

Exception: Water closets shall be permitted to be up to eight (8) feet (2,438 mm) horizontally from the stack when connected to the stack through a sanitary tee.

L 8.4.2 Fixtures other than water closets shall be no more than twelve (12) feet (3658 mm) horizontally from the stack.

L 8.4.3 The length of any vertical piping from a fixture trap to a horizontal branch shall not be considered in computing the fixture's horizontal distance from the stack.

L 8.5 Maximum vertical drops from fixtures. Vertical drops from fixture traps to horizontal branch piping shall be one size larger than the trap size, but not less than two (2) inch (50 mm) in diameter. Vertical drops shall be four (4) feet (1219 mm) maximum length. Fixture drains that are not increased in size, or have a vertical drop exceeding 4 feet shall be individually vented.

L 8.6 Additional venting required. Additional venting shall be provided when more than one water closet is on a horizontal branch and where the distance from a fixture trap to the stack exceeds the limits in Section L 8.4. Where additional venting is required, the fixture (s) shall be vented by individual vents, common vents, wet vents, circuit vents, or a combination waste and vent pipe. The dry vent extensions for the additional venting shall connect to a branch vent, vent stack, stack vent, or be extended outdoors and terminate to the open air.

L 8.7 Stack Offsets. Where there are no fixture drain connections below a horizontal offset in a stack, the offset does not need to be vented. Where there are fixture drain connections below a horizontal offset in a stack, the offset shall be vented. There shall be no fixture connections to a stack within 2 feet above and below a horizontal offset.

L 8.8 Separate Stack Required. Where stacks are more than two stories high, a separate stack shall be provided for the fixtures on the lower two stories. The stack for the lower two stories may be connected to the branch of the building drain that serves the stack for the upper stories at a point that is at least 10 pipe diameters downstream from the base of the upper stack.

L 8.9 Sizing Building Drains and Sewers. In a single-stack vent system, the building drain and branches thereof shall be sized in accordance with Table 7-5, and the building sewer shall be sized in accordance with Table 7-8.