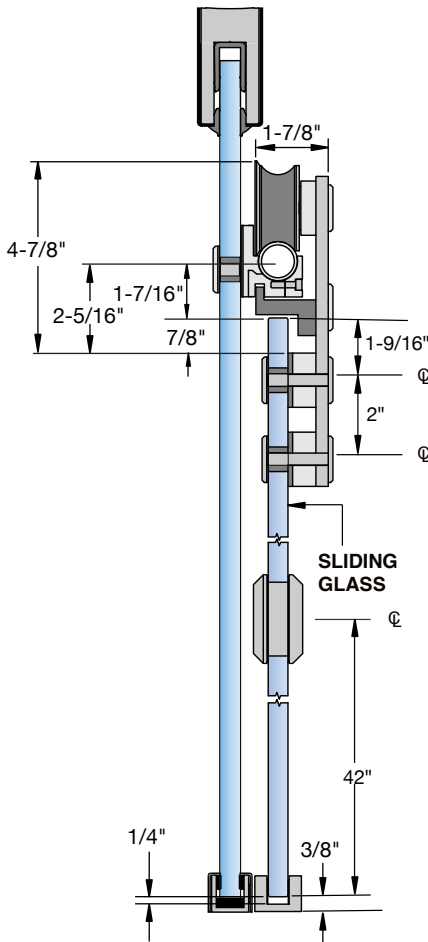
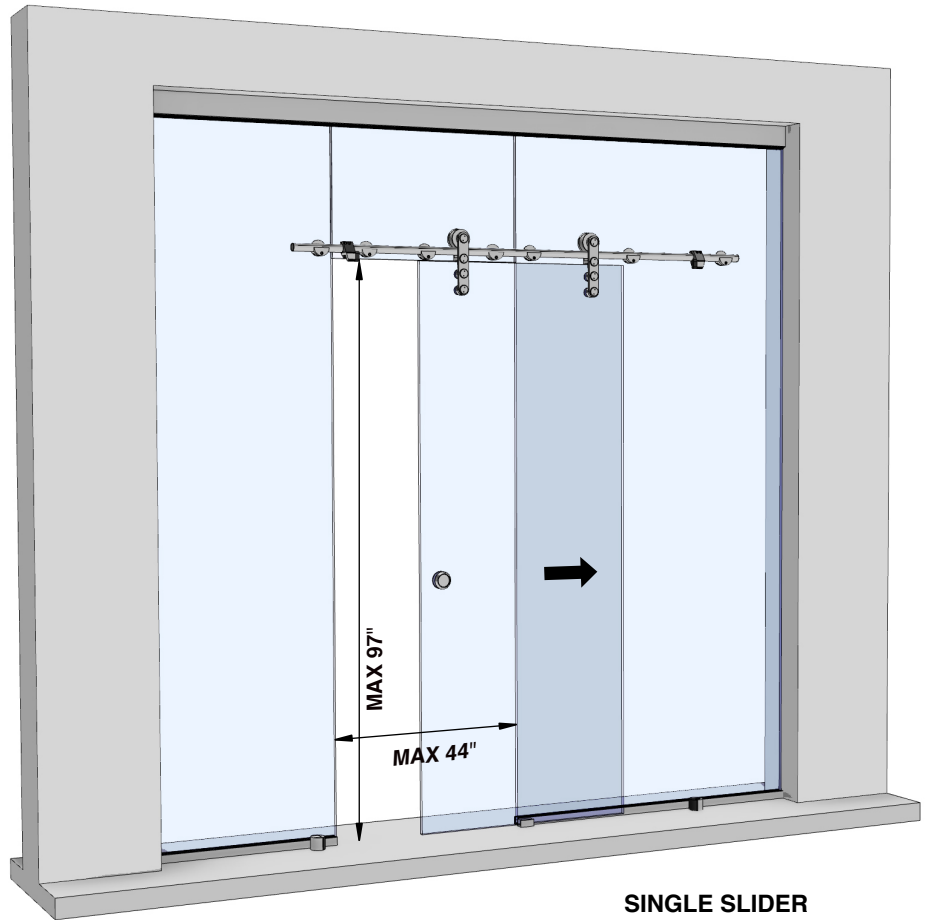


