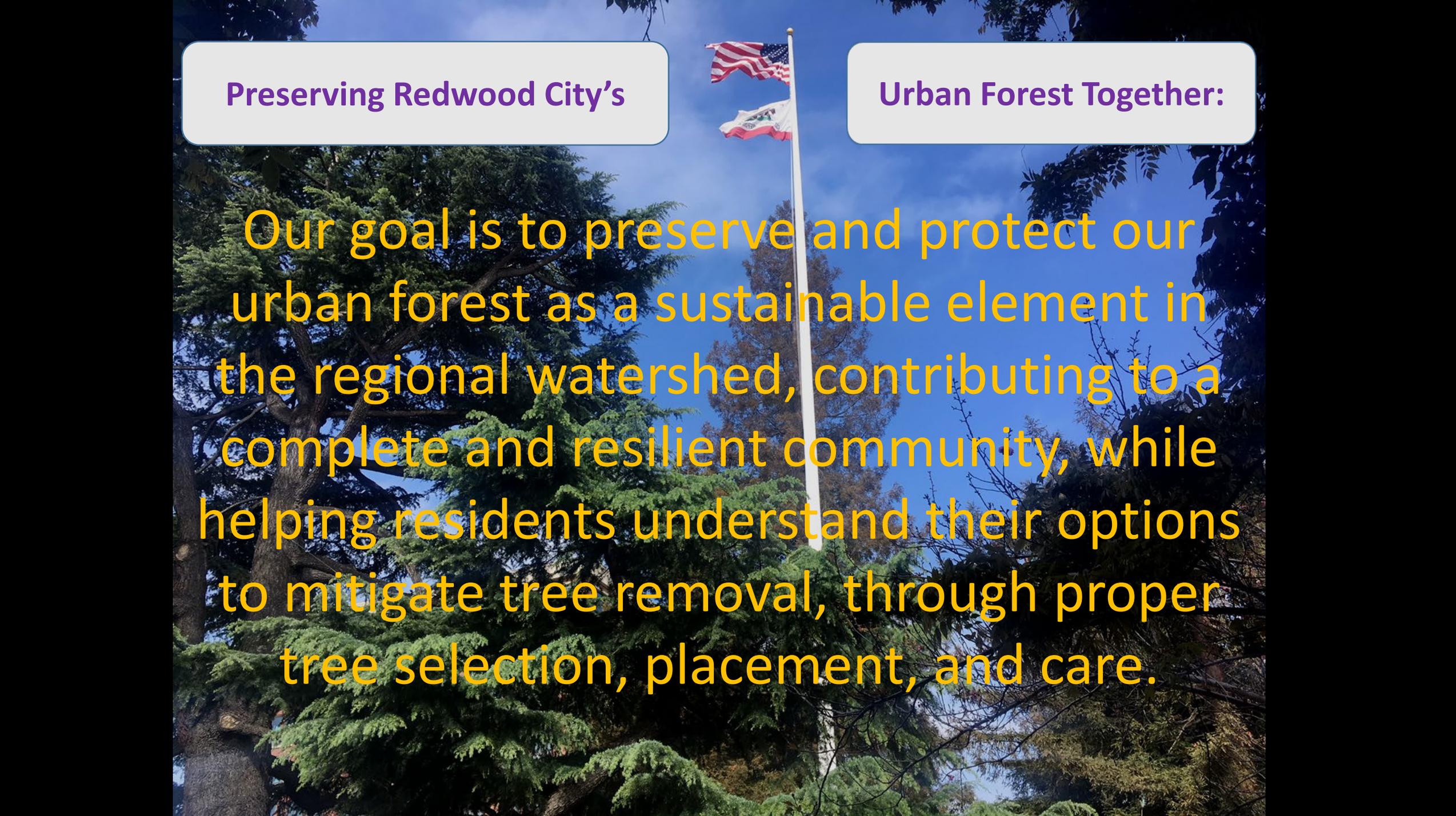


Landscape Maintenance and Tree Care During Drought

by CD-Charles Drechsler



Preserving Redwood City's

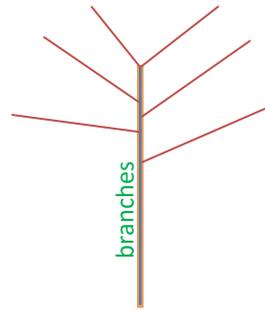
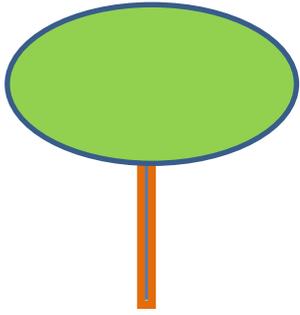
Urban Forest Together:

Our goal is to preserve and protect our urban forest as a sustainable element in the regional watershed, contributing to a complete and resilient community, while helping residents understand their options to mitigate tree removal, through proper tree selection, placement, and care.

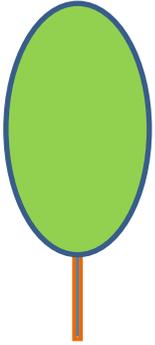
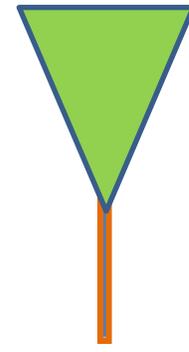
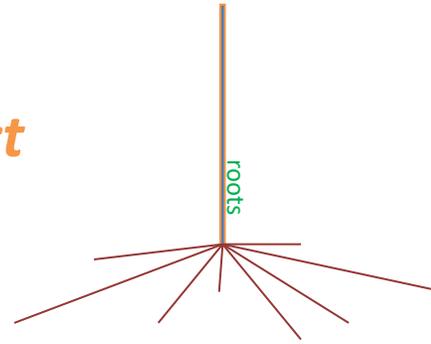
Plot Plan Form (Site Address):

Please
provide the
approximate
location of
the trees (T),
the home,
property
lines (P/L),
known
utilities
(Water,
Sewer, Gas),
plus any
replanting
locations.
Show all
trees on the
property.

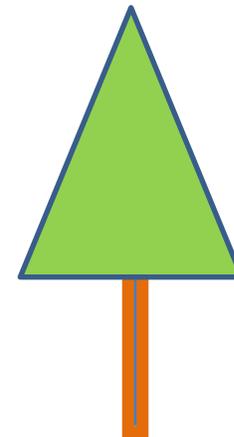
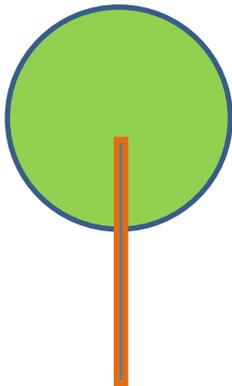
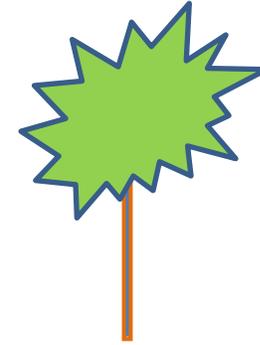




What to expect from a tree:



- Trees need light, clean air, water, and a healthy volume of soil.
- Trees branch out, and spread roots beyond their shadow.
- Trees start with a tap root as an anchor while larger sinker, lateral and structural roots grow to reach beyond the drip-line.
- A tree canopy can be small, tall, narrow or wide at maturity.
- Trees protect us from the sun, wind, and rain. Trees provide shade (*natural cooling*), privacy and green screening (*reducing wind & retaining home heat*), and capture rain and run-off (*stabilizing soil & slopes, while conserving storm water run-off*).
- Trees give us fresh air, flowers, fruit, nuts, and habitat for pollinators, birds, squirrels, and other local wildlife.
- Tree canopies can keep or lose their leaves annually, providing significant change in the shape, size and density of a landscape.
- Trees can bring balance, and context to your landscape plan.
- Trees have buttressing root forms, supporting upright growth.
- Trees need good soil, with depth and breadth to thrive.
- Trees need protection within their critical root zone & canopy boundaries, to flourish in sustainable landscapes.



