



General Requirements for Accessible Ramps

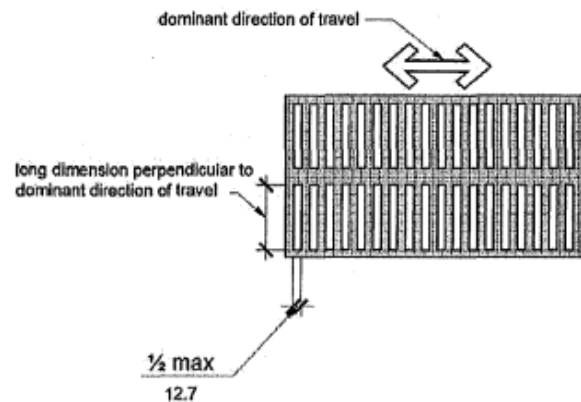
California Building Code - SECTION 11B-405

Ramps

Ramps on accessible routes shall comply with CBC 11B-405.

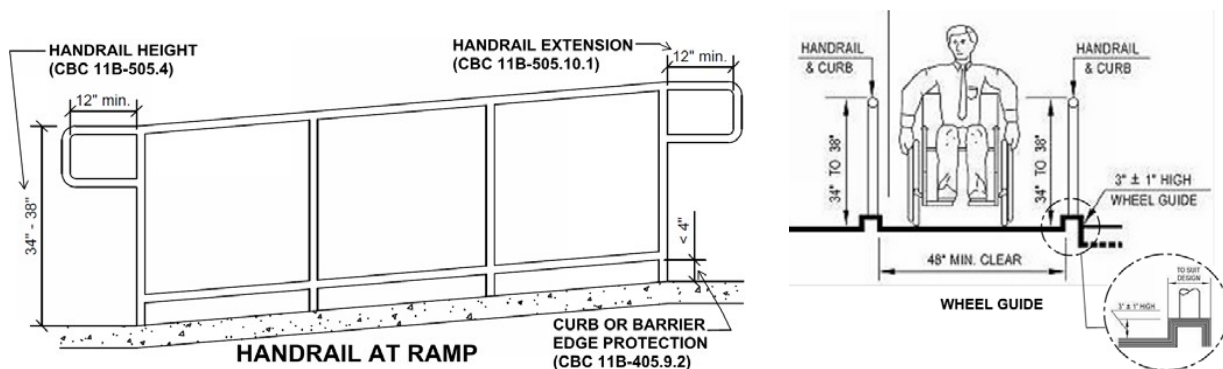
Exception: In assembly areas, aisle ramps adjacent to seating and not serving elements required to be on an accessible route shall not be required to comply with CBC 11B-405.

- Run Slope: Ramp runs shall not exceed 1:12 (8.3%). (CBC 11B-405.2)
- Cross Slope: Cross slope of ramp runs shall not exceed 1:48 (2%). (CBC 11B-405.3)
- Openings in Floor or Ground Surfaces: (CBC 11B-405.4) Shall not allow passage of a sphere more than $\frac{1}{2}$ " diameter. Elongated openings shall be placed so that the long dimension is perpendicular to the dominant direction of travel. (CBC 11B-302.3)
- Change in Level: Not permitted on ramp runs. (CBC 11B-405.4)
- Clear width: 48" minimum in ramp run. See exceptions per CBC 11B-405.5.
- Rise: 30" maximum in ramp run. (CBC 11B-405.6)
- Handrails: Ramp runs shall have handrails complying with CBC 11B-505. See exception per CBC 11B-405.8.
- Edge Protection: Shall be provided on each side of ramp runs and at each side of ramp landings and shall comply with CBC 11B-405.9.2. See exceptions per CBC 11B-405.9.
- Curb or Barrier: Continuous and uninterrupted curb or barrier shall be provided along the length of the ramp that prevents the passage of a 4" diameter sphere, where any portion of the sphere is within 4" of the finish floor or ground surface. (CBC 11B-405.9.2)



**FIGURE 11B-302.3
ELONGATED OPENINGS IN FLOOR OR GROUND SURFACES**

- Wet Conditions: Landings subject to wet conditions shall be designed to prevent the accumulation of water. (CBC 11B- 405.10)



Ramp Landings

Ramps shall have landings at the top and the bottom of each ramp run. Landings shall comply with CBC 11B-405.7.

- **Slope:** Landings shall comply with CBC 11B-302. Changes in level, slopes exceeding 1:48 (2%), and detectable warnings shall not be permitted. (CBC 11B-405.7.1)
- **Width:** Clear width at least as wide as the widest ramp run leading to the landing. (CBC 11B-405.7.2)
- **Width at Top Landing:** 60" wide minimum. (CBC 11B-405.7.2.1)
- **Length:** Clear length shall be 60" long minimum. (CBC 11B-405.7.3)
- **Length at Bottom Landing:** Bottom landings shall extend 72" minimum in the direction of ramp run. (CBC 11B-405.7.3.1)
- **Change in Direction:** Ramps that change direction between runs at landings shall have a clear landing minimum 60" x 72" in the direction of downward travel from the upper ramp run. (11B-405.7.4)
- **Doorways:** Maneuvering clearances required by CBC 11B-404.2.4 & 404.3.2 shall be permitted to overlap the required landing area. Fully opened doors shall not reduce the required ramp landing width by more than 3". Doors, in any position, shall not reduce the minimum dimension of ramp landing to less than 42". (CBC 11B-405.7.5)

