂	
											Zone				ER	Zone
Triple-Pane Vent with High Altitude Glazing and Clear HGP											N	NC	SC	S	CA	
11/16"	Advanced Low-E HA IG	PEL-N-245-00367-00001	2.5	2.5	2.5	air	0.25	0.27	0.50	67		NC				
11/16"	Advanced Low-E HA IG w/ GBG	PEL-N-245-00368-00001	2.5	2.5	2.5	air	0.25	0.24	0.44	67		NC				
11/16"	Advanced Low-E HA IG w/ SDL	PEL-N-245-00368-00002	2.5	2.5	2.5	air	0.25	0.24	0.44	67		NC				
11/16"	Advanced Low-E HA IG	PEL-N-245-00369-00001	3	3	3	air	0.26	0.27	0.49	66						
11/16"	Advanced Low-E HA IG w/ GBG	PEL-N-245-00370-00001	3	3	3	air	0.26	0.24	0.44	66						
11/16"	Advanced Low-E HA IG w/ SDL	PEL-N-245-00370-00002	3	3	3	air	0.26	0.24	0.44	66						
11/16"	Advanced Low-E HA IG	PEL-N-245-00445-00001	5	3	4	air	0.27	0.26	0.48	65						
11/16"	Advanced Low-E HA IG w/ GBG	PEL-N-245-00446-00001	5	3	4	air	0.27	0.24	0.43	65						
11/16"	Advanced Low-E HA IG w/ SDL	PEL-N-245-00446-00002	5	3	4	air	0.27	0.24	0.43	65						
11/16"	AdvancedComfort Low-E HA IG	PEL-N-245-00275-00001	2.5	2.5	2.5	air	0.21	0.26	0.49	74	N	NC			29	CA
11/16"	AdvancedComfort Low-E HA IG w/ GBG	PEL-N-245-00276-00001	2.5	2.5	2.5	air	0.21	0.24	0.43	74	N	NC			27	CA
11/16"	AdvancedComfort Low-E HA IG w/ SDL	PEL-N-245-00276-00002	2.5	2.5	2.5	air	0.21	0.24	0.43	74	N	NC			27	CA
11/16"	AdvancedComfort Low-E HA IG	PEL-N-245-00277-00001	3	3	3	air	0.21	0.26	0.48	74	N	NC			29	CA
11/16"	AdvancedComfort Low-E HA IG w/ GBG	PEL-N-245-00278-00001	3	3	3	air	0.21	0.23	0.43	74	N	NC	SC	S	27	CA
11/16"	AdvancedComfort Low-E HA IG w/ SDL	PEL-N-245-00278-00002	3	3	3	air	0.21	0.23	0.43	74	N	NC	SC	S	27	CA
11/16"	AdvancedComfort Low-E HA IG	PEL-N-245-00337-00001	5	3	4	air	0.22	0.25	0.47	72	N	NC				
11/16"	AdvancedComfort Low-E HA IG w/ GBG	PEL-N-245-00338-00001	5	3	4	air	0.22	0.23	0.42	72	N	NC	SC	S		
11/16"	AdvancedComfort Low-E HA IG w/ SDL	PEL-N-245-00338-00002	5	3	4	air	0.22	0.23	0.42	72	N	NC	SC	S		
11/16"	SunDefense™ Low-E HA IG	PEL-N-245-00391-00001	2.5	2.5	2.5	air	0.25	0.20	0.46	67		NC	SC	S		
11/16"	SunDefense™ Low-E HA IG w/ GBG	PEL-N-245-00392-00001	2.5	2.5	2.5	air	0.25	0.18	0.41	67		NC	SC	S		
11/16"	SunDefense™ Low-E HA IG w/ SDL	PEL-N-245-00392-00002	2.5	2.5	2.5	air	0.25	0.18	0.41	67		NC	SC	S		
11/16"	SunDefense™ Low-E HA IG	PEL-N-245-00393-00001	3	3	3	air	0.26	0.20	0.45	66			SC	S		
11/16"	SunDefense™ Low-E HA IG w/ GBG	PEL-N-245-00394-00001	3	3	3	air	0.26	0.18	0.41	66			SC	S		
11/16"	SunDefense™ Low-E HA IG w/ SDL	PEL-N-245-00394-00002	3	3	3	air	0.26	0.18	0.41	66			SC	S		
11/16"	SunDefense™ Low-E HA IG	PEL-N-245-00461-00001	5	3	4	air	0.27	0.20	0.45	65			SC	S		
11/16"	SunDefense™ Low-E HA IG w/ GBG	PEL-N-245-00462-00001	5	3	4	air	0.27	0.18	0.40	65			SC	S		
11/16"	SunDefense™ Low-E HA IG w/ SDL	PEL-N-245-00462-00002	5	3	4	air	0.27	0.18	0.40	65			SC	S		
11/16"	SunDefense+ Low-E HA IG	PEL-N-245-00287-00001	2.5	2.5	2.5	air	0.21	0.19	0.45	74	N	NC	SC	S	25	CA
11/16"	SunDefense+ Low-E HA IG w/ GBG	PEL-N-245-00288-00001	2.5	2.5	2.5	air	0.21	0.18	0.40	74	N	NC	SC	S	24	CA
11/16"	SunDefense+ Low-E HA IG w/ SDL	PEL-N-245-00288-00002	2.5	2.5	2.5	air	0.21	0.18	0.40	74	N	NC	SC	S	24	CA
11/16"	SunDefense+ Low-E HA IG	PEL-N-245-00289-00001	3	3	3	air	0.21	0.19	0.44	74	N	NC	SC	S	25	CA
11/16"	SunDefense+ Low-E HA IG w/ GBG	PEL-N-245-00290-00001	3	3	3	air	0.21	0.18	0.40	74	N	NC	SC	S	24	CA
11/16"	SunDefense+ Low-E HA IG w/ SDL	PEL-N-245-00290-00002	3	3	3	air	0.21	0.18	0.40	74	N	NC	SC	S	24	CA
11/16"	SunDefense+ Low-E HA IG	PEL-N-245-00345-00001	5	3	4	air	0.22	0.19	0.44	73	N	NC	SC	S		
11/16"	SunDefense+ Low-E HA IG w/ GBG	PEL-N-245-00346-00001	5	3	4	air	0.22	0.18	0.39	73	N	NC	SC	S		
11/16"	SunDefense+ Low-E HA IG w/ SDL	PEL-N-245-00346-00002	5	3	4	air	0.22	0.18	0.39	73	N	NC	SC	S		
11/16"	NaturalSun Low-E HA IG	PEL-N-245-00355-00001	2.5	2.5	2.5	air	0.26	0.49	0.56	66	N				35	CA
11/16"	NaturalSun Low-E HA IG w/ GBG	PEL-N-245-00356-00001	2.5	2.5	2.5	air	0.26	0.44	0.50	66	N					
11/16"	NaturalSun Low-E HA IG w/ SDL	PEL-N-245-00356-00002	2.5	2.5	2.5	air	0.26	0.44	0.50	66	N					
11/16"	NaturalSun Low-E HA IG	PEL-N-245-00357-00001	3	3	3	air	0.26	0.48	0.56	66	N				35	CA
11/16"	NaturalSun Low-E HA IG w/ GBG	PEL-N-245-00358-00001	3	3	3	air	0.26	0.43	0.50	66	N					
11/16"	NaturalSun Low-E HA IG w/ SDL	PEL-N-245-00358-00002	3	3	3	air	0.26	0.43	0.50	66	N					
11/16"	NaturalSun Low-E HA IG	PEL-N-245-00437-00001	5	3	4	air	0.27	0.47	0.55	64						
11/16"	NaturalSun Low-E HA IG w/ GBG	PEL-N-245-00438-00001	5	3	4	air	0.28	0.42	0.49	64						
11/16"	NaturalSun Low-E HA IG w/ SDL	PEL-N-245-00438-00002	5	3	4	air	0.28	0.42	0.49	64						
11/16"	NaturalSun+ Low-E HA IG	PEL-N-245-00263-00001	2.5	2.5	2.5	air	0.21	0.45	0.55	74	N				40	CA
11/16"	NaturalSun+ Low-E HA IG w/ GBG	PEL-N-245-00264-00001	2.5	2.5	2.5	air	0.21	0.40	0.49	74	N	NC			37	CA
11/16"	NaturalSun+ Low-E HA IG w/ SDL	PEL-N-245-00264-00002	2.5	2.5	2.5	air	0.21	0.40	0.49	74	N	NC			37	CA
11/16"	NaturalSun+ Low-E HA IG	PEL-N-245-00265-00001	3	3	3	air	0.22	0.44	0.54	73	N				38	CA
11/16"	NaturalSun+ Low-E HA IG w/ GBG	PEL-N-245-00266-00001	3	3	3	air	0.22	0.39	0.48	73	N	NC			35	CA
11/16"	NaturalSun+ Low-E HA IG w/ SDL	PEL-N-245-00266-00002	3	3	3	air	0.22	0.39	0.48	73	N	NC			35	CA
11/16"	NaturalSun+ Low-E HA IG	PEL-N-245-00329-00001	5	3	4	air	0.22	0.42	0.54	72	N				36	CA
11/16"	NaturalSun+ Low-E HA IG w/ GBG	PEL-N-245-00330-00001	5	3	4	air	0.23	0.38	0.48	72	N	NC				
11/16"	NaturalSun+ Low-E HA IG w/ SDL	PEL-N-245-00330-00002	5	3	4	air	0.23	0.38	0.48	72	N	NC				

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SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating



Lifestyle Series Casement

Glazing Performance - Total Unit

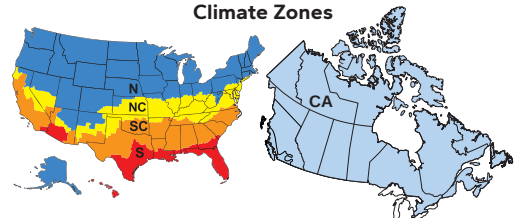
Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown							
			Ext.	Mid	Int.		U-Factor ₁	SHGC	VLT	CR	U. S.				Canada ₂			
											Zone				ER	Zone		
Triple-Pane Fixed with Clear HGP											N	NC	SC	S	CA			
11/16"	Advanced Low-E IG	PEL-N-244-00361-00001	2.5	2.5	2.5	argon	0.22	0.27	0.50	69	N	NC						
11/16"	Advanced Low-E IG w/ GBG	PEL-N-244-00362-00001	2.5	2.5	2.5	argon	0.22	0.24	0.44	69	N	NC						
11/16"	Advanced Low-E IG w/ SDL	PEL-N-244-00362-00002	2.5	2.5	2.5	argon	0.22	0.24	0.44	69	N	NC						
11/16"	Advanced Low-E IG	PEL-N-244-00363-00001	3	3	3	argon	0.22	0.27	0.49	69	N	NC						
11/16"	Advanced Low-E IG w/ GBG	PEL-N-244-00364-00001	3	3	3	argon	0.22	0.24	0.44	69	N	NC						
11/16"	Advanced Low-E IG w/ SDL	PEL-N-244-00364-00002	3	3	3	argon	0.22	0.24	0.44	69	N	NC						
11/16"	Advanced Low-E IG	PEL-N-244-00365-00001	4	4	4	argon	0.23	0.26	0.48	67		NC						
11/16"	Advanced Low-E IG w/ GBG	PEL-N-244-00366-00001	4	4	4	argon	0.24	0.24	0.43	67		NC						
11/16"	Advanced Low-E IG w/ SDL	PEL-N-244-00366-00002	4	4	4	argon	0.24	0.24	0.43	67		NC						
11/16"	Advanced Low-E IG	PEL-N-244-00441-00001	5	3	4	argon	0.23	0.26	0.48	68		NC						
11/16"	Advanced Low-E IG w/ GBG	PEL-N-244-00442-00001	5	3	4	argon	0.24	0.24	0.43	68		NC						
11/16"	Advanced Low-E IG w/ SDL	PEL-N-244-00442-00002	5	3	4	argon	0.24	0.24	0.43	68		NC						
11/16"	AdvancedComfort Low-E IG	PEL-N-244-00269-00001	2.5	2.5	2.5	argon	0.18	0.26	0.49	74	N	NC			32	CA		
11/16"	AdvancedComfort Low-E IG w/ GBG	PEL-N-244-00270-00001	2.5	2.5	2.5	argon	0.18	0.24	0.43	74	N	NC			31	CA		
11/16"	AdvancedComfort Low-E IG w/ SDL	PEL-N-244-00270-00002	2.5	2.5	2.5	argon	0.18	0.24	0.43	74	N	NC			31	CA		
11/16"	AdvancedComfort Low-E IG	PEL-N-244-00271-00001	3	3	3	argon	0.18	0.26	0.48	74	N	NC			32	CA		
11/16"	AdvancedComfort Low-E IG w/ GBG	PEL-N-244-00272-00001	3	3	3	argon	0.18	0.23	0.43	74	N	NC	SC	S	31	CA		
11/16"	AdvancedComfort Low-E IG w/ SDL	PEL-N-244-00272-00002	3	3	3	argon	0.18	0.23	0.43	74	N	NC	SC	S	31	CA		
11/16"	AdvancedComfort Low-E IG	PEL-N-244-00273-00001	4	4	4	argon	0.19	0.25	0.47	74	N	NC			31	CA		
11/16"	AdvancedComfort Low-E IG w/ GBG	PEL-N-244-00274-00001	4	4	4	argon	0.19	0.23	0.42	74	N	NC	SC	S	29	CA		
11/16"	AdvancedComfort Low-E IG w/ SDL	PEL-N-244-00274-00002	4	4	4	argon	0.19	0.23	0.42	74	N	NC	SC	S	29	CA		
11/16"	AdvancedComfort Low-E IG	PEL-N-244-00333-00001	5	3	4	argon	0.19	0.25	0.47	74	N	NC			31	CA		
11/16"	AdvancedComfort Low-E IG w/ GBG	PEL-N-244-00334-00001	5	3	4	argon	0.19	0.23	0.42	75	N	NC	SC	S	29	CA		
11/16"	AdvancedComfort Low-E IG w/ SDL	PEL-N-244-00334-00002	5	3	4	argon	0.19	0.23	0.42	75	N	NC	SC	S	29	CA		
11/16"	SunDefense™ Low-E IG	PEL-N-244-00385-00001	2.5	2.5	2.5	argon	0.22	0.20	0.46	70	N	NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ GBG	PEL-N-244-00386-00001	2.5	2.5	2.5	argon	0.22	0.18	0.41	70	N	NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ SDL	PEL-N-244-00386-00002	2.5	2.5	2.5	argon	0.22	0.18	0.41	70	N	NC	SC	S				
11/16"	SunDefense™ Low-E IG	PEL-N-244-00387-00001	3	3	3	argon	0.22	0.20	0.45	69	N	NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ GBG	PEL-N-244-00388-00001	3	3	3	argon	0.22	0.18	0.41	69	N	NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ SDL	PEL-N-244-00388-00002	3	3	3	argon	0.22	0.18	0.41	69	N	NC	SC	S				
11/16"	SunDefense™ Low-E IG	PEL-N-244-00389-00001	4	4	4	argon	0.23	0.20	0.45	68		NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ GBG	PEL-N-244-00390-00001	4	4	4	argon	0.23	0.18	0.40	68		NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ SDL	PEL-N-244-00390-00002	4	4	4	argon	0.23	0.18	0.40	68		NC	SC	S				
11/16"	SunDefense™ Low-E IG	PEL-N-244-00457-00001	5	3	4	argon	0.22	0.20	0.45	68	N	NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ GBG	PEL-N-244-00458-00001	5	3	4	argon	0.23	0.18	0.40	68		NC	SC	S				
11/16"	SunDefense™ Low-E IG w/ SDL	PEL-N-244-00458-00002	5	3	4	argon	0.23	0.18	0.40	68		NC	SC	S				
11/16"	SunDefense+ Low-E IG	PEL-N-244-00281-00001	2.5	2.5	2.5	argon	0.18	0.19	0.45	74	N	NC	SC	S	28	CA		
11/16"	SunDefense+ Low-E IG w/ GBG	PEL-N-244-00282-00001	2.5	2.5	2.5	argon	0.18	0.18	0.40	74	N	NC	SC	S	28	CA		
11/16"	SunDefense+ Low-E IG w/ SDL	PEL-N-244-00282-00002	2.5	2.5	2.5	argon	0.18	0.18	0.40	74	N	NC	SC	S	28	CA		
11/16"	SunDefense+ Low-E IG	PEL-N-244-00283-00001	3	3	3	argon	0.18	0.19	0.44	74	N	NC	SC	S	28	CA		
11/16"	SunDefense+ Low-E IG w/ GBG	PEL-N-244-00284-00001	3	3	3	argon	0.18	0.18	0.40	74	N	NC	SC	S	28	CA		
11/16"	SunDefense+ Low-E IG w/ SDL	PEL-N-244-00284-00002	3	3	3	argon	0.18	0.18	0.40	74	N	NC	SC	S	28	CA		
11/16"	SunDefense+ Low-E IG	PEL-N-244-00285-00001	4	4	4	argon	0.19	0.19	0.44	74	N	NC	SC	S	27	CA		
11/16"	SunDefense+ Low-E IG w/ GBG	PEL-N-244-00286-00001	4	4	4	argon	0.19	0.18	0.39	74	N	NC	SC	S	27	CA		
11/16"	SunDefense+ Low-E IG w/ SDL	PEL-N-244-00286-00002	4	4	4	argon	0.19	0.18	0.39	74	N	NC	SC	S	27	CA		
11/16"	SunDefense+ Low-E IG	PEL-N-244-00341-00001	5	3	4	argon	0.19	0.19	0.44	74	N	NC	SC	S	27	CA		
11/16"	SunDefense+ Low-E IG w/ GBG	PEL-N-244-00342-00001	5	3	4	argon	0.19	0.18	0.39	74	N	NC	SC	S	27	CA		
11/16"	SunDefense+ Low-E IG w/ SDL	PEL-N-244-00342-00002	5	3	4	argon	0.19	0.18	0.39	74	N	NC	SC	S	27	CA		

R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

(1) Glazing performance values are calculated based on NFRC 100, NFRC 200 and NFRC 500. ENERGY STAR® values are updated to 2023 (version 7) criteria.

(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative. Visit www.energystar.gov for Energy Star guidelines.

Climate Zones





Lifestyle Series Casement

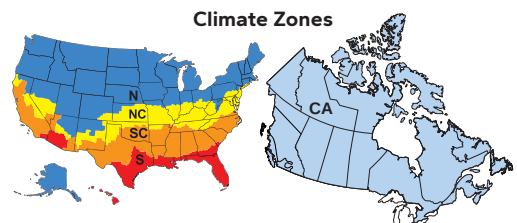
Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			Ext.	Mid	Int.		U-Factor ₁	SHGC	VLT	CR	U. S.				Canada ₂	
											Zone				ER	Zone
Triple-Pane Fixed with Clear HGP											N	NC	SC	S		CA
11/16"	NaturalSun Low-E IG	PEL-N-244-00349-00001	2.5	2.5	2.5	argon	0.23	0.50	0.56	69	N				40	CA
11/16"	NaturalSun Low-E IG w/ GBG	PEL-N-244-00350-00001	2.5	2.5	2.5	argon	0.23	0.45	0.50	69	N				37	CA
11/16"	NaturalSun Low-E IG w/ SDL	PEL-N-244-00350-00002	2.5	2.5	2.5	argon	0.23	0.45	0.50	69	N				37	CA
11/16"	NaturalSun Low-E IG	PEL-N-244-00351-00001	3	3	3	argon	0.23	0.49	0.56	68	N				39	CA
11/16"	NaturalSun Low-E IG w/ GBG	PEL-N-244-00352-00001	3	3	3	argon	0.23	0.44	0.50	68	N				37	CA
11/16"	NaturalSun Low-E IG w/ SDL	PEL-N-244-00352-00002	3	3	3	argon	0.23	0.44	0.50	68	N				37	CA
11/16"	NaturalSun Low-E IG	PEL-N-244-00353-00001	4	4	4	argon	0.23	0.47	0.55	67	N				38	CA
11/16"	NaturalSun Low-E IG w/ GBG	PEL-N-244-00354-00001	4	4	4	argon	0.24	0.43	0.49	67	N				35	CA
11/16"	NaturalSun Low-E IG w/ SDL	PEL-N-244-00354-00002	4	4	4	argon	0.24	0.43	0.49	67	N				35	CA
11/16"	NaturalSun Low-E IG	PEL-N-244-00433-00001	5	3	4	argon	0.23	0.47	0.55	67	N				38	CA
11/16"	NaturalSun Low-E IG w/ GBG	PEL-N-244-00434-00001	5	3	4	argon	0.24	0.42	0.49	67	N				34	CA
11/16"	NaturalSun Low-E IG w/ SDL	PEL-N-244-00434-00002	5	3	4	argon	0.24	0.42	0.49	67	N				34	CA
11/16"	NaturalSun+ Low-E IG	PEL-N-244-00257-00001	2.5	2.5	2.5	argon	0.19	0.45	0.55	74	N				42	CA
11/16"	NaturalSun+ Low-E IG w/ GBG	PEL-N-244-00258-00001	2.5	2.5	2.5	argon	0.19	0.41	0.49	74	N				40	CA
11/16"	NaturalSun+ Low-E IG w/ SDL	PEL-N-244-00258-00002	2.5	2.5	2.5	argon	0.19	0.41	0.49	74	N				40	CA
11/16"	NaturalSun+ Low-E IG	PEL-N-244-00259-00001	3	3	3	argon	0.19	0.44	0.54	74	N				42	CA
11/16"	NaturalSun+ Low-E IG w/ GBG	PEL-N-244-00260-00001	3	3	3	argon	0.19	0.40	0.48	74	N	NC			39	CA
11/16"	NaturalSun+ Low-E IG w/ SDL	PEL-N-244-00260-00002	3	3	3	argon	0.19	0.40	0.48	74	N	NC			39	CA
11/16"	NaturalSun+ Low-E IG	PEL-N-244-00261-00001	4	4	4	argon	0.19	0.43	0.54	74	N				41	CA
11/16"	NaturalSun+ Low-E IG w/ GBG	PEL-N-244-00262-00001	4	4	4	argon	0.20	0.38	0.48	74	N	NC			37	CA
11/16"	NaturalSun+ Low-E IG w/ SDL	PEL-N-244-00262-00002	4	4	4	argon	0.20	0.38	0.48	74	N	NC			37	CA
11/16"	NaturalSun+ Low-E IG	PEL-N-244-00325-00001	5	3	4	argon	0.19	0.42	0.54	74	N				40	CA
11/16"	NaturalSun+ Low-E IG w/ GBG	PEL-N-244-00326-00001	5	3	4	argon	0.20	0.38	0.48	74	N	NC			37	CA
11/16"	NaturalSun+ Low-E IG w/ SDL	PEL-N-244-00326-00002	5	3	4	argon	0.20	0.38	0.48	74	N	NC			37	CA

R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

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Lifestyle Series Casement

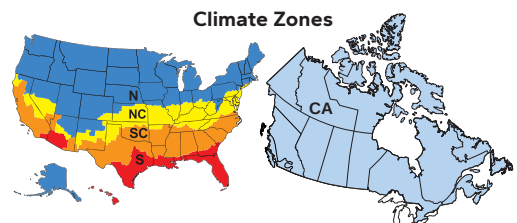
Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown ²					
			Ext.	Mid	Int.		U-Factor ₁	SHGC	VLT	CR	U. S.				Canada ₂	
											Zone				ER	Zone
Triple-Pane Vent with High Altitude Glazing and Clear HGP											N	NC	SC	S		CA
11/16"	Advanced Low-E HA IG	PEL-N-244-00367-00001	2.5	2.5	2.5	air	0.24	0.27	0.50	67		NC			26	CA
11/16"	Advanced Low-E HA IG w/ GBG	PEL-N-244-00368-00001	2.5	2.5	2.5	air	0.24	0.24	0.44	67		NC			24	CA
11/16"	Advanced Low-E HA IG w/ SDL	PEL-N-244-00368-00002	2.5	2.5	2.5	air	0.24	0.24	0.44	67		NC			24	CA
11/16"	Advanced Low-E HA IG	PEL-N-244-00369-00001	3	3	3	air	0.24	0.27	0.49	66		NC			26	CA
11/16"	Advanced Low-E HA IG w/ GBG	PEL-N-244-00370-00001	3	3	3	air	0.24	0.24	0.44	66		NC			24	CA
11/16"	Advanced Low-E HA IG w/ SDL	PEL-N-244-00370-00002	3	3	3	air	0.24	0.24	0.44	66		NC			24	CA
11/16"	Advanced Low-E HA IG	PEL-N-244-00371-00001	4	4	4	air	0.25	0.26	0.48	65		NC			24	CA
11/16"	Advanced Low-E HA IG w/ GBG	PEL-N-244-00372-00001	4	4	4	air	0.26	0.24	0.43	65					21	CA
11/16"	Advanced Low-E HA IG w/ SDL	PEL-N-244-00372-00002	4	4	4	air	0.26	0.24	0.43	65					21	CA
11/16"	Advanced Low-E HA IG	PEL-N-244-00445-00001	5	3	4	air	0.25	0.26	0.48	65		NC			24	CA
11/16"	Advanced Low-E HA IG w/ GBG	PEL-N-244-00446-00001	5	3	4	air	0.26	0.24	0.43	65					21	CA
11/16"	Advanced Low-E HA IG w/ SDL	PEL-N-244-00446-00002	5	3	4	air	0.26	0.24	0.43	65					21	CA
11/16"	AdvancedComfort Low-E HA IG	PEL-N-244-00275-00001	2.5	2.5	2.5	air	0.20	0.26	0.49	74	N	NC			30	CA
11/16"	AdvancedComfort Low-E HA IG w/ GBG	PEL-N-244-00276-00001	2.5	2.5	2.5	air	0.20	0.24	0.43	74	N	NC			29	CA
11/16"	AdvancedComfort Low-E HA IG w/ SDL	PEL-N-244-00276-00002	2.5	2.5	2.5	air	0.20	0.24	0.43	74	N	NC			29	CA
11/16"	AdvancedComfort Low-E HA IG	PEL-N-244-00277-00001	3	3	3	air	0.20	0.26	0.48	73	N	NC			30	CA
11/16"	AdvancedComfort Low-E HA IG w/ GBG	PEL-N-244-00278-00001	3	3	3	air	0.20	0.23	0.43	73	N	NC	SC	S	28	CA
11/16"	AdvancedComfort Low-E HA IG w/ SDL	PEL-N-244-00278-00002	3	3	3	air	0.20	0.23	0.43	73	N	NC	SC	S	28	CA
11/16"	AdvancedComfort Low-E HA IG	PEL-N-244-00279-00001	4	4	4	air	0.21	0.25	0.47	72	N	NC			28	CA
11/16"	AdvancedComfort Low-E HA IG w/ GBG	PEL-N-244-00280-00001	4	4	4	air	0.21	0.23	0.42	72	N	NC	SC	S	27	CA
11/16"	AdvancedComfort Low-E HA IG w/ SDL	PEL-N-244-00280-00002	4	4	4	air	0.21	0.23	0.42	72	N	NC	SC	S	27	CA
11/16"	AdvancedComfort Low-E HA IG	PEL-N-244-00337-00001	5	3	4	air	0.21	0.25	0.47	72	N	NC			28	CA
11/16"	AdvancedComfort Low-E HA IG w/ GBG	PEL-N-244-00338-00001	5	3	4	air	0.21	0.23	0.42	72	N	NC	SC	S	27	CA
11/16"	AdvancedComfort Low-E HA IG w/ SDL	PEL-N-244-00338-00002	5	3	4	air	0.21	0.23	0.42	72	N	NC	SC	S	27	CA
11/16"	SunDefense™ Low-E HA IG	PEL-N-244-00391-00001	2.5	2.5	2.5	air	0.24	0.20	0.46	67		NC	SC	S	22	CA
11/16"	SunDefense™ Low-E HA IG w/ GBG	PEL-N-244-00392-00001	2.5	2.5	2.5	air	0.24	0.18	0.41	67		NC	SC	S	20	CA
11/16"	SunDefense™ Low-E HA IG w/ SDL	PEL-N-244-00392-00002	2.5	2.5	2.5	air	0.24	0.18	0.41	67		NC	SC	S	20	CA
11/16"	SunDefense™ Low-E HA IG	PEL-N-244-00393-00001	3	3	3	air	0.24	0.20	0.45	67		NC	SC	S	22	CA
11/16"	SunDefense™ Low-E HA IG w/ GBG	PEL-N-244-00394-00001	3	3	3	air	0.24	0.18	0.41	67		NC	SC	S	20	CA
11/16"	SunDefense™ Low-E HA IG w/ SDL	PEL-N-244-00394-00002	3	3	3	air	0.24	0.18	0.41	67		NC	SC	S	20	CA
11/16"	SunDefense™ Low-E HA IG	PEL-N-244-00395-00001	4	4	4	air	0.25	0.20	0.45	65		NC	SC	S	20	CA
11/16"	SunDefense™ Low-E HA IG w/ GBG	PEL-N-244-00396-00001	4	4	4	air	0.26	0.18	0.40	65			SC	S	18	CA
11/16"	SunDefense™ Low-E HA IG w/ SDL	PEL-N-244-00396-00002	4	4	4	air	0.26	0.18	0.40	65			SC	S	18	CA
11/16"	SunDefense™ Low-E HA IG	PEL-N-244-00461-00001	5	3	4	air	0.25	0.20	0.45	65		NC	SC	S	20	CA
11/16"	SunDefense™ Low-E HA IG w/ GBG	PEL-N-244-00462-00001	5	3	4	air	0.26	0.18	0.40	65			SC	S	18	CA
11/16"	SunDefense™ Low-E HA IG w/ SDL	PEL-N-244-00462-00002	5	3	4	air	0.26	0.18	0.40	65			SC	S	18	CA
11/16"	SunDefense+ Low-E HA IG	PEL-N-244-00287-00001	2.5	2.5	2.5	air	0.19	0.19	0.45	74	N	NC	SC	S	27	CA
11/16"	SunDefense+ Low-E HA IG w/ GBG	PEL-N-244-00288-00001	2.5	2.5	2.5	air	0.19	0.18	0.40	74	N	NC	SC	S	27	CA
11/16"	SunDefense+ Low-E HA IG w/ SDL	PEL-N-244-00288-00002	2.5	2.5	2.5	air	0.19	0.18	0.40	74	N	NC	SC	S	27	CA
11/16"	SunDefense+ Low-E HA IG	PEL-N-244-00289-00001	3	3	3	air	0.20	0.19	0.44	74	N	NC	SC	S	26	CA
11/16"	SunDefense+ Low-E HA IG w/ GBG	PEL-N-244-00290-00001	3	3	3	air	0.20	0.18	0.40	74	N	NC	SC	S	25	CA
11/16"	SunDefense+ Low-E HA IG w/ SDL	PEL-N-244-00290-00002	3	3	3	air	0.20	0.18	0.40	74	N	NC	SC	S	25	CA
11/16"	SunDefense+ Low-E HA IG	PEL-N-244-00291-00001	4	4	4	air	0.21	0.19	0.44	72	N	NC	SC	S	25	CA
11/16"	SunDefense+ Low-E HA IG w/ GBG	PEL-N-244-00292-00001	4	4	4	air	0.21	0.18	0.39	72	N	NC	SC	S	24	CA
11/16"	SunDefense+ Low-E HA IG w/ SDL	PEL-N-244-00292-00002	4	4	4	air	0.21	0.18	0.39	72	N	NC	SC	S	24	CA
11/16"	SunDefense+ Low-E HA IG	PEL-N-244-00345-00001	5	3	4	air	0.21	0.19	0.44	72	N	NC	SC	S	25	CA
11/16"	SunDefense+ Low-E HA IG w/ GBG	PEL-N-244-00346-00001	5	3	4	air	0.21	0.18	0.39	72	N	NC	SC	S	24	CA
11/16"	SunDefense+ Low-E HA IG w/ SDL	PEL-N-244-00346-00002	5	3	4	air	0.21	0.18	0.39	72	N	NC	SC	S	24	CA

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SHGC = Solar Heat Gain Coefficient
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CR = Condensation Resistance
ER = Canadian Energy Rating

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Lifestyle Series Casement

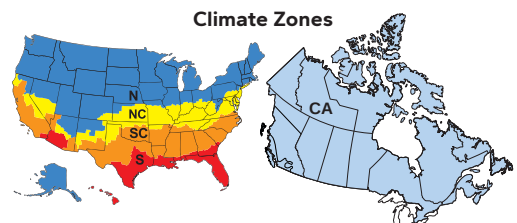
Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			Ext.	Mid	Int.		U-Factor ₁	SHGC	VLT	CR	U. S.				Canada ₂	
											Zone				ER	Zone
Triple-Pane Vent with High Altitude Glazing and Clear HGP											N	NC	SC	S	CA	
11/16"	NaturalSun Low-E HA IG	PEL-N-244-00355-00001	2.5	2.5	2.5	air	0.25	0.49	0.56	67	N				37	CA
11/16"	NaturalSun Low-E HA IG w/ GBG	PEL-N-244-00356-00001	2.5	2.5	2.5	air	0.25	0.44	0.50	67	N				34	CA
11/16"	NaturalSun Low-E HA IG w/ SDL	PEL-N-244-00356-00002	2.5	2.5	2.5	air	0.25	0.44	0.50	67	N				34	CA
11/16"	NaturalSun Low-E HA IG	PEL-N-244-00357-00001	3	3	3	air	0.25	0.48	0.56	66	N				36	CA
11/16"	NaturalSun Low-E HA IG w/ GBG	PEL-N-244-00358-00001	3	3	3	air	0.25	0.43	0.50	66	N				34	CA
11/16"	NaturalSun Low-E HA IG w/ SDL	PEL-N-244-00358-00002	3	3	3	air	0.25	0.43	0.50	66	N				34	CA
11/16"	NaturalSun Low-E HA IG	PEL-N-244-00359-00001	4	4	4	air	0.26	0.47	0.55	65	N				35	CA
11/16"	NaturalSun Low-E HA IG w/ GBG	PEL-N-244-00360-00001	4	4	4	air	0.26	0.42	0.49	65	N				32	CA
11/16"	NaturalSun Low-E HA IG w/ SDL	PEL-N-244-00360-00002	4	4	4	air	0.26	0.42	0.49	65	N				32	CA
11/16"	NaturalSun Low-E HA IG	PEL-N-244-00437-00001	5	3	4	air	0.26	0.47	0.55	65	N				35	CA
11/16"	NaturalSun Low-E HA IG w/ GBG	PEL-N-244-00438-00001	5	3	4	air	0.26	0.42	0.49	65	N				32	CA
11/16"	NaturalSun Low-E HA IG w/ SDL	PEL-N-244-00438-00002	5	3	4	air	0.26	0.42	0.49	65	N				32	CA
11/16"	NaturalSun+ Low-E HA IG	PEL-N-244-00263-00001	2.5	2.5	2.5	air	0.20	0.45	0.55	73	N				41	CA
11/16"	NaturalSun+ Low-E HA IG w/ GBG	PEL-N-244-00264-00001	2.5	2.5	2.5	air	0.20	0.40	0.49	73	N	NC			38	CA
11/16"	NaturalSun+ Low-E HA IG w/ SDL	PEL-N-244-00264-00002	2.5	2.5	2.5	air	0.20	0.40	0.49	73	N	NC			38	CA
11/16"	NaturalSun+ Low-E HA IG	PEL-N-244-00265-00001	3	3	3	air	0.20	0.44	0.54	73	N				40	CA
11/16"	NaturalSun+ Low-E HA IG w/ GBG	PEL-N-244-00266-00001	3	3	3	air	0.20	0.39	0.48	73	N	NC			37	CA
11/16"	NaturalSun+ Low-E HA IG w/ SDL	PEL-N-244-00266-00002	3	3	3	air	0.20	0.39	0.48	73	N	NC			37	CA
11/16"	NaturalSun+ Low-E HA IG	PEL-N-244-00267-00001	4	4	4	air	0.21	0.42	0.54	72	N				38	CA
11/16"	NaturalSun+ Low-E HA IG w/ GBG	PEL-N-244-00268-00001	4	4	4	air	0.21	0.38	0.48	72	N	NC			36	CA
11/16"	NaturalSun+ Low-E HA IG w/ SDL	PEL-N-244-00268-00002	4	4	4	air	0.21	0.38	0.48	72	N	NC			36	CA
11/16"	NaturalSun+ Low-E HA IG	PEL-N-244-00329-00001	5	3	4	air	0.21	0.42	0.54	72	N				38	CA
11/16"	NaturalSun+ Low-E HA IG w/ GBG	PEL-N-244-00330-00001	5	3	4	air	0.21	0.38	0.48	72	N	NC			36	CA
11/16"	NaturalSun+ Low-E HA IG w/ SDL	PEL-N-244-00330-00002	5	3	4	air	0.21	0.38	0.48	72	N	NC			36	CA

R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

(1) Glazing performance values are calculated based on NFRC 100, NFRC 200 and NFRC 500. ENERGY STAR® values are updated to 2023 (version 7) criteria.

