

above the drainage centerline of such pipe downstream of the trap being served.

905.3 Unless prohibited by structural conditions, each vent shall rise vertically to a point not less than 15cm (6 in.) above the flood-level rim of the fixture served before offsetting horizontally, and whenever two or more vent pipes converge, each such vent pipe shall rise to a point not less than 15cm (6 in.) in height above the flood-level rim of the plumbing fixture it serves before being connected to any other vent. Vents less than 15cm (6 in.) above the flood-level rim of the fixture shall be installed with approved drainage fittings, material, and grade to the drain.

905.4 Vent pipes shall extend undiminished in size above the roof, or shall be reconnected with a soil or waste vent of proper size.

905.5 The vent pipe opening from a soil or waste pipe, except for water closets and similar fixtures, shall not be below the weir of the trap.

905.6 Two fixtures shall be permitted to be served by a common vertical pipe when each such fixture wastes separately into an approved double fitting, having inlet openings at the same level.

906.0 Vent Termination.

906.1 Each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than 15cm (6 in.) above the roof, nor less than 30cm (1 ft.) from any vertical surface.

906.2 Each vent shall terminate not less than 3m (10 ft.) from, or not less than 90cm (3 ft.) above any openable window, door, opening, air intake, or vent shaft, nor less than 90cm (3 ft.) in every direction from any lot line, alley and street excepted.

906.3 Vent pipes shall be extended separately or combined, of full required size, not less than 15cm (6 in.) above the roof or fire wall. Flagpoling of vents shall be prohibited except where the roof is used for purposes other than weather protection. Vents within 3m (10 ft.) of any part of the roof that is used for such other purposes shall extend not less than 2m (7 ft.) above such roof and shall be securely stayed.

906.4 Vent pipes for outdoor installations shall extend not less than 3m (10 ft.) above the surrounding ground and shall be securely supported.

906.5 Joints at the roof around vent pipes shall be made water-tight by the use of approved flashings or flashing material.

906.6 Lead. See Table 14-1 or equivalent International Standard(s) approved by the Authority Having Jurisdiction. Sheet lead shall be not less than the following:

For safe pans – not less than 20kg/m² (4lbs./ft.²) or 2mm (1/16 in.) thick .

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For flashings or vent terminals – not less than 20kg/m² (4lbs./ft.²).

Lead bends and lead traps shall be not less than 3mm (1/8 in.) wall thickness.

907.0 Vent Stacks and Relief Vents.

907.1 Each drainage stack that extends ten or more branch intervals above the building drain or other horizontal drain, shall be served by a parallel (relief) vent stack, which shall extend undiminished in size from its upper terminal and connect to the drainage stack at or immediately below the lowest fixture drain. Each such vent stack shall also be connected to the drainage stack at each fifth floor, counting down from the uppermost fixture drain, by means of a yoke vent, the size of which shall be not less in diameter than either the drainage or the vent stack, whichever is smaller.

907.2 The yoke vent connection to the vent stack shall be placed not less than 1m (42 in.) above the floor level, and the yoke vent connection to the drainage stack shall be by means of a wye-branch fitting placed below the lowest drainage branch connection serving that floor.

907.3 Drainage stacks with horizontal offsets shall be vented where five or more branch intervals are located above the offset. The upper and lower section of the horizontal offset shall be vented in accordance with Sections 907.3.1 and 907.3.2.

907.3.1 Venting Upper Section. The vent for the upper section of the stack shall be vented as a separate stack with a vent stack connection installed at the base of the drainage stack. Such vent stack shall connect below the lowest horizontal branch or building drain. Where the vent stack connects to the building drain, the connection shall be located downstream of the drainage stack and within a distance of ten times the diameter of the drainage stack.

907.3.2 Venting Lower Section. The vent for the lower section of the stack shall be vented by a yoke vent connecting between the offset and the next lower horizontal branch by means of a wye-branch fitting. The size of the yoke vent and connection shall not be less in diameter than the required size for the vent serving the drainage stack. The yoke vent connection shall be permitted to be a vertical extension of the drainage stack.

908.0 Wet Venting.

908.1 Vertical Wet Venting.

908.1.1 Wet venting is limited to vertical drainage piping receiving the discharge from the