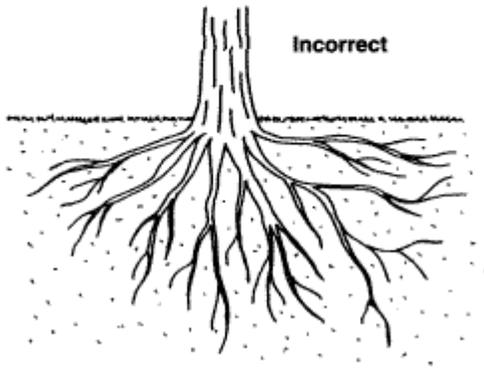
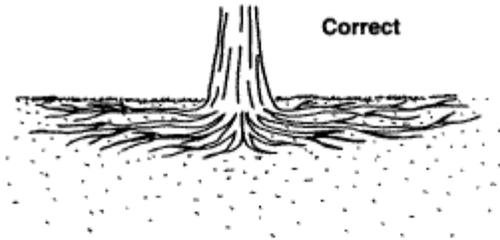
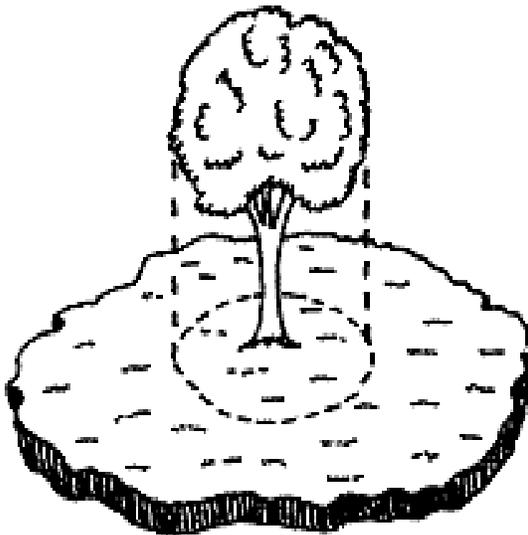


## WHERE DO TREE ROOTS GROW?



Roots are opportunistic. They spread where soil conditions supply adequate moisture, aeration and nutrients. Typically, about 85% of a tree's roots are in the upper 18" of soil. Most absorptive roots are in the top 6-12".

The 'old' model of understanding was that the root structure mirrored underground what was happening above ground. It thought that if a canopy was 30' in height, the roots would also be 30' deep to match. This was simply wrong.



It is common for roots to spread two to three times the width of the branch canopy. While feeder roots travel this far, the most essential roots are usually considered to be within the canopy dripline.