(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.
Visit www.energystar.gov for Energy Star guidelines.

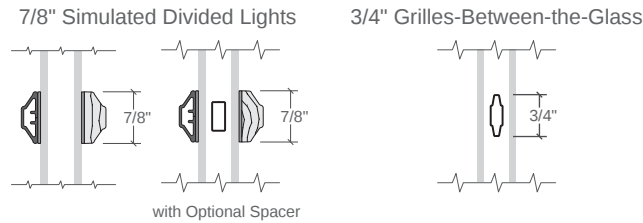




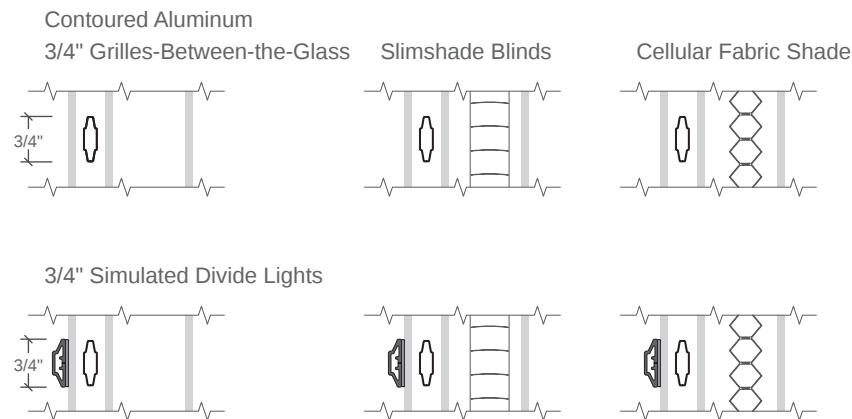
Lifestyle Series Casement

Grilles

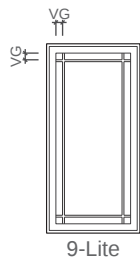
Grille Profiles – Dual-Pane



Grille Profiles – Triple-Pane



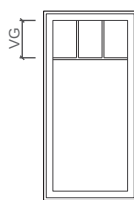
Grille Patterns



9-Lite



Cross



Top Row

9-Lite Prairie

- Standard corner lite dimension for Prairie patterns = 2-1/2" VG.
- Available in transoms $\geq$ 1'3" height and width.

Cross

- Minimum DH frame height 35".
- Horizontal bar will be at 1/2" of the VG height of the top sash.

Top Row

- Minimum DH frame height 35".
- Horizontal bar will be at 1/2" of the VG height of the top sash.

For traditional patterns, see size tables.

VG = Visible Glass

Lite dimensions noted can vary.

Custom configurations are also available, for details contact your local Pella sales representative.



Lifestyle Series Casement

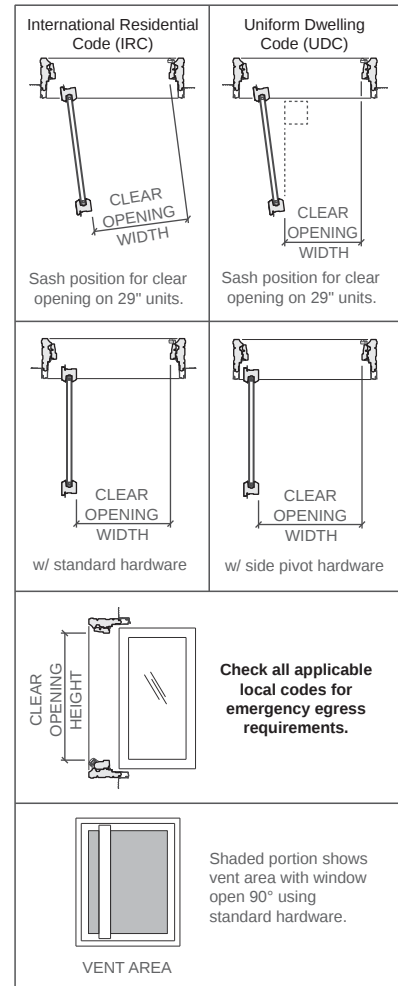
Standard Size Tables – Dual-Pane

Transoms

	(451) (432)	(552) (533)	(603) (584)	(654) (635)	(756) (737)	(832) (813)	(908) (889)
Opening	1' 5 3/4"	1' 9 3/4"	1' 11 3/4"	2' 1 3/4"	2' 5 3/4"	2' 8 3/4"	2' 11 3/4"
Frame	1' 5"	1' 9"	1' 11"	2' 1"	2' 5"	2' 8"	2' 11"
(451) (432)	 1717	 2117	 2317	 2517	 2917	 3217	 3517
(552) (533)	 1721	 2121	 2321	 2521	 2921	 3221	 3521
(603) (584)	 1723	 2123	 2323	 2523	 2923	 3223	 3523
(654) (635)	 1725	 2125	 2325	 2525	 2925	 3225	 3525
(756) (737)	 1729	 2129	 2329	 2529	 2929	 3229	 3529

Vent Units

(832) (813)	(908) (889)	(1 060) (1 041)	(1 213) (1 194)	(1 365) (1 346)	(1 518) (1 499)	(1 670) (1 651)	(1 822) (1 803)	(1 873) (1 854)
2' 8"	2' 11"	3' 5"	3' 11"	4' 5"	4' 11"	5' 5"	5' 11"	6' 1"
1732	2132	2332	2532	2932	3232	3532		
1735	2135	2335	2535	2935	3235	3535		
1741	2141	2341	2541	2941	3241	3541		
1747	2147	2347	2547	2947	3247	3547		
1753	2153	2353	2553	2953	3253	3553		
1759	2159	2359	2559	2959	3259	3559		
1765	2165	2365	2565	2965	3265	3565		
1771	2171	2371	2571	2971	3271	3571		
1773	2173	2373	2573	2973	3273	3573		



Egress Notes:

Check all applicable local codes for emergency egress requirements.

E = Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E1 = Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

E2 = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E3 = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

See Design Data pages in this section for clear opening dimensions.

Clear opening (egress) information does not take into consideration the addition of a Rolscreen (or any other accessory) to the product.

Consult your local building code to ensure products with Rolcreens meet egress requirements.

Egress information shown is for International Residential Code (IRC) standards only, see Design Data page for Uniform Dwelling Code (UDC) information.

Not to scale.

(F) = Fixed Units only

(T) = Tempered glass required due to aspect ratio.

Traditional grille patterns shown. Refer to Grilles page for additional patterns and profiles.

Transom standard sizes available up to 73" wide, see fixed size table for details.



Lifestyle Series Casement

Standard Size Tables – Dual-Pane

Fixed Units

		(451) (432)	(552) (533)	(603) (584)	(654) (635)	(756) (737)	(832) (813)	(908) (889)	(1 060) (1 041)	(1 213) (1 194)	(1 365) (1 346)	(1 518) (1 499)	(1 873) (1 854)
Opening		1' 5 3/4"	1' 9 3/4"	1' 11 3/4"	2' 1 3/4"	2' 5 3/4"	2' 8 3/4"	2' 11 3/4"	3' 5 3/4"	3' 11 3/4"	4' 5 3/4"	4' 11 3/4"	6' 1 3/4"
Frame		1' 5"	1' 9"	1' 11"	2' 1"	2' 5"	2' 8"	2' 11"	3' 5"	3' 11"	4' 5"	4' 11"	6' 1"
(451) (432)	1' 5"												
(552) (533)	1' 9"												
(603) (584)	1' 11"												
(654) (635)	2' 1"												
(756) (737)	2' 5"												
(832) (813)	2' 8"												
(908) (889)	2' 11"												
(1 060) (1 041)	3' 5"												
(1 213) (1 194)	3' 11"												
(1 365) (1 346)	4' 5"												
(1 518) (1 499)	4' 11"												
(1 670) (1 651)	5' 5"												
(1 822) (1 803)	5' 11"												
(1 873) (1 854)	6' 1"												

Not to scale.

(T) = Tempered required due to aspect ratio.

Traditional grille patterns shown. Refer to Grilles page for additional patterns and profiles.



Lifestyle Series Casement

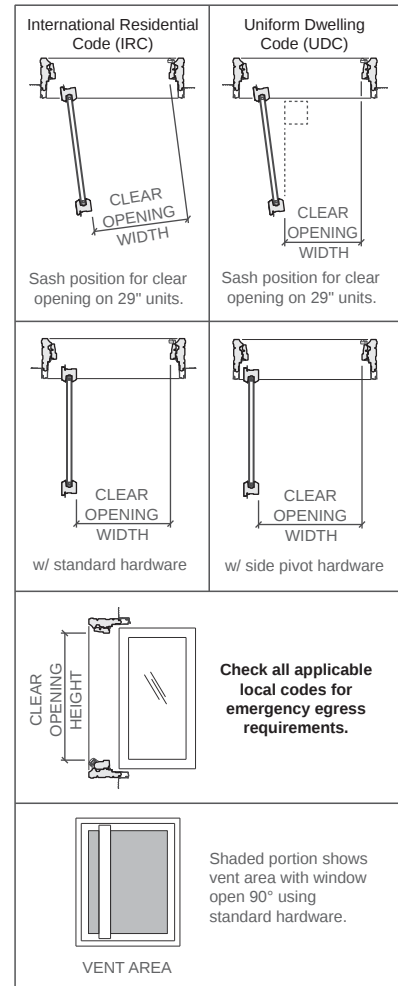
Standard Size Tables – Triple-Pane

Transoms

	(451) (432)		(552) (533)		(603) (584)		(654) (635)		(756) (737)		(832) (813)		(908) (889)	
	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame
	1' 5 3/4"	1' 5"	1' 9 3/4"	1' 9"	1' 11 3/4"	1' 11"	2' 1 3/4"	2' 1"	2' 5 3/4"	2' 5"	2' 8 3/4"	2' 8"	2' 11 3/4"	2' 11"
(451) (432)		1717		2117		2317		2517		2917		3217		3517
(552) (533)		1721		2121		2321		2521		2921		3221		3521
(603) (584)		1723		2123		2323		2523		2923		3223		3523
(654) (635)		1725		2125		2325		2525		2925		3225		3525
(756) (737)		1729		2129		2329		2529		2929		3229		3529

Vent Units

(832) (813)		1732		2132		2332		2532		2932		3232		3532
(908) (889)		1735		2135		2335		2535		2935		3235		3535
(1 060) (1 041)		1741		2141		2341		2541		2941		3241		3541
(1 213) (1 194)		1747		2147		2347		2547		2947		3247		3547
(1 365) (1 346)		1753		2153		2353		2553		2953		3253		3553
(1 518) (1 499)		1759		2159		2359		2559		2959		3259		3559
(1 670) (1 651)		1765		2165		2365		2565		2965		3265		3565
(1 822) (1 803)		1771		2171		2371		2571		2971		3271		3571
(1 873) (1 854)		1773		2173		2373		2573		2973		3273		3573



Egress Notes:

Check all applicable local codes for emergency egress requirements.

E = Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E1 = Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

E2 = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E3 = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

See Design Data pages in this section for clear opening dimensions.

Clear opening (egress) information does not take into consideration the addition of a Rolscreen (or any other accessory) to the product.

Consult your local building code to ensure products with Rolcreens meet egress requirements.

Egress information shown is for International Residential Code (IRC) standards only, see Design Data page for Uniform Dwelling Code (UDC) information.

Not to scale.

(F) = Fixed Units only

(T) = Tempered glass required due to aspect ratio.

Traditional grille patterns shown. Refer to Grilles page for additional patterns and profiles.

Transom standard sizes available up to 73" wide, see fixed size table for details.



Lifestyle Series Casement

Standard Size Tables – Triple-Pane

Fixed Units

	(451) (432)		(552) (533)		(603) (584)		(654) (635)		(756) (737)		(832) (813)		(908) (889)		(1 060) (1 041)		(1 213) (1 194)		(1 365) (1 346)		(1 518) (1 499)		(1 873) (1 854)	
	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame	Opening	Frame
	1' 5 3/4"	1' 5"	1' 9 3/4"	1' 9"	1' 11 3/4"	1' 11"	2' 1 3/4"	2' 1"	2' 5 3/4"	2' 5"	2' 8 3/4"	2' 8"	2' 11 3/4"	2' 11"	3' 5 3/4"	3' 5"	3' 11 3/4"	3' 11"	4' 5 3/4"	4' 5"	4' 11 3/4"	4' 11"	6' 1 3/4"	6' 1"
(451) (432)	1717	1717	2117	2117	2317	2317	2517	2517	2917	2917	3217	3217	3517	3517	4117	4117	4717	4717	5317	5317	5917	5917	7317	7317
(552) (533)	1721	1721	2121	2121	2321	2321	2521	2521	2921	2921	3221	3221	3521	3521	4121	4121	4721	4721	5321	5321	5921	5921	7321	7321
(603) (584)	1723	1723	2123	2123	2323	2323	2523	2523	2923	2923	3223	3223	3523	3523	4123	4123	4723	4723	5323	5323	5923	5923	7323	7323
(654) (635)	1725	1725	2125	2125	2325	2325	2525	2525	2925	2925	3225	3225	3525	3525	4125	4125	4725	4725	5325	5325	5925	5925	7325	7325
(756) (737)	1729	1729	2129	2129	2329	2329	2529	2529	2929	2929	3229	3229	3529	3529	4129	4129	4729	4729	5329	5329	5929	5929	7329	7329
(832) (813)	1732	1732	2132	2132	2332	2332	2532	2532	2932	2932	3232	3232	3532	3532	4132	4132	4732	4732	5332	5332	5932	5932		
(908) (889)	1735	1735	2135	2135	2335	2335	2535	2535	2935	2935	3235	3235	3535	3535	4135	4135	4735	4735	5335	5335	5935	5935		
(1 060) (1 041)	1741	1741	2141	2141	2341	2341	2541	2541	2941	2941	3241	3241	3541	3541	4141	4141	4741	4741	5341	5341	5941	5941		
(1 213) (1 194)	1747	1747	2147	2147	2347	2347	2547	2547	2947	2947	3247	3247	3547	3547	4147	4147	4747	4747	5347	5347	5947	5947		
(1 365) (1 346)	1753	1753	2153	2153	2353	2353	2553	2553	2953	2953	3253	3253	3553	3553	4153	4153	4753	4753	5353	5353	5953	5953		
(1 518) (1 499)	1759	1759	2159	2159	2359	2359	2559	2559	2959	2959	3259	3259	3559	3559	4159	4159	4759	4759	5359	5359	5959	5959		
(1 670) (1 651)	1765	1765	2165	2165	2365	2365	2565	2565	2965	2965	3265	3265	3565	3565	4165	4165	4765	4765	5365	5365	5965	5965		
(1 822) (1 803)	1771	1771	2171	2171	2371	2371	2571	2571	2971	2971	3271	3271	3571	3571	4171	4171	4771	4771	5371	5371	5971	5971		
(1 873) (1 854)	1773	1773	2173	2173	2373	2373	2573	2573	2973	2973	3273	3273	3573	3573	4173	4173	4773	4773	5373	5373	5973	5973		

Not to scale.

(T) = Tempered required due to aspect ratio.

Traditional grille patterns shown. Refer to Grilles page for additional patterns and profiles.



Lifestyle Series Casement

Special Sizes and Dimensions

Casement Special Size Frame Dimensions*

	Minimum	Maximum
Vent Dual-Pane	1' 5" W x 1' 5" H (17" x 17") (432 x 432)	2' 11" W x 6' 1" H (35" x 73") (889 x 1854)
Fixed Dual-Pane	1' 5" W x 1' 2" H (17" x 14") (432 x 356)	4' 11" W x 6' 1" H (59" x 73") (1499 x 1854)
Vent Triple-Pane	1' 5" W x 1' 5" H (17" x 17") (432 x 432)	2' 11" W x 6' 1" H (35" x 73") (889 x 1854)
Fixed Triple-Pane	1' 5" W x 1' 5" H (17" x 17") (432 x 432)	4' 11" W x 6' 1" H (59" x 73") (1499 x 1854)

Egress Formulas

Clear Opening Height

Frame Height - 4-1/8"

Clear Opening Width

Hinge	Frame Width	Formula
Standard	FW < 29"	FW - 9-3/4"
Standard (IRC)	FW ≥ 29" and ≤ 30-1/2"	FW - 9"
Standard (UDC)	FW ≥ 29" and ≤ 30-1/2"	FW - 9-3/4"
Standard	FW > 30-1/2"	FW - 9-3/4"
Side Pivot	FW ≥ 25" and < 35"	FW - 4-3/8"

Glass Formulas

	Formulas
Visible Glass Dual-Pane	Width = Frame - 4.92" Height = Frame - 4.92"
Visible Glass Triple-Pane	Width = Frame - 5.938" Height = Frame - 5.938"
Actual Glass ₁ Dual-Pane	Width = Frame - 4" Height = Frame - 4"
Actual Glass ₁ Triple-Pane	Width = Frame - 5" Height = Frame - 5"

Triple-Pane Integrated Window Fashions – Operator Handing Guide

Unit Type	Shade Operator Location from Exterior	Interior Hinged Glass Panel Style
Right-Hand Vent	Right	Bottom Hinge
Left-Hand Vent	Left	Bottom Hinge
Fixed	Left	Bottom Hinge
Large Fixed	Left	Bottom Hinge

* Available within size range shown.

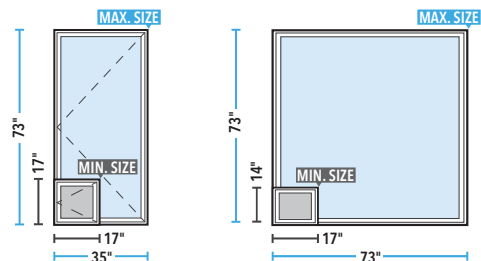
Keep frame dimensions to the nearest 1/4" increment. Frame height cannot exceed frame width on special size dual-pane vent units.

(1) Actual glass of exterior light. Interior Moveable Light is 9/16" smaller.

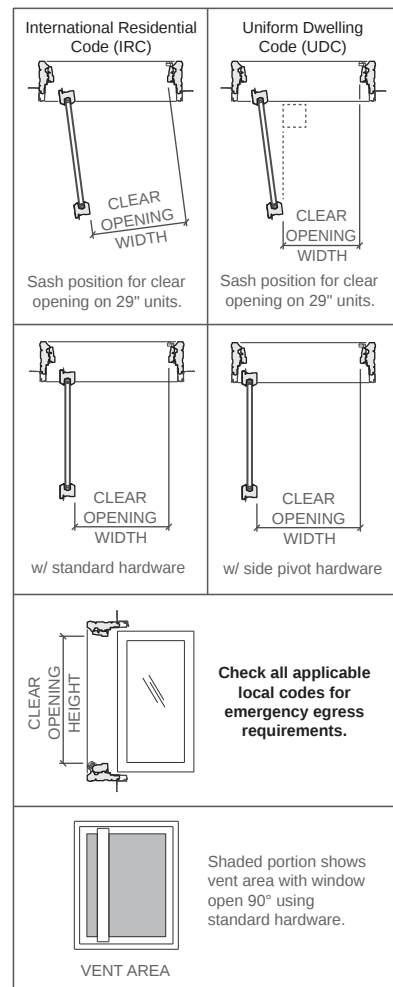
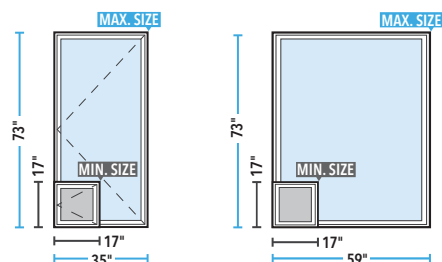
Clear opening (egress) information does not take into consideration the addition of a Rolscreen (or any other accessory) to the product. You should consult your local building code to ensure products with Rolcreens meet egress requirements.

To convert areas to square meters (m²), multiply square feet by 0.0929.

Dual-Pane



Triple-Pane



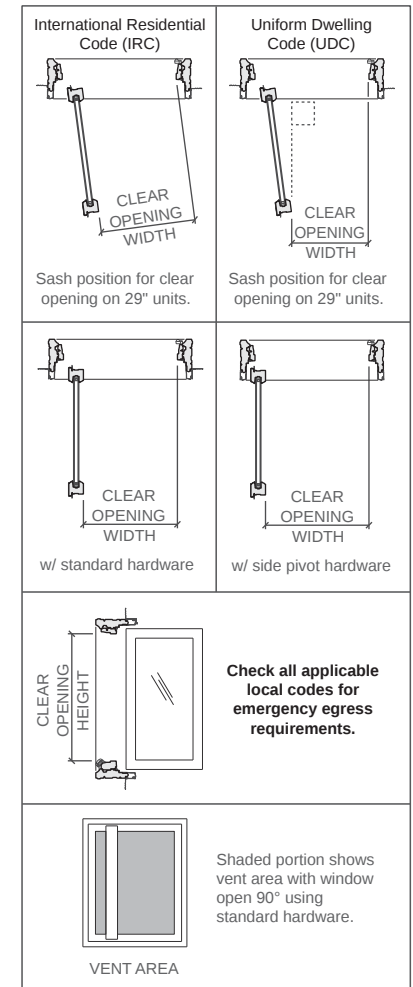


Lifestyle Series Casement

Design Data

Dual-Pane Vent										
Unit	Egress (IRC)	Egress (UDC)	Clear Opening			Vent Area Ft²	Visible Glass Ft²	Standard Glass Thickness (mm)		Performance Class & Grade
			Width (Inches)	Height (Inches)	Ft²			Annealed	Tempered	
1717			7-1/4	12-7/8	0.6	0.8	1.0	2.5	3	LC50
1732			7-1/4	27-7/8	1.4	1.9	2.3	2.5	3	LC50
1735			7-1/4	30-7/8	1.6	2.1	2.5	2.5	3	LC50
1741			7-1/4	36-7/8	1.9	2.5	3.0	2.5	3	LC50
1747			7-1/4	42-7/8	2.2	3.0	3.5	2.5	3	LC50
1753			7-1/4	48-7/8	2.5	3.4	4.0	2.5	3	LC50
1759			7-1/4	54-7/8	2.8	3.8	4.5	2.5	3	LC50
1765			7-1/4	60-7/8	3.1	4.2	5.0	2.5	3	LC50
1771 _T			7-1/4	66-7/8	3.4	4.7	5.5	---	3	LC50
1773 _T			7-1/4	68-7/8	3.5	4.8	5.7	---	3	LC50
2121			11-1/4	16-7/8	1.3	1.5	1.8	2.5	3	LC50
2132			11-1/4	27-7/8	2.2	2.6	3.0	2.5	3	LC50
2135			11-1/4	30-7/8	2.4	2.9	3.4	2.5	3	LC50
2141			11-1/4	36-7/8	2.9	3.5	4.0	2.5	3	LC50
2147			11-1/4	42-7/8	3.3	4.1	4.7	2.5	3	LC50
2153			11-1/4	48-7/8	3.8	4.7	5.4	2.5	3	LC50
2159			11-1/4	54-7/8	4.3	5.3	6.0	2.5	3	LC45/LC50
2165			11-1/4	60-7/8	4.8	5.9	6.7	2.5	3	LC45/LC50
2171			11-1/4	66-7/8	5.2	6.5	7.4	2.5	3	LC40/LC50
2173			11-1/4	68-7/8	5.4	6.7	7.6	2.5	3	LC40/LC50
2323			13-1/4	18-7/8	1.7	2.0	2.3	2.5	3	LC50
2332			13-1/4	27-7/8	2.6	3.0	3.4	2.5	3	LC50
2335			13-1/4	30-7/8	2.8	3.3	3.8	2.5	3	LC50
2341			13-1/4	36-7/8	3.4	4.0	4.5	2.5	3	LC50
2347			13-1/4	42-7/8	3.9	4.7	5.3	2.5	3	LC50
2353			13-1/4	48-7/8	4.5	5.4	6.0	2.5	3	LC50
2359			13-1/4	54-7/8	5.0	6.0	6.8	2.5	3	LC45/LC50
2365			13-1/4	60-7/8	5.6	6.7	7.5	2.5	3	LC40/LC50
2371			13-1/4	66-7/8	6.2	7.4	8.3	2.5	3	LC35/LC50
2373			13-1/4	68-7/8	6.3	7.6	8.5	2.5	3	LC35/LC50
2525			15-1/4	20-7/8	2.2	2.5	2.8	2.5	3	LC50
2532			15-1/4	27-7/8	3.0	3.4	3.8	2.5	3	LC50
2535			15-1/4	30-7/8	3.3	3.8	4.2	2.5	3	LC50
2541	E ₃	E ₃	20-5/8	36-7/8	5.3	4.5	5.0	2.5	3	LC50
2547	E ₂	E ₂	20-5/8	42-7/8	6.1	5.3	5.9	2.5	3	LC50
2553	E ₂	E ₂	20-5/8	48-7/8	7.0	6.0	6.7	2.5	3	LC50
2559	E ₂	E ₂	20-5/8	54-7/8	7.9	6.8	7.5	2.5	3	LC45/LC50
2565	E ₂	E ₂	20-5/8	60-7/8	8.7	7.5	8.4	2.5	3	LC40/LC50
2571	E ₂	E ₂	20-5/8	66-7/8	9.6	8.3	9.2	2.5	3	LC35/LC50
2573	E ₂	E ₂	20-5/8	68-7/8	9.9	8.6	9.5	2.5	3	LC30/LC50

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Egress Notes:

Check all applicable local codes for emergency egress requirements.

E₂ = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E₃ = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

(-) = Not Applicable

(T) = Tempered required due to aspect ratio.

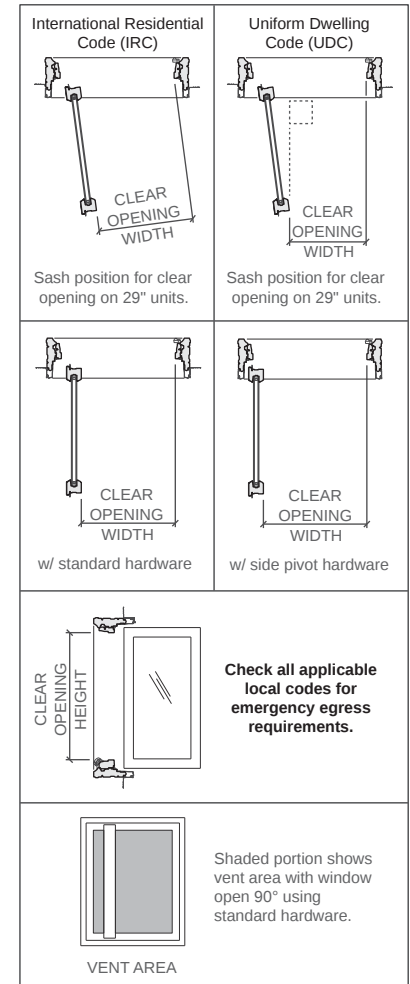
(1) Maximum performance when glazed with the appropriate glass thickness.



Lifestyle Series Casement

Design Data

Dual-Pane Vent										
Unit	Egress (IRC)	Egress (UDC)	Clear Opening			Vent Area Ft ²	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ¹
			Width (Inches)	Height (Inches)	Ft ²			Annealed	Tempered	
2929			20	24-7/8	3.5	3.7	4.0	2.5	3	LC50
2932			20	27-7/8	3.9	4.1	4.5	2.5	3	LC50
2935	E ₃	E ₃	24-5/8	30-7/8	5.3	4.6	5.0	2.5	3	LC50
2941	E ₁ , E ₂	E ₂	24-5/8	36-7/8	6.3	5.5	6.0	2.5	3	LC50
2947	E	E ₂	20	42-7/8	6.0	6.4	7.0	2.5	3	LC50
2953	E	E ₂	20	48-7/8	6.8	7.4	8.0	2.5	3	LC50
2959	E	E ₂	20	54-7/8	7.6	8.3	9.0	2.5	3	LC45/LC50
2965	E	E ₂	20	60-7/8	8.5	9.2	10.0	2.5	3	LC30/LC50 ₍₂₎
2971	E	E ₂	20	66-7/8	9.3	10.1	11.1	3	3	LC30/LC50 ₍₂₎
2973	E	E ₂	20	68-7/8	9.6	10.4	11.4	3	3	LC30/LC50 ₍₂₎
3232	E ₃	E ₃	22-1/4	27-7/8	4.3	4.7	5.1	2.5	3	LC50
3235	E ₂	E ₂	27-5/8	30-7/8	5.9	5.2	5.7	2.5	3	LC50
3241	E ₁ , E ₂	E ₁ , E ₂	27-5/8	36-7/8	7.1	6.2	6.8	2.5	3	LC50
3247	E	E	22-1/4	42-7/8	6.6	7.3	7.9	2.5	3	LC50
3253	E	E	22-1/4	48-7/8	7.5	8.3	9.0	2.5	3	LC50
3259	E	E	22-1/4	54-7/8	8.4	9.4	10.2	2.5	3	LC45/LC50
3265	E	E	22-1/4	60-7/8	9.4	10.4	11.3	3	3	LC30/LC50 ₍₂₎
3271	E	E	22-1/4	66-7/8	10.3	11.5	12.4	3	3	LC30/LC50 ₍₂₎
3273	E	E	22-1/4	68-7/8	10.6	11.8	12.8	3	3	LC30/LC50 ₍₂₎
3535	E ₁ , E ₂	E ₁ , E ₂	30-5/8	30-7/8	6.6	5.8	6.3	2.5	3	LC50
3541	E	E	25-1/4	36-7/8	6.5	7.0	7.5	2.5	3	LC50
3547	E	E	25-1/4	42-7/8	7.5	8.2	8.8	2.5	3	LC50
3553	E	E	25-1/4	48-7/8	8.6	9.3	10.0	2.5	3	LC45/LC50
3559	E	E	25-1/4	54-7/8	9.6	10.5	11.3	3	3	LC50
3565	E	E	25-1/4	60-7/8	10.7	11.7	12.6	3	3	LC30/LC50 ₍₂₎
3571	E	E	25-1/4	66-7/8	11.7	12.9	13.8	3	3	LC30/LC50 ₍₂₎
3573	E	E	25-1/4	68-7/8	12.1	13.3	14.2	3	3	LC30/LC50 ₍₂₎



Egress Notes:

Check all applicable local codes for emergency egress requirements.

E = Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E₁ = Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

E₂ = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E₃ = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

Clear opening (egress) information does not take into consideration the addition of a Rolscreen (or any other accessory) to the product.

Consult your local building code to ensure products with Rolcreens meet egress requirements.

(1) Maximum performance when glazed with the appropriate glass thickness. Second value, where shown, requires tempered glass.

(2) Second number shown requires tempered glass and DP kit. Florida certification documents DP50 with kit installed (Vent: FL 20675). Unit label will indicate DP30 since kit is not factory installed. Review Pella Instructions and FPAS documentation for installation requirements.

To convert areas to square meters (m²), multiply square feet by 0.0929.



