



Product Selection Guide

Size and Performance Data.....AL-PVD-2

Features and Options..... AL-PVD-3

Grilles AL-PVD-4

Size Tables..... AL-PVD-5

Special Sizes and Dimensions AL-PVD-9

Detailed Product Description.....AL-PVD-10

Unit Sections

Frame Types Overview.....AL-PVD-11

Sill Types AL-PVD-13

Nail Fin.....AL-PVD-14

Block FrameAL-PVD-15

Center RailAL-PVD-16

Glazing..... AL-PVD-17

Glazing Bead.....AL-PVD-19

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 sales representative for regional availability and up-to-date product information.



Vista Series Premium Aluminum Pivot Doors

Size and Performance Data

	Pivot Door
	Single Door
Sizes	
Standard Sizes ⁽¹⁾	S
Special Sizes Available Built on 1/8" Increments	O
Frames	
Integral Nail Fin - 1-1/16" setback	S
Block Frame	O
Performance	
Meets or Exceeds AAMA/WDMA Ratings	Not Rated
Air Infiltration (cfm/ft ² of frame @ 1.57 psf wind pressure)	-
Design Pressure (psf)	-
Water Resistance (psf)	-
Forced Entry	-

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

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



Vista Series Premium Aluminum Pivot Doors

Features and Options

	Pivot Doors		Pivot Doors
Glazing		Interior/Exterior Color	
Glazing Type		6 Standard Anodized Colors ₂	S
Dual-pane insulating glass	S	71 Standard Paint Colors ₃	S
Triple-pane insulating glass	O	Custom Paint Colors ₃	O
Insulated Glass Options / Low-E Types		Grilles	
Advanced Low-E	S	Simulated -Divided-Light Grille Profiles	
NaturalSun Low-E	O	Exterior 7/8" Beveled or Flat	O
NaturalSun+ Low-E	O	Interior 7/8" Flat	O
SunDefense	O	Grilles-Between-the-Glass	
SunDefense+	O	5/8" Flat	O
SunDefense Laminated	O	11/16" Contoured	O
Insulated Low-E 240	O	Grille Patterns	
Insulated Low-E 340	O	Traditional	O
Triple Insulated Low-E	O	9-Lite Prairie	O
Triple Insulated LE 272 / Clear / LE 272	O	6-Lite Prairie	O
Triple Insulated LE 272 / Clear / LE i89	O	Top Row	O
Advanced Low-E Triple	O	Custom	O
SunDefense Triple	O	Hardware	
ES - SunDefense Triple	O	Pulls	
ES - Triple Low-E Insulating Glass	O	Tubular Round Pull - Offset	S
ES - Triple Insulated LE 272 / Clear / LE 272	O	Boulder Hammered - Offset	O
ES - Triple Insulated LE 272 / Clear / LE i89	O	Teton Pull - Offset	O
ES - Advanced Low-E Triple	O	No Pull Hardware	O
ES - SunDefense+ Triple	O	Lock Options	
ES - Triple Insulated LE 366 / Clear / LE 180	O	Single-point Lock	O
Additional Glazing Options		Round Escutcheons	S
Tempered Glass	O	Square Escutcheons	O
Laminated	O	Keyed Random	S
Gas Fill / High Altitude		Keyed Alike	O
Argon	S	Hardware Finishes	
High altitude	O	Tubular Handle Pull Finishes	
Glazing Profile		Brushed Stainless	S
Square exterior glazing bead	S	Matte Black	O
Beveled	O	Rustic Bronze	O
Narrow	O	Boulder & Teton Handle Pull Finishes	
		Stainless Nickel	O
		Matte Black	O
		Rustic Bronze	O
		Lockset Finishes	
		Satin Nickel	O
		Matte Black	O
		Rustic Bronze	S

S = Standard; O = Optional

(1) Not available with triple-pane glazing.

(2) Anodized Finish is AAMA 611 Class 1.

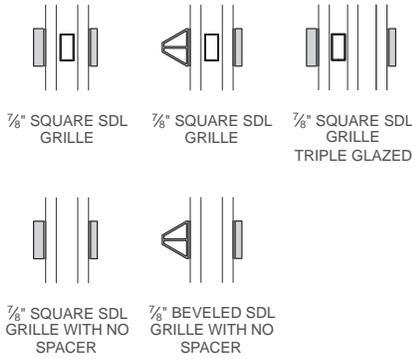
(3) Standard and Custom Paint meet AAMA 2605 Requirements.



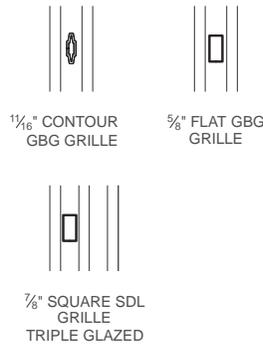
Grilles

Grille Profiles

Simulated-Divided-Light Grilles

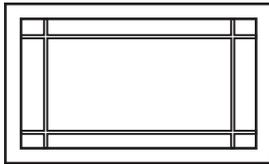


Grilles-Between-the-Glass



Grille Patterns

Prairie Lite Patterns



9-Lite Prairie

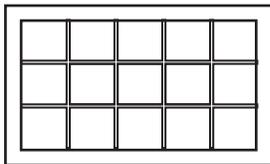


6-Lite Prairie

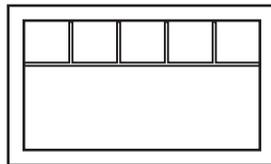
Prairie

- Approximately 4" from edge of sash to center of bar.
- Minimum actual glass is 13".

Other Available Patterns



Traditional



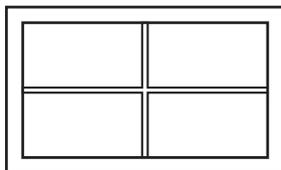
Top Row

Traditional

- Specify number of lites.
- Grilles must be equally divided on visible glass.
- Minimum 6" x 6".

Top Row

- Standard visible glass to separator bar must be $\leq 1/2$ upper actual glass.



