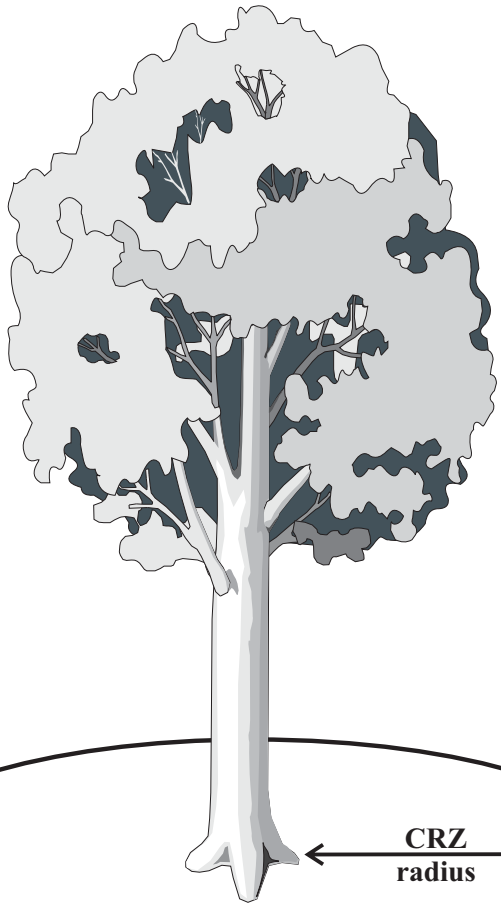


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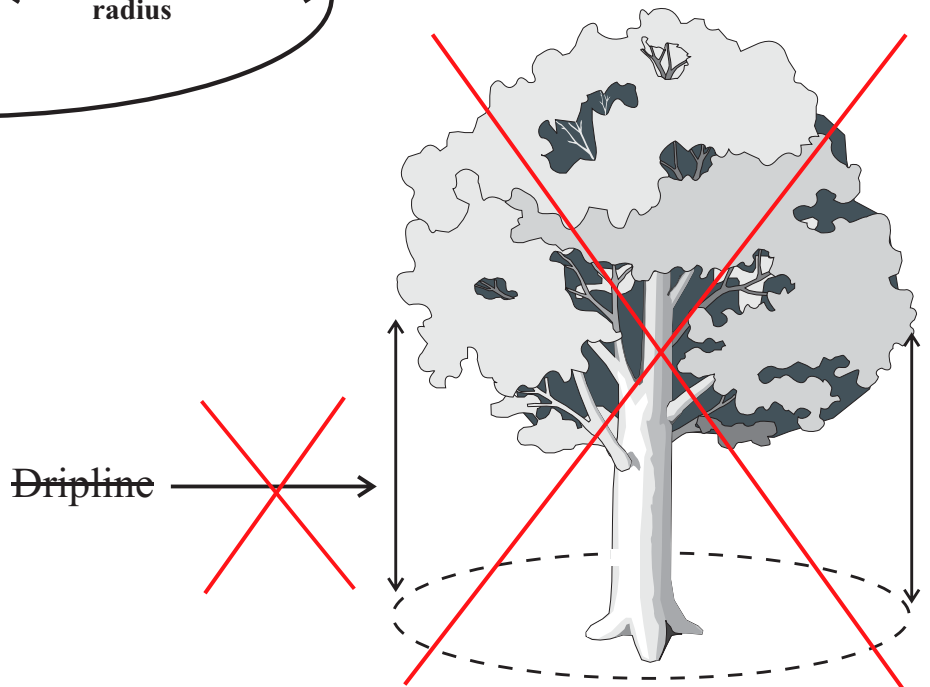
Critical Root Zone (CRZ)
of ~~Forest-Grown Tree~~

Critical Root Zone Formula

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

Note: An increase in critical root zone radius to a total of 1.5 feet/inch of trunk diameter may be required in some instances based on site specific conditions (see 12-0307.2D(2)).

