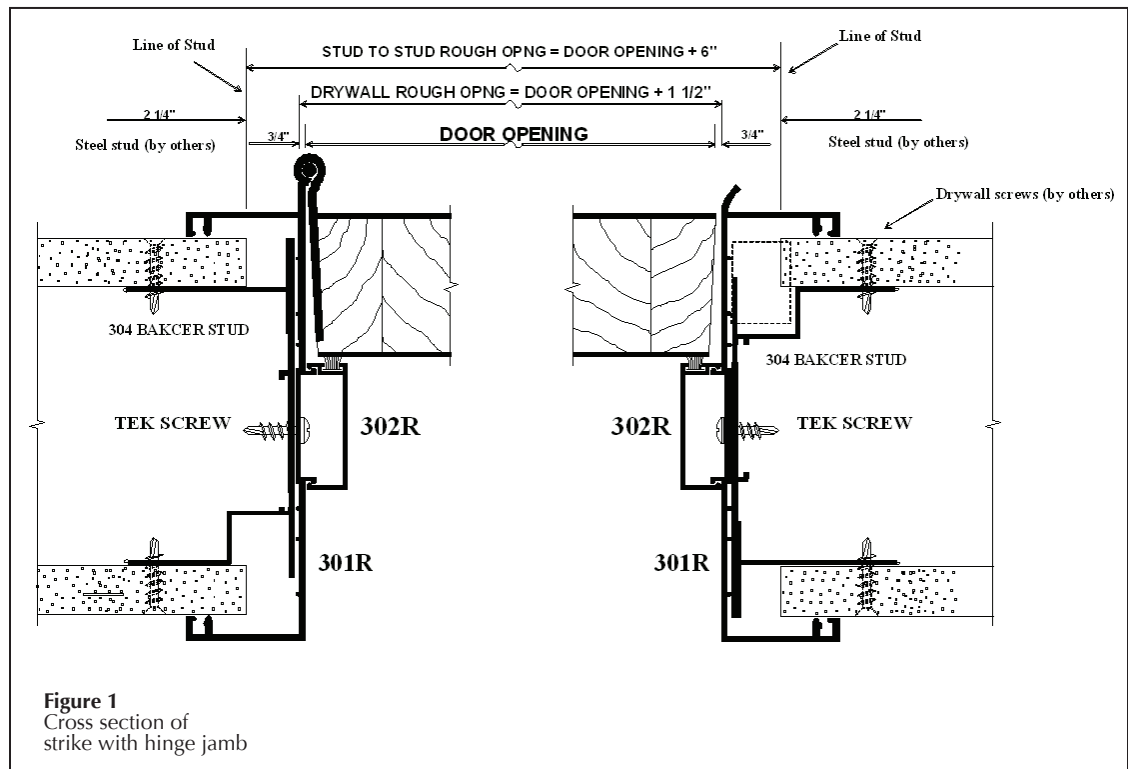


Versatrac™ Conventional Freestanding Quick-Mount Frame

Installation Instructions



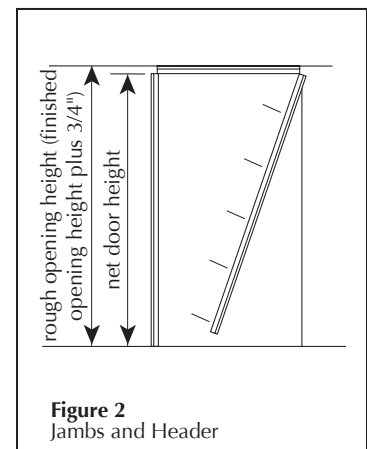
Rough Opening

Rough opening should be 1 1/2" wider than finished opening width (Figure 1). Drywall studs should be set back 2 1/4" each side to accommodate frame's backer stud. Rough opening height should equal finished opening height plus 3/4" (Figure 2).

Typical 3'0" x 9'0":
 Net door width = 2'11 3/4"
 Finished Opening:
 width = 3'0"
 Rough Opening:
 width = 3'1-1/2"

Parts List

- 1 RAF-1 Frame Header with attached clips
- 1 RAF-2 Hinge Jamb with attached segmented backer studs
- 1 RAF-3 Strike Jamb with attached segmented backer studs
- 2 T-10 Self-tapping TEK screws
- 2 Snap-on Door Stops
- 1 K-8 Strike Clip
- 2 T-26 Screws for Strike Clip



Versatrac™ Conventional Freestanding Quick-Mount Frame

Installation Instructions

Follow these steps in order:

Step 1:

For frames with jambs furnished extra length, cut off bottom to desired length.

Step 2:

Position header and jambs in rough opening with header angle clip behind jambs (Figures 3 and 4)

Step 3:

Plumb jambs and anchor by screwing through drywall into backer stud with drywall screws (Figures 3 and 4)

Step 4:

Secure header to jambs by screwing through snap feature of jamb into header clip with T-10 TEK screws.(Figure 4)

Step 5:

Snap door stops on over TEK screws.

Step 6:

Notch drywall at strike cutout for installation of strike clip when strike plate is installed.

