

Section 405 Ramps

405.2 Slope

Ramp runs shall have a running slope greater than 1:20 and not steeper than 1:12

405.3 Cross Slope

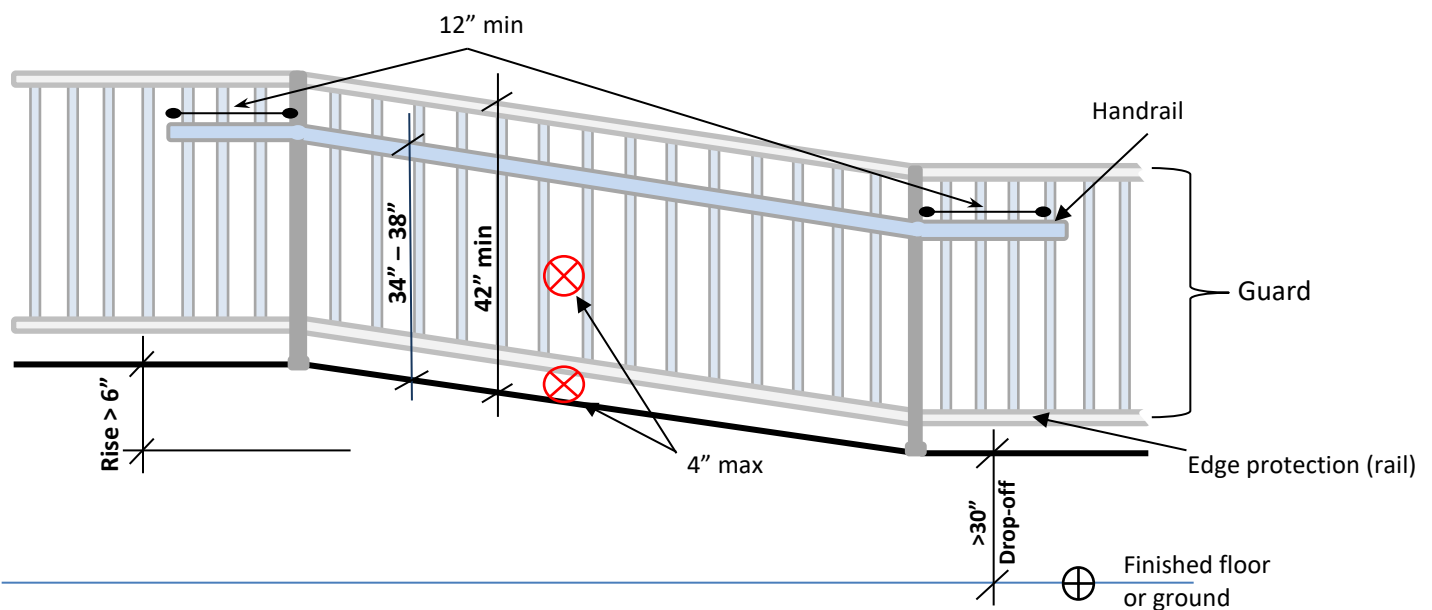
Cross slope of ramp runs shall not be steeper than 1:48

405.6 Rise

The rise for any ramp run shall be 30" maximum

405.8 Handrails

Runs with a rise greater than 6" shall have handrails complying with **Section 505** (see Section 505 handout for more detail)

