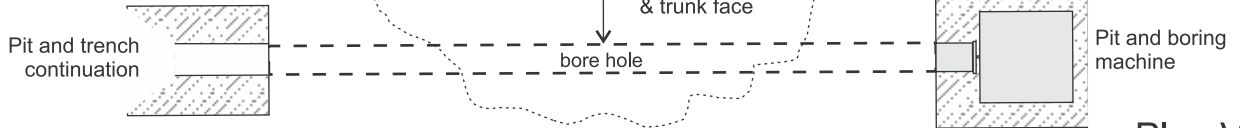


The bore hole should not be located directly beneath the trunk in order to avoid large downward growing oblique roots.

This detail is based on ANSI A300 companion publication to Part 5: *Best Management Practices, Managing Trees During Construction*. International Society of Arboriculture Copyright 2008.

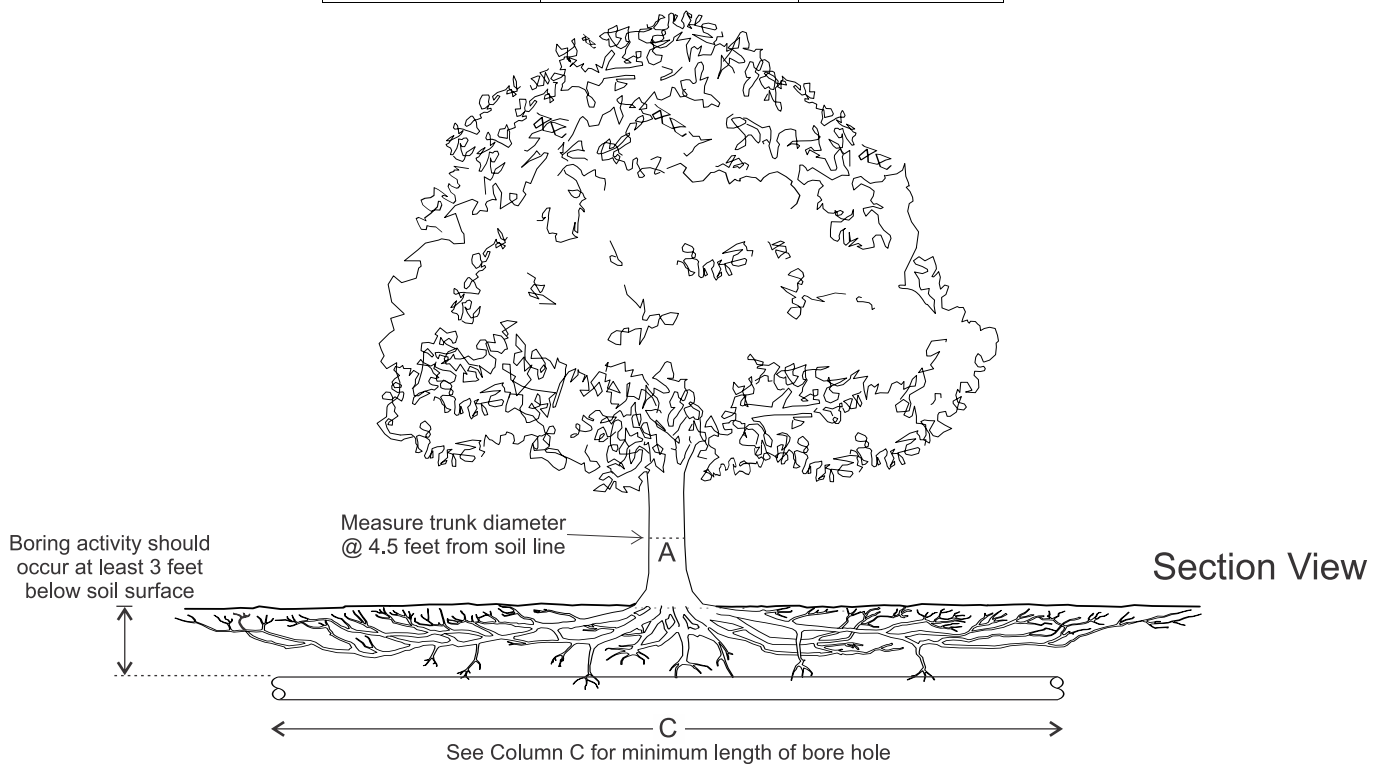


Plan View

Adherence to the dimensions provided in Columns B and C will help to ensure that most, if not all, structurally important roots will remain undamaged by boring activities.

A Tree Diameter Measure at 4 ½ feet from soil	B Minimum Offset Distance from Trunk Face to Edge of Bore Hole	C Minimum Length of Bore Hole (centered on trunk)
inches	feet	feet
2	1	2
3	2	3
5	5	5
10	10	10
15	12	15
20	15	20

Use matrix to correlate trunk diameter (A) to the minimum offset distance from trunk to edge of bore hole (B), and the minimum length of the bore hole (C).



Section View



MONTGOMERY COUNTY
DEPARTMENT OF PERMITTING
SERVICES

MINIMUM DISTANCES
FOR BORING UNDER
TREE ROOTS

DATE: 5 / 16

SCALE: NONE