Installation Instructions: Serenity Sidelite Frame
Interior Aluminum with STC-35 Rating

FRAMEWORKS

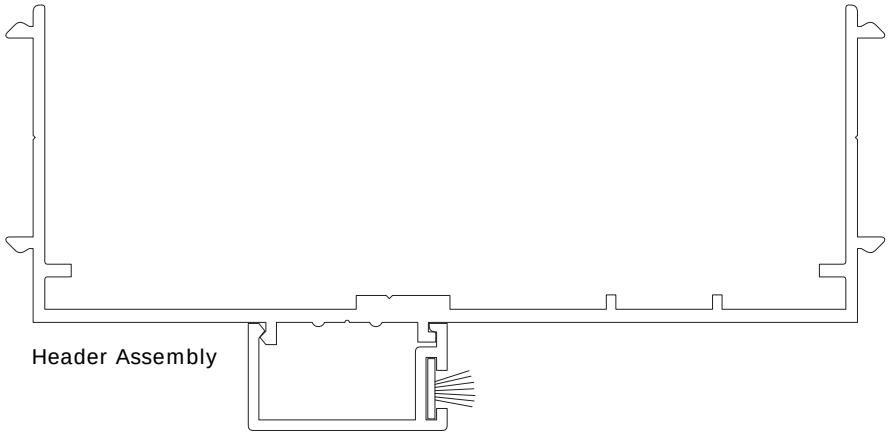
Basic notes concerning the sound rated capabilities

These instructions focus on the details associated with Frameworks' STC-35 rated sidelite frame. For further instructions, reference Frameworks Type 2 clipping diagram and Frameworks Sidelite Frame Installation Instructions. These can be found at www.frameworks.com. - This is a double glazed system comprised of 1/4" laminated glass (office side) and 3/8" tempered glass (corridor side.) - A spacer is factory installed in the glazing channel to keep the glass in the correct position. - Screw size and spacing for this application differ from the standard Frameworks sidelite frame. - Due to the tight fit of glass in the aluminum extrusion, the installed glass should be wet-glazed (siliconized caulk) in lieu of a vinyl gasket. - The maximum door opening size is 4'0" x 9'0" and max glass opening is 7'0" x 9'0". - A maximum of one intermediate mullion is allowed for this application. Alternatively, one butt-joint is allowed.

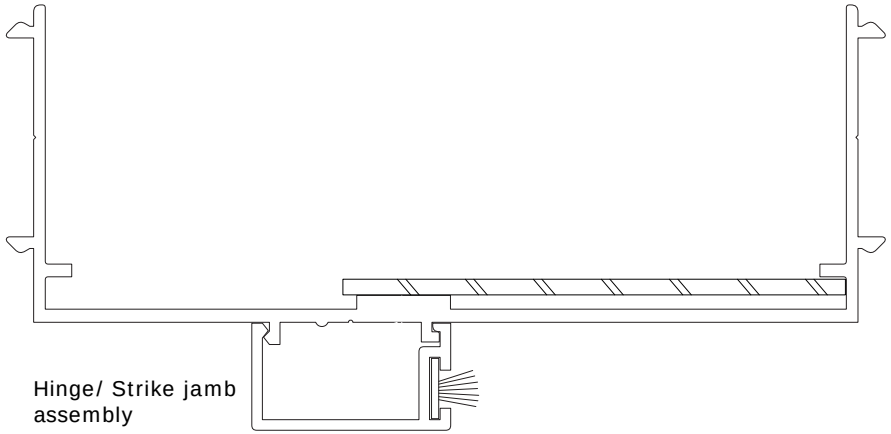
Tools Required: Tape Measure, Level, Plumb Bob, File, Rubber Mallet, Drill, Miter Saw with carbide tipped blade

Field conditions may cause components to be modified to fit. Cutting and notching is to be expected with installation.

Parts List

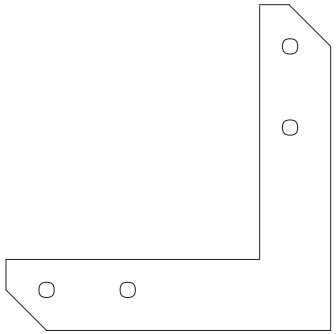


Header Assembly

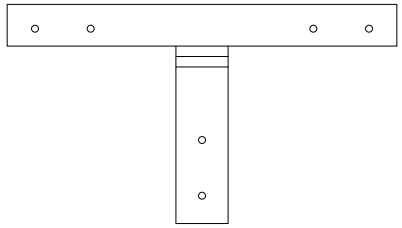


Hinge/ Strike jamb assembly

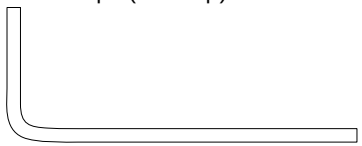
Snap On Trim



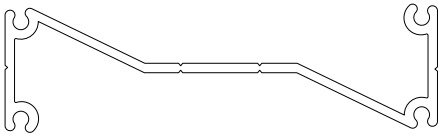
C100ST Angle Plates (Header Clip)



