

Notice: Internal Elevator Car Dimensions Reduction

This notice serves to clarify requirement language within DS-02 Universal Design Standard (Version 1.1, July 2019) related to internal elevator car dimensions, effective immediately.

Clarification:

Design Standard 02 (DS-02) Universal Design Standard, page 31, Clause 5.7.d):

"The internal elevator car dimensions shall be designed in accordance with platform capacity and passenger flow analysis, but as a minimum, shall provide a clear turning diameter of 1800mm to allow one wheelchair user to turn within."

Internal elevator car dimensions reduction and additional language to clarify requirements for internal elevator car dimensions for existing platform infrastructure:

- d) The internal elevator car dimensions shall be designed in accordance with platform capacity and passenger flow analysis, but as a minimum, shall provide a ~~minimum clear turning diameter car width of 1800mm~~ 1700mm to allow ~~two customers who use wheelchairs to travel side by side~~ one wheelchair user to turn within.
- e) Where it is technically not feasible to provide an elevator with flow-through configuration due to existing physical layout or site constraints, a non-flow-through elevator is permitted. The non-flow-through elevator shall:
 - 1. Have clear turning diameter between 1700mm and 1800mm;
 - 2. Provide convex mirrors or a mirror on the back wall; and
 - 3. Elevator doors shall remain fully open at least 8 s.
- f) For existing platform conditions, as a minimum, passenger elevators shall be sized in compliance to Appendix E of ASME A17.1/CSA B44 for clear turning diameter and provide adequate access for a patient stretcher in the prone position as per the Ontario Building Code.

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