

JELD-WEN®

**PREMIUM™ VINYL
HORIZONTAL SLIDER**

Architectural Design Manual
February 2025



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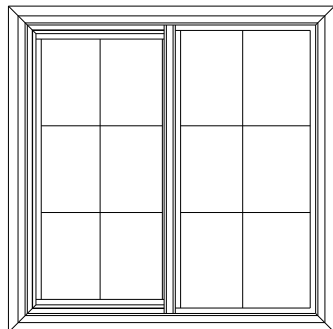
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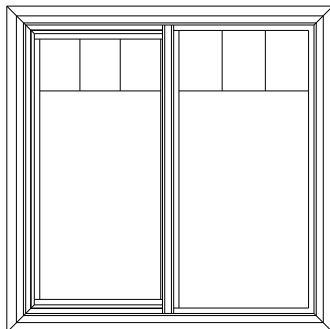
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GRID PATTERNS & GRID OPTIONS

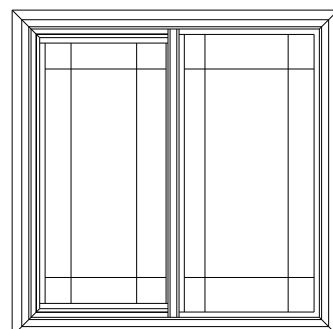
Grid Patterns



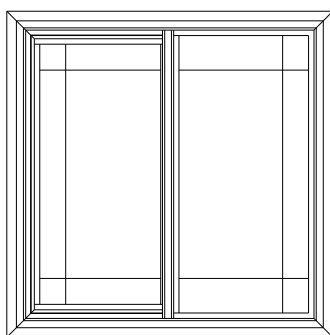
Colonial



Colonial From Top Down



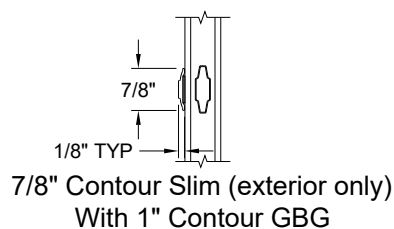
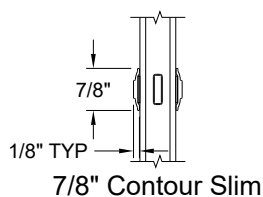
Prairie Glass



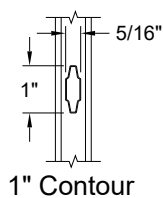
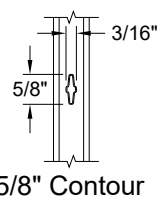
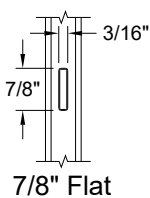
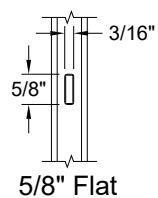
Prairie Frame

Exterior ← Grid Options → Interior

SDL Options



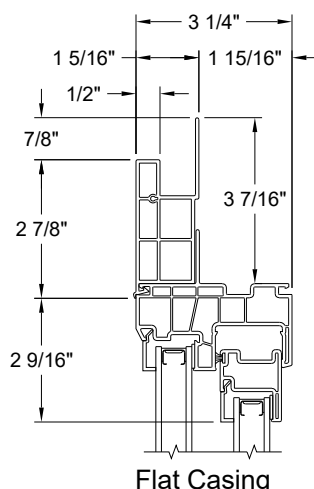
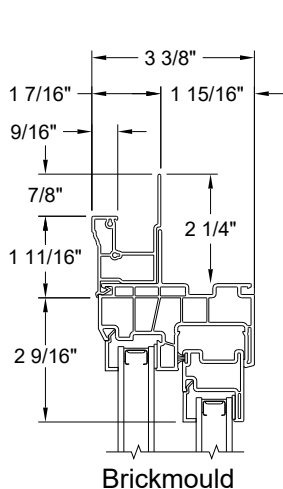
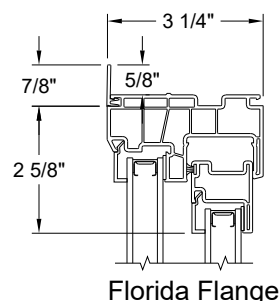
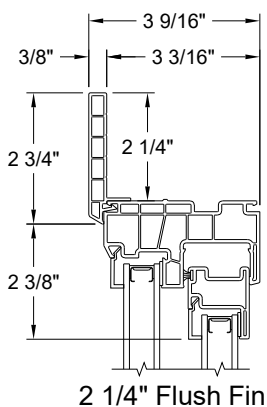
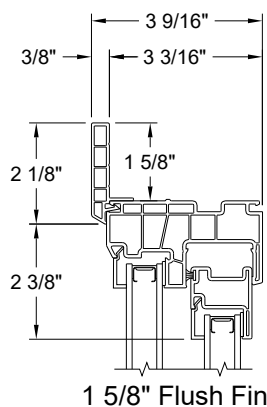
GBG Options



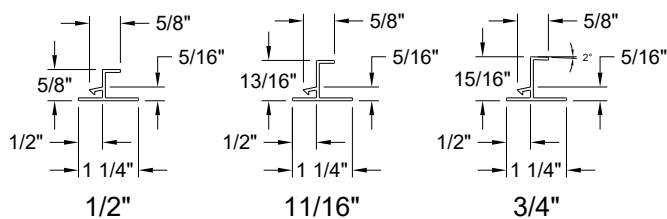
Grid patterns and options may vary by region. Contact JELD-WEN Customer Service for more information.