C150ST clips (”T” Clip)



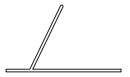
C406ST clips (Mini Clip)



Boss Clip

C210ST clips (Floor Clip)

S44
(provided with door)

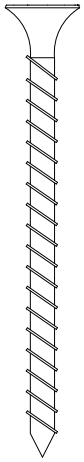


S773
(provided with door)

PK404
(provided installed in door stop)

#8 x 1-1/4” Self Drilling Wafer Head Screws

#6 x 1-5/8” Flat Head Drywall Screws



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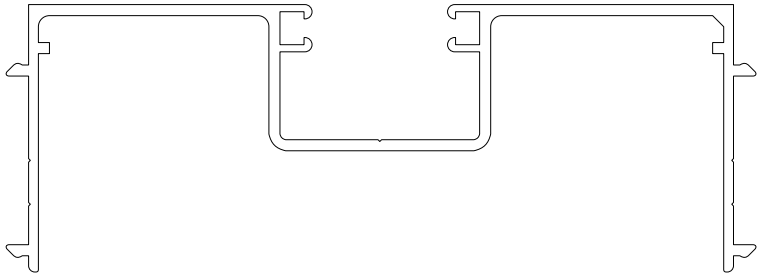
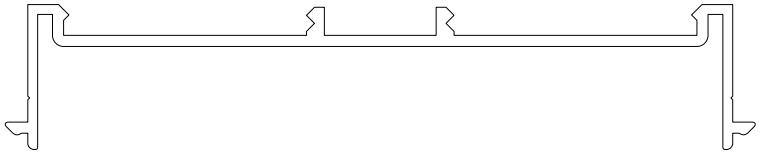
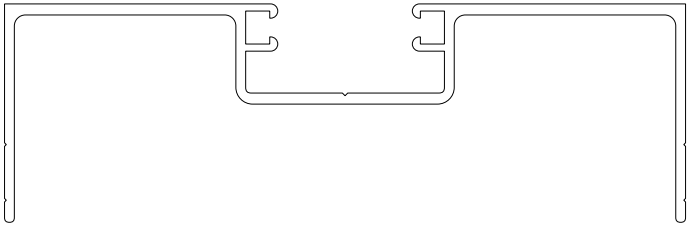


