

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

**File No: 06-0034**

**INTERPRETATION**

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Interpretation Date: June 17, 2008

Building Code Edition: BC Building Code 2006

Subject: Soil Pipe acting as a Relief Vent

Keywords: Relief Vent , Circuit Vent

Building Code Reference(s): 7.5.3.1. (4) ; 7.5.7.3. (2) ;  
7.5.2.1. (1) (e)

**Question:**

1. Can a soil-or-waste stack or a wet vent act as the relief vent for a circuit vented branch if a WC is attached as shown in Division B – Figure A-7.5.3.1.-R on Page 608 ( example 1 ) ?
2. If so, does Clause 7.5.2.1. (1) (e) restrict the trap arms and fixture drains to maximum 2 inch other than emergency floor drains?

**Interpretation:**

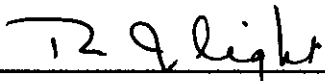
1. Yes

Sentence 7.5.3.1. (4) states that "A soil-or-waste pipe having a hydraulic load not greater than 6 fixture units may act as the relief vent for a branch that is circuit vented." By definition, soil-or-waste stacks and wet vents are soil-or waste-pipes.

2. No

Clause 7.5.2.1. (1) (e) applies only to the wet vent portion of the soil-or-waste stack shown in the Appendix example drawing and does not apply to a soil-or-waste pipe acting as the relief vent. Soil-or-waste pipes acting as the relief vent for a circuit vented branch are sized in accordance with Sentence 7.5.7.3. (2)

It is also noted that Sentence 7.5.7.3. (2) appears to contain errors regarding the referenced Tables 7.5.8.3. or 7.5.8.4. These references should read Tables 7.4.10.6. A or 7.4.10.6. B and 7.5.8.1. or Article 7.5.7.1.



R. J. Light, Committee Chair

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