

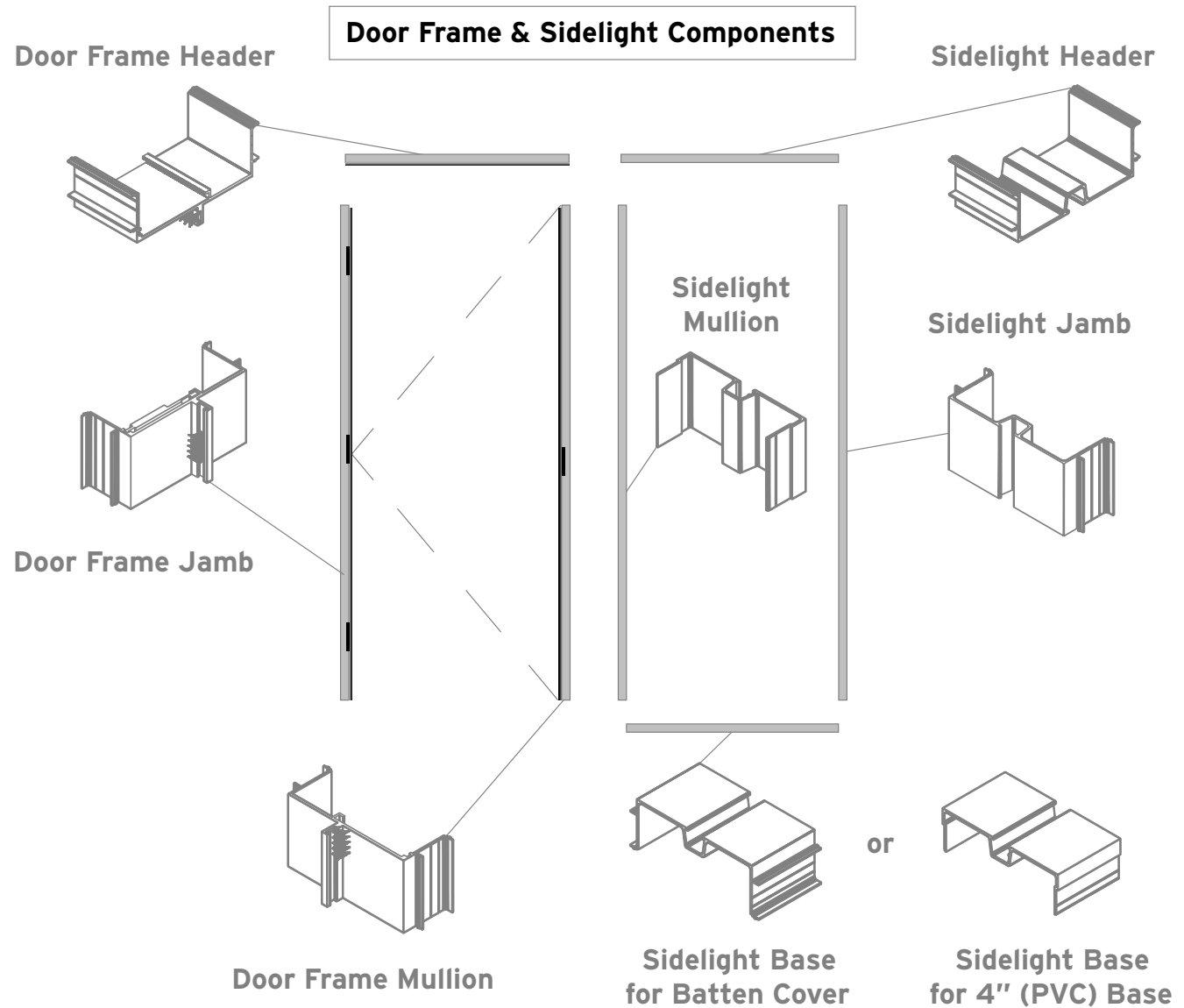
A black and white photograph of a modern office hallway. The hallway features a series of glass-walled offices or meeting rooms. The doors are dark, vertically-slatted, and have silver handles. The glass partitions are frosted. The ceiling has recessed square light fixtures. The floor is covered in a patterned carpet tile. In the background, there is a desk area with a printer and a potted plant.

