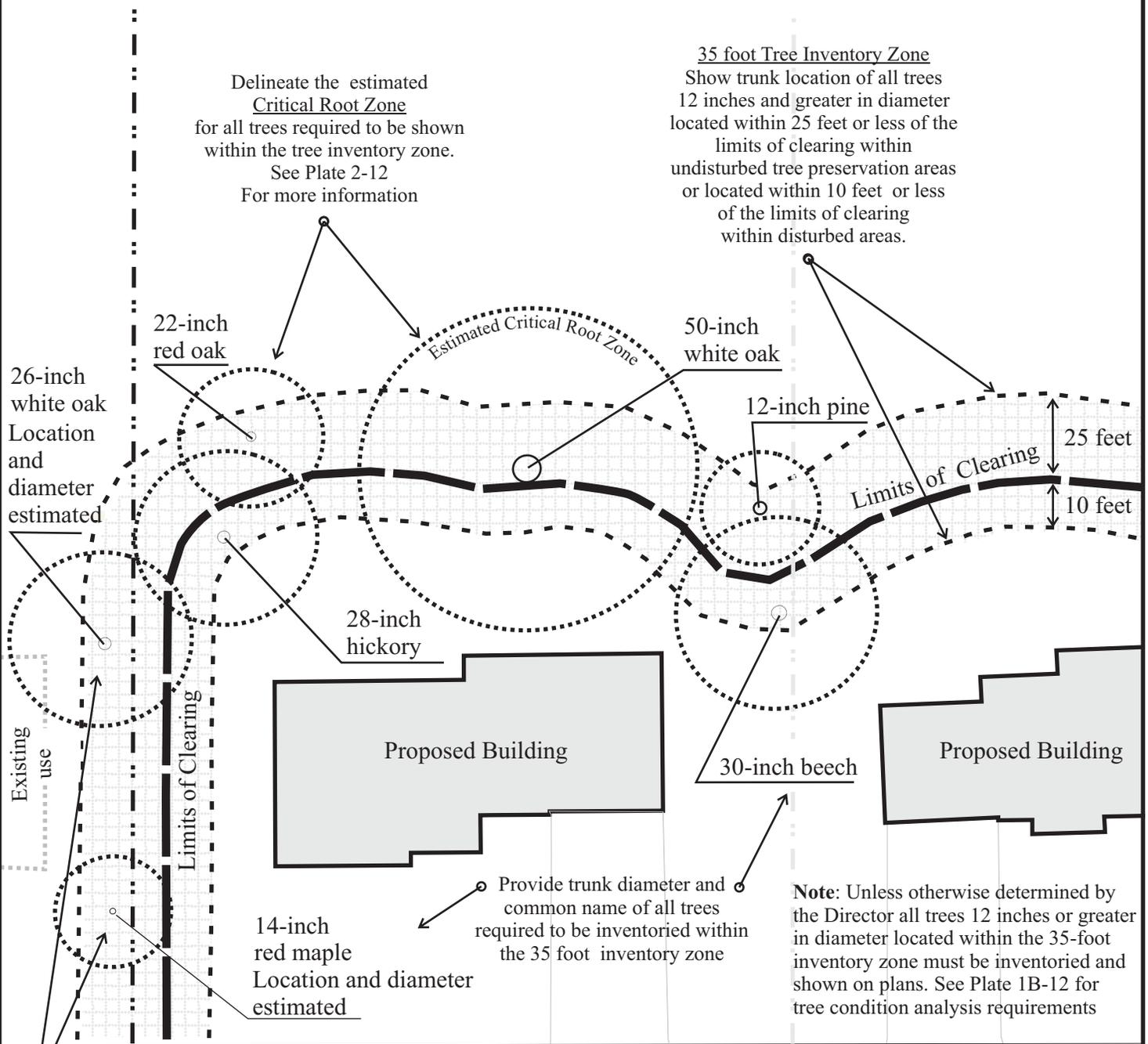


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Offsite trees located within the 35-foot inventory zone occurring on property adjacent to the proposed development site shall be shown on plans. See 12-0507.2C for inventory requirements for offsite trees

