

MEANS OF EGRESS

Egress: A continuous and unobstructed way to travel from any point in a building or facility, that provides an accessible route to an area of refuge, a horizontal exit, or a public way. (FBC04 1002.1)

Emergency Escape and Rescue Opening:

An operable window, door or other similar device that provides for a means of escape and access for rescue in the event of an emergency.

I- EGRESS WINDOWS

Must meet or exceed **all** of the following: (FBC04: 1025.2, 1025.3, & 1025.4.1.2)

1. Minimum net clear square footage of ground floor opening is **5.0 sf**. (Fig. 1)
2. Minimum net clear square footage of all other openings is **5.7sf**. (Fig. 1)
3. Minimum net clear opening height is **24"**. (Fig. 2)
4. Minimum net clear opening width is **20"**. (Fig. 3)
5. Bottom of clear opening shall not be greater than **44"** above finished floor. (Fig.4)
6. Latch shall be capable of being operated from not more than **54"** above finished floor. (Fig. 4)

Emergency opening requirements are waived in other than Group 3 occupancy buildings, equipped throughout with an "approved" automatic sprinkling system.* (FBC04 1025.1.1)

* Group R 3 residents are primarily permanent, and where buildings do not contain more than two dwelling units. 301.1-R3

Guards: Where there is a drop of 48" or more on the far side of a walking surface a glazed fixed or operable panel 24" or greater in width, the bottom of which is less than 36" above the near walking surface, a safeguard (safety glazing or railings) must be provided. (FBC04 2411.4.1) (Fig 5)

II –DOORS (FBC04 1008)

Egress: French door minimum unit size using standard threshold is:
Single door = 38 5/8 x 84 3/8
Double door = 73 5/16 x 84 3/8

Accessible: French door minimum unit size using low threshold is:
Single door = 38 5/8 x 83 27/32
Double door = 73 5/16 x 83 27/32

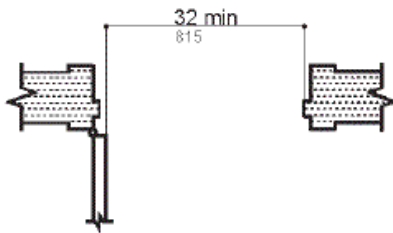
Swing: Door shall open in direction of egress travel.

Means of Egress

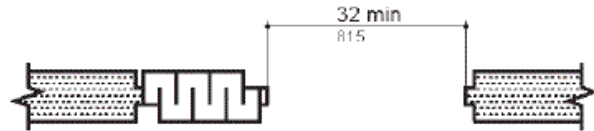
Threshold: Sliding glass doors maximum height shall be $\frac{3}{4}$ ". Swing door maximum height shall be $\frac{1}{2}$ ". (FBC04 1008.1.6)

Hardware: Egress doors shall be operable with not more than one releasing operation (FBC04 1008.1.8.5)
Egress latches shall be located at least 34" and not more than 48" above finished floor. (FBC04 1008.1.8.2)

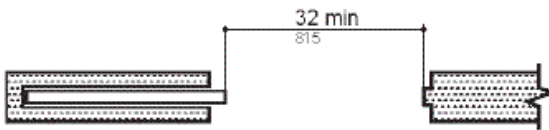
Door widths: Minimum width of each door opening shall be sufficient for occupant load thereof, and shall provide a clear width of not less than **32 inches**. Clear opening of swinging door shall be measured between the face of the door, and stop, with the door open 90 degrees. (FBC04 1008.1.1) Figure below