**INSTALLATION INSTRUCTIONS FOR
ELITE DOOR FRAMES AND GLAZING SECTIONS**

Before installing the PC350 frames, insure you have all the components and have thoroughly read the instructions.

Step 1 Organize your components.

- Door Frame Header;
- Door Frame hinge and strike jambs;
- Sidelight glazing insert for strike jambs;
- Sidelight glazing posts for partition side of sidelight;
- Sidelight headers and sills;
- Batten covers, Batten Savers and mullion junction clips;
- Base and J-hook (if any).

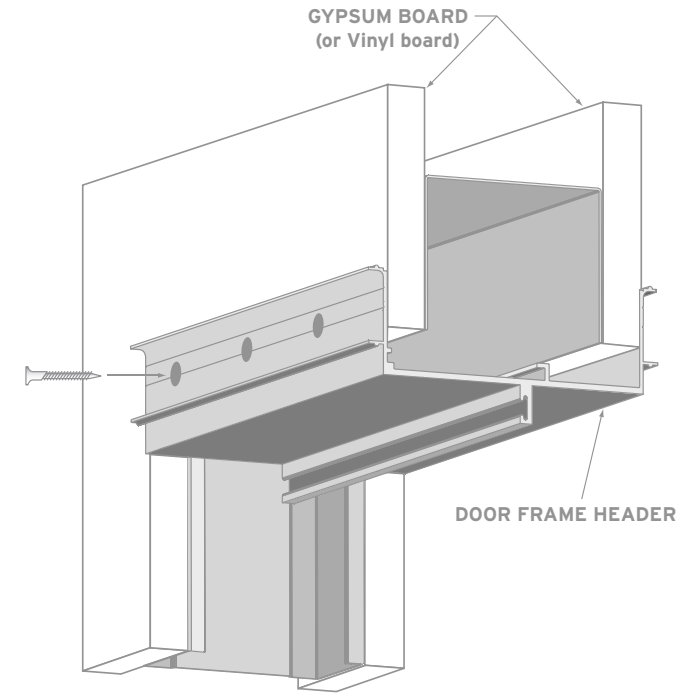
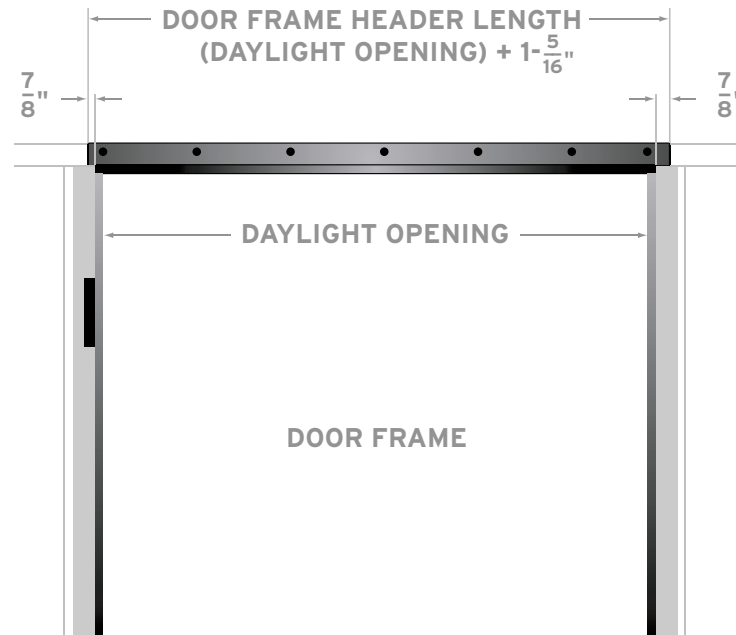


Step 2

Installing the Door Frame Components With or Without a Sidelight.

