

RAMPS

SLOPE

Ramps shall have a maximum slope of 1 unit vertical in eight units horizontal (12.5% slope).

WIDTH

The width of ramps is recommended to be 36" between handrails.

LANDINGS

A minimum 3'x 3' landing shall be provided:

1. At the top and bottom of ramps.
2. Where doors open onto ramps.
3. Where ramps change direction.

HANDRAILS

A handrail must be provided on at least one side of all ramps exceeding a slope of one unit vertical in 12 units horizontal (8.33% slope).

Handrails shall not be less than 34" or more than 38" above the finished surface of the ramp slope.

Handrail grip size shall have an outside diameter of 1 ¼" to 2", or a perimeter of 4" to 6 ¼" with a maximum cross section of 2 ½".

- Handrails profiles with a perimeter greater than 6 ¼" shall have a 5/16" deep finger recess area beginning ¾" from the top of the rail and continuing downward for 7/8", on both sides of the rail. Width of the rail may be 1 ¼" to 2 ¾".

GUARD RAILS with no more than 4" between balusters or rails are required for landings or ramps 30" or more above grade.

Example of a Ramp with a Maximum Slope of 1 Unit Vertical in 8 Units Horizontal.

