Section Directory

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Features and Options

Features and Options

Glazing
Glazing Type
Dual-Pane Insulating Glass
Insulated Glass Options/Low-E Types
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Low-E 366/i89
Low-E 270
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Tempered Glass
Gas Fill
Argon
Frame and Panels
Thermally Broken Aluminum
Finishes [1]
Satin Anodized, Black Anodized
Hardware
Finishes [1]
Satin Nickel, Black

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

Glazing Performance - Total Unit

Glazing Thickness	Type of Glazing	NFRC Certified Product #	Glass (mm)		Gap Fill	Performance Values[1]			
			Ext.	Int.		U-Factor	SHGC	VLT %	CR
Dual-Pane Glazing - Standard Sill (Anodized)									
1"	Low-E 366	BNE-A-15-00075-00001	5	5	Argon	0.32	0.22	0.51	52
		BNE-A-15-00075-00004	6	6	Argon	0.32	0.22	0.50	52
		BNE-A-15-00098-00001	5	8.7L	Argon	0.31	0.22	0.50	52
1"	Low-E 366 / i89	BNE-A-15-00085-00001	5	5	Argon	0.28	0.22	0.49	47
		BNE-A-15-00085-00002	6	6	Argon	0.28	0.22	0.49	47
1"	Low-E 270	BNE-A-15-00071-00001	5	5	Argon	0.32	0.29	0.55	52
		BNE-A-15-00071-00004	6	6	Argon	0.32	0.29	0.54	52
Dual-Pane Glazing - Standard Sill (Painted)									
1"	Low-E 366	BNE-A-15-00108-00001	5	5	Argon	0.32	0.22	0.51	52
		BNE-A-15-00108-00004	6	6	Argon	0.32	0.22	0.50	52
		BNE-A-15-00131-00001	5	8.7L	Argon	0.32	0.22	0.50	53
1"	Low-E 366 / i89	BNE-A-15-00118-00001	5	5	Argon	0.28	0.22	0.49	47
		BNE-A-15-00118-00002	6	6	Argon	0.28	0.22	0.49	47
1"	Low-E 270	BNE-A-15-00104-00001	5	5	Argon	0.33	0.29	0.55	52
		BNE-A-15-00104-00004	6	6	Argon	0.33	0.29	0.54	52
Dual-Pane Glazing - Flush Sill (Anodized)									
1"	Low-E 366	BNE-A-15-00009-00001	5	5	Argon	0.32	0.22	0.51	52
		BNE-A-15-00009-00004	6	6	Argon	0.32	0.22	0.50	52
		BNE-A-15-00032-00001	5	8.7L	Argon	0.31	0.22	0.50	52
1"	Low-E 366 / i89	BNE-A-15-00019-00001	5	5	Argon	0.28	0.22	0.49	47
		BNE-A-15-00019-00002	6	6	Argon	0.28	0.22	0.49	47
1"	Low-E 270	BNE-A-15-00005-00001	5	5	Argon	0.32	0.29	0.55	52
		BNE-A-15-00005-00004	6	6	Argon	0.32	0.29	0.54	52
Dual-Pane Glazing - Flush Sill (Painted)									
1"	Low-E 366	BNE-A-15-00042-00001	5	5	Argon	0.33	0.22	0.51	52
		BNE-A-15-00042-00004	6	6	Argon	0.33	0.22	0.50	52
		BNE-A-15-00065-00001	5	8.7L	Argon	0.32	0.22	0.50	53
1"	Low-E 366 / i89	BNE-A-15-00052-00001	5	5	Argon	0.28	0.22	0.49	47
		BNE-A-15-00052-00002	6	6	Argon	0.28	0.22	0.49	47
1"	Low-E 270	BNE-A-15-00038-00001	5	5	Argon	0.33	0.29	0.55	52
		BNE-A-15-00038-00004	6	6	Argon	0.33	0.29	0.54	52

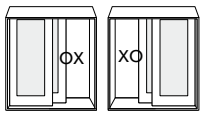
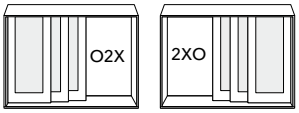
R-Value = 1/U-Factor
SHGC = Solar Heat Gain Coefficient
VLT % = Visible Light Transmission
CR = Condensation Resistance
ER = Canadian Energy Rating

Design Data - Stacking Panels

Hardware Handle	Dimension from bottom of panel to center of lock thumbturn	Frame Height	
		Minimum	Maximum
Contemporary Handle	43.191"	60"	120"
Flush Handle	40.647"		

Panel Size Chart

	Min Panel Size		Max Panel Size	
	Width	Height	Width	Height
Lead Panel	22.277"	57.98"	61.319"	117.98"
Intermediate Panel	21.731"		60.773"	

	STACKING PANEL CONFIGURATION	Venting	Frame & Track Depth	Min. Frame Width	Maximum Size (inches) Frame Width	Frame Height	Panel Width End / Intermediate	Panel Height	Performance Class and Grade Standard Sill	Flush Sill
2-Panel		One-way	4" 2 tracks	43.411	97.495	96	49.319 / 48.773	93.980	R-PG20	NR
					121.495	120	61.319 / 60.773	117.980	Pending*	NR
3-Panel		One-way	6" 3 tracks	62.874	144	96	49.319 / 48.773	93.980	R-PG20	NR
					180	120	61.319 / 60.773	117.980	Pending*	NR

X = Venting, O = Fixed. All dimensions are in inches.