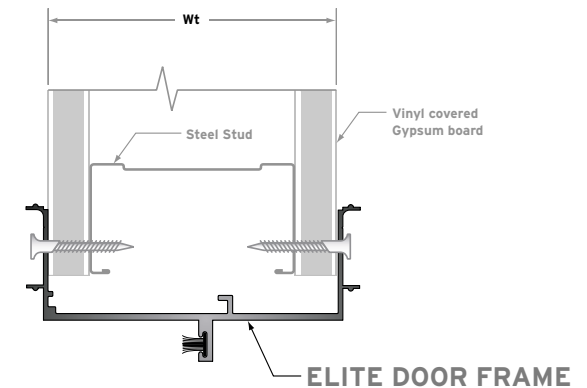
Before installing, determine the height of the frame, for the corresponding door (This is the height of Door Frame header). **OR**, use the specified height outlined in your plan elevations.

- I. The door frame header should be cut to size using the following method: add $1\frac{5}{16}$ " to the daylight opening width, (The daylight opening is usually $\frac{3}{16}$ " larger than the door width.) and cut.
- II. Positioning yourself on one side of the opening, attach the header at the correct height. Level and fasten with either drywall or self tapping metal screws at two points, only to secure its position.
- III. Measure from the underside of the header to the floor. Cut the hinge jamb from the bottom only to the measured size. Install and plumb the jamb using 2 screws, fastening only on the same side as you did the header. The header should bypass the hinge jamb by $\frac{7}{16}$ ". See "figure [a]". NOTE: If you are installing a single door frame without sidelight, skip to step VII.



1st. STEP: INSTALL THE DOOR FRAME HEADER

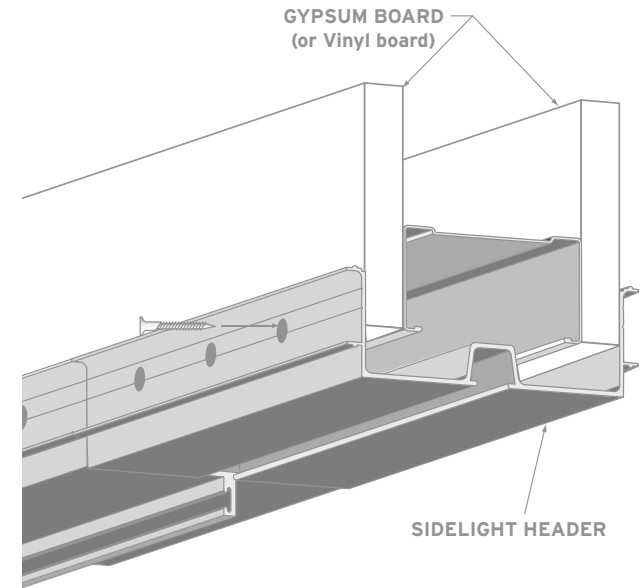
- IV. Continuing to work on the same side of the opening, locate, level and fasten the sidelight header. This header should be cut to its correct size as well, depending on the size of the sidelight width required. Once again, this is the desired daylight opening width plus $1\frac{5}{16}$ ".



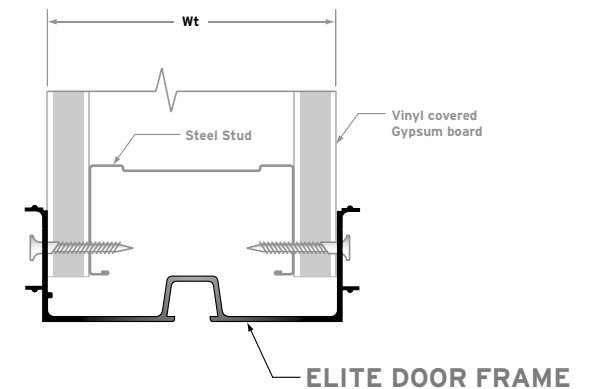
Step 2 Continued.

