

# STREET TREE PLANTING INSTRUCTIONS AND REQUIREMENTS

**A. INSPECTION:**

Inspection of tree planting by the City Engineering Inspector or Building Inspector is required.

1. Engineering Inspector or Building Inspector shall approve the hole dimensions prior to planting.
2. City Arborist shall perform inspection of tree quality prior to planting and the final inspection when the tree planting is complete.

Appointments for inspection(s) may be made by calling (805) 781-7220 at least 48 hours in advance of the inspection.

**B. {DELETED}**

**C. BACKFILL MATERIAL:**

The backfill material shall be composed of:

- 75% Native Soil (the soil removed from the planting hole)
- 15% Compost Material
- 10% Sand (see Note)

Note: The sand component of the backfill may be deleted if the Arborist determines that the existing native soil will provide adequate aeration for the root system.

**D. PLANTING:**

Partially fill the excavated hole with backfill material, while tamping and watering, to an elevation equal to the bottom of the root ball. Root crown (top of root ball) shall extend one (1) inch above finish grade when planting is completed. Place the tree to be planted in the center of the hole on tamped backfill. Continue adding backfill while tamping and watering.

Continue adding backfill around root ball to finish grade, while tamping tightly, and add additional water to thoroughly wet root ball and backfill material.

For Street Tree Well installations, finish grade shall be 4" below the sidewalk grade.

**E. TREE SIZE and TYPE:**

Standard tree size shall be #15. A larger sized 24", 36" or 48" box may be required for some installations. New trees planted in the downtown (within the boundary of the Downtown Association) shall be a minimum of a 24" box.

Tree type shall be from the Master Street Tree list and (if applicable) be in accordance with the selections for major streets.

**F. STAKING:**

All newly planted street trees shall be staked.

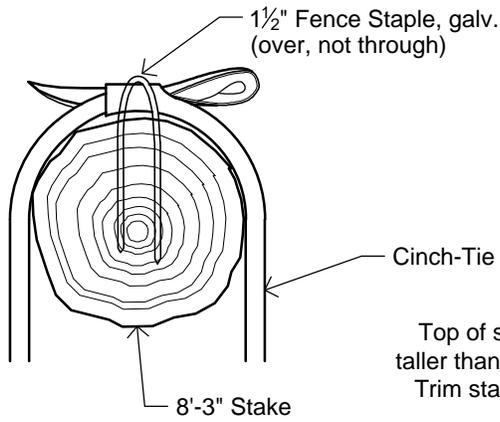
**G. GUARDS:**

Trees planted within the Mission Style Sidewalk District shall include installation of a tree guard of the same manufacturer as the tree grate, see Engineering Standard 8130.

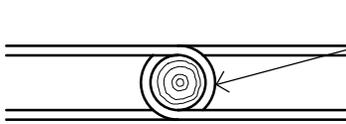
REVISIONS	BY	APP	DATE
<i>Revised Notes A, D, &amp; G</i>	<i>MH</i>	<i>BL</i>	<i>11-09</i>
<i>Modified A &amp; G; Deleted B</i>	<i>DVB</i>	<i>BL</i>	<i>10-08</i>
<i>Drafting edits</i>	<i>JDL</i>	<i>MH</i>	<i>5-13</i>
STANDARD CURRENT AS OF:		February 2014	



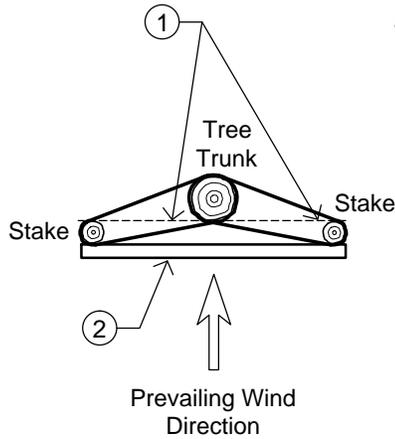
## STREET TREE PLANTING NOTES



Top of stake shall not be taller than lowest tree limb. Trim stake as necessary.



