

MANY TREES GROW WELL IN EUREKA

Factors such as planting basin size, available water and light, wind intensity and location of utility lines all need to be considered when choosing the right tree for the right place. Small and medium-sized trees are best under overhead lines, while large trees do best in more open areas or in front yards. Aphid-resistant trees and trees with deep tap-roots will be less likely to damage sidewalks or leave sticky residue on parked vehicles.

While Eureka's Street Tree Plan has a full list of trees, the following trees have proven to be successful for street tree planting in our area.

Suggested Small Sized Trees (15'-25')

Evergreen

- Arbutus unedo* (Strawberry Tree) – use in turf area or large planters only
- Callistemon citrinus* (Lemon Bottlebrush)
- Magnolia grandiflora* "St. Mary's" (S.ern Magnolia)
- Myrica californica* (Pacific Wax Myrtle)
- Leptospermum scoparium* 'Ruby Glow' (New Zealand Tea Tree)
- Leptospermum laevis* (Australian Tea Tree)

Deciduous

- Acer palmatum* "Bloodgood" (Japanese Maple)
- Crataegus laevigata* 'Paul's Scarlet' (Paul's Scarlet Hawthorn)
- Crataegus phaenopyrum* (Washington Thorn)
- Prunus subhirtella* (Flowering Cherry)

Deciduous (cont.)

- Prunus cerasifera* 'Krauter Vesuvius' (Purple Leaf Flowering Plum)
- Prunus cerasifera* 'Thundercloud' (Purple Leaf Plum)
- Prunus serrulata* 'Kwanzan' (Flowering Cherry)

Suggested Medium Sized Trees (25'-35')

Evergreen

- Arbutus 'Marina'* (Strawberry Tree) – use in turf area or large planters only
- Acacia Baileyana* (Bailey's Acacia)
- Eucalyptus nicholii* (Willow leafed eucalyptus)
- Lyonothamnus floribundus asplenifolius* (Fernleaf Catalina Ironwood)
- Magnolia grandiflora* "Samuel Somer" (Magnolia)
- Maytenus boaria* (Mayten Tree)
- Pinus contorta* (Shore Piine)
- Podocarpus gracilior* (Fern Pine)
- Quercus ilex* (Holly Oak)

Deciduous

- Acer rubrum* "Armstrong" (Red Maple) and other *Acer rubrums*
- Aesculus carnea* "Briotti" (Red Horse Chestnut)
- Fagus sylvatica* "Purpurea" or "Fastigiata" (Purple Beech)
- Liquidambar styraciflua* (Sweet Gum)
- Prunus subhirtella* "Autumnalis" (Flowering Plum)

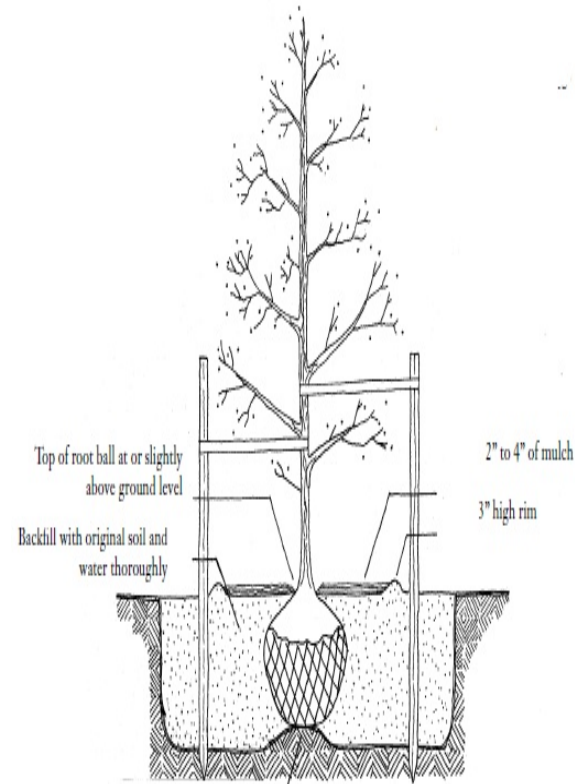
Suggested Large Trees (over 35')

Evergreen

- Magnolia grandiflora* 'Russet' (Southern Magnolia)
- Tristaniopsis laurina* (Water Gum)

Deciduous

- Fraxinus oxycarpa* "Raywood" (Raywood Ash)
- Liriodendron tulipifera* (Tulip Tree)
- Ginkgo biloba* (Maidenhair Tree) - not wind tolerant
- Platanus x acerfolia* 'Yarwood' (London Plane Tree)



Leave a firm pedestal of undisturbed soil to prevent settling

NEED SOME HELP?

