

# Building Officials' Association of British Columbia



## Level 1 Study Session

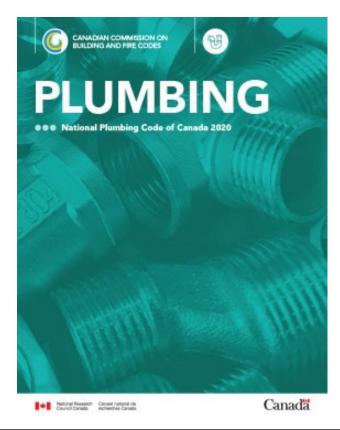
Based on 2024 BCBC
Book II (Plumbing Systems)



## **Introduction to Plumbing Inspections**



This workshop is intended to familiarize participants with the basic components of water pipe and DWV systems commonly installed in Single Family Dwellings and small Part 9 buildings.





### **Introduction to Plumbing Inspections**





#### Information Bulletin

Building and Safety Standards Branch PO Box 9844 Stn Prov Govt Victoria BC VSW 9T2 Email: building.safety@gov.bc.ca Website: www.gov.bc.ca?buildingcodes

No. P24-01 April 25, 2024

#### British Columbia Building Code 2024 Book II (Plumbing Systems)

This bulletin provides information about the British Columbia Building Code 2024 Book II (Plumbing Systems) and new requirements for plumbing systems. "British Columbia Building Code Book II (Plumbing Systems) is the name given within the British Columbia Building Code Book II (Plumbing Systems) is the name given within the British Columbia Building Code Book II (Plumbing Systems) is commonly referred to as the British Columbia Building Code Book II (Plumbing Systems) is commonly referred to as the British Columbia Plumbing Code 2024 (Plumbing Code). This edition applies to projects for which a building permit is applied for on or after March 8, 2024.

#### **Updates to the BC Codes**

Plumbing Code users should be aware of the changes in the Building Code 2024 from the 2018 edition that relate to plumbing systems. These changes are discussed in Bulletin B24-05. For example, the term 'owner' is now defined which helps establish who can perform plumbing work on a single detached dwelling.

#### **Getting the Plumbing Code**

The British Columbia Building Code 2024 Book I (General) (Building Code) adopts the British Columbia Building Code Book II (Plumbing Systems) by reference in Part 7 of Division B, it also effectively states that the British Columbia Building Code 2024 Book II (Plumbing Systems) is the National Plumbing Code of Canada 2020 (NPC 2020).

#### Using the Plumbing Code

The NPC 2020 is a national model document, and there are unique-to-B.C. provisions that are required to coordinate with B.C.'s regulatory framework and to clarify rules and establish who can perform what work.

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<sup>&</sup>lt;sup>1</sup> The Building Code 2024 is available on the <u>Building and Safety Standards Branch website</u>.

The contents of this Bulletin are not intended to be provided as legal advice and should not be relied upon as legal advice. The Building and Safety Standards Branch does not enforce compliance with the British Columbia Building Code. Local authorities are authorized to enforce the British Columbia Building Code through the Local Government Act and the Community Charter.

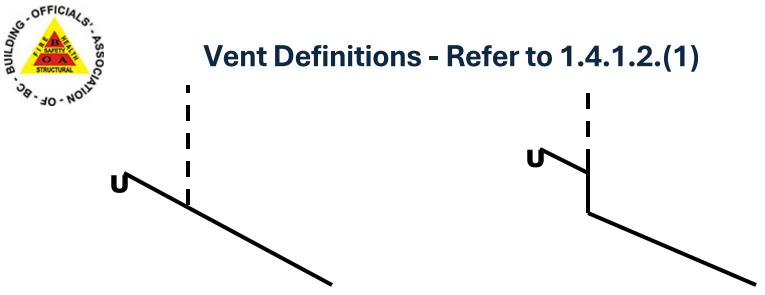




## **Drainage & Venting**

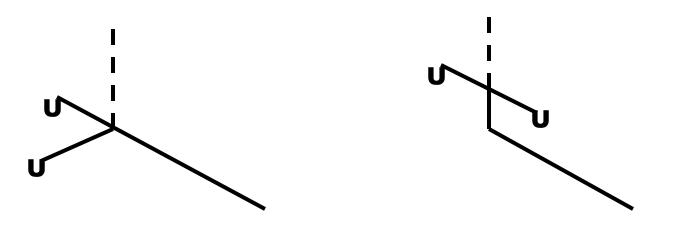
Always name piping sections first!