FHC SINGLE GLASS MOUNT CARMEL SERIES SLIDER KIT CSGG01

- Designed for Use With 3/8"-1/2" Tempered Glass
- Or 9/16" Tempered Lami Glass with SGP Interlayer
- Precision Adjustable Anti-Lift Top Rollers
- Complete Installation Kit (Glass not Included)
- Fast and Trouble-Free Installation
- Available in Brushed Stainless and Matte Black



SECTION VIEW
OF SLIDING DOOR KIT



SINGLE SLIDER

SPECIFICATIONS

Material: Brushed or Matte Black Stainless Steel (316 Alloy)
Glass: Not Supplied
Thickness: 3/8" (10 mm) or 1/2" (13 mm) Monolithic or 9/16" Tempered Lami with SGP Interlayer.
Max Glass Size: 48" Width x 98" Height
Glass Fabrication: (1) 1-7/8" Hole - Finger Pull
 (4) 5/8" Through Holes for Top Rollers or
 (4) 1" Countersunk Holes for Top Rollers
Fasteners: Supplied



USE
MONOLITHIC
TEMPERED
GLASS

OR

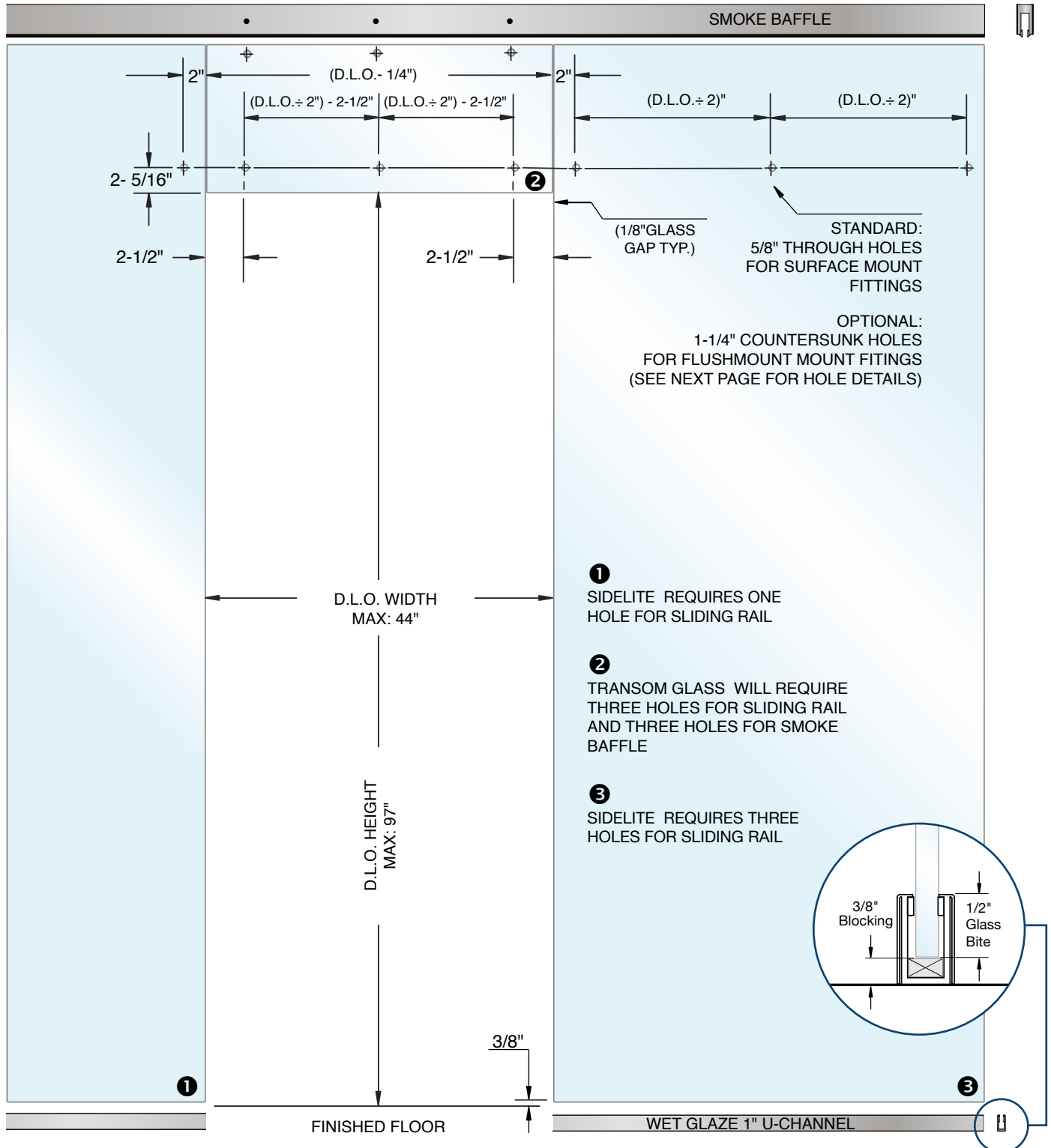


USE
LAMINATED
TEMPERED
GLASS

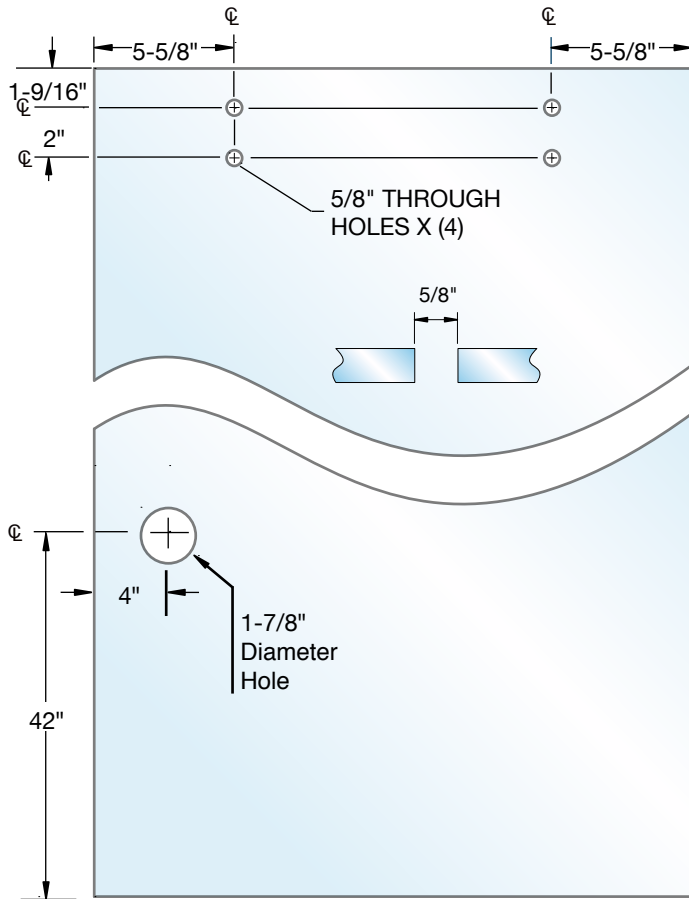
Please Note: Glass is not included and will require fabrication. Detailed information inside.

