CRL

INSTALLATION INSTRUCTIONS

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KLARITY INTERIOR PARTITION SYSTEM



NOTE: Shown with optional CRL375 Sliding Door hardware.

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IMPORTANT: READ THIS MANUAL THOROUGHLY BEFORE BEGINNING INSTALLATION

SYSTEM LIMITATIONS

Designed for Interior Applications. Not for use in guardrail applications where there is a difference of 30 inches or greater between two upper and lower floor surfaces.

Maximum Spacing Between Posts: 54” (1372 mm)

GLASS FABRICATION

Fixed Lite and Sidelite Glass

1/2” (12 mm) thick fully tempered glass with exposed edges polished.

9/16” (14 mm) thick laminated glass.

Panel Height = Overall Height minus 2” (51 mm)

Maximum Height: 12” (305 mm) above top of post.

Panel Width = post to post centerline minus 3/4” (19 mm)

Maximum Width: 60” (1524 mm)

Sliding Door Glass

3/8” (10 mm) thick fully tempered glass with exposed edges polished.

Maximum Height: 84” (2134 mm)

Maximum Width: 40” (1016 mm)

NOTE: See Installation Instructions for CRL375 Sliding System for additional information.

Swinging Door Glass

1/2” (12 mm) thick fully tempered glass with exposed edges polished.

Maximum Height: 84” (2134 mm)

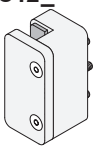
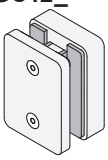
Maximum Width: 36” (914 mm)

NOTE: See Installation Instructions for FH4BSS Floating Header and PH20C for additional information.

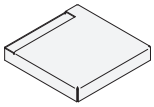
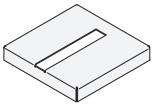
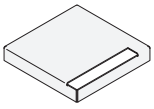
PARTS LIST

All parts ordered individually as needed.

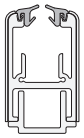
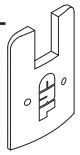
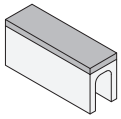
Glass Clamps

KEGC12_	KCGC12_
	
End Glass Clamp	Center Glass Clamp

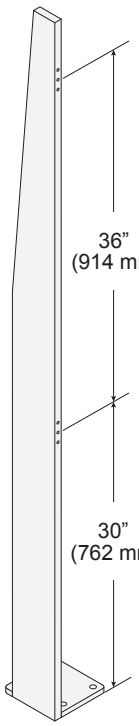
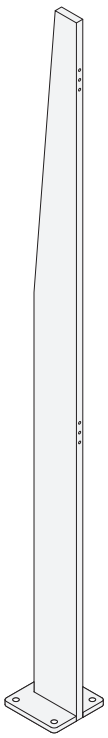
Flange Covers

KFLCL_	KFLCC_	KFLCR_
		
Left End Flange Cover	Center Flange Cover	Right End Flange Cover

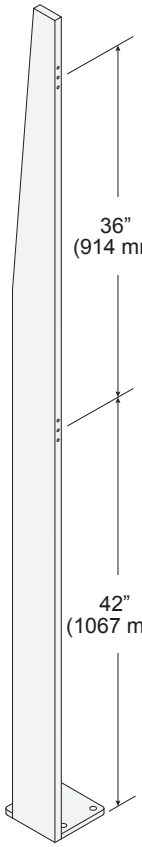
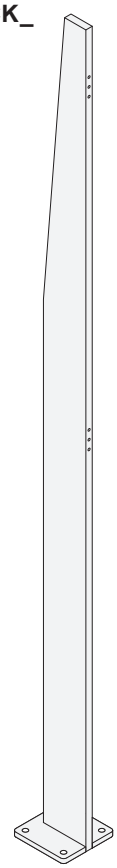
Bottom Rail Parts