~~Dripline of Open-Grown Tree~~

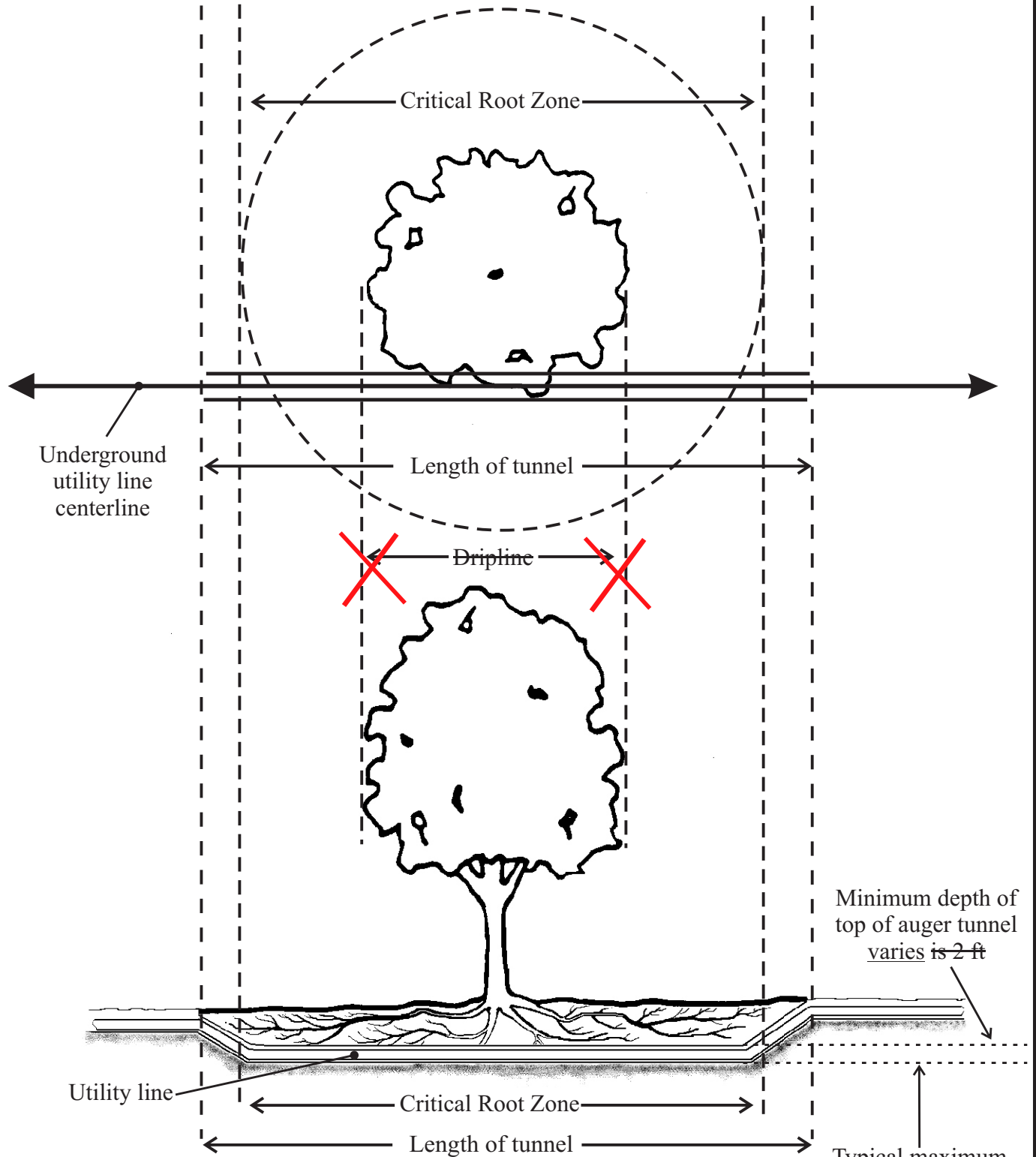


Ref. Sec. 12-0307.2D,
12-0307.2E
Rev. 2-02, 2011 Reprint,
2018 Reprint, 1-20