- Determine F.U. Load and length (if applicable)
- 3. Remember exceptions for specific tasks (i.e., largest trap served, minimum size, etc..)

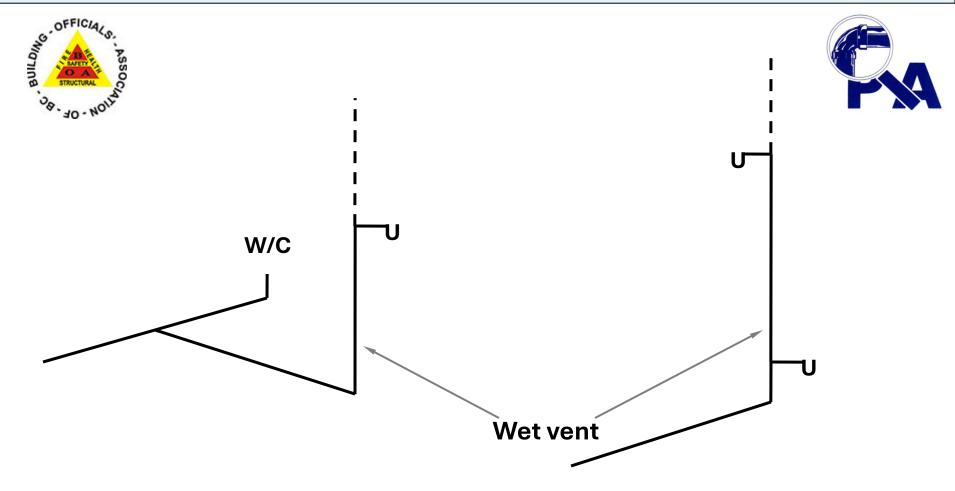




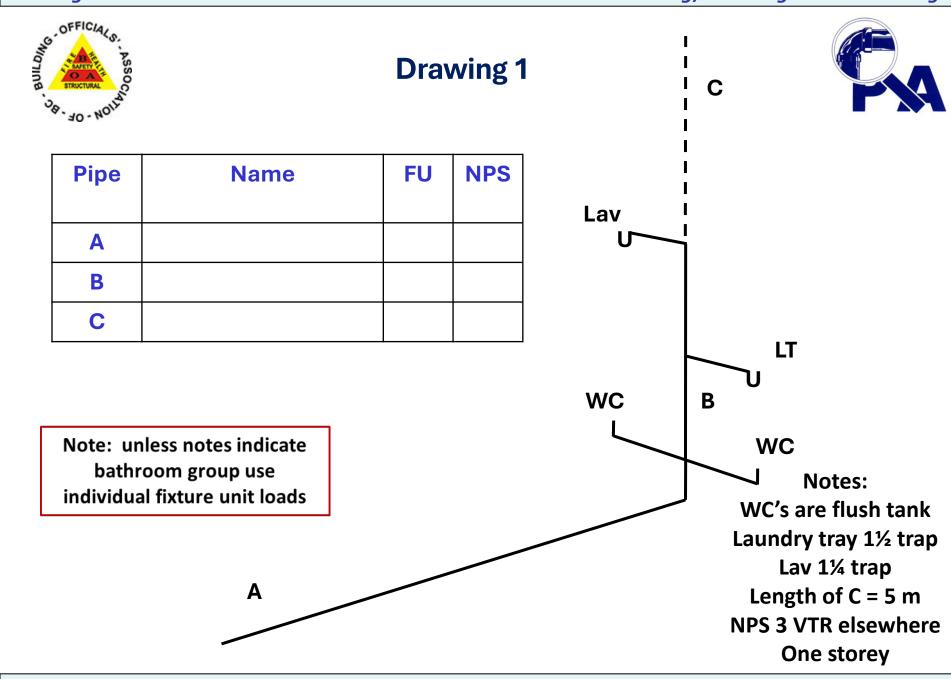
Individual vent means a vent pipe that serves one fixture.

