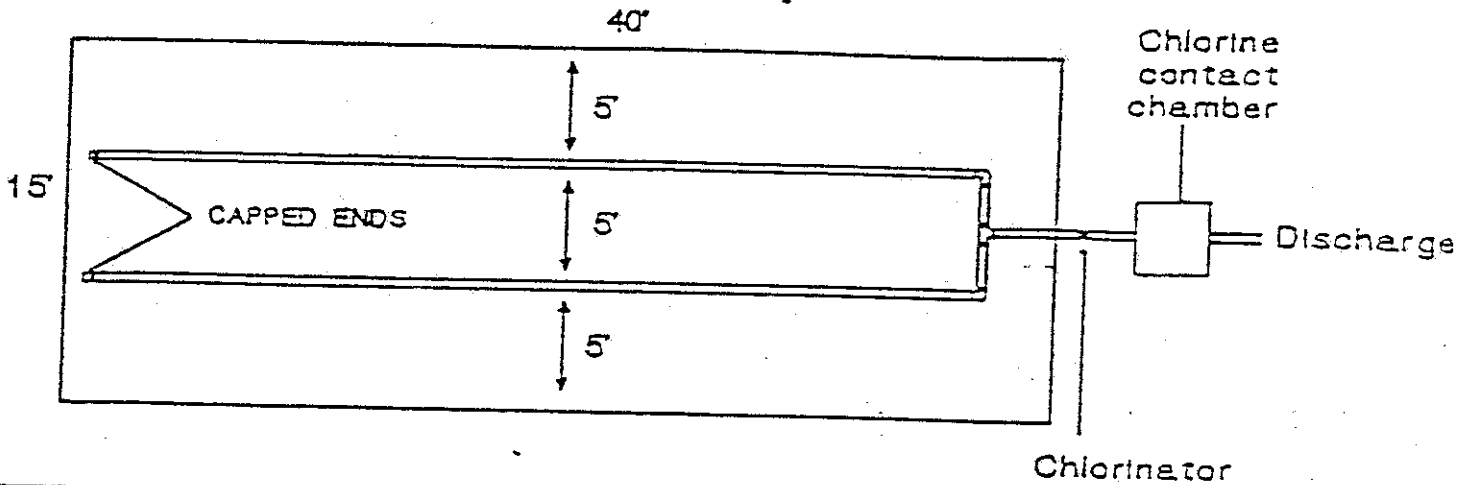
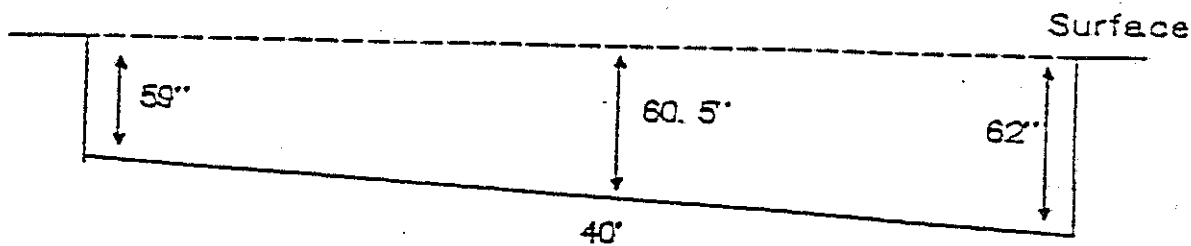


BURIED SAND FILTER COLLECTION LINES (Bottom of the sand filter)

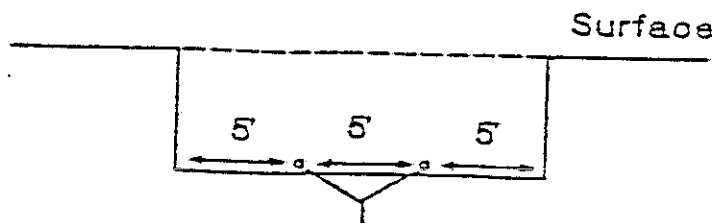
Collection lines shall have a slope of
5" per 100' & one collection
line shall be provided for each 10' of width
or fraction thereof.