SR2S_	SREC_	UCSB4
		
Low Profile Bottom Rail	Square End Cap	Aluminum Neoprene Setting Block

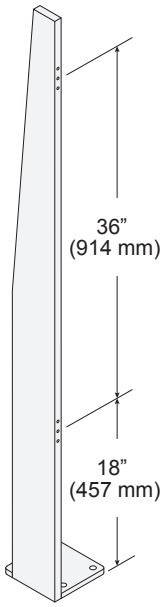
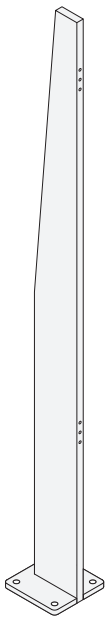
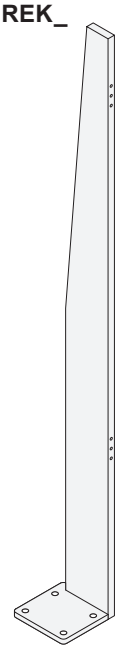
6’ Posts

K72LEK_	K72CK_	K72REK_
		
Klarity 72” (1829 mm) Left End Post	Klarity 72” (1829 mm) Center Post	Klarity 72” (1829 mm) Right End Post

7’ Posts

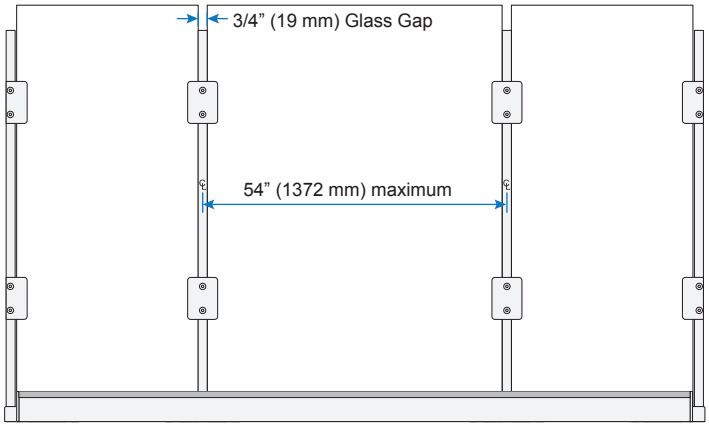
K84LEK_	K84CK_	K84REK_
		
Klarity 84” (2134 mm) Left End Post	Klarity 84” (2134 mm) Center Post	Klarity 84” (2134 mm) Right End Post

5’ Posts

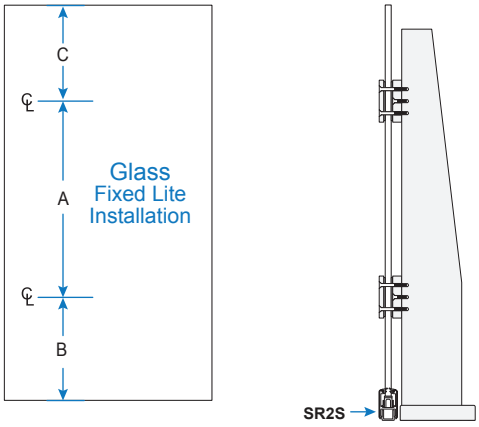
K60LEK_	K60CK_	K60REK_
		
Klarity 60” (1524 mm) Left End Post	Klarity 60” (1524 mm) Center Post	Klarity 60” (1524 mm) Right End Post

TYPICAL CONFIGURATIONS

Fixed Lites



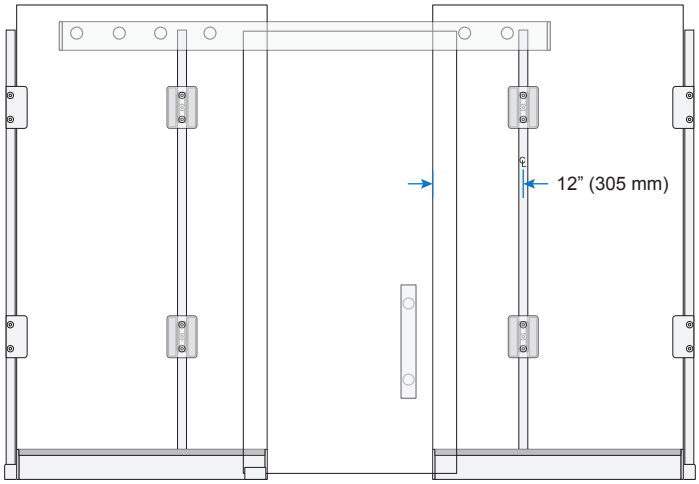
A = 36” (914 mm)
B = 16”, 28” or 42” (406, 711 or 1016 mm) based on post selection. See Page 2.
C = Maximum 12” (305mm) above top of post.