Glass Jamb



Glass Base

Base Setting Channel

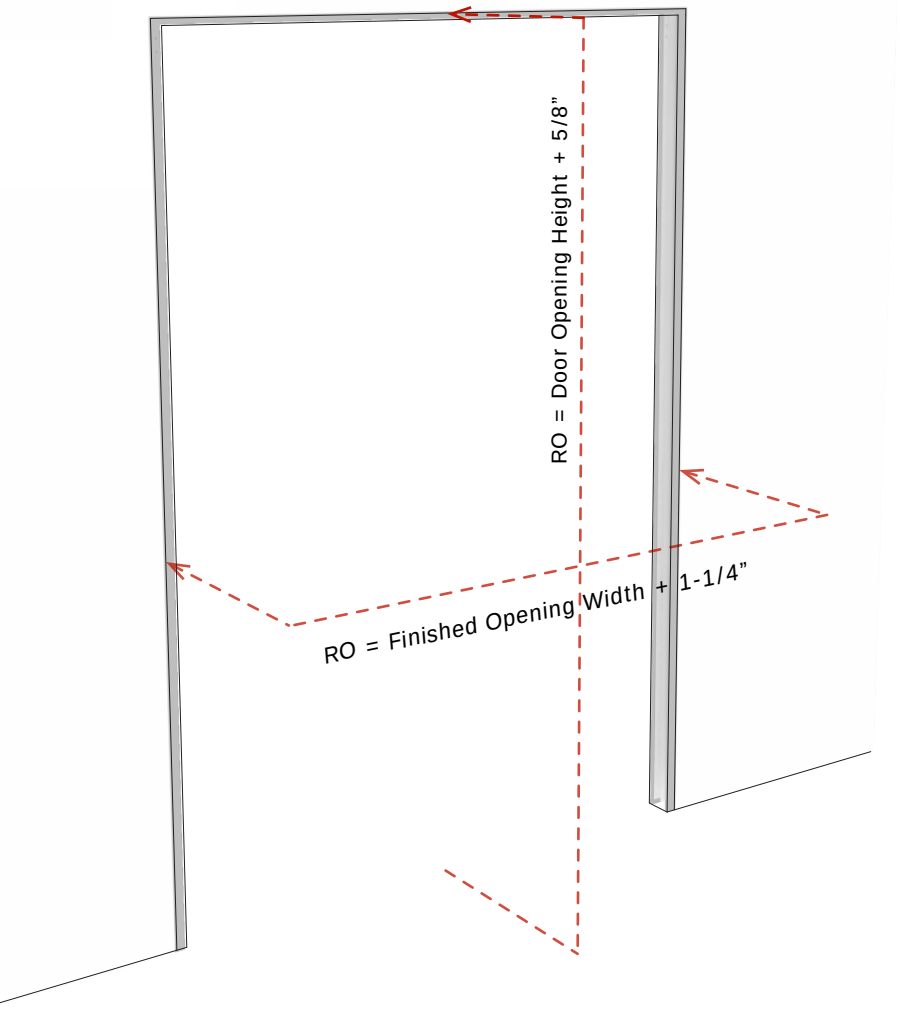


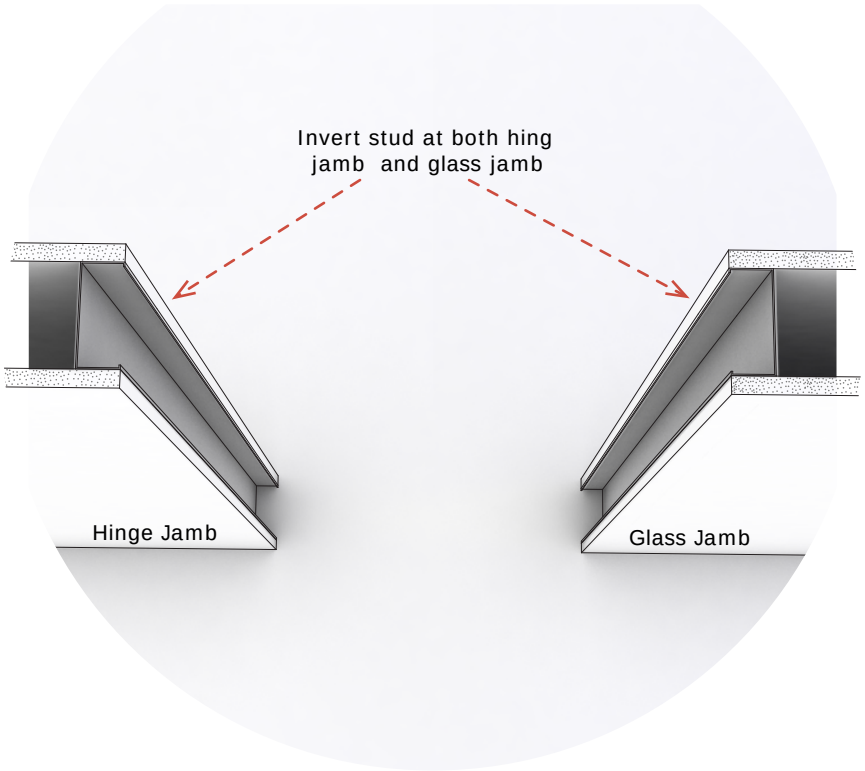
Glass Pocket

