

1. The Contractor is responsible for the watering and well being of the tree until the work is accepted. Damage to trees is the Contractors responsibility until the work is accepted.
2. Trees shall be planted from a minimum 15 gallon container and be of a size not less than 5 ft. in height nor less then 3/4 inch in diameter. Trees shall have a healthy root system that is established in its container. The roots shall not be circled in the container. Trees shall have a single trunk with vertical leader branches that have not been "topped". Tree shall be free from pests, dead and damaged branches or trunks. When 24 inch box size trees are required, trees shall be a minimum of 8 feet tall and have a minimum trunk diameter of 1 and 3/4 inches.
3. The tree shall be planted in a hole approximately 24 inches square by 24 inches deep. In severely compacted or layered soil it will be necessary to break the continuity of the hard pan, clay pan or compacted layer by digging deep enough to penetrate below the pan or compacted layer. The excavated material in most cases can be returned to the hole.
4. Trees shall be planted in original soil material unless otherwise required by the Engineer. Trees shall be set 2" higher than grown at nursery.
5. Install two deep watering perforated plastic pipes as shown on drawing T-1. Fill pipes with 3/4 inch clean drain rock. Pipes should be 1" above existing grade.
6. Trees shall be staked with two 2 inch diameter by 8 foot minimum lodge pole pine stakes or approved equal and spaced with a Mission Manufacturing tree stake stabilizer or approved equal. Stakes shall be pressure treated with a wood preservative material. Trees shall be tied with a 24 inch minimum "Gro Strait" tree ties or approved equal.
7. Exact location of trees shall be determined by the Parks Department. Tree spacing varies depending on type. Trees shall be located a minimum 20 ft. from curb returns, 15 ft. from street lights, 6 ft. from driveways, and 10 ft. from sewer laterals and water facilities.
8. When the area between the curb and the sidewalk contains a concrete or similiar hard surface, a minimum 40 inches square opening around the tree shall be maintained.
9. Tree species designated for each street are kept on file and available upon request. Unless the location for trees is on a designated boulevard (Category 6) or under powerlines, tree selection is made from the City's master tree list according to the planting space available as measured from back of curb to sidewalk. Category 1 trees - 6ft wide space or greater, Category 2 trees - 5ft to 6ft wide, Category 3 trees - 3ft to 5ft wide, Category 4 trees - greater than 3ft wide and under power lines, Category 5 trees - 2ft to 3ft wide with or without power lines.
10. Newly planted trees shall be watered deeply during the dry season or twice a week by the property owner or occupant. Water for approximately 10 minutes with a hose adjusted to very low pressure (approximatley 10 gallons). The root ball of the tree shall be thoroughly soaked. The two deep watering perforated pipes that have been installed shall be used to get water down to the root ball. Deep watering will encourage the roots to go deep into the soil away from paved surfaces.

CITY OF NAPA

PARKS DEPARTMENT

TITLE STREET TREE PLANTING SPECIFICATIONS GENERAL NOTES	DRAWN	DMP	CHECKED
	DATE	03-09	APPROVED
	SCALE	NONE	DWG NO. T-2
	FIELD NOTES		