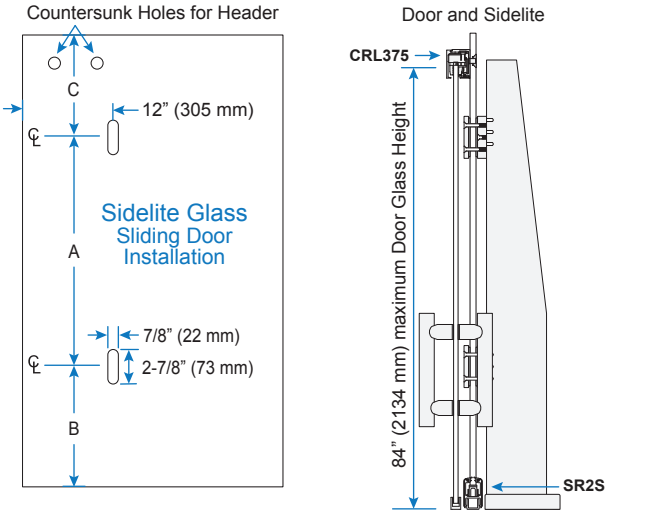
OPTIONAL CONFIGURATIONS

Sliding Door with Sidelites

Using CRL375 Sliding System (Sold Separately)

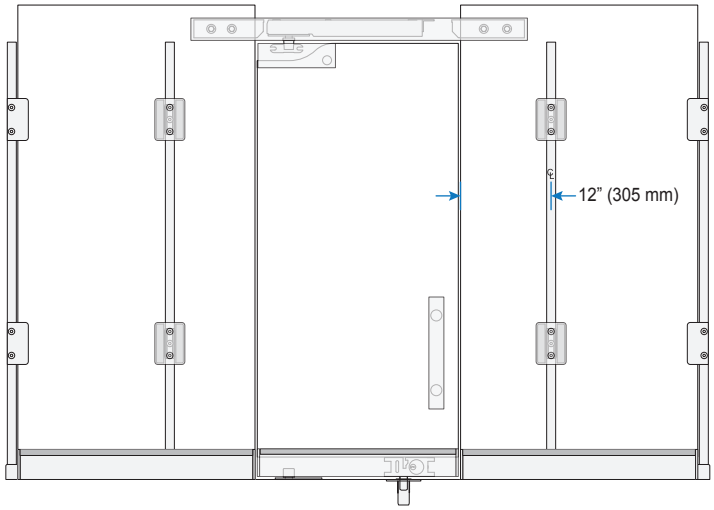


A = 36” (914 mm)
B = 16”, 28” or 42” (406, 711 or 1016 mm) based on post selection. See Page 2.
C = Maximum 12” (305mm) above top of post.

