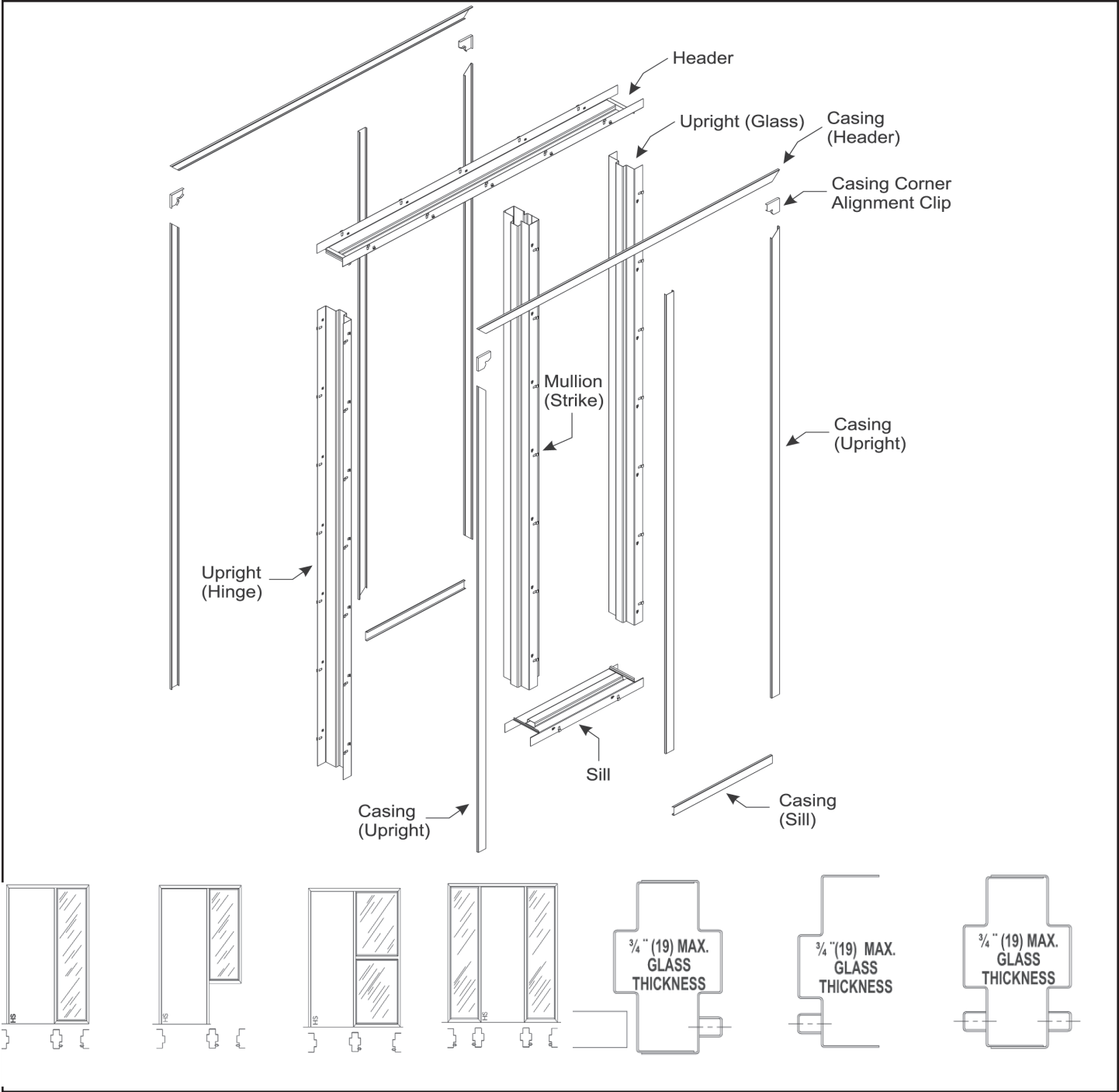




# REDIFRAME™

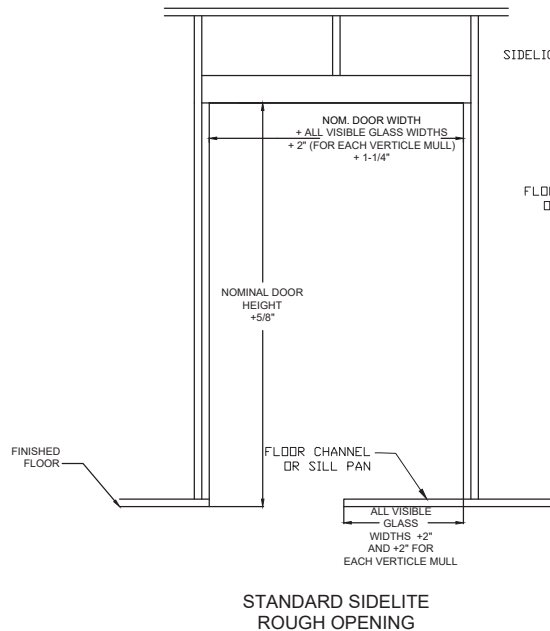
## SIDELITE INSTALLATION PROCEDURE



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## BEFORE YOU BEGIN

PLEASE FOLLOW ALL INSTRUCTIONS AND ALWAYS USE PROTECTIVE EYEWEAR WHEN INSTALLING A DOOR SYSTEM. PLEASE READ INSTRUCTIONS COMPLETELY.



STANDARD SIDELITE  
ROUGH OPENING

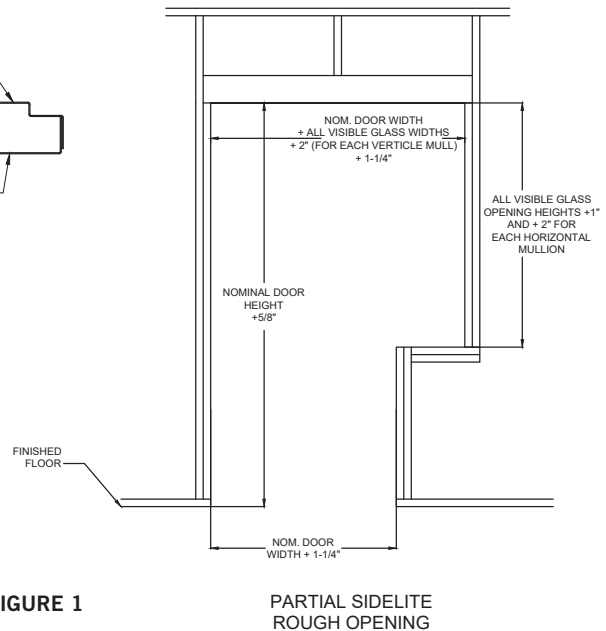


FIGURE 1

PARTIAL SIDELITE  
ROUGH OPENING

### Rough Opening

(Figure 1)

#### Step 1

Verify that the opening is plumb, square and level. To determine rough opening, add width of door to width of glass insert and add 3”(76) for rough opening width.

(Example: 36”(914) + 2”(51) [mullion] + 18”(457) + 1”(13) = 57”(1448) W. (Figure 2)

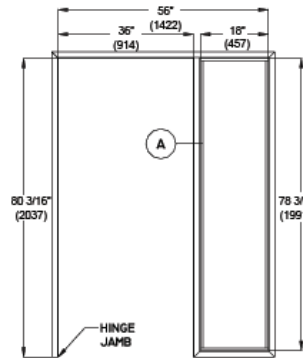


FIGURE 2

#### Step 2

Add 1”(13) to net height of frame for rough opening height. [Example: 80”(2032) + 1”(13) = 81”(2057) H]

### Installation of Floor Channel (Figure 1)

#### Step 1

Install the floor channel or 2x4 stub wall. The floor channel is installed first. It is **important** that the floor channel be strongly fastened to the floor as the sidelite will be attached to it and cannot be allowed to move.