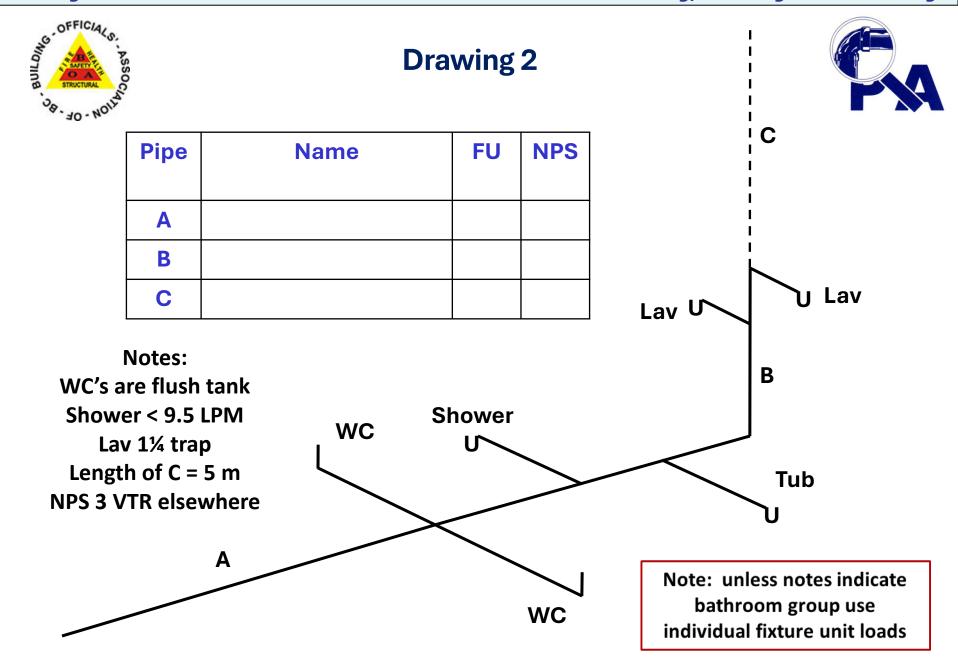


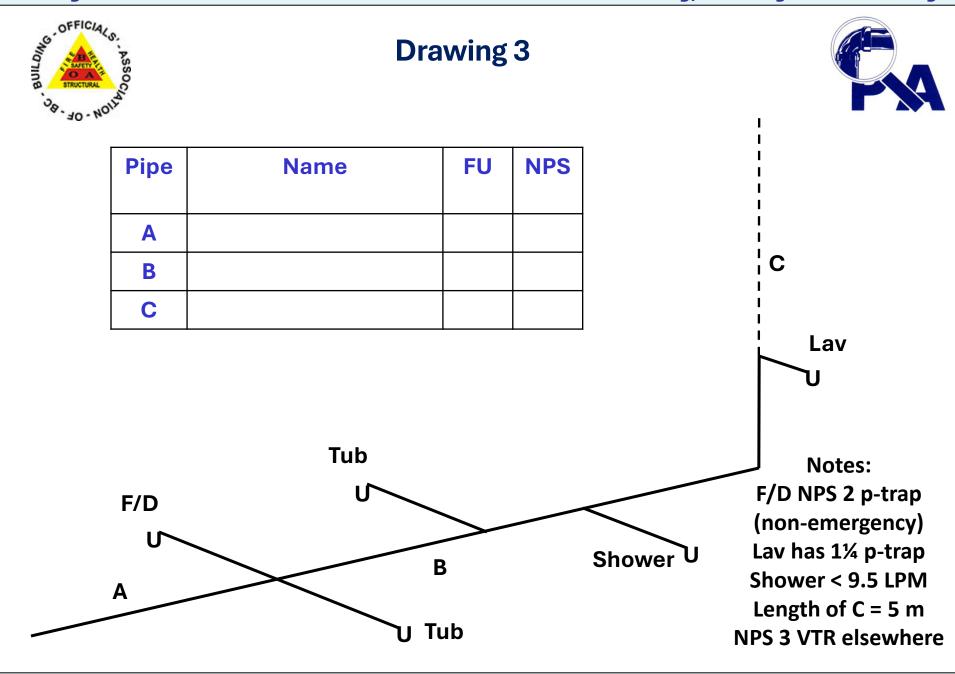
Dual vent means a vent pipe that serves 2 fixtures and connects at the junction of the trap arms.