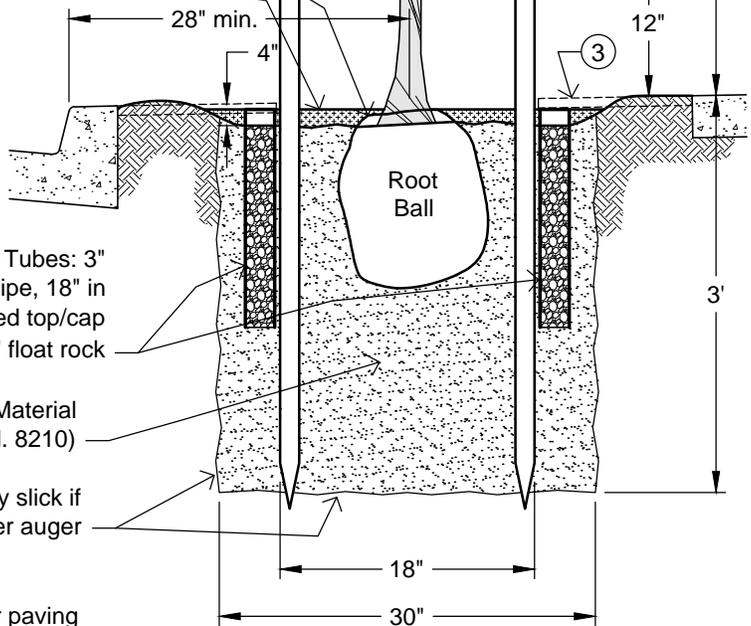
Remove nursery stake(s) after planting. Install (2) 8'-3" Lodgepole Pine Stakes.



1" x 4" x 18" Redwood Cross-brace w/ 6d galvanized nails

Top of Root Ball 1/2" above finished grade

Mulch Wood Chips, 2" deep



(2) Watering Tubes: 3" Perforated Pipe, 18" in length w/ slotted top/cap filled with 1/2" - 3/4" float rock

Backfill Material (See Eng. Std. 8210)

Remove clay slick if dug by power auger

**INSTALLATION NOTES:**

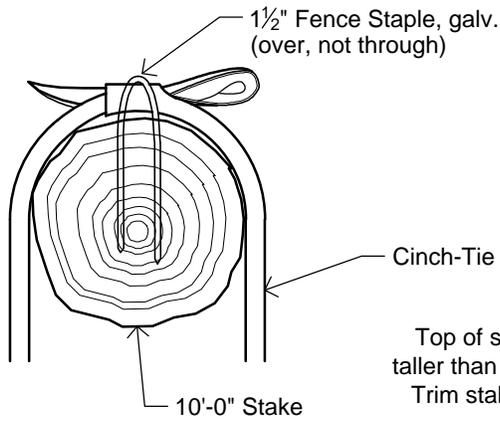
- ① Align face of tree trunk with face of stake.
- ② Cross brace shall be installed for all trees with a trunk diameter of 1" or less at 12" above ground.
- ③ At Zone 1, tree grate shall be installed per Engineering Standard 8130, 4" clear from top of grate to top of backfill material, mulch not required.

- ZONE 1:** Trees planted in tree wells or parkway
- ZONE 2:** Trees planted within 7'-6" of curb, sidewalk, or paving
- ZONE 3:** Trees planted more than 7'-6" of curb, sidewalk, or paving

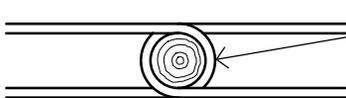
REVISIONS	BY	APP	DATE
Combined Stds 8830 and 8840	JDL	MH	6-13
Drafting edits	JDL	MH	6-13
Rev'd Notes; Watering Tubes, etc.	DVB	BL	11-09
STANDARD CURRENT AS OF:		February 2014	



**TREE PLANTING  
and STAKING**  
ZONES 1, 2 and 3  
15 Gallon Size

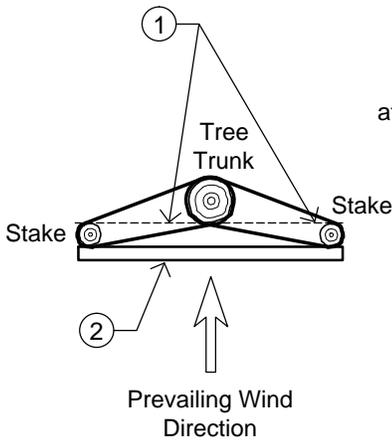


Top of stake shall not be taller than lowest tree limb.  
Trim stake as necessary.