Lifestyle Series Casement

Design Data

Dual-Pane Fixed					
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ₁	
		Annealed	Tempered	Annealed	Tempered
1717	1.0	2.5	3	LC50	LC50
1721	1.3	2.5	3	LC50	LC50
1723	1.5	2.5	3	LC50	LC50
1725	1.7	2.5	3	LC50	LC50
1729	2.0	2.5	3	LC50	LC50
1732	2.3	2.5	3	LC50	LC50
1735	2.5	2.5	3	LC50	LC50
1741	3.0	2.5	3	LC50	LC50
1747	3.5	2.5	3	LC50	LC50
1753	4.0	2.5	3	LC50	LC50
1759	4.5	2.5	3	LC50	LC50
1765	5.0	2.5	3	LC50	LC50
1771 _T	5.5	---	3	---	LC50
1773 _T	5.7	---	3	---	LC50
2117	1.3	2.5	3	LC50	LC50
2121	1.8	2.5	3	LC50	LC50
2123	2.0	2.5	3	LC50	LC50
2125	2.2	2.5	3	LC50	LC50
2129	2.7	2.5	3	LC50	LC50
2132	3.0	2.5	3	LC50	LC50
2135	3.4	2.5	3	LC50	LC50
2141	4.0	2.5	3	LC50	LC50
2147	4.7	2.5	3	LC50	LC50
2153	5.4	2.5	3	LC50	LC50
2159	6.0	2.5	3	LC45	LC50
2165	6.7	2.5	3	LC45	LC50
2171	7.4	2.5	3	LC40	LC50
2173	7.6	2.5	3	LC40	LC50
2317	1.5	2.5	3	LC50	LC50
2321	2.0	2.5	3	LC50	LC50
2323	2.3	2.5	3	LC50	LC50
2325	2.5	2.5	3	LC50	LC50
2329	3.0	2.5	3	LC50	LC50
2332	3.4	2.5	3	LC50	LC50
2335	3.8	2.5	3	LC50	LC50
2341	4.5	2.5	3	LC50	LC50
2347	5.3	2.5	3	LC50	LC50
2353	6.0	2.5	3	LC50	LC50
2359	6.8	2.5	3	LC45	LC50
2365	7.5	2.5	3	LC40	LC50
2371	8.3	2.5	3	LC35	LC50
2373	8.5	2.5	3	LC35	LC50

Dual-Pane Fixed					
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ₁	
		Annealed	Tempered	Annealed	Tempered
2517	1.7	2.5	3	LC50	LC50
2521	2.2	2.5	3	LC50	LC50
2523	2.5	2.5	3	LC50	LC50
2525	2.8	2.5	3	LC50	LC50
2529	3.4	2.5	3	LC50	LC50
2532	3.8	2.5	3	LC50	LC50
2535	4.2	2.5	3	LC50	LC50
2541	5.0	2.5	3	LC50	LC50
2547	5.9	2.5	3	LC50	LC50
2553	6.7	2.5	3	LC50	LC50
2559	7.5	2.5	3	LC45	LC50
2565	8.4	2.5	3	LC40	LC50
2571	9.2	2.5	3	LC35	LC50
2573	9.5	2.5	3	LC30	LC50
2917	2.0	2.5	3	LC50	LC50
2921	2.7	2.5	3	LC50	LC50
2923	3.0	2.5	3	LC50	LC50
2925	3.4	2.5	3	LC50	LC50
2929	4.0	2.5	3	LC50	LC50
2932	4.5	2.5	3	LC50	LC50
2935	5.0	2.5	3	LC50	LC50
2941	6.0	2.5	3	LC50	LC50
2947	7.0	2.5	3	LC50	LC50
2953	8.0	2.5	3	LC50	LC50
2959	9.0	2.5	3	LC45	LC50
2965	10.0	2.5	3	LC30	LC30/LC50 ⁽²⁾
2971	11.1	3	3	LC30	LC30/LC50 ⁽²⁾
2973	11.4	3	3	LC30	LC30/LC50 ⁽²⁾
3217	2.3	2.5	3	LC50	LC50
3221	3.0	2.5	3	LC50	LC50
3223	3.4	2.5	3	LC50	LC50
3225	3.8	2.5	3	LC50	LC50
3229	4.5	2.5	3	LC50	LC50
3232	5.1	2.5	3	LC50	LC50
3235	5.7	2.5	3	LC50	LC50
3241	6.8	2.5	3	LC50	LC50
3247	7.9	2.5	3	LC50	LC50
3253	9.0	2.5	3	LC50	LC50
3259	10.2	2.5	3	LC45	LC50
3265	11.3	3	3	LC30	LC30/LC50 ⁽²⁾
3271	12.4	3	3	LC30	LC30/LC50 ⁽²⁾
3273	12.8	3	3	LC30	LC30/LC50 ⁽²⁾

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(-) = Not Applicable

(T) = Tempered required due to aspect ratio.

(1) Maximum performance when glazed with the appropriate glass thickness.

(2) Second number shown requires tempered glass and DP kit. Florida certification documents DP50 with kit installed (Fixed: FL 20653). Unit label will indicate DP30 since kit is not factory installed.

Review Pella Instructions and FPAS documentation for installation requirements.

To convert areas to square meters (m²), multiply square feet by 0.0929.



Lifestyle Series Casement

Design Data

Dual-Pane Fixed					
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ₁	
		Annealed	Tempered	Annealed	Tempered
3517	2.5	2.5	3	LC50	LC50
3521	3.4	2.5	3	LC50	LC50
3523	3.8	2.5	3	LC50	LC50
3525	4.2	2.5	3	LC50	LC50
3529	5.0	2.5	3	LC50	LC50
3532	5.7	2.5	3	LC50	LC50
3535	6.3	2.5	3	LC50	LC50
3541	7.5	2.5	3	LC50	LC50
3547	8.8	2.5	3	LC50	LC50
3553	10.0	2.5	3	LC45	LC50
3559	11.3	3	3	LC50	LC50
3565	12.6	3	3	LC30	LC30/LC50 ₍₂₎
3571	13.8	3	3	LC30	LC30/LC50 ₍₂₎
3573	14.2	3	3	LC30	LC30/LC50 ₍₂₎
4117	3.0	2.5	3	LC50	LC50
4121	4.0	2.5	3	LC50	LC50
4123	4.5	2.5	3	LC50	LC50
4125	5.0	2.5	3	LC50	LC50
4129	6.0	2.5	3	LC50	LC50
4132	6.8	2.5	3	LC50	LC50
4135	7.5	2.5	3	LC50	LC50
4141	9.0	2.5	3	LC30	LC30
4147	10.5	3	3	LC30	LC30
4153	12.0	3	3	LC30	LC30
4159	13.6	3	3	LC30	LC30
4165	15.1	3	3	LC30	LC30
4171	16.6	3	3	LC30	LC30
4173	17.1	3	3	LC30	LC30
4717	3.5	2.5	3	LC50	LC50
4721	4.7	2.5	3	LC50	LC50
4723	5.3	2.5	3	LC50	LC50
4725	5.9	2.5	3	LC50	LC50
4729	7.0	2.5	3	LC50	LC50
4732	7.9	2.5	3	LC50	LC50
4735	8.8	2.5	3	LC50	LC50
4741	10.5	3	3	LC30	LC30
4747	12.3	3	3	LC30	LC30
4753	14.1	3	3	LC30	LC30
4759	15.8	3	3	LC30	LC30
4765	17.6	3	3	LC30	LC30
4771	19.3	4	4	LC30	LC30
4773	19.9	4	4	LC30	LC30

Dual-Pane Fixed					
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ₁	
		Annealed	Tempered	Annealed	Tempered
5317	4.0	2.5	3	LC50	LC50
5321	5.4	2.5	3	LC50	LC50
5323	6.0	2.5	3	LC50	LC50
5325	6.7	2.5	3	LC50	LC50
5329	8.0	2.5	3	LC50	LC50
5332	9.0	2.5	3	LC50	LC50
5335	10.0	2.5	3	LC45	LC50
5341	12.0	3	3	LC30	LC30
5347	14.1	3	3	LC30	LC30
5353	16.1	3	4	LC30	LC30
5359	18.1	4	4	LC30	LC30
5365	20.1	4	4	LC30	LC30
5371	22.1	4	4	LC30	LC30
5373	22.7	4	4	LC30	LC30
5917	4.5	2.5	3	LC50	LC50
5921	6.0	2.5	3	LC45	LC50
5923	6.8	2.5	3	LC45	LC50
5925	7.5	2.5	3	LC45	LC50
5929	9.0	2.5	3	LC45	LC50
5932	10.2	2.5	3	LC45	LC50
5935	11.3	3	3	LC50	LC50
5941	13.6	3	3	LC30	LC30
5947	15.8	3	3	LC30	LC30
5953	18.1	4	4	LC30	LC30
5959	20.3	4	4	LC30	LC30
5965	22.6	4	4	LC30	LC30
5971	24.8	4	4	LC30	LC30
5973	25.6	5	5	LC30	LC30
7317T	5.7	---	3	---	LC50
7321	7.6	2.5	3	LC40	LC50
7323	8.5	2.5	3	LC35	LC50
7325	9.5	2.5	3	LC30	LC50
7329	11.4	3.0	3	LC30	LC30/LC50 ₍₂₎

(1) Maximum performance when glazed with the appropriate glass thickness.

(2) Second number shown requires tempered glass and DP kit. Florida certification documents DP50 with kit installed (Fixed: FL 20653). Unit label will indicate DP30 since kit is not factory installed.

Review Pella Instructions and FPAS documentation for installation requirements.

To convert areas to square meters (m²), multiply square feet by 0.0929.



Lifestyle Series Casement

Design Data

Triple-Pane Vent										
Unit	Egress (IRC)	Egress (UDC)	Clear Opening			Vent Area Ft²	Visible Glass Ft²	Standard Glass Thickness (mm)		Performance Class & Grade ¹
			Width (Inches)	Height (Inches)	Ft²			Annealed	Tempered	
1717			7-1/4	12-7/8	0.6	0.8	0.8	2.5	3	LC50
1732			7-1/4	27-7/8	1.4	1.8	2.0	2.5	3	LC50
1735			7-1/4	30-7/8	1.6	2.0	2.2	2.5	3	LC50
1741			7-1/4	36-7/8	1.9	2.4	2.7	2.5	3	LC50
1747			7-1/4	42-7/8	2.2	2.8	3.2	2.5	3	LC50
1753			7-1/4	48-7/8	2.5	3.2	3.6	2.5	3	LC50
1759			7-1/4	54-7/8	2.8	3.6	4.1	2.5	3	LC50
1765 _T			7-1/4	60-7/8	3.1	4.0	4.5	2.5	3	LC50
1771 _T			7-1/4	66-7/8	3.4	4.4	5.0	---	3	LC50
1773 _T			7-1/4	68-7/8	3.5	4.6	5.2	---	3	LC50
2121			11-1/4	16-7/8	1.3	1.5	1.6	2.5	3	LC50
2132			11-1/4	27-7/8	2.2	2.5	2.7	2.5	3	LC50
2135			11-1/4	30-7/8	2.4	2.8	3.0	2.5	3	LC50
2141			11-1/4	36-7/8	2.9	3.4	3.7	2.5	3	LC45/LC50
2147			11-1/4	42-7/8	3.3	4.0	4.3	2.5	3	LC35/LC50
2153			11-1/4	48-7/8	3.8	4.5	4.9	2.5	3	LC35/LC50
2159			11-1/4	54-7/8	4.3	5.1	5.6	2.5	3	LC30/LC50
2165			11-1/4	60-7/8	4.8	5.7	6.2	2.5	3	LC25/LC50
2171			11-1/4	66-7/8	5.2	6.2	6.8	2.5	3	LC25/LC50
2173			11-1/4	68-7/8	5.4	6.4	7.0	2.5	3	LC25/LC50
2323			13-1/4	18-7/8	1.7	1.9	2.0	2.5	3	LC50
2332			13-1/4	27-7/8	2.6	2.9	3.1	2.5	3	LC50
2335			13-1/4	30-7/8	2.8	3.2	3.4	2.5	3	LC50
2341			13-1/4	36-7/8	3.4	3.9	4.2	2.5	3	LC45/LC50
2347			13-1/4	42-7/8	3.9	4.5	4.9	2.5	3	LC35/LC50
2353			13-1/4	48-7/8	4.5	5.2	5.6	2.5	3	LC30/LC50
2359			13-1/4	54-7/8	5.0	5.8	6.3	2.5	3	LC25/LC50
2365			13-1/4	60-7/8	5.6	6.5	7.0	2.5	3	LC25/LC50
2371			13-1/4	66-7/8	6.2	7.2	7.7	2.5	3	R20/LC50
2373			13-1/4	68-7/8	6.3	7.4	7.9	2.5	3	R20/LC50
2525			15-1/4	20-7/8	2.2	2.4	2.5	2.5	3	LC50
2532			15-1/4	27-7/8	3.0	3.3	3.4	2.5	3	LC50
2535			15-1/4	30-7/8	3.3	3.6	3.8	2.5	3	LC50
2541	E ₃	E ₃	20-5/8	36-7/8	5.3	4.4	4.6	2.5	3	LC45/LC50
2547	E ₂	E ₂	20-5/8	42-7/8	6.1	5.1	5.4	2.5	3	LC35/LC50
2553	E ₂	E ₂	20-5/8	48-7/8	7.0	5.9	6.2	2.5	3	LC30/LC50
2559	E ₂	E ₂	20-5/8	54-7/8	7.9	6.6	7.0	2.5	3	LC25/LC50
2565	E ₂	E ₂	20-5/8	60-7/8	8.7	7.3	7.8	2.5	3	R20/LC50
2571	E ₂	E ₂	20-5/8	66-7/8	9.6	8.1	8.6	2.5	3	R20/LC50
2573	E ₂	E ₂	20-5/8	68-7/8	9.9	8.3	8.9	2.5	3	R20/LC50

Continued on next page

International Residential Code (IRC)

Sash position for clear opening on 29" units.

Uniform Dwelling Code (UDC)

Sash position for clear opening on 29" units.

w/ standard hardware

w/ side pivot hardware

Check all applicable local codes for emergency egress requirements.

Shaded portion shows vent area with window open 90° using standard hardware.

VENT AREA

Egress Notes:

Check all applicable local codes for emergency egress requirements.

E₂ = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E₃ = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

(-) = Not Applicable

(T) = Tempered required due to aspect ratio.

(1) Maximum performance when glazed with the appropriate glass thickness.

Second value, where shown, requires tempered glass.



Lifestyle Series Casement

Design Data

Triple-Pane Vent										
Unit	Egress (IRC)	Egress (UDC)	Clear Opening			Vent Area Ft ²	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ¹
			Width (Inches)	Height (Inches)	Ft ²			Annealed	Tempered	
2929			20	24-7/8	3.5	3.6	3.7	2.5	3	LC50
2932			20	27-7/8	3.9	4.0	4.2	2.5	3	LC50
2935	E ₃	E ₃	24-5/8	30-7/8	5.3	4.5	4.7	2.5	3	LC50
2941	E ₁ , E ₂	E ₂	24-5/8	36-7/8	6.3	5.4	5.6	2.5	3	LC45/LC50
2947	E	E ₂	20	42-7/8	6.0	6.3	6.6	2.5	3	LC35/LC50
2953	E	E ₂	20	48-7/8	6.8	7.2	7.5	2.5	3	LC30/LC50
2959	E	E ₂	20	54-7/8	7.6	8.1	8.5	2.5	3	LC25/LC50
2965	E	E ₂	20	60-7/8	8.5	9.0	9.5	2.5	3	R20/LC50
2971	E	E ₂	20	66-7/8	9.3	9.9	10.4	3	3	LC25/LC50
2973	E	E ₂	20	68-7/8	9.6	10.2	10.7	3	3	LC25/LC50
3232	E ₃	E ₃	22-1/4	27-7/8	4.3	4.6	4.7	2.5	3	LC50
3235	E ₂	E ₂	27-5/8	30-7/8	5.9	5.1	5.3	2.5	3	LC45/LC50
3241	E ₁ , E ₂	E ₁ , E ₂	27-5/8	36-7/8	7.1	6.1	6.3	2.5	3	LC40/LC50
3247	E	E	22-1/4	42-7/8	6.6	7.1	7.4	2.5	3	LC35/LC50
3253	E	E	22-1/4	48-7/8	7.6	8.2	8.5	2.5	3	LC30/LC50
3259	E	E	22-1/4	54-7/8	8.5	9.2	9.6	2.5	3	LC25/LC50
3265	E	E	22-1/4	60-7/8	9.4	10.2	10.7	3	3	LC30/LC50
3271	E	E	22-1/4	66-7/8	10.3	11.3	11.8	3	3	LC25/LC50
3273	E	E	22-1/4	68-7/8	10.6	11.6	12.1	3	3	LC25/LC50
3535	E ₁ , E ₂	E ₁ , E ₂	30-5/8	30-7/8	6.6	5.7	5.9	2.5	3	LC40/LC50
3541	E	E	25-1/4	36-7/8	6.5	6.9	7.1	2.5	3	LC35/LC50
3547	E	E	25-1/4	42-7/8	7.5	8.0	8.3	2.5	3	LC30/LC50
3553	E	E	25-1/4	48-7/8	8.6	9.2	9.5	2.5	3	LC25/LC50
3559	E	E	25-1/4	54-7/8	9.6	10.3	10.7	3	3	LC35/LC50
3565	E	E	25-1/4	60-7/8	10.7	11.5	11.9	3	3	LC30/LC50
3571	E	E	25-1/4	66-7/8	11.7	12.6	13.1	3	3	LC25/LC50
3573	E	E	25-1/4	68-7/8	12.1	13.0	13.5	3	3	LC25/LC50

International Residential Code (IRC)

Sash position for clear opening on 29" units.

Uniform Dwelling Code (UDC)

Sash position for clear opening on 29" units.

w/ standard hardware

w/ side pivot hardware

CLEAR OPENING HEIGHT

Check all applicable local codes for emergency egress requirements.

VENT AREA

Shaded portion shows vent area with window open 90° using standard hardware.

Egress Notes:

Check all applicable local codes for emergency egress requirements.

E = Window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E₁ = Window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

E₂ = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.7 ft².

E₃ = With optional side pivot hardware, window meets minimum clear opening of 24" height, 20" width, and 5.0 ft².

Clear opening (egress) information does not take into consideration the addition of a Rolscreen (or any other accessory) to the product.

Consult your local building code to ensure products with Rolscreens meet egress requirements.

(1) Maximum performance when glazed with the appropriate glass thickness.
Second value, where shown, requires tempered glass.



Lifestyle Series Casement

Design Data

Triple-Pane Fixed					
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ₁	
		Annealed	Tempered	Annealed	Tempered
1717	0.8	2.5	3	CW50	CW50
1721	1.2	2.5	3	CW50	CW50
1723	1.3	2.5	3	CW50	CW50
1725	1.5	2.5	3	CW50	CW50
1729	1.8	2.5	3	CW50	CW50
1732	2.0	2.5	3	CW50	CW50
1735	2.2	2.5	3	CW50	CW50
1741	2.7	2.5	3	CW50	CW50
1747	3.2	2.5	3	CW50	CW50
1753	3.6	2.5	3	CW50	CW50
1759	4.1	2.5	3	CW50	CW50
1765 _T	4.5	---	3	---	CW50
1771 _T	5.0	---	3	---	CW50
1773 _T	5.2	---	3	---	CW50
2117	1.2	2.5	3	CW50	CW50
2121	1.6	2.5	3	CW50	CW50
2123	1.8	2.5	3	CW50	CW50
2125	2.0	2.5	3	CW50	CW50
2129	2.4	2.5	3	CW50	CW50
2132	2.7	2.5	3	CW50	CW50
2135	3.0	2.5	3	CW50	CW50
2141	3.7	2.5	3	CW45	CW50
2147	4.3	2.5	3	CW35	CW50
2153	4.9	2.5	3	CW35	CW50
2159	5.6	2.5	3	CW30	CW50
2165	6.2	2.5	3	LC25	CW50
2171	6.8	2.5	3	LC25	CW50
2173	7.0	2.5	3	LC25	CW50
2317	1.3	2.5	3	CW50	CW50
2321	1.8	2.5	3	CW50	CW50
2323	2.0	2.5	3	CW50	CW50
2325	2.3	2.5	3	CW50	CW50
2329	2.7	2.5	3	CW50	CW50
2332	3.1	2.5	3	CW50	CW50
2335	3.4	2.5	3	CW50	CW50
2341	4.2	2.5	3	CW45	CW50
2347	4.9	2.5	3	CW35	CW50
2353	5.6	2.5	3	CW30	CW50
2359	6.3	2.5	3	LC25	CW50
2365	7.0	2.5	3	LC25	CW50
2371	7.7	2.5	3	R20	CW50
2373	7.9	2.5	3	R20	CW50

Triple-Pane Fixed					
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ₁	
		Annealed	Tempered	Annealed	Tempered
2517	1.5	2.5	3	CW50	CW50
2521	2.0	2.5	3	CW50	CW50
2523	2.3	2.5	3	CW50	CW50
2525	2.5	2.5	3	CW50	CW50
2529	3.1	2.5	3	CW50	CW50
2532	3.4	2.5	3	CW50	CW50
2535	3.8	2.5	3	CW50	CW50
2541	4.6	2.5	3	CW45	CW50
2547	5.4	2.5	3	CW35	CW50
2553	6.2	2.5	3	CW30	CW50
2559	7.0	2.5	3	LC25	CW50
2565	7.8	2.5	3	R20	CW50
2571	8.6	2.5	3	R20	CW50
2573	8.9	2.5	3	R20	CW50
2917	1.8	2.5	3	CW50	CW50
2921	2.4	2.5	3	CW50	CW50
2923	2.7	2.5	3	CW50	CW50
2925	3.1	2.5	3	CW50	CW50
2929	3.7	2.5	3	CW50	CW50
2932	4.2	2.5	3	CW50	CW50
2935	4.7	2.5	3	CW50	CW50
2941	5.6	2.5	3	CW45	CW50
2947	6.6	2.5	3	CW35	CW50
2953	7.5	2.5	3	CW30	CW50
2959	8.5	2.5	3	LC25	CW50
2965	9.5	2.5	3	R20	CW50
2971	10.4	3	3	LC25	CW50
2973	10.7	3	3	LC25	CW50
3217	2.0	2.5	3	CW50	CW50
3221	2.7	2.5	3	CW50	CW50
3223	3.1	2.5	3	CW50	CW50
3225	3.4	2.5	3	CW50	CW50
3229	4.2	2.5	3	CW50	CW50
3232	4.7	2.5	3	CW50	CW50
3235	5.3	2.5	3	CW45	CW50
3241	6.3	2.5	3	CW40	CW50
3247	7.4	2.5	3	CW35	CW50
3253	8.5	2.5	3	CW30	CW50
3259	9.6	2.5	3	LC25	CW50
3265	10.7	3.0	3	CW30	CW50
3271	11.8	3	3	LC25	CW50
3273	12.1	3	3	LC25	CW50

Continued on next page

(-) = Not Applicable

(T) = Tempered required due to aspect ratio.

(1) Maximum performance when glazed with the appropriate glass thickness.

To convert areas to square meters (m²), multiply square feet by 0.0929.



Lifestyle Series Casement

Design Data

Triple-Pane Fixed					
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ⁽¹⁾	
		Annealed	Tempered	Annealed	Tempered
3517	2.2	2.5	3	CW50	CW50
3521	3.0	2.5	3	CW50	CW50
3523	3.4	2.5	3	CW50	CW50
3525	3.8	2.5	3	CW50	CW50
3529	4.7	2.5	3	CW50	CW50
3532	5.3	2.5	3	CW45	CW50
3535	5.9	2.5	3	CW40	CW50
3541	7.1	2.5	3	CW35	CW50
3547	8.3	2.5	3	CW30	CW50
3553	9.5	2.5	3	LC25	CW50
3559	10.7	3	3	CW35	CW50
3565	11.9	3	3	CW30	CW50
3571	13.1	3	3	LC25	CW50
3573	13.5	3	3	LC25	CW50
4117	2.7	2.5	3	CW50	CW50
4121	3.7	2.5	3	CW45	CW50
4123	4.2	2.5	3	CW45	CW50
4125	4.6	2.5	3	CW45	CW50
4129	5.6	2.5	3	CW45	CW50
4132	6.3	2.5	3	CW40	CW50
4135	7.1	2.5	3	CW35	CW50
4141	8.5	2.5	3	CW30	CW50
4147	10.0	2.5	3	LC25	CW50
4153	11.5	3	3	CW35	CW50
4159	12.9	3	3	CW30	CW50
4165	14.4	3	3	CW30	CW50
4171	15.8	3	3	LC25	CW50
4173	16.3	3	3	LC25	CW50
4717	3.2	2.5	3	CW50	CW50
4721	4.3	2.5	3	CW35	CW50
4723	4.9	2.5	3	CW35	CW50
4725	5.4	2.5	3	CW35	CW50
4729	6.6	2.5	3	CW35	CW50
4732	7.4	2.5	3	CW35	CW50
4735	8.3	2.5	3	CW30	CW50
4741	10.0	2.5	3	LC25	CW50
4747	11.7	3	3	CW35	CW50
4753	13.4	3	3	CW30	CW50
4759	15.1	3	3	LC25	CW50
4765	16.8	3	3	LC25	CW50
4771	18.6	4	4	CW30	CW50
4773	19.1	4	4	CW30	CW50

Triple-Pane Fixed					
Unit	Visible Glass Ft ²	Standard Glass Thickness (mm)		Performance Class & Grade ⁽¹⁾	
		Annealed	Tempered	Annealed	Tempered
5317	3.6	2.5	3	CW50	CW50
5321	4.9	2.5	3	CW35	CW50
5323	5.6	2.5	3	CW30	CW50
5325	6.2	2.5	3	CW30	CW50
5329	7.5	2.5	3	CW30	CW50
5332	8.5	2.5	3	CW30	CW50
5335	9.5	2.5	3	LC25	CW50
5341	11.5	3	3	CW35	CW50
5347	13.4	3	3	CW30	CW50
5353	15.4	3	3	LC25	CW50
5359	17.3	3	3	LC25	CW50
5365	19.3	4	4	CW30	CW50
5371	21.3	4	4	CW30	CW50
5373	21.9	4	4	CW30	CW50
5917	4.1	2.5	3	CW50	CW50
5921	5.6	2.5	3	CW30	CW50
5923	6.3	2.5	3	LC25	CW50
5925	7.0	2.5	3	LC25	CW50
5929	8.5	2.5	3	LC25	CW50
5932	9.6	2.5	3	LC25	CW50
5935	10.7	3	3	CW35	CW50
5941	12.9	3	3	CW30	CW50
5947	15.1	3	3	LC25	CW50
5953	17.3	3	3	LC25	CW50
5959	19.6	4	4	CW30	CW50
5965	21.8	4	4	CW30	CW50
5971	24.0	4	4	LC25	CW50
5973	24.7	4	4	LC25	CW50
7317 _T	5.2	---	3	---	CW50
7321	7.0	2.5	3	LC25	CW50
7323	7.9	2.5	3	R20	CW50
7325	8.9	2.5	3	R20	CW50
7329	10.7	3	3	LC25	CW50

(T) = Tempered required due to aspect ratio.

(1) Maximum performance when glazed with the appropriate glass thickness.

To convert areas to square meters (m²), multiply square feet by 0.0929.



Lifestyle Series Casement

Detailed Product Description

Frame

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are clear pine.
- Exterior surfaces are clad with aluminum.
- Components are assembled with screws, staples and concealed corner locks.
- Overall frame depth is 5" (127mm) for a wall depth of 3-11/16" (94mm).
- Optional factory-applied jamb extensions available between 3-13/16" (97mm) and 9-3/16" (233mm).
- Optional factory-installed fold-out installation fins with flexible fin corners.
- Optional factory-applied EnduraClad® exterior trim.
- Optional factory-installed Pella Steady Set Installation System.

Sash

- Select softwood, immersion treated with Pella's EnduraGuard® wood protection formula in accordance with WDMA I.S.-4. The EnduraGuard formula includes three active ingredients for protection against the effects of moisture, decay, stains from mold and mildew. Plus, an additional ingredient adds protection against termite damage.
- Interior exposed surfaces are clear pine.
- Exterior surfaces are clad with aluminum, lap-jointed and sealed.
- Corners mortised and tenoned, glued and secured with metal fasteners.
- Sash thickness is [1-3/4" (45mm) dual-pane] [2-3/16" (55mm) triple-pane, (2-1/4" (57mm) including hinged glass panel)].

Weatherstripping

- Dual weatherstripping.
 - Flexible santoprene material compressed between frame and sash for positive seal on all four sides.
 - Secondary thermoplastic vulcanizate (TPV) weatherstrip between edge of sash and frame [Dual-Pane: leaf-type on the vertical sides and bottom side, and Santoprene® bulb-type weatherstrip on the top side] [Triple-Pane: leaf-type on all four sides].

Glazing System

- Quality float glass complying with ASTM C 1036.
- High altitude glazing available.
- Silicone-glazed 11/16" [obscure] dual-seal insulating glass [[annealed] [tempered]] [[Advanced] [SunDefense™] [SunDefense+] [AdvancedComfort] [NaturalSun] [NaturalSun+] Low-E [with argon]].
-or-
- Triple-Pane Glazing System:
 - Exterior silicone-glazed 11/16" [obscure] dual-seal insulating glass, [[annealed] [tempered]] [[Advanced] [SunDefense™] [SunDefense+] [AdvancedComfort] [NaturalSun] [NaturalSun+] Low-E [with argon].
 - Interior hinged glass panel set in a [veneered fiberglass composite] [aluminum (advanced comfort)] frame finished to match interior (aluminum frames are veneered for stain finishes), fitted to sash with continuous gasket seal, clear [annealed] [tempered] glass.
 - Airspace between insulating glass and hinge glass panel is 1-1/32".

Exterior

- Exterior aluminum surfaces are finished with EnduraClad® protective finish, in a multi-step, baked-on finish.
- Finish color [Standard [Black] [White] [Brown] [Fossil]] [Feature [Iron Ore] Wolf gray] [Classic White] [Almond] [Portobello] [Putty] [Brick Red] [Hartford Green]].
- Interior
- [Unfinished, ready for site finishing] [factory primed with one coat acrylic latex] [factory prefinished [White] [Linen White] [Bright White] [stain1]].

Hardware

- Roto operator assembly
 - Steel worm gear sash operator with hardened gears.
 - Operator base to be zinc die cast with painted finish.
 - Operator linkage, hinge slide, and hinge arms are stainless steel.
 - Exposed fasteners are stainless steel.
 - Hardware will exceed 1,000 hours salt spray exposure per ASTM B 117.
- SureLock System — A single handle locking system which operates positive-acting arms that reach out and pull the sash into a locked position: one operating lock installed on units with lock-side frame dimension [Dual-pane ≤ 29"] [Triple-pane ≤ 41"], Unison lock system: two operating locks are installed on units with lock-side frame dimension [Dual-pane > 29"] [Triple-pane > 41"].
- Standard Integrated fold-away crank and lock handle finish is [baked enamel [Champagne] [White] [Brown] [Matte Black]] [Satin Brass] [Satin Nickel].

Optional Products

Grilles

- Simulated-Divided-Light [with optional spacer] (Dual-pane glazing)
 - 7/8" Grilles permanently bonded to the interior and exterior of glass.
 - Patterns are [Traditional] [Prairie] [Cross] [Top Row] [Custom – Equally Divided].
 - Interior surfaces are [unfinished, ready for site finishing] [factory primed] [pine: factory prefinished [White] [Linen White] [Bright White] [stain1]].
 - Exterior color to match the exterior cladding color.
- Simulated-Divided-Light with Grilles-Between-the-Glass (Triple-pane glazing)
 - 3/4" Grilles permanently bonded to the exterior of glass.
 - Patterns are [Traditional] [Prairie] [Cross] [Top Row] [Custom – Equally Divided].
 - Exterior color to match the exterior cladding color.
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
 - Interior color is [White] [Ivory] [Tan3] [Brickstone3] [Black] [Putty3] [Brown] [Harvest] [Cordovan].

– or –

- Grilles-Between-the-Glass2
 - Insulating glass contains 3/4" contoured aluminum grilles permanently installed between two panes of glass.
 - Patterns are [Traditional] [9-Lite Prairie] [Top Row] [Cross] [Custom – Equally Divided].
 - Interior color is [White] [Ivory] [Tan3] [Brickstone3] [Black] [Putty3] [Brown] [Fossil] [Harvest] [Cordovan].
 - Exterior color [matched to the exterior cladding color] [White]4.

Flat Insect Screen

- InView™ Screens
 - Vinyl-coated 18/18 mesh fiberglass screen cloth complying with the performance requirements of SMA 1201, set in aluminum frame fitted to inside of window, supplied complete with all necessary hardware.
 - Screen frame finish is baked enamel, [Champagne] [White] [Brown] [Black].
- or –
- Rolscreen® Soft-close Retractable Screen
 - InView™ Screen cloth, self-storing, rolling, black vinyl-coated 18/18 mesh fiberglass screen cloth complying with ASTM D 3656 and the performance requirements of SMA 1201 mounted behind overhead cover.
 - Cover finish is [factory prefinished paint1] [pine veneer wrapped over extruded aluminum with factory prefinished stain1].
 - Guides are aluminum extrusion with [pine veneer wrapped over extruded aluminum with factory prefinished stain1] [factory prefinished paint1].

Integrated Between-the-Glass Window Fashions (Triple-Pane glazing only)

- Slimshade® Blinds
 - 15 mm aluminum slat, bottom-up blinds with polyester cord ladder
 - Installed in sash between double glazing and interior hinged glass panel.
 - Operated with cordless operator or motorized with Insynctive® technology.
- or –
- Cellular Fabric Shades
 - 11/16" width, bottom-up shades with hidden polyester cord, spun bond Polyethylene Terephthalate (PET) cellular fabric.
 - Installed in sash between double glazing and interior hinged glass panel.
 - Operated with cordless operator or motorized with Insynctive® technology.

Hardware

- Optional factory applied limited opening hardware available for vent units in stainless steel; nominal 3" opening.
- Optional window opening control device available for field installation. Device allows window to open less than 4" with normal operation, with a release mechanism that allows the sash to open completely. Complies with ASTM F2090-17.

Sensors

- Optional factory installed integrated security sensors available in vent units.

(1) Contact your local Pella sales representative for current designs and color options.

(2) Available on units glazed with Low-E insulated glass with argon, and obscure insulated glass.