TRIM OPTIONS, DRYWALL RETURNS, MULLION & SILL OPTIONS

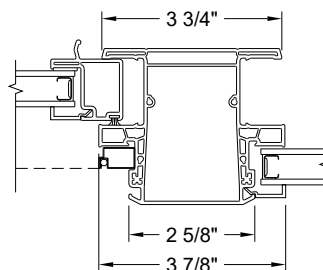
Trim Options



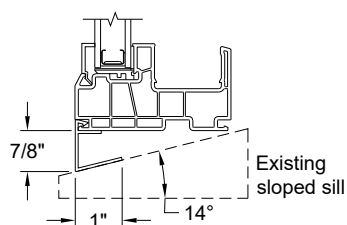
Drywall Returns



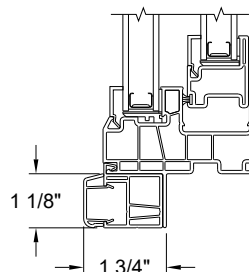
CHS Mullion



14° Sill Adapter

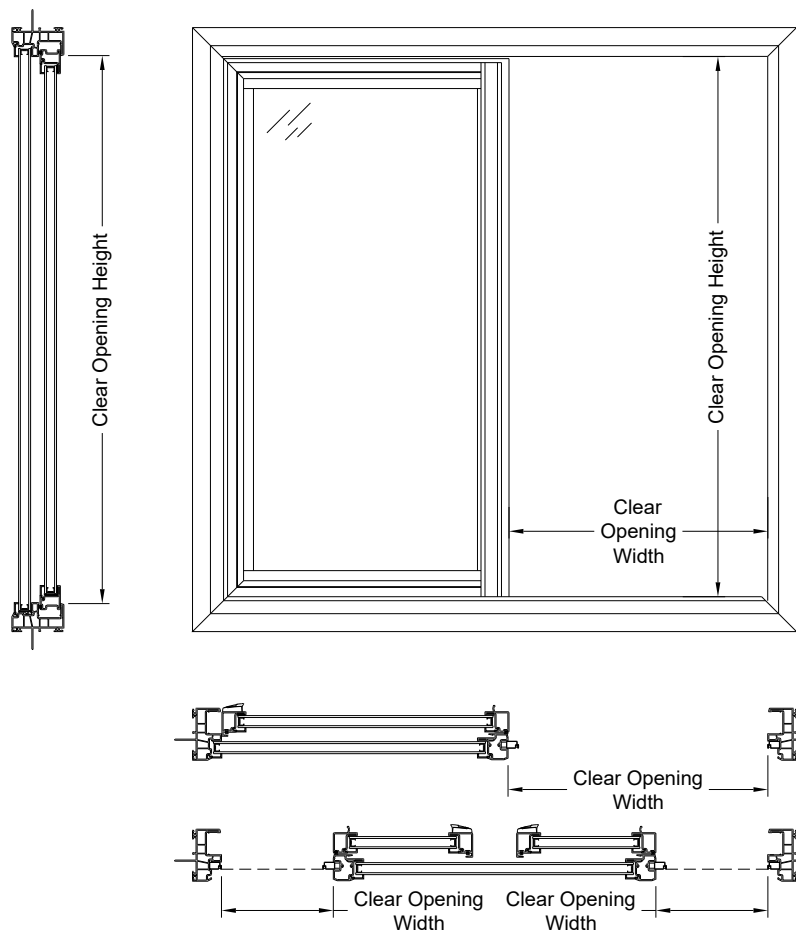


Sill Nose Option



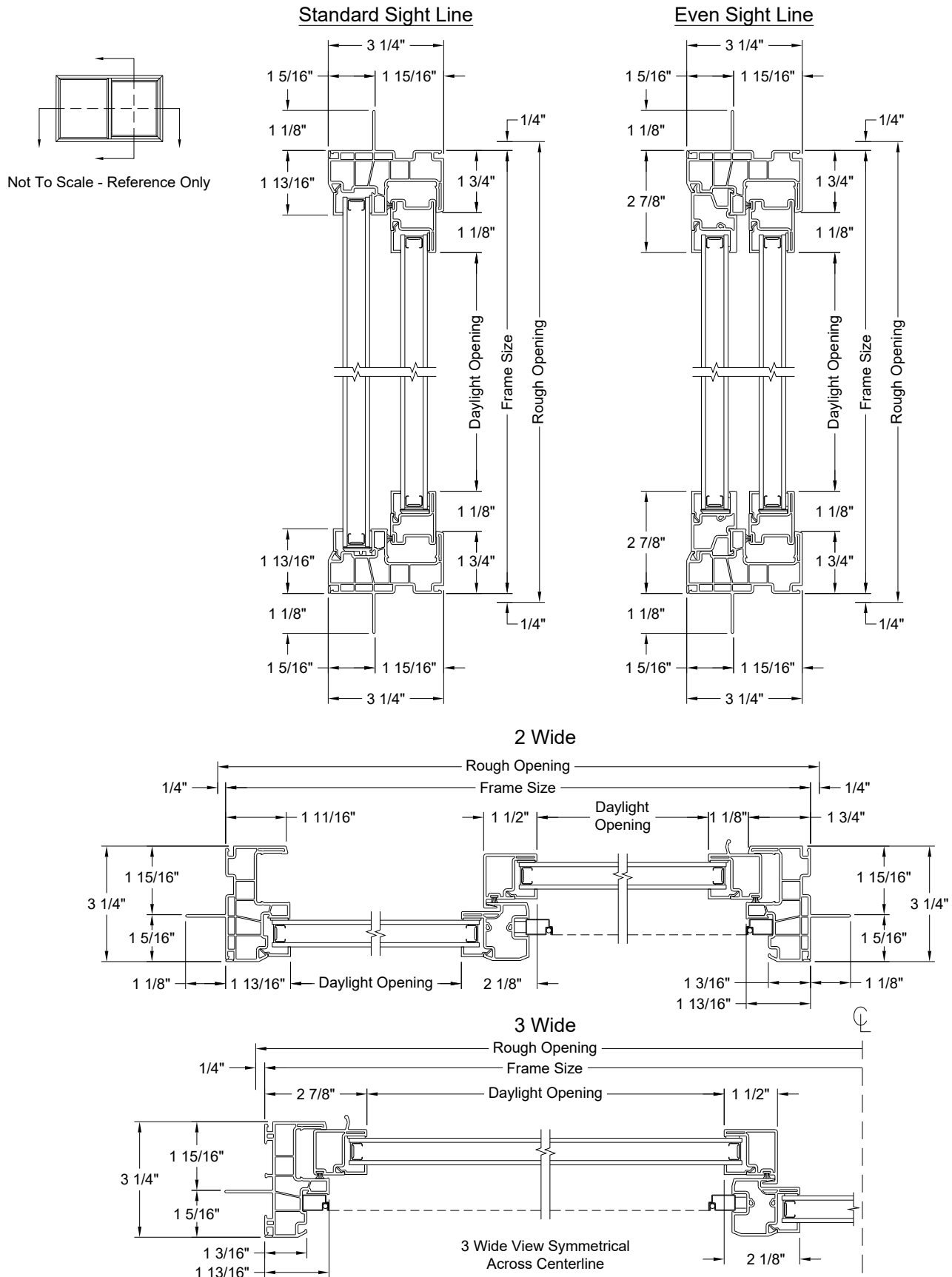
Trim options may vary by frame type and region. Contact JELD-WEN Customer Service for more information.

CLEAR OPENING FORMULAS

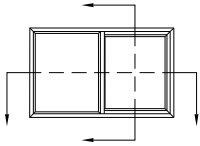


Clear Opening Formulas	
2 Panel	$((\text{Frame Width}/2) - 2 \frac{13}{16}) - (\text{Frame Height} - 3 \frac{11}{16})$
3 Panel - 1/4 Vent	$((\text{Frame Width}/4) - 2 \frac{13}{16}) - (\text{Frame Height} - 3 \frac{11}{16})$
3 Panel - 1/3 Vent	$((\text{Frame Width}/3) - 2 \frac{3}{4}) - (\text{Frame Height} - 3 \frac{11}{16})$

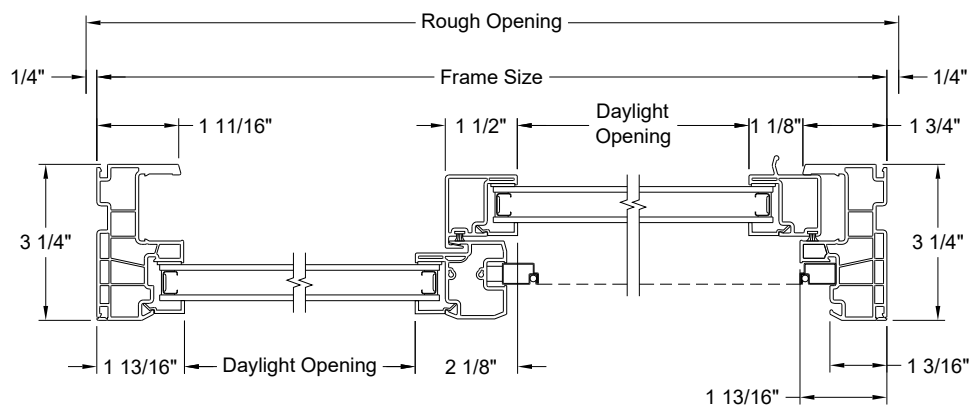
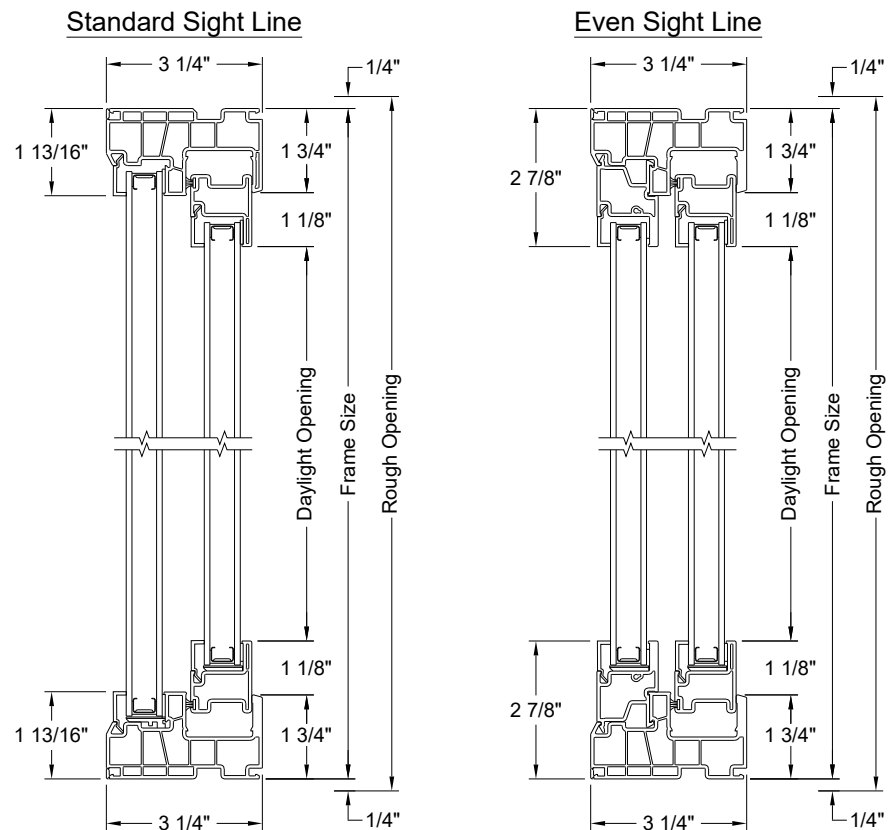
OPERATOR SECTIONS