Custom



Vista Series Premium Aluminum Pivot Doors

Size Tables

Inswing Pivot Door (4502) / Outswing Pivot Door (4602) - No Sill

Jamb Dimension	4'-2 3/32"	5'-2 3/32"	6'-2 3/32"	7'-2 3/32"	8'-2 3/32"
Rough Opening	4'-2 27/32"	5'-2 27/32"	6'-2 27/32"	7'-2 27/32"	8'-2 27/32"
Soft Metric R.O. (mm)	1291	1596	1901	2206	2511
Class Size	40 31/32"	52 31/32"	64 31/32"	76 31/32"	88 31/32"

Left pivot shown
Right pivot available

8'-1 15/32"	8'-1 31/32"	2488	86 17/32"						
9'-1 15/32"	9'-1 31/32"	2793	98 17/32"						
10'-1 15/32"	10'-1 31/32"	3098	110 17/32"						
11'-1 15/32"	11'-1 31/32"	3403	122 17/32"						
12'-1 15/32"	12'-1 31/32"	3708	134 17/32"						



Vista Series Premium Aluminum Pivot Doors

Size Tables

Inswing Pivot Door (4502) / Outswing Pivot Door (4602) - No Sill

Jamb Dimension	4'-2 3/32"	5'-2 3/32"	6'-2 3/32"
Rough Opening	4'-2 27/32"	5'-2 27/32"	6'-2 27/32"
Soft Metric R.O. (mm)	1291	1596	1901
Glass Size	40 31/32"	52 31/32"	64 31/32"

13'-1 15/32"	13'-1 31/32"	146 17/32"			
14'-1 15/32"	14'-1 31/32"	158 17/32"			

Left pivot shown
Right pivot available



Vista Series Premium Aluminum Pivot Doors

Size Tables

Inswing Pivot Door (4502) / Outswing Pivot Door (4602) - ADA Sill

Jamb Dimension	4'-2 3/32"	5'-2 3/32"	6'-2 3/32"	7'-2 3/32"	8'-2 3/32"
Rough Opening	4'-2 27/32"	5'-2 27/32"	6'-2 27/32"	7'-2 27/32"	8'-2 27/32"
Soft Metric R.O. (mm)	1291	1596	1901	2206	2511
Glass Size	40 31/32"	52 31/32"	64 31/32"	76 31/32"	88 31/32"
8'-1 31/32"	8'-2 15/32"	2501	87 1/32"		
9'-1 31/32"	9'-2 15/32"	2806	99 1/32"		
10'-1 31/32"	10'-2 15/32"	3111	111 1/32"		
11'-1 31/32"	11'-2 15/32"	3416	123 1/32"		
12'-1 31/32"	12'-2 15/32"	3720	135 1/32"		

Left pivot shown
Right pivot available



Vista Series Premium Aluminum Pivot Doors

Size Tables

Inswing Pivot Door (4502) / Outswing Pivot Door (4602) - ADA Sill

Jamb Dimension	4'-2 3/32"	5'-2 3/32"	6'-2 3/32"
Rough Opening	4'-2 27/32"	5'-2 27/32"	6'-2 27/32"
Soft Metric R.O. (mm)	1291	1596	1901
Glass Size	40 31/32"	52 31/32"	64 31/32"

13'-1 31/32"	4025	147 1/32"			
13'-2 15/32"	4330	159 1/32"			

Left pivot shown
Right pivot available



Vista Series Premium Aluminum Pivot Doors

Special Size and Dimensions

1-Wide Unit	
MINIMUM	MAXIMUM
50.094" W x 80.063" H (1 272 x 2 034)	98.094" W x 170.063" H (2 492 x 4 320)

Miscellaneous Formulas

	No Sill	Low Profile Sill
Actual Glass	AGH = FH - 11.031	AGH = FH - 11.531
	AGW = FW - 8.039	
Visible Glass	AGH = FH - 12.031	AGH = FH - 12.531
	AGW = FW - 9.039	

Clear opening varies according to placement of pivot hardware.
Hardware location is determined by unit dimensions and panel weight which is affected by glazing selection. Contact your local Pella sales representative for details.

General Notes:

- Special sizes are available within the parameters shown on 1/8" increments.
- 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 X sq. ft.

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



Vista Series Premium Aluminum Pivot Doors

Detailed Product Description

Frame

- Thermally broken extruded aluminum [with integral Nail Fin with 1 inch setback] [Block frame].
- Corners are mitered and mechanically fastened with corner keys.
- Overall frame depth is 4-1/4" (108 mm) for a wall depth of 3-3/16" (81 mm).
- [No Sill] [Low profile (ADA) Sill].

Panel

- Thermally broken extruded aluminum.
- Corners are mitered and mechanically fastened with corner keys.
- Panel thickness is 2-3/8" (60 mm).
- Sash exterior glazing profile is [Square] [Beveled] [Narrow].
- Contains sealed insulating glass.

Weatherstripping

- Dual weatherstripping.
 - Flexible vinyl weatherstrip between frame and sash with two points of contact at rails and stiles.

Glazing System

- Quality float glass complying with ASTM C 1036.
- Silicone-glazed dual-pane 1" insulating glass [[annealed] [tempered]], [[Advanced] [SunDefense™] [SunDefense+] [NaturalSun] [NaturalSun+] [SunDefense Laminated] [Low-E 240] [Low-E 340] [with argon]].
-or-
- Silicone-glazed triple-pane 1" insulating glass [[ES - Triple Insulated Low-E] [ES - Triple Insulated LE 272 / Clear / LE 272] [ES - Triple Insulated LE 272 / Clear / LE i89] [ES - LE 366 / Clear / LE 180] [ES - Triple Insulated LE 272 / Clear / LE 180] [ES - SunDefense Triple Low-E] [with Argon]].
-or-
- Silicone-glazed triple-pane 1-9/16" insulating glass [[ES - Triple Insulated Low-E] [ES - Triple Insulated LE 272 / Clear / LE 272] [ES - Triple Insulated LE 272 / Clear / LE i89] [ES - Triple Insulated LE 272 / Clear / LE 180] [ES - Triple Insulated LE 366 / Clear / i89] [ES - Triple Insulated LE 366 / Clear / LE180] [ES - SunDefense Triple Low-E] [with Argon]].

Exterior

- Aluminum exterior finish shall be:
 - Electrolytic two-step anodized coating, meets AAMA 611 Class 1 standard.₂
 - Color is [standard] [custom].₂

- or -

 - Fluoropolymer-modified acrylic topcoat over fluoropolymer primer, meets AAMA 2605 requirements.
 - Color is [standard] [custom].₂

Interior

- Aluminum Interior finish shall be:
 - Electrolytic two-step anodized coating [standard] [custom] meets AAMA 611 Class 1 standard.₂

- or -

 - Fluoropolymer-modified acrylic topcoat over fluoropolymer primer, meets AAMA 2605 requirements.
 - Color is [standard] [custom].₂

Hardware

- Multipoint Lock
- [Tubular Round Offset Pull [36"] [48" - 84" length] with [Brushed Stainless] [Matte Black] [Rustic Bronze] finish]] [[Boulder Hammered Offset Pull] [Teton Offset Pull] with [Satin Nickel] [Matte Black] [Rustic Bronze] finish]] [No Pull hardware]
- [Round Escutcheon] [Square Escutcheon].
- Pivot hardware [10" location] [10" to midpoint location].

