Drainage Provision to be Made for Outlying Areas.

Columbia Addition which may include some indistriat and who the density of the population is likely to be considerable. The areas heretofore described are generally high. Moreover, the existing development and the evident trend thereof
clearly define these as future residential districts of normal suburban type. Excepted from this generalization, is the West ParkColumbia Addition which may include some indistrial and wherein

flow units as herein: Those several factors have led to an estimate of sewage

Average density of population, 12 per acre.
Average domestic sewage discharge, 40 gallons per capita.
Maximum domestic sewage flow, 100 gallons per capita daily.
Infiltration, 800 gallons per acre daily.

With the sewers designed to flow two-thirds full, or at 80 percent full capacity, these factors lead to the following unit of flow:

TOTAL - - - - - - - - - - - - - - 2,500 G.A.D. Domestic Flow at 12 per acre at 100 G.C.D. = 1,200 G.A.D. tion - - = 800 G.A.D. a for roof connections - - = 500 G.A.D.

At eight-tenths full capacity, this is equivalent to 5,130 G.A.D., and leads to the allowance of 3,000 gallons per acredaily from normal residential territory. This provision is that upon which designs herein are based and is equivalent to a per capita allowance of 250 gallons daily. Although this unit quantity has been used as the basis of designs, in many cases the upper reaches of the "ubtrunks as planned will provide an excess owing to the use of adopted minimum sizes.

normal domestic contribution of 2,750 gallons per acre daily. This rate was applied to all areas -- urban and suburban -- with the sewers flowing partly full. Indistrial and commercial contributions normal domestic contribution of 2,750 gallons per increased the per capita flow. based upon a