

# Public Review

## Vancouver Building By-law (VBBL)

### Proposed change to 10.2.1.3. 4 Storey Compliance Pathways

**Topic:** 4 storey residential building compliance pathways

**Code change number:** 24-0013

**Code reference:** 10.2.1.3. Residential Buildings of 4 Storeys or More, and Commercial Buildings (including Hotels and Motels)

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## Description of the proposed change

This includes changes to 10.2.1.3. to allow 4 storey residential buildings to comply with the requirements of either Sentence 10.2.1.5.(2) or Sentence 10.2.1.5.(3).

## Justification

4 storey MURBs may benefit from a less onerous performance modelling process than the Energy Step Code methodology of 10.2.1.3. Immediate VBBL implementation would increase misalignment with the BCBC's ESC, however, if the feedback supports this option then we will confer with the province to include province wide.

- Note that 4 storey MURBs using the 10.2.1.5. option;
  - o would still be Part 3 buildings requiring registered professionals rather than an EA, and
  - o would no longer be subject to the commissioning of 10.2.2.18 that applies to 10.2.1.2 and 10.2.1.3 buildings.

## Proposed VBBL content

### Legend

Black Text – 2019 Vancouver Building By-law content

Underlined Black Text – Proposed modification to Vancouver Building By-law content

**10.2.1.3. Residential Buildings of 4 Storeys or More, and Commercial Buildings (Including Hotels and Motels)**

1) All *buildings* containing Group C, D, or E *Major Occupancies*, except those included in Article 10.2.1.4 through 10.2.1.5., or as permitted by Sentence (2).

a) shall be designed in compliance with energy and emissions performance per Article 10.2.2.5,

b) ~~[UTV Deleted]~~. (renumbering to be confirmed at end of process)

c) ~~[UTV Deleted]~~. (renumbering to be confirmed at end of process)

d) ~~[UTV Deleted]~~. (renumbering to be confirmed at end of process)

e) shall be provided with vestibules in compliance with Article 10.2.2.8.,

f) shall be provided with metering equipment in compliance with Article 10.2.2.9,

g) shall be provided with lighting in compliance with Article 10.2.2.10.,

h) shall comply with Article 10.2.2.15., where domestic gas-fired fireplaces are provided,

i) shall *commission* equipment, controls, meters, submeters and systems in compliance with Article 10.2.2.18.,

j) shall provide airtightness testing in compliance with Article 10.2.2.21, and

k) may provide exterior heated spaces in compliance with Article 10.2.2.22.

2) A building that is entirely of Group C major occupancy except subsidiary occupancies, is not more than 4 storeys in building height, and does not include a Hotel or Motel, may comply with this Article by complying with the requirements of either Sentence 10.2.1.5.(2) or Sentence 10.2.1.5.(3).