BURIED SAND FILTER

COLLECTION LINES
(Bottom of the sand filter)

Collection lines shall have a slope of 6" per 100' & one collection line shall be provided for each 10' of width or fraction thereof.

SIDE VIEW OF EXCAVATION

END VIEW OF THE EXCAVATION

Collection lines laid on top of minimum of 2" of washed gravel.
The dimension of the above sand filter is an example. Sand filters may be designed in various dimensions. The distance maintained between distribution lines and the sand filter wall shall not vary.

Distribution lines shall be spaced 3' center-to-center. 18" from the side wall and the diaphragm wall. All other distribution lines shall be located extended above grade 4". Solid header pipe undisturbed earth. Installed level on top of the sand filter.