Optional Products

Grilles

- Simulated Divided Lite grilles
 - Interior grilles are [7/8" (29 mm)] square profile that are extruded aluminum factory finished to match sash color.₂
 - Exterior grilles are [7/8" (29 mm) [square] [beveled] profile] that are extruded aluminum factory finished to match sash color.₂
 - Patterns are [Traditional] [Prairie] [Top Row].
 - Grilles are adhered to both sides of the insulating glass with double-coated acrylic foam tape.
- Grilles-Between-the-Glass
 - Insulating glass contains [5/8" flat] [11/16" contoured] aluminum grilles permanently installed between two panes of glass.
 - Grille patterns are [Traditional] [Prairie] [Top Row].
 - Grilles are factory pre-finished paint.₂

(1) Low-E coated insulating glass is argon-filled (except high altitude). All other insulating glass (including high altitude Low-E) is air-filled.

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

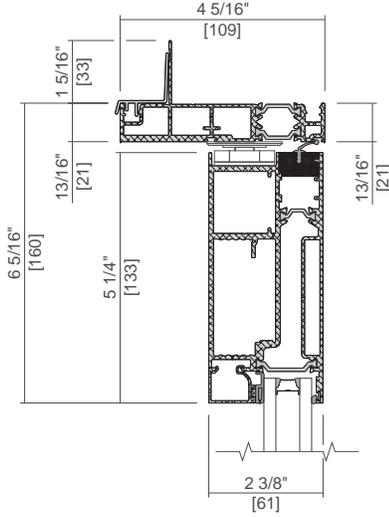


Vista Series Premium Aluminum Pivot Doors

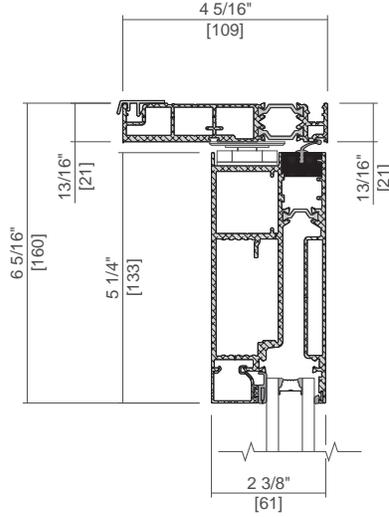
Unit Sections - Frame Types Overview

NARROW STILE

Standard Nailing Fin

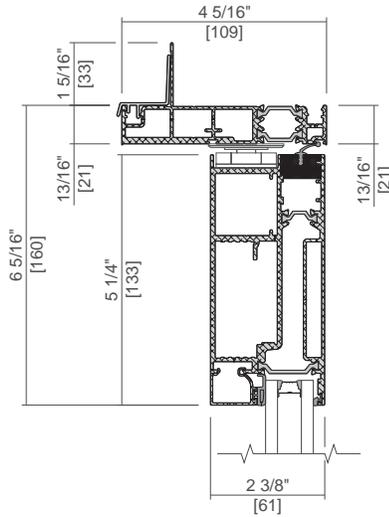


Standard Block Frame

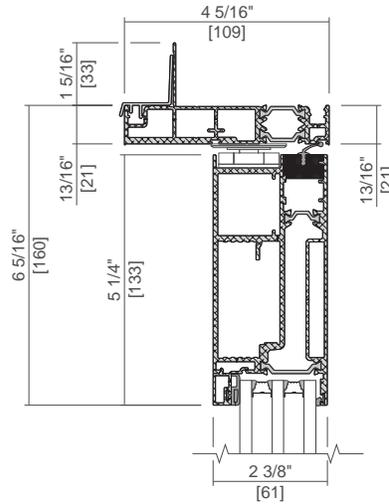


GLAZING OPTIONS

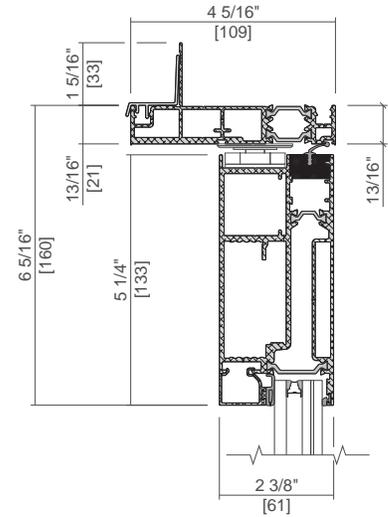
1" Dual IG



1-5/8" Triple IG



1" Laminate IG



Scale 3" = 1' 0"

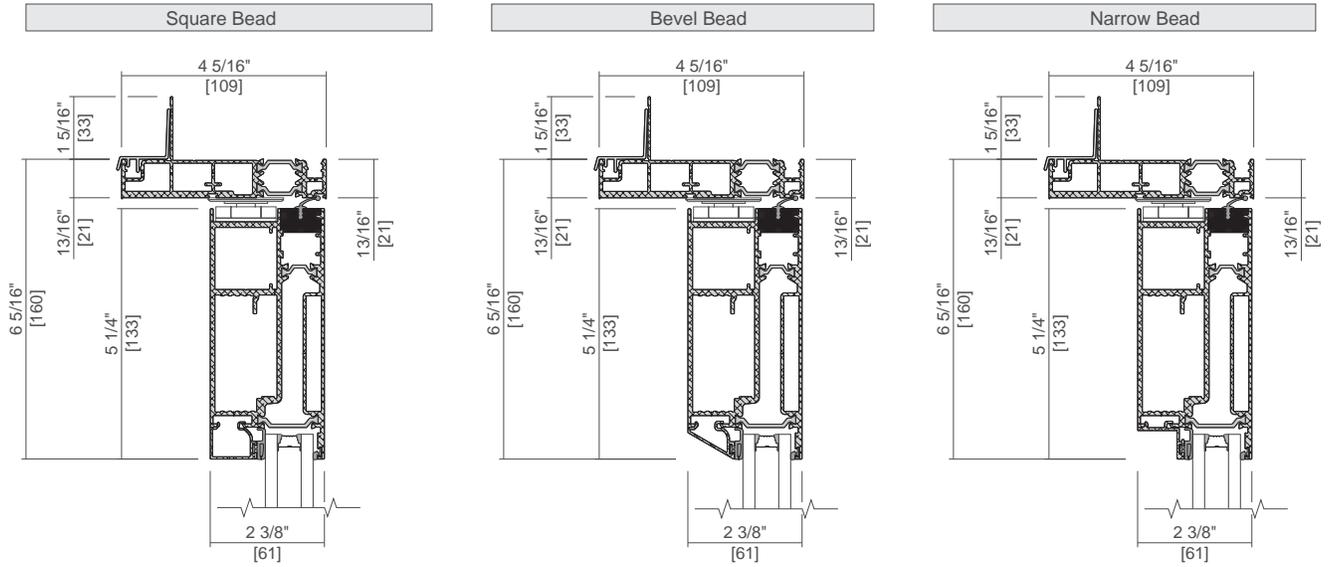
All dimensions are approximate.