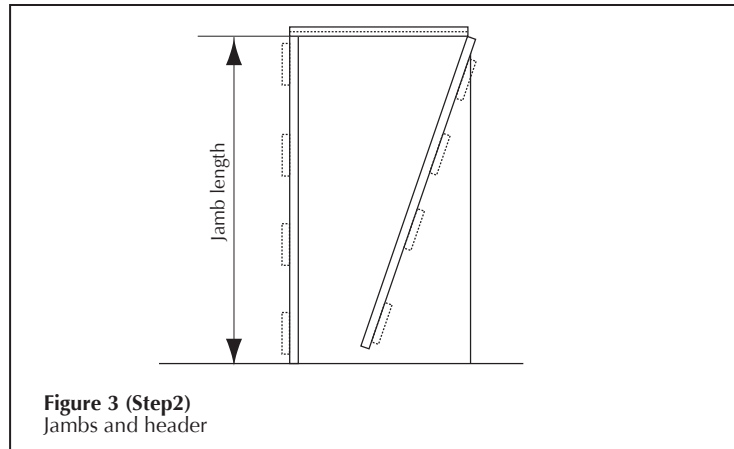


Figure 3 (Step2)
Jamb and header

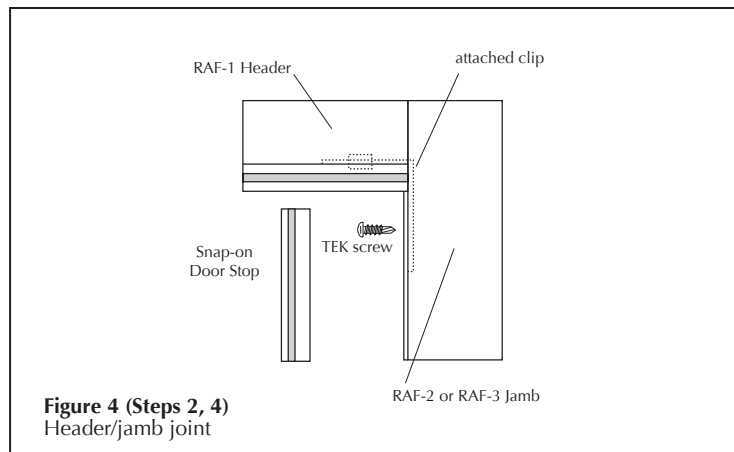


Figure 4 (Steps 2, 4)
Header/jamb joint

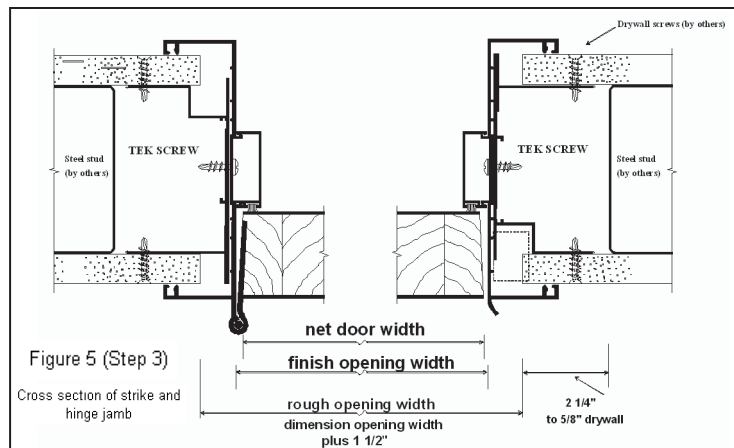
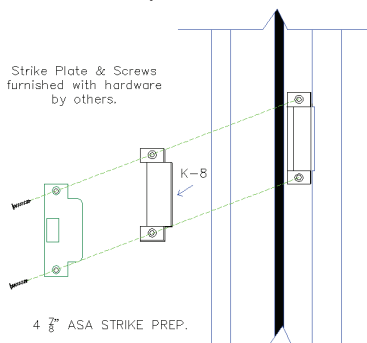
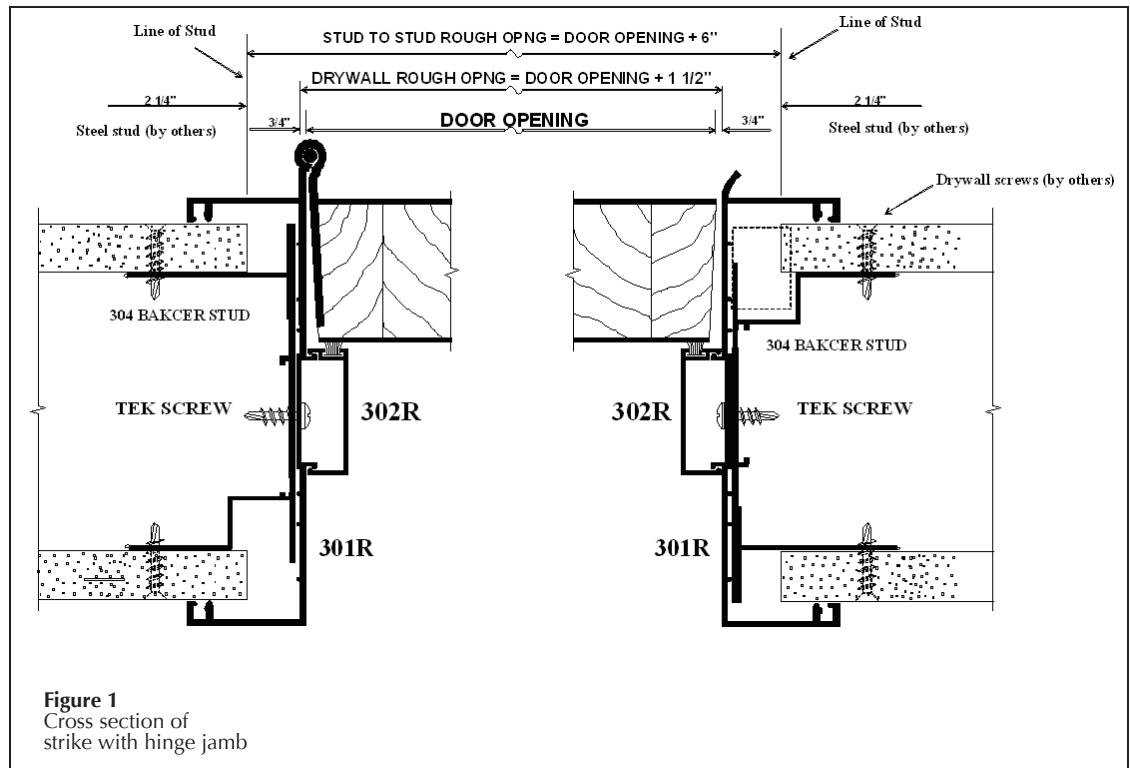


Figure 5 (Step 3)
Cross section of jamb and hinge jamb

Versatrac™ Conventional Freestanding Frame with Full Backer Stud

Installation Instructions



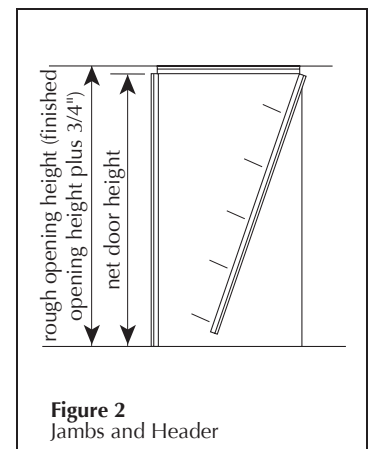
Rough Opening

Rough opening should be 1 1/2" wider than finished opening width (Figure 1). Drywall studs should be set back 2 1/4" each side to accommodate frame's backer stud. Rough opening height should equal finished opening height plus 3/4" (Figure 2).