- V. Moving over to the partition side of the sidelight, cut the sidelight glazing post for the partition side of the sidelight. Do this by measuring from the underside of the header to the floor or rough sill. Cut and install this jamb, plumb using 2 screws. Insure the header bypasses the jamb by $\frac{7}{16}$ ". See "figure [b]"

At this point you should have the perimeter (three sides) of the rough opening framed, with fastening screws on one side only.



2nd. STEP: INSTALL THE SIDELIGHT HEADER



Step 2 Continued.

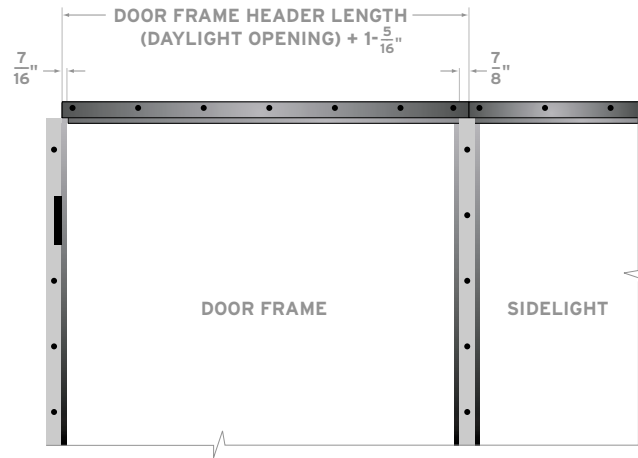
VI. Take the mullion junction clip provided and locate this clip using "figure [c]" as a guide. This will be at the seam of the adjacent headers.

While installing the mullion junction clip, it is very important to insure the following:

- the screw eyelets are on the glazing side and not the door side of the header;
- the die lines of the clip are aligned with the header seam;
- and the clip is centered on the header.

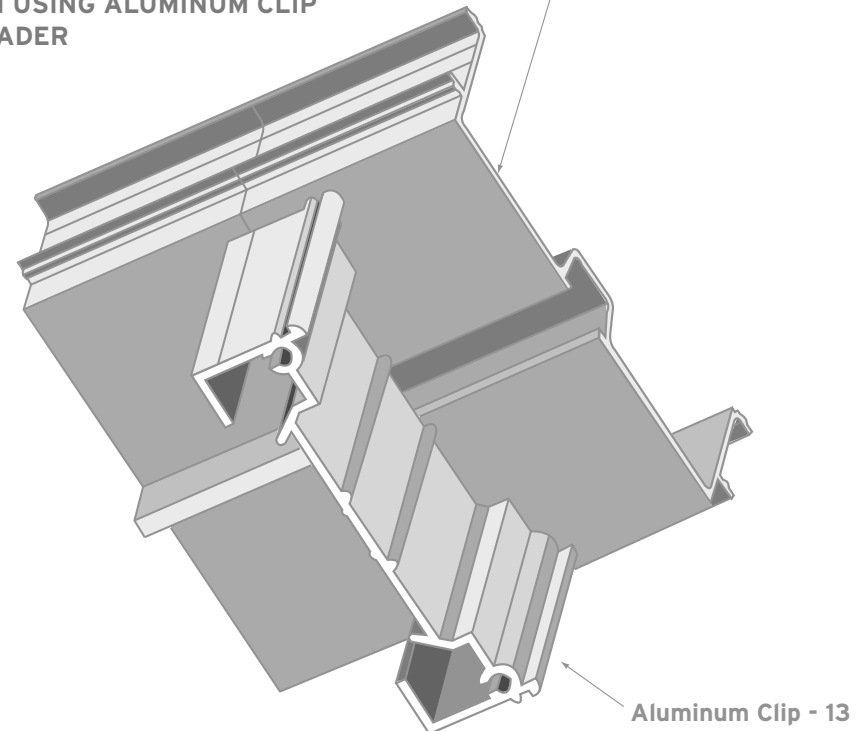
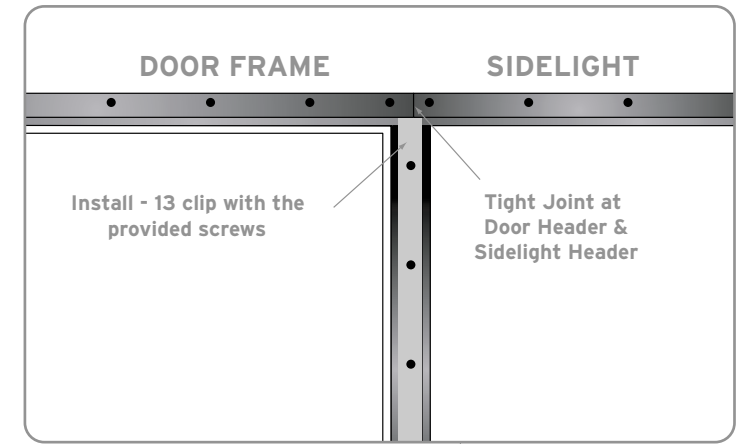
Fasten the clip carefully using the screws provided.