Glass Stop

Step 1

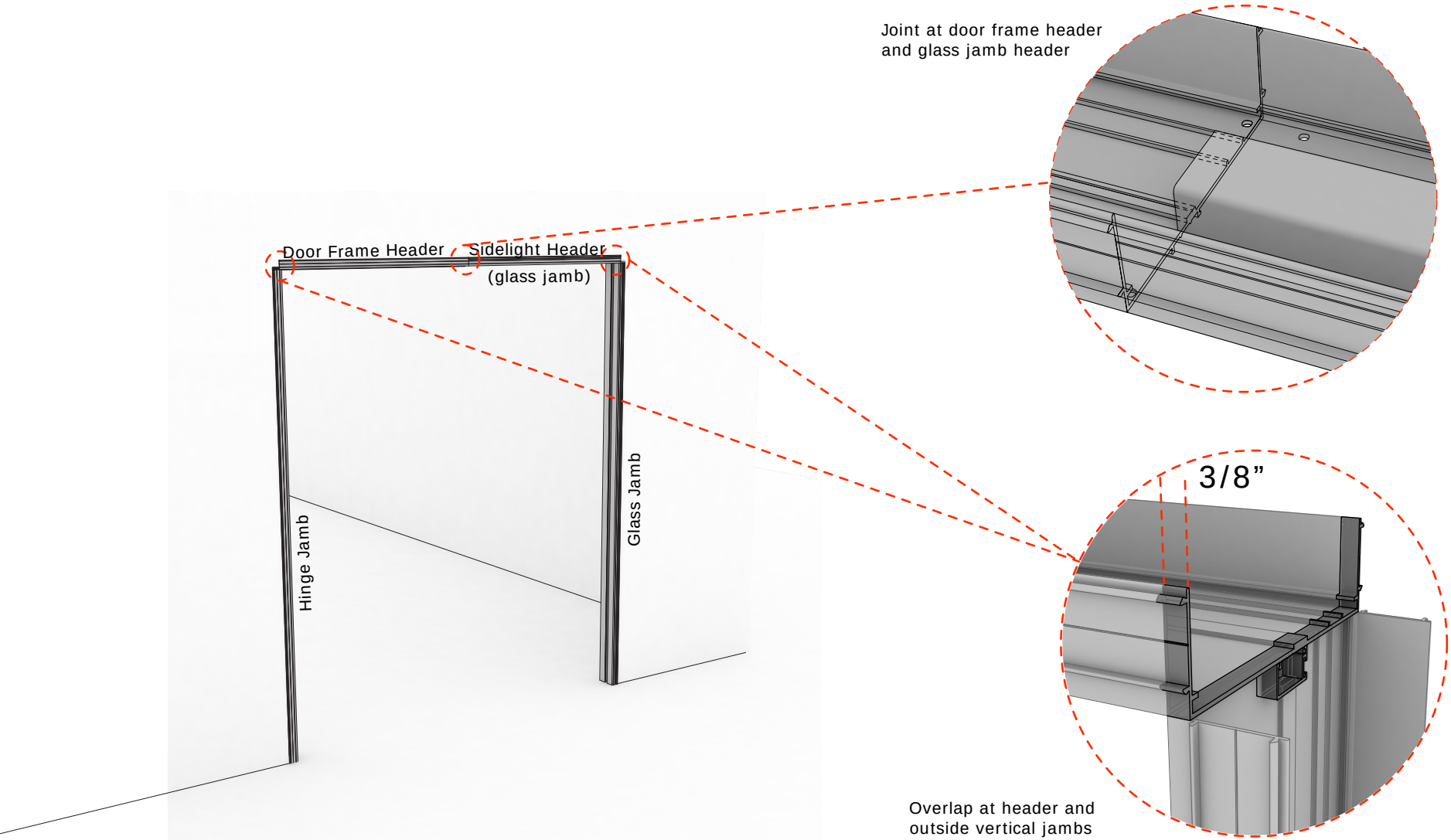
Check dimensions and square of rough opening.
Cut vertical jambs if necessary.





