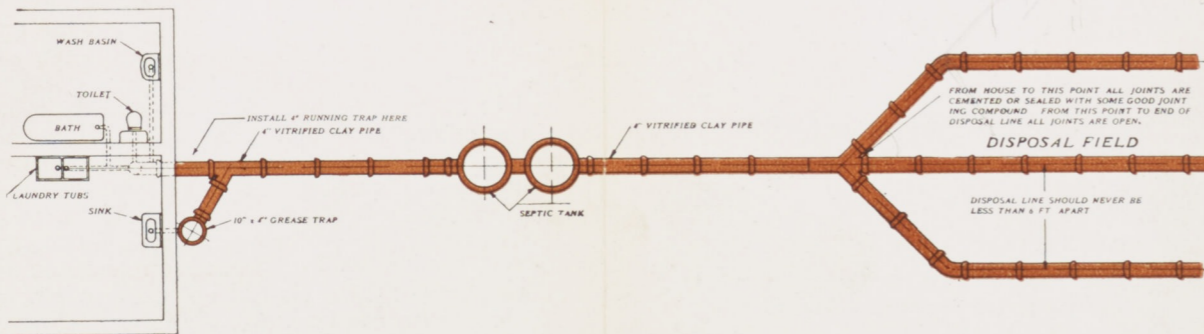


## UNIVERSAL - AMERICAN DISTRIBUTION SYSTEM

If Universal-American Septic Tanks are to function properly, extreme care must be taken in the construction of the drainage system which carries the effluent from the Septic Tank. Conditions vary in proportion to the ground conditions at the point of installation of the Septic Tank. A sandy soil will require less drainage capacity than will a medium or heavy clay soil. Accordingly, the length of the drain must be determined by the seepage qualities found in the ground at point of drainage as well as the number of persons served by the Septic Tank. Consult table on previous pages for complete data.



## SEPTIC TANKS

The outlet from the Septic Tank should be made up for the first four or six feet of vitrified sewer pipe with tight joints followed by 4-inch land tile or sewer pipe without cemented sockets. It is necessary to cover the joints in this line with tar paper or other material to prevent the loose ground from entering the tile and impeding the flow of sewage. It is also suggested that the tile be placed in cinders, loose gravel or like material. It is recommended that 10 to 12 inches of porous material be placed in the ditch under the land tile.

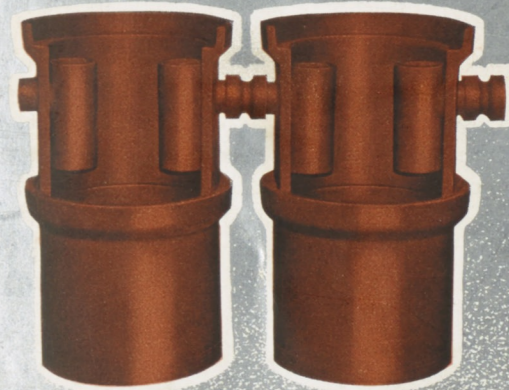
The tile should have a fall of from 4 to 6 inches per hundred feet in porous soils and 2 to 3 inches per hundred feet in compact soil such as clay. Wherever possible a minimum of 30 feet of pipe per person should be used with a recommended length of 40 feet of pipe per person.



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