Typical 3'0" x 9'0":
 Net door width = 2'11 3/4"
 Finished Opening:
 width = 3'0"
 Rough Opening:
 width = 3'1-1/2"

Parts List

- 1 RAF-1 Frame Header with attached clips
- 1 RAF-2 Hinge Jamb
- 1 RAF-3 Strike Jamb
- 2 Full length backer studs
- 18 T-10 Self-tapping TEK screws
- 2 Snap-on Door Stops
- 1 K-8 Strike Clip
- 2 T-26 Screws for Strike Clip



Versatrac™ Conventional Freestanding Frame with Full Backer Stud

Installation Instructions

Follow these steps in order:

Step 1:

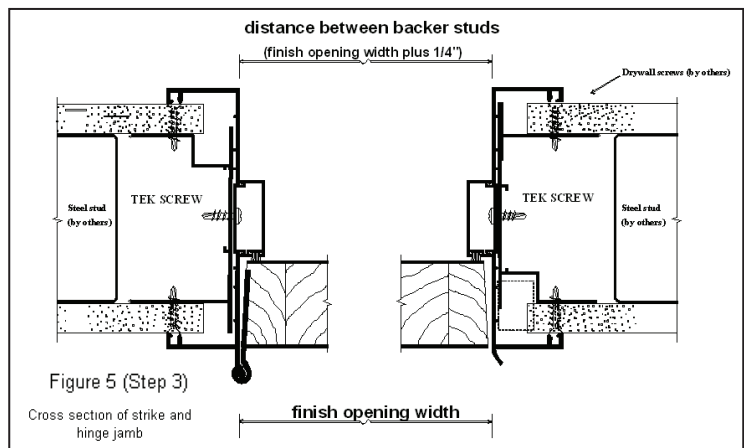
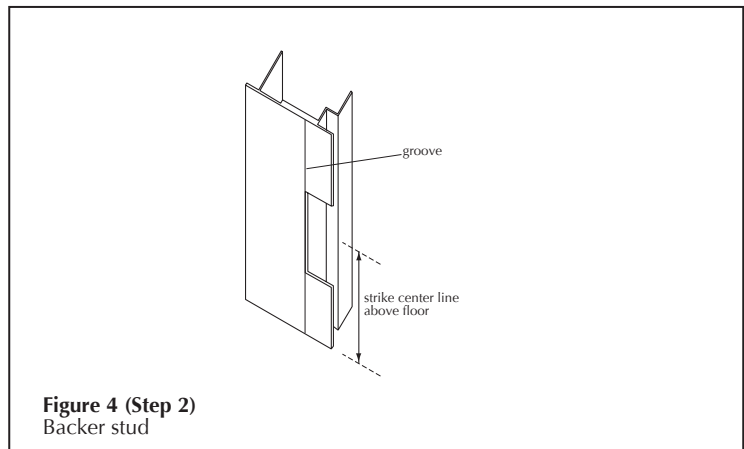
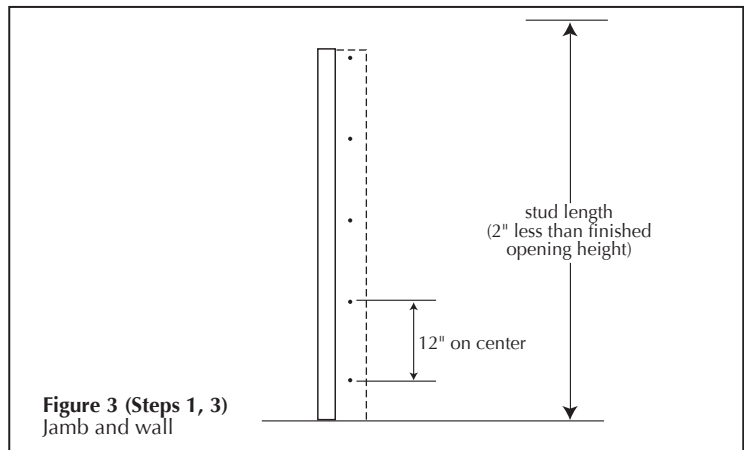
Cut full backer stud to 2" less than finished opening height. (Figure 3)

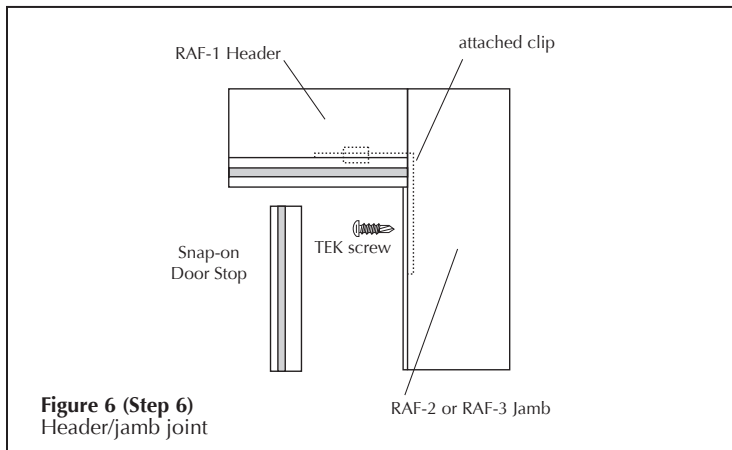
Step 2:

Mark centerline of strike cutout on strike backer stud. Make cutout to accommodate latch by cutting above and below line to breakout groove and breaking out piece. (Figure 4)

Step 3:

Insert backer studs into wall, plumb, and anchor by screwing through drywall into backer stud with drywall screw at 12" o.c. (Figures 3 and 4) Be sure the frame will cover screws when installed. Dimension between backer studs should be 1/4" larger than finished opening width. (Figure 5)





Step 4:

For jambs furnished extra length, cut to desired length.

Step 5:

Position header and jambs in rough opening with header clips behind jambs. Anchor jambs to backer studs with T-10 TEK screws.

Step 6:

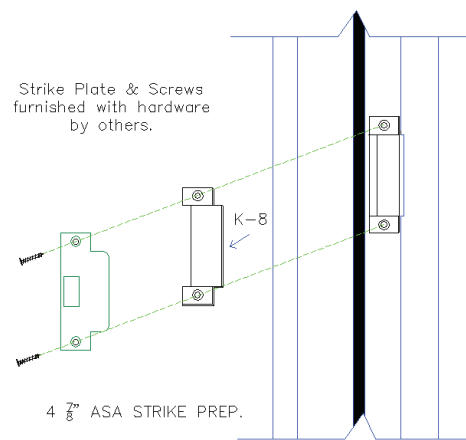
Secure jamb to header clip by screwing through snap feature of jamb into header clip with T-10 TEK screw. (Figure 6)

Step 7:

Snap door stops on over TEK screws.

Step 8:

Notch drywall at strike cutout for installation of strike clip when strike plate is installed.