FHC
 FRAMELESS HARDWARE COMPANY
 THE GLAZING SUPPLY COMPANY

GLASS WALL FABRICATION

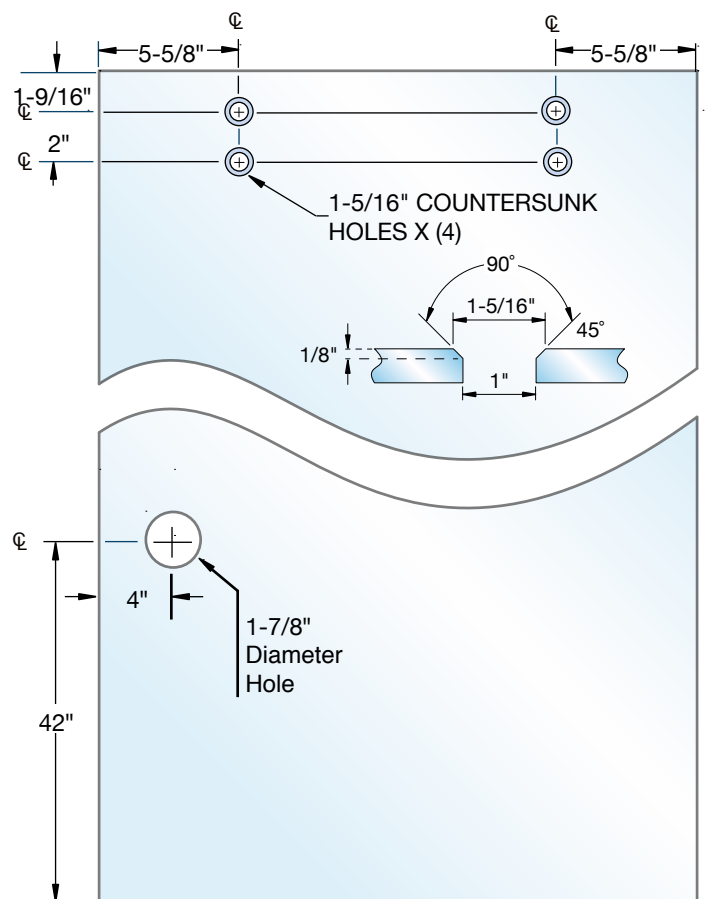


GLASS DOOR FABRICATION



STANDARD LAYOUT FOR USE WITH SURFACE-MOUNT FITTINGS

FIGURE 2



OPTIONAL LAYOUT FOR USE WITH FLUSH-COUNTERSUNK FITTINGS

FIGURE 3

SLIDING RAIL FABRICATION

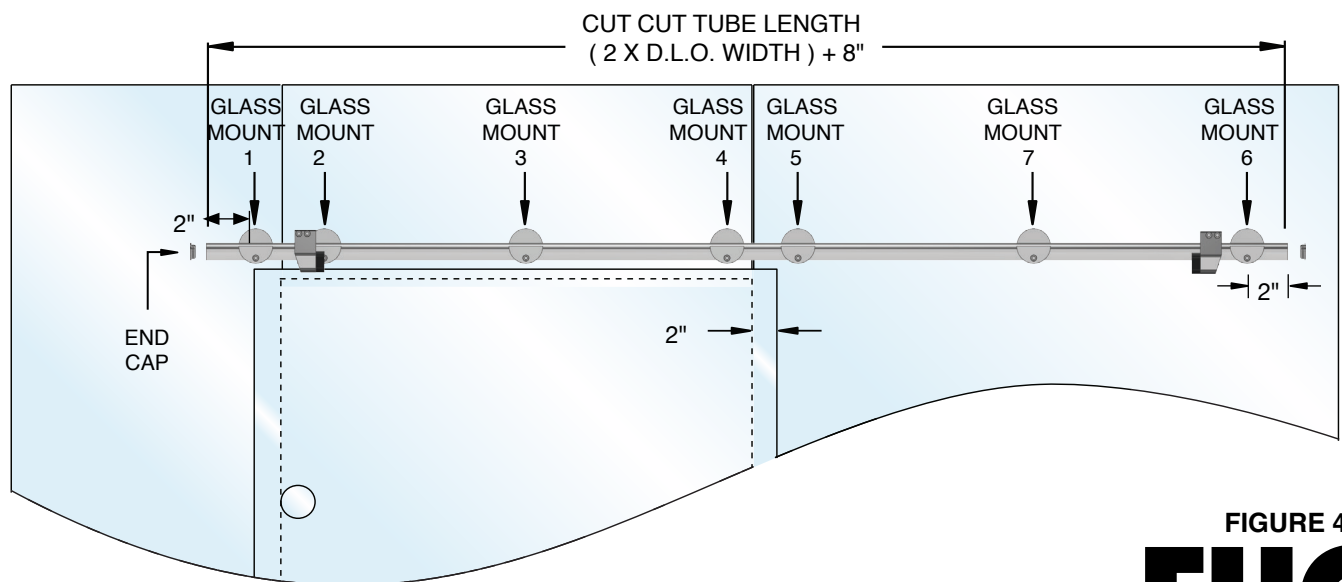


FIGURE 4



STEP-BY-STEP INSTRUCTIONS

The Carmel Series CSGG01 Single Door Sliding Glass System must be attached to a properly installed Glass Wall using a storefront or smoke baffle mounting system. The installer must be certain he fastens the Glass Wall perimeter support into structurally sound wall framing. Consult a Structural Engineer for specific calculations on your particular project.

