



ONTARIO PLUMBING INSPECTORS' ASSOCIATION

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HOUSE – DRAINAGE AND VENTING

H – 7.5.2.1.(1) A sanitary drainage pipe is permitted to serve as a wet vent, provided

(d) the water closets are installed downstream of all other fixtures,

I – 7.5.2.1.(1) (j) the wet vented portion is not reduced in size except...

J – 7.4.7.1.(10) A cleanout shall be installed on a trap arm serving a kitchen sink as close as practical to the trap outlet and shall be readily accessible.

K – 7.5.7.2.(2) Sanitary building drains shall be provided with at least one vent that is not less than NPS 3.

(3) A vent referred to in Sentence (2) shall be a soil stack if one is available and may be a vent stack or waste stack that provides at least NPS 3 stack vent and that goes to open air above the roof, either directly or through a header.

L – 7.4.7.2.(1) Except as provided in Sentences (2) and (3) and 7.4.7.1.(6) the nominal pipe size and spacing of cleanouts in nominally horizontal pipes of a drainage system shall conform to Table 7.4.7.2.

M – 7.5.1.1.(3) A trap that serves a floor drain or hub drain need not be protected by a vent pipe separately where,

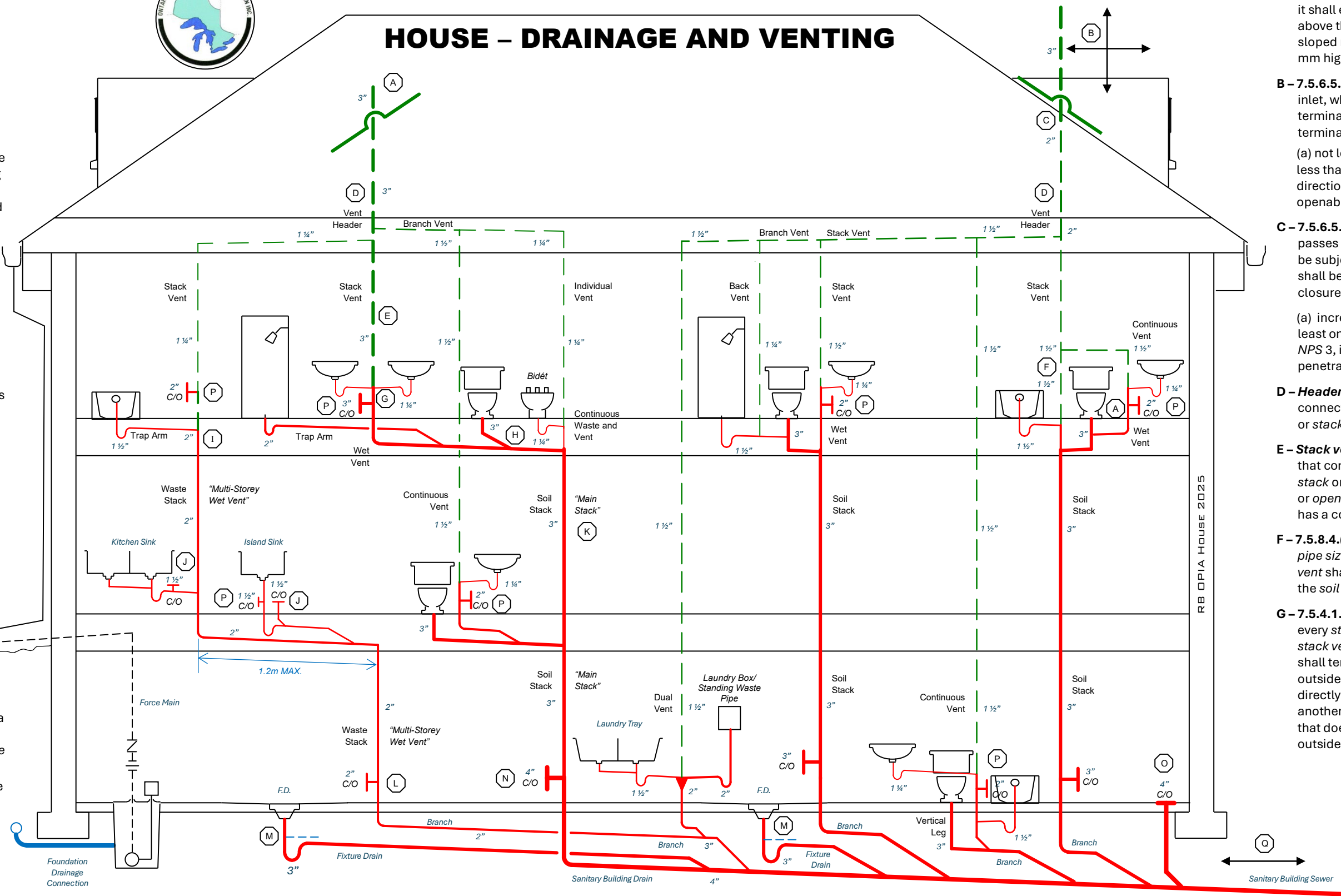
(a) the nominal pipe size of the trap is not less than NPS 3,
(b) the length of the fixture drain is not less than 450 mm,
(c) the fall on the fixture drain does not exceed its nominal pipe size, and

N – 7.4.9.1.(2) Where a building drain connects to a stack through a wall or floor, the drain shall retain its full size through the wall or floor.

O – 7.4.7.1.(6) Building drains shall be provided with a cleanout fitting of NPS 4 or larger that is located as close as practical to the place where the drain leaves the building.

P – 7.4.7.1. (1) Sanitary drainage systems and storm drainage systems shall be provided with cleanouts that will permit cleaning of the entire system.

Q – Sanitary building sewer means a pipe that is connected to a sanitary building drain 1 000 mm outside a wall of a building and that conducts sewage to a public sewer or private sewage disposal system.



A – 7.5.6.5.(9) Where a sleeve flashing is installed on a flat roof, it shall extend at least 150 mm above the flood level and on a sloped roof shall be at least 150 mm high on the short side.

B – 7.5.6.5.(4) Except for a fresh air inlet, where a vent pipe is terminated in open air, the terminal shall be located,
(a) not less than 1 m above or not less than 3.5 m in any other direction from every air inlet, openable window or door,

C – 7.5.6.5.(6) Where a vent pipe passes through a roof, and may be subjected to frost closure, it shall be protected from frost closure by

(a) increasing its diameter at least one NPS, but not less than NPS 3, immediately before it penetrates the roof.

D – Header means a vent pipe that connects two or more vent stacks or stack vents to open air.

E – Stack vent means a vent pipe that connects the top of a soil stack or waste stack to a header or open air and “stack vented” has a corresponding meaning.

F – 7.5.8.4.(3) The minimum nominal pipe size of vent stack or stack vent shall be one-half the NPS of the soil or waste stack at its base.

G – 7.5.4.1.(1) The upper end of every stack shall terminate in a stack vent and the stack vent shall terminate in open air outside the building, or connect directly or through a header to another stack vent or vent stack that does terminate in open air outside the building.