Versatrac™ Top Track Quick-Mount Frame

Installation Instructions

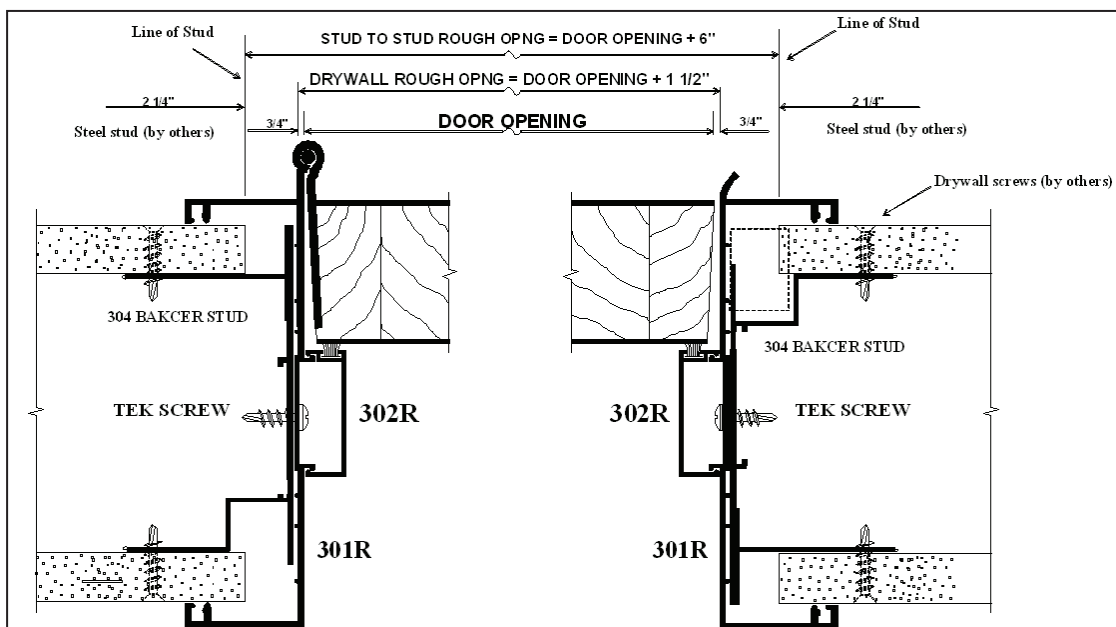


Figure 1
Cross section of
strike with hinge jamb

Rough Opening

Rough opening should be 1 1/2" wider than finished opening width (Figure 1). Drywall studs should be set back 2 1/4" each side to accommodate frame's backer stud. Height of opening is determined by ceiling height. (Figure 2)

Typical 3'0" x 9'0":
 Net door width = 2'11 3/4"
 Finished Opening:
 width = 3'0"
 Rough Opening:
 width = 3'1-1/2"

Parts List

- 1 RCH-4 Snap-in Header
- 1 RCH-2 Hinge Jamb with attached segmented backer studs
- 1 RCH-3 Strike Jamb with attached segmented backer studs
- 2 K-10 Clips
- 6 T-10 Self-tapping TEK screws
- 2 Snap-on Door Stops
- 1 K-8 Strike Clip
- 2 T-26 Screws for Strike Clips

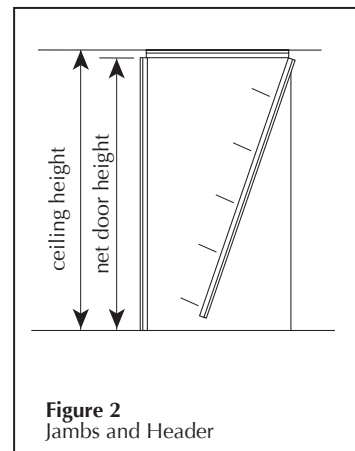


Figure 2
Jamb and Header

Versatrac™ Top Track Frame with Full Backer Stud

Installation Instructions

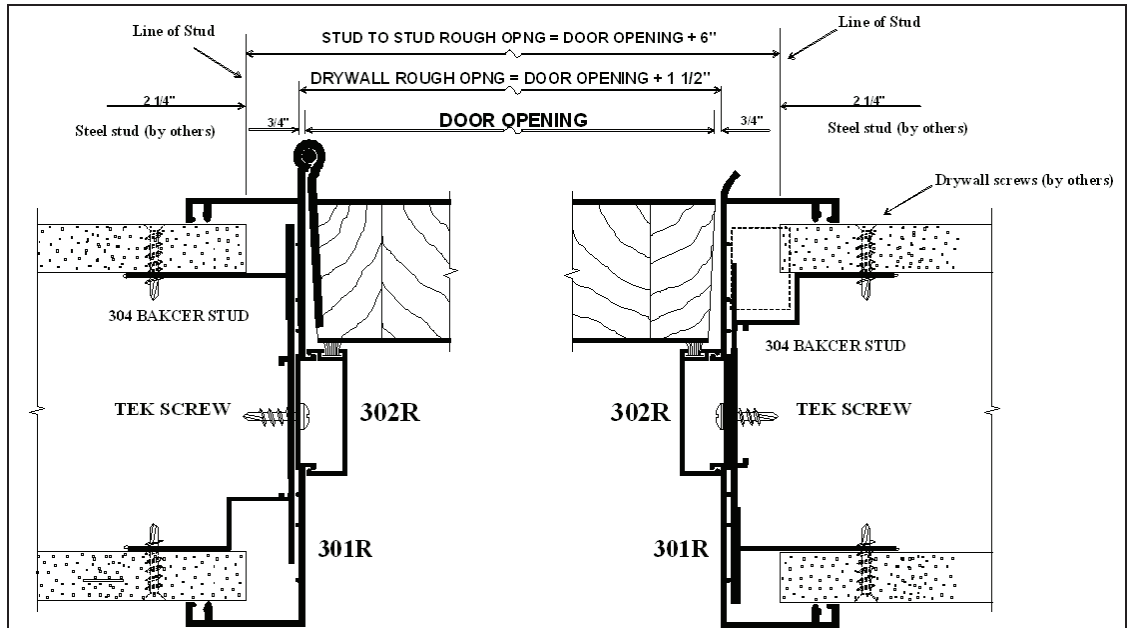


Figure 1
Cross section of strike with hinge jamb

Rough Opening

Rough opening should be 1 1/2" wider than finished opening width (Figure 1). Drywall studs should be set back 2 1/4" each side to accommodate frame's backer stud. Height of opening is determined by ceiling height. (Figure 2)

Typical 3'0" x 9'0":
 Net door width = 2'11 3/4"
 Finished Opening:
 width = 3'0"
 Rough Opening:
 width = 3'1-1/2"

Parts List

- 1 RCH-4 Snap-in Header
- 1 RCH-2 Hinge Jamb
- 1 RCH-3 Strike Jamb
- 2 Full length backer studs
- 2 K-10 Clips
- 20 T-10 TEK screws
- 2 Snap-on Door Stops
- 1 K-8 Strike Clip
- 2 T-26 Screws for Strike Clips