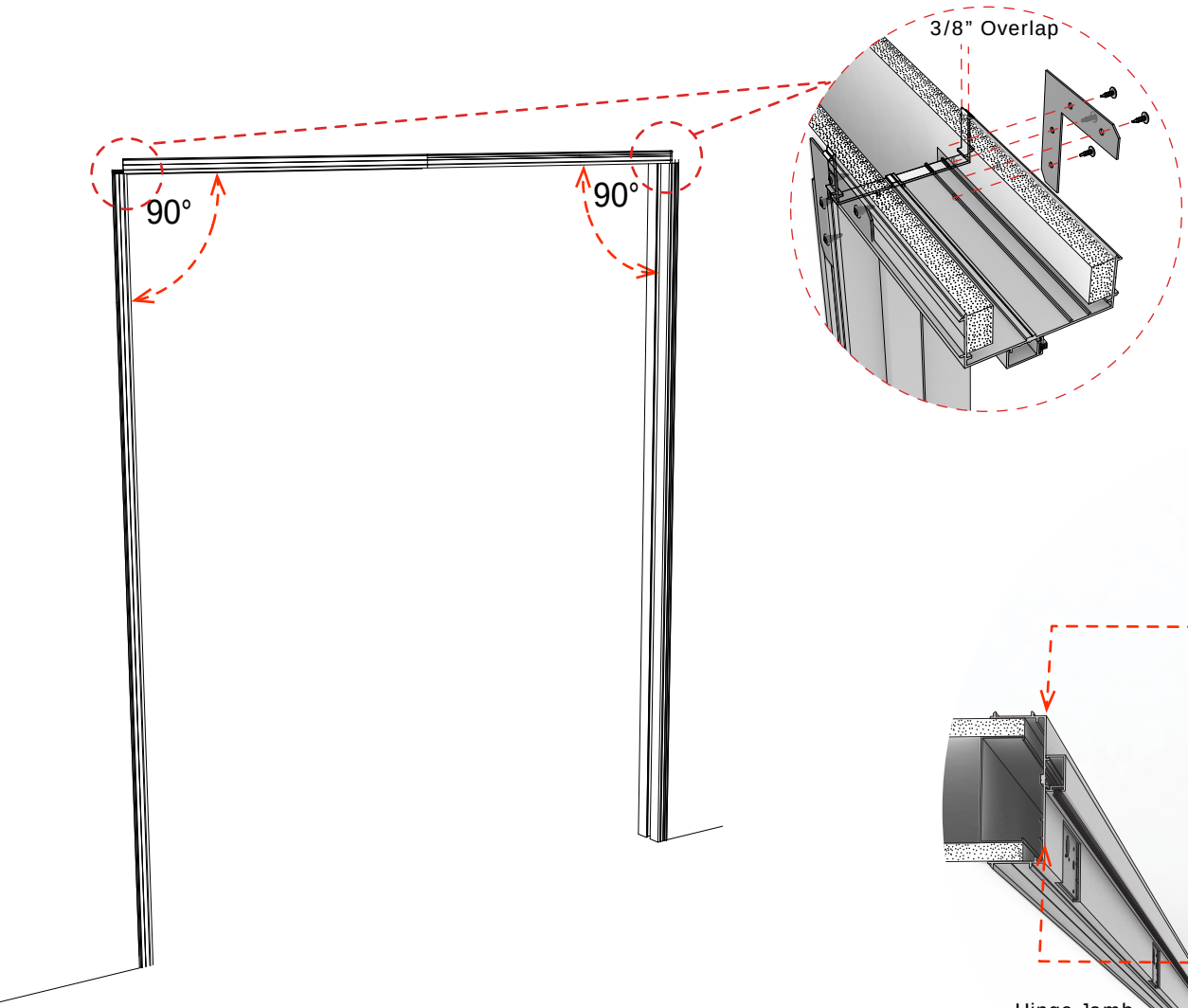
Step 2

Slip header and vertical jambs into opening -
Header will overlap jambs 3/8”.

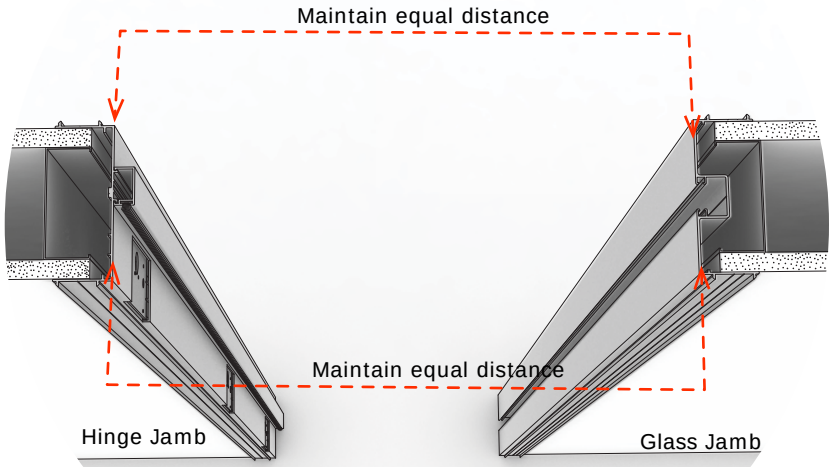


Step 3

Align to scheduled opening width and height, achieveing equal wall capture on both jamb legs. Check level of header, square and plumb jamb legs, then secure with C100ST clips.