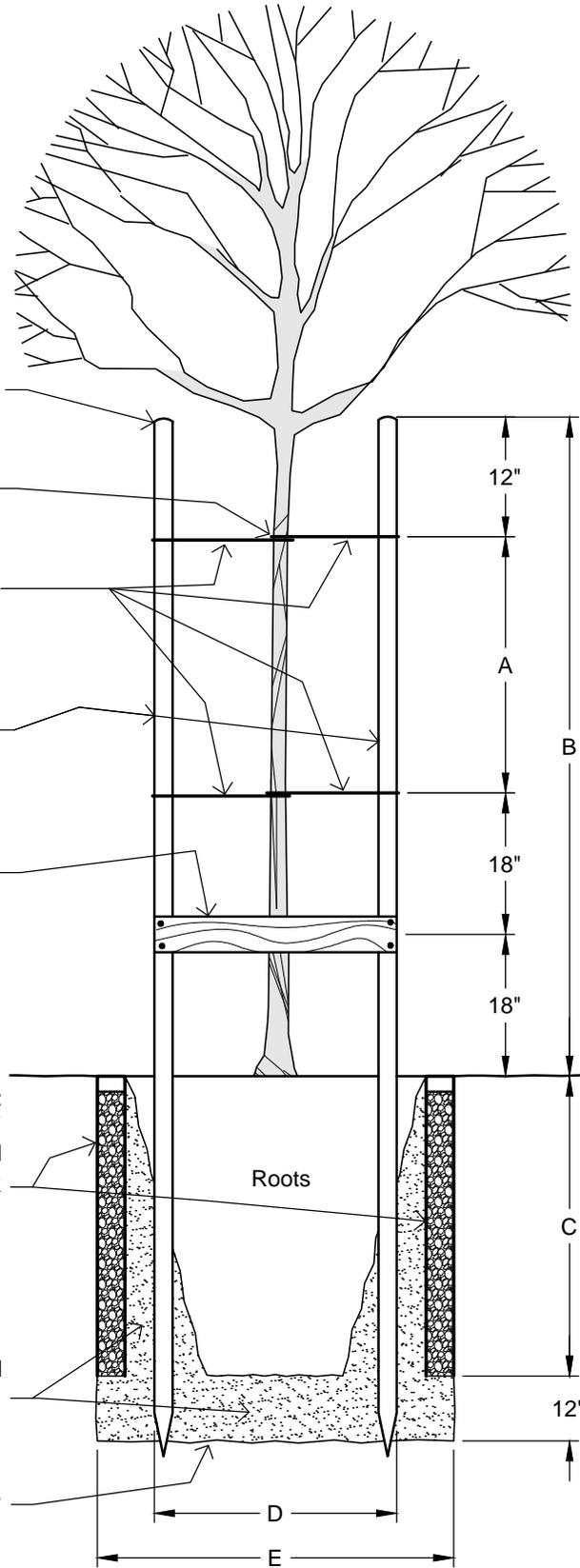


24" Cinch-ties (4 ea.) shall be snug, not tight

Remove nursery stake(s) after planting. Install (2) 10'-0" Lodgepole Pine Stakes.



1" x 4" x 18" Redwood Cross-brace w/ 6d galvanized nails



(2) Watering Tubes: 3" Perforated Pipe w/ slotted top/cap filled with 1/2" - 3/4" float rock

TREE BOX SIZE (in)	DIMENSIONS (in)				
	A	B	C	D	E
24	36	84	24	18	40
36	24	72	36	24	48
48	18	66	42	30	60

### INSTALLATION NOTES:

- Align face of tree trunk with face of stake.
- Cross brace shall be installed for all trees with a trunk diameter of 2" or less at 12" above ground.

ZONE 1: Trees planted in tree wells or parkway  
ZONE 2: Trees planted within 7'-6" of curb, sidewalk, or paving

REVISIONS	BY	APP	DATE
Added Notes	MH	BL	11-09
Revised Tube Length	MH	BL	11-09
Drafting edits	JDL	MH	6-13

STANDARD CURRENT AS OF: February 2014



## TREE PLANTING and STAKING

ZONES 1 and 2  
24" Box and Larger

8250