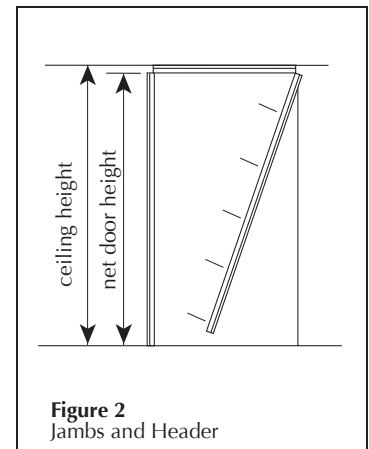


Figure 2
Jamb and Header

Versatrac™ Top Track Frame with Full Backer Stud

Installation Instructions

Follow these steps in order:

Step 1:

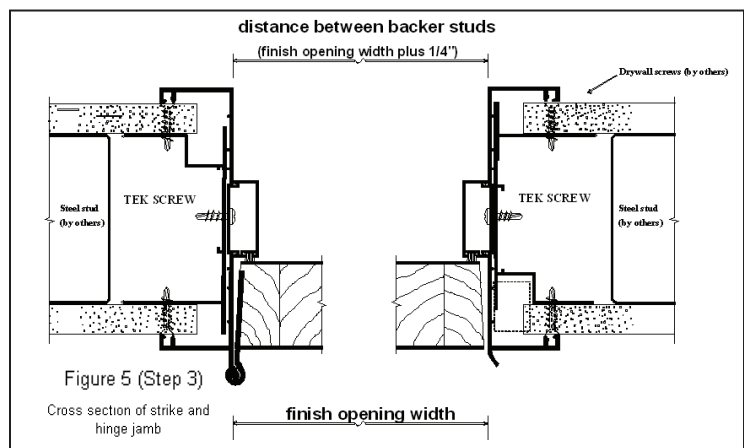
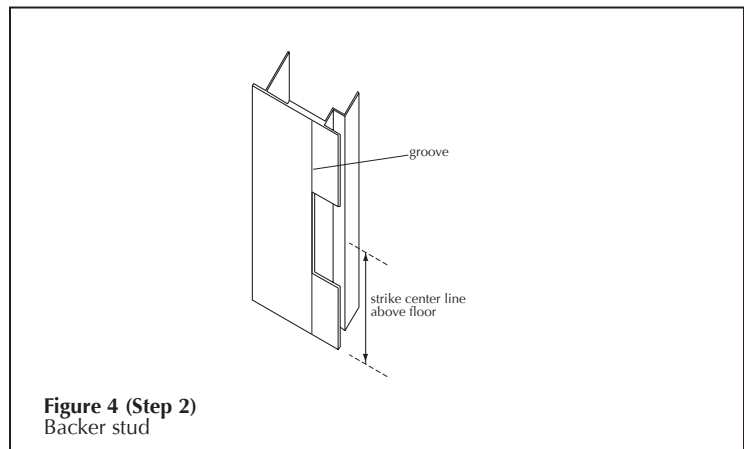
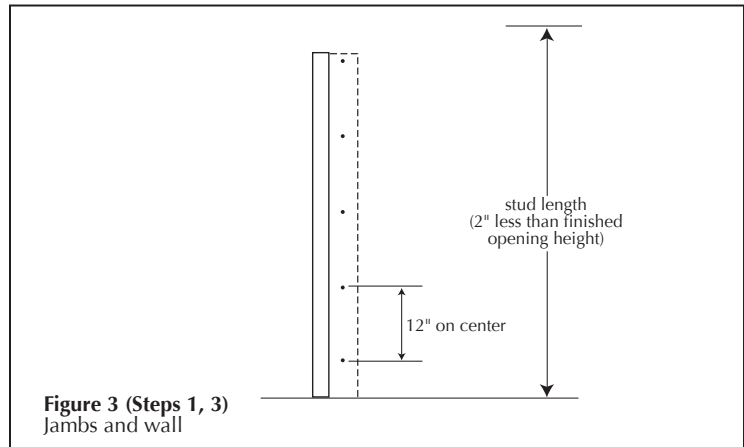
Cut full backer stud to extend 1/2" beyond top of jamb. (Figure 3)

Step 2:

Mark centerline of strike cutout on strike backer stud. Make cutout to accommodate latch by cutting above and below line to breakout groove and breaking out piece. (Figure 4)

Step 3:

Insert backer studs into wall, plumb, and anchor by screwing through drywall into backer stud with drywall screw at 12" o.c. (Figures 3 and 5) Be sure the frame will cover screws when installed. Dimension between backer studs should be 1/4" larger than finished opening width. (Figure 5)



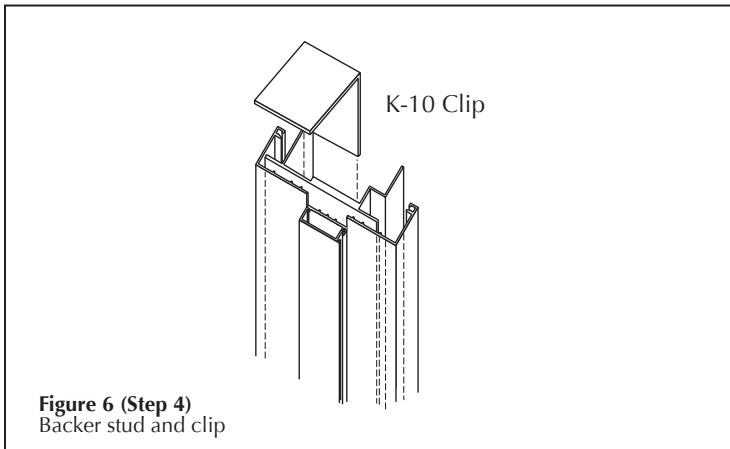


Figure 6 (Step 4)
Backer stud and clip

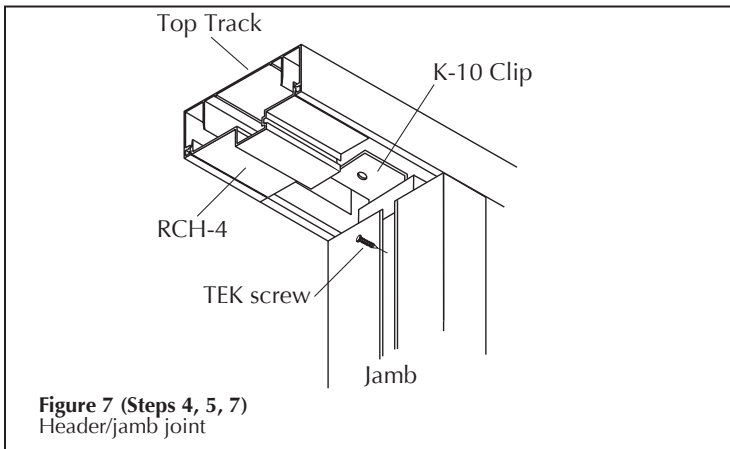


Figure 7 (Steps 4, 5, 7)
Header/jamb joint

Step 4:

Insert K-10 Clip into slot in backer stud with horizontal leg toward opening (Figure 6). Slide clip up against inside of top track and screw through clip into top track from underside with T-10 TEK screws (Figure 7).