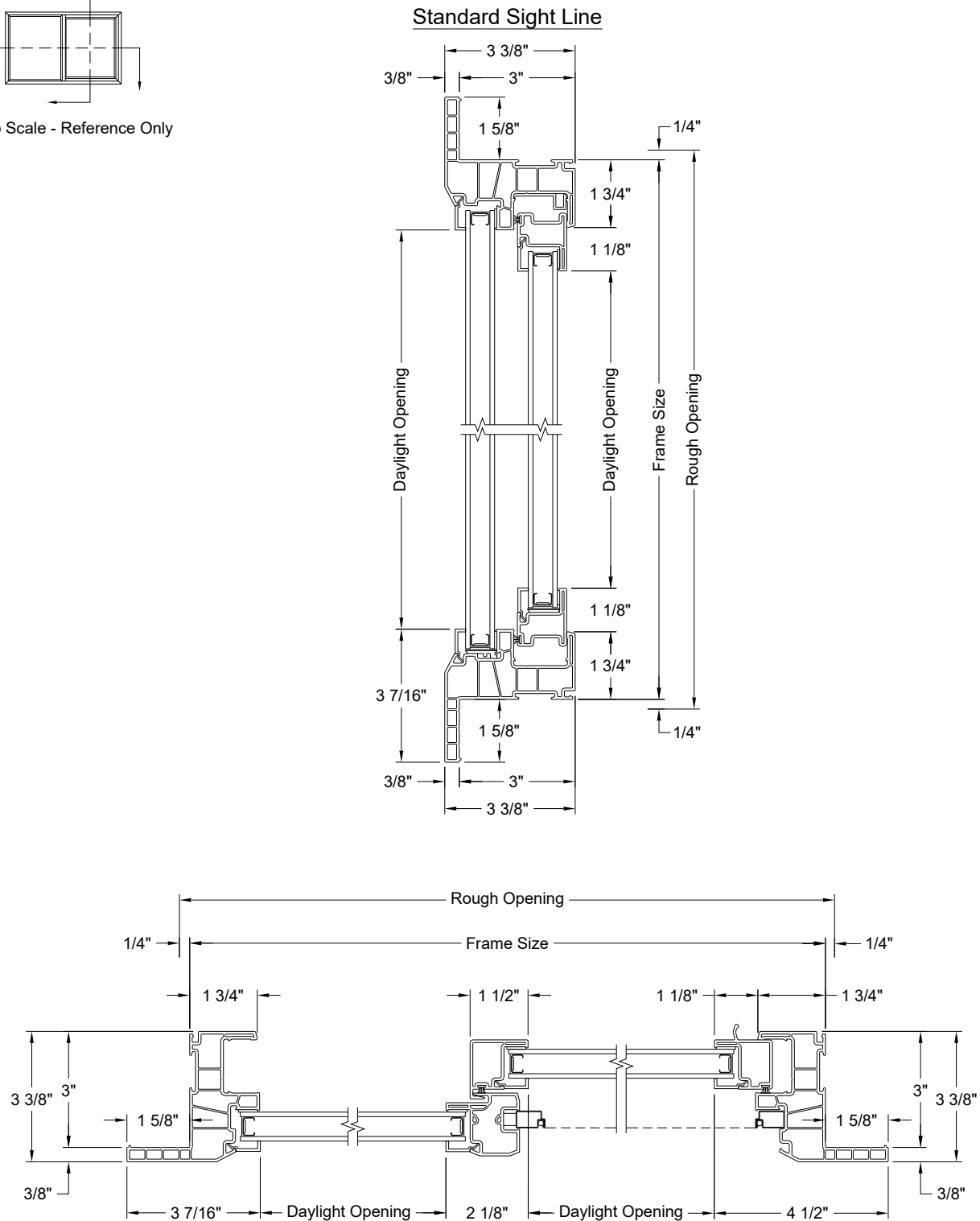
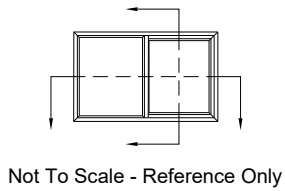
BLOCK FRAME SECTIONS



Not To Scale - Reference Only

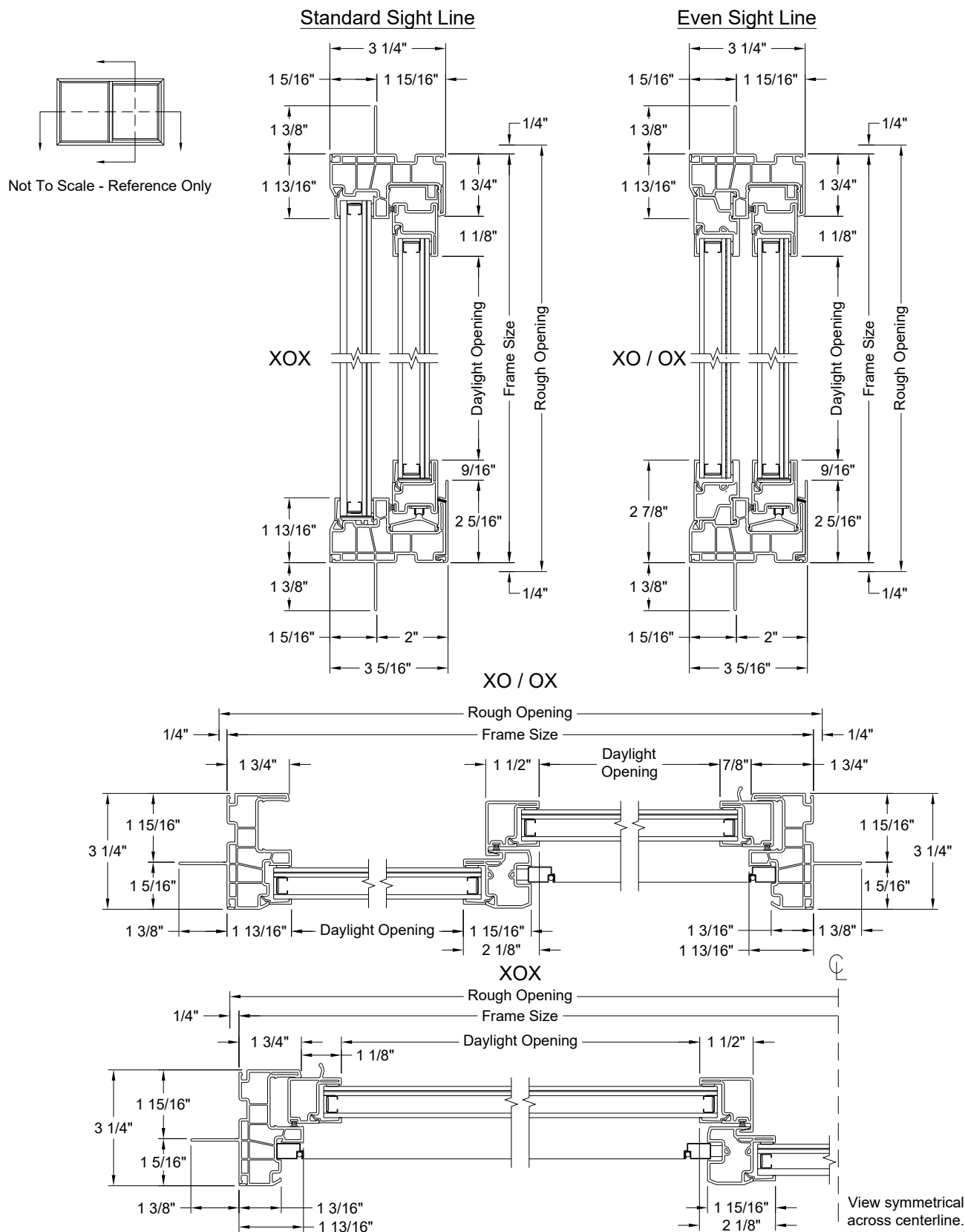


FLUSH FIN SECTIONS



Internal reinforcements will vary by Windzone and are not shown for proprietary integrity.

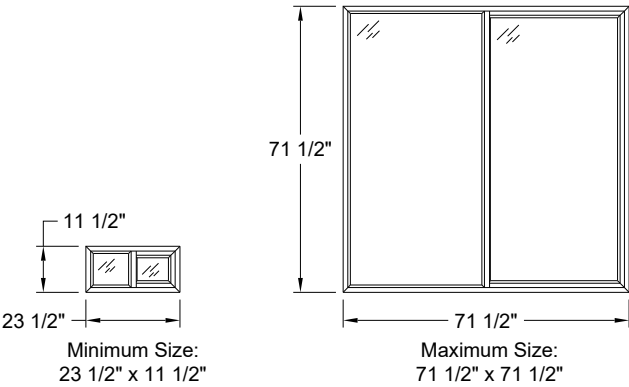
IMPACT SECTIONS - WINDZONE 2 & 3



Internal reinforcements will vary by Windzone and are not shown for proprietary integrity.