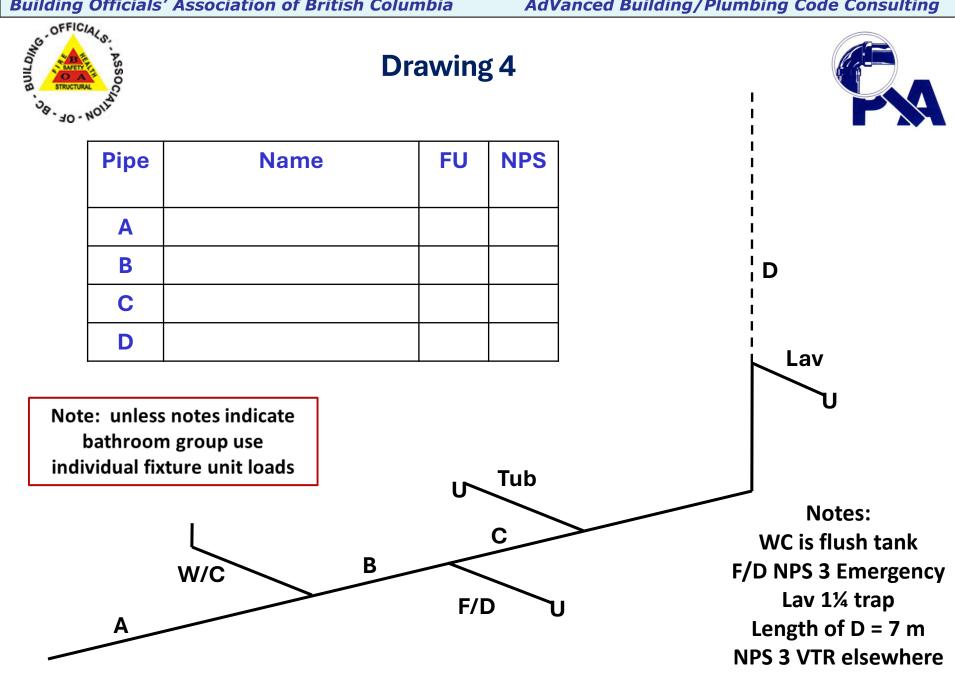


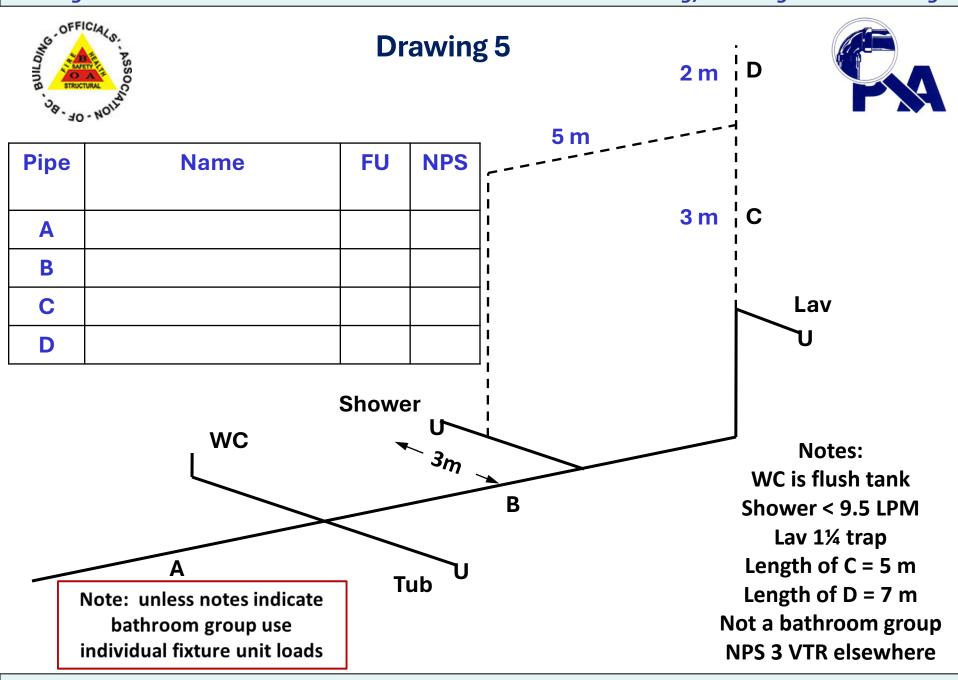
Wet vent means a sanitary drainage pipe that also serves as a vent pipe and extends from the most downstream wet-vented fixture connection to the most upstream fixture connection.