[Example: Sidelite width 18”(457); Length of

floor channel: 18”(457)]

### Mullion Clip Installation

#### Step 1

Select frame sections that will receive mullion brackets (head on elevation shown). Determine center line of mullion and scribe a line across the stop. (Figure 3)

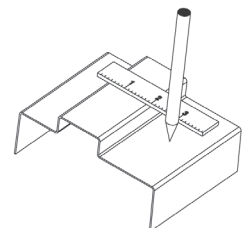


FIGURE 3

**Important:** All measurements should be made from the same end of the frame sections in the installed position.

#### Step 2

Position mullion bracket so scribe line centers in diamond window and the depressed tab rests firmly against the stop on the 1-3/4”(44) & 1-3/8”(35) rabbets. (Figure 4)

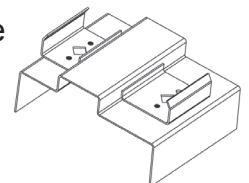


FIGURE 4

#### Step 3

Install screws as shown. (Figure 5)

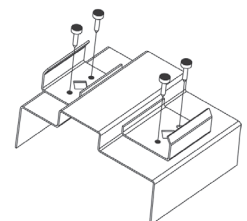


FIGURE 5

### Installation of Frame

**Step 1**

Sleeve top header over wall (Figure 6).

**Step 2**

Sleeve bottom header over sill.

**Step 3**

Sleeve upright members over wall (Figure 7).

**Step 4**

Position mullion post (Figure 8).

**Step 5**

Bring top header down to upright sections, locking them together with alignment tabs and fitting the mullion post firmly on to the mullion bracket (Figure 9).

**Step 6**

With a self-tapping screw, attach mullion to mullion clip (Figure 10) on both sides.

**Step 7**

Hang door and align for squareness.



FIGURE 6



FIGURE 7

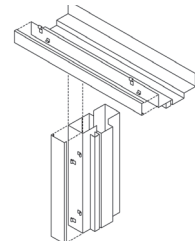


FIGURE 8

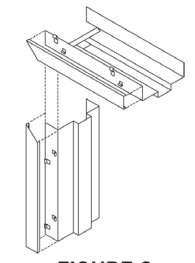


FIGURE 9

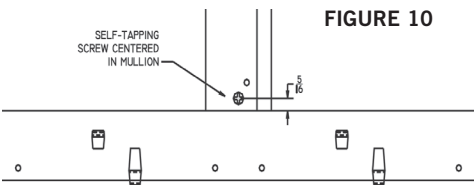


FIGURE 10

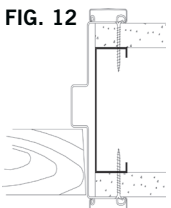
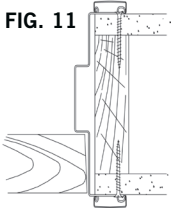


FIGURE 13

**Instructions**

**Wall Construction:** (Figure 11)  
Wood Studs & Drywall

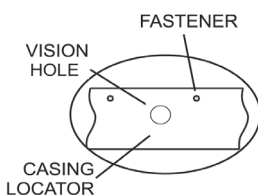
**Recommended Frame Fasteners:**  
1-1/4" Min. Drywall Screws, Coarse Threads

**Wall Construction:** (Figure 12)  
Steel Studs & Drywall

**Recommended Frame Fasteners:**  
1-1/4"(32) min. Type "S" Bugle Head Self-Tapping Screws

**Fasten unit to wall as follows**

(Figure 13):



**Step 1**

**To secure header,** fasten header above hinge upright and proceed toward strike side. Apply one (1) fastener per lance / nail hole. (Figure 14)

**Step 2**

**To secure sill,** apply one fastener per lance/nail hole.

**Step 3**

**To secure hinge upright,** proceed downward from upper end of hinge upright. Apply one (1) fastener per lance / nail hole (Figure 14).

**Step 4**

**To secure upright (glass),** proceed downward from upper end of glass upright. Apply one fastener per lance / nail hole.

**Step 5**

Install glass, glazing, and glass stop. (Figure 15) See Fire Rating Chart for correct glazing material application (pg. 4). (Figure 16)

**Step 6**

Apply trim, taking care to hook over outside clip roll and snap over the inside clip. Do not force over both ends of clip simultaneously (Figures 17, 18 & 19).