Vista Series Premium Aluminum Pivot Doors

Unit Sections - Frame Types Overview, Glazing Beads

GLAZING BEAD OPTIONS



Scale 3" = 1' 0"

All dimensions are approximate.

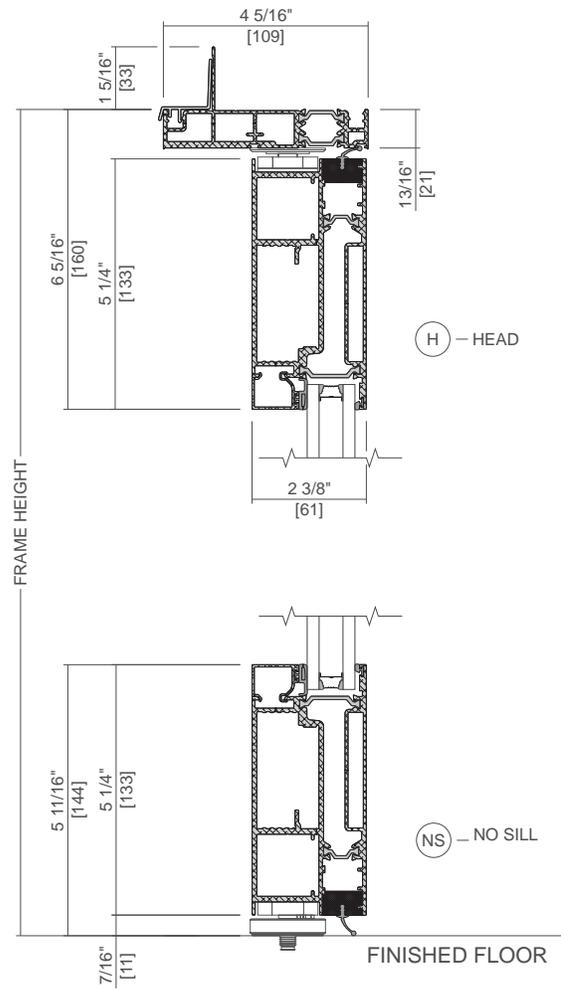
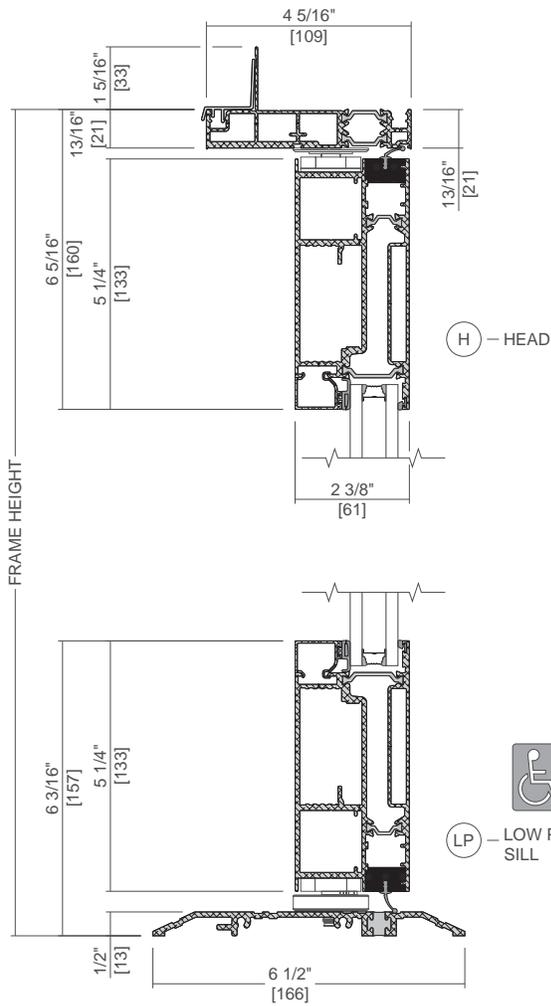
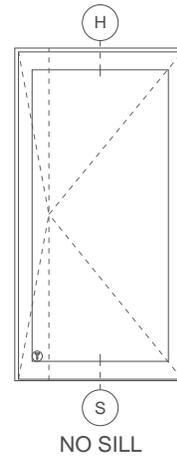
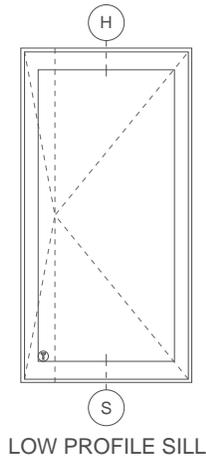


Vista Series Premium Aluminum Pivot Doors

Unit Sections

STANDARD NAILING FIN

1" DUAL IG SQUARE BEAD



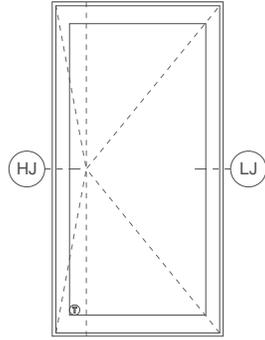
Scale 3" = 1' 0"

All dimensions are approximate.