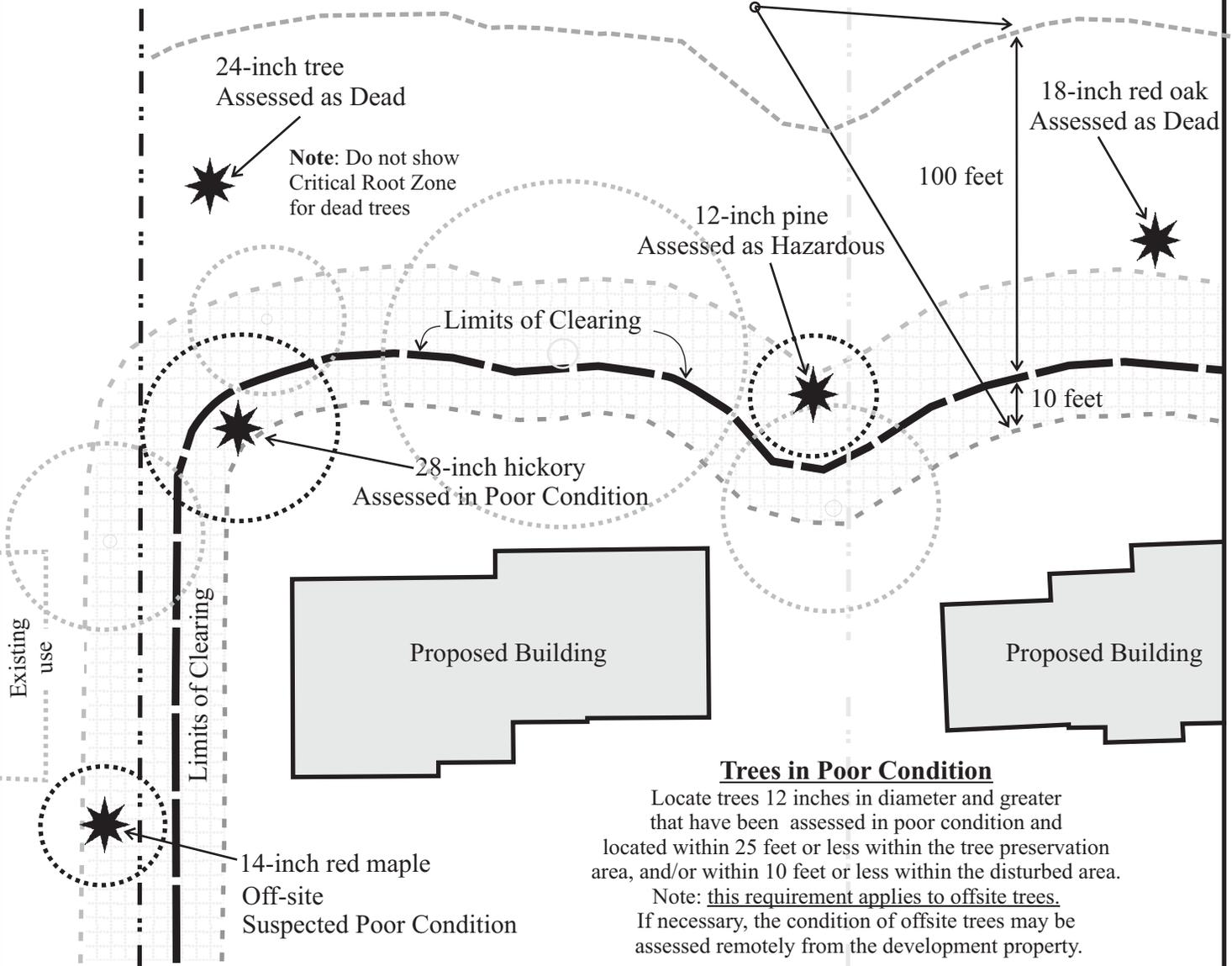
Note: Plates 1A-12 and 1B-12 are provided as illustrative examples to show how Tree Inventory and Poor Condition Analysis requirements may be conveyed on plans. At the discretion of the designer, other graphics elements, charts and tables may be used to communicate this information.

Ref. Sec. 12-0507	TREE INVENTORY AND POOR CONDITION ANALYSIS 35-foot Inventory Zone	PLATE NO.	STD. NO.
Rev. 11-10		1A-12	

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Dead and Hazardous Trees

Locate trees 12 inches in diameter and greater that are dead, or potentially hazardous located 100 feet. or less of the limits of clearing within the undisturbed tree preservation area, or within 10 feet or less of the limits of clearing within the disturbed area. This requirement does not apply to offsite trees. See §12-0507.1B and 2B for more information.



Trees in Poor Condition

Locate trees 12 inches in diameter and greater that have been assessed in poor condition and located within 25 feet or less within the tree preservation area, and/or within 10 feet or less within the disturbed area.

