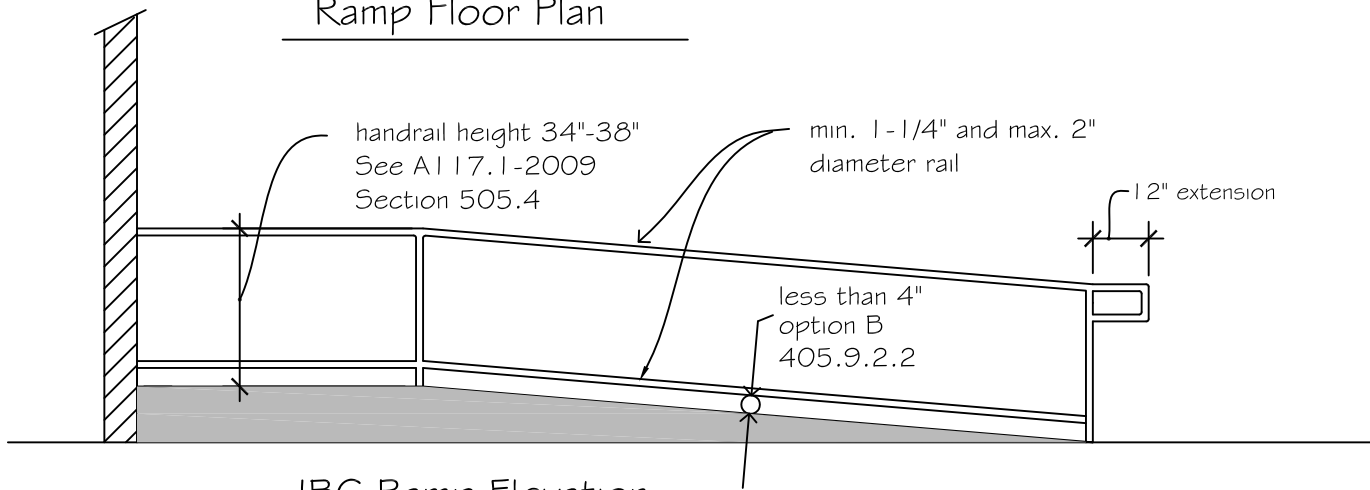


Ramp Floor Plan



IBC Ramp Elevation

Note:

(All code sections shall be ICC A117.1-2009 unless otherwise noted)

1. Min. clear width of exterior ramps shall be 44 inches. See Section WAC 1101.2.1.
2. Max. ramp slope runs shall be not steeper than 1 vert. in 12 horiz. per 405.2. The maximum cross slope of ramps and landings shall not be steeper than 1 vert. to 48 horiz. See Section 405.3 & 405.7.1.
3. Max. rise of 30" vertical between landings. See Section 405.6.
4. 60" x 60" landing required where ramp changes direction. See Section 405.7.4 & IBC 1012.6.4.
5. Ramp runs with a rise greater than 6" shall have handrails on both sides complying with IBC 1011.1.1 and ANSI standards. Ramp handrails shall extend 12 inches min. beyond the top and bottom of ramp runs. See IBC 1014.6. Handrails shall have an outside diameter of 1-1/4" min. and 2 inches max. or comply with section 505.7.2 for noncircular cross sections. Clearance between handrails and adjacent surfaces shall be 1-1/2 inches clear.
6. Edge protection required on each side of ramp per one of the following options:
Extended floor of the ramp run and or ramp landing shall extend 12" beyond the inside face of the railing per Section 405.9.1; or provide a curb min. 4" per 405.9.2.1, or a barrier that prevents the passage of a 4" diameter sphere where any portion of the sphere is within 4" of the floor per 405.9.2.2.
7. Maneuvering clearances at door shall comply with 404.2.3, Table 404.2.3.2 & Figure 404.2.3.2.
8. Guards required on open-sided walkway of ramp and landing where located more than 30 inches above the floor or grade below. See IBC 1015.2
9. Surfaces shall be stable, firm, and slip resistant. Section 302.