*Non-rated, passed internal Air/Water/Structural testing

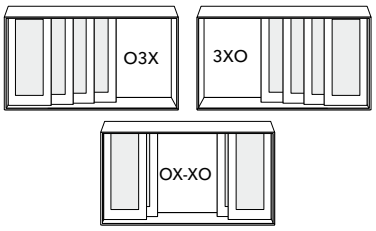
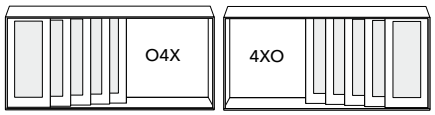
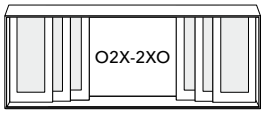
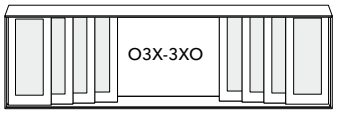
Those noted as NR are not AAMA/WDMA performance certified.

Custom sized units in 1/8" increments.

Doors are viewed from the exterior.

Contact your local sales representative for more information.

Design Data - Stacking Panels

	STACKING PANEL CONFIGURATION	Venting	Frame & Track Depth	Min. Frame Width	Maximum Size (inches) Frame Width	Frame Height	Panel Width End / Intermediate	Panel Height	Performance Class and Grade Standard Sill	Flush Sill
4-Panel		One-way	8" 4 tracks	82.337	238.505	120	61.319 / 60.773	117.980	NR	NR
		Bi-part	4" 2 tracks	85.688	241.856	120	61.319 / 60.773	117.980	Pending*	NR
5-Panel		One-way	10" 5 tracks	101.800	297.010	120	61.319 / 60.773	117.980	NR	NR
6-panel		Bi-part	6" 3 tracks	124.614	358.867	120	61.319 / 60.773	117.980	NR	NR
8-Panel		Bi-part	8" 4 tracks	163.540	475.877	120	61.319 / 60.773	117.980	NR	NR
10-Panel		Bi-part	10" 5 tracks	202.466	592.887	120	61.319 / 60.773	117.980	NR	NR

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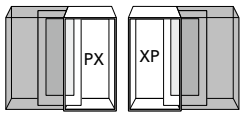
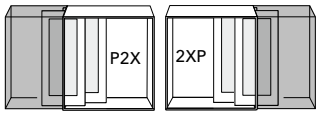
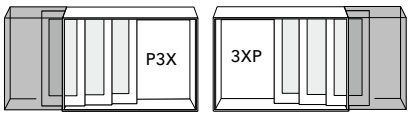
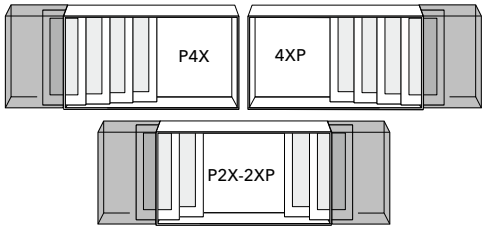
Design Data - Pocketing Panels

	POCKETING PANEL CONFIGURATION	Venting	Frame & Track Depth	Min. Frame Width	Maximum size (inches) Frame Width	Frame Height	Panel Width End / Intermediate	Panel Height	Performance Class and Grade Standard Sill	Flush Sill
1-Panel		One-way	2" 1 track	43.918	122.002	120	61.319 / 60.773	117.980	NR	NR
2-Panel		One-way	4" 2 tracks	27.381	144.507	96	49.319 / 48.773	93.980	Pending*	NR
					180.508	120	61.319 / 60.773	117.980	NR	NR
		Bi-part	2" 1 track	86.506	242.674	120	61.319 / 60.773	117.980	NR	NR
3-Panel		One-way	6" 3 tracks	82.844	239.013	120	61.319 / 60.773	117.980	NR	NR
4-Panel		One-way	8" 4 tracks	102.307	297.518	120	61.319 / 60.773	117.980	NR	NR
		Bi-part	4" 2 tracks	125.432	359.684	120	61.319 / 60.773	117.980	NR	NR

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Custom sized units in 1/8" increments.