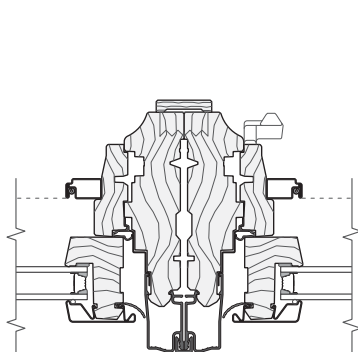
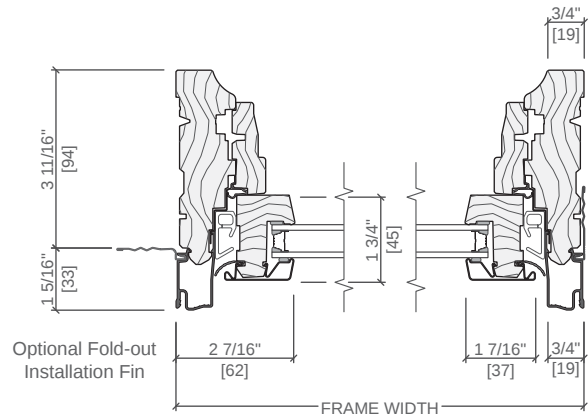
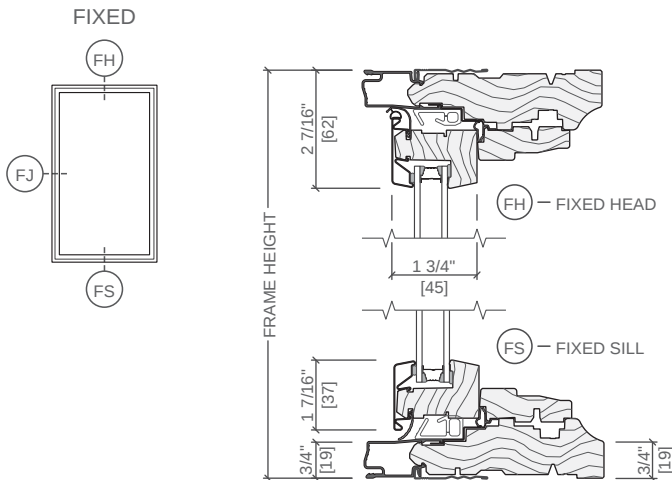
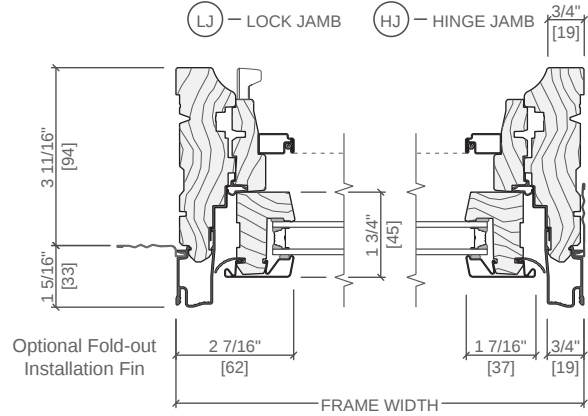
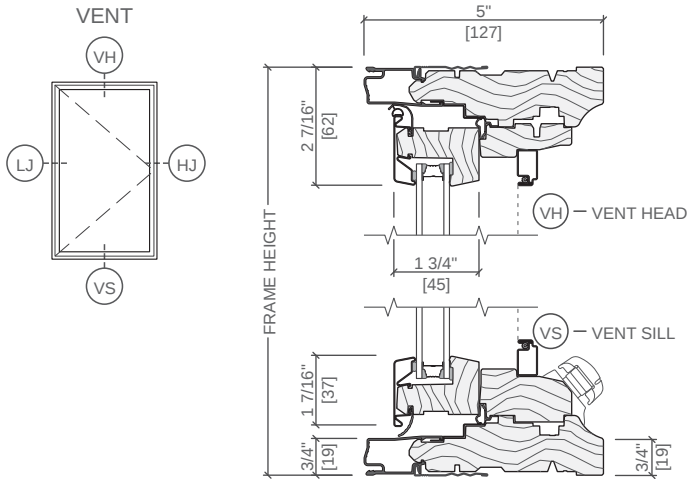
(3) Tan, brickstone and putty Interior GBG colors are available only with matching interior and exterior colors.

(4) Appearance of exterior grille color will vary depending on Low-E coating on glass

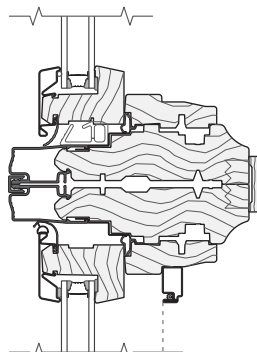


Lifestyle Series Casement

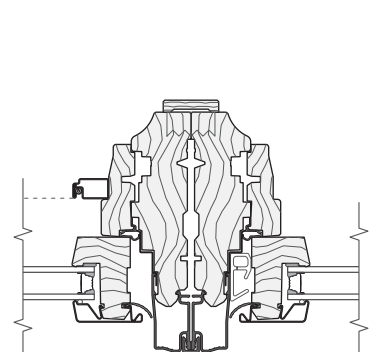
Unit Sections - Dual-Pane



VERTICAL JOINING MULLION
VENT / VENT



HORIZONTAL JOINING MULLION
FIXED / VENT



VERTICAL JOINING MULLION
VENT / FIXED

Scale 3" = 1' 0"

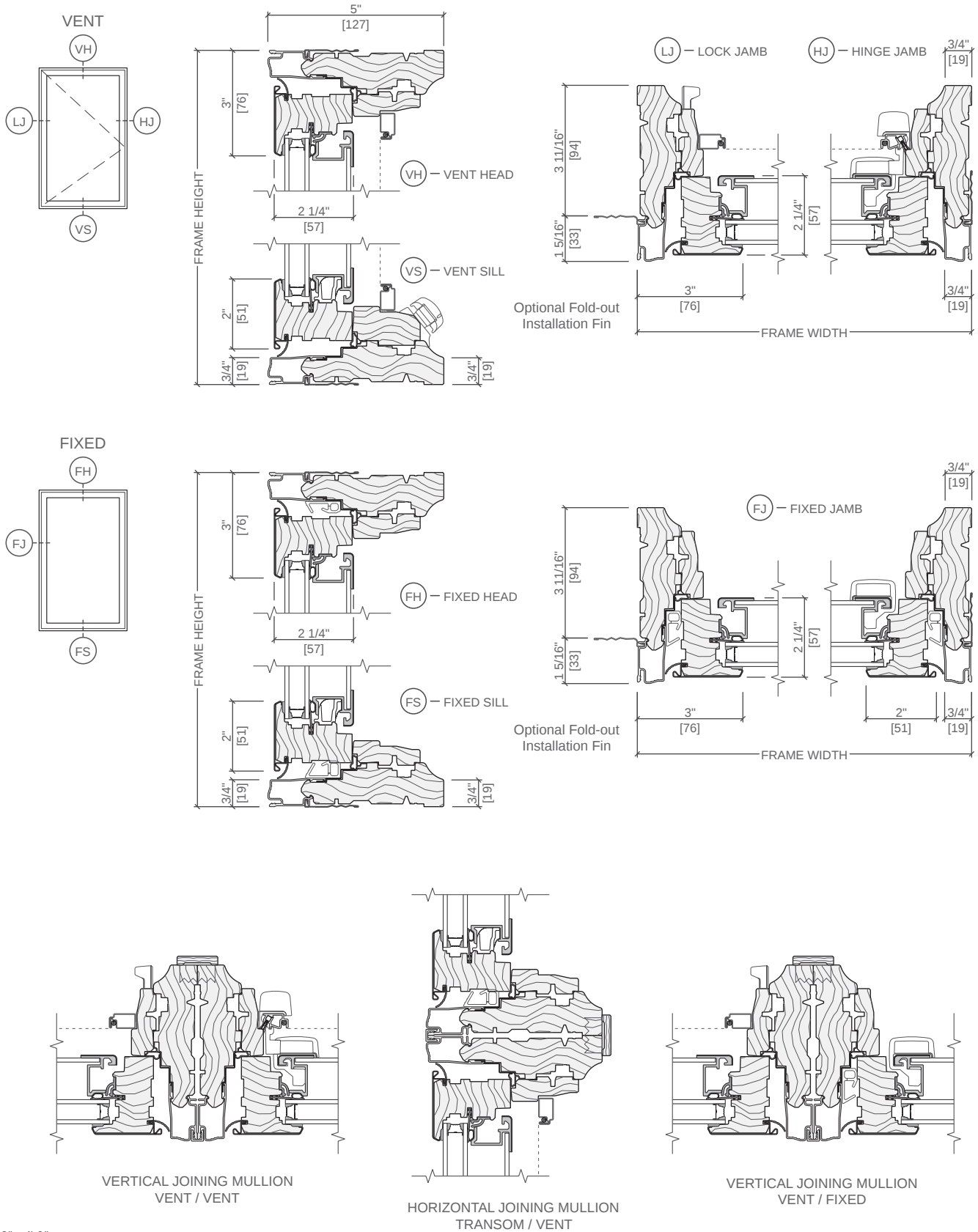
All dimensions are approximate.

See supporting document Combination Recommendations for mullion limitations and reinforcing requirements.



Lifestyle Series Casement

Unit Sections - Triple-Pane



Scale 3" = 1' 0"

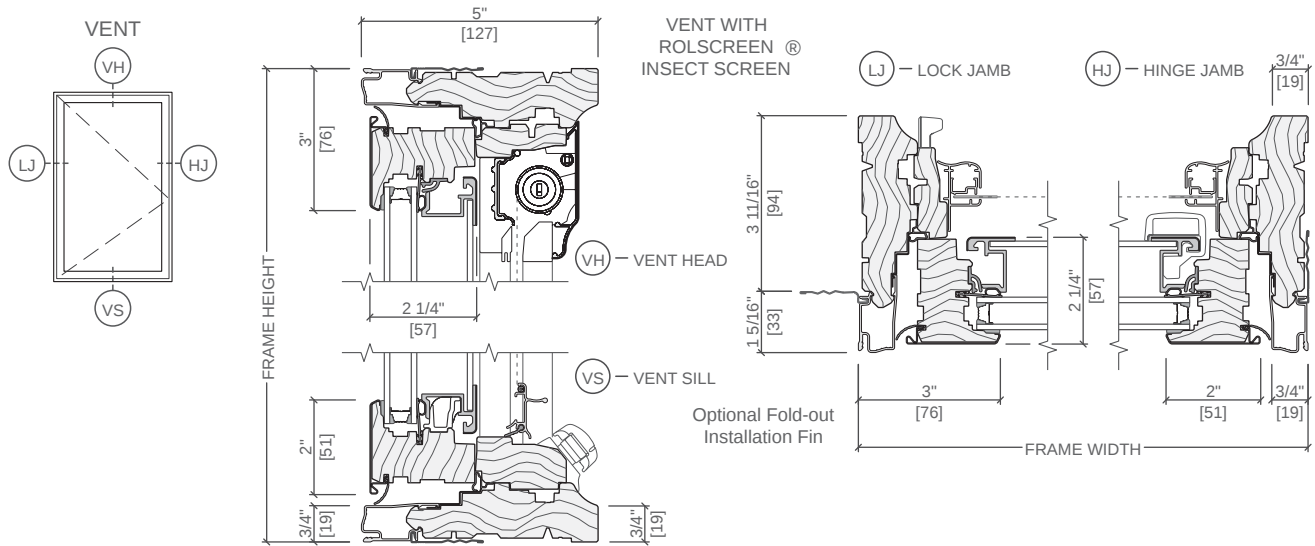
All dimensions are approximate.

See supporting document Combination Recommendations for mullion limitations and reinforcing requirements.



Lifestyle Series Casement

Unit Sections - Triple-Pane



Scale 3" = 1' 0"
All dimensions are approximate.
See supporting document Combination Recommendations for mullion limitations and reinforcing requirements.



Product Selection Guide

Size and Performance Data..... 250-HPD-2

Sound Transmission Class and Outdoor-Indoor Transmission Class 250-HPD-2

Features and Options..... 250-HPD-3

Glazing Performance..... 250-HPD-4

Special Sizes and Dimensions 250-HPD-5

Design Data 250-HPD-7

Detailed Product Description..... 250-HPD-8

Unit Sections

Frame Types Overview..... 250-HPD-9

In-swing 1" Setback Nail Fin..... 250-HPD-11

In-swing 1-3/8" Setback Nail Fin 250-HPD-14

In-Swing Flush Flange 250-HPD-17

In-Swing Block Frame 250-HPD-20

Out-Swing 1" Setback Nail Fin..... 250-HPD-23

Out-swing 1-3/8" Setback Nail Fin..... 250-HPD-26

Out-Swing Flush Flange 250-HPD-29

Out-Swing Block Frame..... 250-HPD-32

Document Navigation Tips:

Items listed in the table of contents above are active links that will take you to the corresponding page.

The Pella logo on each page is a link back to this table of contents.

Bookmarks are also included in this PDF document and are available as an additional navigation option.

The information published in this document is believed to be accurate at the time of publication. However, because we are constantly working to improve our products, specifications are subject to change without notice. Consult your local Pella representative for regional availability and up-to-date product information.



250 Series Premium Hinged Patio Doors

Size and Performance Data

Premium Hinged Patio Door	
Sizes	
Standard Sizes ₁	S
Special Sizes Available Built on 1/8" Increments	O
Frames	
Nail Fin - 1" setback for 4-1/2" Wall Depth and 1-3/8" setback for 3-7/8" setback	S
Block Frame - 5-1/4" Frame Depth	S
Flush Flange - 5" Wall Depth	O
Performance ₂	
Meets or Exceeds AAMA/WDMA Ratings	LC-PG25 - PG30
Air Infiltration ₄ (cfm/ft ² of frame @ 1.57 psf wind pressure)	1.6 psf
Design Pressure (psf)	25 - 30 psf
Water Resistance (psf)	3.76 - 4.59 psf
Forced Entry ₃	10

Sound Transmission Class and Outdoor-Indoor Transmission Class

Frame Size Tested	Glazing System				STC Rating	OITC Rating
	Overall Glazing Thickness	Exterior Glass Thickness	Interior Glass Thickness	Third Pane Thickness		
Hinged Door – Dual-Pane Insulating Glass						
—	7/8"	3mm	3mm	—	30	25
Hinged Door – Triple-Pane Insulating glass						
—	1-1/4"	3mm	3mm	3mm	30	25

S = Standard; O = Optional; (—) = Not Available

(1) See size charts in this section for available sizes.

(2) Published performance data is for single unit only.

(3) The higher the level, the greater the product's ability to resist forced entry.

The presence of low-E or argon have negligible effect on sound attenuation characteristics.

Performance with additional options may not be the same as Standard and Special size units. Please contact your local Pella representative for complete information.



250 Series Premium Hinged Patio Doors

Features and Options

	250 Series Premium Hinged Patio Door
Glazing	
Glazing Type	
Dual-pane insulating glass	S
Triple-pane insulating glass	O
Insulated Glass Options / Low-E Types	
Advanced Low-E	S
SunDefense™ Low-E	O
Additional Glazing Options	
Tempered Glass	S
Gas Fill / High Altitude	
Argon	S
High altitude	O
Interior/Exterior Color	
White Interior/White Exterior	S
Beige Interior/Beige Exterior	O
White Interior/Brown Exterior	O
Black Interior/Black Exterior	O
White Interior/Black Exterior	O
Door Handle Finishes	
Color matched to frame	S
Additional Interior Finishes (Satin Nickel)	O
Keyed Lock	O

S = Standard; O = Optional

(1) Not available with triple-pane glazing.



250 Series Premium Hinged Patio Doors

Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown						
			Ext.	Int.		U-Factor	SHGC	VLT	CR	U. S.				Canada ₂		
										Zone				ER	Zone	
3/4" Dual-Pane Insulating glass										N	NC	SC	S	CA		
3/4"	Advanced Low-E IG	WDI-A-35-01153-00001	3	3	air	0.38	0.25	0.45	46							
3/4"	Advanced Low-E IG	WDI-A-35-01465-00001	3	3	argon	0.35	0.24	0.45	46							
3/4"	Advanced Low-E IG	WDI-A-35-01181-00001	5	5	air	0.38	0.24	0.44	46							
3/4"	Advanced Low-E IG	WDI-A-35-01493-00001	5	5	argon	0.35	0.24	0.44	46							
3/4"	SunDefense+ Low-E IG	WDI-A-35-01191-00001	3	3	air	0.38	0.19	0.42	46							
3/4"	SunDefense™ Low-E IG	WDI-A-35-01503-00001	3	3	argon	0.35	0.18	0.42	46							
3/4"	SunDefense™ Low-E IG	WDI-A-35-01219-00001	5	5	air	0.37	0.19	0.41	46							
3/4"	SunDefense™ Low-E IG	WDI-A-34-02647-00001	5	5	argon	0.34	0.18	0.41	46							

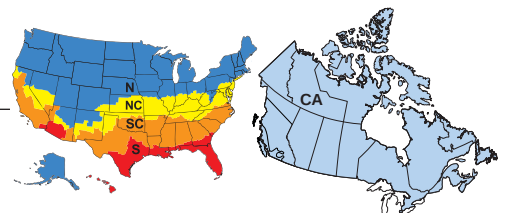
Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)			Gap Fill	Performance Values ₁				Shaded Areas Meet ENERGY STAR® Performance Criteria in Zones Shown					
			Ext.	Middle	Int.		U-Factor	SHGC	VLT	CR	U. S.				Canada ₂	
											Zone				ER	Zone
1" Triple-Pane Insulating glass											N	NC	SC	S		CA
1-1/4"	SunDefense™ Low-E IG	WDI-A-35-01673-00001	3	3	3	argon	0.27	0.16	0.30	45	N	NC	SC	S		
1-1/4"	SunDefense™ Low-E IG	WDI-A-35-01685-00001	4	4	4	argon	0.28	0.16	0.30	45	N	NC	SC	S		

R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

(1) Glazing performance values are calculated based on NFRC 100, NFRC 200 and NFRC 500. ENERGY STAR® values are updated to 2023 (Version 7) criteria.

(2) The values shown are based on Canada's updated ENERGY STAR® 2020 initiative.

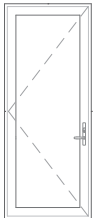
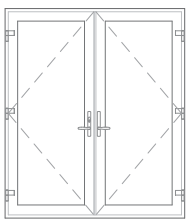
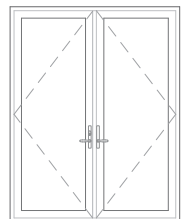
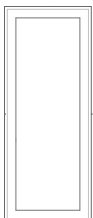
Visit www.energystar.gov for Energy Star guidelines.





250 Series Premium Hinged Patio Doors

Special Size and Dimensions

Type	Example	Frame Dimensions				Panel Dimensions				
		Min. Width	Min. Height	Max. Width	Max. Height	Min. Width	Min. Height	Max. Width	Max. Height	Max. Area
Single Door Out-Swing Left or Right		21-9/16" (548)	32-5/8" (829)	44-9/16" (1 132)	102" (2 591)	19" (483)	30" (762)	42" (1 067)	99-3/8" (2 524)	24 sq ft. (2.2 sq m)
Single Door In-Swing Left or Right		21-9/16" (548)	32-7/8" (835)	44-9/16" (1 132)	102" (2 591)	19" (483)	29-13/16" (757)	42" (1 067)	98-15/16" (2 513)	24 sq ft. (2.2 sq m)
Double Door Out-Swing Left or Right Primary		41-7/16" (1 053)	32-5/8" (829)	87-3/8" (2 219)	102" (2 591)	19" (483)	30" (762)	42" (1 067)	99-3/8" (2 524)	24 sq ft. (2.2 sq m)
Double Door In-Swing Left or Right Primary		41-7/16" (1 053)	32-7/8" (835)	87-3/8" (2 219)	102" (2 591)	19" (483)	29-13/16" (757)	42" (1 067)	98-15/16" (2 513)	24 sq ft. (2.2 sq m)
Transom		23-3/8" (594)	17-3/8" (441)	96" (2 438)	45-1/8" (1 146)	NA	NA	NA	NA	NA
Sidelite		17-5/16" (440)	23-3/8" (594)	45-1/8" (1 146)	102" (2 591)	NA	NA	NA	NA	NA

General Notes:

- Special sizes are available within the parameters shown on 1/16" increments.
- FH = Rough Opening - 0.5"; FW = Rough Opening - 0.5"
- Max frame height measurements apply only to units with standard sills.
- The combined frame width and frame height cannot exceed a panel square footage of 24 sq. ft.
- Fixed Sidelight and Fixed Transom Min & Max sizes are intended for combination units only, stand-alone units aren't available

To convert areas to square meters (m²), multiply square feet by 0.0929.



250 Series Premium Hinged Patio Doors

Special Size and Dimensions

Miscellaneous Formulas

	Out-Swing Doors		In-Swing Doors	
	Standard Sill	Low Profile Sill	Standard Sill	Low Profile Sill
Panel	$PH = FH - 2.625$	$PH = FH - 2.875$	$PH = FH - 3$	$PH = FH - 2.875$
	Single PW = FW - 2.5625		Single PW = FW - 2.5625	
	Double PW = $(FW \div 2) - 1.6875$		Double PW = $(FW \div 2) - 1.6875$	
Actual Glass	Glass Height = $FH - 8.773$	Glass Height = $FH - ?$	Glass Height = $FH - 9.088$	Glass Height = $FH - ?$
	Single Doors Glass Width = $PW - 8.71$		Single Doors Glass Width = $FW - 8.71$	
	Double Doors Glass Width = $(FW \div 2) - 7.843$		Double Doors Glass Width = $(FW \div 2) - 7.843$	
Visible Glass	VG Height = Frame Height - 10.125	Glass Height = $FH - ?$	VG Height = Frame Height - 10.125	Glass Height = $FH - ?$
	Single Doors VG Width = Frame Width - 10.0625		Single Doors VG Width = Frame Width - 10.0625	
	Double Doors VG Width = $(FW \div 2) - 9.1875$		Double Doors VG Width = $(FW \div 2) - 9.1875$	
Clear Opening Height	= $FH - 4.075"$	= $FH - 2.225$	= $FH - 4.075"$	= $FH - 2.225$
Clear Opening Width @ 90 Degrees	Single Door = $FW - 5$		Single Door = $FW - 5$	
	Double Door (Active/Single Panel) = $(FW \div 2) - 4.106$		Double Door (Active/Single Panel) = $(FW \div 2) - 4.106$	
	Double Door (Both Panels) = $FW - 6.559$		Double Door (Both Panels) = $FW - 6.559$	
Clear Opening Width @ 172 Degrees	Single Door = $FW - 3.45$		Single Door = $FW - 3.45$	
	Double Door (Active/Single Panel) = $(FW \div 2) - 2.552$		Double Door (Active/Single Panel) = $(FW \div 2) - 2.552$	
	Double Door (Both Panels) = $FW - 3.45$		Double Door (Both Panels) = $FW - 3.45$	

Dimensions shown in inches.

To convert areas to square meters (m²), multiply square feet by 0.0929.



250 Series Premium Hinged Patio Doors

Design Data

Standard Sizes

Premium Hinged Doors Design Data												
Unit	Venting	Clear Opening (Inches) ₁				Vent Area (Standard Sill) Ft ²	Vent Area (Low-Profile Sill) Ft ²	Visible Glass Ft ²		Standard Glass Thickness (mm) Tempered		Performance Class & Grade ₂
		Width @ 172°	Width @ 90°	Standard Sill Height	Low-Profile Sill Height			Standard Sill	Low- Profile Sill	Dual-Pane Glazing	Triple-Pane Glazing	
In-Swing												
3396	L/R	29.1	27.6	91.6	93.4	18.5	18.9	13.3	13.4	3	—	LC25
3996	L/R	35.1	33.6	91.6	93.4	22.3	22.8	16.9	17.0	3	—	LC25
6496	AP/PA	58.3	55.1	91.6	93.4	37.0	37.8	13.3	13.4	3	—	LC25
7696	AP/PA	70.3	67.1	91.6	93.4	44.7	45.6	16.9	17.0	3	—	LC25
Out-Swing												
3396	L/R	29.1	27.6	91.2	93.0	18.4	18.8	13.3	13.4	3	—	LC30
3996	L/R	35.1	33.6	91.2	93.0	22.2	22.7	16.9	17.0	3	—	LC30
6496	AP/PA	58.3	55.1	91.2	93.0	36.9	37.6	13.3	13.4	3	—	LC25
7696	AP/PA	70.3	67.1	91.2	93.0	44.5	45.4	16.8	17.0	3	—	LC25

(—) = Not Available
(1) Maximum performance when glazed with the appropriate glass thickness. Second Value, where shown, requires performance upgrade.
To convert areas to square meters (m²), multiply square feet by 0.0929.



250 Series Premium Hinged Patio Doors

Detailed Product Description - Premium Doors

Frame

- Overall frame depth: 5-1/4".
- Frame members are mitered and heat-fused fully welded.
- Frame: [1" setback for nail fin for 4-1/4" wall depth and 1-3/8" setback for nail fin for 3-7/8" wall depth] [Block Frame for 5-1/4" wall depth] [Flush Flange for 5" wall depth].
- Sill options: [Standard] [Low-profile].
- Interior and exterior frame surfaces are extruded rigid uPVC.

Door Panel

- 3-3/4" x 1-3/4" vinyl panel with internal aluminum reinforcement.
- Door panel consists of extruded, rigid uPVC.
- Panel members are mitered and heat-fused to provide a fully welded corner assembly.
- Contains sealed insulating glass.

Weatherstripping

- Foam-backed weatherstripping on the main frame.

Glazing System

- Interior face-glazed sealed insulating glass.
- Standard Dual-Pane tempered glass, with optional Triple-Pane upgrade.
- 7/8" Dual-Pane insulating glass [Advanced Low-E coated [with argon]] [SunDefense™ Low-E coated [with argon]] [High Altitude,¹].
or
- 1-1/4" Triple-Pane insulating glass [SunDefense™ Low-E coated [with argon]] [High Altitude,¹].

Interior / Exterior

- Frame and panel members are [[White] [Beige] with integral color extruded throughout the profiles]
or
- Brown laminate exterior, with White integral color extruded throughout the profiles on the interior.
or
- Black laminate exterior, with optional [Black] laminate interior or White integral color extruded throughout the profiles on the interior."
- Sill: [Bronze Anodized] [Mill] finish options.
- All exposed PVC surfaces are smooth, glossy and uniform in appearance.

Hardware

- Interior handle and thumb-lock; finish is [White] [Black] [Satin Nickel].
- Exterior handle with optional keylock; finish is [White] [Black] [Satin Nickel].
- Multipoint locking hardware [Stainless Steel] located on both active and inactive panels.
- Adjustable contemporary hinges; finish is [White] [Bronze] [Silver Coated] [Black].

(1) Dual-Pane IG High Altitude glazing is only available without Argon. Triple-Pane IG High Altitude glazing is only available without Argon.

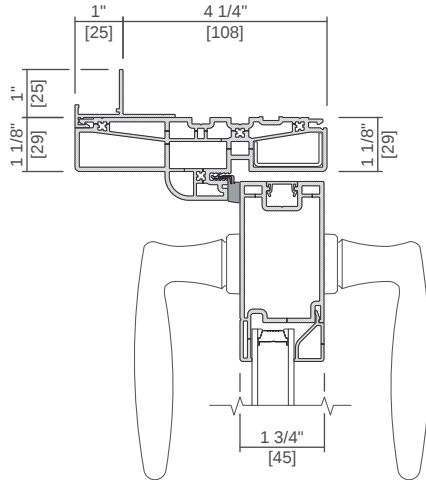


250 Series Premium Hinged Patio Doors

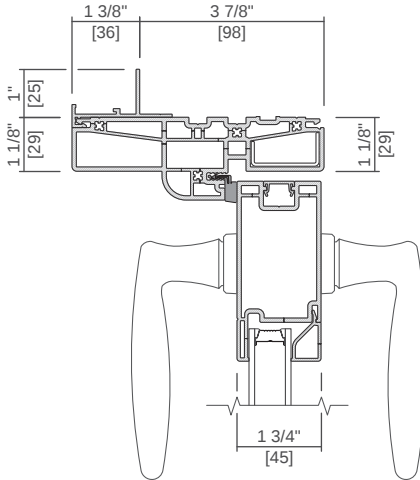
Unit Sections - Frame Types Overview, In-Swing

NEW CONSTRUCTION FRAME

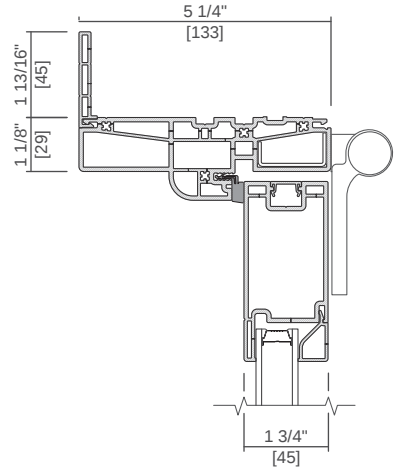
Standard 1" Nailing Fin



Standard 1 3/8" Nailing Fin

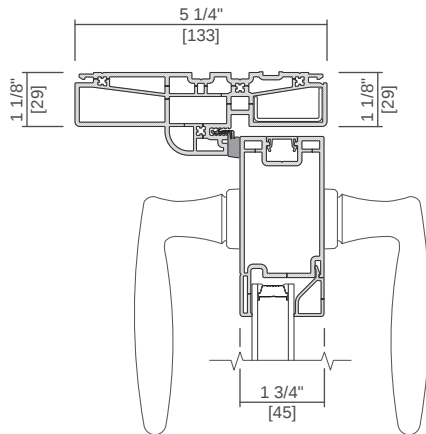


Flush Flange



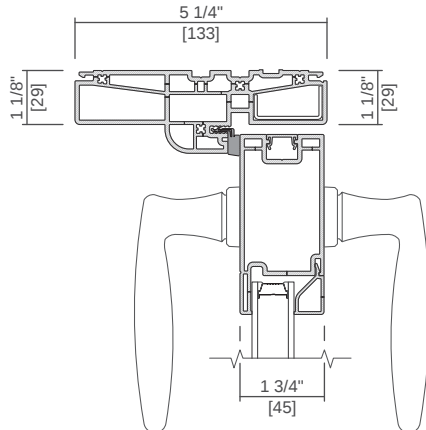
REPLACEMENT FRAME

Standard Block Frame

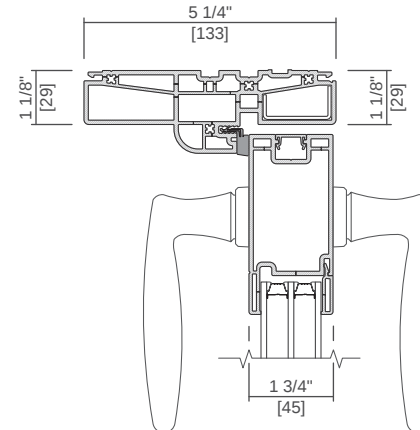


GLAZING OPTIONS

7/8" IG



1 1/4" Triple IG



Scale 3" = 1' 0"

All dimensions are approximate.

