

BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, EGBC, BOABC

File No: 18-0173

INTERPRETATION

Page 1 of 1

Interpretation Date:	March 15, 2022
Building Code Edition:	BC Building Code 2018
Subject:	Water Closet Calculations
Keywords:	Water Closets, Occupant Load, Calculations, Reduction
Building Code Reference(s):	3.7.2.2.(2), 3.7.2.2.(4)

Question:

An occupancy classified as Group A, D, E, or F, has an occupant load of 20 or less. Sentence 3.7.2.2.(2) indicates that if a single universal toilet room designed to Section 3.8 is provided, then the total number persons in the building is permitted to be reduced by 10 before applying Sentences (6), (7), (8), (12), (13), or (14).

Does that mean that Sentence 3.7.2.2.(2) can then be applied using the remainder 10 persons occupant load in this example?

Interpretation:

Yes.

If a single universal toilet room designed to Section 3.8 is provided, after reduction of the occupant load by 10 in accordance with Sentence 3.7.2.2.(2), then the remaining 10 persons occupant load can be used for the purposes of applying Sentence 3.7.2.2.(4). Therefore, in the example given, there will be a total of 2 washrooms required to be provided (one of which is the universal toilet room).

See also past BC Building Code Interpretation 06-0021.



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

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