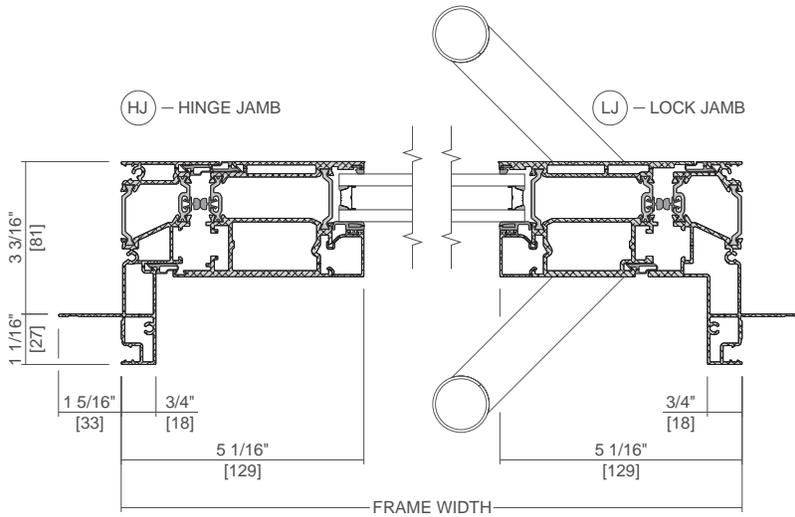
Vista Series Premium Aluminum Pivot Doors

Unit Sections

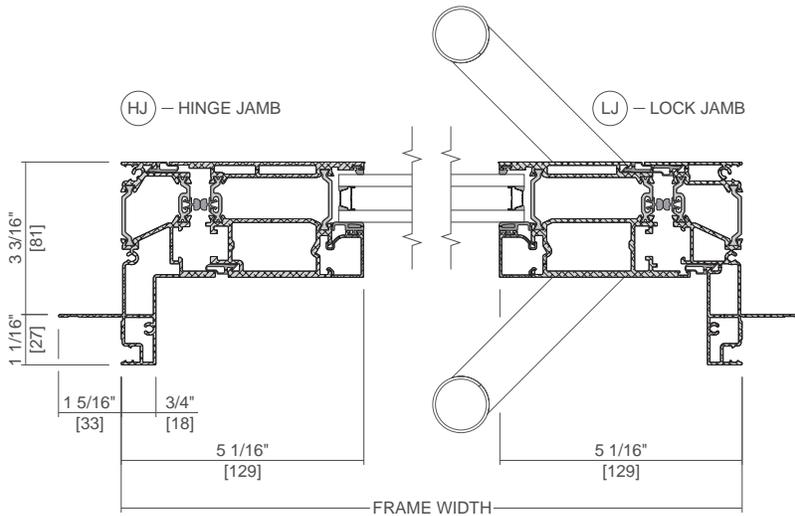


INSWING / OUTSWING

STANDARD NAILING FIN
1" DUAL IG
SQUARE BEAD



INSWING



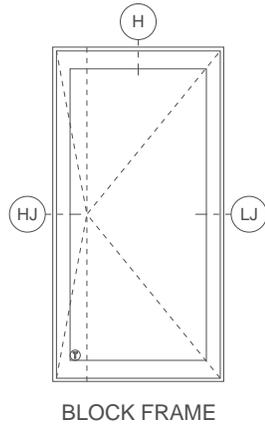
OUTSWING

Scale 3" = 1' 0"
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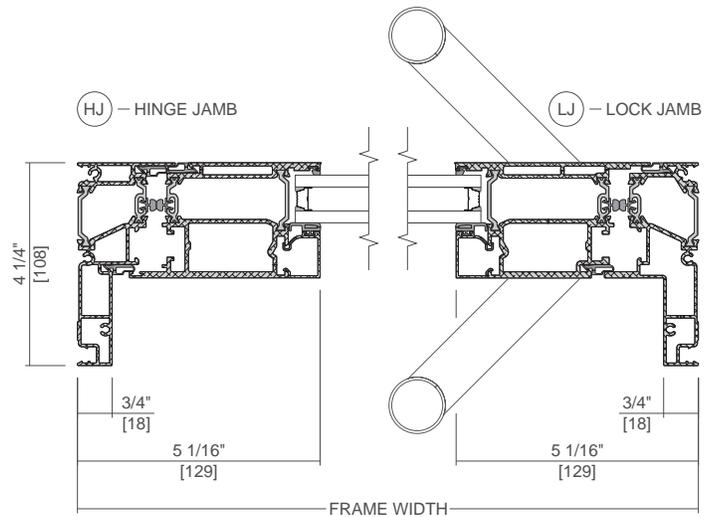
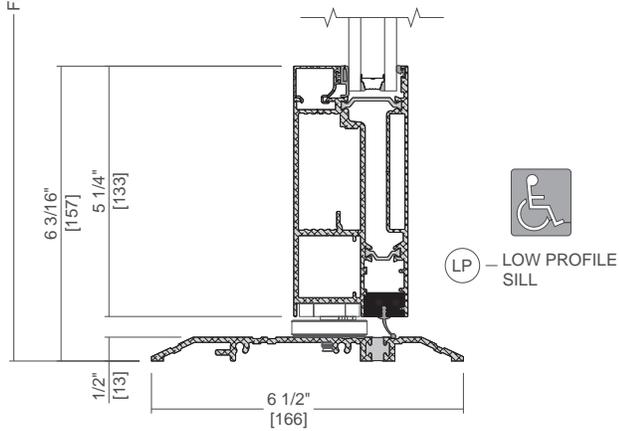
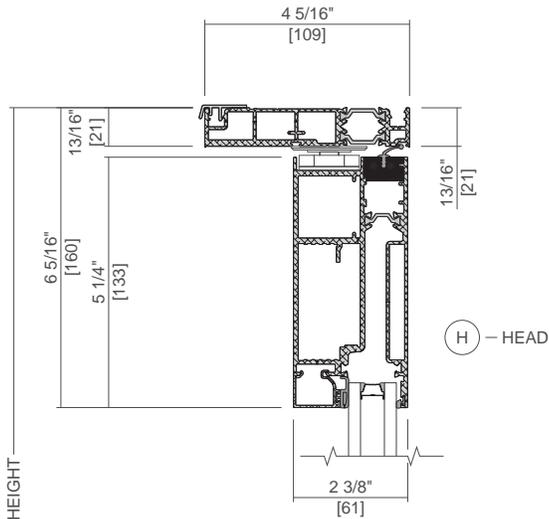