MIN-MAX STANDARD SIZING

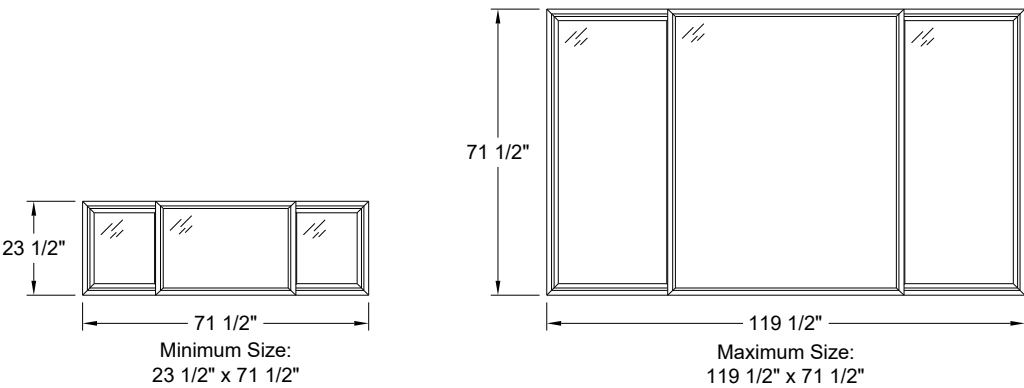
2-Wide Units



2-Wide Standard Widths				
23 1/2"	29 1/2"	35 1/2"	41 1/2"	47 1/2"
53 1/2"	59 1/2"	65 1/2"	71 1/2"	

2-Wide Standard Heights				
11 1/2"	17 1/2"	23 1/2"	29 1/2"	35 1/2"
41 1/2"	47 1/2"	53 1/2"	59 1/2"	65 1/2"
71 1/2"				

3-Wide Units



3-Wide Standard Widths				
71 1/2"	77 1/2"	83 1/2"	89 1/2"	95 1/2"
101 1/2"	107 1/2"	113 1/2"	119 1/2"	

3-Wide Standard Heights				
23 1/2"	29 1/2"	35 1/2"	41 1/2"	47 1/2"
53 1/2"	59 1/2"	65 1/2"	71 1/2"	

1/4 vent units shown. 1/3 vent units available.

FORMULAS

Understanding JELD-WEN Book Codes:

Premium™ Vinyl	Prefix	Width Code	Height Code
Horizontal Sliding - 2 Wide	PRVSL2	WW	HH
Horizontal Sliding - 3 Wide	PRVSL3	WW	HH

Sample Book Code:

PRVSL22436 = Premium™ Vinyl Horizontal Sliding - 2 Wide, 23 1/2" x 35 1/2" Frame Size

PRVSL38448 = Premium™ Vinyl Horizontal Sliding - 3 Wide, 83 1/2" x 47 1/2" Frame Size

Formulas	
Rough Opening	$(\text{Frame Width} + 1/2") \times (\text{Frame Height} + 1/2")$
Masonry Opening	$(\text{Overall Width} + 1/2") \times (\text{Overall Height} + 1/2")$
Daylight Opening ft² - 2 Wide	$((\text{Frame Width} / 2) - 6 \frac{7}{8}") \times (\text{Frame Height} - 3 \frac{5}{8"}) / 144$
Daylight Opening ft² - 3 Wide	$((\text{Frame Width} / 4) - 7 \frac{7}{8}") \times (\text{Frame Height} - 3 \frac{5}{8"}) / 144$
Clear Opening ft² - 2 Wide	$((\text{Frame Width} / 2) - 2 \frac{13}{16}") \times (\text{Frame Height} - 3 \frac{11}{16"}) / 144$
Clear Opening ft² - 3 Wide 1/4 Vent	$((\text{Frame Width} / 4) - 2 \frac{13}{16}") \times (\text{Frame Height} - 3 \frac{11}{16"}) / 144$
Clear Opening ft² - 3 Wide 1/3 Vent	$((\text{Frame Width} / 3) - 2 \frac{3}{4}") \times (\text{Frame Height} - 3 \frac{11}{16"}) / 144$

Overall dimensions include frame and trim.

Unit elevations are shown without exterior trim.

3 Panel Windows are shown with 1/4 vent division, others are available upon ordering.

EGRESS CHARTS

2 Wide Units

		Width								
		23 1/2"	29 1/2"	35 1/2"	41 1/2"	47 1/2"	53 1/2"	59 1/2"	65 1/2"	71 1/2"
Height	11 1/2"	0.30 ft²	0.38 ft²	0.47 ft²	0.55 ft²	0.64 ft²	0.73 ft²	0.81 ft²	0.90 ft²	0.98 ft²
	17 1/2"	0.73 ft²	0.94 ft²	1.15 ft²	1.36 ft²	1.57 ft²	1.78 ft²	1.99 ft²	2.20 ft²	2.41 ft²
	23 1/2"	1.16 ft²	1.49 ft²	1.83 ft²	2.17 ft²	2.50 ft²	2.84 ft²	3.17 ft²	3.51 ft²	3.85 ft²
	29 1/2"	1.59 ft²	2.05 ft²	2.51 ft²	2.97 ft²	3.43 ft²	3.89 ft²	4.35 ft²	4.82 ft²	5.28 ft²
	35 1/2"	2.02 ft²	2.61 ft²	3.19 ft²	3.78 ft²	4.36 ft²	4.95 ft²	5.54 ft²	6.12 ft²	6.71 ft²
	41 1/2"	2.45 ft²	3.16 ft²	3.87 ft²	4.58 ft²	5.29 ft²	6.01 ft²	6.72 ft²	7.43 ft²	8.14 ft²
	47 1/2"	2.88 ft²	3.72 ft²	4.55 ft²	5.39 ft²	6.23 ft²	7.06 ft²	7.90 ft²	8.73 ft²	9.57 ft²
	53 1/2"	3.31 ft²	4.27 ft²	5.23 ft²	6.20 ft²	7.16 ft²	8.12 ft²	9.08 ft²	10.04 ft²	11.00 ft²
	59 1/2"	3.74 ft²	4.83 ft²	5.92 ft²	7.00 ft²	8.09 ft²	9.17 ft²	10.26 ft²	11.35 ft²	12.43 ft²
	65 1/2"	4.18 ft²	5.39 ft²	6.60 ft²	7.81 ft²	9.02 ft²	10.23 ft²	11.44 ft²	12.65 ft²	13.86 ft²
	71 1/2"	4.61 ft²	5.94 ft²	7.28 ft²	8.61 ft²	9.95 ft²	11.29 ft²	12.62 ft²	13.96 ft²	15.29 ft²

3 Wide 1/4 Units

		Width								
		71 1/2"	77 1/2"	83 1/2"	89 1/2"	95 1/2"	101 1/2"	107 1/2"	113 1/2"	119 1/2"
Height	23 1/2"	1.04 ft²	1.13 ft²	1.23 ft²	1.32 ft²	1.41 ft²	1.50 ft²	1.59 ft²	1.68 ft²	1.77 ft²
	29 1/2"	1.76 ft²	1.91 ft²	2.07 ft²	2.22 ft²	2.37 ft²	2.53 ft²	2.68 ft²	2.83 ft²	2.99 ft²
	35 1/2"	2.48 ft²	2.69 ft²	2.91 ft²	3.12 ft²	3.34 ft²	3.56 ft²	3.77 ft²	3.99 ft²	4.20 ft²
	41 1/2"	3.19 ft²	3.47 ft²	3.75 ft²	4.03 ft²	4.31 ft²	4.58 ft²	4.86 ft²	5.14 ft²	5.42 ft²
	47 1/2"	3.91 ft²	4.25 ft²	4.59 ft²	4.93 ft²	5.27 ft²	5.61 ft²	5.95 ft²	6.29 ft²	6.64 ft²
	53 1/2"	4.62 ft²	5.03 ft²	5.43 ft²	5.83 ft²	6.24 ft²	6.64 ft²	7.04 ft²	7.45 ft²	7.85 ft²
	59 1/2"	5.34 ft²	5.80 ft²	6.27 ft²	6.74 ft²	7.20 ft²	7.67 ft²	8.14 ft²	8.60 ft²	9.07 ft²
	65 1/2"	6.05 ft²	6.58 ft²	7.11 ft²	7.64 ft²	8.17 ft²	8.70 ft²	9.23 ft²	9.75 ft²	10.28 ft²
	71 1/2"	6.77 ft²	7.36 ft²	7.95 ft²	8.54 ft²	9.13 ft²	9.73 ft²	10.32 ft²	10.91 ft²	11.50 ft²