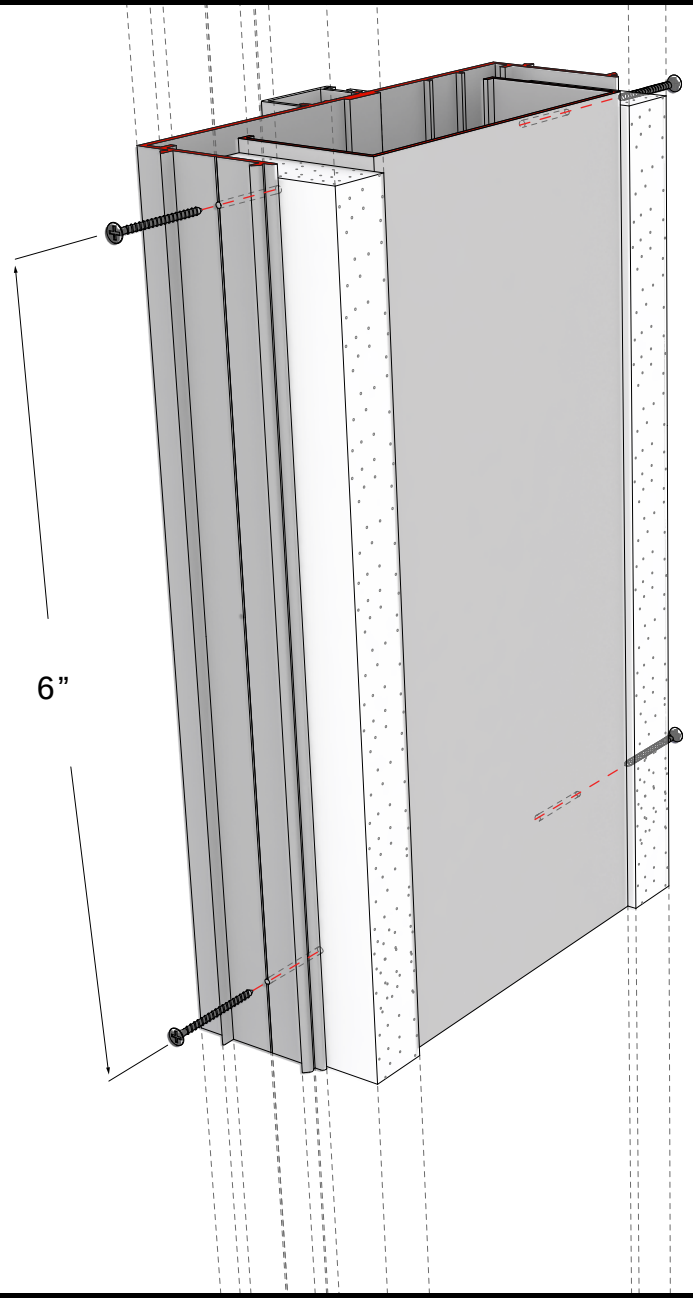


Attach 4 C100ST angle clips at corners of head condition



Step 4

Check square, plumb and opening width. Anchor hinge jamb and header to wall using #6 x 1-5/8” drywall screws nearest top and bottom of each hinge and 6” OC elsewhere. Attachment should roughly align on both front faces.

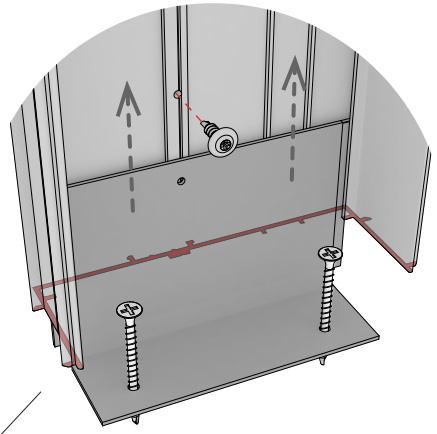


*Do not attach vertical glass jamb to drywall partition until all horizontal components are installed.

Step 5

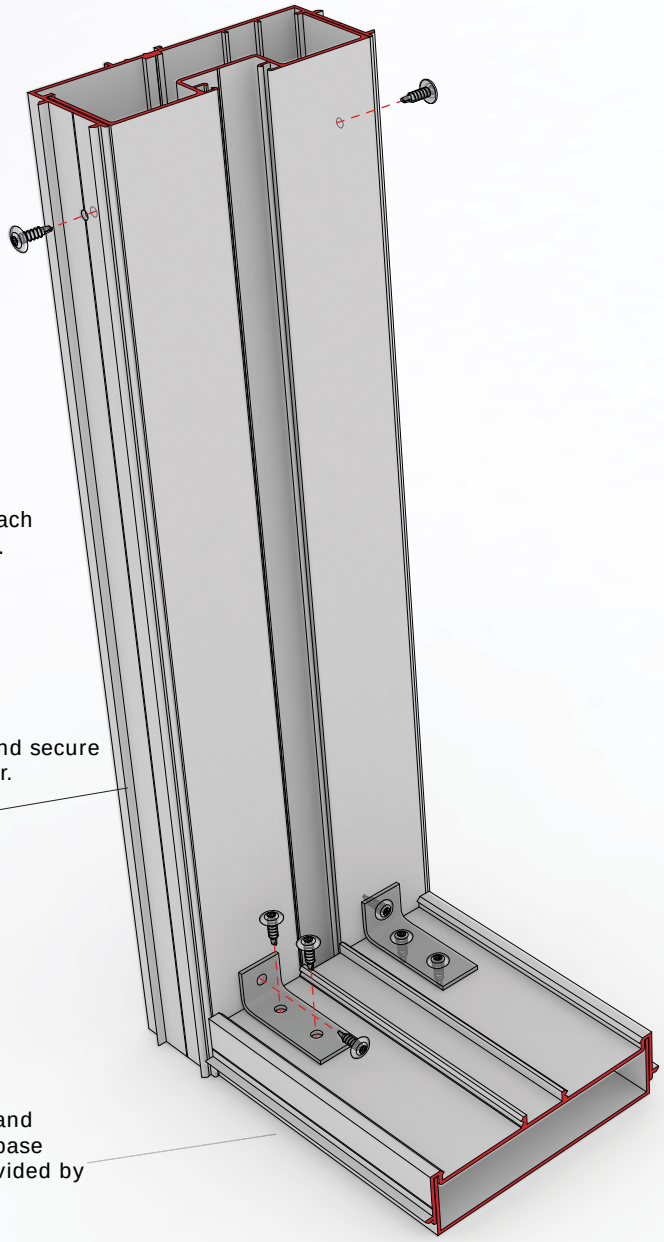
Install strike mullion, followed by glass base.