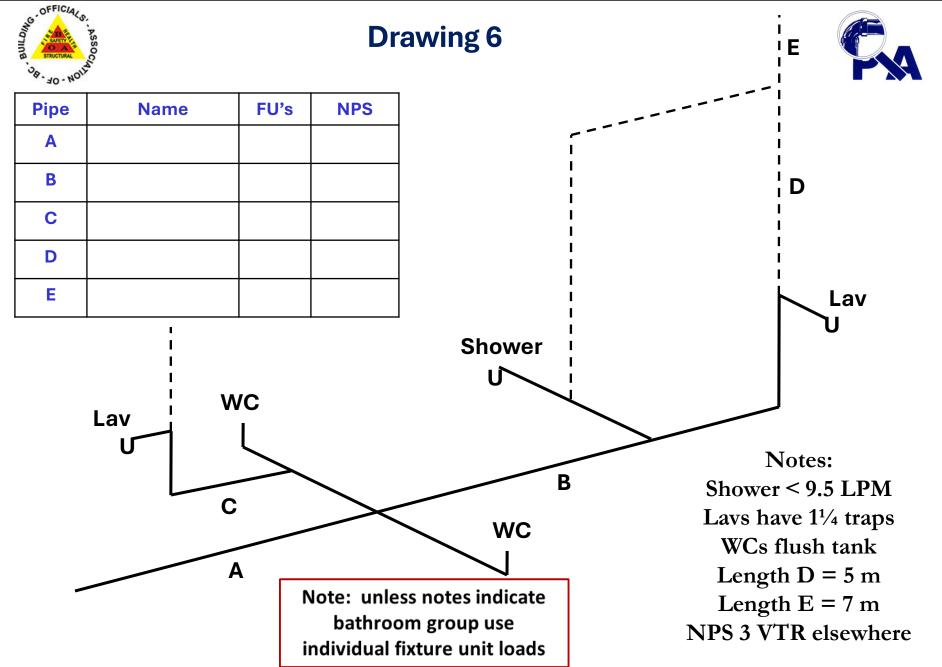




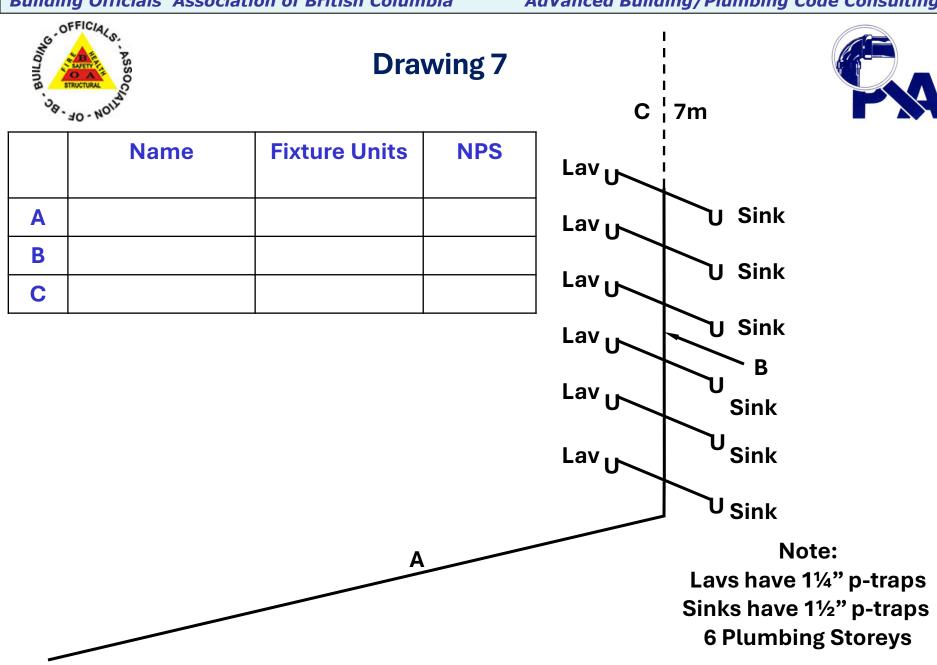