3 Wide 1/3 Units

		Width								
		71 1/2"	77 1/2"	83 1/2"	89 1/2"	95 1/2"	101 1/2"	107 1/2"	113 1/2"	119 1/2"
Height	23 1/2"	1.98 ft²	2.15 ft²	2.32 ft²	2.50 ft²	2.67 ft²	2.84 ft²	3.02 ft²	3.19 ft²	3.36 ft²
	29 1/2"	2.93 ft²	3.19 ft²	3.45 ft²	3.70 ft²	3.96 ft²	4.21 ft²	4.47 ft²	4.73 ft²	4.98 ft²
	35 1/2"	3.89 ft²	4.23 ft²	4.57 ft²	4.91 ft²	5.25 ft²	5.59 ft²	5.93 ft²	6.26 ft²	6.60 ft²
	41 1/2"	4.84 ft²	5.27 ft²	5.69 ft²	6.11 ft²	6.53 ft²	6.96 ft²	7.38 ft²	7.80 ft²	8.23 ft²
	47 1/2"	5.80 ft²	6.30 ft²	6.81 ft²	7.32 ft²	7.82 ft²	8.33 ft²	8.83 ft²	9.34 ft²	9.85 ft²
	53 1/2"	6.75 ft²	7.34 ft²	7.93 ft²	8.52 ft²	9.11 ft²	9.70 ft²	10.29 ft²	10.88 ft²	11.47 ft²
	59 1/2"	7.71 ft²	8.38 ft²	9.05 ft²	9.73 ft²	10.40 ft²	11.07 ft²	11.74 ft²	12.42 ft²	13.09 ft²
	65 1/2"	8.66 ft²	9.42 ft²	10.18 ft²	10.93 ft²	11.69 ft²	12.44 ft²	13.20 ft²	13.96 ft²	14.71 ft²
	71 1/2"	9.62 ft²	10.46 ft²	11.30 ft²	12.14 ft²	12.98 ft²	13.81 ft²	14.65 ft²	15.49 ft²	16.33 ft²

	Unit meets egress specifications of equal to or greater than 20" width, 24" height, & 5.7 ft².
	Unit meets egress specifications of equal to or greater than 20" width, 24" height, & 5.0 ft².
##	Indicates clear opening square footage.
Local codes may differ, always refer to the codes in your area for complete requirements.	

2 WIDE UNITS

	24"	30"	36"	42"	48"	Rough Opening
	23 1/2"	29 1/2"	35 1/2"	41 1/2"	47 1/2"	Frame Width
	8 13/16" / 7 13/16"	14 13/16" / 13 13/16"	20 13/16" / 19 13/16"	26 13/16" / 25 13/16"	32 13/16" / 31 13/16"	Daylight Opening
12"	 PRVSL22412	 PRVSL23012	 PRVSL23612	 PRVSL24212	 PRVSL24812	
18"	 PRVSL22418	 PRVSL23018	 PRVSL23618	 PRVSL24218	 PRVSL24818	
24"	 PRVSL22424	 PRVSL23024	 PRVSL23624	 PRVSL24224	 PRVSL24824	
30"	 PRVSL22430	 PRVSL23030	 PRVSL23630	 PRVSL24230	 PRVSL24830	
36"	 PRVSL22436	 PRVSL23036	 PRVSL23636	 PRVSL24236	 PRVSL24836	
42"	 PRVSL22442	 PRVSL23042	 PRVSL23642	 PRVSL24242	 PRVSL24842	
48"	 PRVSL22448	 PRVSL23048	 PRVSL23648	 PRVSL24248	 PRVSL24848	

Note: All 3-panel windows shown as 1/4 vent.

Elevation Legend:

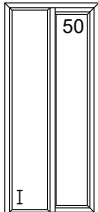
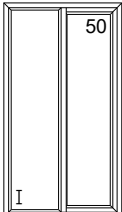
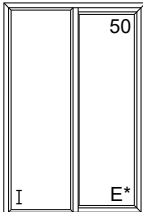
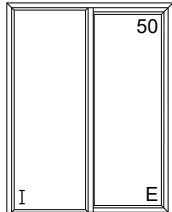
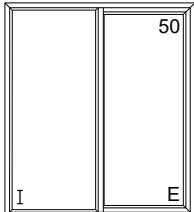
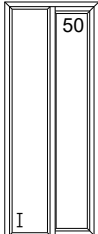
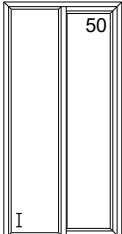
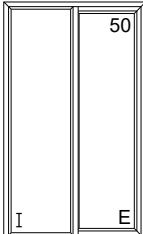
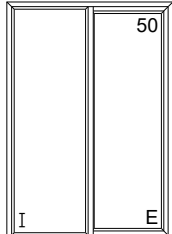
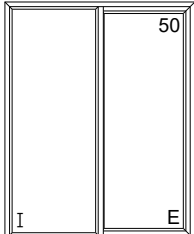
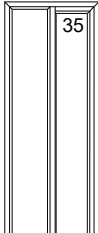
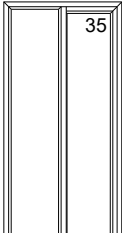
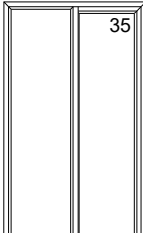
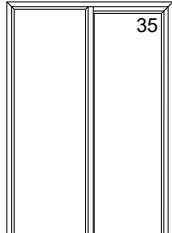
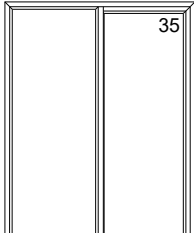
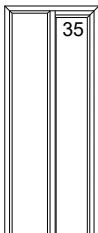
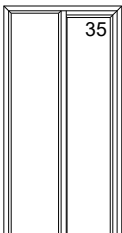
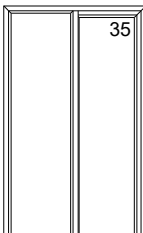
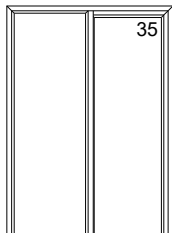
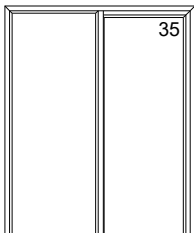
= Maximum Performance Grade (PG) rating with standard glazing.

I = Impact rated unit available.

E = Unit meets egress - clear opening exceeds 20" width, 24" height and 5.7 ft².

E* = Unit meets egress (1st floor) - clear opening exceeds 20" width, 24" height and 5.0 ft².

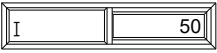
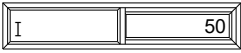
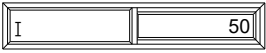
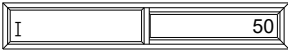
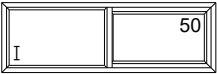
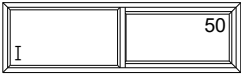
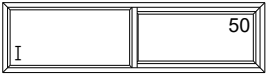
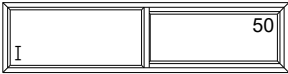
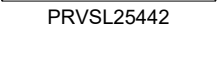
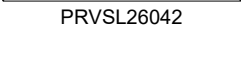
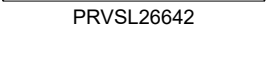
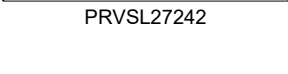
2 WIDE UNITS

						Rough Opening Frame Width Daylight Opening
	24"	30"	36"	42"	48"	
	23 1/2"	29 1/2"	35 1/2"	41 1/2"	47 1/2"	
	8 13/16" / 7 13/16"	14 13/16" / 13 13/16"	20 13/16" / 19 13/16"	26 13/16" / 25 13/16"	32 13/16" / 31 13/16"	
54"						
53 1/2"	PRVSL22454	PRVSL23054	PRVSL23654	PRVSL24254	PRVSL24854	
49 7/8" / 47 3/4"						
60"						
59 1/2"	PRVSL22460	PRVSL23060	PRVSL23660	PRVSL24260	PRVSL24860	
55 7/8" / 53 3/4"						
66"						
65 1/2"	PRVSL22466	PRVSL23066	PRVSL23666	PRVSL24266	PRVSL24866	
61 7/8" / 59 3/4"						
72"						
71 1/2"	PRVSL22472	PRVSL23072	PRVSL23672	PRVSL24272	PRVSL24872	
67 7/8" / 65 3/4"						

Note: All 3-panel windows shown as 1/4 vent.

