

SEC. 777. Rain water leaders shall not be connected with or emptied into house sewers, nor used as soil water or vent pipes. Nor shall any soil, waste or vent pipes be used as a leader. No cistern overflow shall have a connection with a sewer.

Rain water
leaders.
Ib., Sec. 5.

SEC. 778. Within buildings and for four feet outside of the same no soil, waste or drain pipe, nor downshaft or vent shall be constructed of brick, sheet metal or earthen ware, but the same shall be of cast iron soil pipe. In every case when a line of sewer cannot be placed four feet from the building cast iron pipe shall be used. In case of back-air ventilation cast iron or lead pipe shall be used. In no case shall wrought iron pipe be used.

Metal pipe
required.
Ib., Sec. 6.

SEC. 779. Every fixture having a waste pipe shall have a separate, suitable approved trap placed as near the fixture as possible, except in the case of washtrays, when one trap may answer for a set of three compartments of such fixtures. These traps shall be protected from syphonage, or air pressure, by a special air pipe of a size not less than the waste pipe, but air pipes for water closets, stop hoppers and grease traps shall be of a size not less than two-inch bore. No more than two fixtures shall be allowed, except in case of fixtures having vents smaller than two inches, when three fixtures, with one and one-half inch vents may be used on a two-inch vent pipe, but when one two-inch vent is used only two fixtures will be allowed on a two-inch vent of twenty feet or less. Where over twenty feet or more than the above mentioned fixtures are placed, the vent pipe shall be not less than three-inch bore, and ten fixtures shall be allowed, without regard to the size of fixture vents on a three-inch vent pipe. When more than ten fixtures are placed a four-inch vent pipe shall be used. Back-air pipes shall be run in as direct lines as practicable; they shall be so arranged as to drain water of condensation and shall either extend independently through and above the roof of the house, or be connected with the main soil pipe above the highest fixture of the building.

Traps.
Ib., Sec. 7.

Vents.

SEC. 780. Every water closet or line of water closets on the same floor shall be supplied with water from an independent tank or cistern for each closet, and the flushing pipe shall be not less than one and one-quarter inches in diameter. No water closet shall be supplied with water direct from the city supply. No water closet known as the "pan" or "plunger" or "valve" or "hopper" shall be used in any plumbing which may be constructed or reconstructed after the passage of this ordinance. And no closets shall hereafter be allowed except those of such make as have traps above the floor. Where earthen closets are used a brass plate must be soldered on to the lead pipe where it comes through

Water closets.
Ib., Sec. 8.