

CHAPTER 10 MEANS OF EGRESS

SECTION 1011.6 2018 Edition IBC Interpretation 38-21 Issued: 6-2-2022 BU_18_38_21

1011.6 Stairway landings.

There shall be a floor or landing at the top and bottom of each *stairway*. The width of landings, measured perpendicularly to the direction of travel, shall be not less than the width of *stairways* served. Every landing shall have a minimum depth, measured parallel to the direction of travel, equal to the width of the *stairway* or 48 inches (1219 mm), whichever is less. Doors opening onto a landing shall not reduce the landing to less than one-half the required width. When fully open, the door shall not project more than 7 inches (178 mm) into a landing. Where *wheel chair spaces* are required on the *stairway* landing in accordance with Section 1009.6.3, the *wheelchair space* shall not be located in the required width of the landing and doors shall not swing over the *wheelchair spaces*.

Exception:

Where *stairways* connect stepped *aisles* to cross *aisles* or concourses, *stairway* landings are not required at the transition between *stairways* and stepped *aisles* constructed in accordance with Section 1029.

REFERENCED SECTIONS:

1003.6 Means of egress continuity.

The path of egress travel along a *means of egress* shall not be interrupted by a building element other than a *means of egress* component as specified in this chapter. Obstructions shall not be placed in the minimum width or required capacity of a *means of egress* component except projections permitted by this chapter. The minimum width or required capacity of a *means of egress* system shall not be diminished along the path of egress travel.

1005.3 Required capacity based on occupant load.

The required capacity, in inches (mm), of the *means of egress* for any room, area, space or story shall be not less than that determined in accordance with Sections 1005.3.1 and 1005.3.2:

1010.1.6 Landings at doors.

Landings shall have a width not less than the width of the *stairway* or the door, whichever is greater. Doors in the fully open position shall not reduce a required dimension by more than 7 inches (178 mm). Where a landing serves an *occupant load* of 50 or more, doors in any position shall not reduce the landing to less than one-half its required width. Landings shall have a length measured in the direction of travel of not less than 44 inches (1118 mm).

Exception: Landing length in the direction of travel in Groups R-3 and U and within individual units of Group R-2 need not exceed 36 inches (914 mm)



Q: Within an interior exit stairway enclosure, is a security door or gate located on an intermediate landing between floor levels permitted along the path of egress travel down the stairway?

A: Yes. Section 1003.6 requires that the minimum width or required capacity of a means of egress system shall not be diminished along the path of egress travel. Therefore, if the security door or gate provides at least the same occupant capacity as the exit stairway in accordance with Section 1005.3, the code does not prohibit such a door or gate in this location. The security door or gate, however, must also swing in the direction of egress travel as required

by Section 1010.1.2.1 and be provided with landings on both sides of the security door or gate which complies with all of the door and stairway dimensional landing requirements of Sections 1010.1.6 and 1011.6. In addition, all security doors or gates must be provided with door hardware which complies with the intent of Section 1010.1.9.12 for interior stairway means of egress doors.