Elevation Legend:
 ## = Maximum Performance Grade (PG) rating with standard glazing.
 I = Impact rated unit available.
 E = Unit meets egress - clear opening exceeds 20" width, 24" height and 5.7 ft².
 E* = Unit meets egress (1st floor) - clear opening exceeds 20" width, 24" height and 5.0 ft².

2 WIDE UNITS

	54"	60"	66"	72"	
	53 1/2"	59 1/2"	65 1/2"	71 1/2"	Rough Opening
	38 13/16" / 37 13/16"	44 13/16" / 43 13/16"	60 13/16" / 59 13/16"	66 13/16" / 65 13/16"	Frame Width
					Daylight Opening
12"	 PRVSL25412	 PRVSL26012	 PRVSL26612	 PRVSL27212	
18"	 PRVSL25418	 PRVSL26018	 PRVSL26618	 PRVSL27218	
24"	 PRVSL25424	 PRVSL26024	 PRVSL26624	 PRVSL27224	
30"	 PRVSL25430	 PRVSL26030	 PRVSL26630	 PRVSL27230	
36"	 PRVSL25436	 PRVSL26036	 PRVSL26636	 PRVSL27236	
42"	 PRVSL25442	 PRVSL26042	 PRVSL26642	 PRVSL27242	
48"	 PRVSL25448	 PRVSL26048	 PRVSL26648	 PRVSL27248	

Note: All 3-panel windows shown as 1/4 vent.

Elevation Legend:

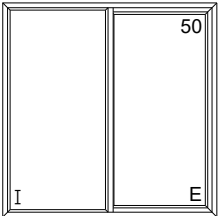
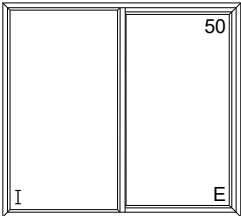
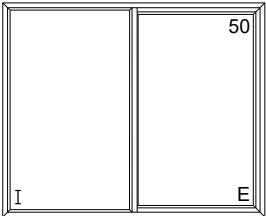
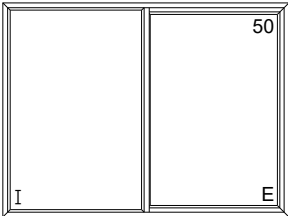
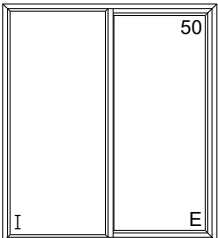
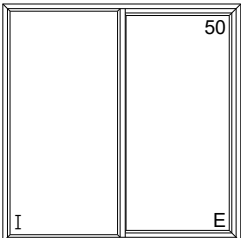
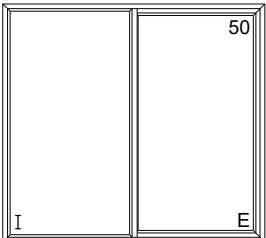
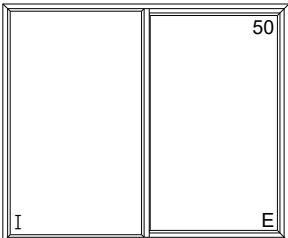
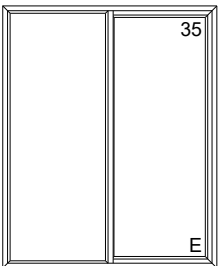
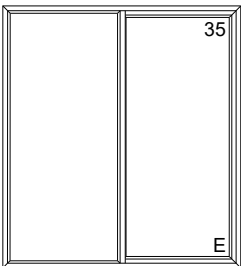
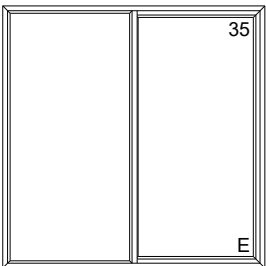
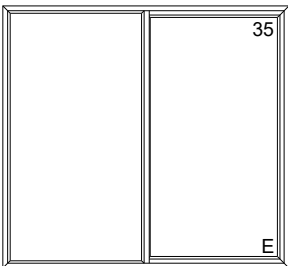
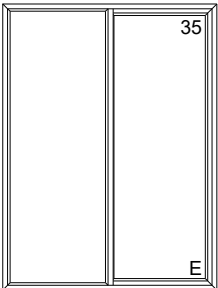
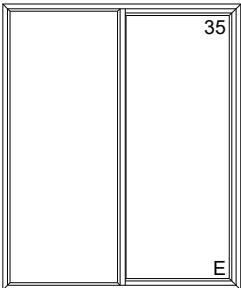
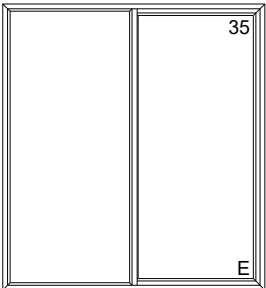
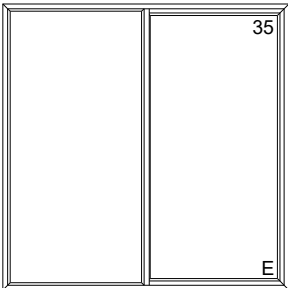
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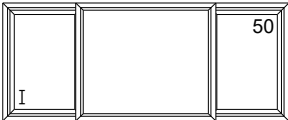
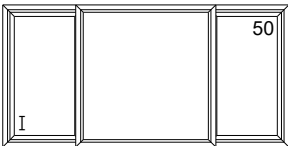
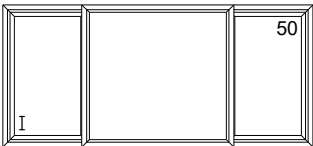
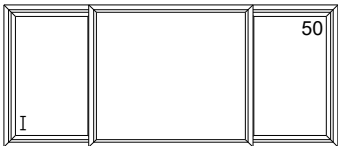
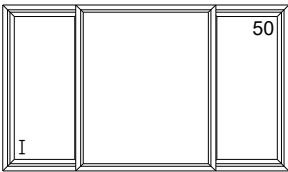
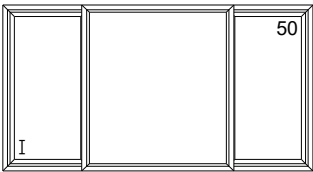
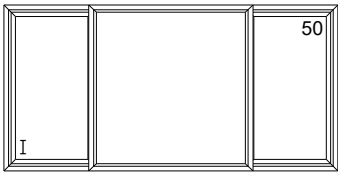
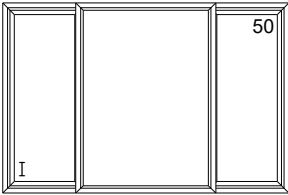
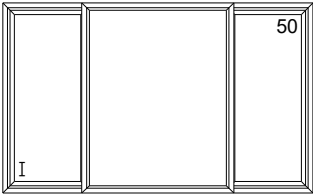
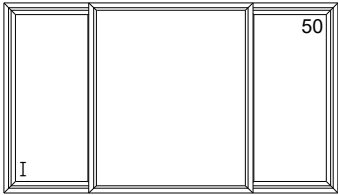
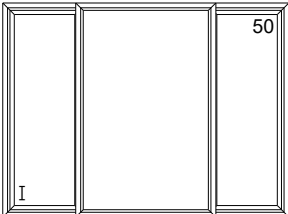
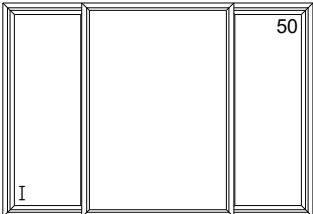
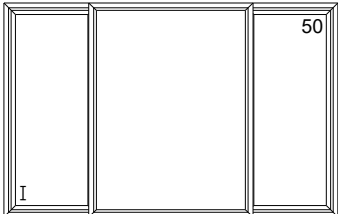
2 WIDE UNITS

	53"	60"	66"	72"	
	53 1/2"	59 1/2"	65 1/2"	71 1/2"	Rough Opening
	38 13/16" / 37 13/16"	44 13/16" / 43 13/16"	60 13/16" / 59 13/16"	66 13/16" / 65 13/16"	Frame Width
					Daylight Opening
54"					
53 1/2"	PRVSL25454	PRVSL26054	PRVSL26654	PRVSL27254	
49 7/8" / 47 3/4"					
60"	PRVSL25460	PRVSL26060	PRVSL26660	PRVSL27260	
59 1/2"					
55 7/8" / 53 3/4"	PRVSL25466	PRVSL26066	PRVSL26666	PRVSL27266	
66"					
65 1/2"	PRVSL25472	PRVSL26072	PRVSL26672	PRVSL27272	
61 7/8" / 59 3/4"					
72"					
71 1/2"					
67 7/8" / 65 3/4"					
Rough Opening					
Frame Height					
Daylight Opening					

Note: All 3-panel windows shown as 1/4 vent.