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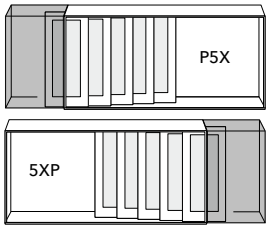
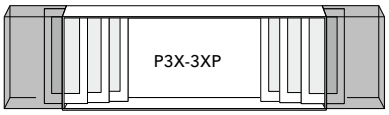
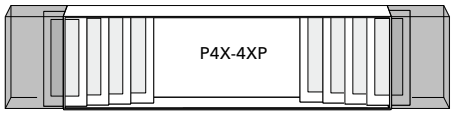
Design Data - Pocketing Panels

	POCKETING PANEL CONFIGURATION	Venting	Frame & Track Depth	Min. Frame Width	Maximum size (inches) Frame Width	Frame Height	Panel Width End / Intermediate	Panel Height	Performance Class and Grade Standard Sill	Flush Sill
5-Panel		One-way	10" 5 tracks	121.770	356.023	120	61.319 / 60.773	117.980	NR	NR
6-Panel		Bi-part	6" 3 tracks	164.355	476.692	120	61.319 / 60.773	117.980	NR	NR
8-Panel		Bi-part	8" 4 tracks	203.284	593.705	120.000	61.319 / 60.773	117.980	NR	NR
10-Panel		Bi-part	10" 5 tracks	242.210	710.715	120	61.319 / 60.773	117.980	NR	NR

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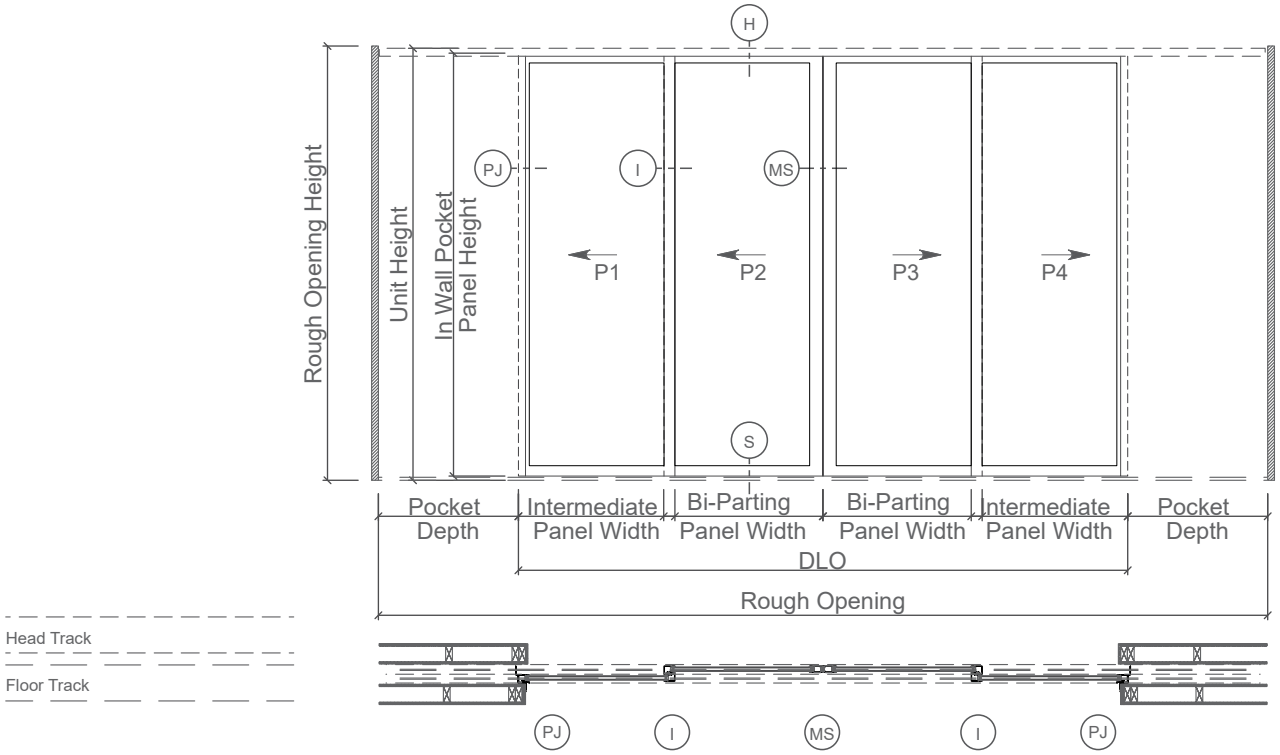
Sizes and Configurations - Panels