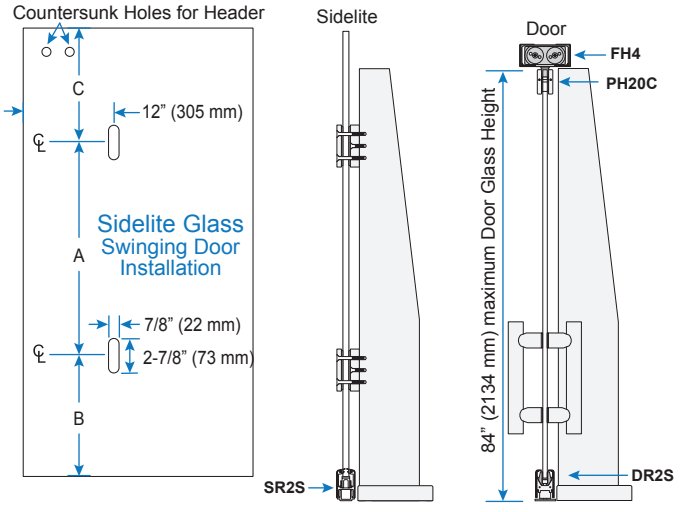


Swing Door with Sidelites

Using CRL FH4BSS Floating Header and Door Hardware (Sold Separately)

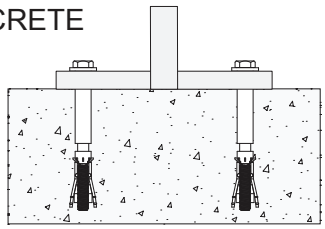


A = 36” (914 mm)
B = 16”, 28” or 42” (406, 711 or 1016 mm) based on post selection. See Page 2.
C = Maximum 12” (305mm) above top of post.



