

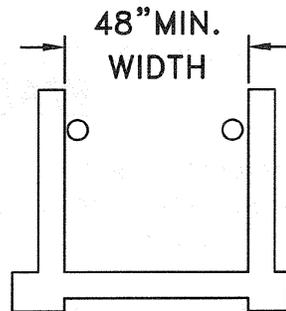


## ACCESSIBLE RAMP

CBC § 1133B.5

ANY ACCESSIBLE ROUTE OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN ONE UNIT VERTICAL IN 20 HORIZONTAL (5%).

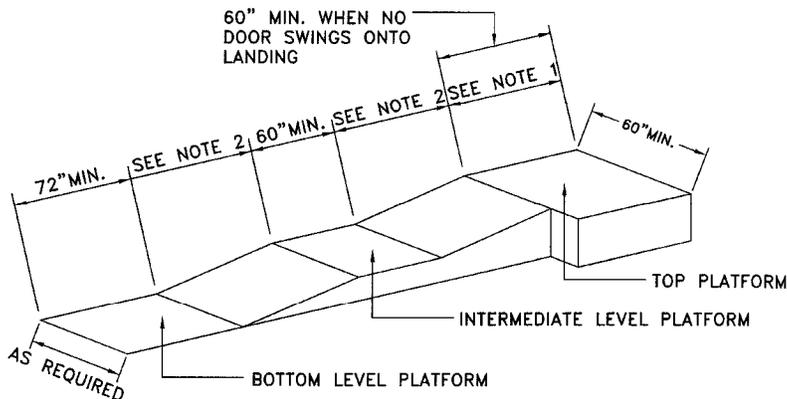
**Width:** Ramps shall have a minimum clear width of 48 inches. Ramps serving entrances to buildings where the ramp is the only exit discharge path that serves an occupant load of 300 or more shall have a clear width of 60 inches. Ramps serving R occupancies with an occupant load of 50 or less may be 36 inches in width.



**Slope:** The maximum slope of a ramp shall be one unit vertical in 12 units horizontal (8.33%). The maximum rise for any run shall be 30 inches. The cross-slope of ramp surfaces shall be no greater than 2 percent.

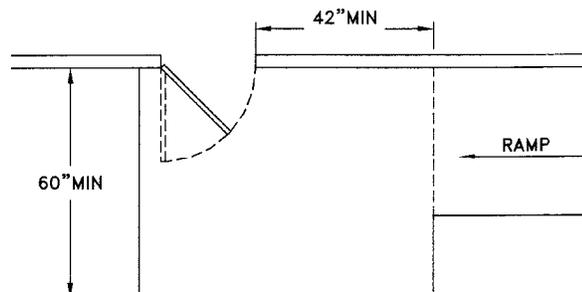
**Landing locations:** Level ramp landings shall be provided at the top and bottom of each ramp. Intermediate ramp landings shall be provided at intervals not exceeding 30 inches of vertical rise and at each change in direction.

**Size:** Top landings shall be not less than 60 inches wide and shall have a length of not less than 60 inches in the direction of ramp run. Bottom landings shall have a dimension in the direction of ramp run of not less than 72 inches.



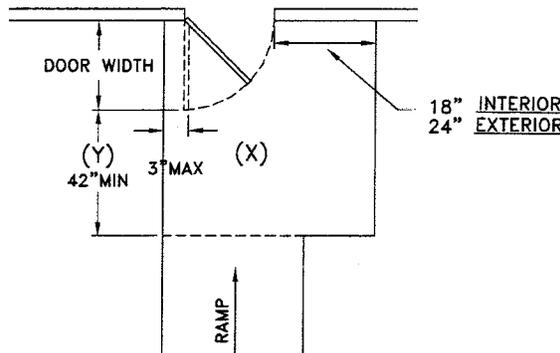
TE 1: When door swings onto landing – 42" min. plus door width.  
TE 2: Maximum horizontal distance of each ramp and run vary.

**Encroachment of doors:** Doors in any position shall not reduce the minimum dimension of the landing to less than 42 inches and shall not reduce the required width by more than 3 inches when fully open.



