

# BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing  
**AIBC, EGBC, BOABC**

**File No: 24-0074**

**INTERPRETATION**

**Page 1 of 1**

Interpretation Date: March 18, 2025

Building Code Edition: BC Building Code 2024

Subject: Sloped parking garage floor

Keywords: Parking garage, Ramp

Building Code Reference(s): 3.3.1.14.(1), Div A 1.4.1.2. (definition of ramp)

## **Question:**

Are the parking stalls themselves and the drive aisle adjacent to parking stalls in a storage garage allowed to be steeper than 1 in 20?

## **Interpretation:**

No.

The parking stalls themselves and the drive aisle adjacent to parking stalls must be designed to maximum 1 in 20 slope and must provide all the required access to exit paths within the 1 in 20 slope to avoid the ramp requirements as defined in Div A 1.4.1.2.

The vehicular ramps between different parking levels may have steeper slope, but these ramps are not acceptable for the pedestrian use. If there is a need for pedestrian traffic connection between the different parking levels, ramps with landings and stairs must be designed as required by the building code.



Patrick Shek, P.Eng., CP, FEC, Committee Chair

The views expressed are the consensus of the joint committee with members representing AIBC, EGBC and BOABC, which form the BC Building Code Interpretation Committee. The Building and Safety Standards Branch, Province of BC and the City of Vancouver participate in the committee's proceedings with respect to interpretations of the BC Building Code. The purpose of the committee is to encourage uniform province wide interpretation of the BC Building Code. These views should not be considered as the official interpretation of legislated requirements based on the BC Building Code, as final responsibility for an interpretation rests with the local *Authority Having Jurisdiction*. The views of the joint committee should not be construed as legal advice.