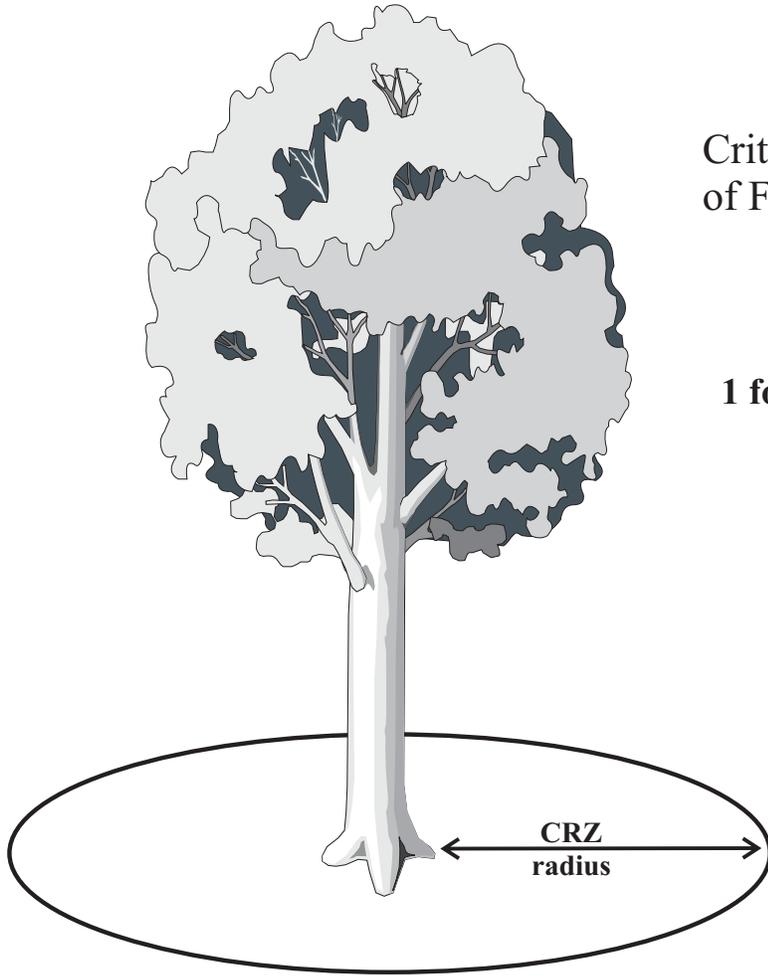
Note: this requirement applies to offsite trees.
If necessary, the condition of offsite trees may be assessed remotely from the development property.

Note: A poor condition analysis does not require trees that are assessed in the fair to excellent condition range to be labeled on plans. Unless otherwise required by proffered conditions; development plans, conceptual/final development plans, PRC plans, special permits, special exceptions, or variance approvals; only those trees meeting the definition of Poor Condition defined in §12-0507.2A(2) must be labeled

Note: Plates 1A-12 and 1B-12 are provided as illustrative examples to show how Tree Inventory and Poor Condition Analysis requirements may be conveyed on plans. At the discretion of the designer, other graphics elements, charts and tables may be used to communicate this information.

Ref. Sec. 12-0507	TREE INVENTORY AND POOR CONDITION ANALYSIS Poor Condition, Hazardous and Dead Trees	PLATE NO.	STD. NO.
Rev. 11-10		1B-12	

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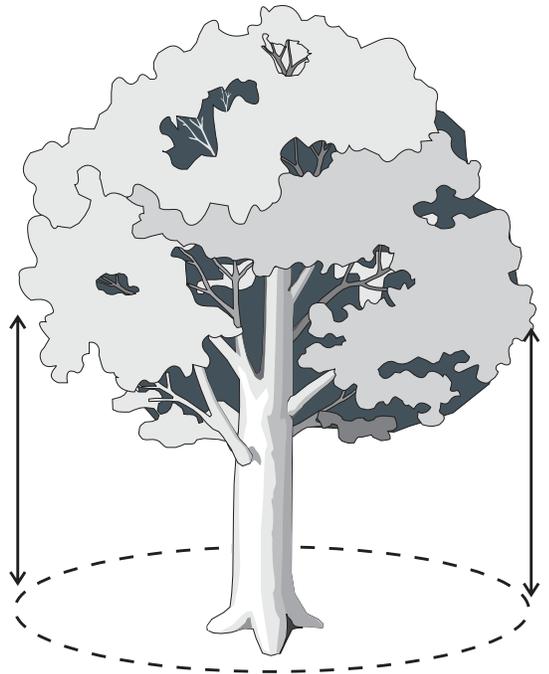
Critical Root Zone (CRZ)
of Forest-Grown Tree

