

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

File No: 98 - 0113

INTERPRETATION

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Interpretation Date: April 21, 2004

Building Code Edition: BC Building Code 1998

Subject: Stack Vents

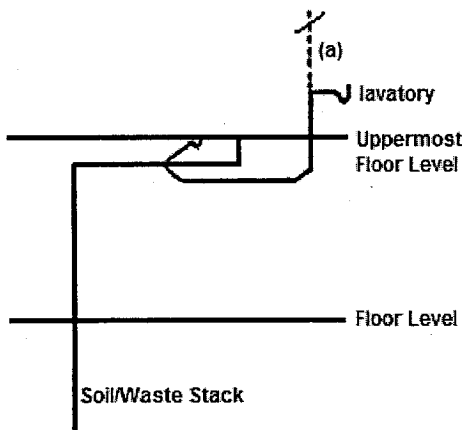
Keywords: Stack Vents

Building Code Reference(s): 7.5.4.1.(1), 7.5.8.4.(1),(2) & (3)
Table 7.5.8.4.

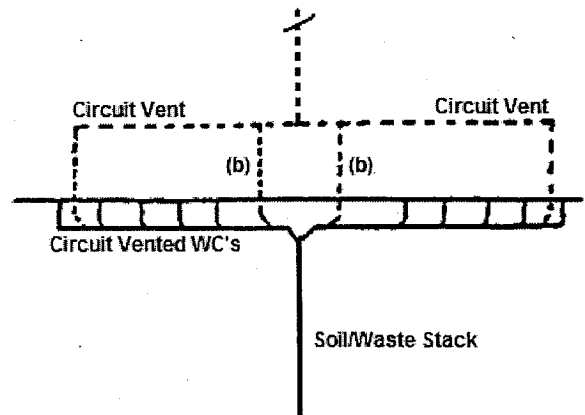
Question:

The 1998 BCBC Sentence 7.5.4.1.(1) requires the upper end of every soil or waste stack to terminate in a stack vent.

1. In Drawing A, could vent (a) be considered the required stack vent if sized accordingly?
2. In Drawing B, could either vent (b) be considered the required stack vent if sized accordingly?



Drawing A



Drawing B

Interpretation:

1. Yes. Providing the upper end of the stack at the lavatory is sized as a stack using the total load at the base of the stack. The stack vent is sized to Table 7.5.8.4. and 7.5.8.4.(1) & (3) where applicable using the total load at the base of the stack.
2. Yes. Sentence 7.5.8.4.(2) permits a relief vent to act as the required stack vent if sized as a stack vent using the total load at the base of the stack. The remaining relief vent (b) must be installed to serve the other circuit vented branch.


R. J. Light, Committee Chair