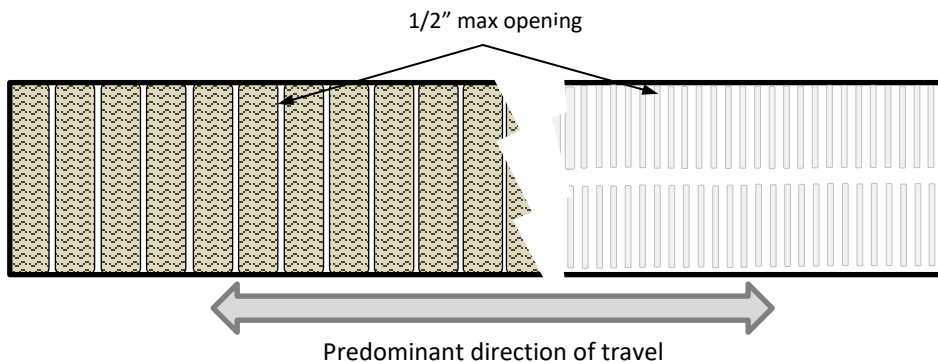


405.4 Floor Surfaces

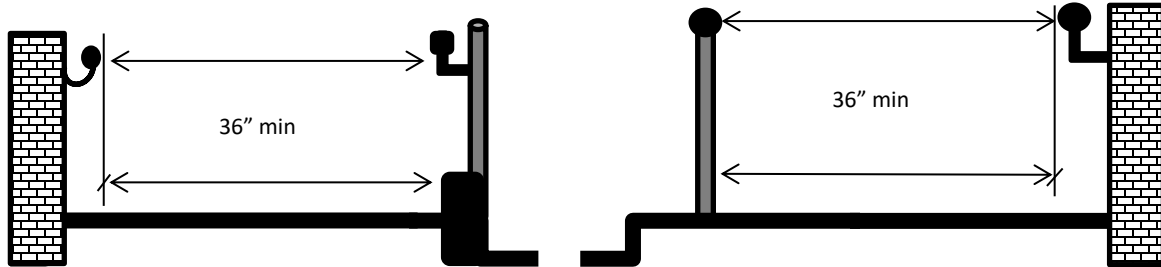
Floor surfaces of ramp runs shall comply with **Section 302**

302.1 General. Floor surfaces shall be stable, firm and slip resistant.

302.3 Openings. Opening in floor surfaces shall be of a size that does not permit the passage of a $\frac{1}{2}$ " diameter sphere(...) Elongated openings shall be placed so that the long dimension is perpendicular to the predominant direction of travel.

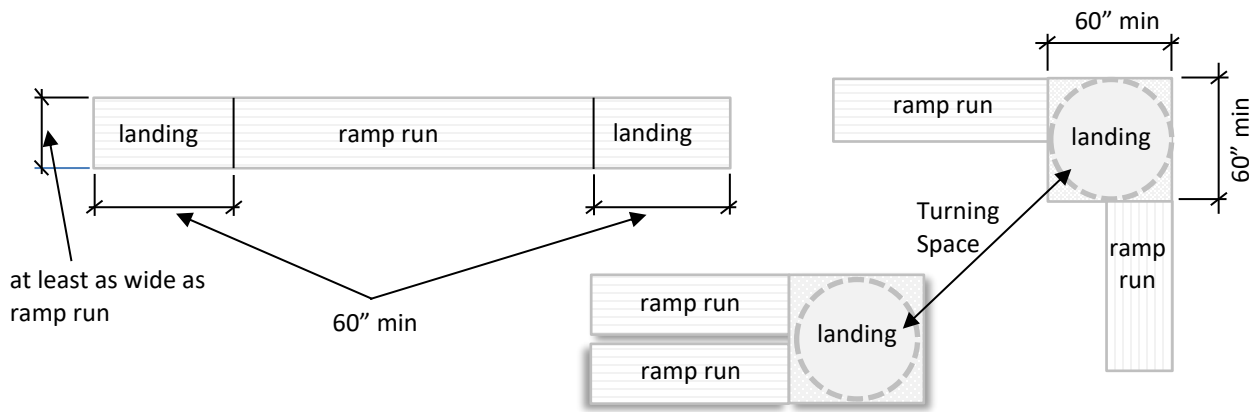


405.5 Clear Width. The clear width of a ramp run shall be 36" minimum. Handrails and handrail supports that are provided on the ramp run shall not project into the required clear width of the ramp run.



405.7 Landings. Ramps shall have landings at the bottom and top of each ramp run.

405.7.4 Change in Direction. Ramps that change direction at ramp landings shall be sized to provide a turning space complying with Section 304.3



405.9 Edge Protection

Edge protection complying with Section 405.9.1 or 405.9.2 shall be provided on each side of ramp runs and at each side of a ramp landing.

405.9.1 Extended Floor Surface & 405.9.2 Curb or Barrier