Critical Root Zone Formula

**1 foot of Critical Root Zone radius
for each
1 inch of trunk diameter**

Dripline of Open-Grown
Tree

Dripline →



Ref. Sec. 12-0507.2D

Rev. 2-02, 2011 Reprint

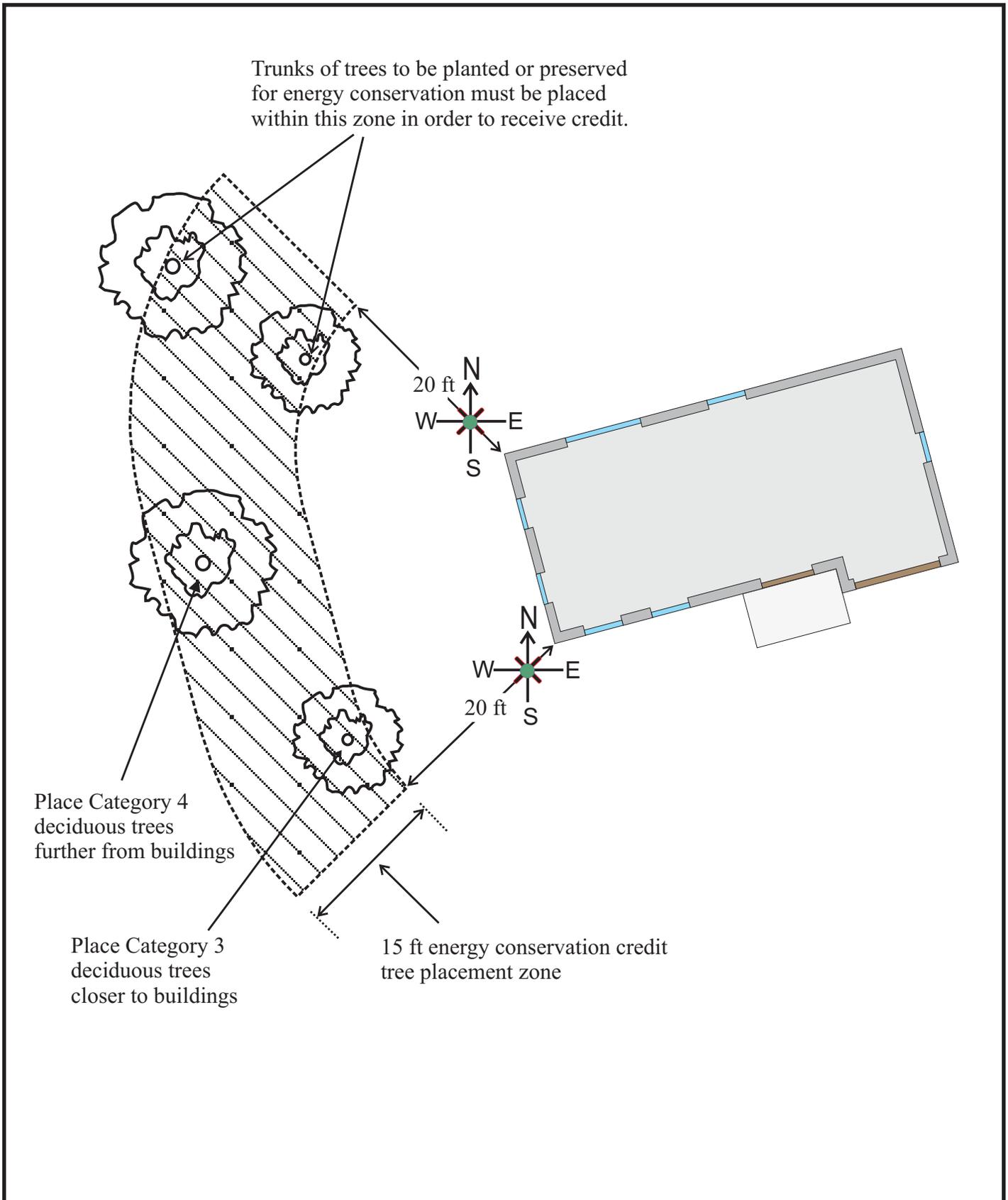
CRITICAL ROOT ZONES AND DRIPLINES OF TREES

PLATE NO

STD NO

2-12

FAIRFAX COUNTY PUBLIC FACILITIES MANUAL

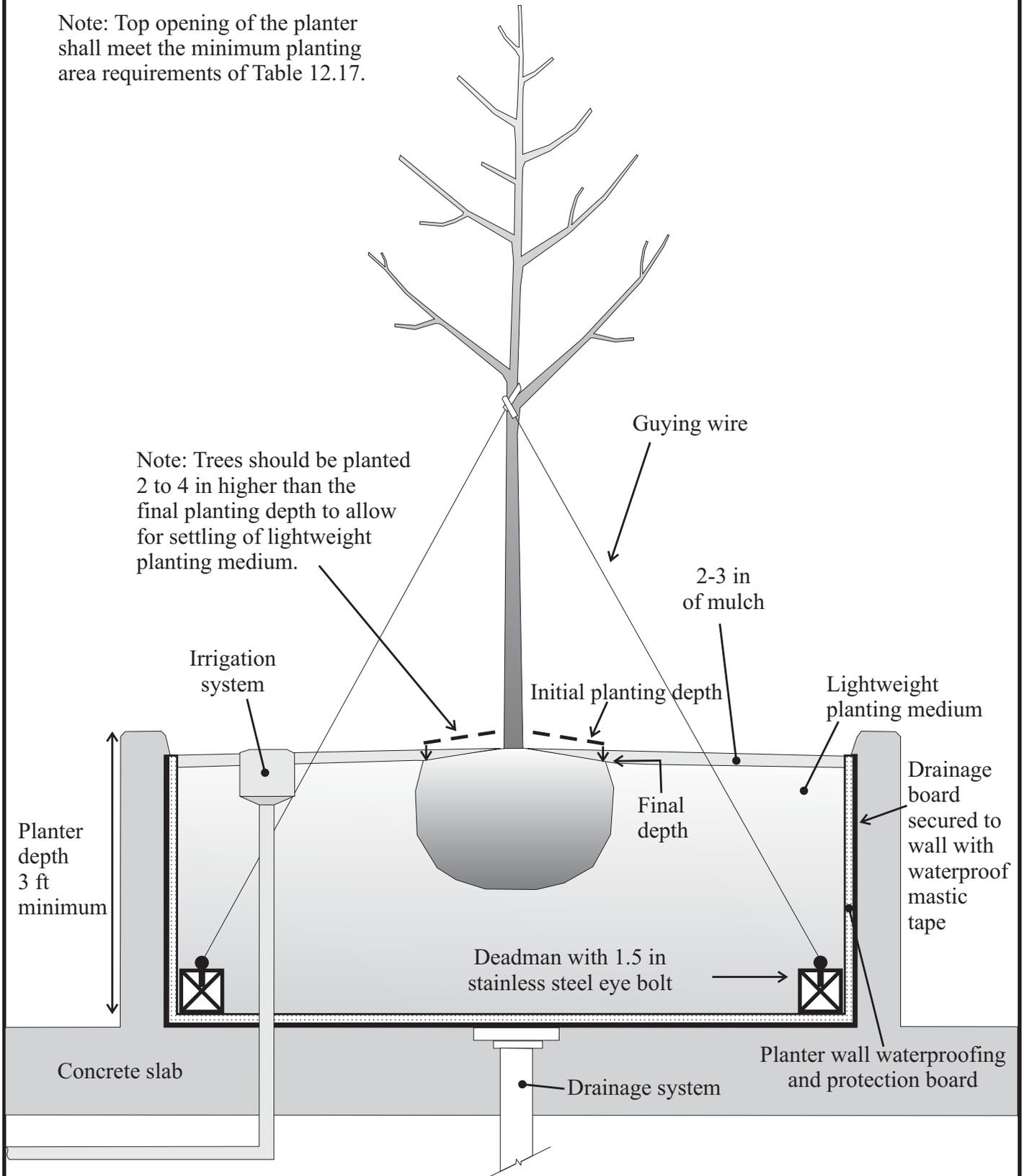


<p>Ref. Sec.12-0510.4B(2)(a)</p> <p>Rev. 2-02, 2011 Reprint</p>	<h2>ENERGY CONSERVATION TREE CANOPY CREDIT</h2>	<p>PLATE NO.</p> <p>4-12</p>	<p>STD. NO.</p>
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Note: Top opening of the planter shall meet the minimum planting area requirements of Table 12.17.

Note: Trees should be planted 2 to 4 in higher than the final planting depth to allow for settling of lightweight planting medium.

