

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

File No: 98-0074

INTERPRETATION

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Interpretation Date:

June 18, 2003

Building Code Edition:

BC Building Code 1998

Subject:

Sizing Water Supply Pipe

Keywords:

Sizing , Water supply Pipe

Building Code Reference(s):

7.6.3.1. (1) (2) Table 7.6.3.

Question:

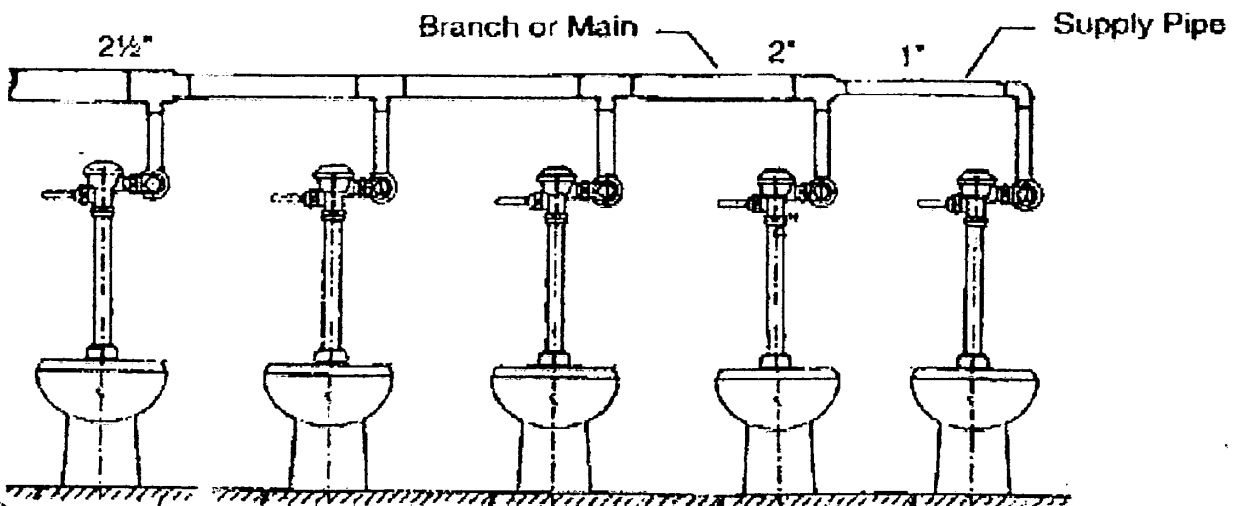
1. What is the minimum size copper water supply pipe to a 10 fixture unit direct flush valve serving a public water closet?

2. Is there a conflict between Table 7.6.3. and Clause 7.6.3.1. (2) (a) of the BC Building Code?

Interpretation:

1 The noted flush valve water closet could have a minimum 1 inch supply pipe and be in compliance with Column 2 of Table 7.6.3. . This would be subject to the developed length not causing excessive pressure loss (i.e. 27 GPM / 1 inch pipe = 15 PSI pressure loss per 100 Feet of pipe).

2 No -- All piping upstream of the next fixture supply pipe connection would be a branch or main and become subject to compliance with Clause 7.6.3.1. (2) (a). This would require a maximum velocity of 1.5m/sec. (5 feet/sec.) for all piping upstream of the single fixture supply pipes where copper tube is used. The definition of a water distribution system is determined to be the piping upstream of the water supply outlet pipe.



R. J. Light

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.