Step 5:

Snap in RCH-4 Header (Figure 7).

Step 6:

Cut extra length jambs at bottom to extend from underside of top track to floor.

Step 7:

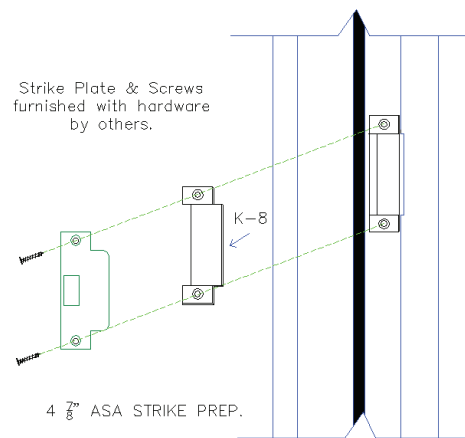
Attach jambs to backer studs using T-10 TEK screws through snap feature of jambs (Figure 7).

Step 8:

Snap door stops on over TEK screws.

Step 9:

Notch drywall at strike cutout for installation of strike clip when strike plate is installed.



Versatrac™ Conventional, Freestanding Frame with Full Length Sidelite One Side

Installation Instructions

Parts List

- 1 RAF-2 Hinge Jamb
 - 1 RCH-3QL Strike Jamb
 - 2 Snap-on Door Stops
 - 1 RCH-4 Snap-in Header
 - 1 311R/411R H-Mullion (used as header)
 - *2 307R/407R Glazing Snap-in Members, nominal lengths
 - *1 306R/406R Glazing Jamb nominal length
 - *1 308R/408R Glazing Sill with 309R/409R and 309RL/409RL Glazing Snaps, nominal lengths
 - 1 K-10 angle clip
 - 1 K-16H head clip for strike
 - 1 K-16S foot clip for strike
 - *6 K-56B clips
 - *20 T-10 TEK screws
 - Glazing Vinyl
- * Quantities change if intermediate mullions are added.

Rough Opening

Rough opening should equal sum of nominal door (finished opening) size, glass opening size, 1 1/2" for each mullion, and 1 1/2" for jamb clearance. Rough opening height should equal nominal door height plus 3/4" to 1". Drywall stud should be set back 2 1/4" from rough opening on door jamb side. Drywall stud at glazing jamb should be even with drywall edge.

Follow these steps in order. See Typical Connections and Conventional Freestanding Sidelight Connections for diagrams.

Step 1:

For frames with extra-length jambs, cut pieces to desired length. (NOTE: Strike jamb between door and glass should be 1 1/2" shorter than hinge jamb, and will be notched to accommodate the stop portion of the snap-in header.)

Step 2:

Insert jamb for drywall side of frame into wall, plumb, and secure by screwing through drywall into backer stud with drywall screws.

Step 3:

Cut 306R/406R glazing jamb to desired length. Mill end to allow it to extend beyond drywall to height of door jamb. (Figure 3-F)

Step 4:

Cut 311R/411R H-mullion to extend between door jamb and glazing jamb. Secure by screwing through rib of H-mullion into drywall header with drywall screws. Attach jamb to H-mullion. (Figure 3-F)

Step 5:

Snap in RCH-4 Header

Step 6:

Insert K-16S foot clip and K-16H head clip into strike jamb. Horizontal leg of clip should be pointing toward glass side. (Figures 1-G and 1-I) Secure top and bottom with TEK screws. Snap in 307R/407R glazing channel.

Step 7:

For intermediate mullions, cut 306R/406R glazing mullion to length. Secure top and bottom with K-56B clips. (Figures 3-E and 1-C) 306R/406R glazing mullion may also be secured to the floor with a K-16S clip. Snap in 307R/407R glazing channel.

Step 8

Cut 307R/407R glazing channel to extend across glass opening at head and snap in.

Step 9:

Cut 308R/408R glazing sill and 309R/409R and 309RL/409RL glazing snaps to extend across the bottom of glass opening. Block underneath (blocking by others) and shoot glazing sill to floor. (Figure 1-D) Leave glazing snaps loose at opening until glass is installed.

Versatrac™ Top Track Frame with Full Length Sidelite One Side

Installation Instructions

Parts List

- 1 RCH-2 Hinge Jamb
 - 1 RCH-3QL Strike Jamb
 - 2 Snap-on Door Stops
 - 1 RCH-4 Snap-in Header
 - 1 303R/403R Top Track (already installed)
 - *2 307R/407R Glazing Snap-in Members, nominal lengths
 - *1 306R/406R Glazing Jamb, nominal length
 - *1 308R/408R Glazing Sill with 309R/409R and 309RL/409RL Glazing Snaps, nominal lengths
 - 1 K-10 angle clip
 - 1 K-16H head clip for strike
 - 1 K-16S foot clip for strike
 - *1 K-2 clip
 - *4 K-56B clips
 - *32 T-10 TEK screws
 - Glazing Vinyl
- * Quantities change if intermediate mullions are added.

Rough Opening

Rough opening should equal sum of nominal door (finished opening) size, glass opening size, 1 1/2" for each mullion, and 1 1/2" for jamb clearance. Rough opening height is determined by ceiling height. Drywall stud at door should be set back 2 1/4" to accommodate frame's backer stud. Drywall stud at glazing jamb should be even with drywall edge.

Follow these steps in order. See Typical Connections and Top Track Sidelite Connections for diagrams.

Step 1:

Cut extra-length jambs to extend from underside of top track to floor. (NOTE: Strike jamb between door and glass will be notched to accommodate the stop portion of the snap-in header.)

Step 2:

For jamb at drywall side of frame, insert K-10 clip into slot of backer stud at top of jamb, place jamb in wall and plumb. Secure by running drywall screws through drywall into backer stud. Slide K-10 clip up to underside of top track and secure with T-10 TEK screws. Secure clip to jamb by running TEK screw through snap feature of jamb into clip.

Step 3:

Snap in RCH-4 header.