Secure strike mullion to head condition using either C150ST or BOSS Clip (see clipping diagram)



Slip C210ST (floor clip) into strike jamb and attach with 1/2” tek screw, then secure anchor to floor.

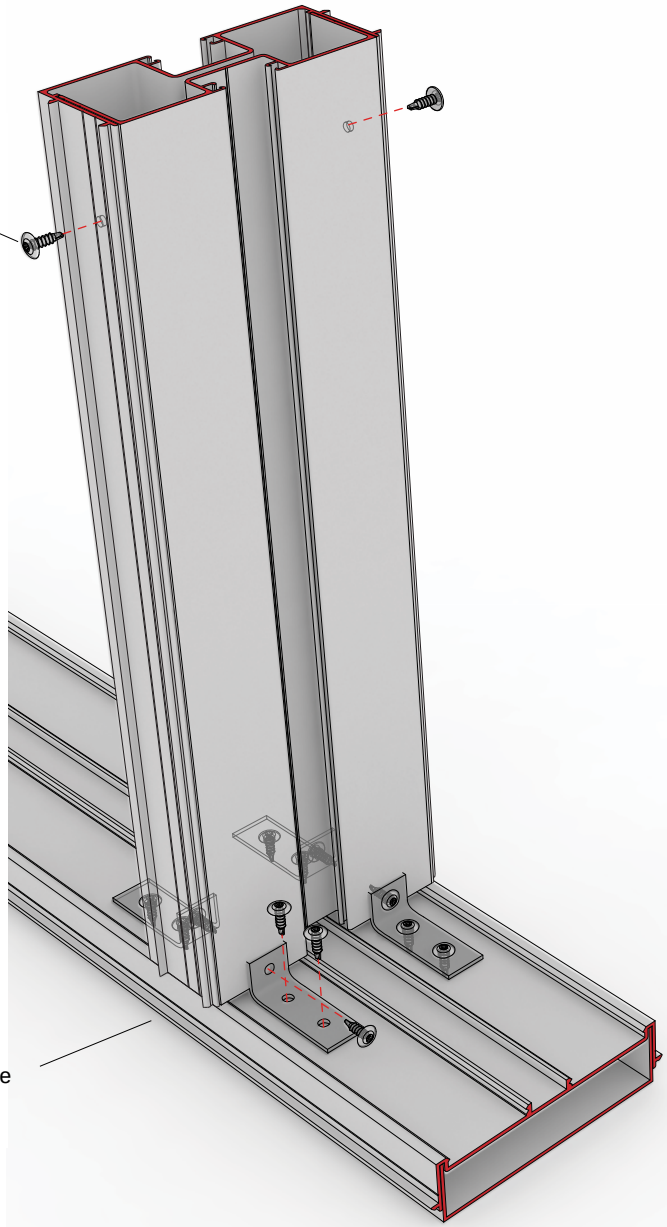
Slide glass pocket into strike jamb and secure with 1/2” tek screws at 18” on center.



Install glass base between strike mullion and glass jamb (see clipping diagram). Glass base typically sets on base setting channel provided by Frameworks.

Step 6

Install intermediate vertical glass mullion (if required.) Secure to header using T-Clips or Boss Clip and attach to glass base with four C406ST clips (see clipping diagram.)

