



PATIO AND EXTERIOR DOOR REPLACEMENT INFORMATION

BUILDING SERVICES



This handout clarifies the requirements for residential exterior door replacement projects in the Town of Danville.

1. A building permit is required for all residential patio & exterior door replacements, regardless of whether the frames are changed or altered. In making a submittal for a building permit, please provide three copies of a floor plan (8-1/2 X 11 paper is acceptable) showing a footprint of the building with all existing and proposed doors and their sizes. The drawing should clearly indicate which doors are to be replaced or installed in conjunction with the proposed project.

2. Floors and landings at exterior doors: (*Patio Doors*) CRC R311.3. There shall be a landing or floor on each side of each exterior door. The width of each landing shall not be less than the door served. Every landing shall have a minimum dimension of 36-inches measured in the direction of travel. Exterior landings shall be permitted to have a slope not to exceed ¼ units vertical in 12 units horizontal (2-percent). **Exception:** Exterior balconies less than 60 square feet and only accessible from a door are permitted to have a landing less than 36-inches measured in the direction of travel.

3. Floor elevations at the required egress doors: (*Main Entry Door*) CRC R311.3.1. Landings or floors at the required egress door shall not be more than 1 ½-inches lower than the top of the threshold.

Exception: The exterior landing or floor on the exterior side shall not be more than 7 ¾-inches below the top of the threshold provided the door does not swing over the landing or floor.

Where exterior landings or floors serving the required egress door are not at grade, they shall be provided with access to grade by means of a ramp or stairway.

4. Floor elevations for other exterior doors. (*Patio Doors*) CRC R311.3.2. Doors other than the required egress door shall be provided with landings or floors not more than 7 ¾-inches below the top of the threshold.

Exception: A landing is not required where a stairway of two or fewer risers is located on the exterior side of the door, provided the door does not swing over the stairway. The maximum riser height for stairways is 7 ¾-inches, minimum tread depth is 10 inches.

(If windows are also proposed to be replaced, please refer to the [Window Replacement Information handout](#).)