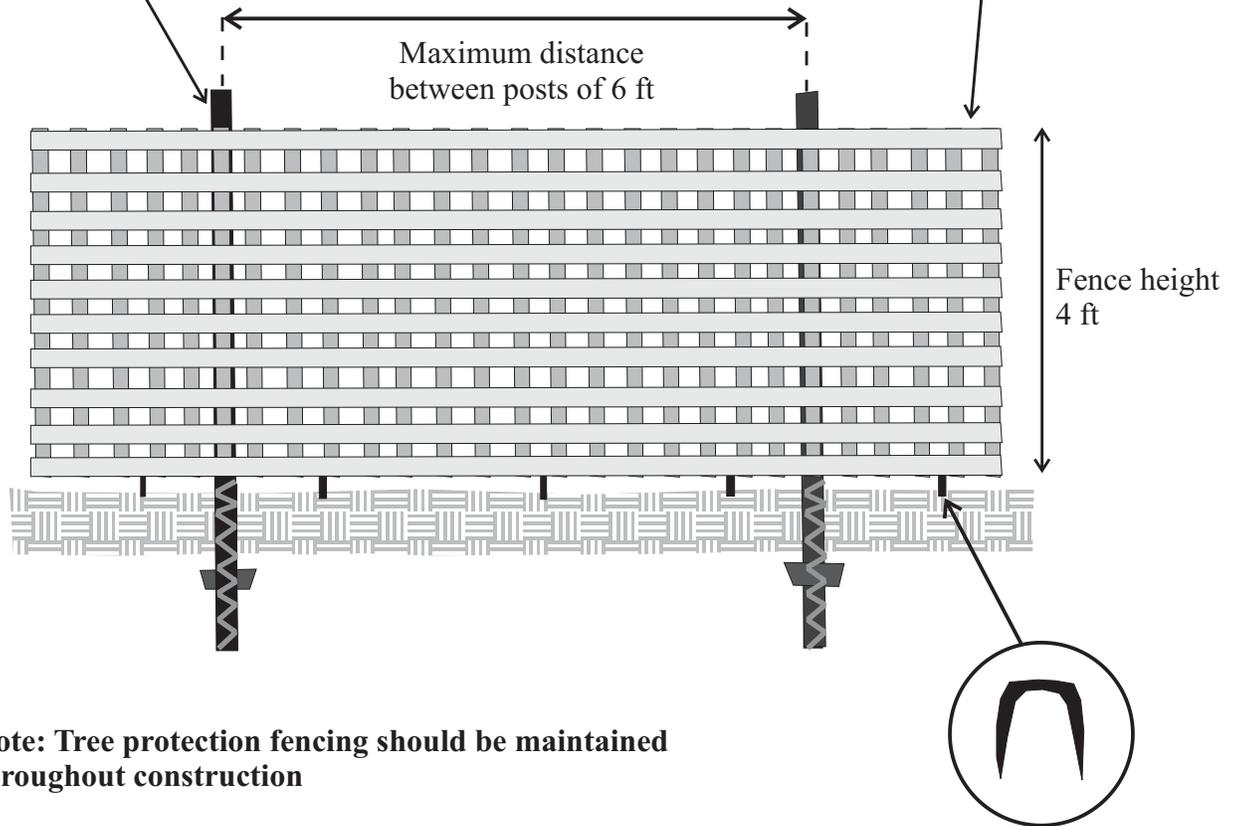


Ref. Sec. 12-0515.3, 12-0601.1D(3) Rev. 2-02, 2011 Reprint	<h2 style="margin: 0;">DECK PLANTER</h2>	PLATE NO. 5-12	STD. NO.
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Anchor posts should be a minimum
2 in steel 'U' channel,
6 ft in length

Orange plastic fence, welded wire fence,
chain link fence, silt fence or super silt fence



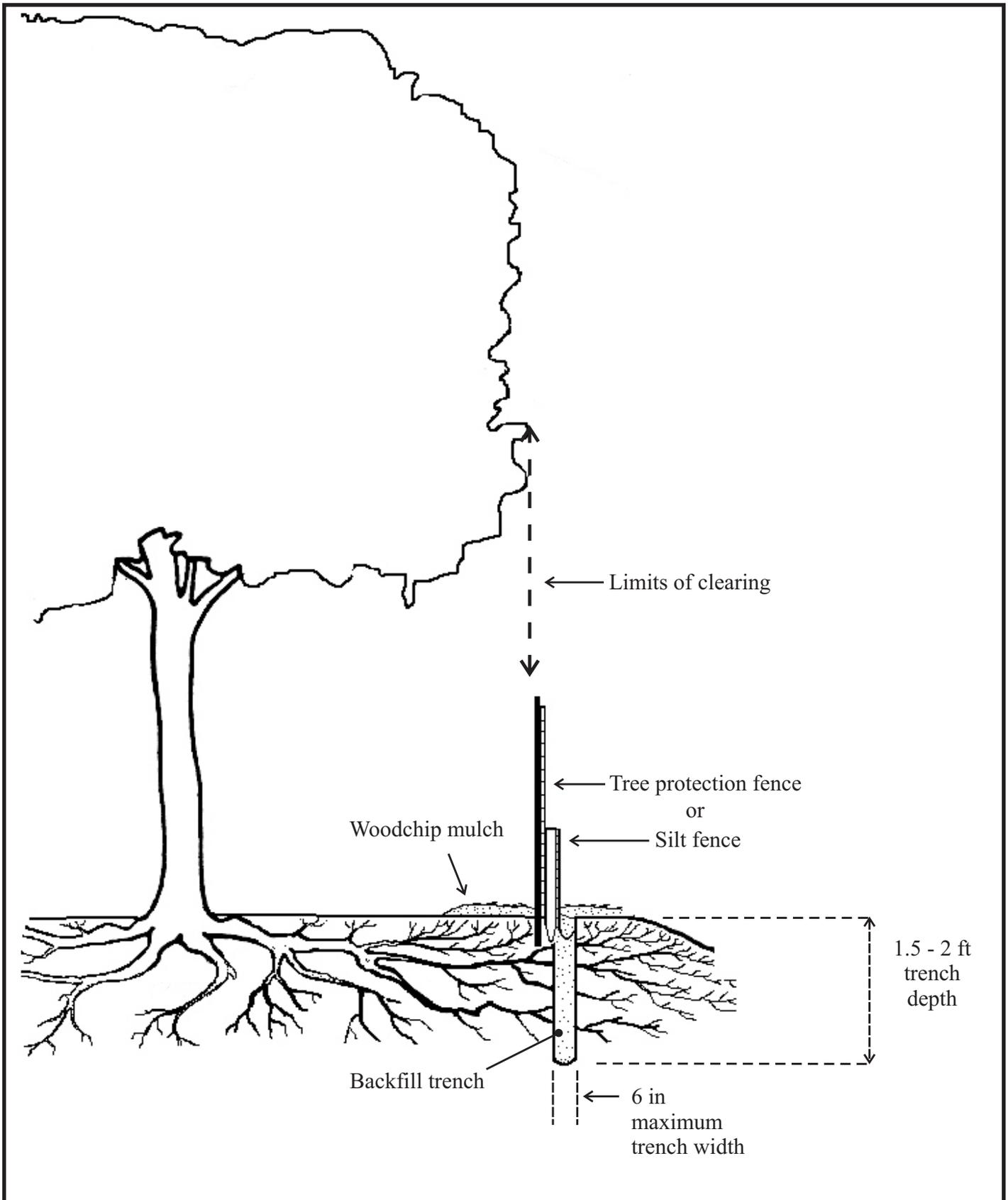
Note: Tree protection fencing should be maintained throughout construction