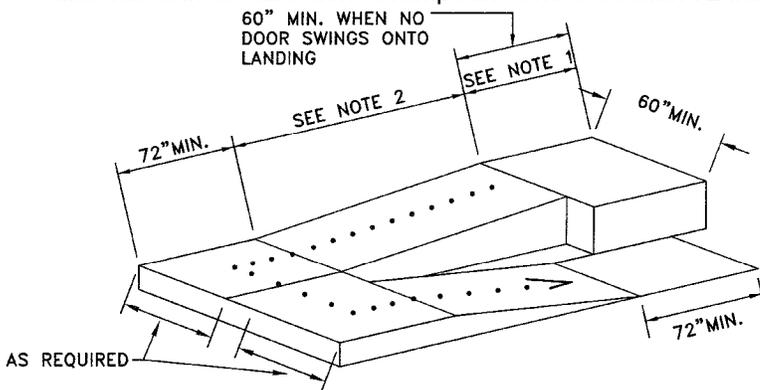
Web Site Address: <http://www.placer.ca.gov>  
Email: [building@placer.ca.gov](mailto:building@placer.ca.gov)

**Strike side extension:** The width of the landing shall extend 24 inches past the strike edge of any door or gate for exterior ramps and 18 inches past the strike side for interior ramps.

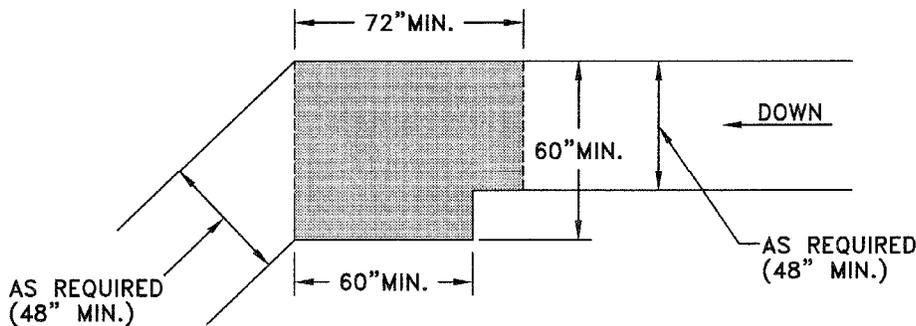


**Landing width:** At bottom and intermediate landings, the width shall be at least the same as required for the ramps.

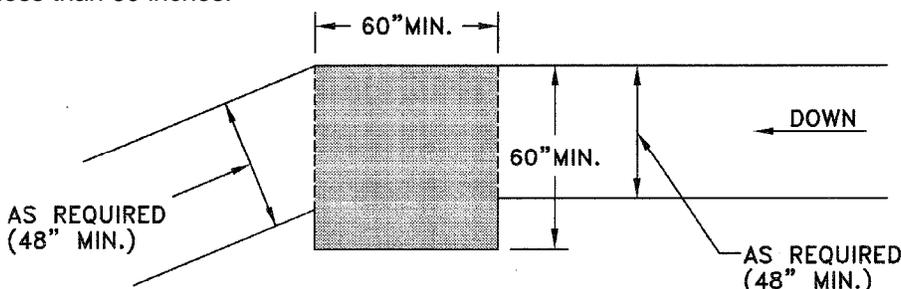
**Change of direction:** Intermediate and bottom landings at a change of direction in excess of 30 degrees shall have a dimension in the direction of ramp run of not less than 72 inches to accommodate the handrail extension.



NOTE 1: When door swings onto landing – 42" min. plus door width.  
 NOTE 2: Maximum horizontal distance of each ramp and run vary.

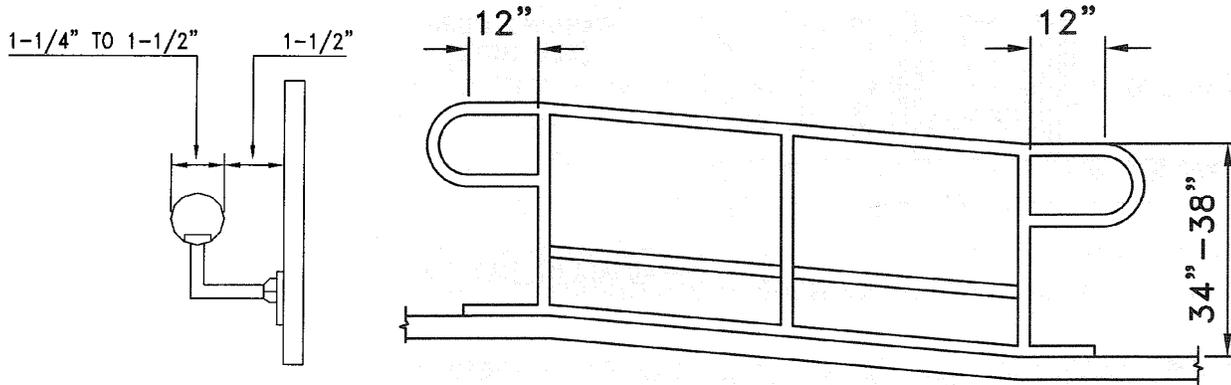


**Other intermediate landings:** Other intermediate landings shall have a dimension in the direction of ramp run of not less than 60 inches.