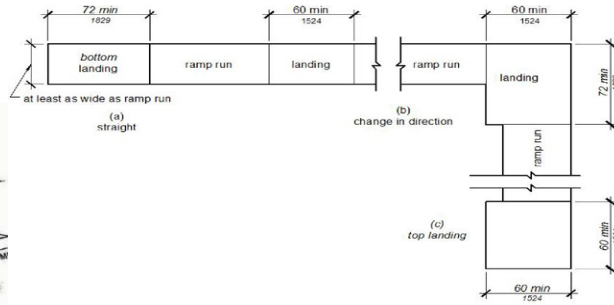
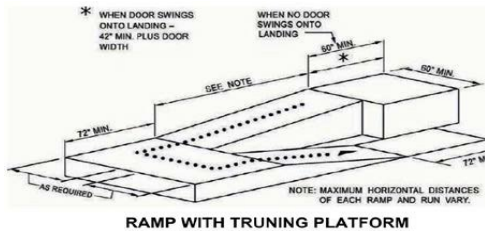
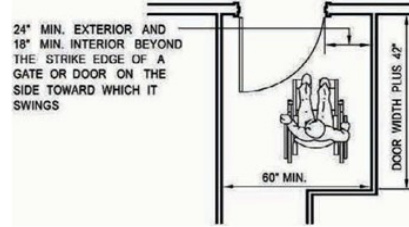
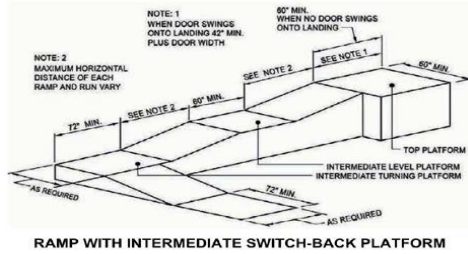
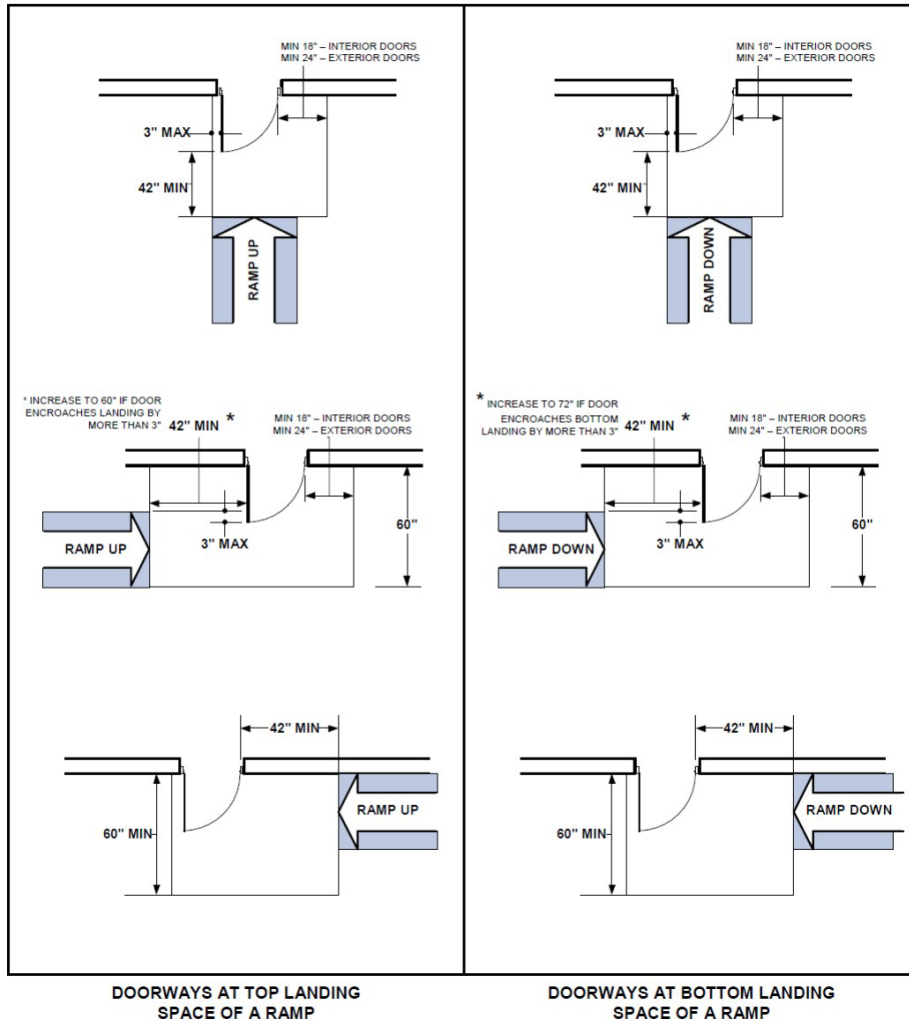


FIGURE 11B-405.7 RAMP LANDINGS



RAMP LANDING AT DOORWAY

DOORWAYS AT RAMP LANDINGS (CBC 11B-405.7.5)



Contact Information

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