CRITICAL ROOT ZONES ~~AND~~ DRIPLINES OF TREES

	PLATE NO	STD NO
	2-12	

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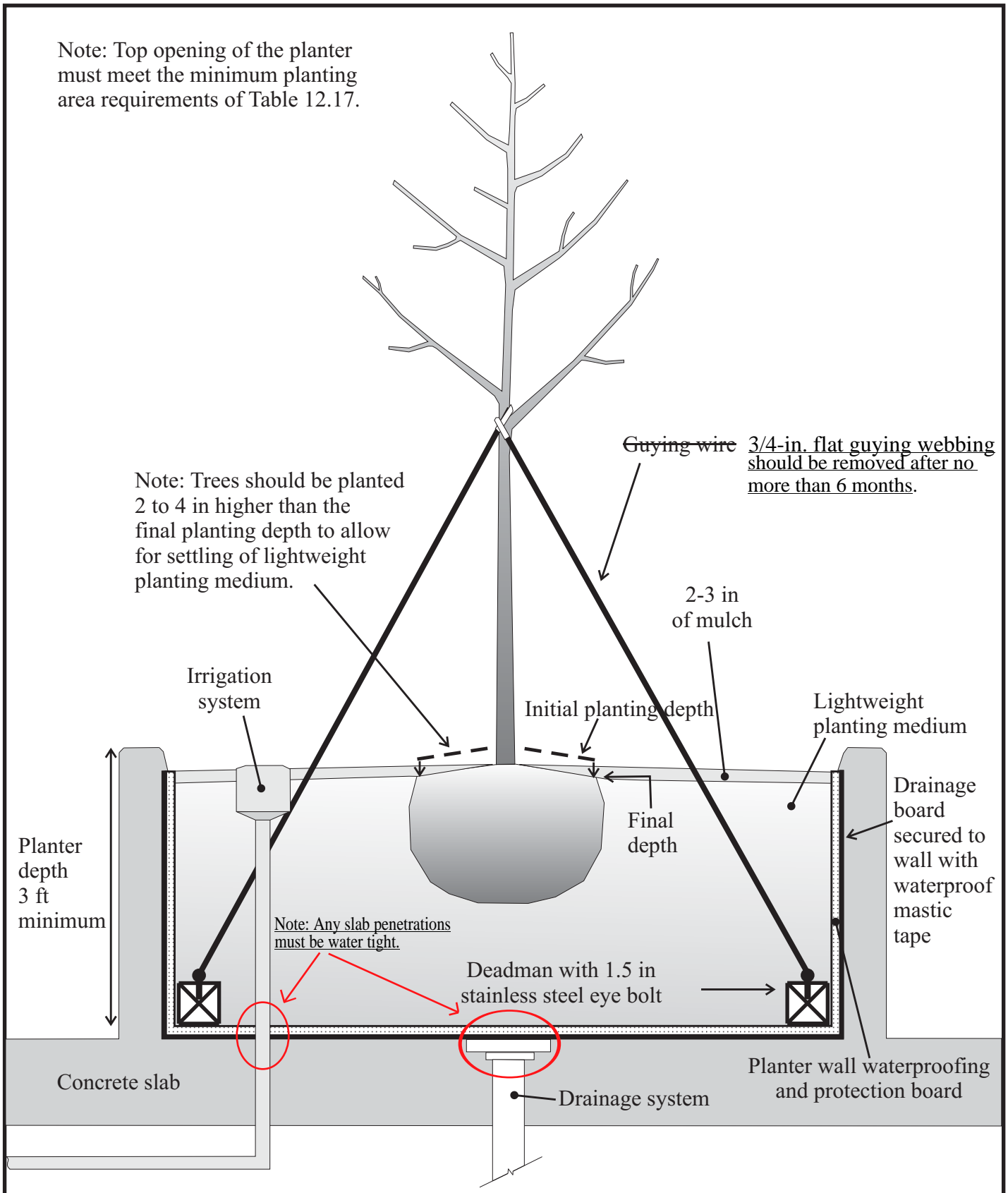