Elevation Legend:
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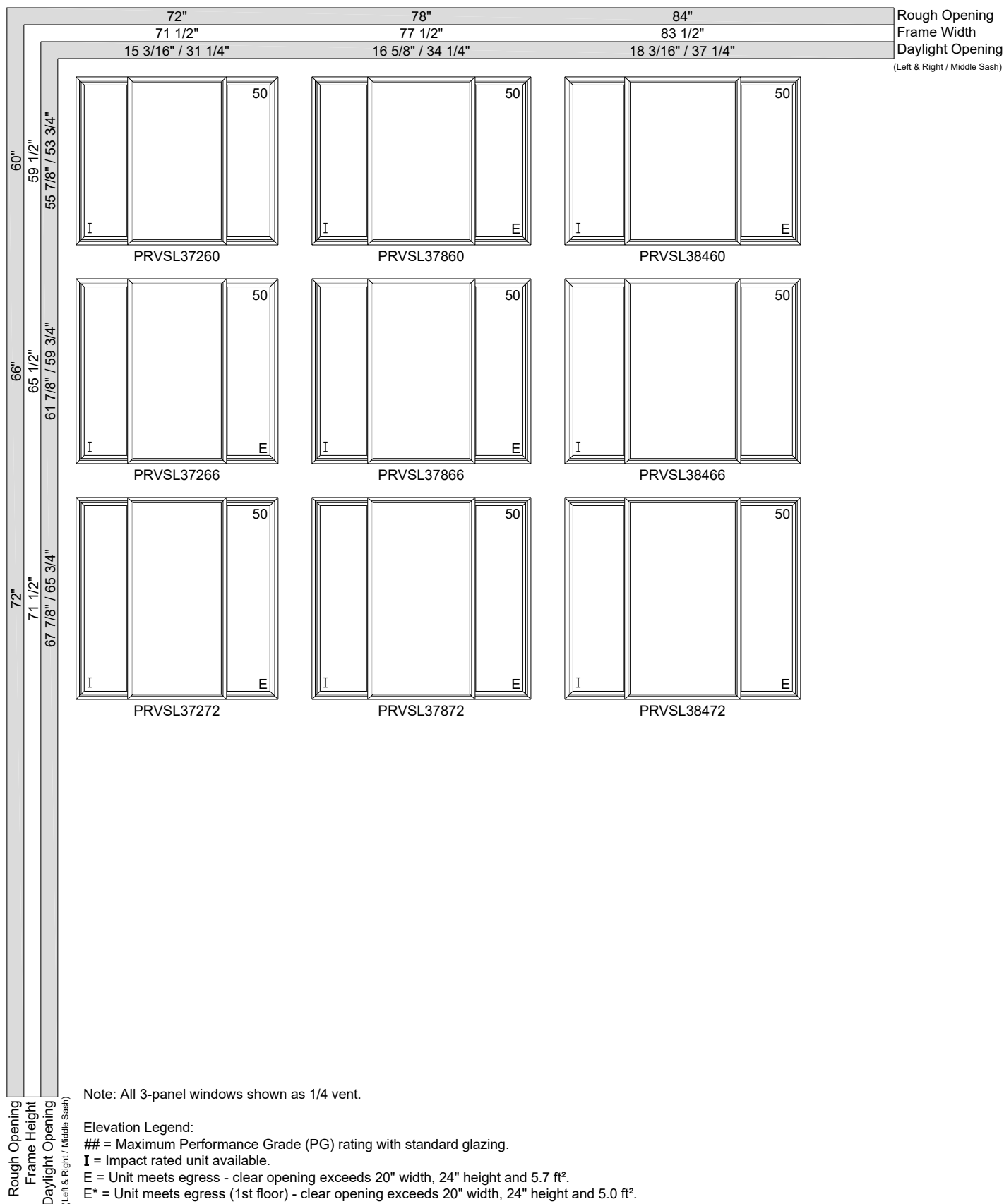
3 WIDE UNITS

		72"		78"		84"		Rough Opening
		71 1/2"		77 1/2"		83 1/2"		Frame Width
		15 3/16" / 31 1/4"		16 5/8" / 34 1/4"		18 3/16" / 37 1/4"		Daylight Opening
								(Left & Right / Middle Sash)
Rough Opening Frame Height Daylight Opening (Left & Right / Middle Sash)	24"							
	30"							
	36"							
	42"							
	48"							
	54"							
		PRVSL37224		PRVSL37824		PRVSL38424		
		PRVSL37230		PRVSL37830		PRVSL38430		
		PRVSL37236		PRVSL37836		PRVSL38436		
		PRVSL37242		PRVSL37842		PRVSL38442		
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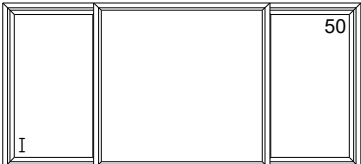
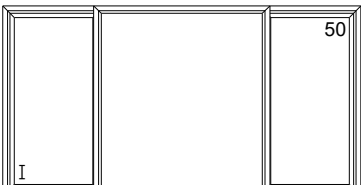
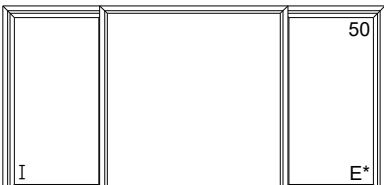
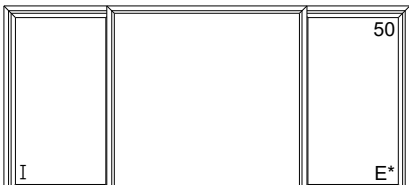
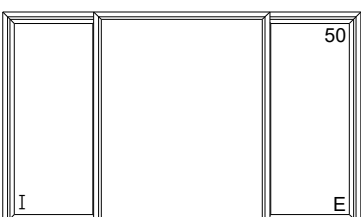
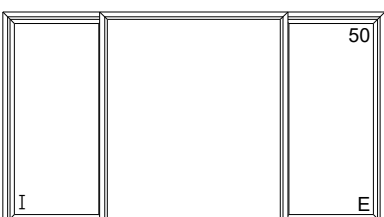
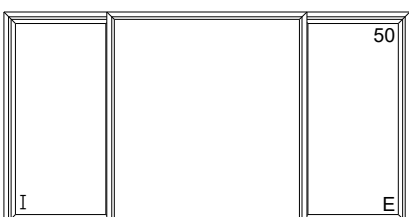
Note: All 3-panel windows shown as 1/4 vent.

Elevation Legend:
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E* = Unit meets egress (1st floor) - clear opening exceeds 20" width, 24" height and 5.0 ft².

3 WIDE UNITS



3 WIDE UNITS

	90"	96"	102"	Rough Opening
	89 1/2"	95 1/2"	101 1/2"	Frame Width
	19 5/8" / 40 1/4"	21 3/16" / 43 1/4"	22 5/8" / 46 1/4"	Daylight Opening
	(Left & Right / Middle Sash)			
24"	 PRVSL39024	 PRVSL39624	 PRVSL310224	
30"	 PRVSL39030	 PRVSL39630	 PRVSL310230	
36"	 PRVSL39036	 PRVSL39636	 PRVSL310236	
42"	 PRVSL39042	 PRVSL39642	 PRVSL310242	
48"	 PRVSL39048	 PRVSL39648	 PRVSL310248	
54"	 PRVSL39054	 PRVSL39654	 PRVSL310254	

Note: All 3-panel windows shown as 1/4 vent.