Use 8 in wire U staples
to secure fence bottom

Adapted from: *Woodland Conservation Manual*, Prince George County, Maryland

Ref. Sec. 12-0703.1B, 12-0505.1B Rev. 2-02, 2011 Reprint	TREE PROTECTION FENCE INSTALLATION	PLATE NO.	STD. NO.
		6-12	

FAIRFAX COUNTY PUBLIC FACILITIES MANUAL



Ref. Sec. 12-0702.1 12-0704.20 Rev. 2-02, 2011 Reprint	<h2 style="margin: 0;">ROOT PRUNING</h2>	PLATE NO. 7-12	STD. NO.
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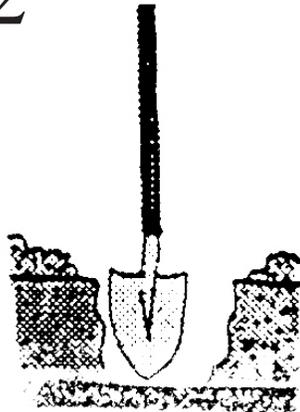
FAIRFAX COUNTY PUBLIC FACILITIES MANUAL

1



Soak roots in water 3 to 6 hours prior to planting. Do not allow roots to dry out before planting.

2



Remove grass from a 3 ft circle and turn up soil. Dig a planting hole 8 in wider than the diameter of the seedling roots in center of circle.

3



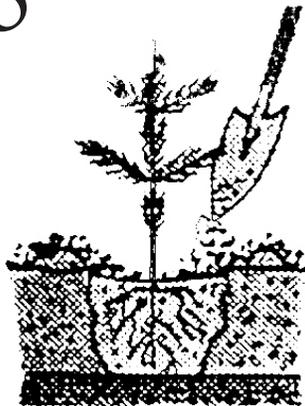
Position seedling at original nursery depth. Do not bend roots on sides or bottom of planting hole. Gently backfill excavated soil around roots.

4



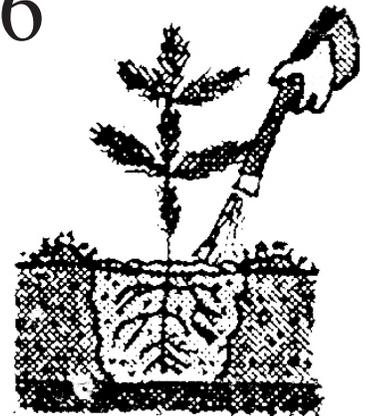
Remove air pockets from backfill soil. Soil should be firm but not tightly packed. Construct waterholding basin around planting hole and water thoroughly.

5



Place a 2 in deep layer of mulch in a 3 ft diameter circle around trees. Mulch should not touch the tree trunk.

6



During dry weather, water generously once every 7 to 10 days during the first year.