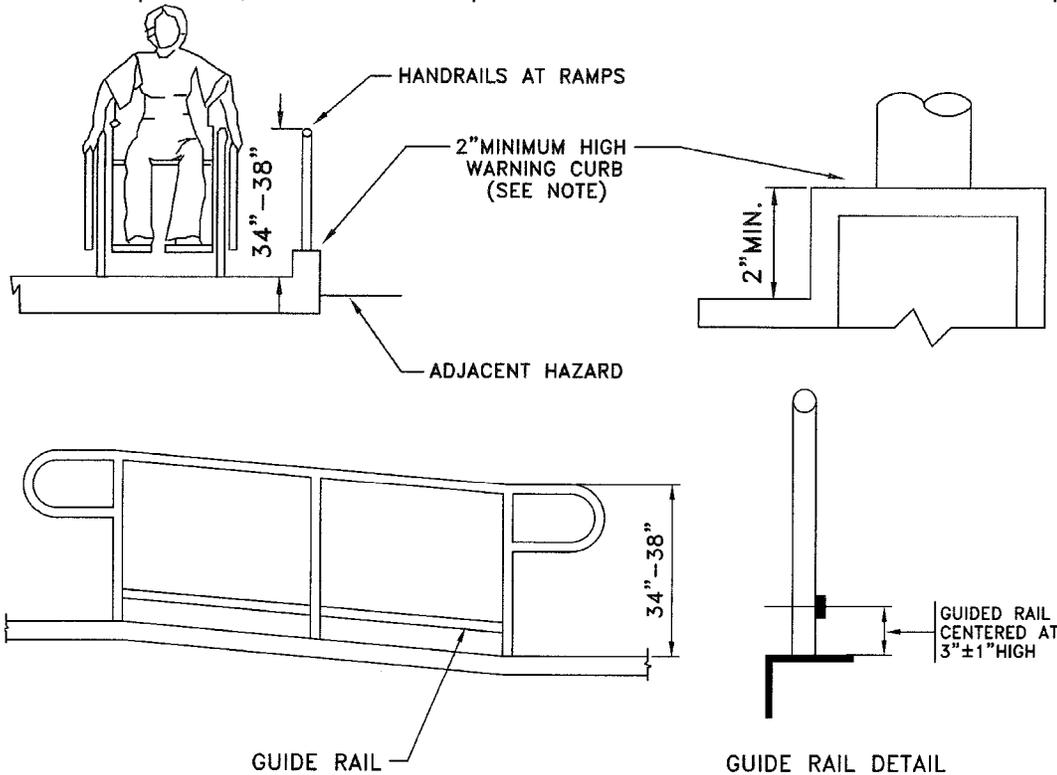


**Hazards:** Ramps shall have a curb at least 2 inches high, or a wheel guide 2 to 4 inches high on each side of the ramp landing that has a vertical drop exceeding 4 inches and that is not bounded by a wall or fence.

**Handrails:** Handrails are required on ramps where the slope exceeds 5 percent, except that at exterior door landings, handrails are not required on ramps less than 6 inches rise or 72 inches in length. Handrails shall be placed on each side; shall be continuous the full length of the ramp; shall be 34 to 38 inches above the ramp surface to the top of the handrails; shall extend a minimum of 1 foot beyond the top and bottom of the ramp; and shall be parallel with the floor or ground surface. The inside handrail on switchbacks and dogleg ramps shall always be continuous. The ends of handrails shall be either rounded or returned smoothly to floor, wall, or post. Handrails projecting from a wall shall have a space of 1 ½ inches between the wall and the handrail. The grip portion shall not be less than 1¼ inches or more than 1½ inches in cross-sectional nominal dimension or the shape shall provide an equivalent gripping surface and all surfaces shall be smooth with no sharp corners.



**Wheel guides:** A guide curb a minimum of 2 inches in height shall be provided at each side of the ramp or a wheel guide rail shall be provided, centered 3 inches plus or minus 1 inch above the surface of the ramp.



**Guards:** Ramps more than 30 inches above the adjacent ground shall be provided with guards that comply with Section 1013. Such guards shall be continuous from the top of the ramp to the bottom.