P COLUMN

COUNTY OF PLACER

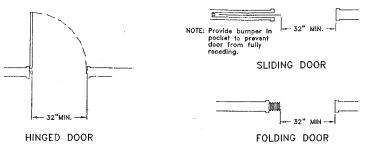
Community Development/Resource Agency

BUILDING

ACCESSIBILITY REQUIREMENTS FOR DOORS

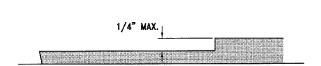
CBC § 1133B.2

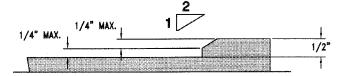
Width & height: Every required exit doorway shall be of a size as to permit the installation of a door not less than 3 feet in width and not less than 6 feet 8 inches in height. Exit doors shall be capable of opening at least 90 degrees and shall be so mounted that the clear width of the exitway is not less than 32 inches measured between the face of the door and the opposite stop. For hinged doors, the opening width shall be measured with the door positioned at an angle of 90 degrees from its closed position.



Floor level at doors: Regardless of the occupant load, there shall be a floor or landing on each side of a door.

Thresholds: The floor or landing shall not be more than $\frac{1}{2}$ inch lower than the threshold of the doorway. Change in level between $\frac{1}{4}$ inch and $\frac{1}{2}$ inch shall be beveled with a slope no greater than one unit vertical in 2 units horizontal (50% slope). Change in level greater than $\frac{1}{2}$ inch shall be accomplished by means of a ramp. See § 1133B.5.

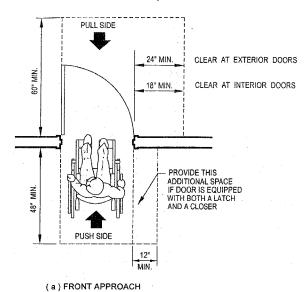


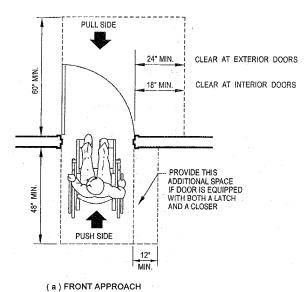


VERTICAL CHANGE IN LEVEL

BEVELED CHANGE IN LEVEL

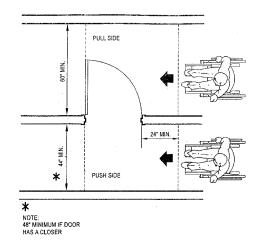
Maneuvering clearances at doors: Minimum maneuvering clearances at doors shall be as shown below. The floor or ground area within the required clearances shall be level and clear. The level area shall have a length in the direction of door swing of at least 60 inches and the length opposite the direction of door swing of 48 inches as measured at right angles to the plane of the door in its closed position.





Web Site Address: http://www.placer.ca.gov
Email: building@placer.ca.gov

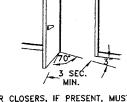
Exception: The length opposite the direction of door swing shall be a minimum of 44 inches where the door has no closer and approach to the door by a person in a wheelchair can be made from the latch side or if the door has neither latch nor closer and approach can be made from the hinge side.



> The width of the level area on the side to which the door swings shall extend 24 inches past the strike edge of the door for exterior doors and 18 inches past the strike edge for interior doors (24 inches is preferred).

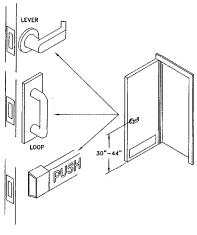
Door opening force: Required fire doors shall have a maximum opening force of 15 *lbf*. Other than required fire doors, interior and exterior doors shall have a maximum opening force of 5 *lbf*.

Door closer: If the door has a closer, then the sweep period of the closer shall be adjusted so that from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches from the latch, measured to the leading edge of the door.



DOOR CLOSERS, IF PRESENT, MUST BE SET SO THAT IT TAKES DOOR AT LEAST 3 SECONDS TO CLOSE FROM AN OPEN POSITION OF 70 DEGREES TO WITHIN 3" OF THE LATCH

Hardware: Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or twisting of the wrist to operate. Hardware shall be centered between 30 inches and 44 inches above the floor. Latching and locking doors that are hand-activated and which are in a path of travel shall be operable with a single effort by lever-type hardware, panic bars, push-pull activating bars or other hardware designed to provide passage. Locked exit doors shall operate as above in egress direction



Smooth surface: The bottom 10 inches of all doors except automatic and sliding shall have a smooth uninterrupted surface to allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition.