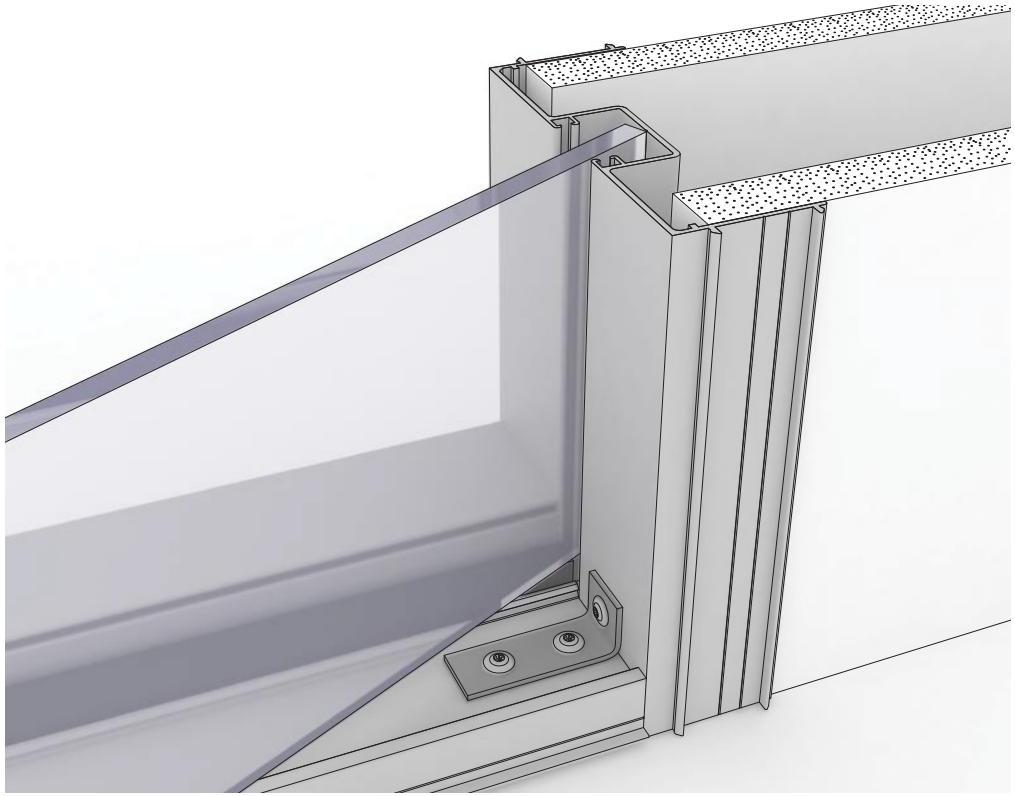


Insert glass pocket into glass jamb and secure with 1/2” tek screws at 18” on center

This condition requires the base trim to be notched to bipass the vertical mullion.

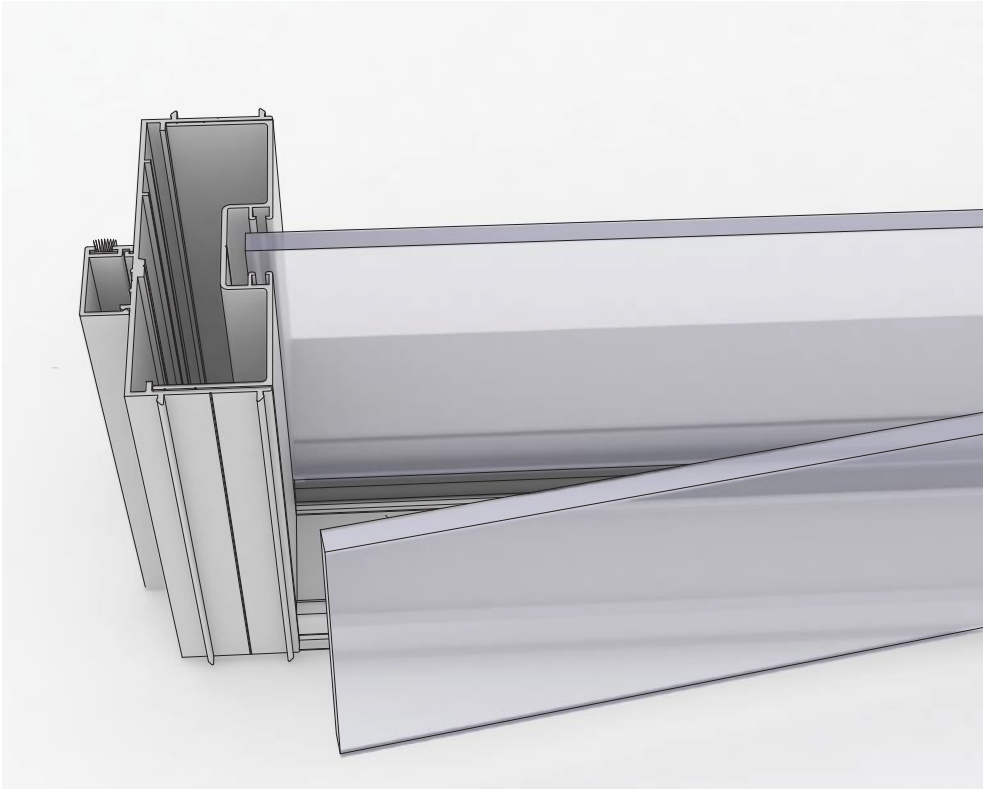
Glazing

With glass stops removed, install one side of the glass first by sliding the glass all the way into the glazing channel of the glass jamb, then pivot the glass so that it installs in the glass pocket and center in the opening.



Note: The clips may need to be removed to allow the glass jamb to be pushed back toward the drywall partition.

Repeat this process for the second side of glass then reinstall the clips and drywall screws if necessary. Each pane of glass should rest outside of the spacer material, allowing for 3/8" air space.



Once glass is in place, install glass stops and trim. Then wet-glaze (siliconized caulk) where the glass meets aluminum and/or butt-joint between glass panels.