	Stacking: One Way (minimum 2 Panels)	Stacking: Bi-Parting	1 Pocket: One Way	2 Pocket: Bi-Parting
Frame Width	Starting Reference		Starting Reference	
Rough Opening Width	FW+0.5		FW+0.5	
Actual Glass Width	(FW - 2.8818 - 3.0660 - (TP-1) x 1.4631) ÷ TP	(FW -2.8818 x 2 - 4.8011 - (TP - 2) x 1.4631) ÷ TP	(FW - 3.0660 - (TP - 1) * 1.4631 - 2.0318 - 2.8203) ÷ (TP + 1)	(FW - (TP - 2) x 1.4631 - 2.0318 x 2 - 2.8203 x 2 - 4.8011) ÷ (TP + 2)
Panel Width	Fixed / Vent: AGW + 2.4118 + 1.8653 Intermediate: AGW + 1.8653 x 2	Fixed / Vent / Active Bi-Part: AGW + 2.4118 + 1.8653 Intermediate: AGW + 1.8653 x 2 Inactive Bi-Part: AGW + 2.5569 + 1.8653	Vent: AGW + 2.4118 + 1.8653 Intermediate: AGW + 1.8653 x 2	Vent / Active Bi-Part: AGW + 2.4118 + 1.8653 Intermediate: AGW + 1.8653 x 2 Inactive Bi-Part: AGW + 2.5569 + 1.8653
Frame Pocket Depth	n/a		AGW + 1.5910 + 2.8203	AGW + 1.5910 + 2.8203
Rough Opening Pocket Depth	n/a		FPD + 0.250	
DLO Width	FW + 0.5		ROW - RO Pocket Depth	ROW - RO Pocket Depth x 2
Frame Height	Starting Reference		Starting Reference	
Rough Opening Height / DLO Height	FH + 0.5		FH + 0.5	
Panel Height	FH - 2.020		FH - 2.020	
Finished Pocket Width	n/a		OTD + 0.375	
Overall Track Depth (minimum wall depth)	# Tracks x 2		# Tracks x 2	

Key		
FW= Frame Width	ROW= Rough Opening Width	FPD = Frame Pocket Depth
FH= Frame Height	DLO=Daylight Opening Width	AGW=Actual Glass Width
PW= Panel Width	OTD = Overall Track Depth	AGH=Actual Glass Height
PH=Panel Height	TP= Total # of panels	

Detailed Product Description

Frame

- Extruded aluminum head and jambs.
- Extruded aluminum sill tracks and extruded thermal breaks. Stainless steel track caps on which the rollers glide.
- Frame Finish is [Satin Anodized] [Black Anodized].
- Frame Depth varies from 2" to 10" depending on configuration. See Overall Track Depth for dimension.
- 3/4" Flush Sill.

– or –

- 1-1/2" Performance Sill.

Door Panels

- Extruded aluminum with thermal breaks.
- Corners are secured with metal fasteners.
- Panels have premium adjustable quad rollers.

Weatherstripping

- Extruded pile with quiet fin at head on interior and exterior of each track.
- Extruded pile with quiet fin at jambs on interior and exterior of each track with an end panel.
- Extruded pile with quiet fin at bottom of panels on interior and exterior.
- Extruded pile with quiet fin at panel interlocks.

Glazing System [1]

- Quality fully-tempered float glass complying with ASTM C 1048.
- Silicone-glazed dual-pane 1" dual-seal insulating glass or non-impact laminated glass, [clear] [Low-E 366] [Low-E 366/i89] [Low-E 270]