Vista Series Premium Aluminum Pivot Doors

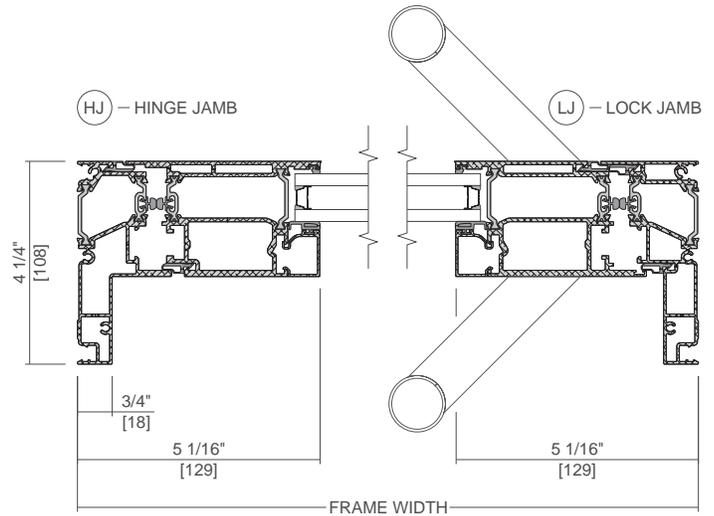
Unit Sections



STANDARD BLOCK FRAME
1" DUAL IG
SQUARE BEAD



INSWING



OUTSWING

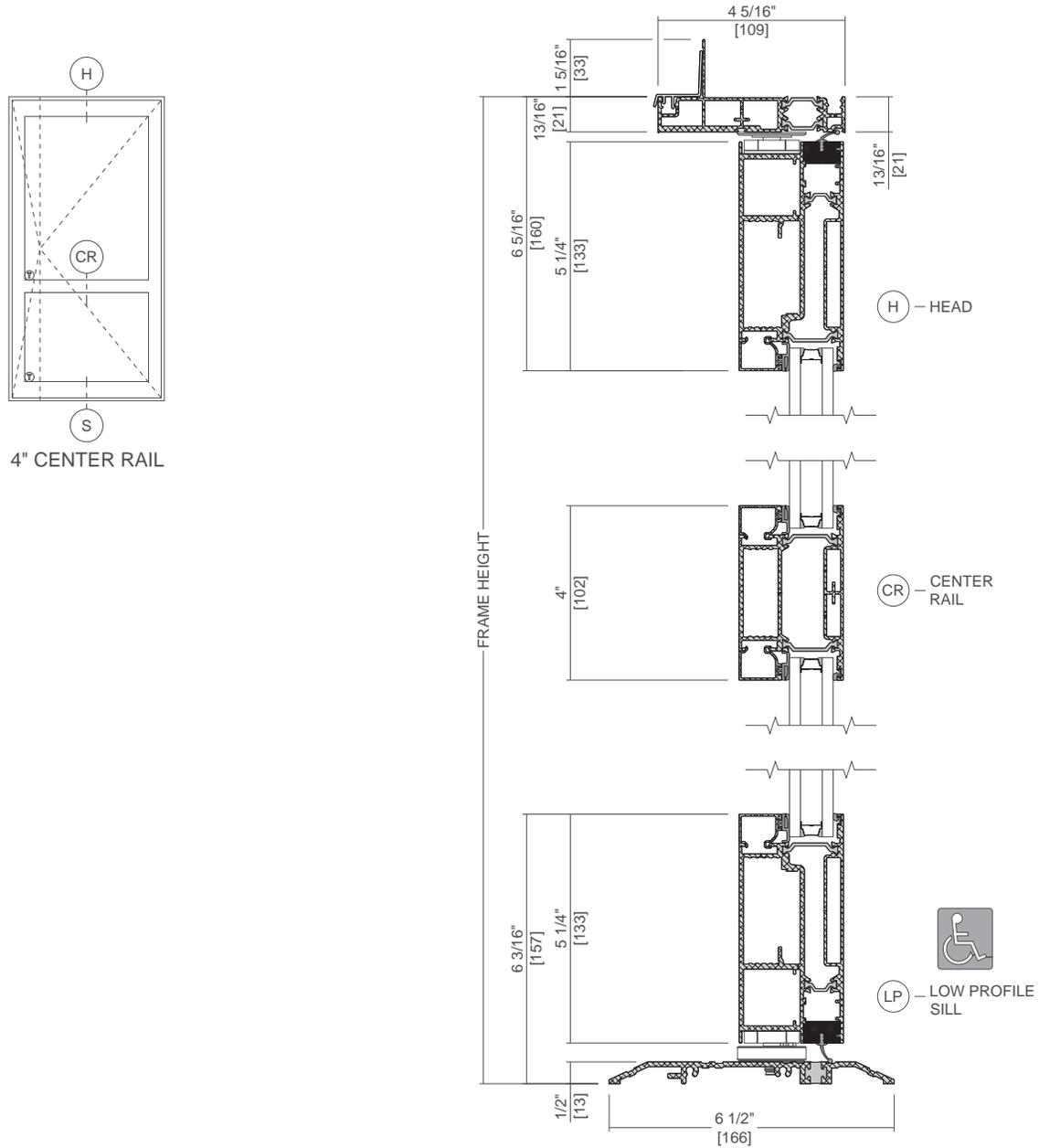
Scale 3" = 1' 0"

All dimensions are approximate.



Vista Series Premium Aluminum Pivot Doors

Unit Sections



Scale 3" = 1' 0"

