

PEDESTRIAN RAMPS

1. Any path of travel shall be considered a ramp if its slope is steeper than 1 foot rise in 20 feet of horizontal run. Each ramp shall be designed to provide the least possible slope. The maximum slope shall be 1:12.

2. Landings shall be provided at the top and bottom of each ramp. Intermediate landings shall be provided at intervals not exceeding 30 inches of vertical rise at each change of direction for purposes of rest and safety. Landings are not considered in determining the maximum horizontal distance of each ramp.

<u>SLOPE</u>	<u>MAX. RISE (IN.)</u>	<u>MAX. HORIZ. PROJECTION (FT.)</u>
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1:12	30"	30'
1:16	30"	40'
1:20	30"	50'

3. Pedestrian ramps serving primary entrances to buildings having an occupant load of 300 or more shall have a minimum width of 60 inches. All other pedestrian ramps shall have a minimum width of 48 inches.

4. The dimension of the top landing, measured in the direction of the ramp run, shall not be less than 48 inches when no door or gate swings toward the landing. Where a door or gate swings onto any landing, such landing shall have a minimum dimension in either direction of 60 inches and shall extend not less than 24 inches to the side of the strike edge of the door or gate. Intermediate landings shall be not less than 42 inches in length of the run of the ramp. Bottom landings and landings at a change of direction in excess of 30 degrees shall be not less than 72 inches as measured in the direction of the ramp.

5. Handrails shall be placed on both sides of each ramp and shall conform with the requirements for handrails. (Uniform Building Code).

6. Where the ramp surface is not bounded by the wall or fence and the ramp exceeds 10 feet in length, a curb with minimum height of 2 inches shall be provided at each side of the ramp. A wheel guide rail centered between 2 and 4 inches above the ramp surface may be provided in lieu of the curb.

7. Ramps shall be solid concrete or engineering-designed hollow concrete, subject to approval of the City Engineer. Concrete to be 2000 psi at 28 days. Surface of ramp shall be made slip-resistant with broom finish.