STEP 1

Verify that you have received all parts before proceeding. Make sure that the Glass Wall support system is plumb and square. Check for High-Spots in the floor that may cause Door Binding. Maximum D.L.O. is 44" X 97".

STEP 2

Fabricate the Glass Wall and Sliding Door: (Figure 1) provides the details for fabricating the Glass Wall for a Single Sliding Door System. (Figure 2) or (Figure 3) should be used to fabricate the sliding door. The Glass Wall opening must not exceed 44" X 97". D.L.O. (Day Light Opening) Referring to Figure 1, record the dimensions below.

D.L.O.Width _____ D.L.O.Height _____

STEP 3

Fabricate the CS05 Top Sliding Tube. (Figure 4) Calculate the required tube length and cut to size using formula.

SLIDING TUBE LENGTH (2 X D.L.O. WIDTH) + 8"

STEP 4

Install the Glass Wall: (Figure 1) Using an appropriate perimeter connection system such as a Storefront Head and Sill or a Smoke Baffle with a 1" U-Channel as shown in Figure 1, Install the fabricated Glass Wall. The structure should be plumb with a square and plumb opening. The D.L.O. shall not exceed 44" wide X 97" tall. The sliding glass door will overlap the opening by 2" on each side and 7/8" on the top. (Figure 5)

STEP 5

Attach the CS04 Glass Mounts: (Figure 4) Attach the CS04 Glass Mounts to the Glass Wall by inserting the corresponding flush-mount spanner fasteners and rubber washers with glass grommets through the back side of each hole. Align each CS04 Mounts with the rubber washers to the face side and lightly tighten. The CS04 Mounts will need to be loose enough to allow adjustment in the next step.

STEP 6

Position and Mount the Top Sliding Tube Assembly (Figure 4) The CS04 Glass Mounts will firmly clamp the CS05 Sliding Tube so you must loosen the socket head screw to release the clamping faces. Do not remove the face plates. Slide the CS02 Top Door Stops on to each end. They should be inside mounts (1) and (6). Lay the CS05 Sliding tube into the CS04 Wall Mounts. Retighten the socket head screws firmly on each clamping face as the CS04 aligns itself to the tube. Do not force alignment. Some may require loosening of the back side spanner fasteners. The tube should be centered between Glass Mount 1 and Glass Mount 6. Complete the step by leveling the CS05 Sliding Tube and tightening each CS04.

STEP 7

Attach the CS01 Top Roller Assemblies Determine the type of mounting that your project requires, surface or flush mount glass. Mount the Top Roller Assemblies the Glass door using the special spanner wrench. Remove the black plastic Anti-Lift Block on each roller and lift the door/roller assembly onto the Sliding Tube Assembly. Verify that the door slides smoothly and re-attach the anti-lift blocks. Adjust the bottom gap to 3/8" using the set screws on top of each CS01. Make sure that it rolls freely from side-to-side. Replace the Anti-Lift blocks on each Roller.

STEP 8

Adjust the CS02 Top Door Stops (Figure 5) Roll the door to the closed position making sure that it is centered over the opening. Slide the appropriate Top Door Stop into position on the Top Rail and tighten. Repeat the procedure with the other Top Door Stop and the Glass Door in the open position.

STEP 9

Install the CS06 Floor Guide and CS07 Bottom Door Stops (Figure 5) Install the Floor Guide as illustrated in the drawing. The door should remain in the guide at all times in any position. Attach each Bottom Door Stop to the floor. Align with the door fully closed and fully open. The Rolling Glass Door should bump the Top and Bottom Door stops at the same time to prevent the door becoming misaligned.

STEP 10

Install the TGFP1 Recessed Finger Pull. (Figure 5) Make any final adjustments. Minor height adjustments can be made using the set screw on the top of each roller assembly.

PARTS AND ASSEMBLY