Additional details are provided in the Virginia Erosion and Sediment Control Handbook 3.38.11- Trenching and Tunneling

Ref. Sec. 12-0202.1	<h2 style="margin: 0;">TUNNELING GUIDELINES</h2>	PLATE NO.	STD. NO.
Rev. 2-02, 2011 Reprint, 2018 Reprint, 01-20		3-12	

FAIRFAX COUNTY PUBLIC FACILITIES MANUAL

Note: Top opening of the planter must 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.

Guying wire 3/4-in. flat guying webbing should be removed after no more than 6 months.

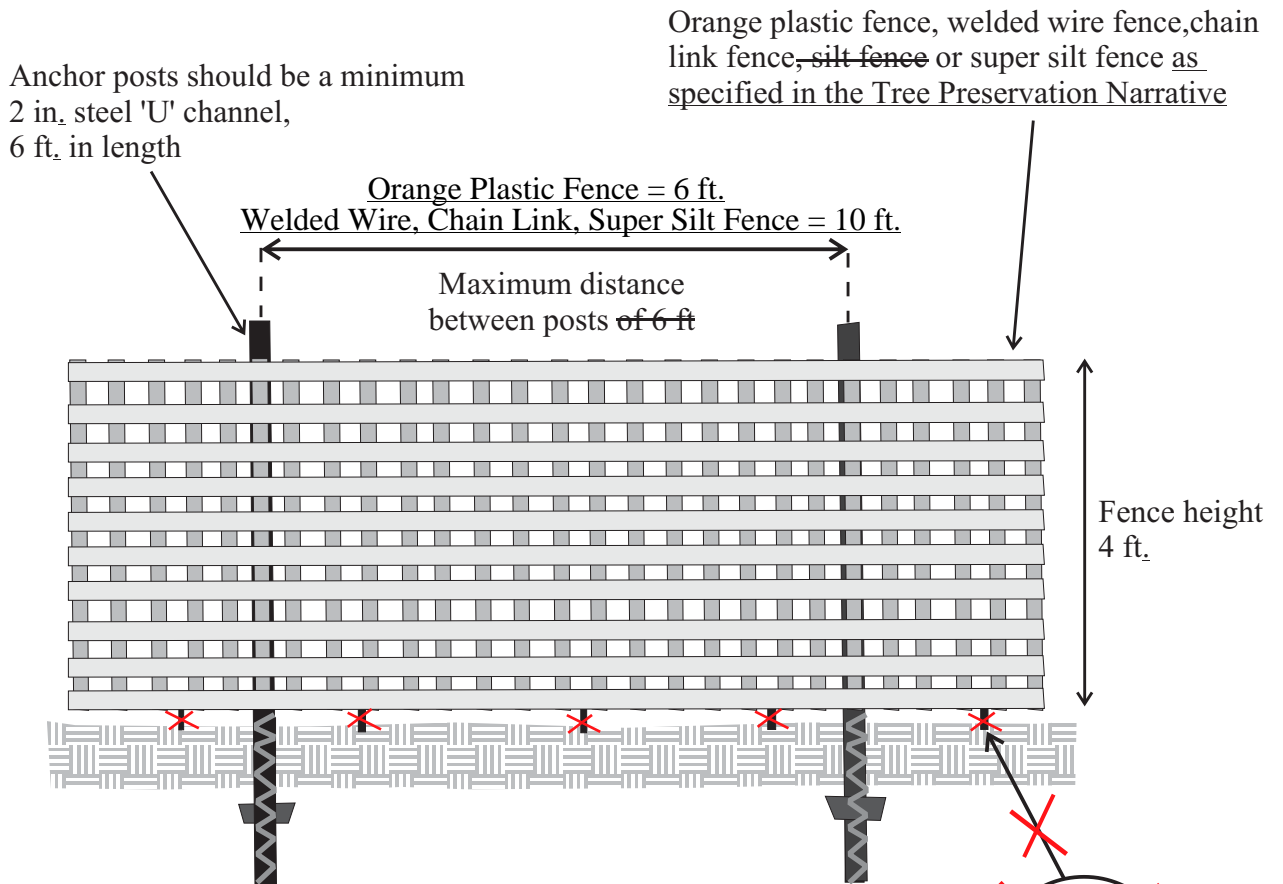
Note: Any slab penetrations must be water tight.

