

horizontally to the horizontal wet-vented drain branch. The horizontal wet-vented branch drain shall be considered as a vent extending from the downstream fixture drain connection to the most upstream fixture connection.

L 6.1.2 Back-outlet water closets having carriers conforming to Section 407.4 shall be permitted to be battery-vented provided they connect horizontally to the horizontal wet-vented section.

L 6.1.3 Trap arm lengths for fixtures shall not exceed those as indicated in Table 10-1.

L 6.1.4 A battery vent shall be connected to the horizontal wet-vented branch drain between the two (2) most upstream fixture drains.

L 6.1.5 The entire length of the wet-vented section of the horizontal branch drain shall be uniformly sized for the total drainage discharge connected thereto as per Table 7-5. The maximum slope of the horizontal drain shall be three-eighths (3/8) inch (10 mm) per foot (300 mm).

L 6.1.6 A relief vent shall be provided on each wet-vented horizontal branch drain below the uppermost floor. The relief vent shall connect to the horizontal branch drain between the stack and the first upstream fixture drain.

L 6.1.7 Battery vents and relief vent connections shall be taken off vertically from the top of the horizontal drain.

Battery vents and relief vents shall not be used as vertical wet vents.

L 6.1.8 Lavatories and drinking fountains shall be permitted to connect horizontally to the horizontal wet-vented branch drain provided that they are located on the same floor as the battery-vented fixtures and each is provided with either an individual or common vent.

L 6.1.9 Batteries of more than eight (8) battery vented fixtures shall have a separate battery vent for each group of eight (8) or less fixtures, and the horizontal branch drain in each group shall be sized for the total drainage into the branch, including all upstream branches and the fixtures within the particular group.

L 6.1.10 All battery vents and relief vents shall be sized according to Section 904.0, but shall be not less than one-half (1/2) the area of the drain pipe that they serve and shall comply with Section 905.0

L 6.2 Single Bathroom or Single Toilet Room.

L 6.2.1 An individually vented lavatory in a single bathroom or single toilet room shall be permitted to serve as the wet vent for one (1) water closet and/or one (1) bathtub or shower stall, or one (1) water closet and/or one (1) bathtub/shower combination if all of the following conditions are met:

- (1) The wet vent, and the dry vent extending from the wet vent, shall be two (2) inch (50 mm) minimum pipe size.
- (2) The wet vent pipe opening shall not be below the weir of the trap that it serves. Vent sizing, grades, and connections shall comply with Sections 904.0 and 905.0.
- (3) The horizontal branch drain serving both the lavatory and the bathtub or shower stall shall be two (2) inch (50 mm) minimum pipe size.
- (4) The length of the trap arm from the bathtub or shower stall complies with the limits in Table 10-1.
- (5) The distance from the outlet of the water closet to the connection of the wet vent complies with the limits in Table 10-1.
- (6) The horizontal branch drain serving the lavatory and the bathtub or shower stall shall connect to the horizontal water closet branch above its centerline. When the bathroom or toilet room is the top-most load on a stack, the horizontal branch serving the lavatory and the bathtub or shower stall shall be permitted to connect to the stack below the water-closet branch.
- (7) No fixture other than those listed in L 6.2.1 shall discharge through a single bathroom or single toilet room wet-vented system.

L 6.3 Double Bathtubs, Bathtub/Shower Combinations, Shower Stalls, and Lavatories.

Two (2) lavatories, each rated at 1.0 drainage fixture unit (DFU), and two (2) bathtubs, bathtub/shower combinations, or shower stalls, installed in adjacent bathrooms, shall be permitted to drain to a horizontal drain branch that is two (2) inch (50 mm) minimum pipe size, with a common vent for the lavatories and no individual vents for the bathtubs, bathtub/shower combinations, or shower stalls,