Permits:

City of Eureka Engineering, 531 K Street, 3rd Floor, 441-4194

Tree Selection:

City of Eureka website

(www.ci.eureka.ca.gov see Street Tree Plan under 'City Resources')

Keep Eureka Beautiful website

(www.keepeurekabeautiful.org)

Select Tree website

(<http://selecttree.calpoly.edu/>)

City of Eureka

Street Tree Planting Guide for Residential Neighborhoods



EUREKA

"A Tree-Lined City"

The City of Eureka encourages planting of trees along public streets. As a property owner, you may plant a tree in a planting strip or a sidewalk in front of your home if you first obtain a permit from the Engineering Department.

Street Tree Planting Guide

WHAT TREES CAN DO FOR YOU

Increase Property Values: Property with trees can be up to 10% more valuable than lots without trees.

Decrease Crime: Studies show that people living in buildings with trees and greenery outside know their neighbors better and socialize with them more often which are key factors in community-oriented crime reduction

Calm Traffic: Street trees slow traffic by making streets appear narrower.

Provide Safe Routes to School: Children are more likely to walk or bicycle when streets feel safe.

Improve Air and Water Quality: During heavy storms, trees can reduce the number of pollutants and contaminants that reach Humboldt Bay, reducing soil erosion and flooding.

Reduce Energy Costs: Trees can reduce heating costs up to 25% when properly placed.

Improve Health: Residents in areas with the highest levels of greenery were three times as likely to be physically active and 40% less likely to be overweight or obese than those in the least green settings

GETTING YOUR PERMIT TO PLANT A STREET TREE

There is no charge for this sidewalk encroachment permit, which allows the City to review the planting location and tree type in order to avoid hitting utility lines above or below ground as well as to preserve traffic visibility and safeguard sidewalks. Information on tree planting as well as required insurance for concrete cutting are available from the City Engineering Department at 531 K Street, 3rd floor, 441-4194. Permit applications are also available on the Engineering Dept. website at: <http://www.ci.eureka.ca.gov>

PROPERTY OWNER RESPONSIBILITIES

Plant and site trees in accordance with City specifications.

Water and maintain trees, pruning to remove low-hanging or damaged branches and keep branches clear of overhead lines.

Accept full responsibility for the maintenance of your trees, responding in a timely manner to City requests to maintain trees.

Sign a hold harmless agreement which will indemnify and defend the City from all claims for damages or injuries which

may occur. (Homeowner's insurance normally covers this but it is a good idea to double-check with your insurance agent.)

Make sidewalk repairs, if necessary, due to tree root damage -- something that is less likely to happen with appropriate planting.

GUIDELINES FOR TREE PLANTING AND SPACING

Trees need to be large enough to have a good chance of success—at least 15 gallons or 1½" caliper.

Trees need to be well staked for at least one year.

Small or narrow-stature trees (under 25' tall with a 16' wide canopy at maturity) should be no less than 12' apart.

Medium- sized trees (25' to 40' tall and 16' to 35' wide canopy at maturity) should be no less than 20' apart.

Large trees (over 40' tall and 35' wide canopy at maturity) should be no less than 30' apart.

CITY STANDARDS FOR SITING TREES IN SIDEWALKS

Pedestrian passageways, at least 48" wide, must be maintained per ADA standards. Protective grates or permeable sidewalk surfaces like pavers, can be used to maintain the sidewalk grade, and to meet sidewalk width requirements, while also

providing for good-sized planting basins.

Sidewalk cuts in concrete should be at least 12 square feet (a minimum of 3' wide). Increasing the area of the sidewalk cuts will decrease the potential for sidewalk damage and improve tree health (by allowing water and nutrients to get to tree roots).

Tree trunk shall be at least 2' from the front face of the curb.

At least 30' from traffic signals or stop signs and cross-street right-of-way, measured from the back of the sidewalk.

Where speed is 25 MPH or less, trees need only be 20' from cross street right-of-way

At least 15' from alley right-of-way and driveways, wires and cable TV

TREE PLACEMENT

Contact Underground Service Alert (USA) at (800) 227-2600 to have underground utilities marked so that the tree can be placed according to City requirements.