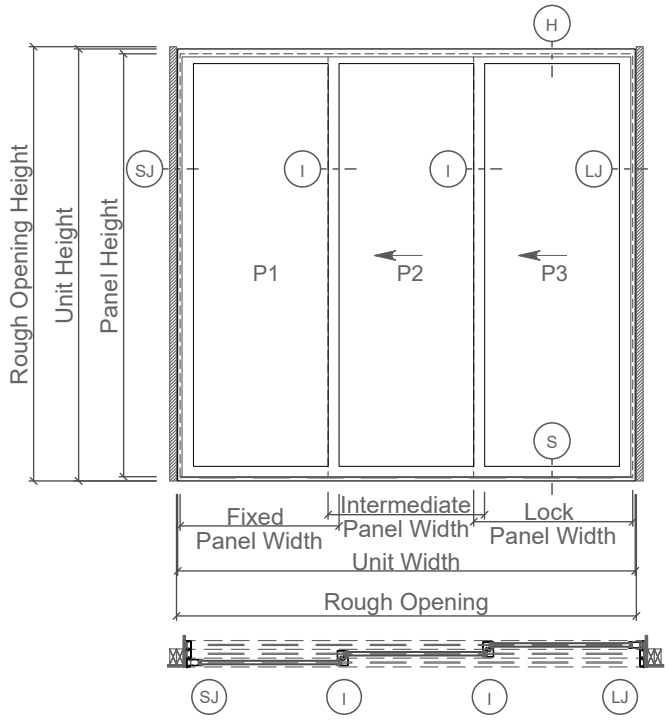
Hardware

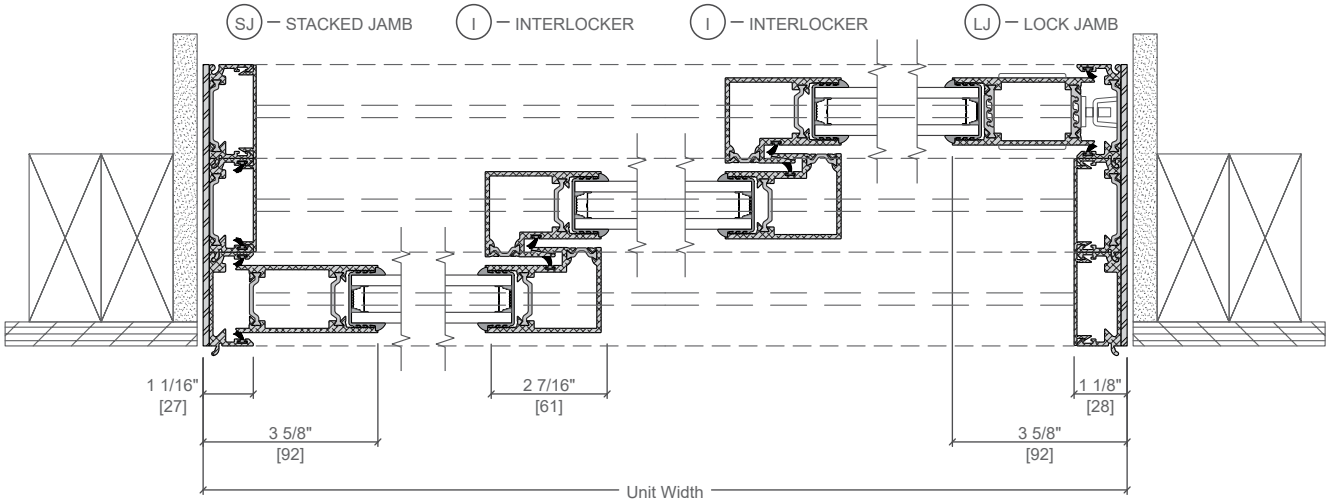
- Standard flush handle. Hardware finish is [Satin Nickel] [Matte Black].
- Optional Contemporary Pull [Satin Nickel] [Matte Black].
- Two-point stainless steel lock and strike hardware located on lead vent panel and bi-part panel.
- Biparting doors have an active handle set and inactive handle set in middle panels.
- Hardware handle location from bottom of the panel to center of lock thumb turn is [46.647" [Flush Handle]] [43.191" [Contemporary Handle]].

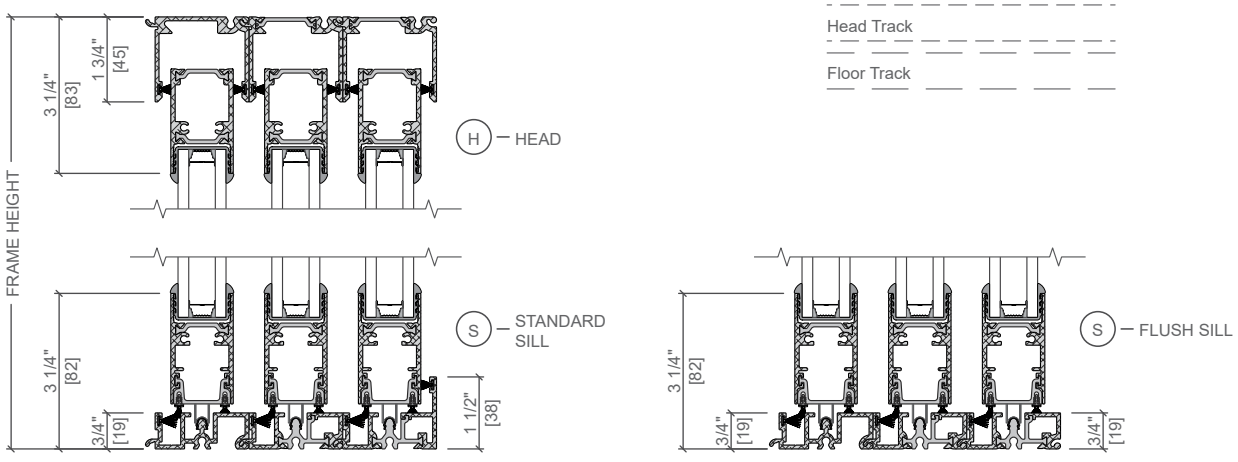
(1) Insulating glass with argon is Low-E coated. All other insulating glass is air-filled.