Elevation Legend:

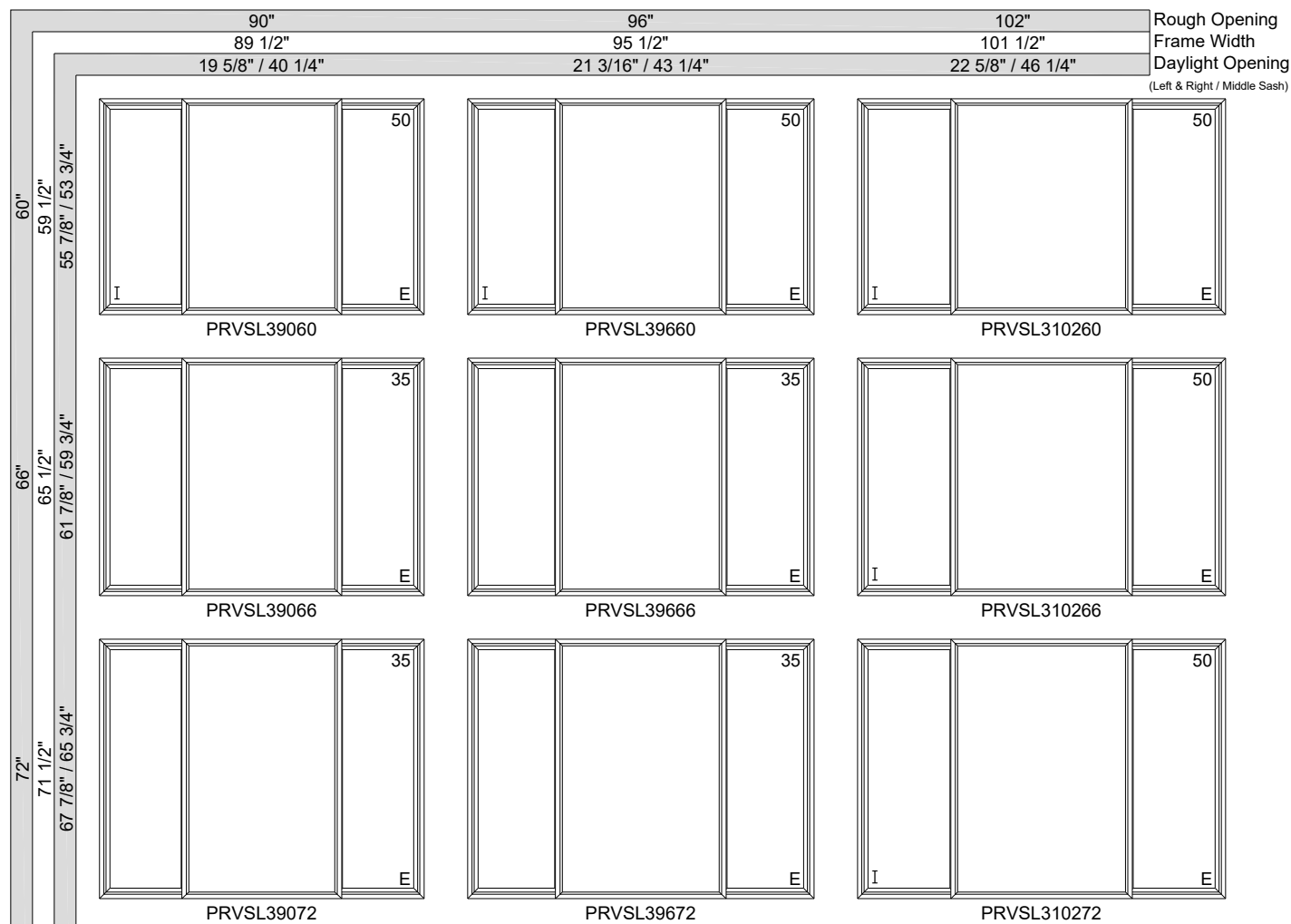
= Maximum Performance Grade (PG) rating with standard glazing.

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E = Unit meets egress - clear opening exceeds 20" width, 24" height and 5.7 ft².

E* = Unit meets egress (1st floor) - clear opening exceeds 20" width, 24" height and 5.0 ft².

3 WIDE UNITS



Note: All 3-panel windows shown as 1/4 vent.

Elevation Legend:

= Maximum Performance Grade (PG) rating with standard glazing.

I = Impact rated unit available.

E = Unit meets egress - clear opening exceeds 20" width, 24" height and 5.7 ft².

E* = Unit meets egress (1st floor) - clear opening exceeds 20" width, 24" height and 5.0 ft².

3 WIDE UNITS

	108"	114"	
	107 1/2"	113 1/2"	Rough Opening
	24 1/8" / 49 1/4"	24 1/8" / 49 1/4"	Frame Width
			Daylight Opening
			(Left & Right / Middle Sash)
24"			
	PRVSL310824	PRVSL311424	
30"			
	PRVSL310830	PRVSL311430	
36"			
	PRVSL310836	PRVSL311436	
42"			
	PRVSL310842	PRVSL311442	
48"			
	PRVSL310848	PRVSL311448	
54"			
	PRVSL310854	PRVSL311454	

Note: All 3-panel windows shown as 1/4 vent.

Elevation Legend:

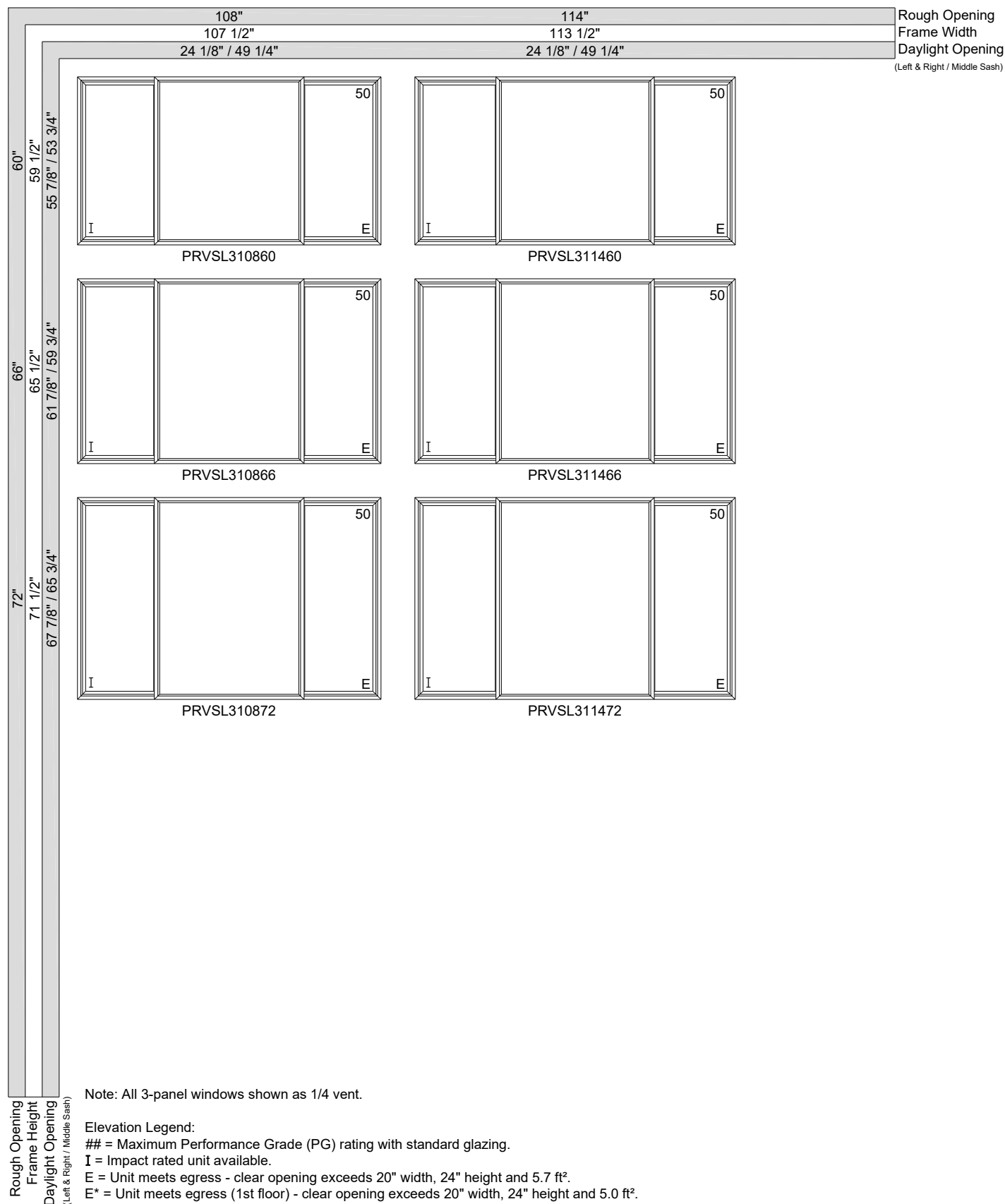
= Maximum Performance Grade (PG) rating with standard glazing.

I = Impact rated unit available.

E = Unit meets egress - clear opening exceeds 20" width, 24" height and 5.7 ft².

E* = Unit meets egress (1st floor) - clear opening exceeds 20" width, 24" height and 5.0 ft².

3 WIDE UNITS



3 WIDE UNITS

