

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

INTERPRETATION		
Interpretation Date:	July 17, 2002	File No.: 98-0053
Building Code Edition:	BC Building Code 1998	
Subject:	Vent Stack Connections	
Keywords:	Stacks, Vent Stacks	
Building Code Reference(s):	7.4.2.1.(2)(a)(b), 7.4.2.1.(4), 7.5.4.2.(2), 7.5.4.2.(3)(f)	Page 1 of 2

Question:

1. Is the *vent stack* connection shown in Drawing A (Page 2) acceptable?
2. Is the *vent stack* connection shown in Drawing B (Page 2) acceptable?
3. Should there be a minimum distance between the WC and the base of the stack or will the *vent stack* alleviate the effect of the hydraulic jump?

Interpretation:

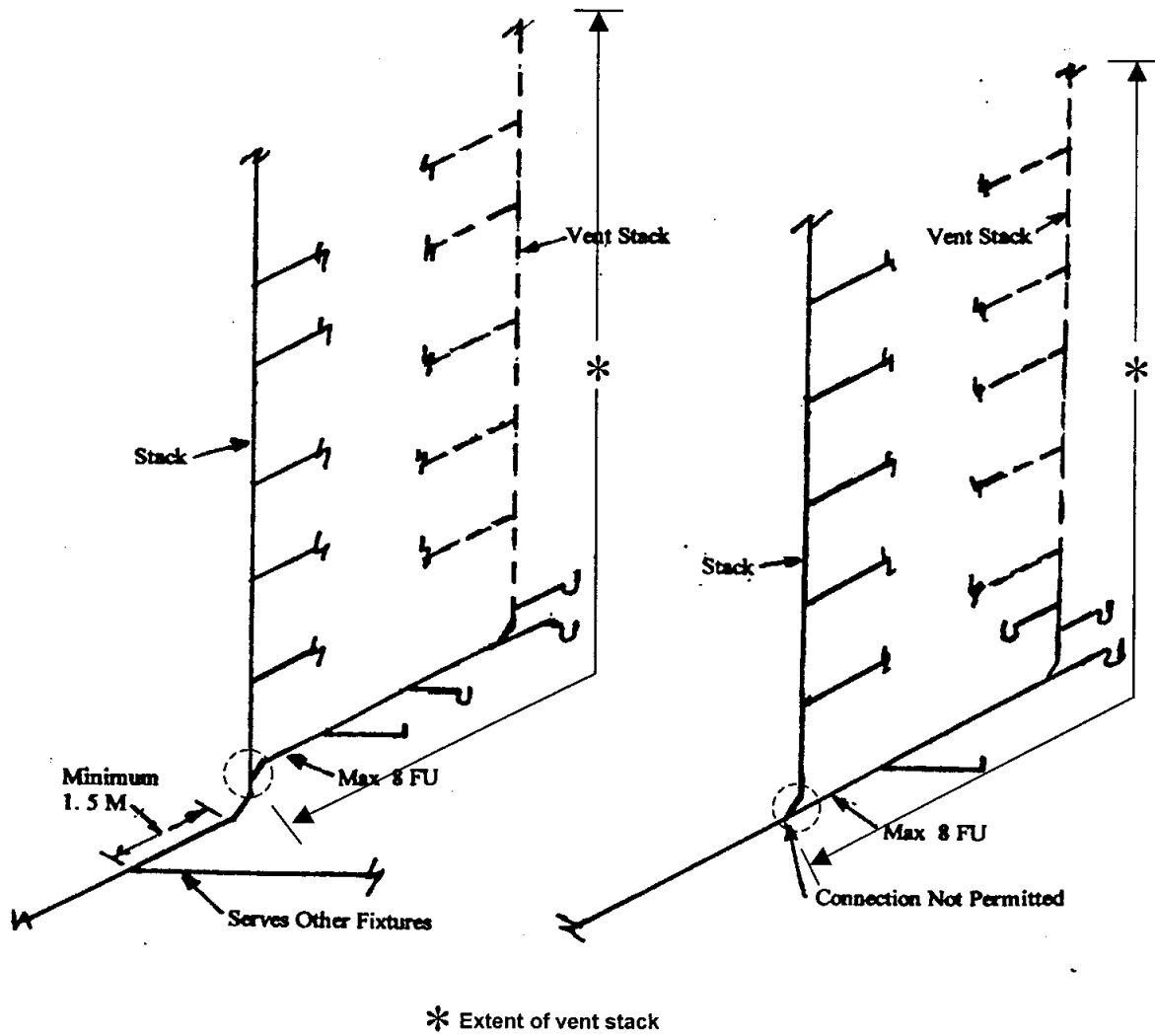
1. Yes, Drawing A is an acceptable *vent stack* connection.
 - (a) Sentence 7.5.4.2.(2) indicates acceptable *vent stack* connection locations.
 - (b) Sentence 7.5.4.2.(3) indicates acceptable methods of connecting *fixtures* to a *vent stack*.
2. No, Drawing B is not an acceptable *vent stack* connection.
 - (a) The *vent stack* must be connected to the *soil-or-waste stack* in accordance with Sentence 7.5.4.2.(2) and not to the horizontal *soil-or-waste pipe*.
 - (b) It should be noted that Clause 7.5.4.2.(3)(f) prohibits the connection of any *soil-or-waste pipes* within a suds pressure zone, which would include connections to a *vent stack*.
3. Sentence 7.4.2.1.(2) addresses connections made to the bottom of *soil-or-waste stacks* where hydraulic jump may effect connected *fixtures*. *Branch* connections serving other *fixtures* must be kept a minimum 1.5 metres downstream of the base of a stack.



R.J. Light, Committee Chair

The views expressed are the consensus of the joint committee of AIBC, APEGBC, BOABC, and POABC, which form the BC Building Code Interpretation Committee. 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.

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Drawing A

Drawing B