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

Unit Sections - Stacking, One-way



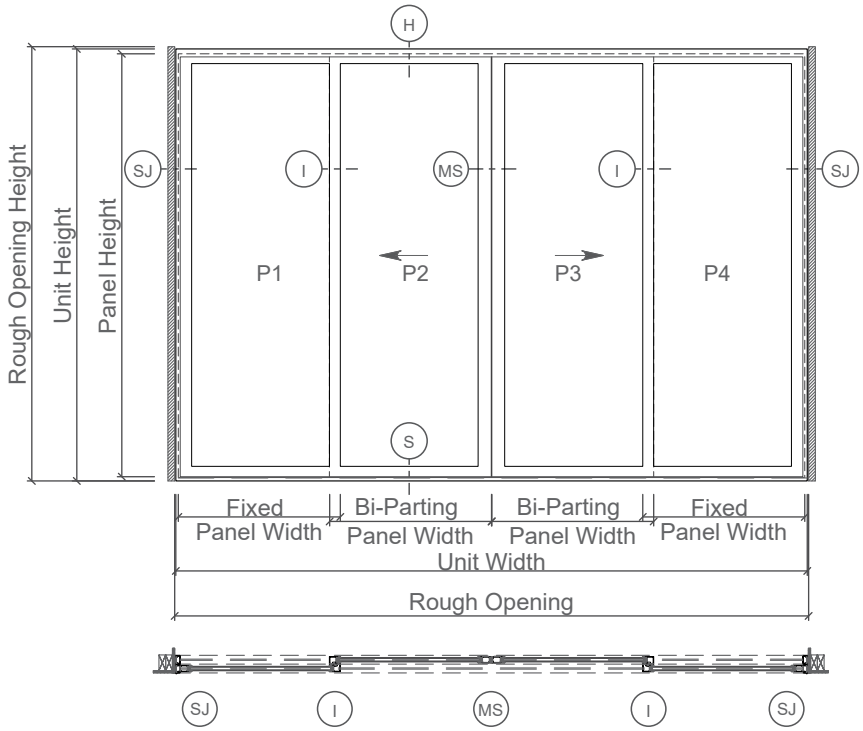


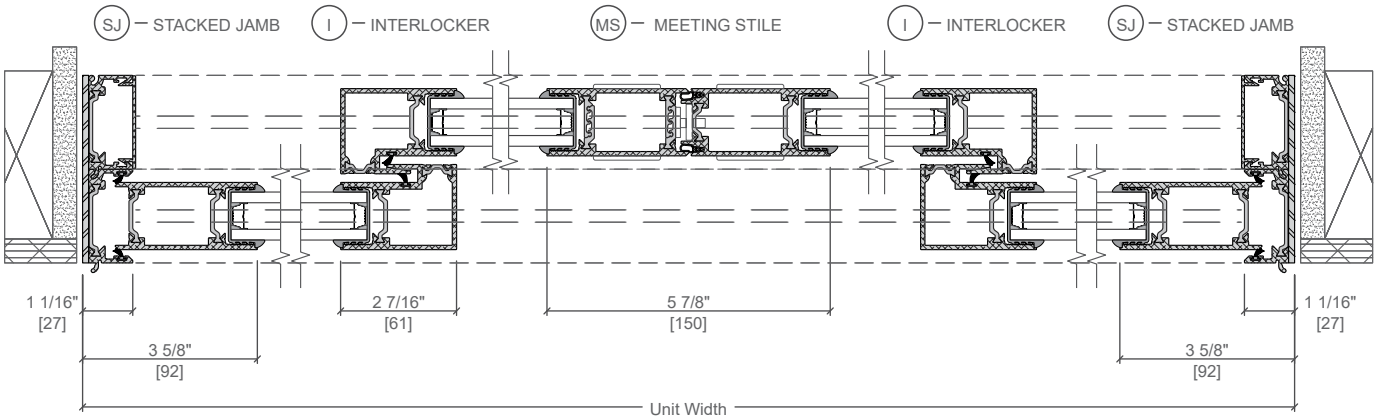


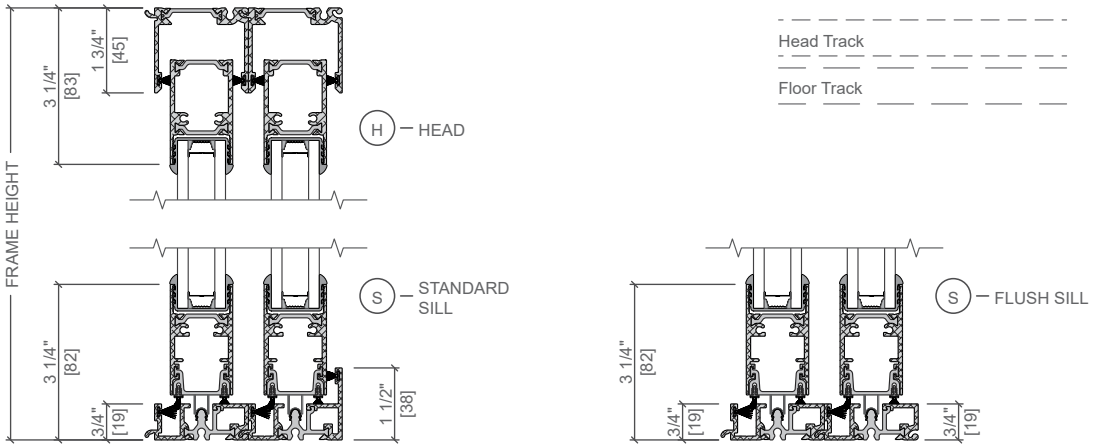
Scale 3" = 1' 0"

All dimensions are approximate.