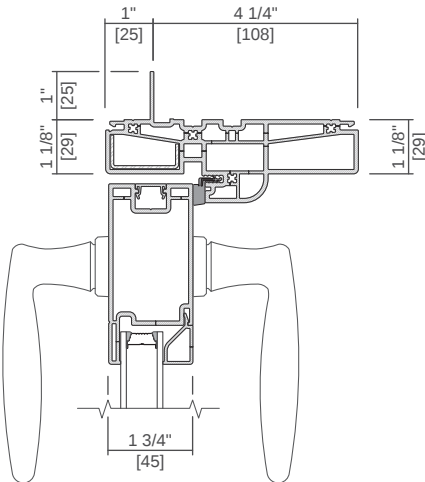


250 Series Premium Hinged Patio Doors

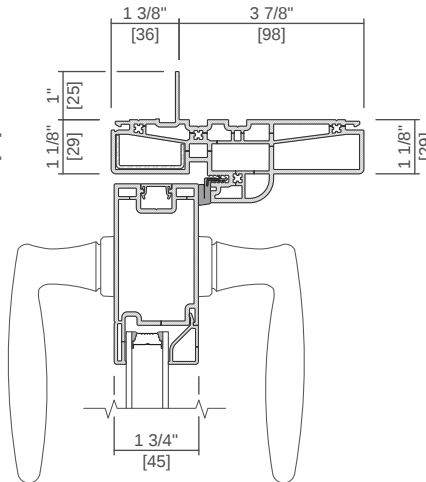
Unit Sections - Frame Types Overview, Out-Swing

NEW CONSTRUCTION FRAME

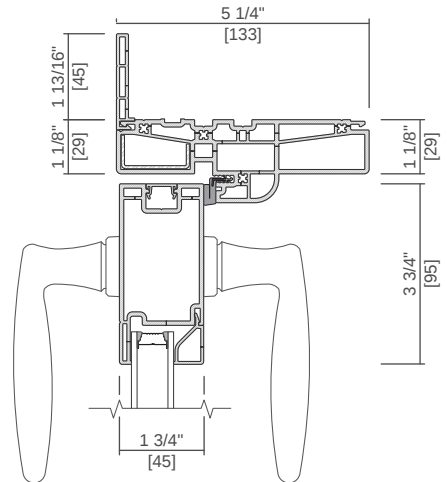
Standard 1" Nailing Fin



Standard 1 3/8" Nailing Fin

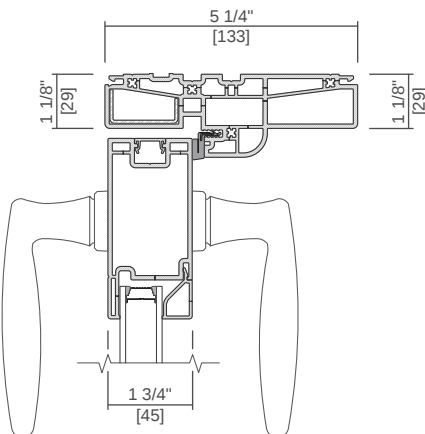


Flush Flange



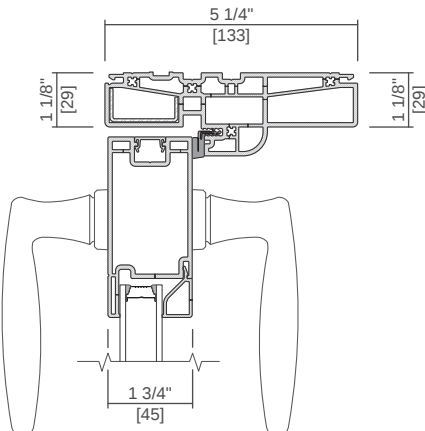
REPLACEMENT FRAME

Standard Block Frame

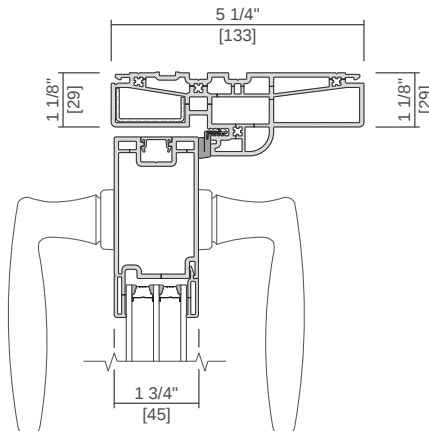


GLAZING OPTIONS

7/8" IG



1 1/4" Triple IG



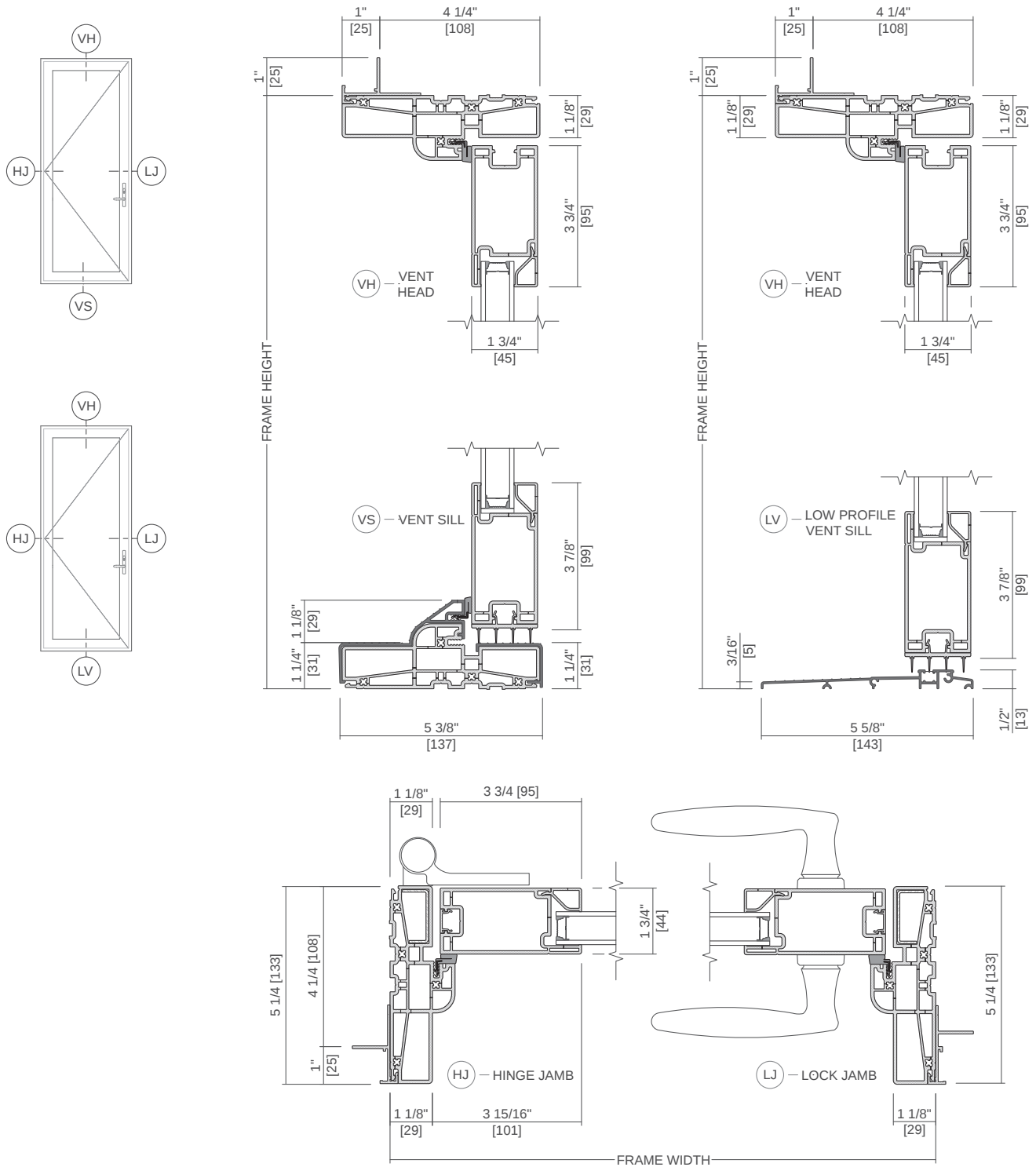
Scale 3" = 1' 0"

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing 1" Fin Setback



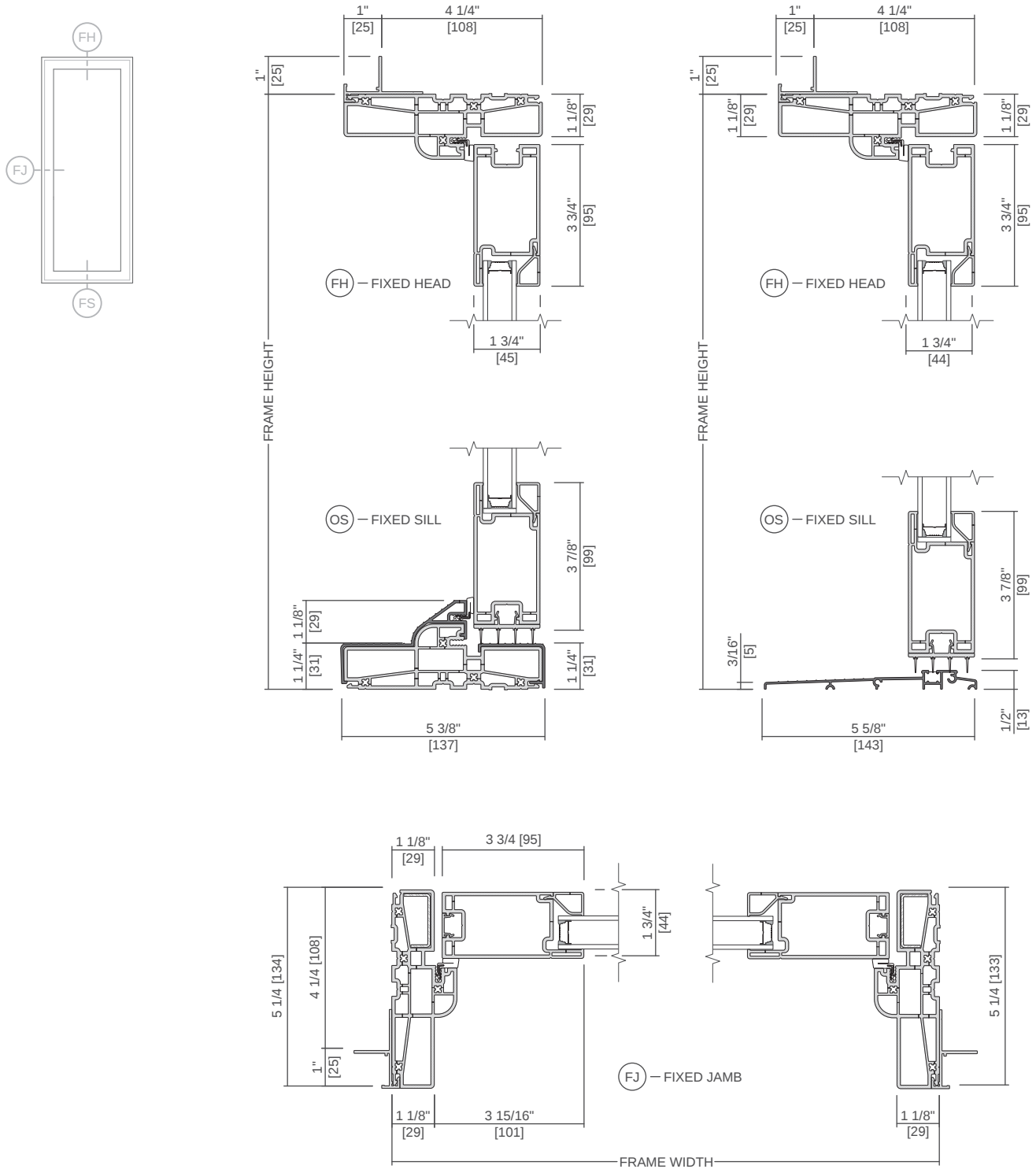
Scale 3" = 1' 0"

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing 1" Fin Setback



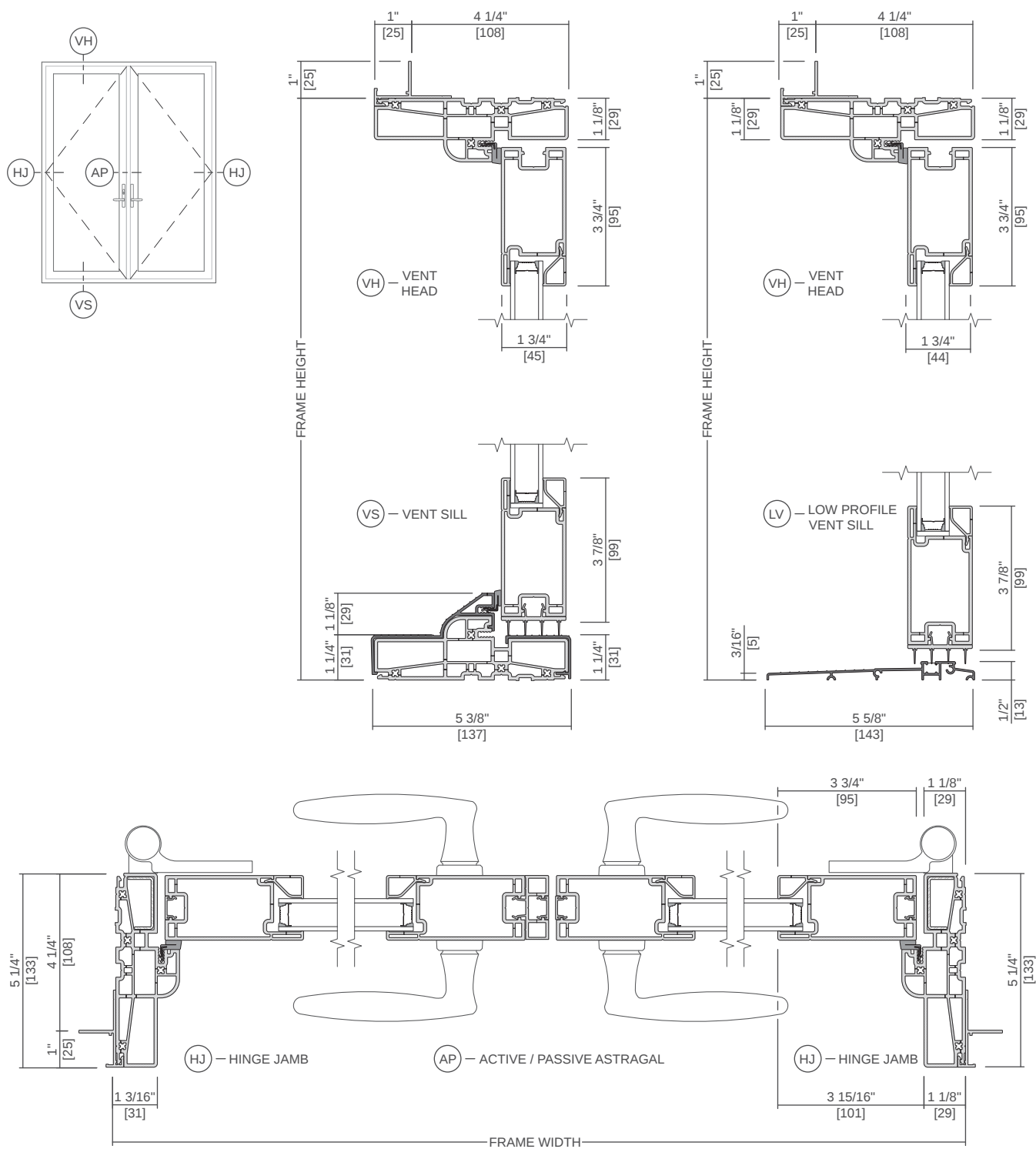
Scale 3" = 1' 0"

Combinations require reinforcing mullions between units.

All dimensions are approximate.

250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing 1" Fin Setback



Scale 3" = 1' 0"

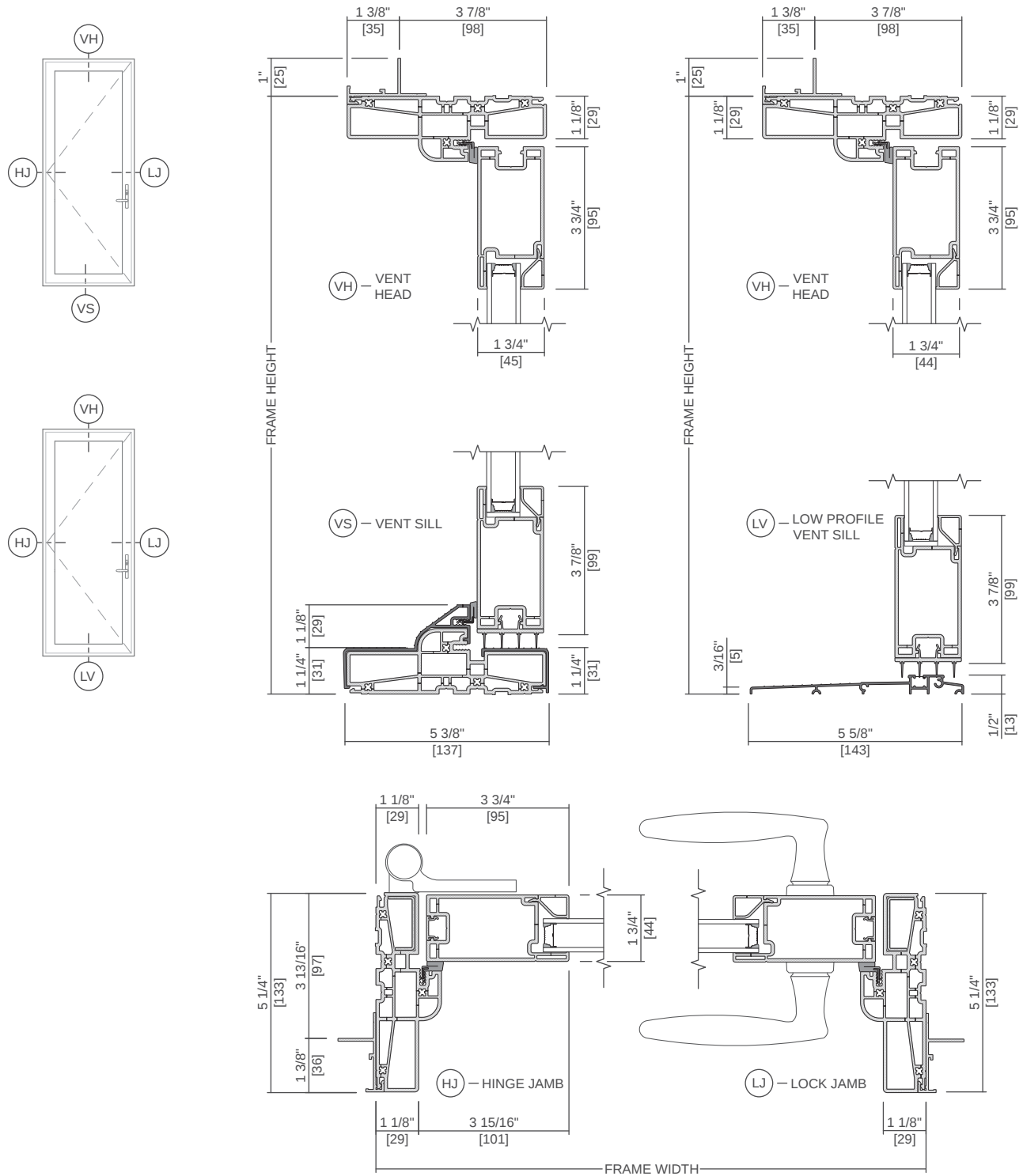
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing 1-3/8" Fin Setback



Scale 3" = 1' 0"

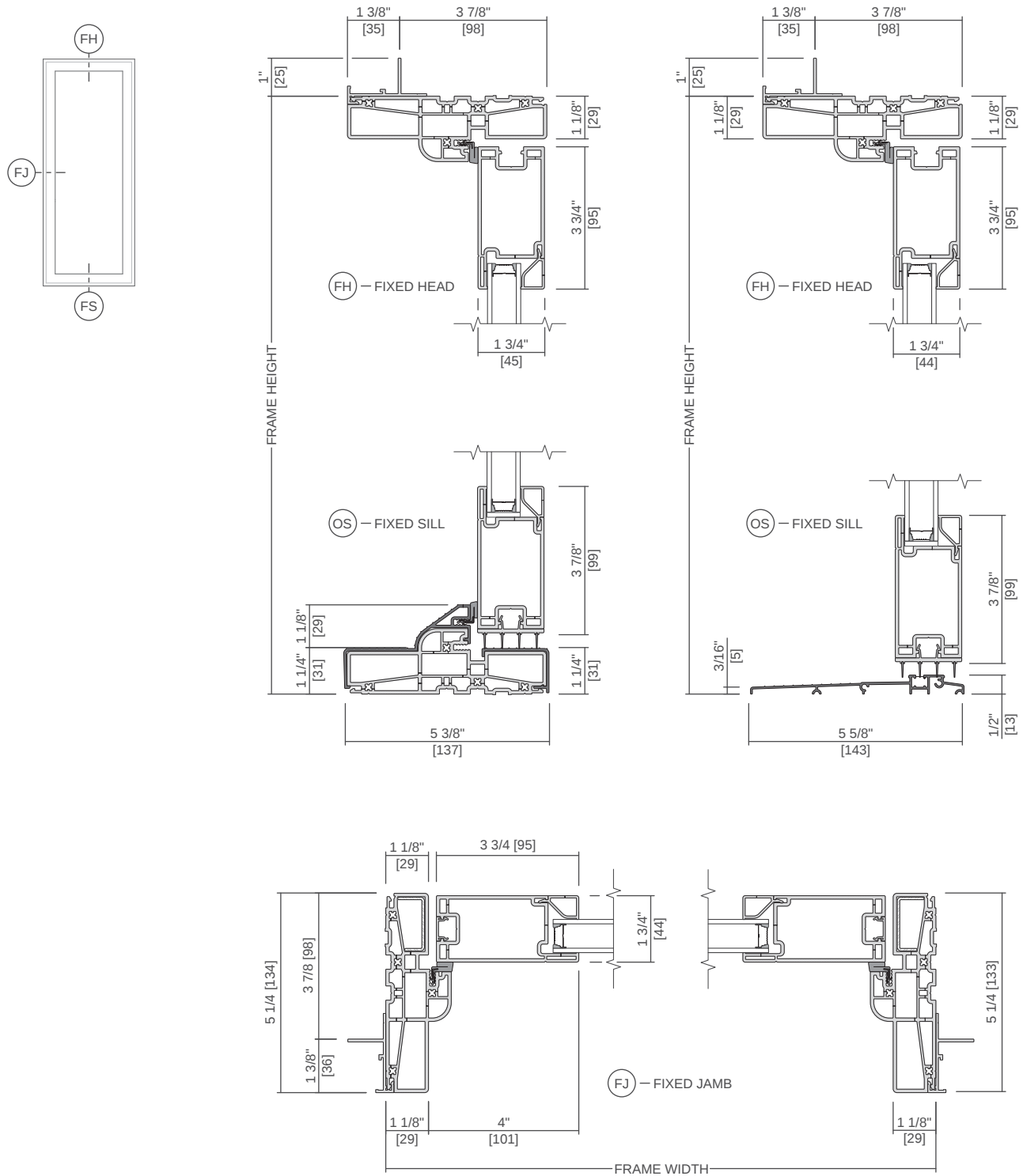
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing 1-3/8" Fin Setback



Scale 3" = 1' 0"

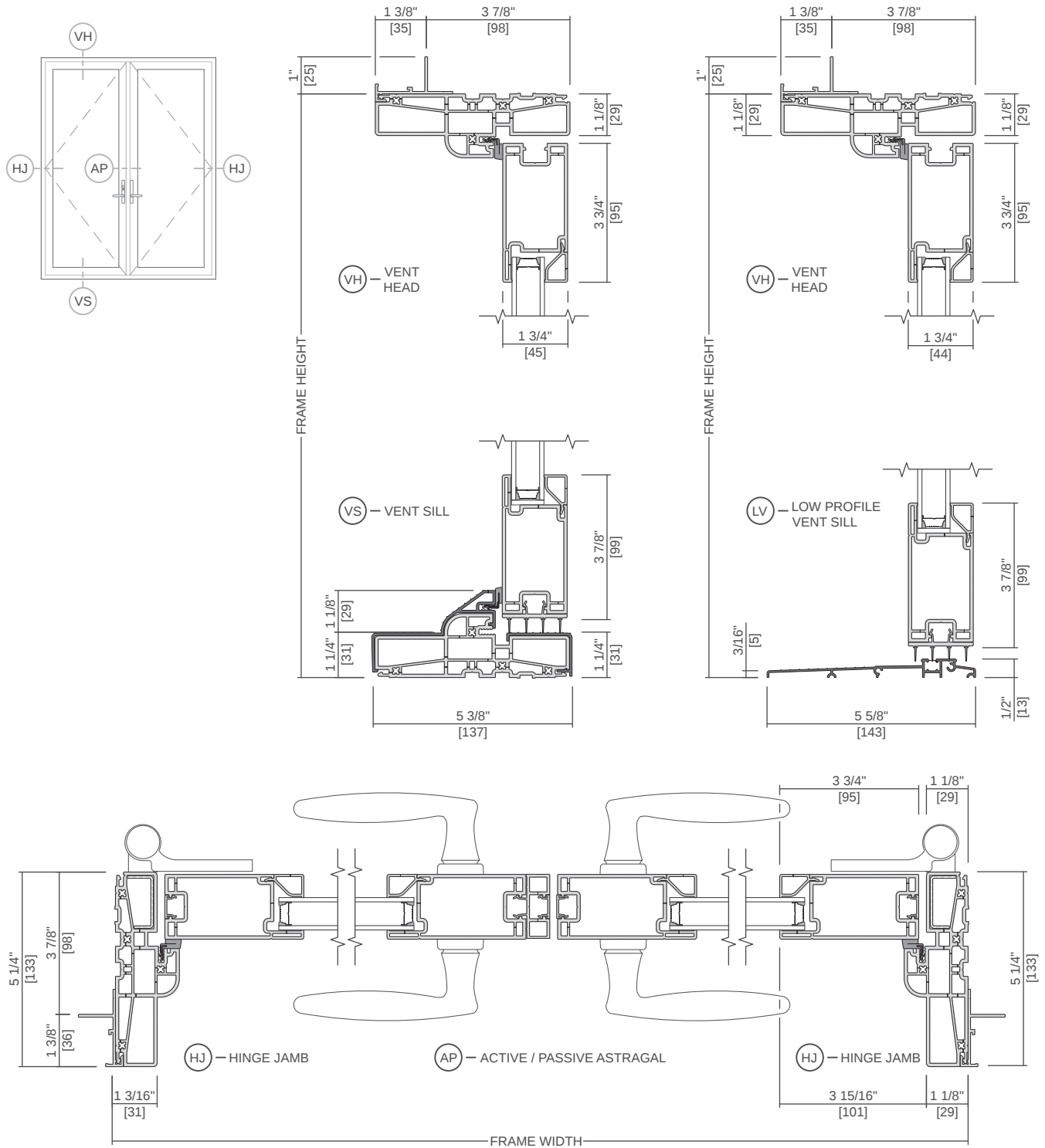
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing 1-3/8" Fin Setback



Scale 3" = 1' 0"

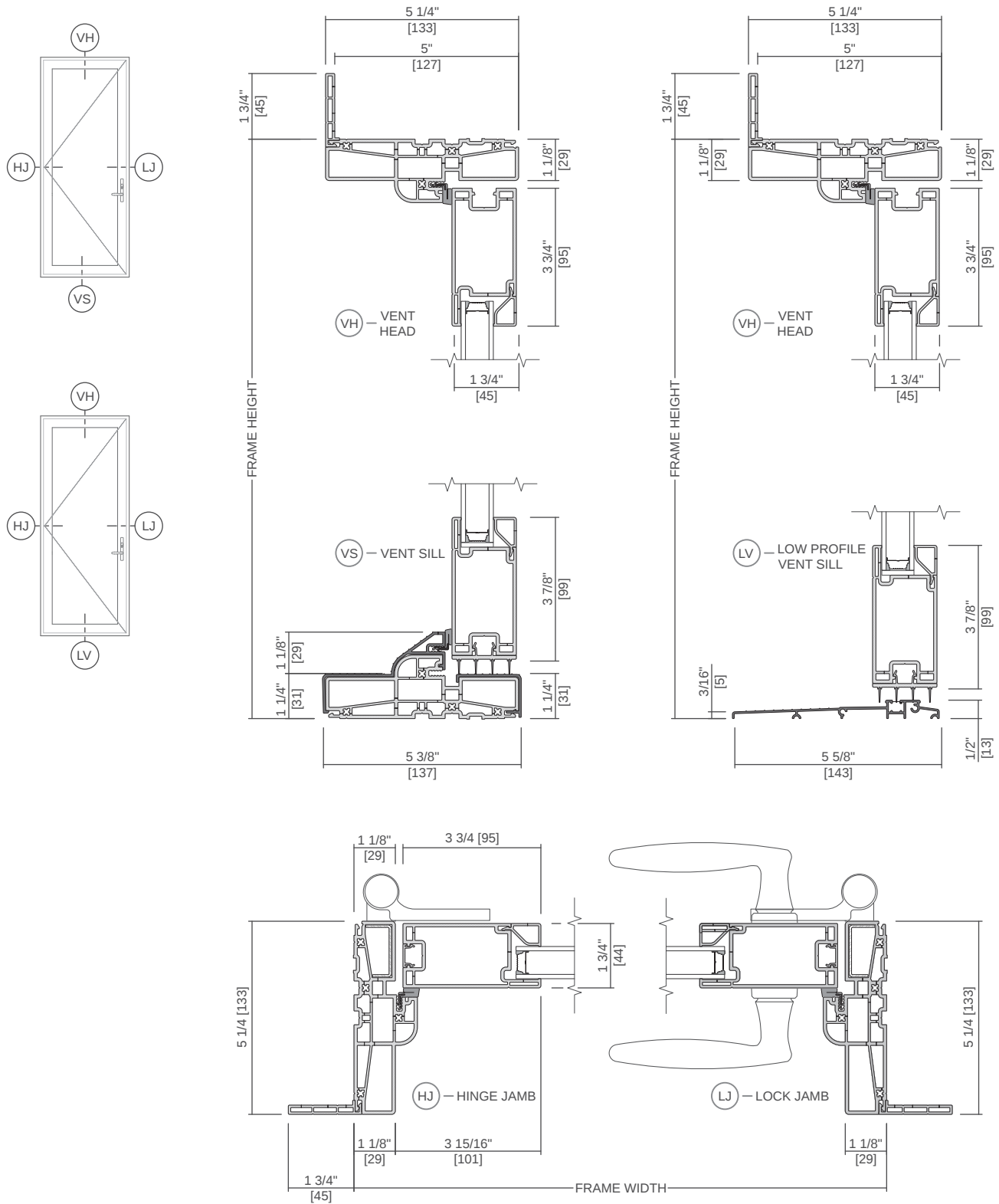
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing Flush Flange



Scale 3" = 1' 0"

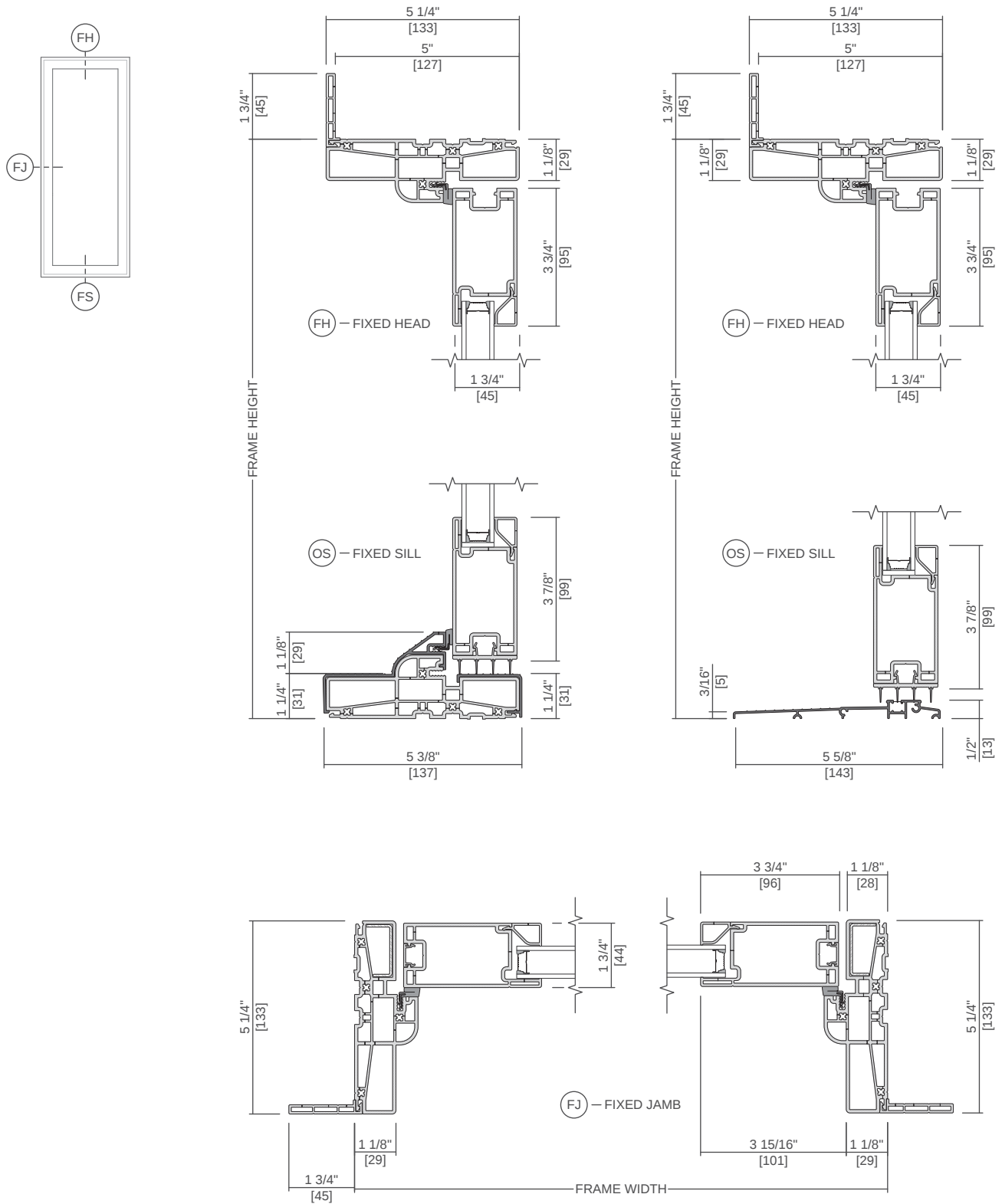
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing Flush Flange



Scale 3" = 1' 0"

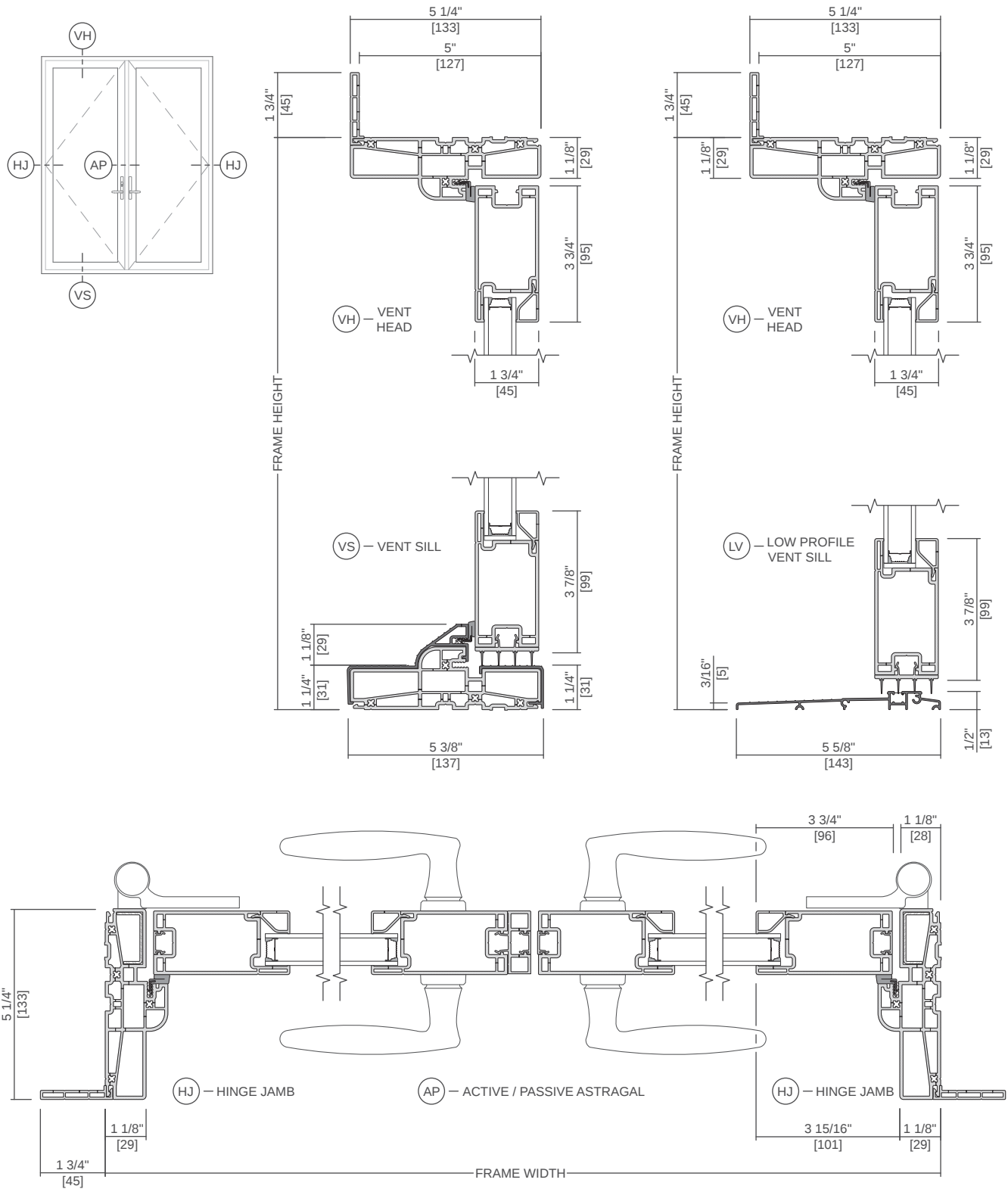
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing Flush Flange



