

**BC BUILDING CODE INTERPRETATION COMMITTEE
AIBC, APEGBC, BOABC, POABC**

File No: 98-0160

INTERPRETATION

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Interpretation Date: November 28, 2006 Rev. – June 21, 2011

Building Code Edition: BC Building Code 1998

Subject: DWV piping for townhouses over parking slab

Keywords: DWV piping,

Building Code Reference(s): 3.1.9.4.(3)(4)(5)(6), 3.2.1.2., 9.10.9.7.

Question:

A project that consists of combustible townhouses that do not contain horizontal fire separation(s) constructed on top of a storage garage with concrete floor/roof assembly constructed according to Article 3.2.1.2.

Is it acceptable to change the drain, waste and vent (DWV) piping material from non-combustible to combustible and vice versa?

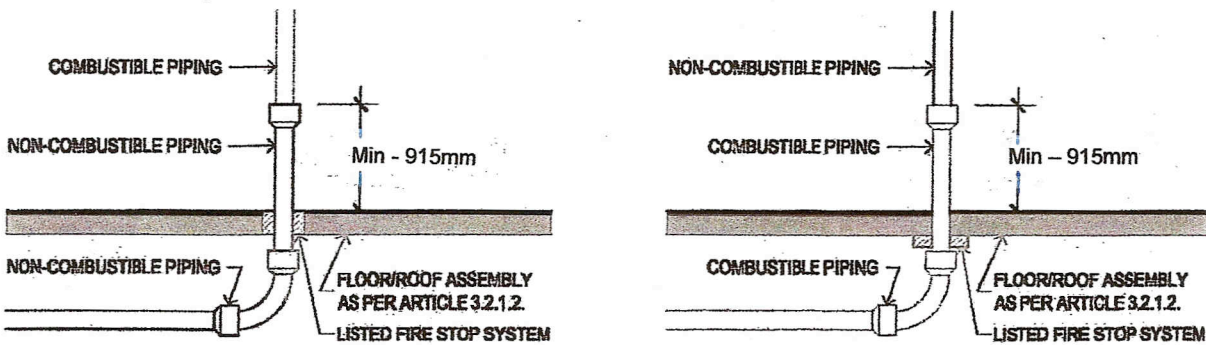
Interpretation:

Yes.

Piping within a storage garage constructed in accordance with Article 3.2.1.2. must be the same type of material, non-combustible or combustible, including the portion penetrating through the floor/roof assembly and must have a listed fire stop system with the FT rating.

Note that the same pipe material must penetrate 900 mm above the floor/roof assembly in accordance with CAN4-S115-M testing criteria before it is allowed to change from combustible to non-combustible and vice versa.

Refer also to interpretations 98-0139 and 98-0159.



R. J. Light
R. J. Light, Committee Chair

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