Ref. Sec. 12-0401.1D(3)
Rev. 2-02, 2011 Reprint,
2018 Reprint, 1-20

DECK PLANTER

PLATE NO.	STD. NO.
5-12	

FAIRFAX COUNTY PUBLIC FACILITIES MANUAL



Note: Tree protection fencing ~~should~~ must be maintained throughout construction until removal approved by County

Use 8 in wire U staples to secure fence bottom

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

Ref. Sec. 12-0305.1B,
12-0503.1B

Rev. 2-02, 2011 Reprint, 2018
Reprint, 01-20

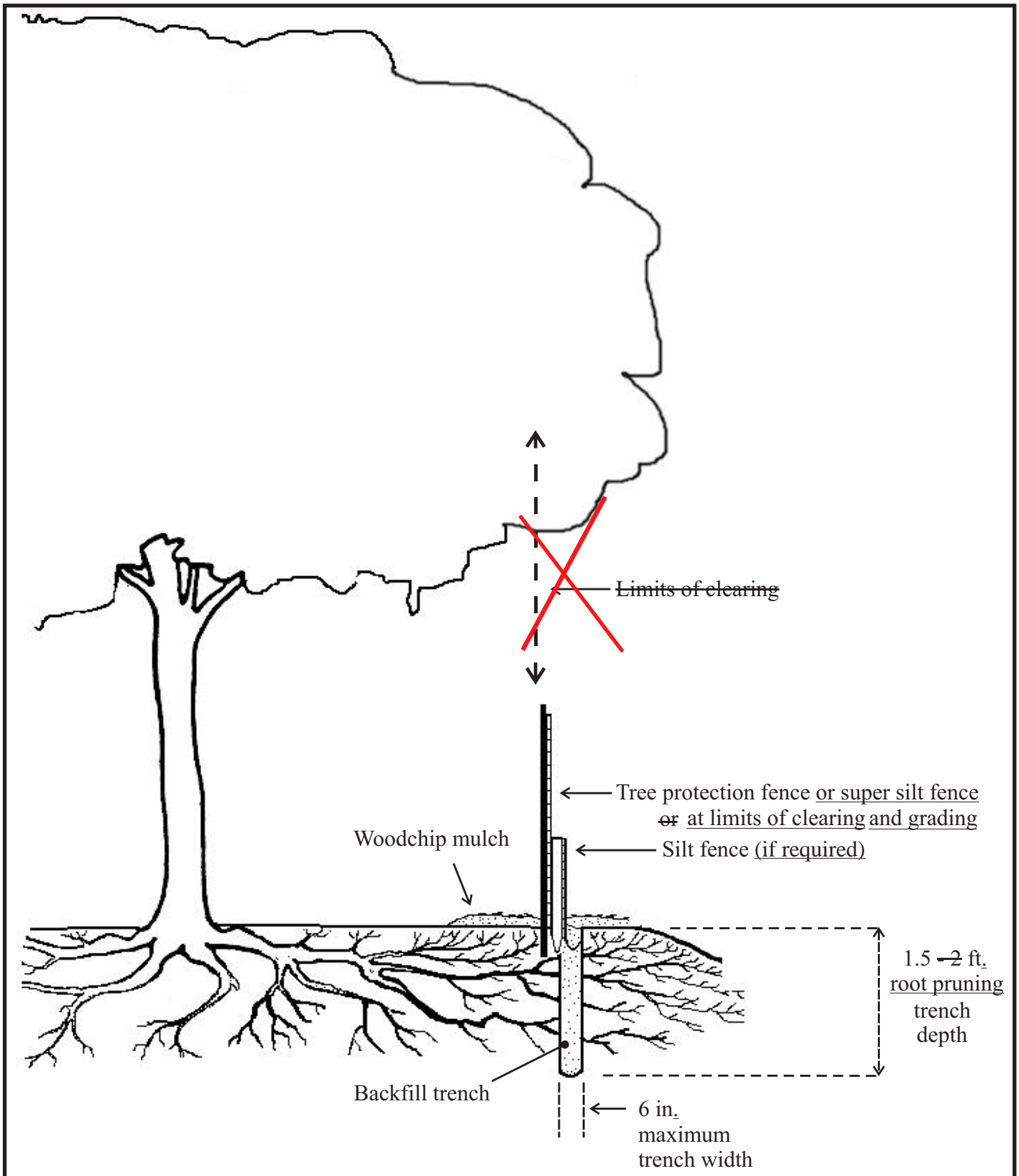
TREE PROTECTION FENCE INSTALLATION

PLATE NO.

STD. NO.

6-12

FAIRFAX COUNTY PUBLIC FACILITIES MANUAL



Note: See Tree Preservation Narrative for detailed specifications.

Ref. Sec. 12-0502.1, 12-0504.20 Rev. 2-02, 2011 Reprint, 2018 Reprint_01-20	<h2 style="margin: 0;">TREE PROTECTION FENCE INSTALLATION & ROOT PRUNING</h2>	PLATE NO. 7-12	STD. NO.