Scale 3" = 1' 0"

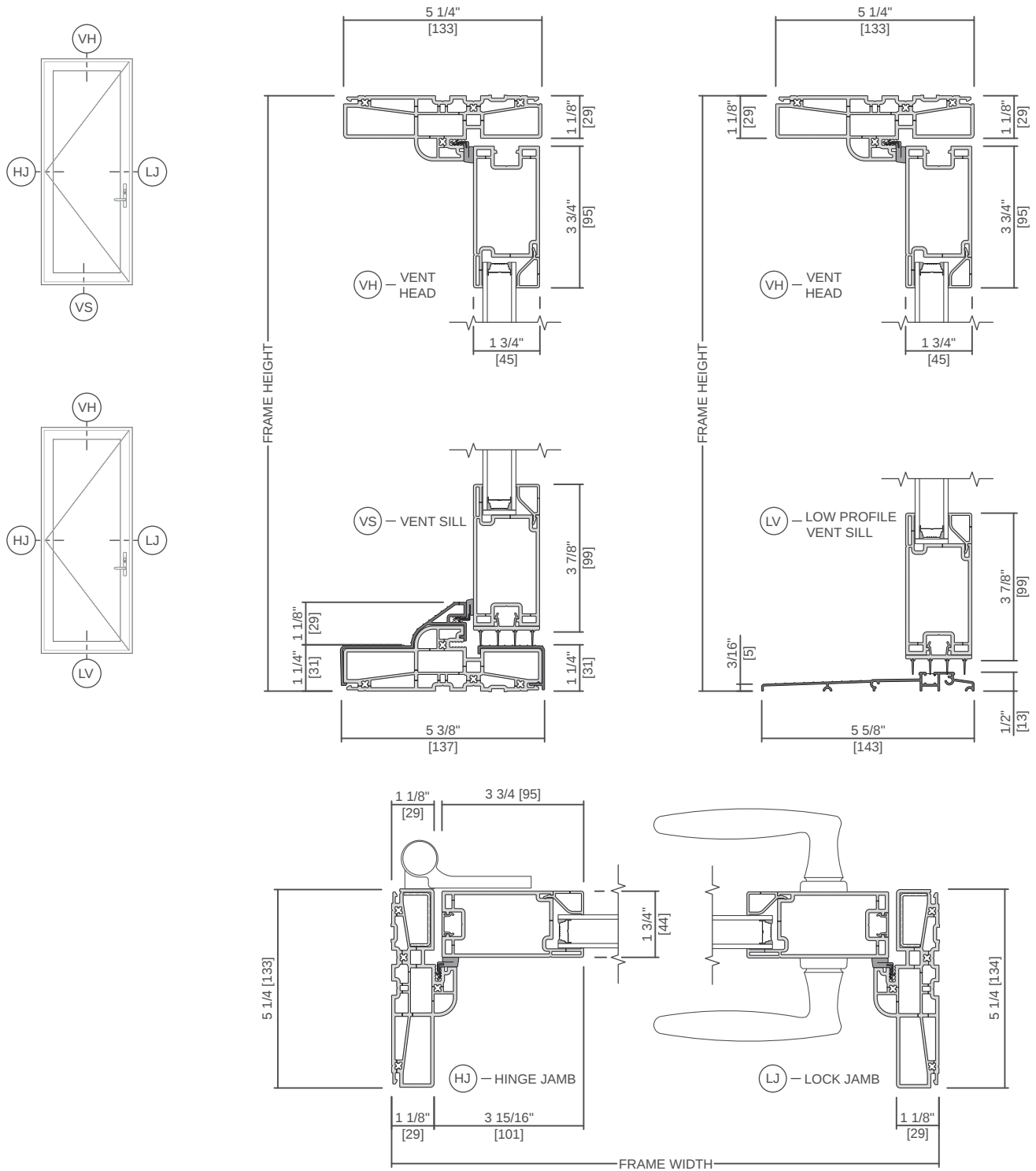
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing Block Frame



Scale 3" = 1' 0"

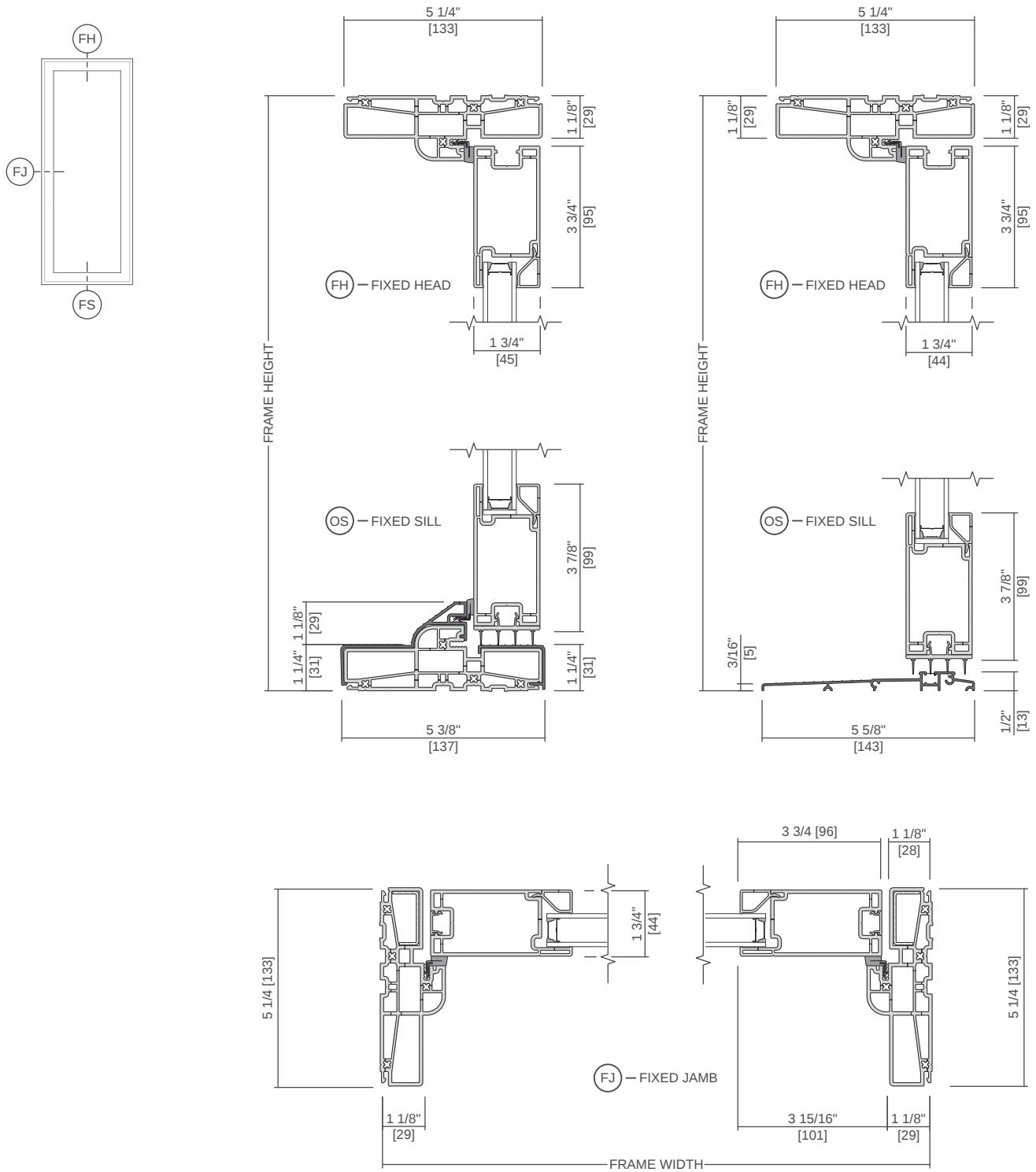
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing Block Frame



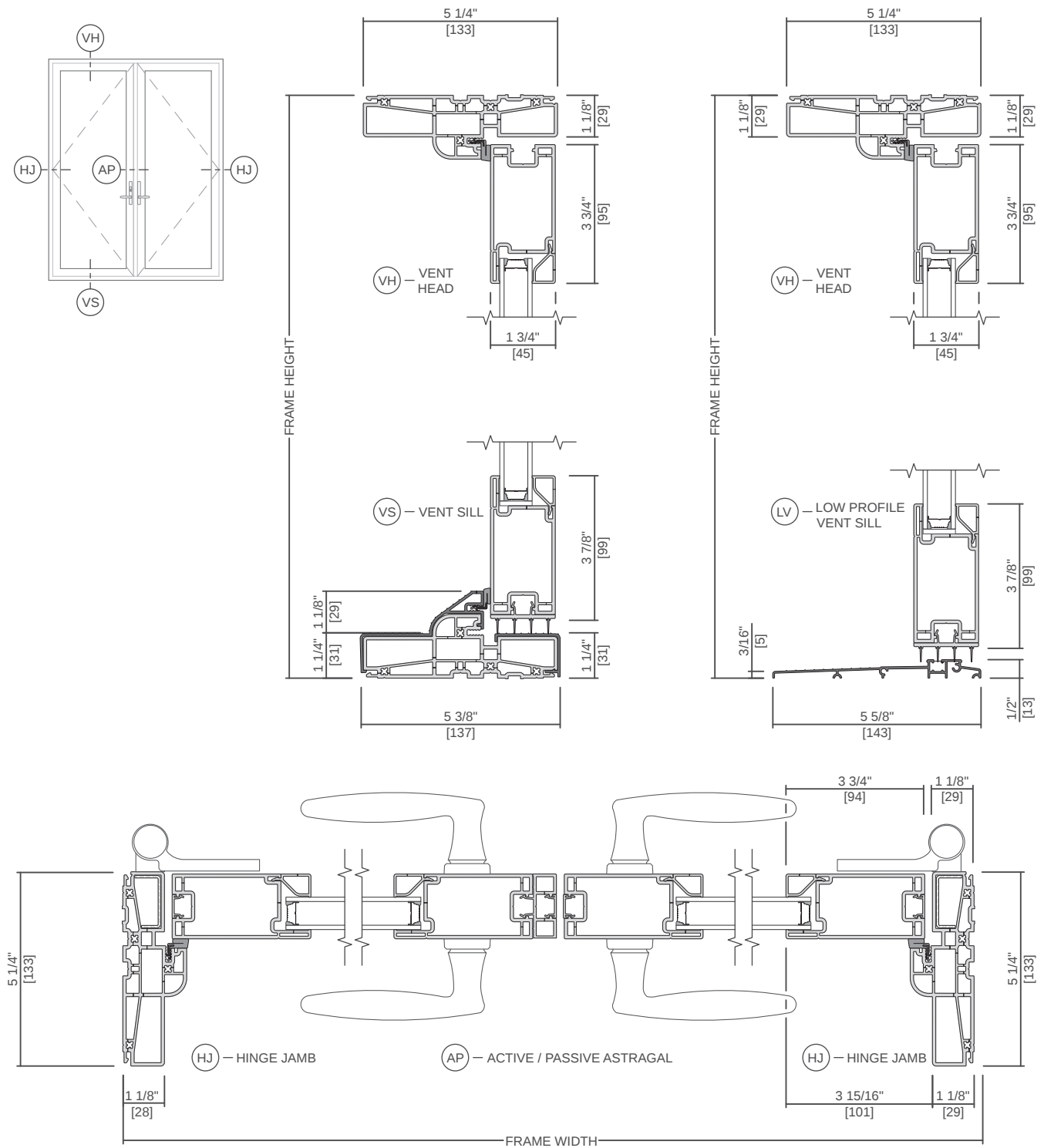
Scale 3" = 1' 0"

Combinations require reinforcing mullions between units.

All dimensions are approximate.

250 Series Premium Hinged Patio Doors

Unit Sections - In-Swing Block Frame



Scale 3" = 1' 0"

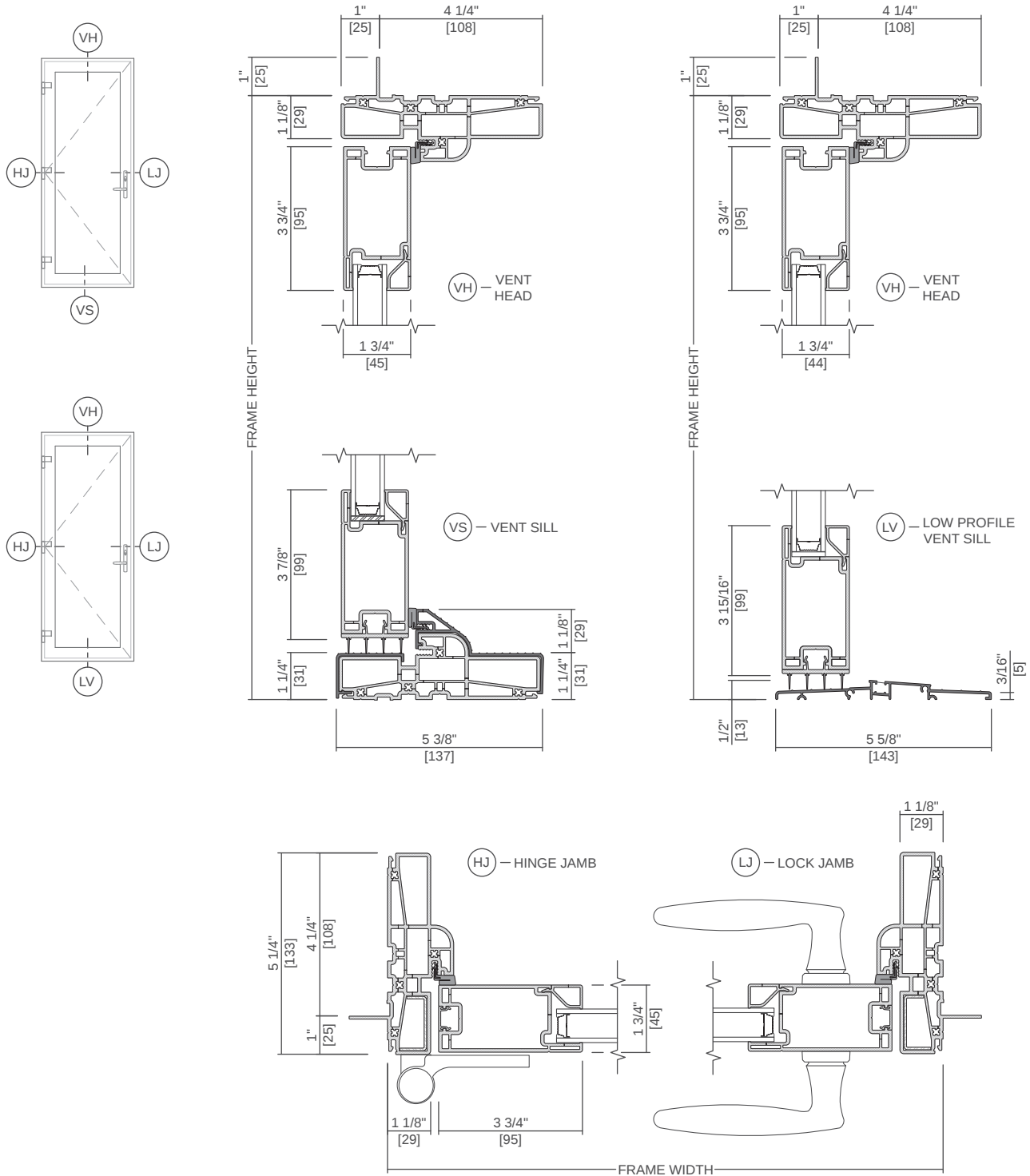
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing 1" Fin Setback



Scale 3" = 1' 0"

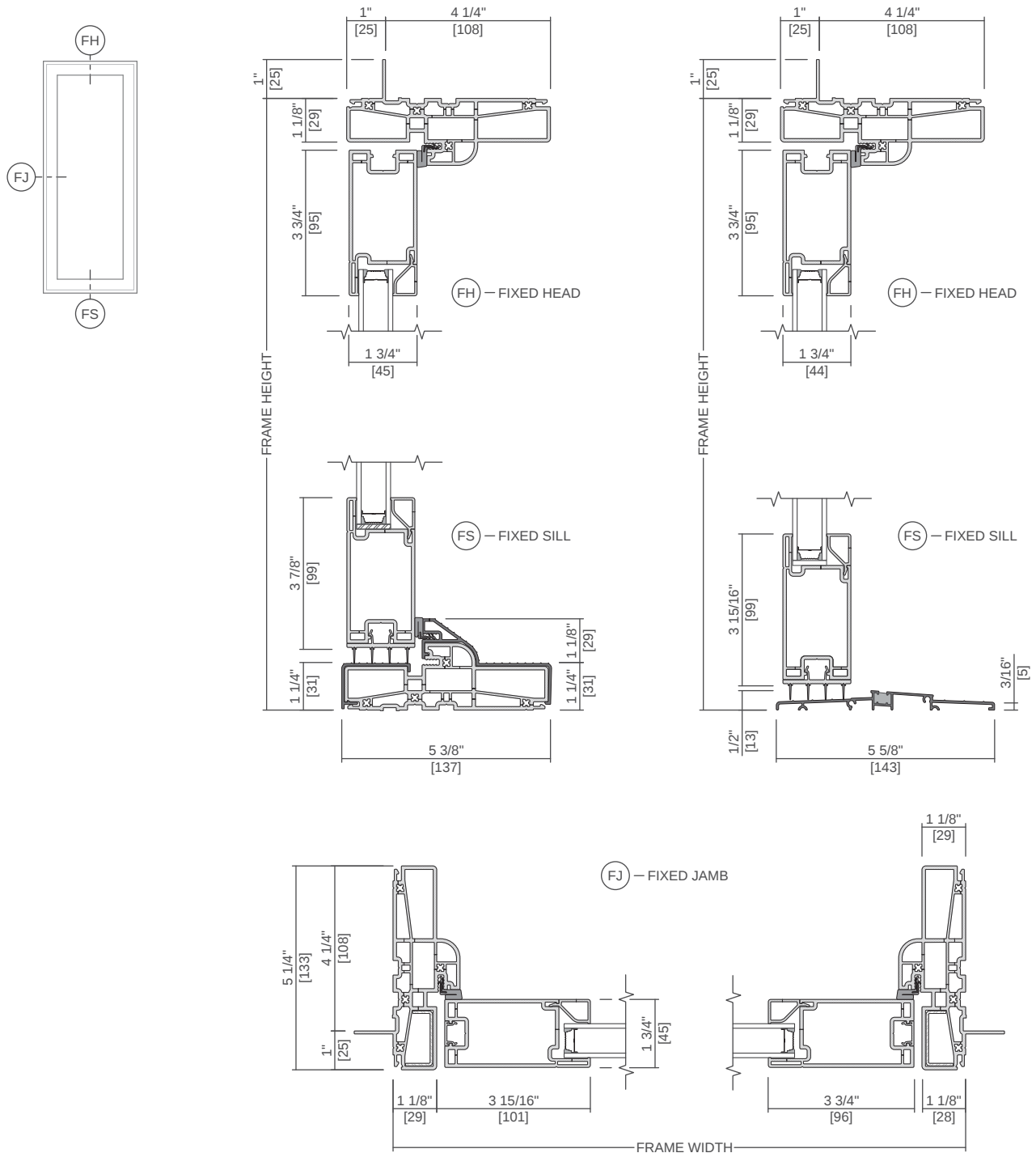
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing 1" Fin Setback



Scale 3" = 1' 0"

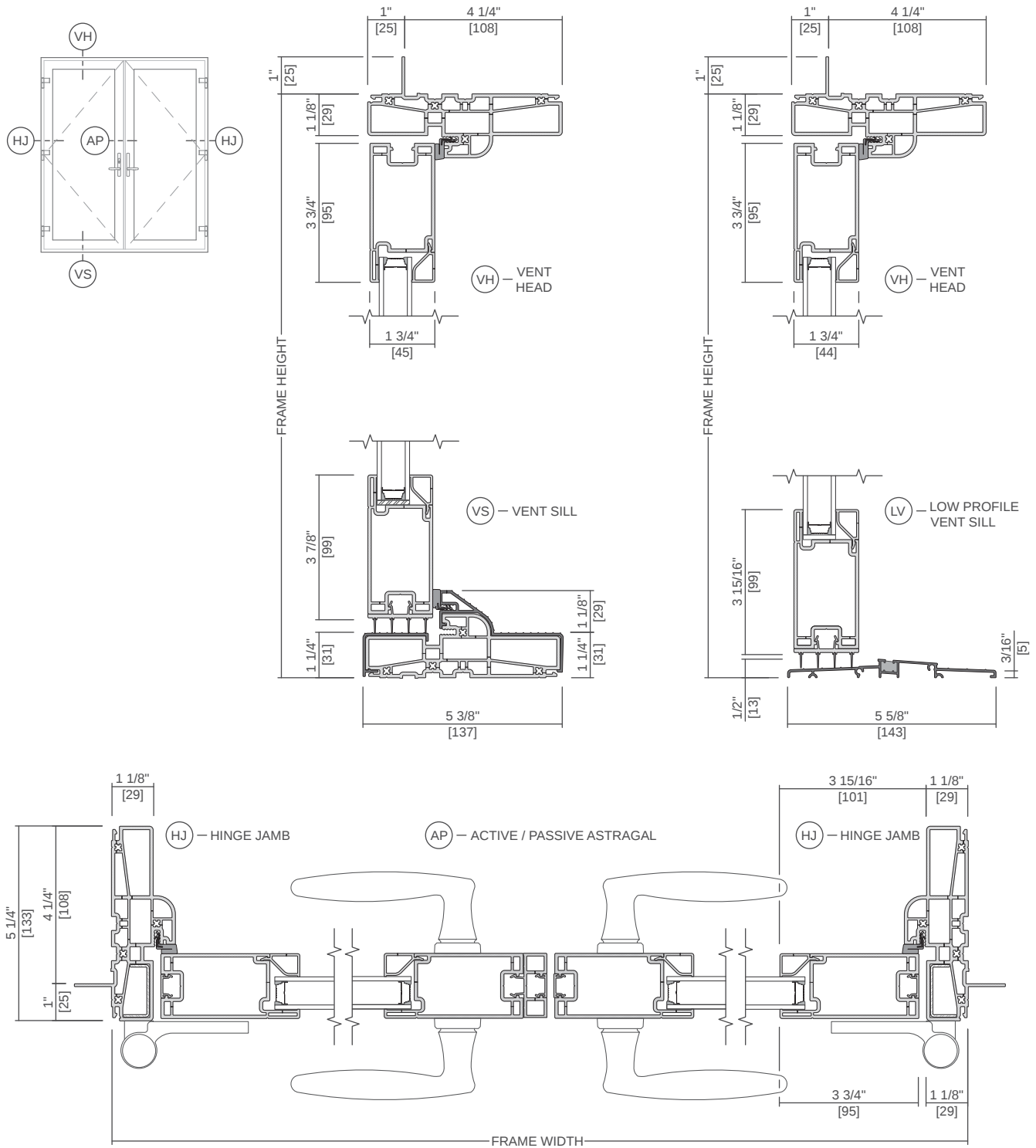
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing 1" Fin Setback



Scale 3" = 1' 0"

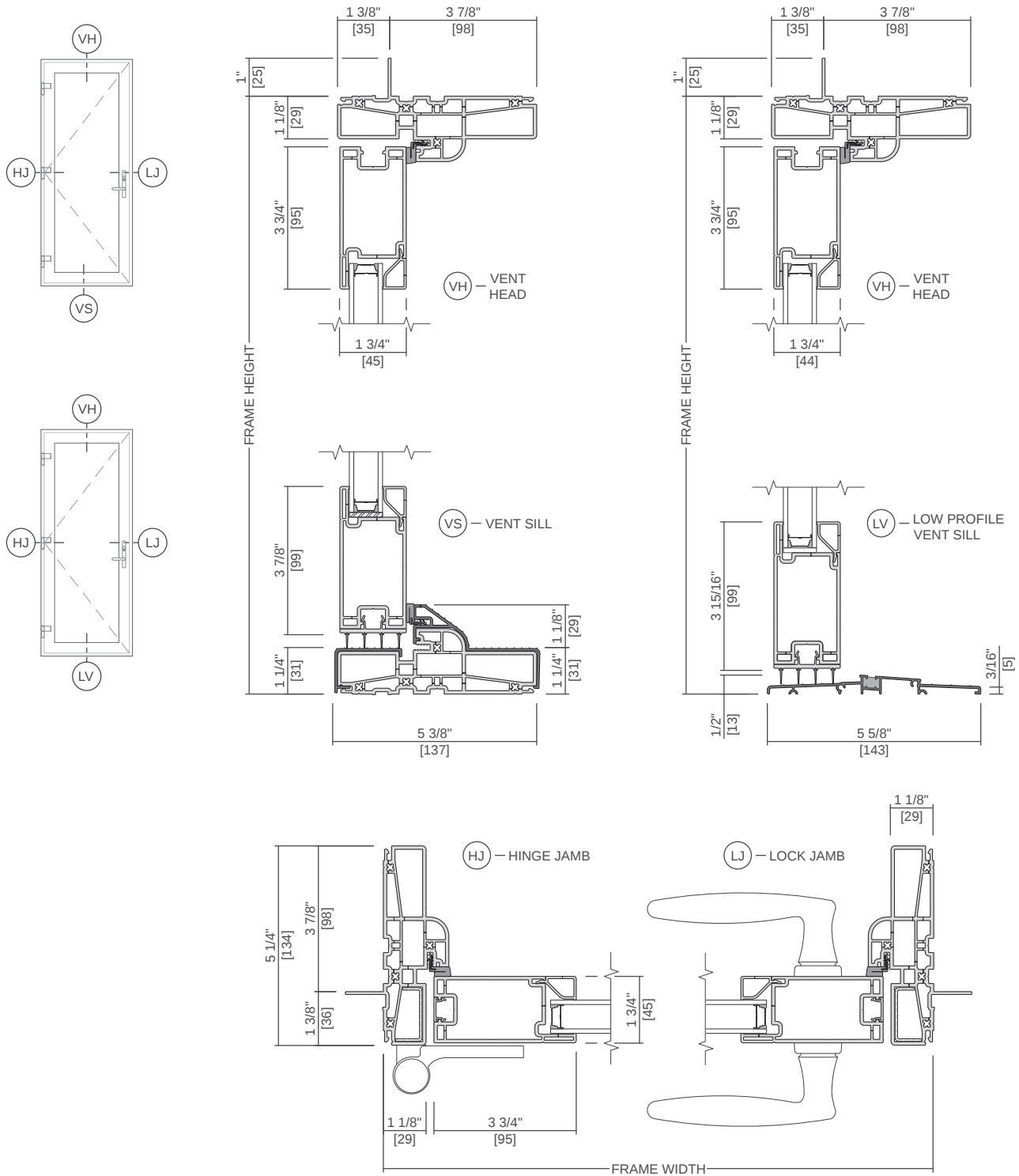
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing 1-3/8" Fin Setback



Scale 3" = 1' 0"

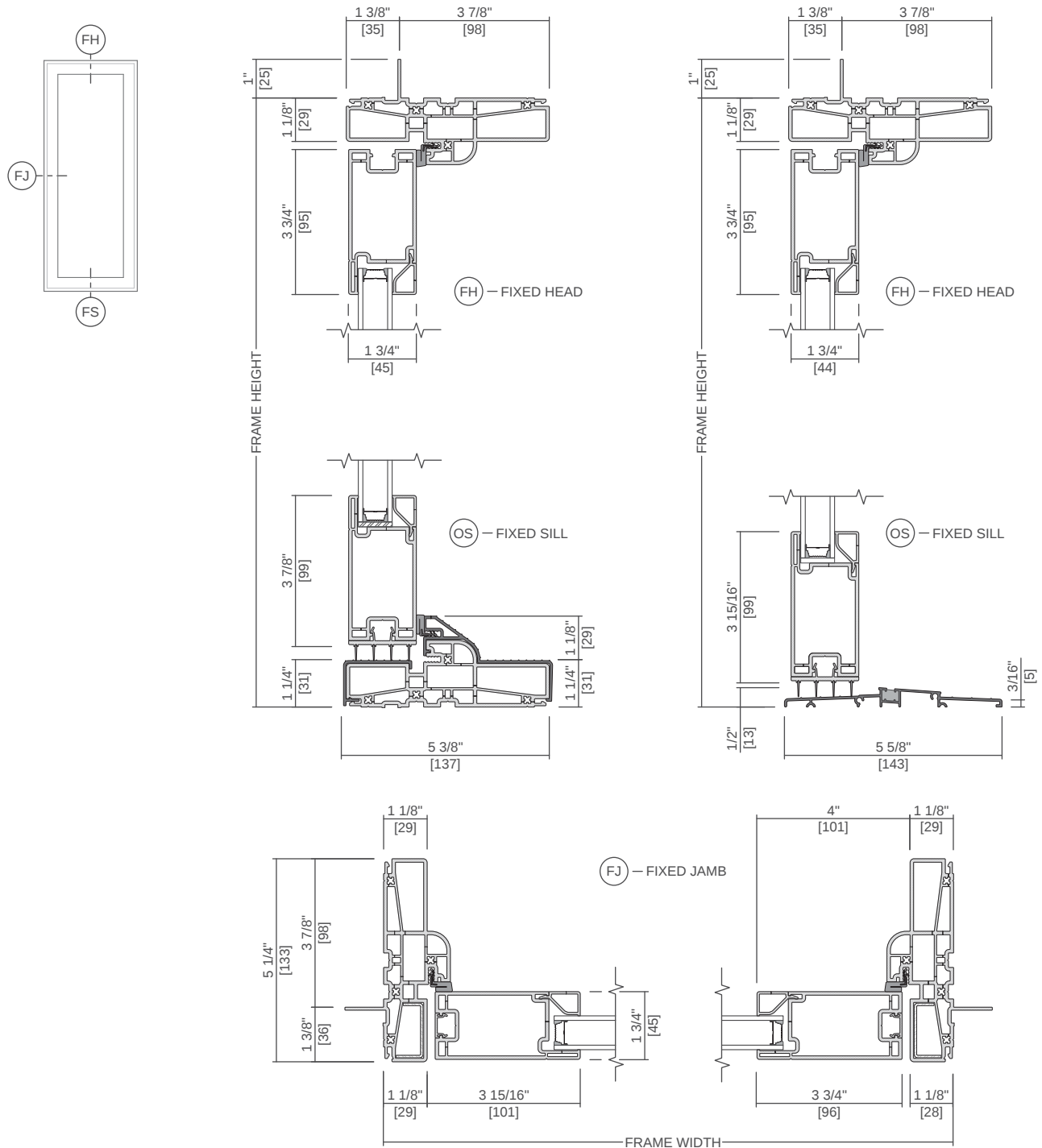
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing 1-3/8" Fin Setback



Scale 3" = 1' 0"