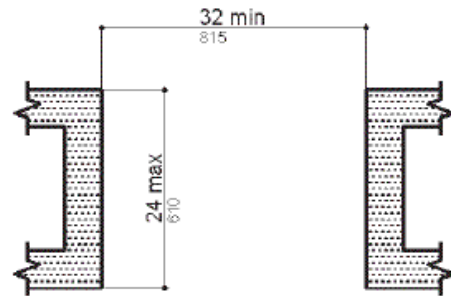
(a) Hinged Door



(b) Folding Door



(c) Sliding Door

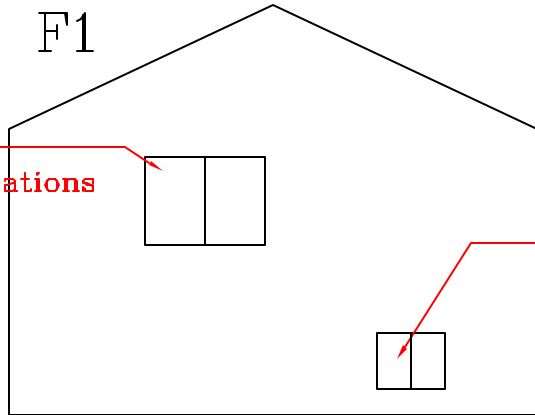


(d) Maximum Doorway Depth

Door heights: The clear height of "Means of Egress" doors shall not be less than **80 inches**. (FBC04 1008.1.1)
Door openings within dwelling or sleeping units shall not be less than **78"**.(FBC04 1008.1.1.5) Door (exterior) in dwelling or sleeping units other than required exit doors shall not be less than **76 inches**. (FBC 1008.1.1 .6)

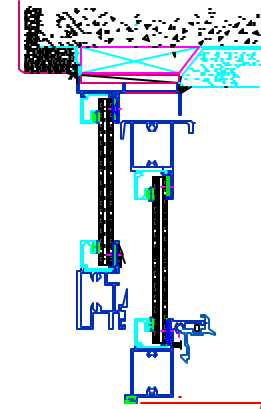
F1

5.7 Sq. Feet,
all other locations



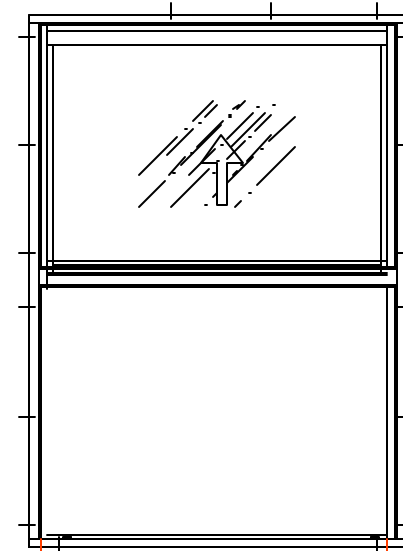
5.0 Sq. Feet,
Grade Floor Only

F2



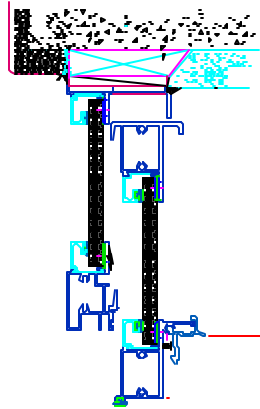
24"

F3

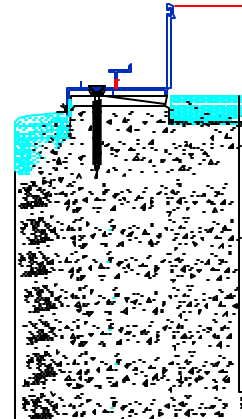


20 inches

F4

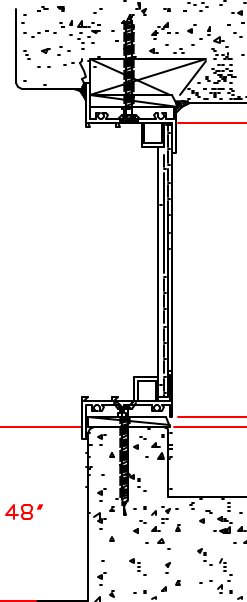


44"



54"


F5



Width > 24 inches

Drop > 48"

< 36 inches

Revision: No. last		 MANUFACTURERS OF WINDOWS & DOORS (305) 696-8660					
		Draw Class:	Part Class:	Prod. Category:	Series/Model:	Item:	Sheet:
		LAYOUT		P.W.	6000	TEST	1 of 3
Drawn By:	Auto Drawn:	EGRESS — EMERGENCY ESCAPE AND RESCUE WINDOW OPENINGS					
TOM BOTOS	8/18/07						
Revised By:	Auto Revised:	FBC 2004 CODE CONDITIONS					
		Scale:	Part Number:	Drawing Number:	Revision Level:		
		FULL SIZE					