POST MOUNTING OPTIONS

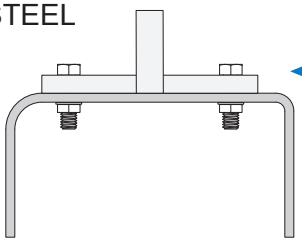
CONCRETE



(4) EBA334 3/8" x 3-7/8"
Concrete Anchors per Plate

OR

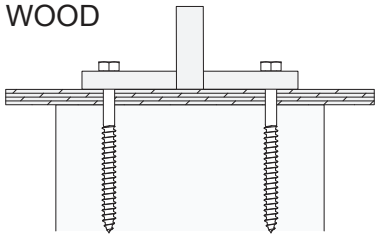
STEEL



(4) SHCS12 x 34
Cap Screws per Plate

OR

WOOD

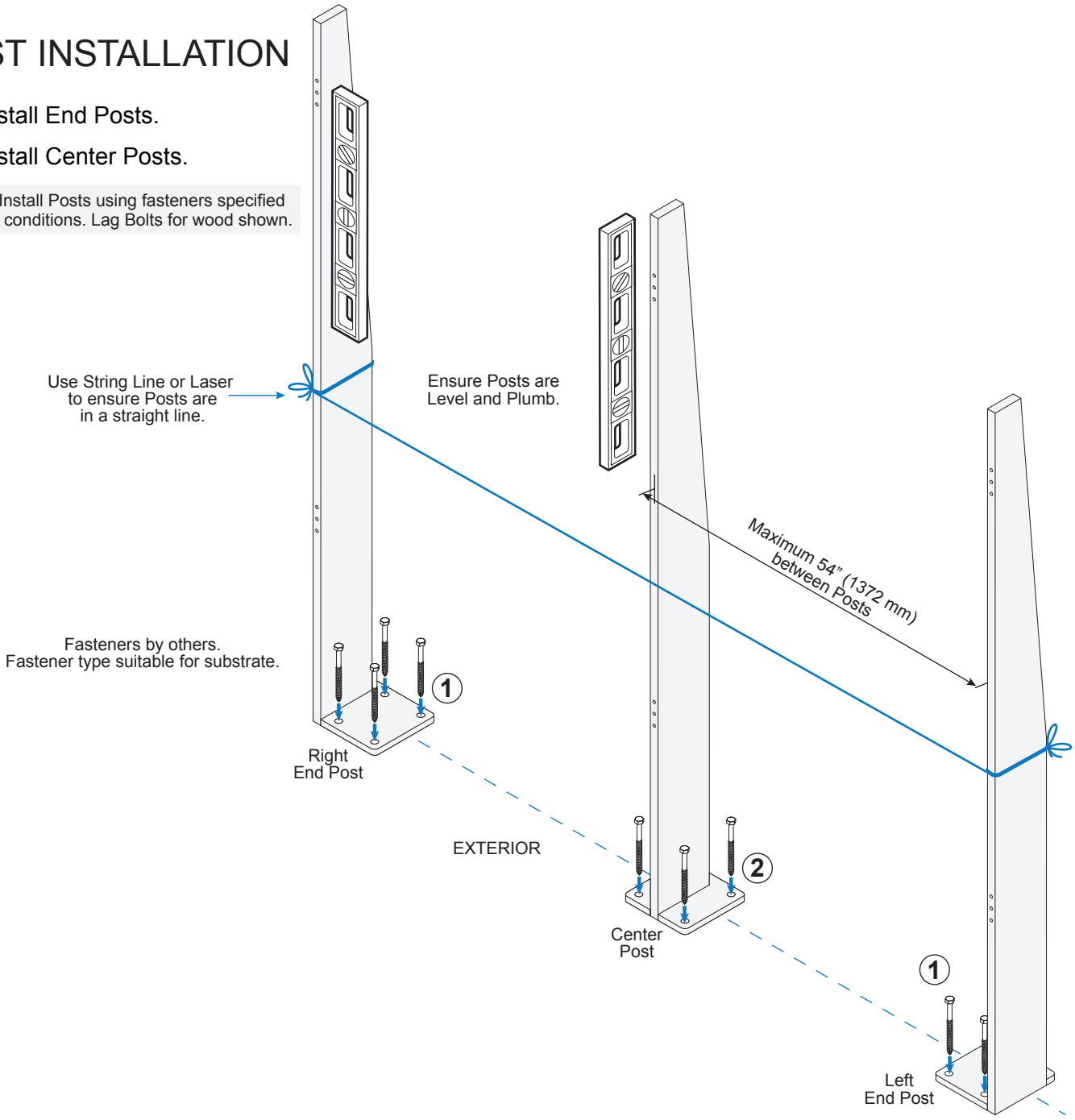


(4) LB600
Lag Bolts per Plate

POST INSTALLATION

1. Install End Posts.
2. Install Center Posts.

NOTE: Install Posts using fasteners specified for your conditions. Lag Bolts for wood shown.