Illustrations provided by The National Arbor Foundation

Ref. Sec. 12-0705.5F

Rev. 2-02, 2011 Reprint

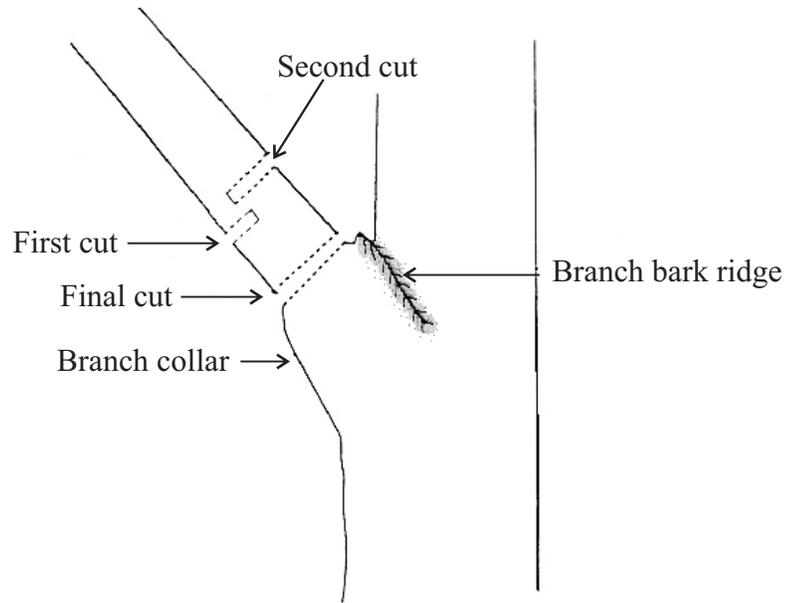
PLANTING TREE SEEDLINGS

PLATE NO.

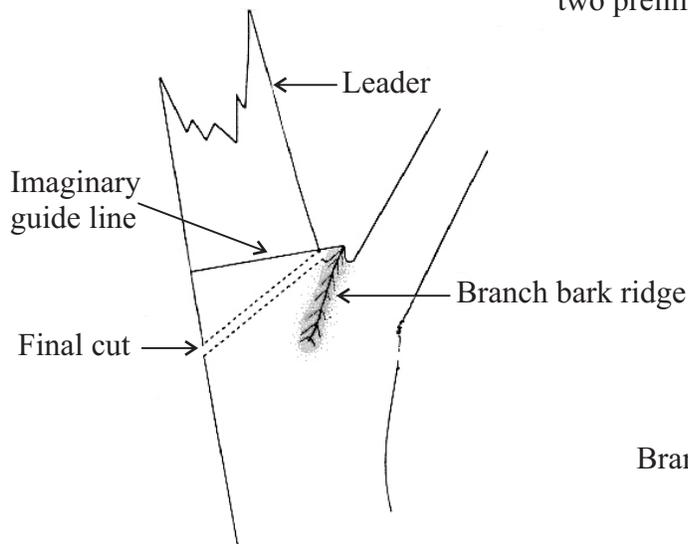
STD. NO.

8-12

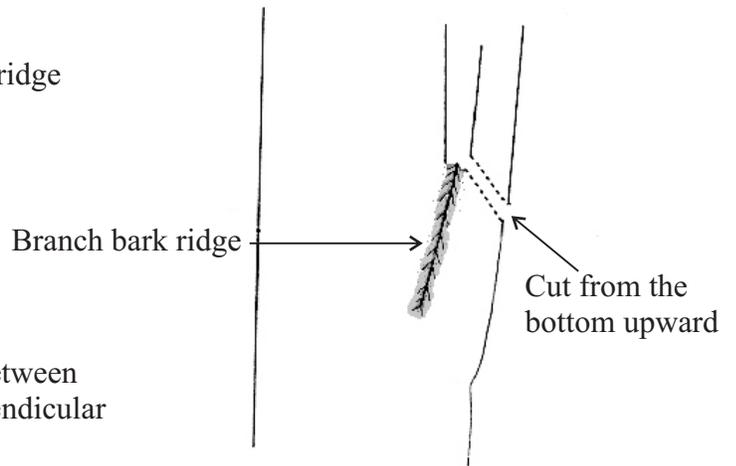
FAIRFAX COUNTY PUBLIC FACILITIES MANUAL



Removing a large lateral branch requires two preliminary cuts before the final cut



When cutting back to a lateral, bisect the angle between the branch bark ridge and an imaginary line perpendicular to the leader or branch being removed



When removing a branch with a narrow branch attachment, cut from the bottom upward

Adapted from: *Tree, Shrub and Other Woody Plant Maintenance - Standard Practices - American National Standard for Tree Care Operations*, American National Standards Institute

Ref. Sec. 12-0706.5A	<h2>PRUNING CUTS</h2>	PLATE NO.	STD. NO.
Rev. 2-02, 2011 Reprint		9-12	