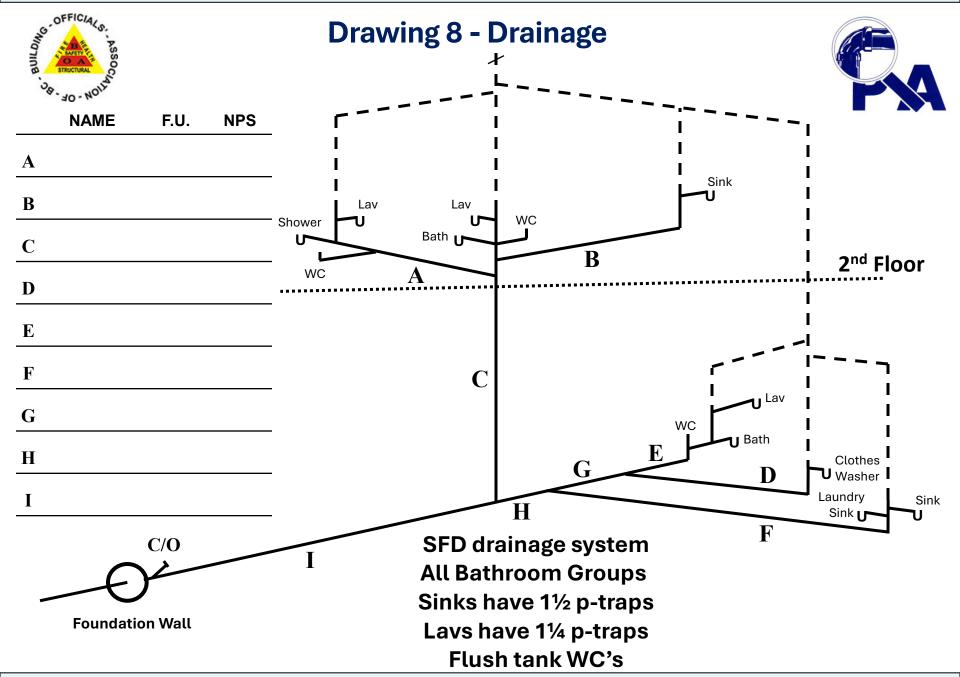


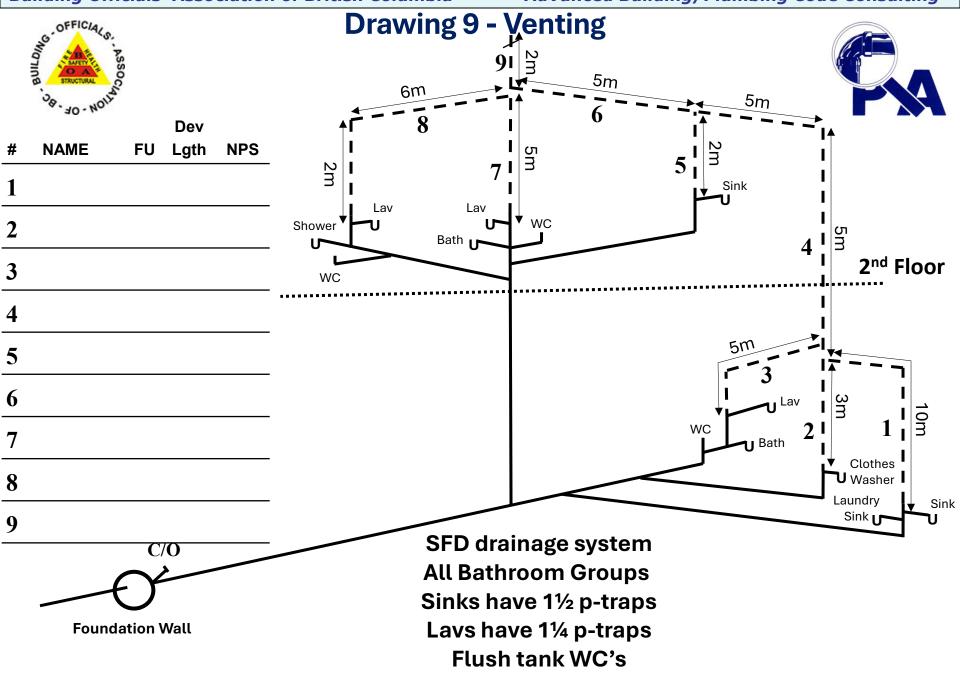


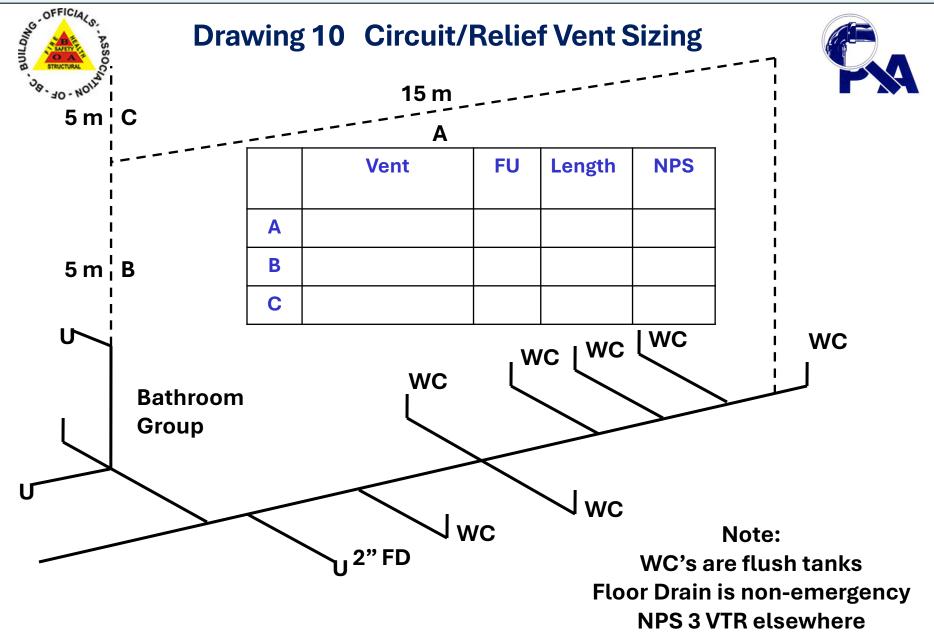


