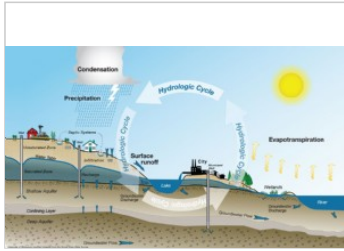


water table

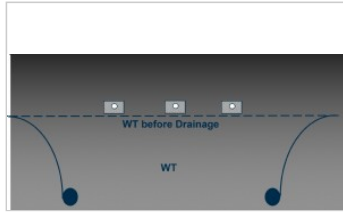
upper surface of groundwater or that level in the ground where the water is at atmospheric pressure.

water table images/graphics:



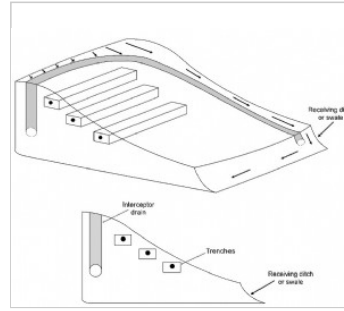
Hydrologic cycle

Hydrologic cycle, large scale landscape, profile view

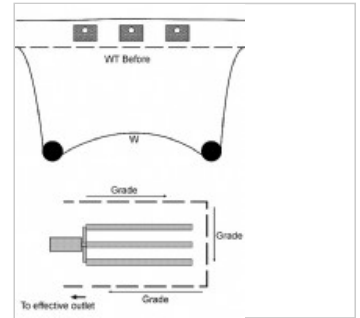


Effect of perimeter tile drainage

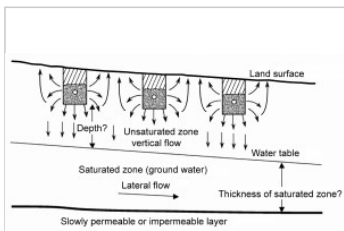
Effect of perimeter tile drainage on water table under STA trenches, cross section



Drain, interceptor



Drain, perimeter



Idealized view of wastewater flow into the soil

GENERAL NOTES:

1. TOPOGRAPHIC AND LOCATION SURVEY FROM A PLAN BY SEA BASE, P.S.
2. BOUNDARY INFORMATION FROM ABOVE REFERENCED PLAN.
3. WATER TABLE AND SOIL DATA FROM CMTS APPROVAL 420-131. WATER TABLE ELEVATION=88.25 <T.P. 30>.
5. SITE IS NOT WITHIN COASTAL PONDS CRITICAL RESOURCE AREA.

DESIGN PERC RATE = 12MPI (175 S.F./BED)

3 BEDROOM x 175 S.F./BED = 525 S.F.

TRENCHES 36" WIDE WITH 6" WASHED ROCK UNDER = 3.0 S.F./L.F.

525 S.F./3.0 S.F./L.F. = 175 L.F. REQUIRED

L.F. PROVIDED = 55' x 3 + 5' x 2 = 175'

TOTAL AREA = 525 S.F.

Example design general notes