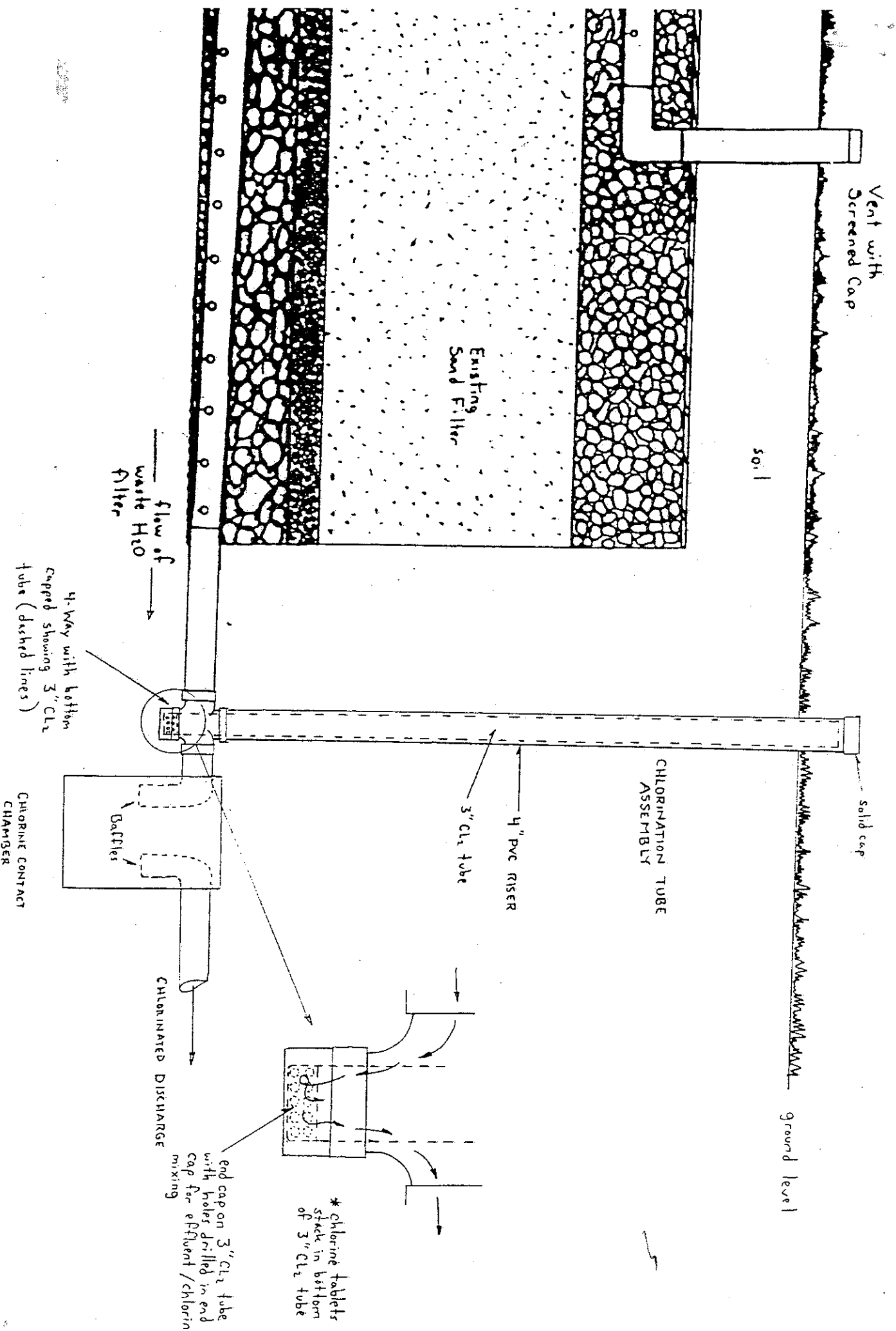
SIDE VIEW OF EXCAVATION



END VIEW OF THE EXCAVATION



Collection lines
laid on top of
minimum of 2" of
washed gravel.