FIGURE 14

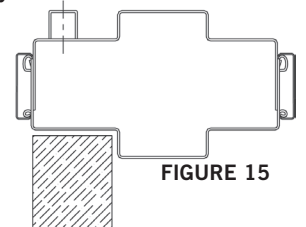
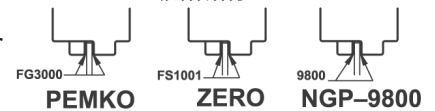


FIGURE 15



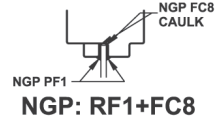
PEMKO

ZERO

NGP-9800



NGP-FF1



NGP: RF1+FC8

FIGURE 16



FIGURE 17



FIGURE 18



FIGURE 19

**To remove casing,** use a small common screwdriver with a flat edge or a stiff putty knife. Start at the bottom of the upright casing on the **inside** of the frame. Gently insert the edge of the screwdriver between the casing and the leg of the frame. Slowly work the screwdriver up the casing to the first lance. Rotate the screwdriver in a counterclockwise motion; the casing will pop off the inside curl of the lance. Repeat this procedure with remaining lances. After all inside lances have been cleared, gently ease the casing from under the **outside** lance curl and remove.

# FIRE RATINGS

45-MINUTE SIDELITE / TRANSOM ASSEMBLY FRAMES (1-3/4"(44) DOORS) Maximum Assembly Size: 10' wide x 10' height / UL 10B (Neutral Pressure) and UL 10C (Positive Pressure)									
RATING	MINIMUM WALL SIZE	MAXIMUM GLASS WIDTH	MAXIMUM GLASS HEIGHT	FRAME GAUGE	GLASS TYPE	TEST STANDARD	MAXIMUM DOOR SIZE	GLAZING MATERIAL	MAX. ASSEMBLY SIZE
45 min.	3-1/2" (9 cm)	24" (61 cm)	106" (269 cm)	18 or 20	Wire	Neutral	3'0" x 9'0" (91 x 274 cm)	Not Required	10'0" x 10'0" (305 cm x 305 cm)
45 min.	3-1/2" (9 cm)	36" (91cm)	36" (91 cm)	18 or 20	Wire	Neutral (91 x 274 c	3'0" x 9'0"	Not Required	10'0" x 10'0" (305 cm x 305 cm)
45 min.	3-1/2" (9 cm)	36" (91cm)	94" (239 c	18 or 20	Ceramic	Neutral	3'0" x 9'0" (91 x 274 cm)	Listed	10'0" x 10'0" (305 cm x 305 cm)
45 min.	3-1/2" (9 cm)	24" (61 cm)	106" (269cm)	18 or 20	Wire	Positive	3'0" x 9'0" (91 x 274 cm)	Listed	10'0" x 10'0" (305 cm x 305 cm)
45 min.	3-1/2" (9 cm)	36" (91 cm)	94" (239 cm)	18 or 20	Ceramic	Positive	3'0" x 9'0" (91 x 274 cm)	Listed	10'0" x 10'0" (305 cm x 305 cm)



# WARRANTY

The Warranty for Steel Frames manufactured by REDIFRAME® PRODUCTS DIVISION is to the original consumer purchaser to be free from defects in material and workmanship for a period of one (1) year from the date of purchase.

This warranty is applicable only when the product(s) covered by it have been installed in accordance with the recommended written installation instructions of REDIFRAME® PRODUCTS DIVISION and with established building practices, have been accorded treatment which is considered good practice in the building industry regarding storage and maintenance, and have been subject only to normal use. Because REDIFRAME® PRODUCTS DIVISION cannot control the manner in which its products are handled after leaving its premises, this warranty does not apply to the finish or accessories of any product.

ANY AND ALL IMPLIED WARRANTIES HERETO ARE LIMITED TO ONE (1) YEAR FROM THE DATE OF PURCHASE.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. In

the event the original consumer purchaser of any REDIFRAME® product believes that the frame or any parts thereof covered by this warranty are defective, a letter outlining the alleged defect should be sent postage prepaid to the following address:

**REDIFRAME® PRODUCTS DIVISION**  
**Division of the Dunbarton Corporation**  
**P.O. Box 8577 Dothan, Alabama 36304-0577**

Any REDIFRAME® Products Steel Frame, or any parts thereof covered by this warranty which, upon inspection by an authorized representative of REDIFRAME® PRODUCTS DIVISION, are found by said representative to be defective will be repaired, replace, or at the option of REDIFRAME® PRODUCTS DIVISION, the purchase price of the frame or part will be refunded and does not include labor, installation costs, finishing costs, or indirect or consequential damages of any nature. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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