Step 4:

Insert K-16H head clip in head of strike jamb and K-16S foot clip in foot of strike jamb. Horizontal leg of clip should be pointing toward glass side. (Figures 1-G and 1-H) Secure top and bottom clips with TEK

screws. Snap in 307R/407R glazing channel.

Step 5:

Cut 306R/406R glazing mullion to length. Insert into top track and secure at top with K-2 clip and at bottom with K-56B clips. (Figures 1-D and 2-A)

Step 6:

For intermediate mullions, cut 306R/406R glazing mullion to length. Secure top with K-2 clip and bottom with K-56B clips. (Figures 1-C and 2-A) 306R/406R may also be secured to the floor with K-16S clip. Snap in 307R/407R glazing channel.

Step 7:

Cut 307R/407R glazing channel to extend across glass opening at head and snap in.

Step 9:

Cut 308R/408R glazing sill and 309R/409R and 309RL/409RL glazing snaps to extend across the bottom of glass opening. Block underneath (blocking by others) and shoot glazing sill to floor. (Figure 1-D) Leave glazing snaps loose at opening until glass is installed.

Typical Connections

Horizontal Mullion to Jamb/Intermediate Vertical Mullion

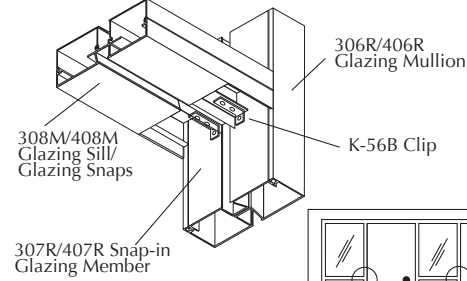
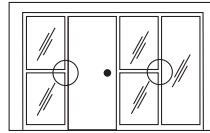


Figure 1-A



Intermediate Vertical Mullion to Floor

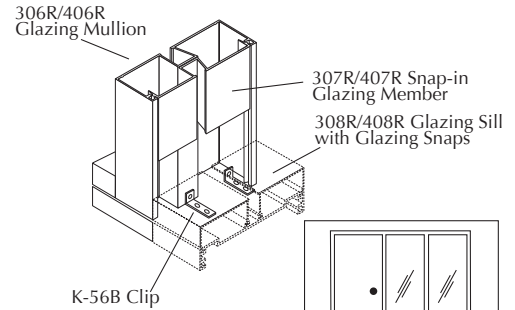
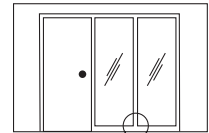


Figure 1-C



Glazing Jamb to Floor

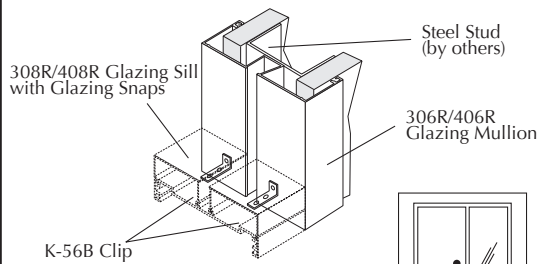
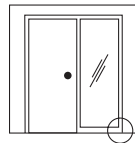


Figure 1-D



Transom Bar to Jamb

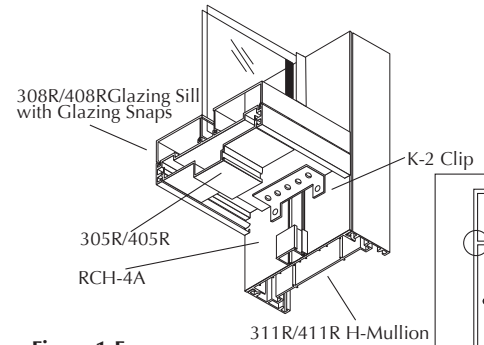
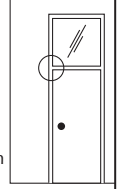


Figure 1-E



Glazing Jamb and Sill at Wainscoting

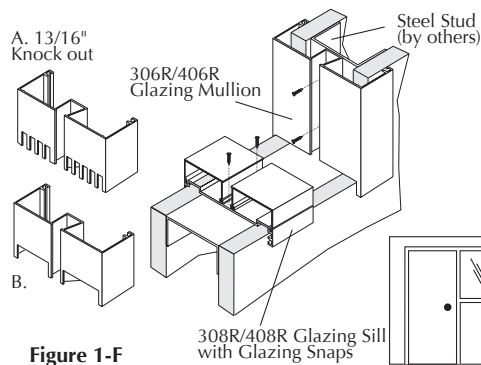
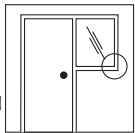


Figure 1-F



Suggested Milling Procedures

A. Make saw cuts with chop saw and break pieces off.

B. Cut glazing pocket out with hacksaw or cut continually with chop saw to remove material.

Typical Connections

Sidelite Jamb to Floor (using K-16S Clip)

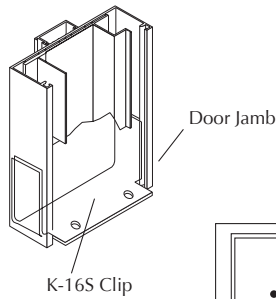


Figure 1-G

Top Track to Sidelite Jamb (using K-16H Clip)

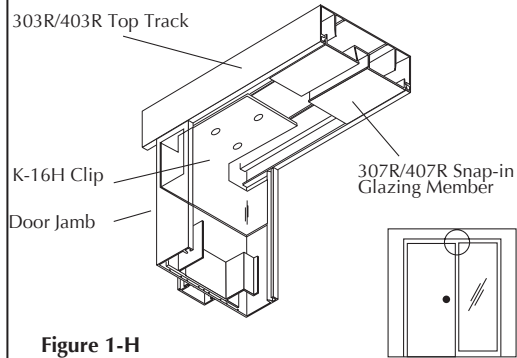


Figure 1-H

H-Mullion Header to Sidelite Jamb (using K-16H Clip)