SAND FILTER WITH CHLORINATION TUBE ASSEMBLY
AND CHLORINE CONTACT CHAMBER

* Chlorine tablets
stack in bottom
of 3" Cl₂ tube

End cap on 3" Cl₂ tube
with holes drilled in end
cap for effluent / chlorine
mixing

CHLORINE CONTACT
CHAMBER



4" Wye with bottom
capped showing 3" Cl₂
tube (dashed lines)

flow of
waste H₂O
Filter

Existing
Sand Filter

Vent with
Screened Cap

soil

CHLORINATION TUBE
ASSEMBLY

4" PVC RISER

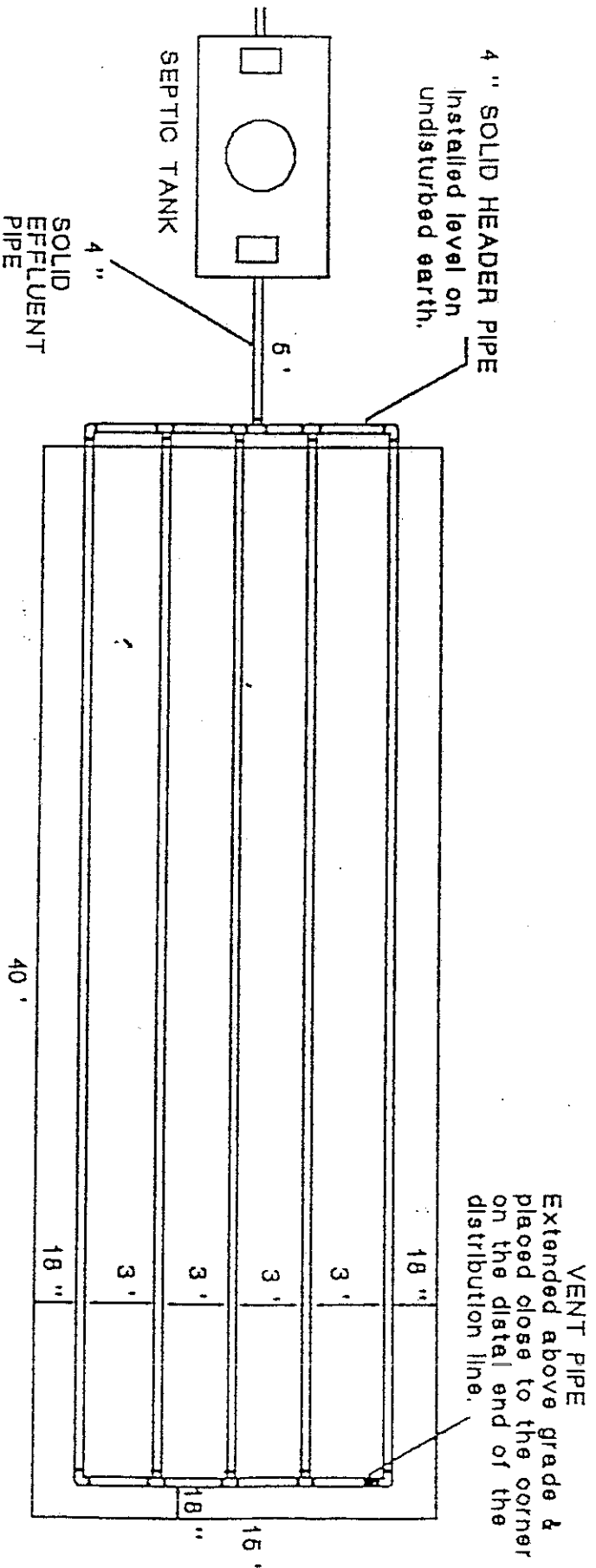
3" Cl₂ tube

solid cap

ground level

BURIED SAND FILTER DISTRIBUTION LINES (Top of the Sand filter)

Distribution line must be layed level. Distribution lines shall be located 18" from the side walls and the distal wall. All other distribution lines shall be spaced 3' center-to-center.



The dimension of the above sandfilter is an example. Sandfilters may be designed in various dimensions. The distance maintained between distribution lines and the sandfilter wall shall not vary.