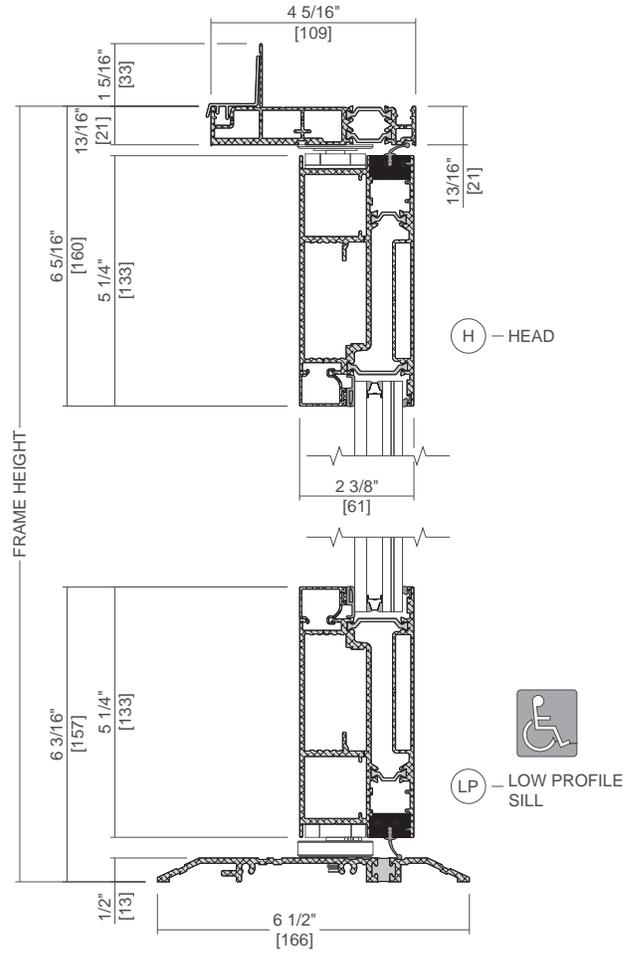
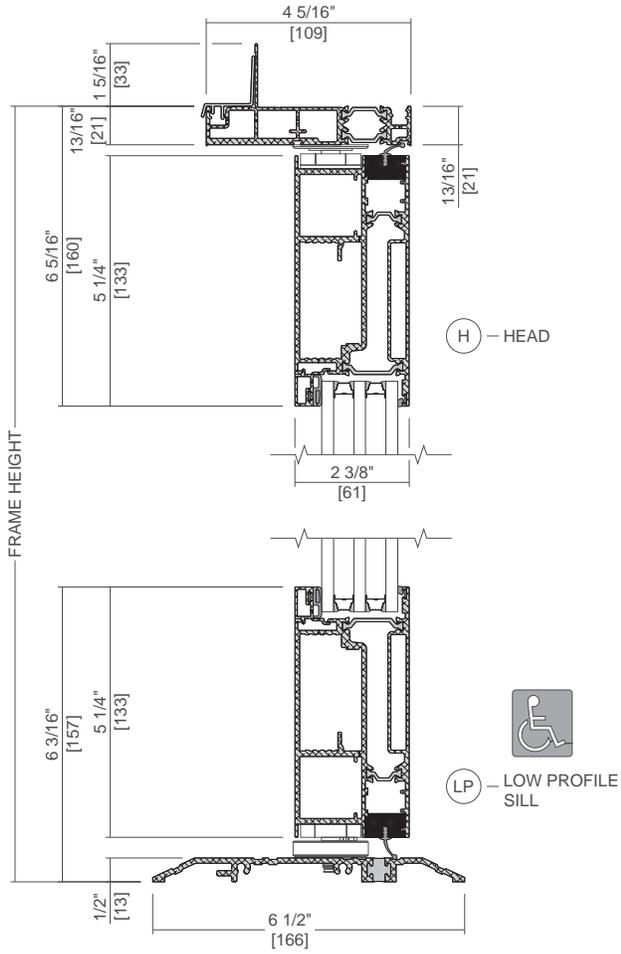
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Vista Series Premium Aluminum Pivot Doors

Unit Sections

GLAZING



Scale 3" = 1' 0"

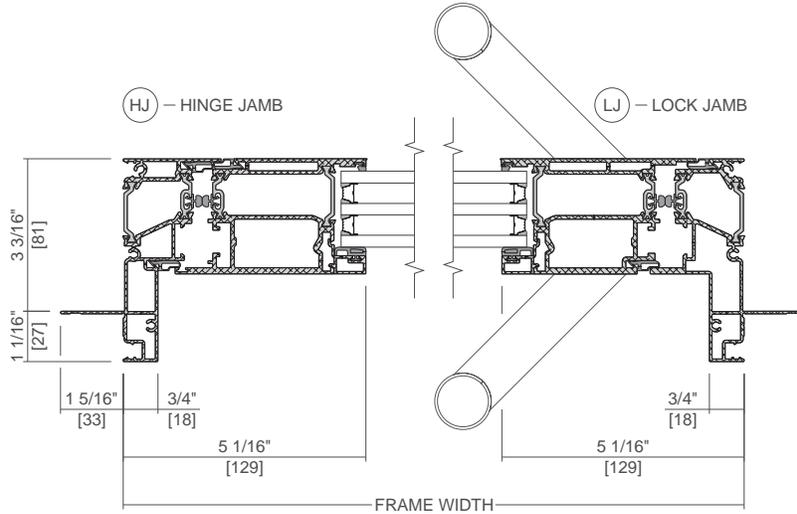
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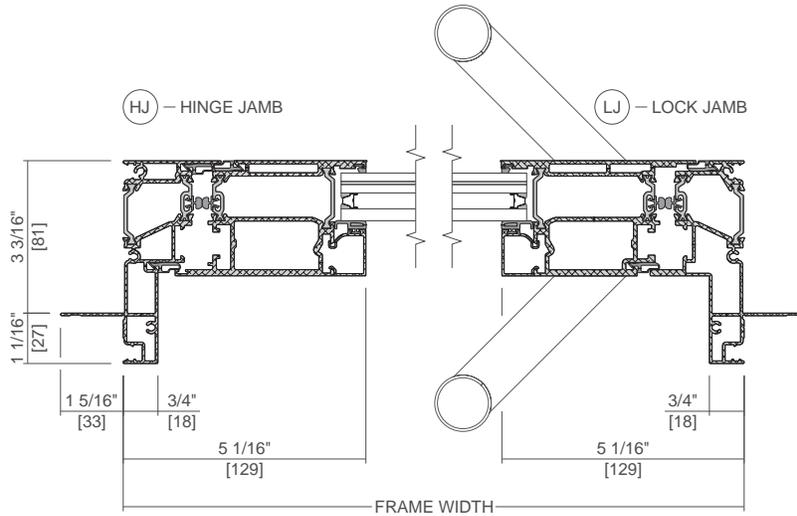
Vista Series Premium Aluminum Pivot Doors