Note: If the clip is not perfectly aligned as per "figure[c]", the mullion will not be centered and will misalign the trim.



5th. STEP: INSTALL THE SIDELIGHT MULLION USING ALUMINUM CLIP
NOTE: SIDELIGHT MULLION BUTTS UP TO HEADER
SEE ATTACHED DETAIL

**DOOR FRAME HEADER,
SIDELIGHT HEADER & CLIP - 13**



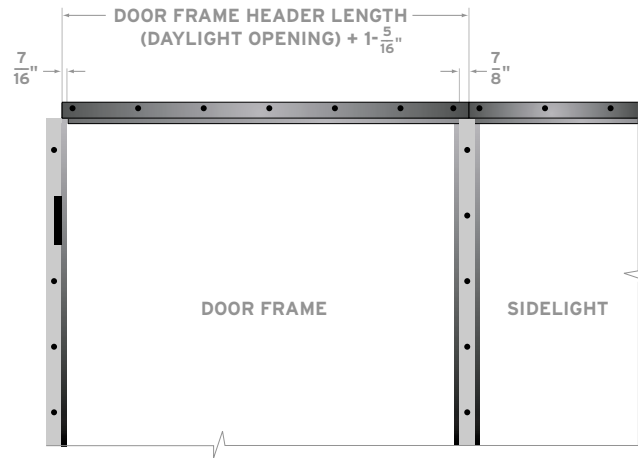
Aluminum Clip - 13

Step 2 Continued.

VII. At this stage you can install the strike jamb. Measure from the underside of the header, at the seam of the headers, to the floor. Cut the strike jamb from the bottom only to this measured size and set aside. Measure from the same point at the header to the floor or the rough sill (if any) and cut the glazing insert for the strike jamb, following "figure [d]". Slip the glazing insert over the clip and let stand. The strike jamb can be installed around the glazing insert, creating a two piece mullion. Insuring the top of the mullion is tight to the header, wrap the strike jamb around the rough sill, plumb, square and fasten using one screw per side at the base.

Note: If the elevation does not call for a sill, a mullion junction clip must be fastened to the floor using a plumb bob, and aligning the two clips (header and floor).

