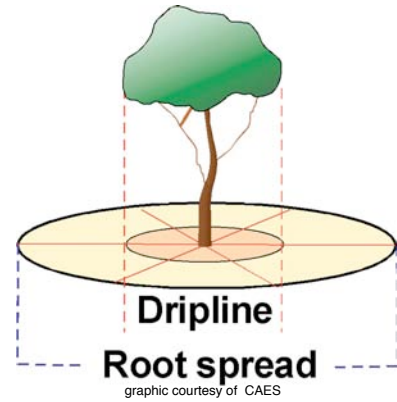


FENCING

TREE FENCING DURING CONSTRUCTION



90% of the fine, absorbing roots critical to the tree's survival are in the upper 6 to 12 inches of soil and extend much farther than the drip line.

WHY IS A TREE PROTECTIVE FENCE IMPORTANT?

Tree fencing keeps heavy equipment and building materials off of the critical root zone preventing compaction and oxygen deprivation. It also prevents damage to the branches of the tree by keeping large equipment at a distance. The optimum Tree Protection Zone is calculated at one foot radius for each inch diameter of the trunk measured at breast height (ie 12" diameter trunk = 12' radius tree protection zone). Tree fencing should cover as large an area as possible while leaving room for construction equipment and materials.

Roots extend much further than the outer canopy of the tree



This fence only provides protection to the trunk and invites trash dumping

Fenced area is Too Small to Protect the Root Zone

The old concrete driveway remains in place throughout construction to prevent compaction in root zone and access for equipment. A thick layer of mulch can also be used



Fenced Area Large As Possible to Protect the Root Zone

for more information visit gardenmagiccompany.com



handout courtesy of The Manhattan Canopy Tree Committee
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