Unit Sections

GLAZING



1-5/8" TRIPLE IG



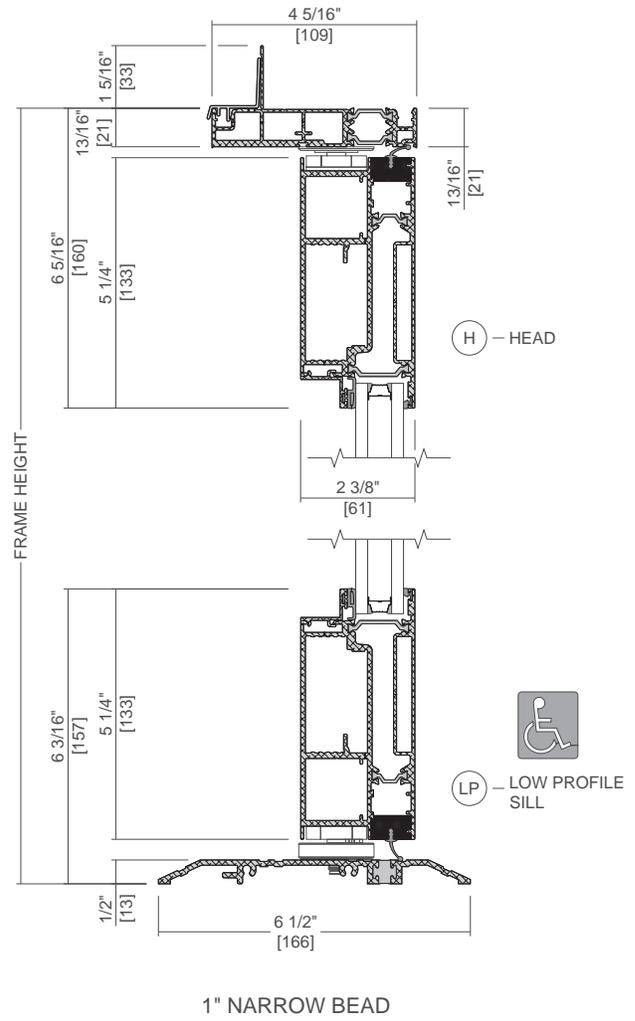
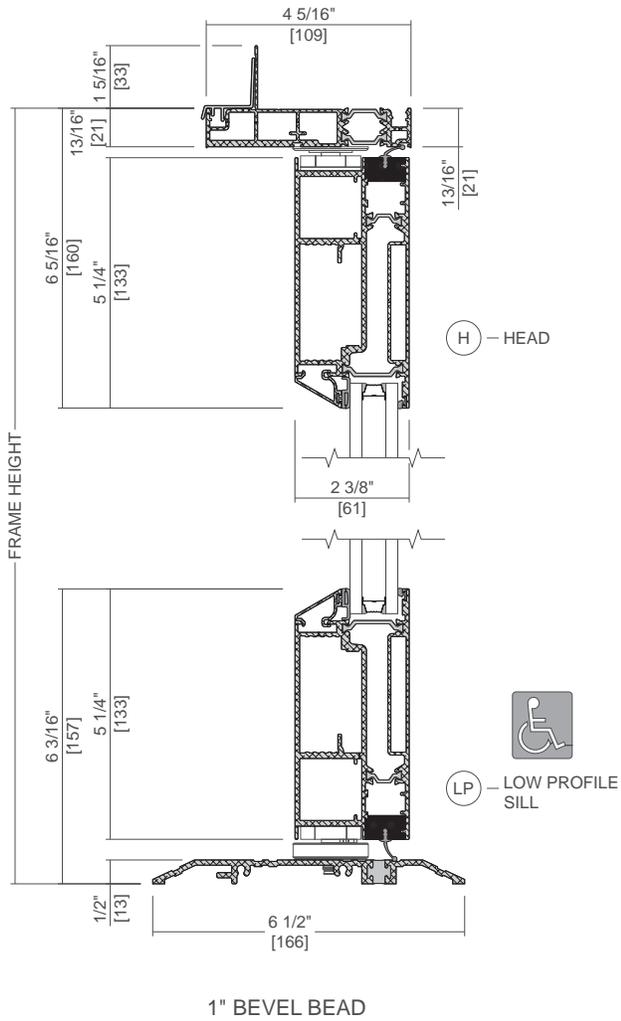
1" LAMINATE IG

Scale 3" = 1' 0"

All dimensions are approximate.



GLAZING BEAD PROFILE



Scale 3" = 1' 0"

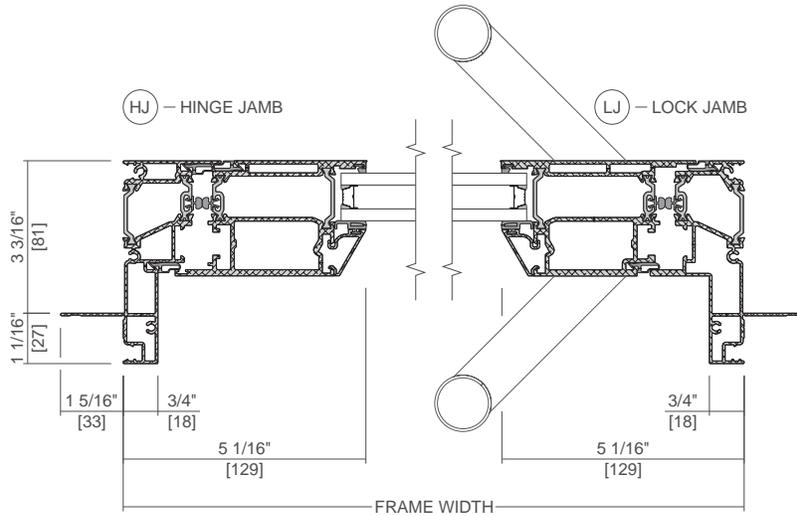
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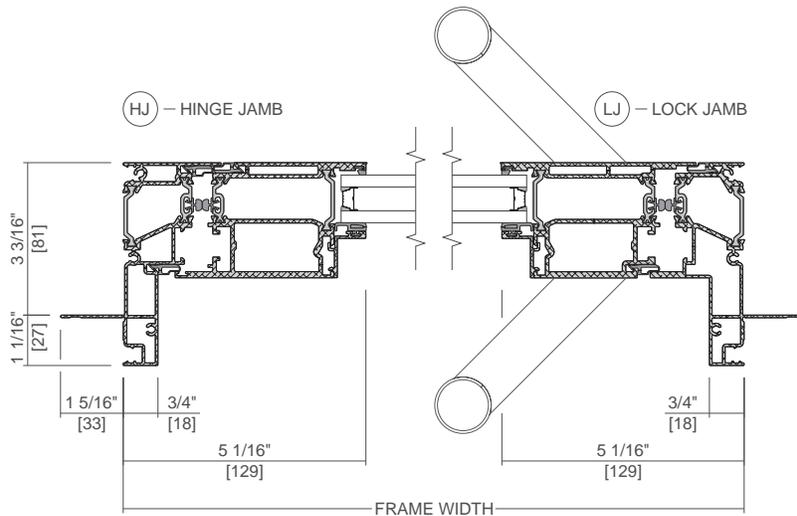
Vista Series Premium Aluminum Pivot Doors

Unit Sections

GLAZING BEAD PROFILE



1" BEVEL BEAD



1" NARROW BEAD

Scale 3" = 1' 0"

All dimensions are approximate.