

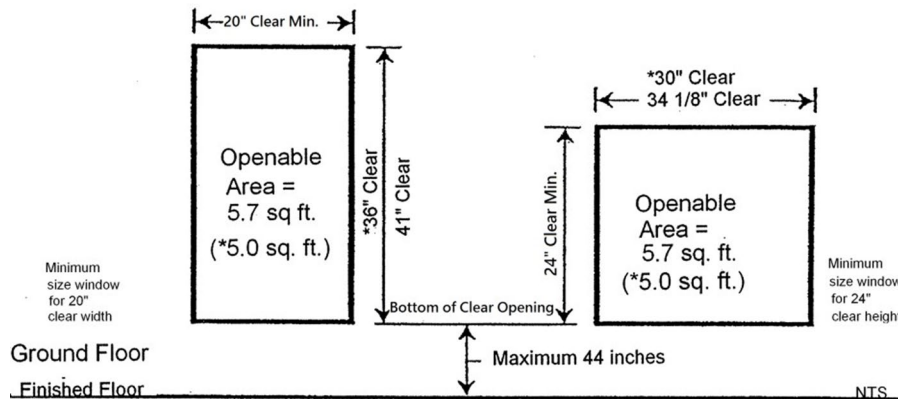


# Emergency Escape and Rescue Window Egress Detail

# BI-3

APPLIES TO ONE AND TWO FAMILY DWELLING, TOWNHOUSES, & ADU's NOT MORE THAN 3 STORIES ABOVE GRADE

(FOR OTHER STRUCTURES/USES SEE CBC 1030 FOR REQUIREMENTS.)



Because so many fire-related casualties occur when occupants of residential buildings are asleep at the time of the fire, Section R310 of the California Residential Code requires that:

- Basements, sleeping rooms in basements, habitable attics and every sleeping room shall have at least one operable window or door approved for emergency escape and rescue. This exit shall open directly into a public street, public alley, yard or exit court that opens to a public way. The units shall be operable to provide a *full clear opening* without the use of separate tools.
- The net clear opening area shall be no less than 5.7 square feet (0.53 m<sup>2</sup>); 5.0 square feet on ground floor.
- In addition to the above requirements, the net clear openable height dimension shall be a minimum of 24 inches (610 mm). The net clear openable width shall be a minimum of 20 inches (508 mm). Note that using both minimum figures will not obtain the required area.
- The bottom of the clear opening shall not be more than 44 inches (1118 mm) above the floor

**Minimum Width/Height Requirements for Emergency Escape and Rescue Windows (H X W / 144 = 5.7 sq ft, \*5 sq ft 1<sup>st</sup> floor)**

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	34.9	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