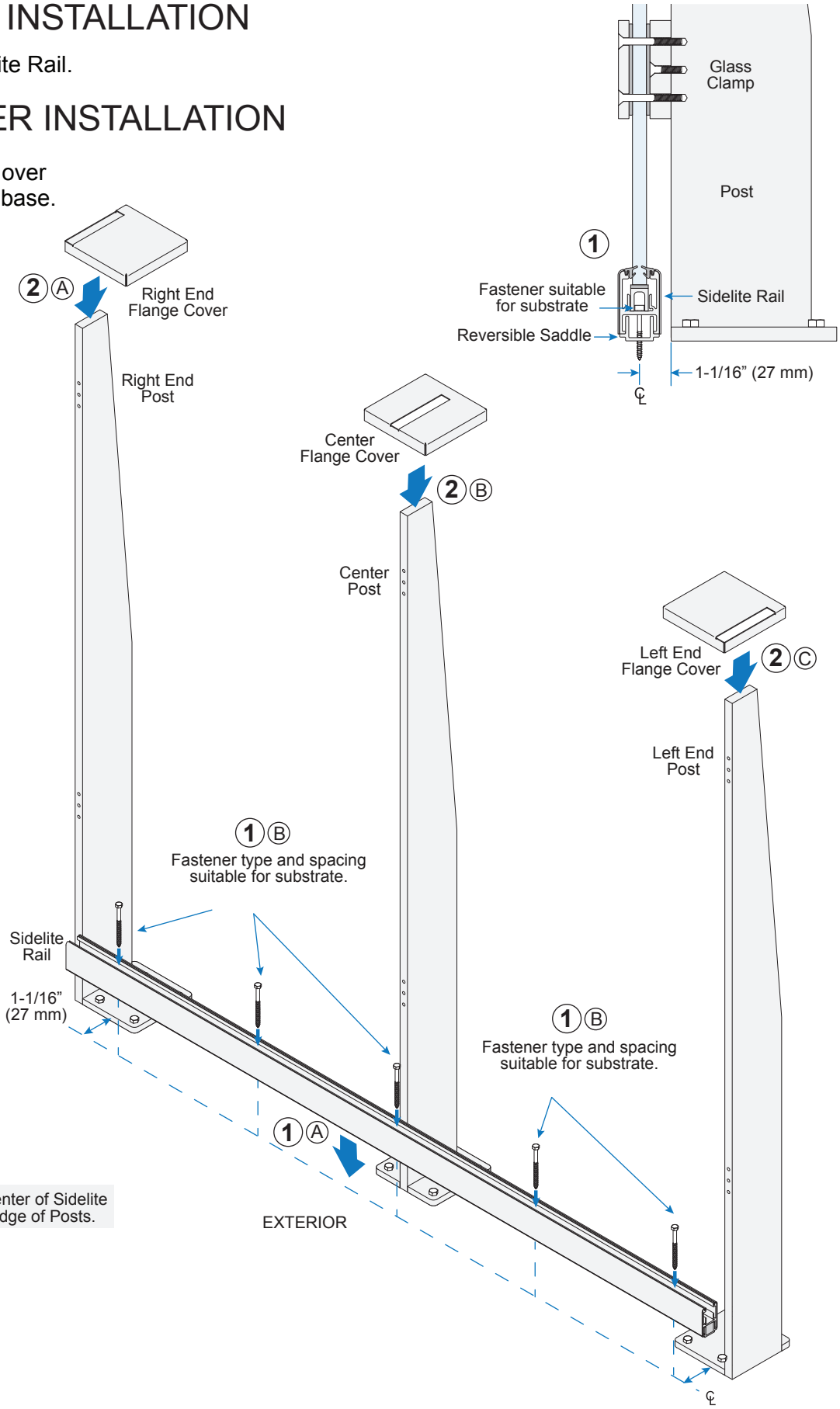


BOTTOM RAIL INSTALLATION

① Install Bottom Sidelite Rail.

FLANGE COVER INSTALLATION

② Slide Flange Cover over top of post down to base.