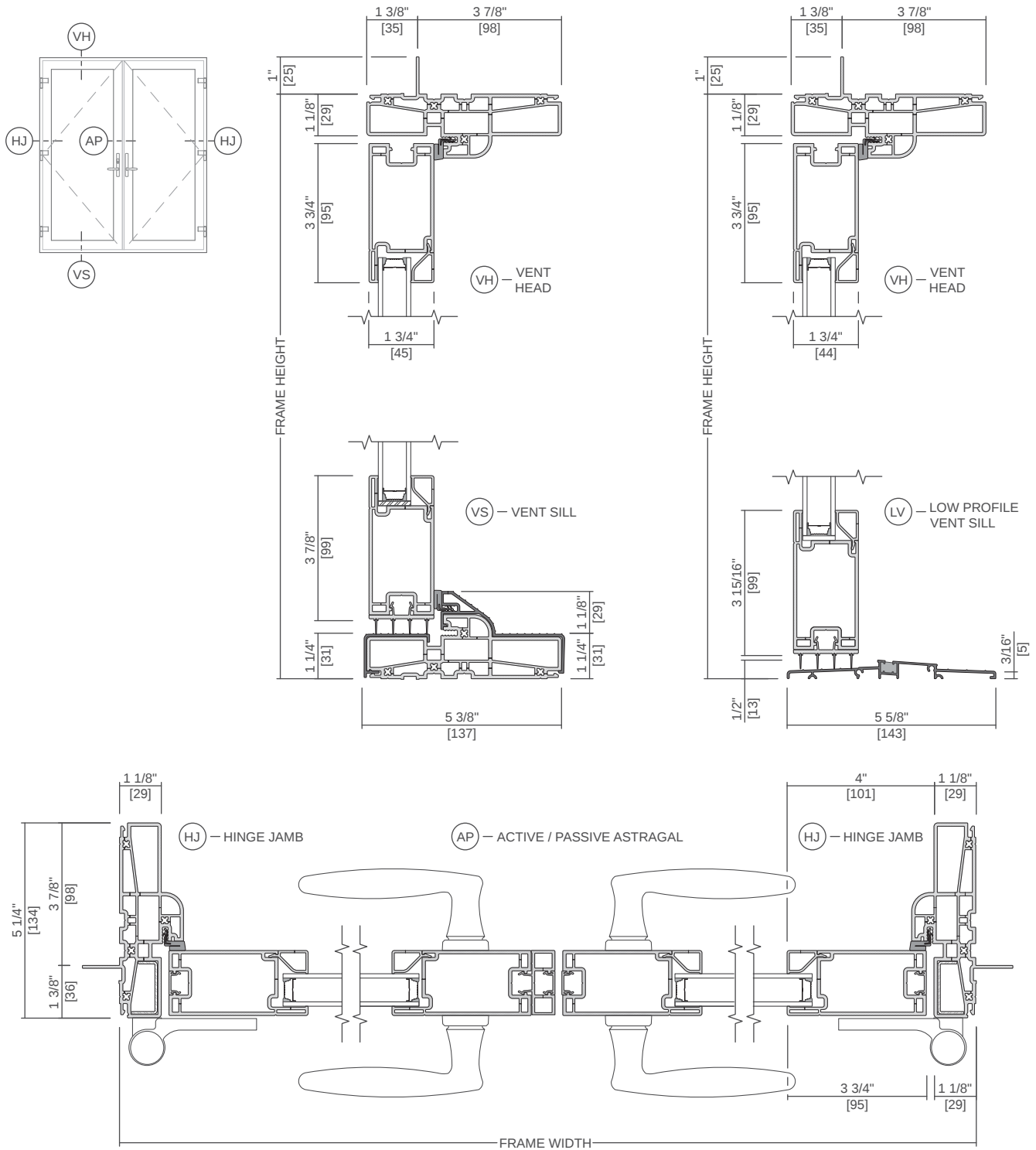
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing 1-3/8" Fin Setback



Scale 3" = 1' 0"

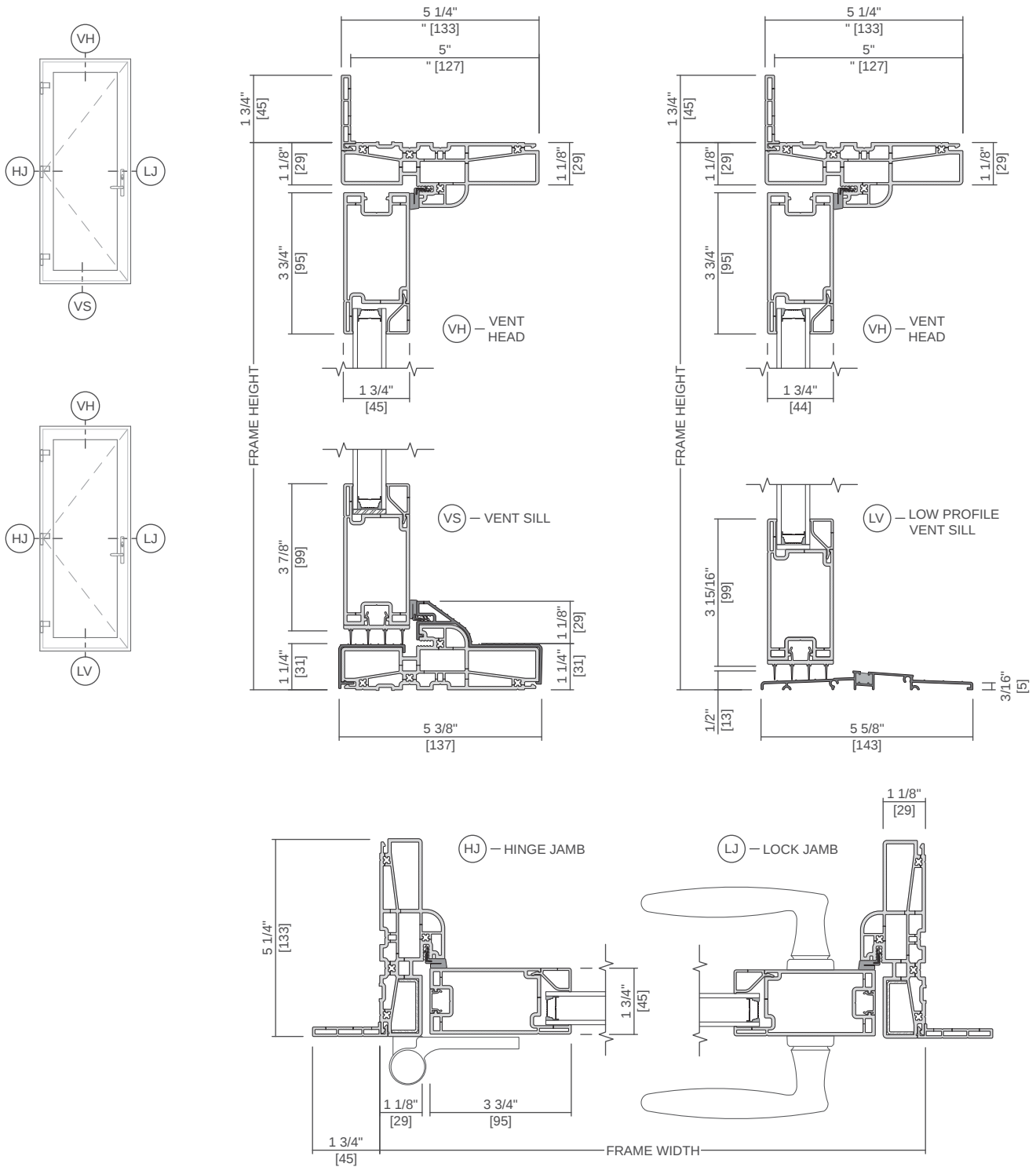
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing Flush Flange



Scale 3" = 1' 0"

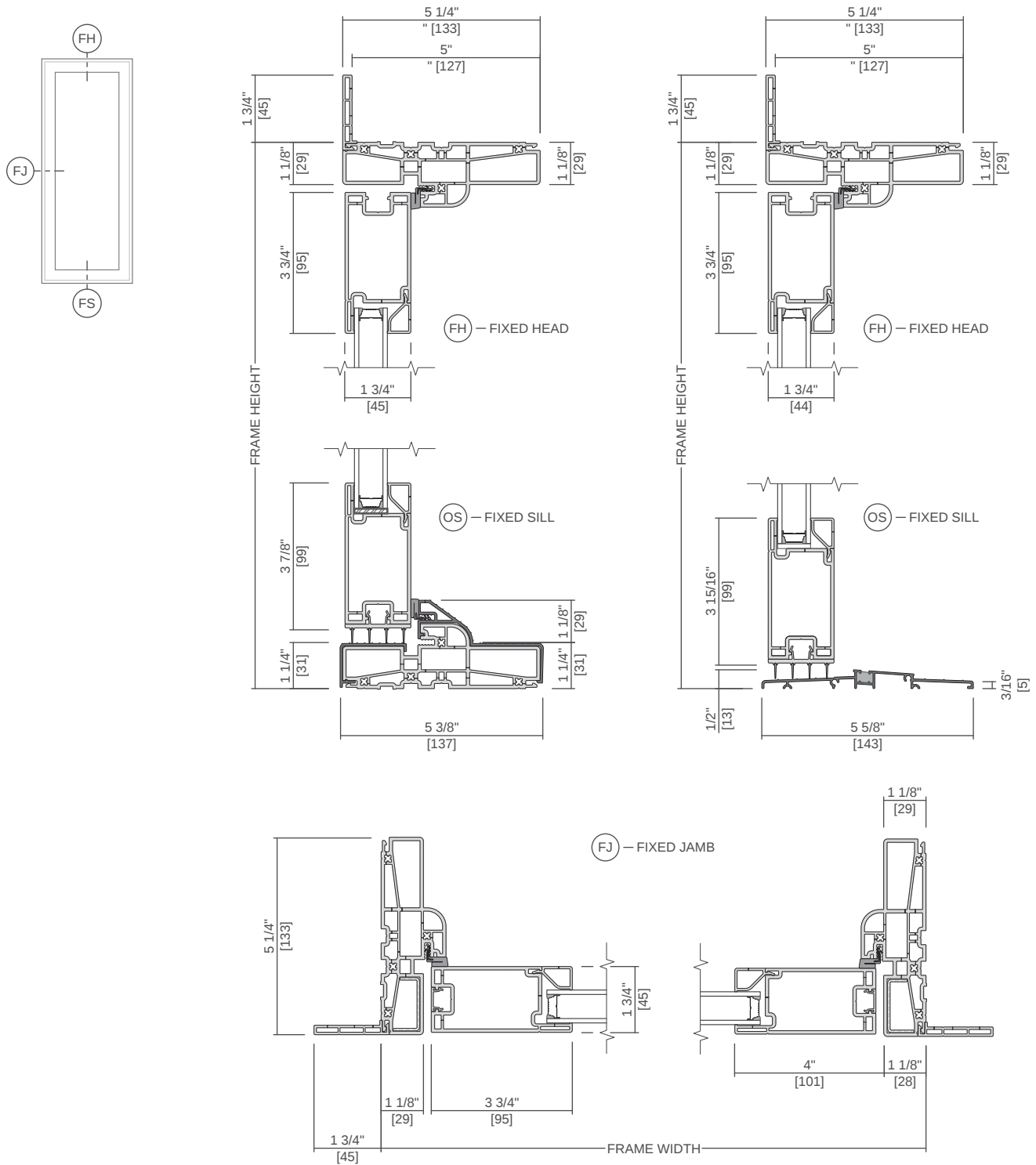
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing Flush Flange



Scale 3" = 1' 0"

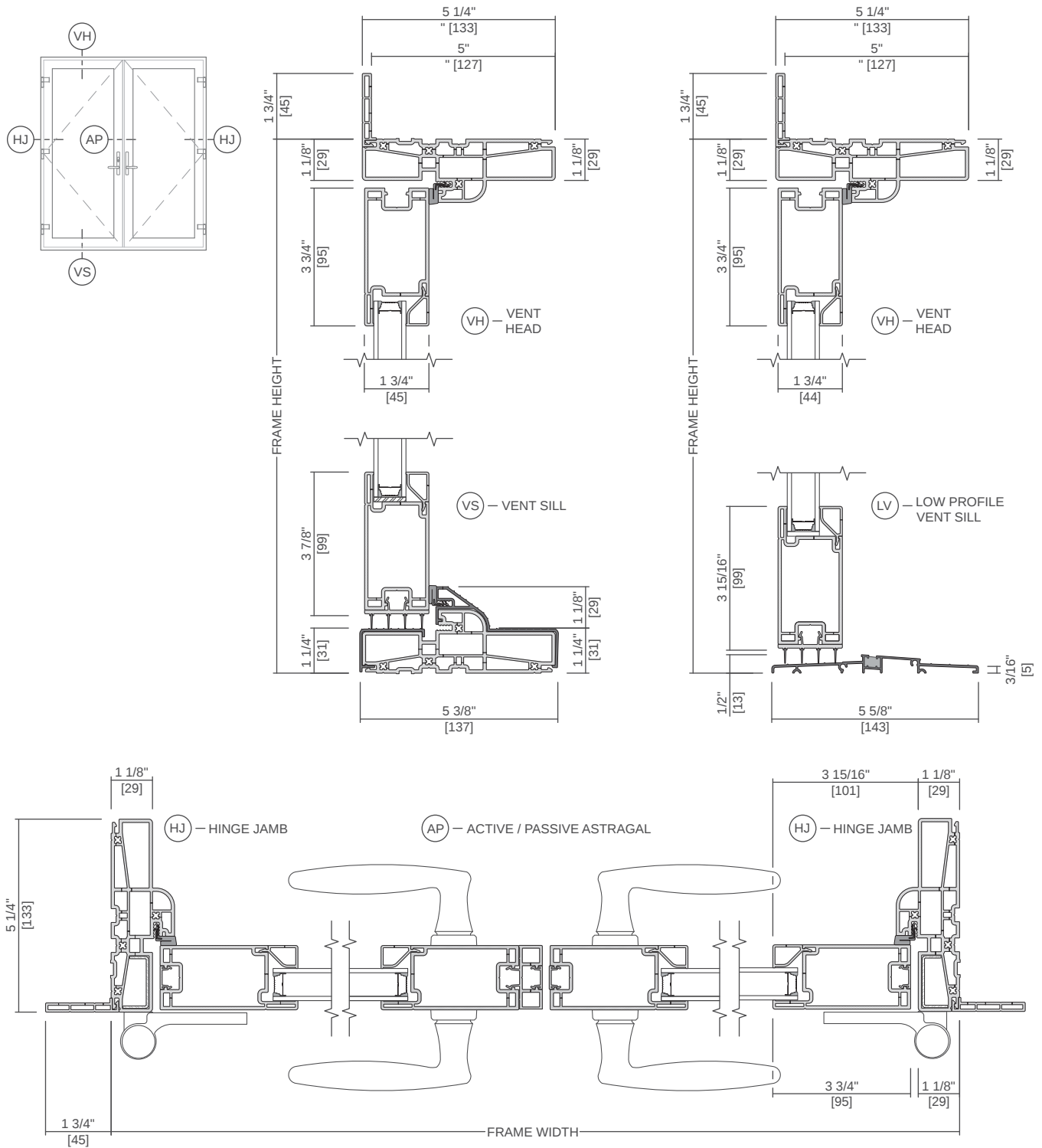
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing Flush Flange



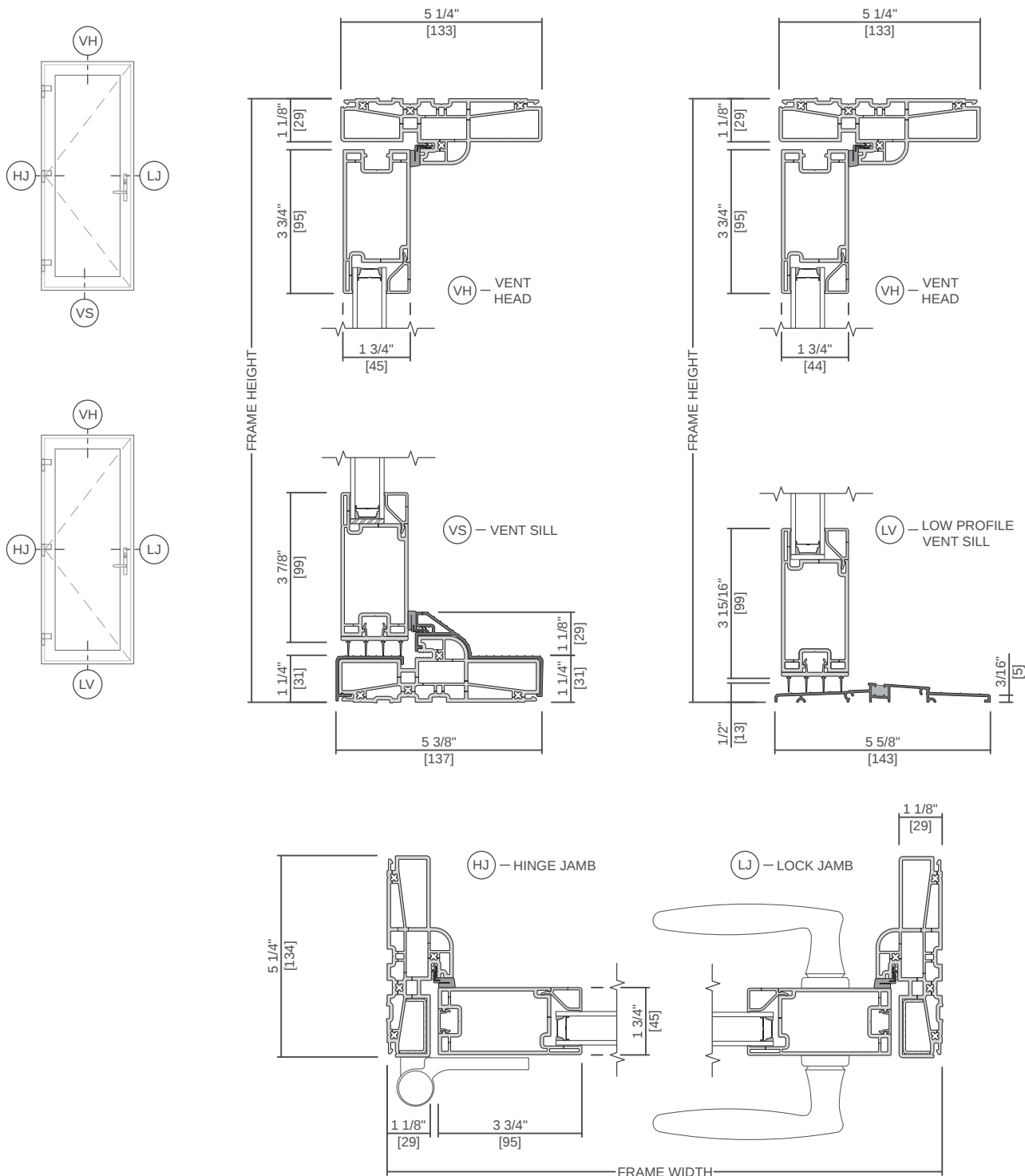
Scale 3" = 1' 0"

Combinations require reinforcing mullions between units.

All dimensions are approximate.

250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing Block Frame



Scale 3" = 1' 0"

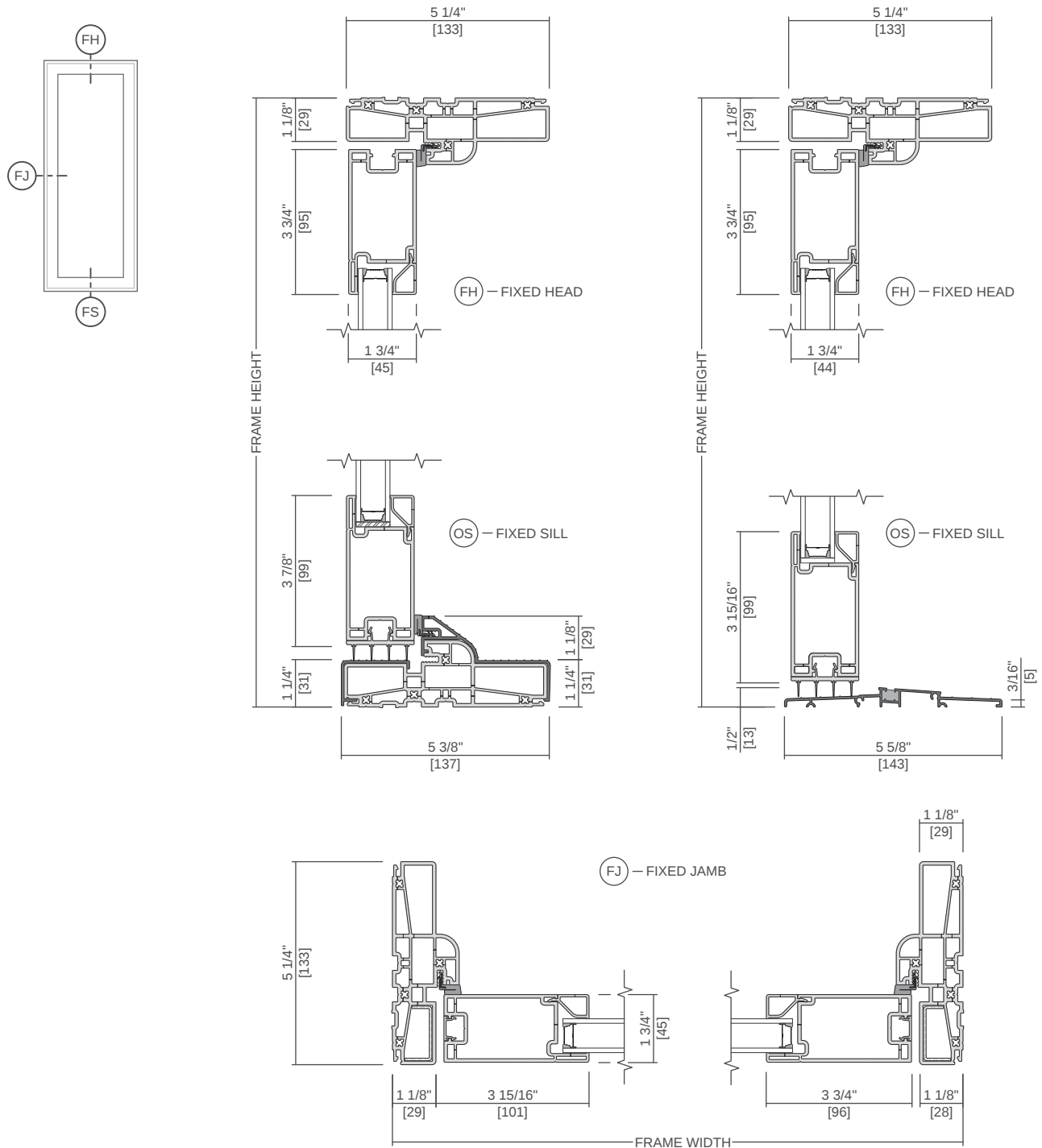
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

Unit Sections - Out-Swing Block Frame



Scale 3" = 1' 0"

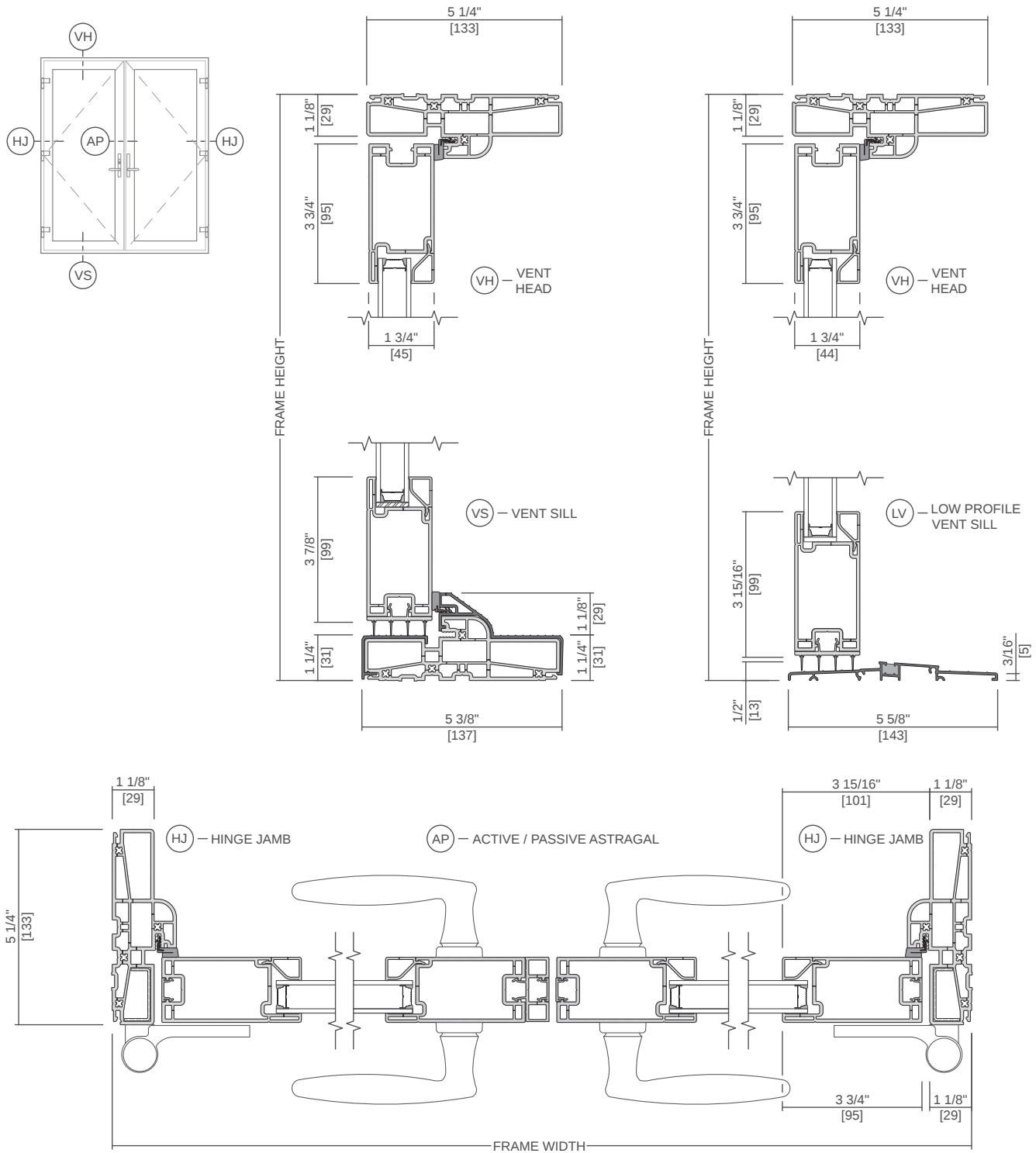
Combinations require reinforcing mullions between units.

All dimensions are approximate.



250 Series Premium Hinged Patio Doors

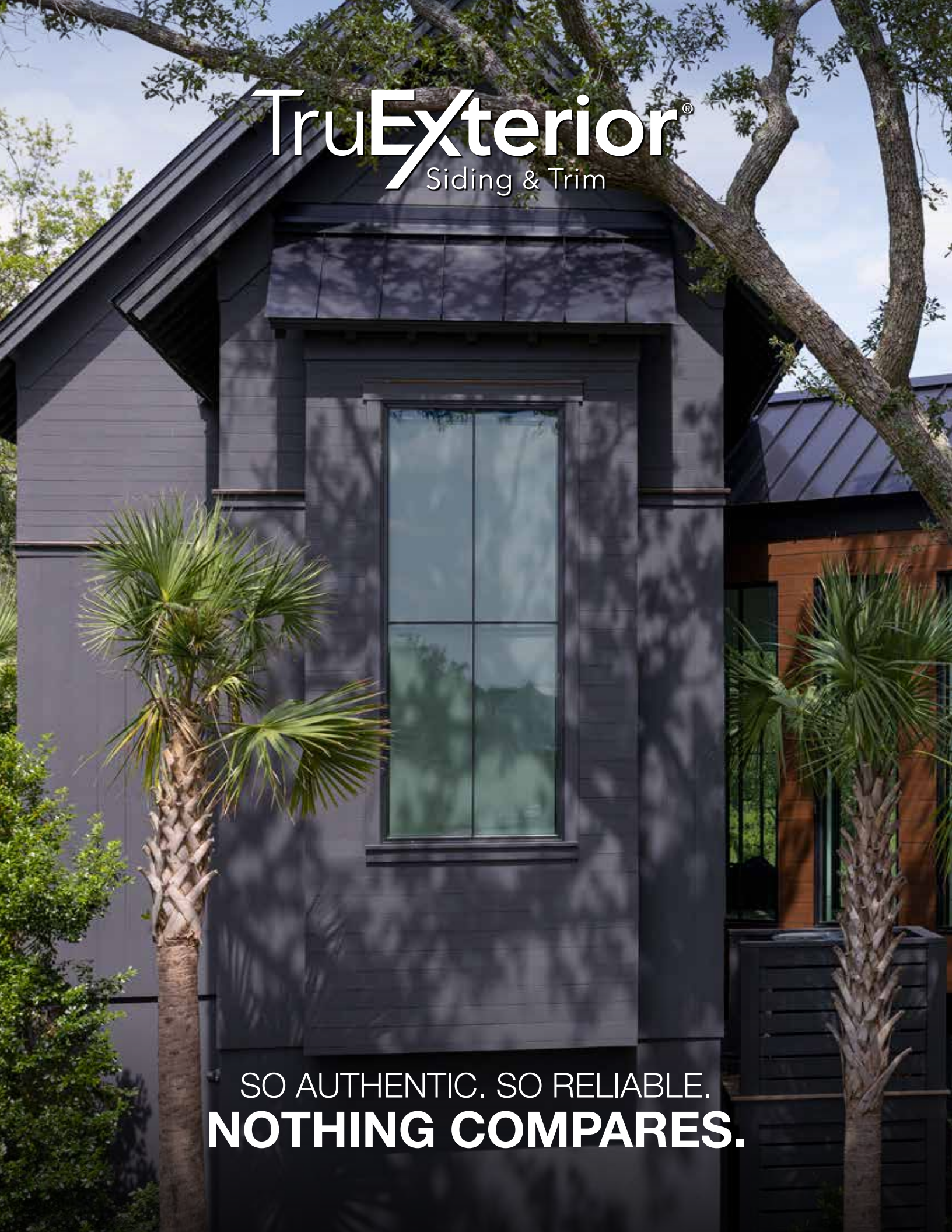
Unit Sections - Out-Swing Block Frame



Scale 3" = 1' 0"

Combinations require reinforcing mullions between units.

All dimensions are approximate.



TruExterior[®]

Siding & Trim

SO AUTHENTIC. SO RELIABLE.
NOTHING COMPARES.

TruExterior® Siding & Trim is a true innovation, invented to address issues common with other exterior products in the industry. It's a siding material that offers a high level of dimensional stability to help reduce expansion and contraction. Plus, TruExterior resists water, making it ideal for applications with ground or masonry contact. TruExterior gives builders the freedom to build beautiful homes with confidence.



Pictured: Nickel Gap, Board & Batten

On the Cover: Nickel Gap, Shiplap





Phenomenal Beauty & Performance.

TruExterior® Siding & Trim offers historically accurate looks with low maintenance and high performance.

BEAUTY IS IN EVERY DETAIL

- Available in a wide range of siding and trim profiles in both woodgrain and smooth finishes
- Craftsman Collection™ features historically accurate siding profiles in bold, crisp shapes
- Authentic look of cedar siding profiles
- Enables tighter gaps due to minimal movement
- Corners can be mitered to create clean lines
- Paint in any color to create the look you want, including darker tones

LOW MAINTENANCE & DURABILITY

- Resists rot and termite attacks*
- Maintains high level of thermal stability* - better than PVC or vinyl
- Absorbs minimal moisture*

PERFORMANCE

- Class A fire rated per ASTM E84 and WUI listed
- Suitable for ground and masonry contact
- Can be used in moisture-prone areas

WARRANTY

- 20 year limited warranty

Remarkable Workability.

TruExterior Siding & Trim offers lasting look while eliminating the need for gluing, gapping and other cumbersome and costly installation techniques.

TOOLS

- Easy to work with, cut and mill
- Installed using proven woodworking tools and methods
- Carbide-tipped blades and bits are recommended for a longer tool life

FASTENING

- Accepts common high-quality, exterior-grade fasteners
- Can be fastened close to the edge
- No need for pre-drilling
- Resists splitting

PAINTING

- TruExterior products come pre-primed and require painting to finish the look
- Can be painted with any color of high-grade exterior paint – including dark colors
- No need to prime end cut
- Paint adheres well due to the thermal stability and the minimal moisture absorption
- Promotes exceptional paint durability, paint lasts longer than on wood*

* Please see TruExterior Siding & Trim Limited Warranties and Product Data Sheets for proprietary test results, located at TruExterior.com. The warranties found there are the sole warranties applicable to TruExterior products. Always follow local building codes and construction best practices. See the complete Installation Guidelines for TruExterior Siding & Trim at TruExterior.com.

Pictured: Channel Bevel



Pictured: Nickel Gap



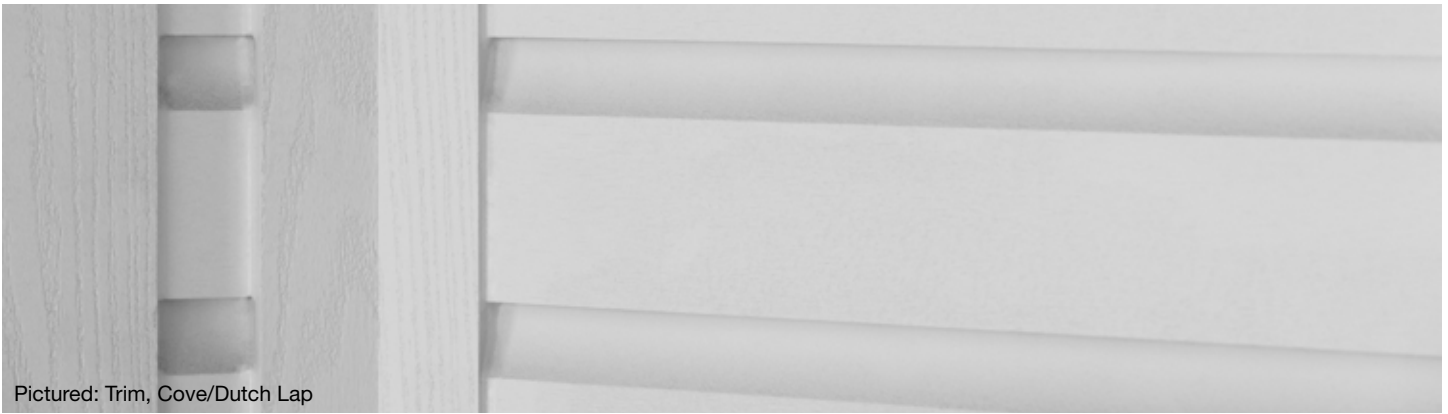
Pictured: Nickel Gap, Trim



Pictured: Channel, Board-and-Batten



Pictured: Shiplap



Pictured: Trim, Cove/Dutch Lap



Pictured: Nickel Gap



Pictured: Trim



Pictured: Cove/Dutch Lap



Pictured: Cove/Dutch Lap

Craftsman Collection™

The TruExterior Siding Craftsman Collection™ offers a variety of authentic, full-thickness profiles with bold, defined shapes and the natural aesthetic of traditional wood siding, all without the maintenance and upkeep associated with exterior wood products.

Historically and architecturally accurate profiles—Channel, Channel Bevel, Cove/Dutch Lap, Nickel Gap, Shiplap and V-Rustic—are the ideal solution for homeowners who desire the look, feel and character of authentic wood siding while avoiding rotting, excessive swelling and termite attacks.