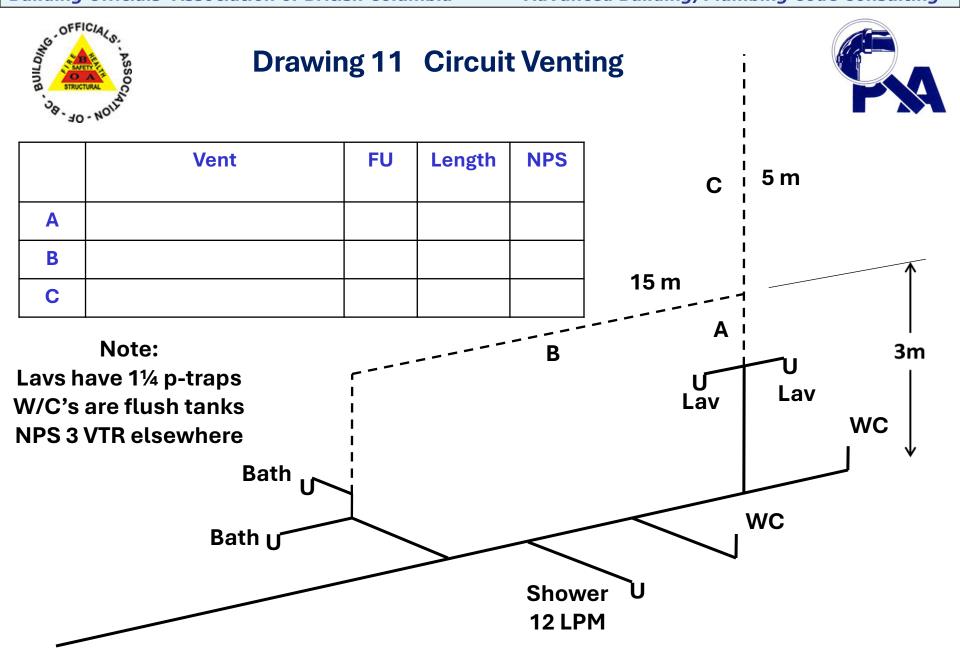
AdVanced Building/Plumbing Code Consulting