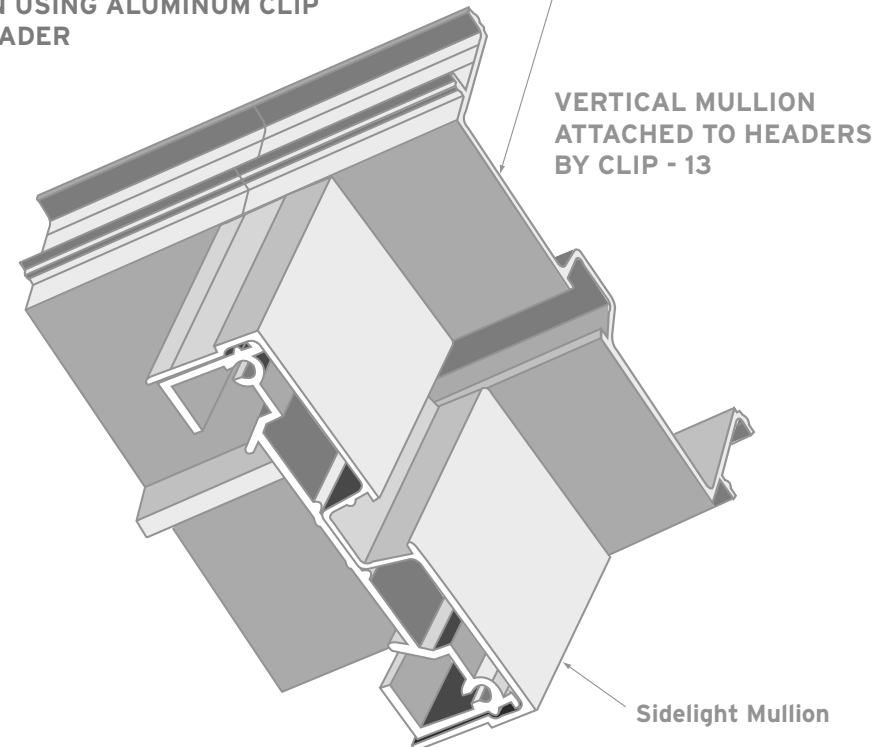
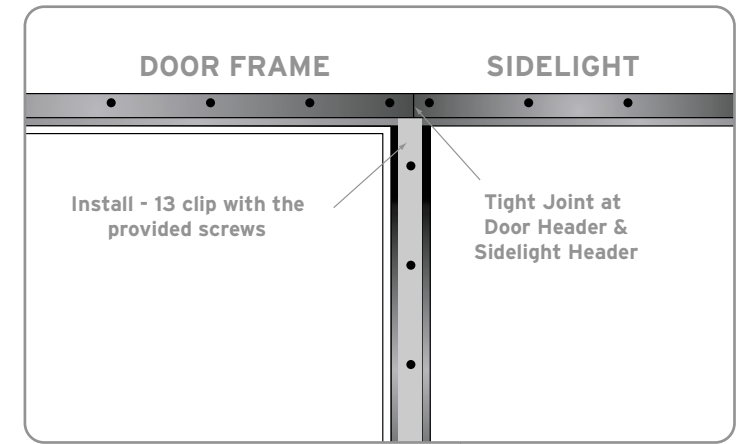
The mullion at the strike side can now be secured together on both sides with fasteners, at 12" on centre. Fasten on both sides at the top, attaching to the junction clip, making certain to pull the header square and tight against the mullion.



5th. STEP: INSTALL THE SIDELIGHT MULLION USING ALUMINUM CLIP
NOTE: SIDELIGHT MULLION BUTTS UP TO HEADER
SEE ATTACHED DETAIL

VIII. Now square the hinge side with the header, as well as the far sidelight partition jamb and secure on both sides (inside and out) at 12" on-centre. You must double up on fasteners where hinges are located.

IX. The sidelight sill can now be measured, cut, installed and fastened at the appropriate height between the two sidelight jambs. The height will be determined by the base specified. If the base is specified as "PC350 4" base (35-6)", then the top of the sill will be approximately $4 \frac{3}{8}$ " from the finished floor.



Step 2

Continued.

At this stage, all the major structural components should be plum square and securely fastened to the partition. The trim and base can now be applied.

- X. PVC trim can be cut to size and snapped on, whereas aluminum trim will require the 'Batten Savers' (35-3S) to be affixed. These items are to be snapped on to the frame at 10"-12" on-centre. Aluminum batten covers are to be snapped on overtop of these Batten Savers.

Where the two outside jambs meet the headers at the $\frac{7}{16}$ " overlap, carefully snip off the two batten "fins" from the header where they interfere with the vertical trims.

If a 4" base is to be applied, cut the J-hook to size and secure it to the rough sill. The bottom of the hook should sit approximately $4\frac{3}{8}$ " below the top of the finished sill.