Pictured Top Left to Right: Channel Bevel, Nickel Gap

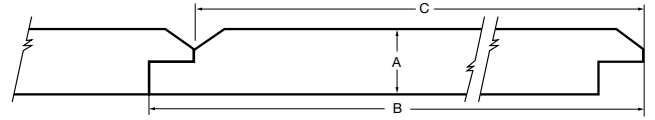
Pictured Bottom Left to Right: Nickel Gap, Channel Bevel

V-RUSTIC

The V-Rustic profile features a deep "V" groove that creates an appealing shadow line effect.

Smooth Finish

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)
1 x 6	11/16"	5-1/2"	5"
1 x 8	11/16"	7-1/2"	7"
1 x 10	11/16"	9-1/2"	9"

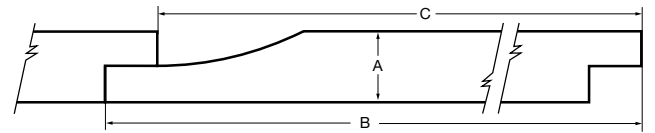


COVE/DUTCH LAP

The Cove/Dutch Lap profile features a subtle curve that creates a unique, eased appearance.

Smooth Finish

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)
1 x 6	11/16"	5-1/2"	4-31/32"
1 x 8	11/16"	7-1/4"	6-23/32"
1 x 10	11/16"	9-1/4"	8-23/32"

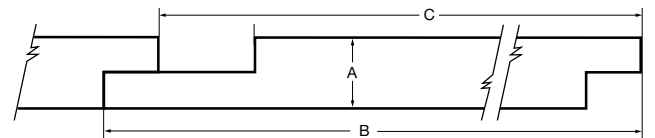


CHANNEL

The Channel profile's wide groove creates a rich shadow line effect.

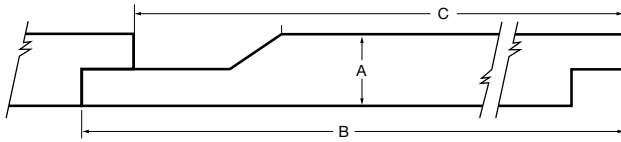
Smooth Finish

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)
1 x 6	11/16"	5-1/2"	4-31/32"
1 x 8	11/16"	7-1/4"	6-23/32"
1 x 10	11/16"	9-1/4"	8-23/32"



TruExterior Siding comes pre-primed and does require paint.

Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)
1 x 6	11/16"	5-1/2"	4-31/32"
1 x 8	11/16"	7-1/2"	6-31/32"
1 x 10	11/16"	9-1/2"	8-31/32"



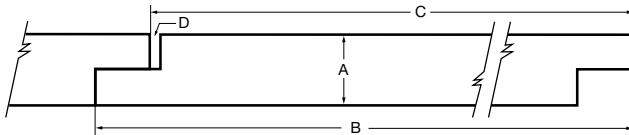
CHANNEL BEVEL

The Channel Bevel profile features a channel-style joint with an angled edge.

Smooth Finish



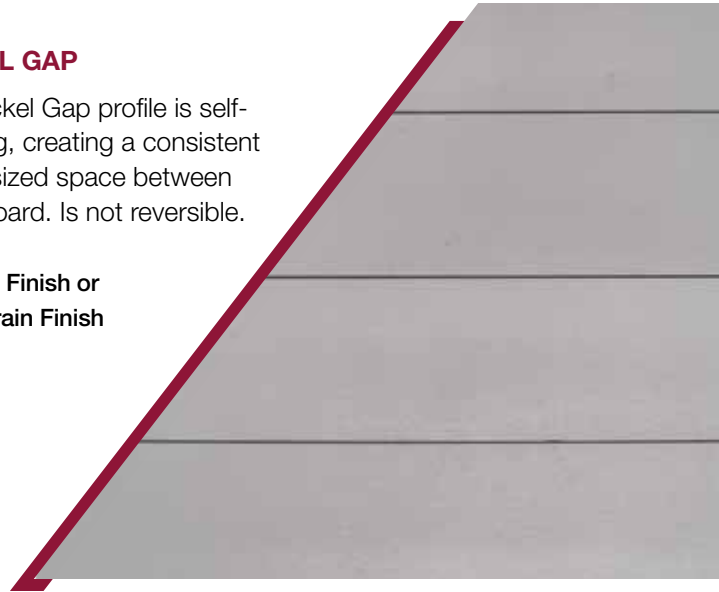
Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)	Gap (D)
1 x 4	11/16"	3-1/2"	3-3/32"	5/64"
1 x 6	11/16"	5-1/2"	5-3/32"	5/64"
1 x 8	11/16"	7-1/4"	6-13/16"	5/64"
1 x 10	11/16"	9-1/4"	8-13/16"	5/64"



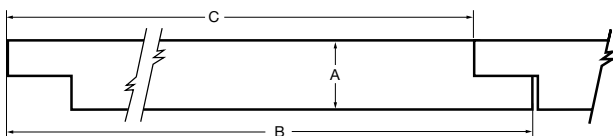
NICKEL GAP

The Nickel Gap profile is self-gapping, creating a consistent nickel-sized space between each board. Is not reversible.

**Smooth Finish or
Woodgrain Finish**



Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)
1 x 4	11/16"	3-1/2"	3"
1 x 6	11/16"	5-1/2"	5"
1 x 8	11/16"	7-1/4"	6-3/4"
1 x 10	11/16"	9-1/4"	8-3/4"



SHIPLAP

The Shiplap profile is edge-matched for a tight joint appearance. It is intended to be installed with the finished surface exposed and is not reversible.

**Smooth Finish or
Woodgrain Finish**



TruExterior Siding comes pre-primed and does require paint.

Beadboard

Including single and double profiles, TruExterior Beadboard is ideal for porch ceilings, soffits and decorative wall applications, and allows for a variety of installations, as it can be attached in either parallel or perpendicular directions.

Its “tongue-and-groove” design results in a clean look that can be reversed to offer a contemporary “V-groove” appearance.

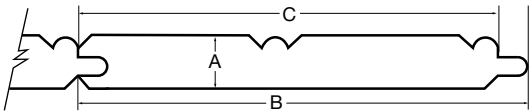


Pictured: V-Groove Pattern



Pictured: Beaded Pattern

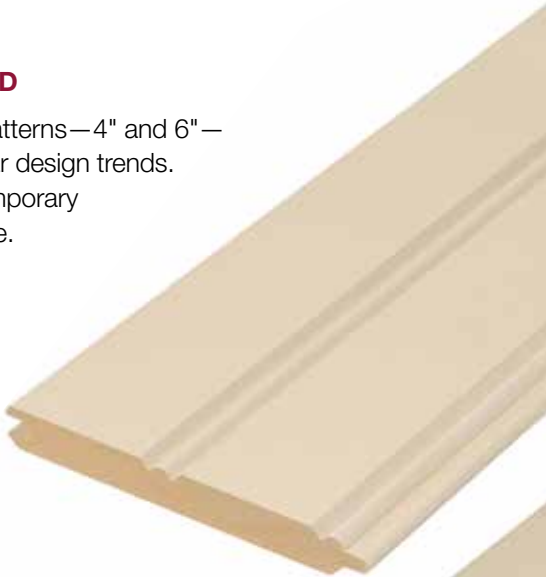
Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)
5/8 x 4	5/8"	3-15/32"	3-5/32"
5/8 x 6	5/8"	5-5/16"	4-15/16"



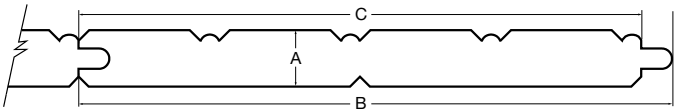
SINGLE BEADBOARD

Two distinct beaded patterns—4" and 6"—to suit the most popular design trends. Reversible for a contemporary “V-Groove” appearance.

Smooth Finish



Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)
5/8 x 8	5/8"	6-9/16"	6-7/32"
5/8 x 12	5/8"	10-1/4"	9-29/32"



DOUBLE BEADBOARD

The same appearance as the single-profile products, but with twice the coverage. Reversible for a contemporary “V-Groove” appearance.

Smooth Finish



TruExterior Beadboard comes pre-primed and does require paint.

Trim

Designed to be used in non-load-bearing applications, TruExterior Trim is suitable for ground and masonry contact and moisture-prone areas, which makes it ideal for exterior trim applications such as fascia, door trim, soffits, rake boards and a variety of other applications. There is no need to prime ends or field cuts. Plus, it can be painted any color. TruExterior Trim accepts common high-quality, exterior-grade fasteners and can be installed using standard woodworking tools and methods.





5/8 Trim Sizes		1X Trim Sizes		5/4 Trim Sizes		2X Trim Sizes	
Nominal	Actual	Nominal	Actual	Nominal	Actual	Nominal	Actual
—	—	—	—	—	—	2 x 2	1-1/2" x 1-1/2"
—	—	1 x 3	3/4" x 2-1/2"	5/4 x 3	1" x 2-1/2"	—	—
5/8 x 4	5/8" x 3-1/2"	1 x 4	3/4" x 3-1/2"	5/4 x 4	1" x 3-1/2"	2 x 4	1-1/2" x 3-1/2"
—	—	1 x 5	3/4" x 4-1/2"	5/4 x 5	1" x 4-1/2"	—	—
5/8 x 6	5/8" x 5-1/2"	1 x 6	3/4" x 5-1/2"	5/4 x 6	1" x 5-1/2"	2 x 6	1-1/2" x 5-1/2"
5/8 x 8	5/8" x 7-1/4"	1 x 8	3/4" x 7-1/4"	5/4 x 8	1" x 7-1/4"	2 x 8	1-1/2" x 7-1/4"
5/8 x 10	5/8" x 9-1/4"	1 x 10	3/4" x 9-1/4"	5/4 x 10	1" x 9-1/4"	2 x 10	1-1/2" x 9-1/4"
5/8 x 12	5/8" x 11-1/4"	1 x 12	3/4" x 11-1/4"	5/4 x 12	1" x 11-1/4"	2 x 12	1-1/2" x 11-1/4"

TruExterior Trim is reversible with woodgrain on one side and a smooth finish on the reverse. Available in a 16' length.

Reversible Smooth/Woodgrain Finish

BOARD-AND-BATTEN SIDING

Whether a Modern Farmhouse design or creating accents on a gable, board-and-batten is one of the hottest trends in home exterior design. And it's easy to create the board-and-batten look using just TruExterior Trim.



TruExterior Trim comes pre-primed and does require paint.

Accessories

TruExterior Siding & Trim Accessories make it easy to create polished, professional-looking siding and trim installations. Decorative yet functional, the poly-ash accessories are designed to go where other materials can't, making them the perfect complement to cedar, fiber cement and other traditional siding products, as they are suitable for ground and masonry contact.



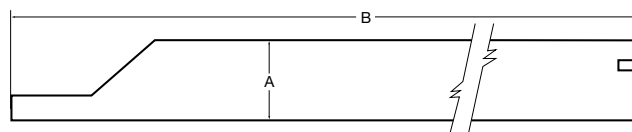
SKIRT BOARD

Provides a decorative yet functional way to create the required clearance between siding and grade.

Available Finishes:

- Smooth
- Woodgrain

Nominal Size	Actual Thickness (A)	Actual Width (B)
1 x 6	3/4"	5-1/2"
1 x 8	3/4"	7-1/4"
5/4 x 6	1"	5-1/2"
5/4 x 8	1"	7-1/4"



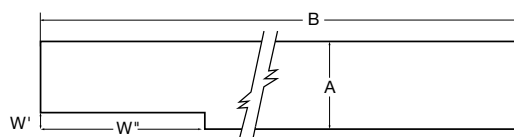
WINDOW POCKET RABBETED TRIM

The rabbeted groove helps trim to sit flush over the window's nailing flange, eliminating the need for cuts or shims.

Available Finishes:

- Smooth
- Woodgrain

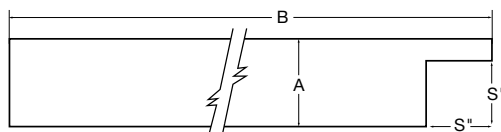
Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')
5/4 x 4	1"	3-1/2"	3/16" x 1-7/8"
5/4 x 6	1"	5-1/2"	3/16" x 1-7/8"
5/4 x 8	1"	7-1/4"	3/16" x 1-7/8"



TruExterior Accessories come pre-primed and do require paint.



Nominal Size	Actual Thickness (A)	Actual Width (B)	Siding Pocket (S' x S'')
5/4 x 3	1"	2-1/2"	3/4" x 3/4"
5/4 x 4	1"	3-1/2"	3/4" x 3/4"
5/4 x 5	1"	4-1/2"	3/4" x 3/4"
5/4 x 6	1"	5-1/2"	3/4" x 3/4"
5/4 x 8	1"	7-1/4"	3/4" x 3/4"



SIDING POCKET RABBETED TRIM

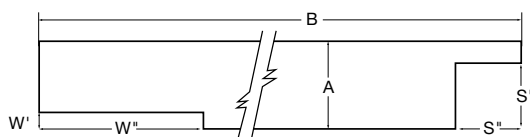
Perfect for end wall terminations, this trim with a 3/4" siding pocket accepts all TruExterior Siding profiles.

Available Finishes:

- Smooth
- Woodgrain



Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')	Siding Pocket (S' x S'')
5/4 x 4	1"	3-1/2"	3/16" x 1-7/8"	3/4" x 3/4"
5/4 x 6	1"	5-1/2"	3/16" x 1-7/8"	3/4" x 3/4"
5/4 x 8	1"	7-1/4"	3/16" x 1-7/8"	3/4" x 3/4"

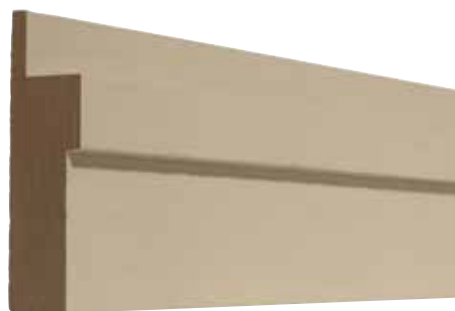


WINDOW AND SIDING POCKET RABBETED TRIM

The ultimate accessory to build a neat, professional-looking window surround.

Available Finishes:

- Smooth
- Woodgrain



TruExterior Accessories come pre-primed and do require paint.

TruExterior® Siding & Trim Reference Guide

SUSTAINABILITY

The sustainable properties of TruExterior Siding & Trim are a result of a combination of proprietary polymer chemistry and highly refined, recovered coal combustion products (fly ash).

- Contains a minimum of 70% recycled content—verified by SCS Global Services



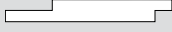
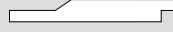
CODE LISTINGS

TruExterior Siding & Trim have undergone rigorous internal and third-party testing to provide building officials, architects, contractors, specifiers, designers and others with reliable, high-performing products.

- California's Wildland-Urban Interface (WUI) listed—Beadboard, Siding, and Trim
- Texas Department of Insurance (TDI) EC-92—Siding
- Florida Building Code FL17285—Siding
- Intertek CCRR-0300

PROJECT ESTIMATOR

V-Rustic		Cove/Dutch Lap	
			
Nominal	Boards per square	Nominal	Boards per square
1 x 6	15	1 x 6	15
1 x 8	11	1 x 8	12
1 x 10	9	1 x 10	9

Channel		Channel Bevel	
			
Nominal	Boards per square	Nominal	Boards per square
1 x 6	15	1 x 6	15
1 x 8	12	1 x 8	11
1 x 10	9	1 x 10	9

Nickel Gap		Shiplap	
			
Nominal	Boards per square	Nominal	Boards per square
1 x 4	24	1 x 4	24
1 x 6	15	1 x 6	15
1 x 8	11	1 x 8	11
1 x 10	9	1 x 10	9

Craftsman Collection Siding

V-Rustic		Cove/Dutch Lap		Channel	
					
Nominal	Actual	Nominal	Actual	Nominal	Actual
1 x 6	11/16" x 5-1/2"	1 x 6	11/16" x 5-1/2"	1 x 6	11/16" x 5-1/2"
1 x 8	11/16" x 7-1/2"	1 x 8	11/16" x 7-1/4"	1 x 8	11/16" x 7-1/4"
1 x 10	11/16" x 9-1/2"	1 x 10	11/16" x 9-1/4"	1 x 10	11/16" x 9-1/4"

Channel Bevel		Nickel Gap		Shiplap	
					
Nominal	Actual	Nominal	Actual	Nominal	Actual
1 x 6	11/16" x 5-1/2"	1 x 4	11/16" x 3-1/2"	1 x 4	11/16" x 3-1/2"
1 x 8	11/16" x 7-1/2"	1 x 6	11/16" x 5-1/2"	1 x 6	11/16" x 5-1/2"
1 x 10	11/16" x 9-1/2"	1 x 8	11/16" x 7-1/4"	1 x 8	11/16" x 7-1/4"
		1 x 10	11/16" x 9-1/4"	1 x 10	11/16" x 9-1/4"

Beadboard

Single		Double	
			
Nominal Size	Actual	Nominal	Actual
5/8 x 4	5/8" x 3-15/32"	5/8 x 8	5/8" x 6-9/16"
5/8 x 6	5/8" x 5-5/16"	5/8 x 12	5/8" x 10-1/4"

Trim

5/8 Trim Sizes		1X Trim Sizes		5/4 Trim Sizes		2X Trim Sizes	
Nominal	Actual	Nominal	Actual	Nominal	Actual	Nominal	Actual
—	—	—	—	—	—	2 x 2	1-1/2" x 1-1/2"
—	—	1 x 3	3/4" x 2-1/2"	5/4 x 3	1" x 2-1/2"	—	—
5/8 x 4	5/8" x 3-1/2"	1 x 4	3/4" x 3-1/2"	5/4 x 4	1" x 3-1/2"	2 x 4	1-1/2" x 3-1/2"
—	—	1 x 5	3/4" x 4-1/2"	5/4 x 5	1" x 4-1/2"	—	—
5/8 x 6	5/8" x 5-1/2"	1 x 6	3/4" x 5-1/2"	5/4 x 6	1" x 5-1/2"	2 x 6	1-1/2" x 5-1/2"
5/8 x 8	5/8" x 7-1/4"	1 x 8	3/4" x 7-1/4"	5/4 x 8	1" x 7-1/4"	2 x 8	1-1/2" x 7-1/4"
5/8 x 10	5/8" x 9-1/4"	1 x 10	3/4" x 9-1/4"	5/4 x 10	1" x 9-1/4"	2 x 10	1-1/2" x 9-1/4"
5/8 x 12	5/8" x 11-1/4"	1 x 12	3/4" x 11-1/4"	5/4 x 12	1" x 11-1/4"	2 x 12	1-1/2" x 11-1/4"

Accessories

Skirt Board		Window Pocket Rabbeted Trim		Siding Pocket Rabbeted Trim		Window and Siding Pocket Rabbeted Trim	
							
Nominal	Actual	Nominal	Actual	Nominal	Actual	Nominal	Actual
1 x 6	3/4" x 5-1/2"	5/4 x 4	1" x 3-1/2"	5/4 x 3	1" x 2-1/2"	5/4 x 4	1" x 3-1/2"
1 x 8	3/4" x 7-1/4"	5/4 x 6	1" x 5-1/2"	5/4 x 4	1" x 3-1/2"	5/4 x 6	1" x 5-1/2"
5/4 x 6	1" x 5-1/2"	5/4 x 8	1" x 7-1/4"	5/4 x 5	1" x 4-1/2"	5/4 x 8	1" x 7-1/4"
5/4 x 8	1" x 7-1/4"			5/4 x 6	1" x 5-1/2"		
				5/4 x 8	1" x 7-1/4"		

Note: All TruExterior Siding, Trim, Beadboard and Accessory products are available in standard 16' length.

SIDING & ACCESSORIES TRIM & MOULDINGS ROOFING STONE WINDOWS OUTDOOR LIVING



BE BOUNDLESS™

THE PRODUCTS TO DO EVERYTHING. THE POWER TO DO EVEN MORE.

We're answering "what ifs" on a whole new level—from the solutions we create to the dreams we build. We have the tools and technology to tell design stories on a bigger scale and on a more personal level. There are no limits to how far we innovate, how deeply we express, how strongly we commit and how boldly we go.

Together let's Be Boundless™.

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TruExterior[®]

Siding & Trim



SO AUTHENTIC. SO RELIABLE.
NOTHING COMPARES.



TruExterior® Siding & Trim offers real workability that exceeds that of wood without sacrificing the look, feel and character of traditional wood products, creating a balance of performance and aesthetics that cannot be found with other man-made alternatives.

Phenomenal Performance. Remarkable Workability.

TruExterior Siding & Trim offers both a lasting look while eliminating the need for gluing, gapping and other cumbersome and costly installation techniques.

APPLICATION

- Designed for use in non-structural applications
- Suitable for ground and masonry contact
- Can be used in moisture-prone areas
- Installation is the same regardless of the season

TOOLS

- Installed using proven woodworking tools and methods
- Carbide-tipped blades and bits are recommended for a longer tool life

FASTENING

- Accepts common high-quality, exterior-grade fasteners that are suitable for the local environment
- Can be fastened close to the edge
- No need for pre-drilling
- No mushrooming

DURABILITY

- WUI listed
- No need to prime ends or field cuts
- Resists rot and termite attacks*
- No excessive swelling*

PAINTING

- TruExterior products come pre-primed and do require paint
- No need to prime end cuts
- Can be painted with any high-grade exterior paint when following the paint manufacturer's instructions
- Dimensionally stable, promoting long-lasting paint adhesions, even with dark colors*
- Virtually no moisture cycling, paint last longer than on wood*
- Traditional exterior-grade caulks and exterior-grade wood fillers are acceptable for filling nail holes

BEAUTY

- Tighter gaps, minimal movement—it will move less than PVC and vinyl
- True look of cedar, real architectural detail

WARRANTY

- 20 year limited warranty



Pictured: Board-and-Batten

*Please see TruExterior Siding & Trim Limited Warranties and Product Data Sheets for proprietary test results, located at TruExterior.com. Always follow local building codes and construction best practices. See the complete Installation Guidelines for TruExterior Siding & Trim at TruExterior.com.

Trim

Designed to be used in non-load-bearing applications, TruExterior Trim is suitable for ground and masonry contact and moisture-prone areas, which makes it ideal for exterior trim applications such as fascia, door trim, soffits, rake boards and a variety of other applications. There is no need to prime ends or field cuts. Plus, it can be painted any color. TruExterior Trim accepts common high-quality, exterior-grade fasteners and can be installed using standard woodworking tools and methods.





5/8 Trim Sizes		1X Trim Sizes		5/4 Trim Sizes		2X Trim Sizes	
Nominal	Actual	Nominal	Actual	Nominal	Actual	Nominal	Actual
—	—	—	—	—	—	2 x 2	1-1/2" x 1-1/2"
—	—	1 x 3	3/4" x 2-1/2"	5/4 x 3	1" x 2-1/2"	—	—
5/8 x 4	5/8" x 3-1/2"	1 x 4	3/4" x 3-1/2"	5/4 x 4	1" x 3-1/2"	2 x 4	1-1/2" x 3-1/2"
—	—	1 x 5	3/4" x 4-1/2"	5/4 x 5	1" x 4-1/2"	—	—
5/8 x 6	5/8" x 5-1/2"	1 x 6	3/4" x 5-1/2"	5/4 x 6	1" x 5-1/2"	2 x 6	1-1/2" x 5-1/2"
5/8 x 8	5/8" x 7-1/4"	1 x 8	3/4" x 7-1/4"	5/4 x 8	1" x 7-1/4"	2 x 8	1-1/2" x 7-1/4"
5/8 x 10	5/8" x 9-1/4"	1 x 10	3/4" x 9-1/4"	5/4 x 10	1" x 9-1/4"	2 x 10	1-1/2" x 9-1/4"
5/8 x 12	5/8" x 11-1/4"	1 x 12	3/4" x 11-1/4"	5/4 x 12	1" x 11-1/4"	2 x 12	1-1/2" x 11-1/4"

TruExterior Trim is reversible with woodgrain on one side and a smooth finish on the reverse. Available in a 16' length.

Reversible Smooth/Woodgrain Finish

BOARD-AND-BATTEN SIDING

Whether a Modern Farmhouse design or creating accents on a gable, board-and-batten is one of the hottest trends in home exterior design. And it's easy to create the board-and-batten look using just TruExterior Trim.



TruExterior Trim comes pre-primed and does require paint.

Beadboard

Including single and double profiles, TruExterior Beadboard is ideal for porch ceilings, soffits and decorative wall applications, and allows for a variety of installations, as it can be attached in either parallel or perpendicular directions.

Its “tongue-and-groove” design results in a clean look that can be reversed to offer a contemporary “V-groove” appearance.

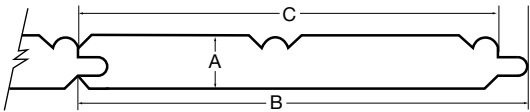


Pictured: V-Groove Pattern



Pictured: Beaded Pattern

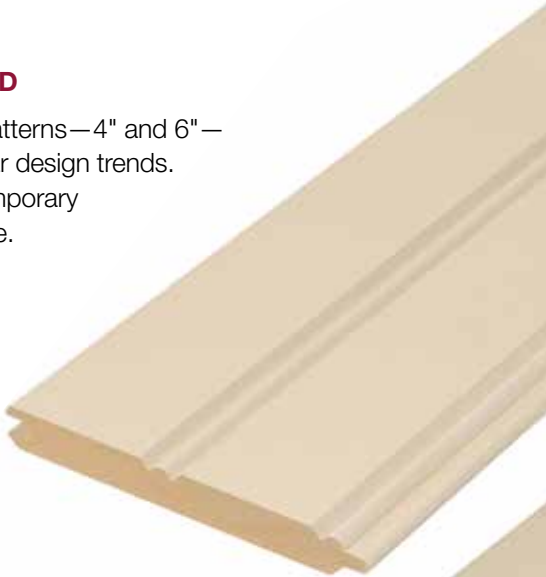
Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)
5/8 x 4	5/8"	3-15/32"	3-5/32"
5/8 x 6	5/8"	5-5/16"	4-15/16"



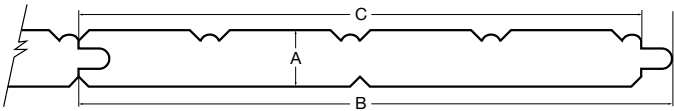
SINGLE BEADBOARD

Two distinct beaded patterns—4" and 6"—to suit the most popular design trends. Reversible for a contemporary “V-Groove” appearance.

Smooth Finish



Nominal Size	Actual Thickness (A)	Actual Width (B)	Reveal (C)
5/8 x 8	5/8"	6-9/16"	6-7/32"
5/8 x 12	5/8"	10-1/4"	9-29/32"



DOUBLE BEADBOARD

The same appearance as the single-profile products, but with twice the coverage. Reversible for a contemporary “V-Groove” appearance.

Smooth Finish



TruExterior Beadboard comes pre-primed and does require paint.

Accessories

TruExterior Siding & Trim Accessories make it easy to create polished, professional-looking siding and trim installations. Decorative yet functional, the poly-ash accessories are designed to go where other materials can't, making them the perfect complement to cedar, fiber cement and other traditional siding products, as they are suitable for ground and masonry contact.



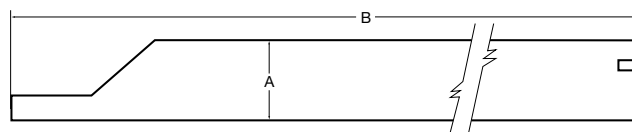
SKIRT BOARD

Provides a decorative yet functional way to create the required clearance between siding and grade.

Available Finishes:

- Smooth
- Woodgrain

Nominal Size	Actual Thickness (A)	Actual Width (B)
1 x 6	3/4"	5-1/2"
1 x 8	3/4"	7-1/4"
5/4 x 6	1"	5-1/2"
5/4 x 8	1"	7-1/4"



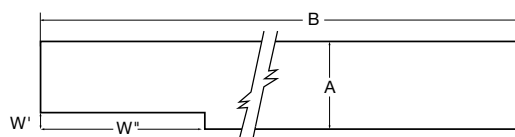
WINDOW POCKET RABBETED TRIM

The rabbeted groove helps trim to sit flush over the window's nailing flange, eliminating the need for cuts or shims.

Available Finishes:

- Smooth
- Woodgrain

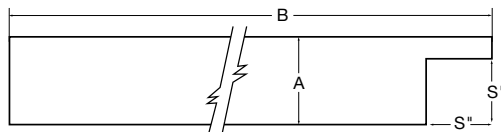
Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')
5/4 x 4	1"	3-1/2"	3/16" x 1-7/8"
5/4 x 6	1"	5-1/2"	3/16" x 1-7/8"
5/4 x 8	1"	7-1/4"	3/16" x 1-7/8"



TruExterior Accessories come pre-primed and do require paint.



Nominal Size	Actual Thickness (A)	Actual Width (B)	Siding Pocket (S' x S'')
5/4 x 3	1"	2-1/2"	3/4" x 3/4"
5/4 x 4	1"	3-1/2"	3/4" x 3/4"
5/4 x 5	1"	4-1/2"	3/4" x 3/4"
5/4 x 6	1"	5-1/2"	3/4" x 3/4"
5/4 x 8	1"	7-1/4"	3/4" x 3/4"



SIDING POCKET RABBETED TRIM

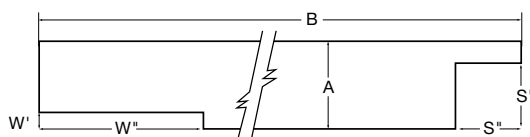
Perfect for end wall terminations, this trim with a 3/4" siding pocket accepts all TruExterior Siding profiles.

Available Finishes:

- Smooth
- Woodgrain



Nominal Size	Actual Thickness (A)	Actual Width (B)	Window Pocket (W' x W'')	Siding Pocket (S' x S'')
5/4 x 4	1"	3-1/2"	3/16" x 1-7/8"	3/4" x 3/4"
5/4 x 6	1"	5-1/2"	3/16" x 1-7/8"	3/4" x 3/4"
5/4 x 8	1"	7-1/4"	3/16" x 1-7/8"	3/4" x 3/4"

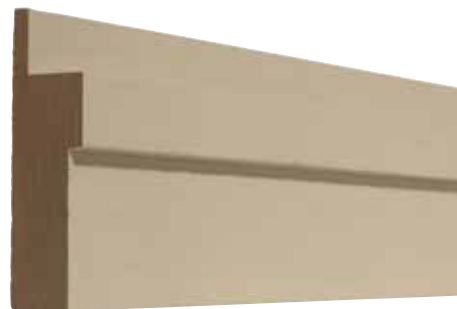


WINDOW AND SIDING POCKET RABBETED TRIM

The ultimate accessory to build a neat, professional-looking window surround.

Available Finishes:

- Smooth
- Woodgrain



TruExterior Accessories come pre-primed and do require paint.



TruExterior Siding & Trim Reference Guide

SUSTAINABILITY

The sustainable properties of TruExterior Siding & Trim are a result of a combination of proprietary polymer chemistry and highly refined, recovered coal combustion products (fly ash).



- Contains a minimum of 70% recycled content—verified by SCS Global Services

CODE LISTINGS

TruExterior Siding & Trim have undergone rigorous internal and third-party testing to provide building officials, architects, contractors, specifiers, designers and others with reliable, high-performing products.

- California's Wildland-Urban Interface (WUI) listed—Beadboard and Trim
- Intertek CCRR-0300

Trim

5/8 Trim Sizes		1X Trim Sizes		5/4 Trim Sizes		2X Trim Sizes	
Nominal	Actual	Nominal	Actual	Nominal	Actual	Nominal	Actual
—	—	—	—	—	—	2 x 2	1-1/2" x 1-1/2"
—	—	1 x 3	3/4" x 2-1/2"	5/4 x 3	1" x 2-1/2"	—	—
5/8 x 4	5/8" x 3-1/2"	1 x 4	3/4" x 3-1/2"	5/4 x 4	1" x 3-1/2"	2 x 4	1-1/2" x 3-1/2"
—	—	1 x 5	3/4" x 4-1/2"	5/4 x 5	1" x 4-1/2"	—	—
5/8 x 6	5/8" x 5-1/2"	1 x 6	3/4" x 5-1/2"	5/4 x 6	1" x 5-1/2"	2 x 6	1-1/2" x 5-1/2"
5/8 x 8	5/8" x 7-1/4"	1 x 8	3/4" x 7-1/4"	5/4 x 8	1" x 7-1/4"	2 x 8	1-1/2" x 7-1/4"
5/8 x 10	5/8" x 9-1/4"	1 x 10	3/4" x 9-1/4"	5/4 x 10	1" x 9-1/4"	2 x 10	1-1/2" x 9-1/4"
5/8 x 12	5/8" x 11-1/4"	1 x 12	3/4" x 11-1/4"	5/4 x 12	1" x 11-1/4"	2 x 12	1-1/2" x 11-1/4"

Beadboard

Single		Double	
Nominal Size	Actual	Nominal	Actual
5/8 x 4	5/8" x 3-15/32"	5/8 x 8	5/8" x 6-9/16"
5/8 x 6	5/8" x 5-5/16"	5/8 x 12	5/8" x 10-1/4"

Accessories

Skirt Board		Window Pocket Rabbeted Trim		Siding Pocket Rabbeted Trim		Window and Siding Pocket Rabbeted Trim	
Nominal	Actual	Nominal	Actual	Nominal	Actual	Nominal	Actual
1 x 6	3/4" x 5-1/2"	5/4 x 4	1" x 3-1/2"	5/4 x 3	1" x 2-1/2"	5/4 x 4	1" x 3-1/2"
1 x 8	3/4" x 7-1/4"	5/4 x 6	1" x 5-1/2"	5/4 x 4	1" x 3-1/2"	5/4 x 6	1" x 5-1/2"
5/4 x 6	1" x 5-1/2"	5/4 x 8	1" x 7-1/4"	5/4 x 5	1" x 4-1/2"	5/4 x 8	1" x 7-1/4"
5/4 x 8	1" x 7-1/4"			5/4 x 6	1" x 5-1/2"		
				5/4 x 8	1" x 7-1/4"		

Note: All TruExterior Trim, Beadboard, and Accessory products are available in a standard 16' length.

OUTDOOR LIVING



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