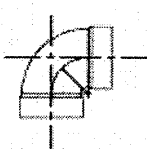
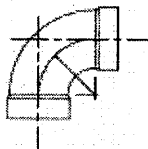
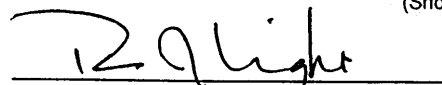


**BC BUILDING CODE INTERPRETATION COMMITTEE**  
**AIBC, APEGBC, BOABC, POABC**

<b>File No: 06-0017</b>	<b>INTERPRETATION</b>	<b>Page 1 of 1</b>
Interpretation Date:	November 20, 2007	
Building Code Edition:	BC Building Code 2006	
Subject:	Radius of 90 Degree Elbows	
Keywords:	Elbows, Radius	
Building Code Reference(s):	7.2.4.3.(1),(2) (a),(b) and (c).	
<b>Question:</b>		
<ol style="list-style-type: none"><li>1. Is a 90 degree elbow of 4 inch size or less whose centre-line radius is equal to or greater than the size of the pipe (long sweep) permitted to be used to change direction on fixture trap arms other than as indicated in Sentence 7.2.4.3.(2)?</li><li>2. Is a 90 degree elbow of 4 inch size or less whose centre-line radius is less than the size of the pipe (short sweep) permitted to be used to change direction on fixture trap arms other than as indicated in Sentence 7.2.4.3.(2)?</li></ol>		
<b>Interpretation:</b>		
<ol style="list-style-type: none"><li>1. Yes. In accordance with Sentence 7.2.4.3.(1), a 90 degree elbow of 4 inch size or less may be used to join two soil-or-waste pipes providing the centre-line radius is equal to or greater than the size of the pipe (long sweep). Clauses 7.2.4.3.(2) (a),(b) and (c) restricts the use of short sweep 90 degree elbows (those with a centre-line radius less than the size of the pipe) to those specific locations noted.</li><li>2. No. Clauses 7.2.4.3.(2) (a), (b) and (c) restricts the use of 90 degree elbows of 4 inch size or less whose centre-line radius is less than the size of the pipe (short sweep) to those specific locations noted. It should be noted that the use of 90 degree elbows with piping greater than 4 inch in size is not restricted.</li></ol>		
<div style="display: flex; justify-content: space-around; align-items: center;"><div style="text-align: center;"><p>Radius &lt; Pipe Dia. (Short Sweep)</p></div><div style="text-align: center;"><p>Radius ≥ Pipe Dia. (Long Sweep)</p></div></div>		
 R. J. Light, Committee Chair		
<small>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.</small>		