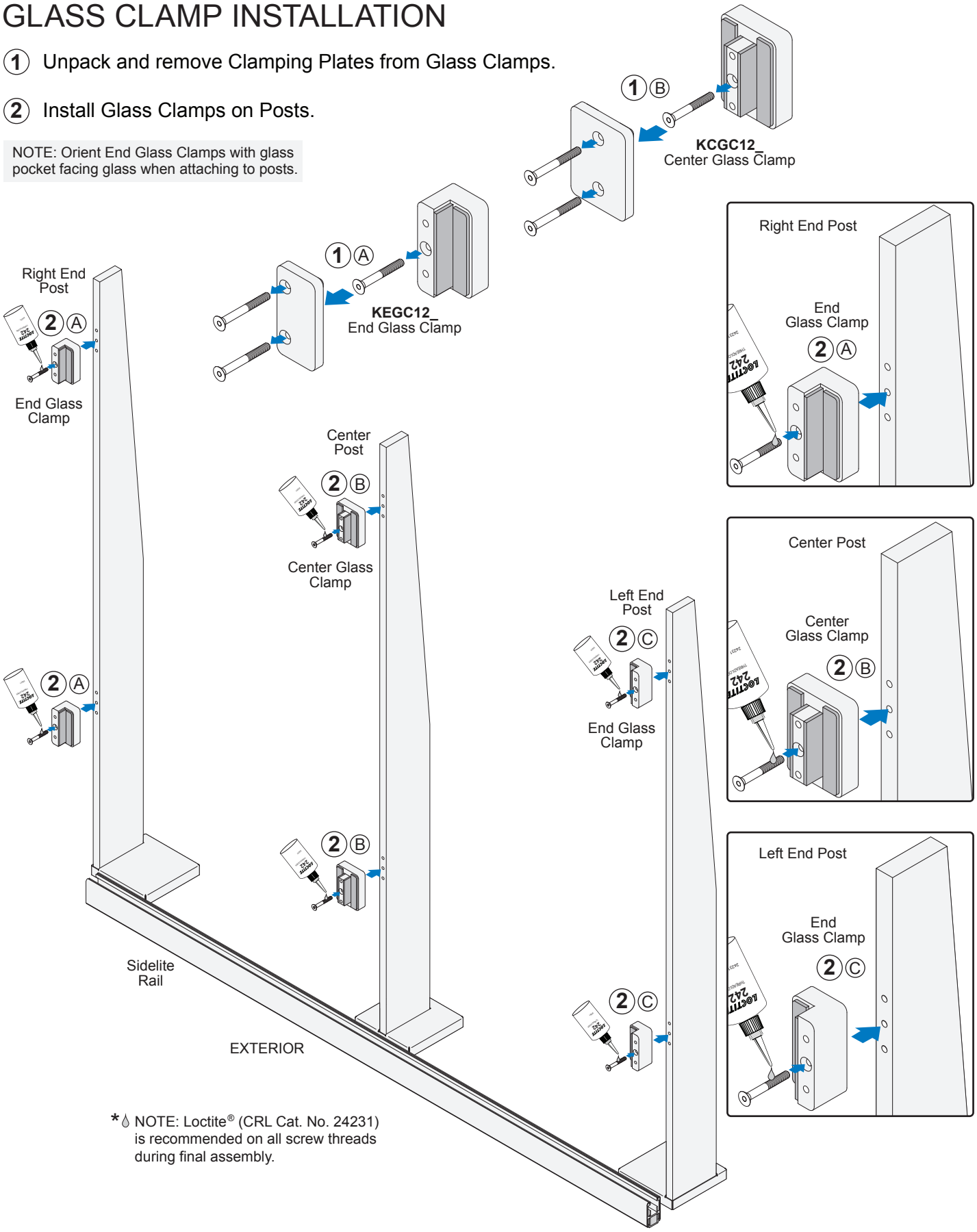


NOTE: Position Center of Sidelite Rail 1-1/16" from edge of Posts.

GLASS CLAMP INSTALLATION

1. Unpack and remove Clamping Plates from Glass Clamps.
2. Install Glass Clamps on Posts.

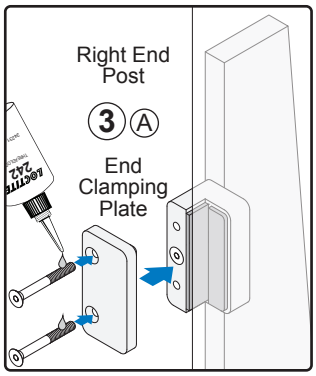
NOTE: Orient End Glass Clamps with glass pocket facing glass when attaching to posts.

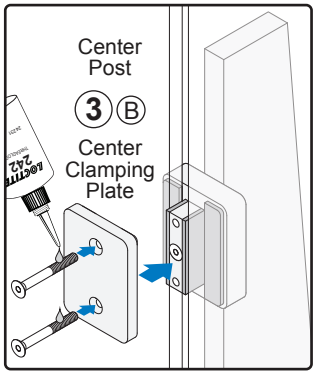


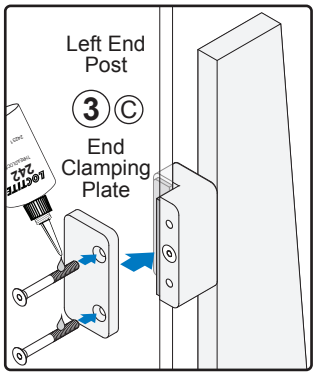
* NOTE: Loctite® (CRL Cat. No. 24231) is recommended on all screw threads during final assembly.

