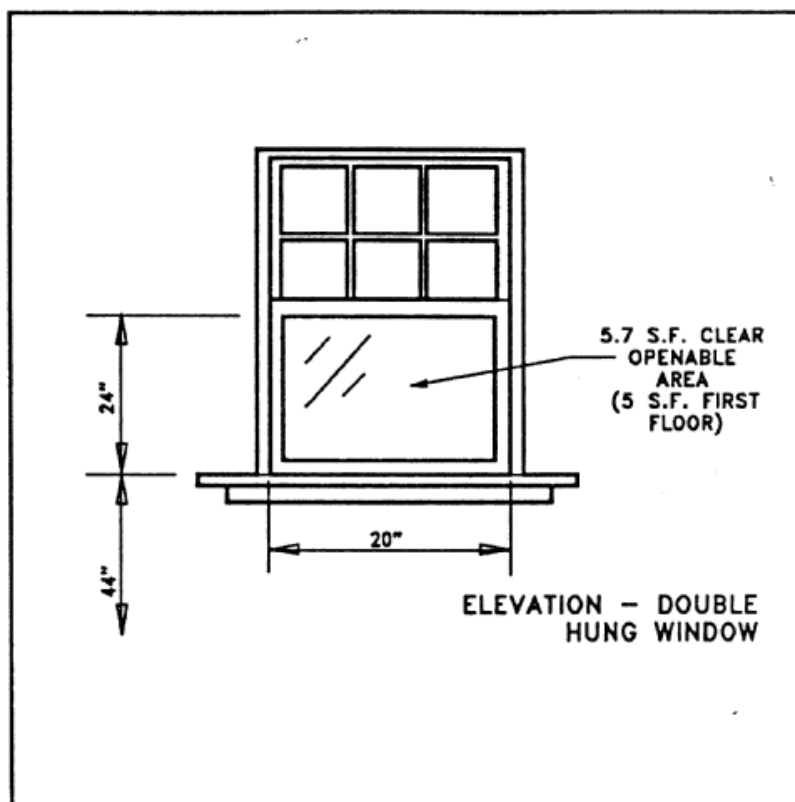


EMERGENCY ESCAPE FROM SLEEPING ROOMS

Section R310 of the International Residential Code requires that emergency escape provisions be provided in areas where occupants may be sleeping, and are able to understand and protect themselves if a fire condition were to occur. Each room or area used for sleeping must be provided with an exterior window or door that meets the size minimums and is operable for emergency escape without the use of separate tools, special knowledge or a force greater than that required for the normal operation of the windows.

The net clear opening area and minimum dimensions are intended to provide a clear opening through which an occupant can pass to escape the building or a fire fighter can pass through to enter the building for rescue or fire suppression activities. Because the window is usable to all persons, the minimum dimension is to be achieved by the normal operation of opening the window. If security grills are present on the window, they must be removable without special tools or knowledge or they must simply open.

Note: The minimum openable area cannot be achieved by using both the minimum width and height dimensions. It must be achieved by the product of the width x the height and must equal 5.7 square feet or 820 square inches of combined opening. Use the tables below to calculate the required openings.



The net clear opening shall be 5.7 square feet (0.53m²).

In addition to the above requirement, the net clear openable height dimension shall be a minimum of 24 inches (610mm). The net clear openable width dimension shall be a minimum of 20 inches (508 mm). Note that using both minimum figures will not obtain the required area.

The finished sill height shall be not more than 44 inches (1118 mm) above the floor.

Minimum Width/Height Requirements for Emergency Escape and Rescue Windows (inches*)

*1 inch = 25.4 mm

Width	20	20.5	21	21.5	22	22.5	23	23.5	24	24.5	25	25.5	26	26.5	27
Height	41	40	39.1	38.2	37.3	36.5	35.7	35.7	34.2	33.5	32.8	32.2	31.6	31	30.4

Width	27.5	28	28.5	29	29.5	30	30.5	31	31.5	32	32.5	33	33.5	34	34.2
Height	29.8	29.3	28.8	28.3	27.8	27.4	26.9	26.5	26.1	25.7	25.3	24.9	24.5	24.1	24