Unit Sections - Stacking, Bi-part



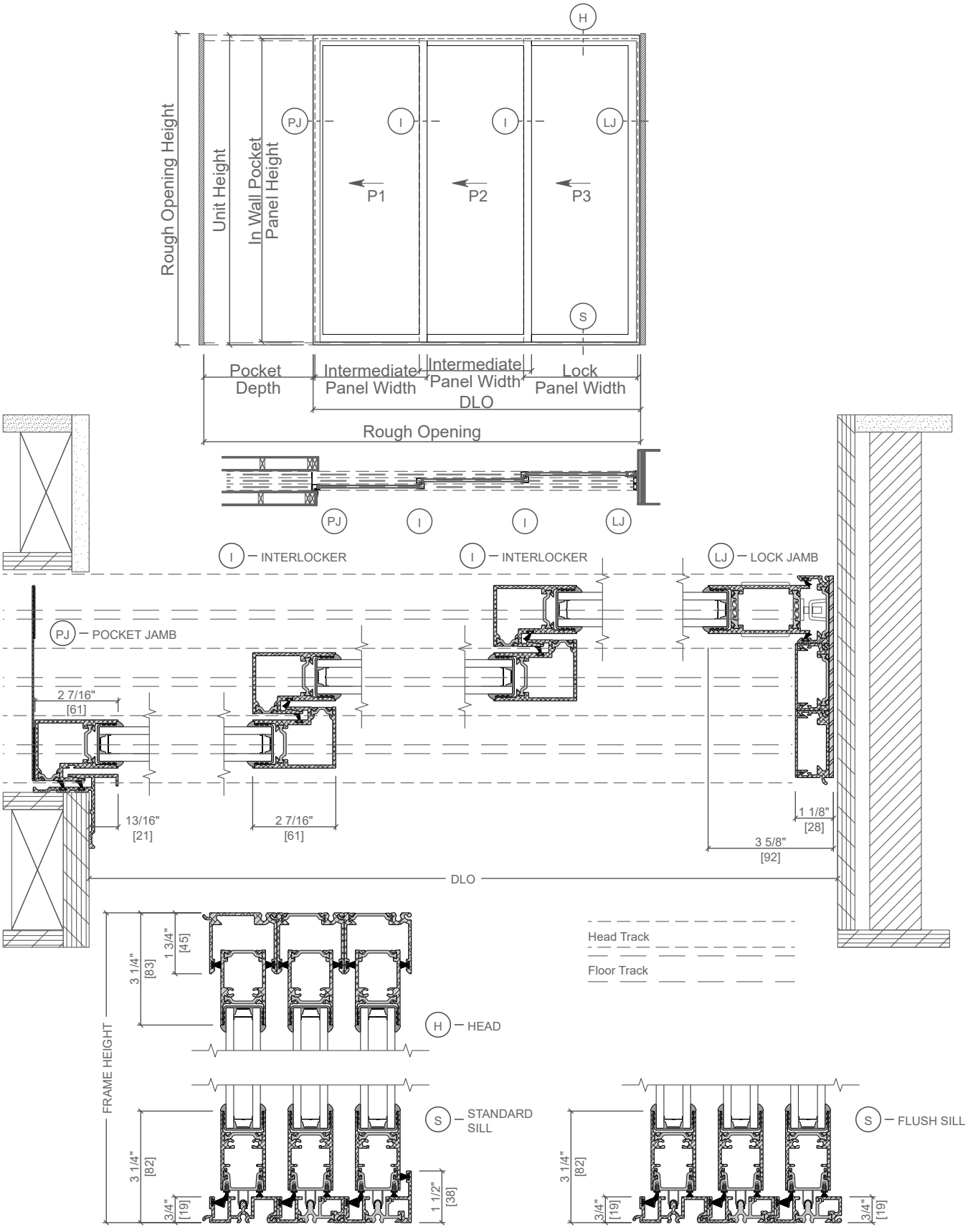




Scale 3" = 1' 0"

All dimensions are approximate.