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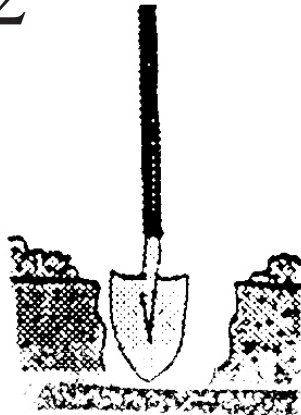
FAIRFAX COUNTY PUBLIC FACILITIES MANUAL

1



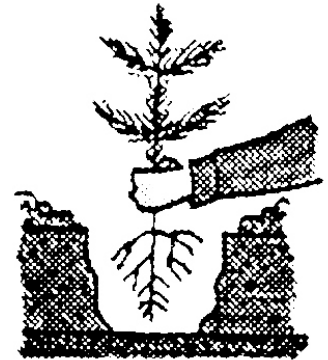
Soak roots in water 3 to 6 hours prior to planting. Do not allow roots to dry out before planting.

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



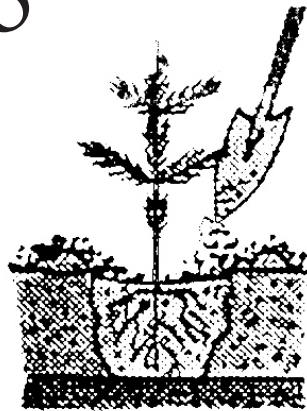
Position seedling at original nursery depth. Do not bend roots on sides or bottom of planting hole. Gently backfill excavated soil around roots.

4



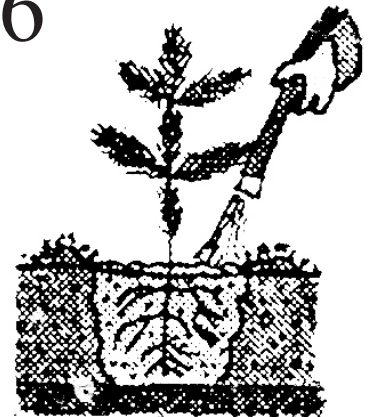
Remove air pockets from backfill soil. Soil should be firm but not tightly packed. Construct waterholding basin around planting hole and water thoroughly.

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 Day Foundation

Ref. Sec. 12-0505.5F

Rev. 2-02, 2011 Reprint,
2018 Reprint

PLANTING TREE SEEDLINGS

PLATE NO.

STD. NO.

8-12