## **List BCPC Infractions of This Wet Vent System**



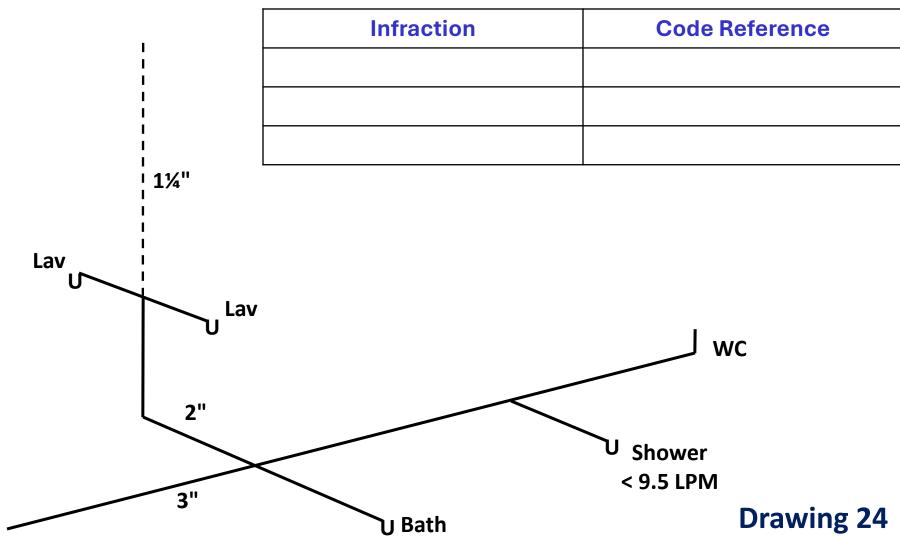
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		i I
		U Lav
	Poth	
	Bath	
		1½"
	2"	Drawing 23
3"	wc	
5		

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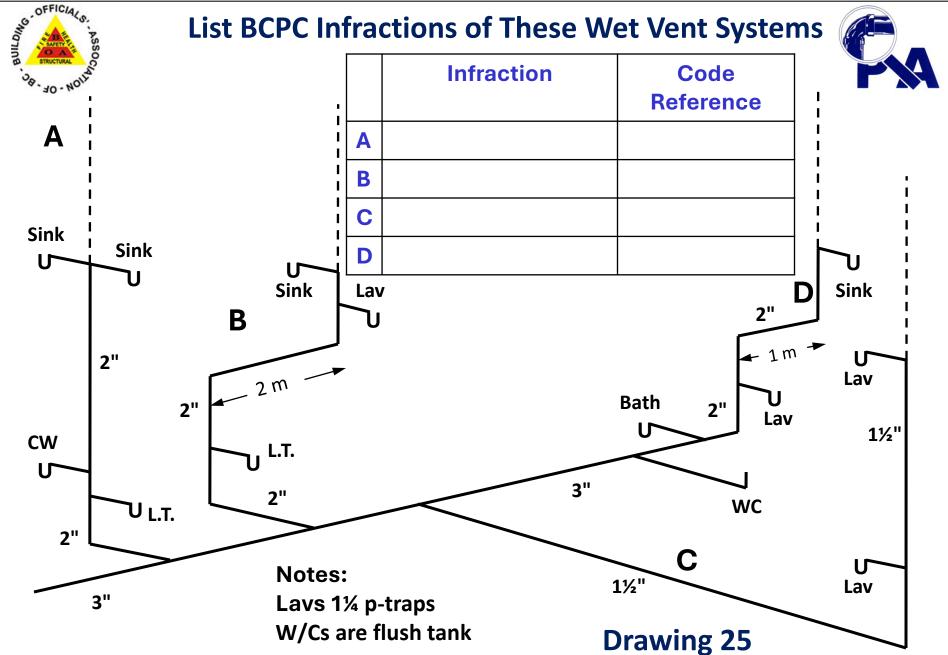


## **List BCPC Infractions of This System**





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