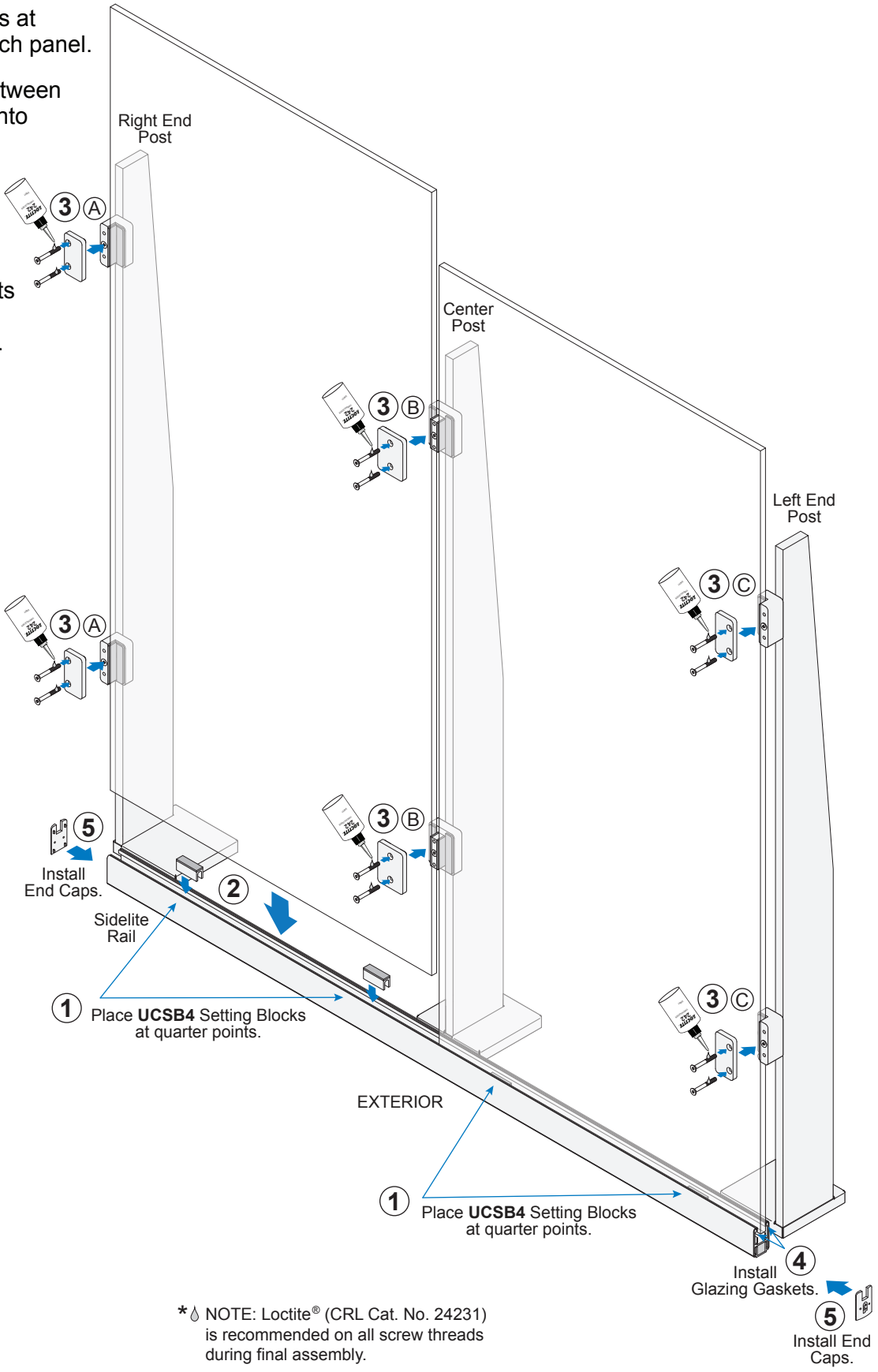
GLASS INSTALLATION

1. Place Setting Blocks at quarter points of each panel.
2. Fit Glass Panels between Clamps and lower into Bottom Rail.
3. Install Clamping Plates to secure glass in position.
4. Roll Glazing Gaskets into Bottom Rail at interior and exterior.
5. Install End Caps at Bottom Rail.









* NOTE: Loctite® (CRL Cat. No. 24231) is recommended on all screw threads during final assembly.