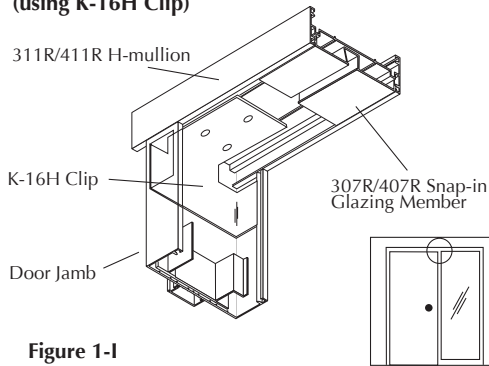


Figure 1-I

Intermediate Vertical Mullion to Sill

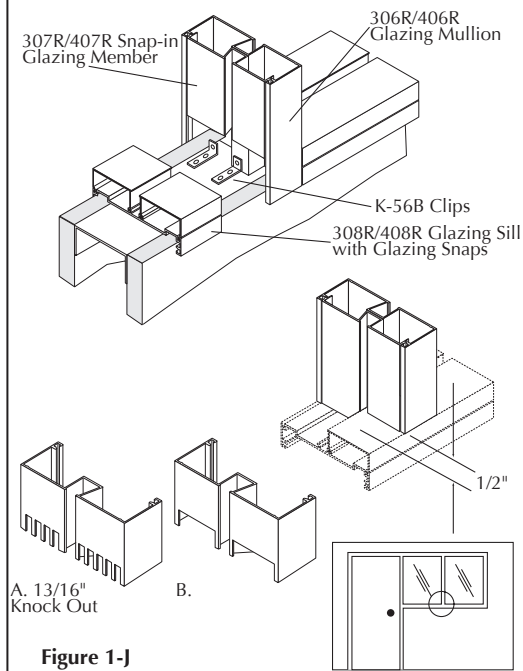


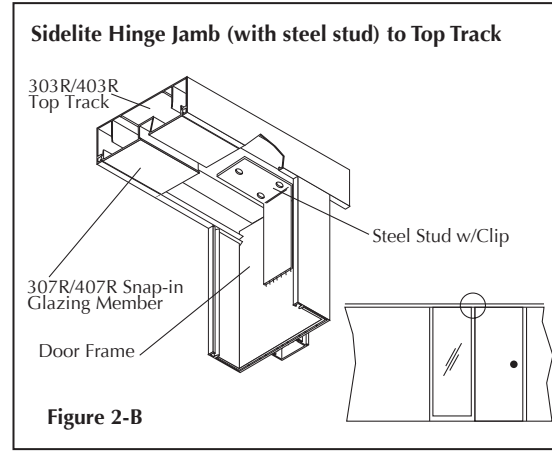
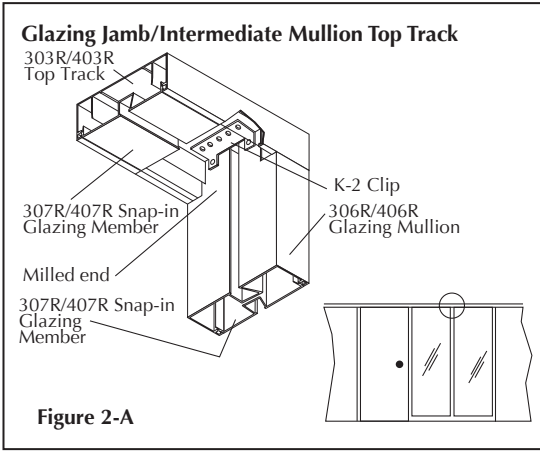
Figure 1-J

Suggested Milling Procedures

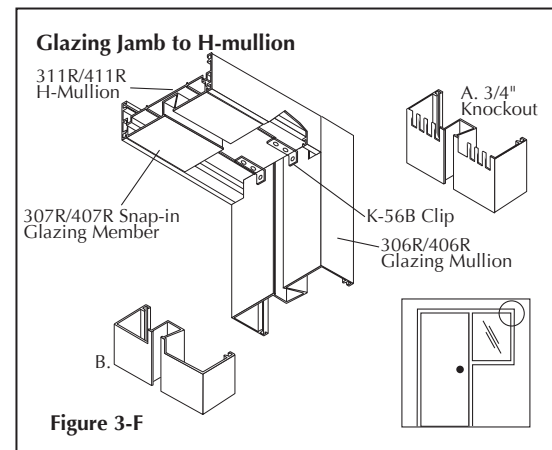
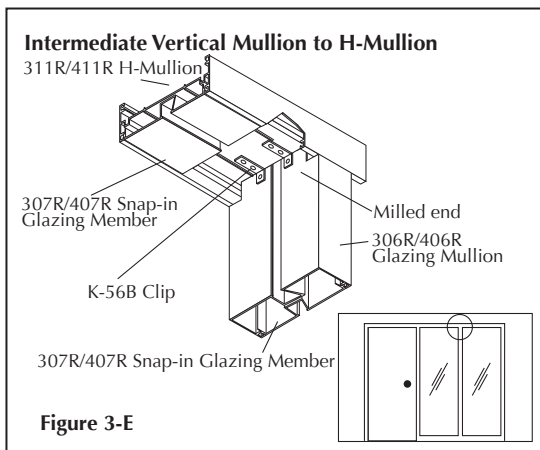
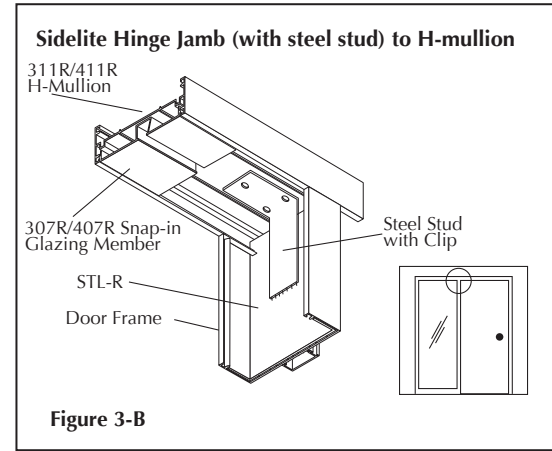
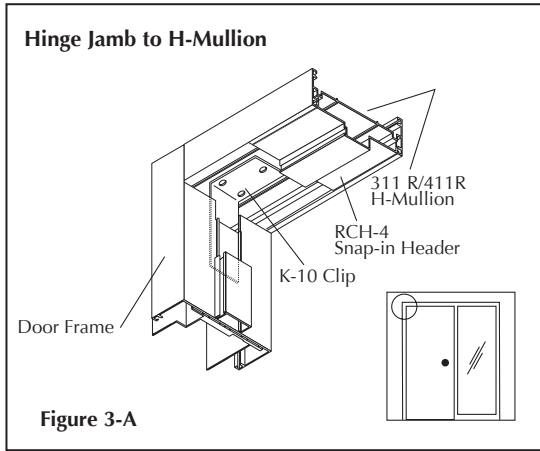
A. Make saw cuts with chop saw and break pieces off.

B. Cut glazing pocket out with hacksaw or cut continually with chop saw to remove material.

Top Track Sidelite Connections



Conventional, Freestanding Sidelite Connections



Suggested Milling Procedures

A. Make saw cuts with chop saw and break pieces off.

B. Cut glazing pocket out with hacksaw or cut continually with chop saw to remove material.