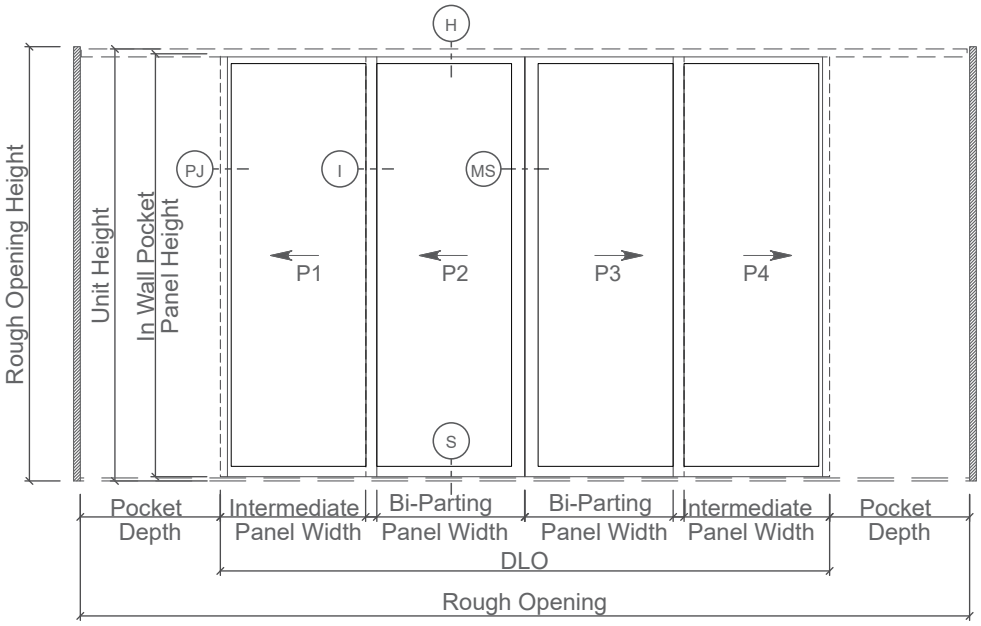
Unit Sections - Pocketing, One-way

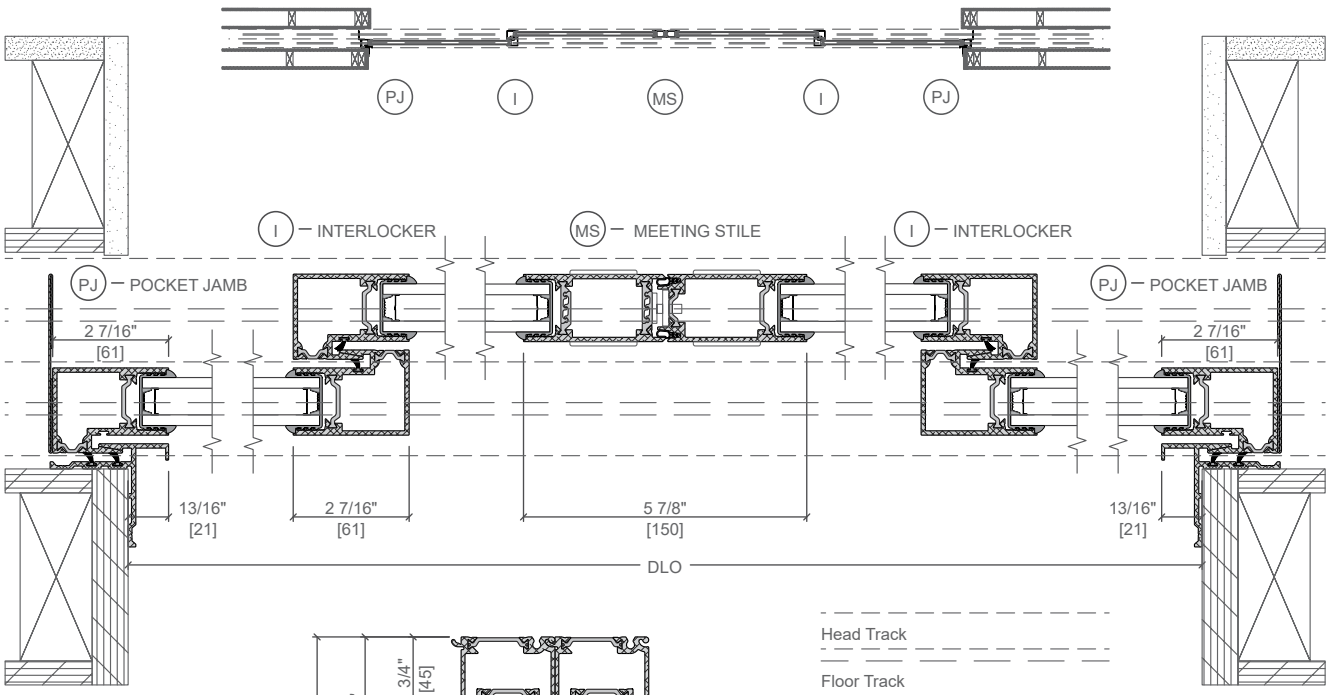


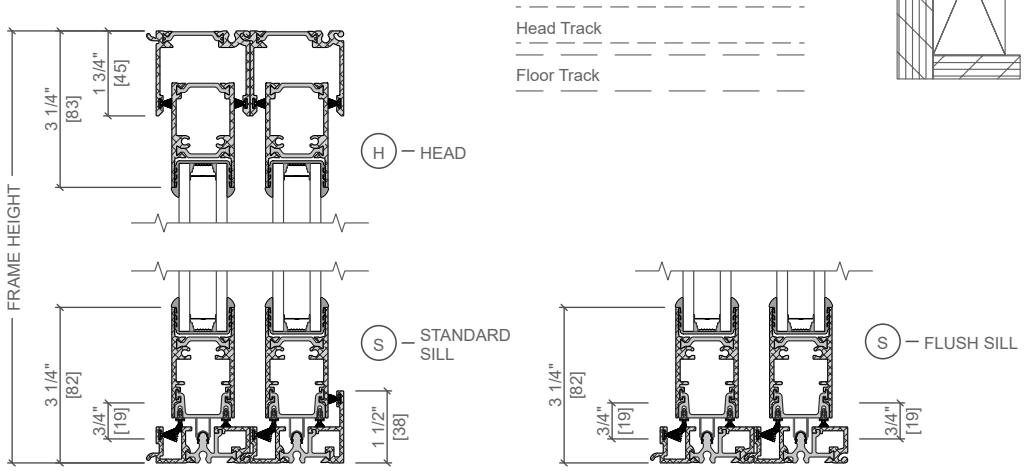
Scale 3" = 1' 0"

All dimensions are approximate.

Unit Sections - Pocketing, Bi-part







Scale 3" = 1' 0"

All dimensions are approximate.