Trees are good!

Master Tree List

"Climate best by government test", that's our motto, and our climate supports many tree varieties. Here's a short list of 65 trees, which have been successfully grown throughout our community. Our goal when selecting a tree is to permit and install the largest appropriate and desirable shade tree species, balanced with preserving the maximum use of available and safe space, while minimizing conflicts with nearby utilities. Our ordinance defines a tree as a single stemmed woody plant.

Small Trees - (For 3' to 5' wide plant strips & near utilities. 15' to 25' tall x 20' to 30' spread at maturity)

		Drought Tolerant	Recycled Water Tolerant	CA Native
Evergreen (7):				
<i>Ilex x altaclarensis</i> 'Wilsonii'	Holly	✓		
<i>Laurus nobilis</i> 'Saratoga'	Grecian Laurel/Sweet Bay			
<i>Magnolia grandiflora</i> 'Little Gem'	Magnolia	✓	✓	
<i>Melaleuca linarifolia</i>	Flaxleaf Paperbark	✓	✓	
<i>Metrosideros excelsus</i>	New Zealand Christmas Tree	✓	✓	
<i>Pittosporum viridiflorum</i>	Cape Pittosporum			
<i>Quercus tomentella</i>	Island Oak	✓		✓

Deciduous (13):

<i>Acer buergerianum</i>	Trident Maple	✓		
<i>Acer ginnala</i>	Amur Maple / Tatarian Maple			
<i>Cercis canadensis</i>	Eastern Redbud		✓	
<i>Chitalpa tashkentensis</i> 'Pink Dawn'	Chitalpa	✓		
<i>Crataegus x lavallei</i>	Carriere Hawthorn			
<i>Crataegus viridis</i>	Green Hawthorn			
<i>Lagerstroemia indica</i>	Crape Myrtle			
<i>Malus floribunda</i> 'Prariefire'	Flowering Crabapple	✓		
<i>Prunus cerasifera</i>	Cherry Plum / Myrobalan			
<i>Prunus serrulata</i> 'Kwanzan'	Flowering Cherry			
<i>Prunus sargentii</i>	Flowering Cherry			
<i>Prunus x vedoensis</i>	Yoshino / Flowering Cherry			
<i>Pyrus calleryana</i> 'Chanticleer'/Aristocrat'	Flowering Pear			

Medium Trees - (For 5' to 10' wide plant strips & under PG&E high voltage power lines. 30' to 45' tall x 30' to 50' spread at maturity)

Evergreen (7):

<i>Geijera parviflora</i>	Australian Willow	✓	✓	
<i>Maytenus boria</i>	Mayten			
<i>Pittosporum undulatum</i>	Victorian Box	✓		
<i>Podocarpus gracilior</i>	Fern Pine	✓	✓	
<i>Quillaja saponaria</i>	Soapbark Tree	✓		
<i>Rhus lancea</i>	African Sumac	✓	✓	
<i>Tristania laurina</i>	Water Gum	✓	✓	

Drought Tolerant Recycled Water Tolerant CA Native

Deciduous (10):

<i>Albizia julibrissen</i>	Silk Tree	✓	✓	<input type="checkbox"/>
<i>Ginkgo biloba</i> 'Autumn Gold' (male only)	Maidenhair (male only)	✓		
<i>Gleditsia triacanthos</i>	Honey Locust			
<i>Jacaranda mimosifolia</i>	Jacaranda		✓	
<i>Nyssa sylvatica</i>	Pepperidge/Sour Gum/Tupelo			
<i>Pistacia chinensis</i>	Chinese Pistache			
<i>Quercus douglasii</i>	Blue Oak	✓		✓
<i>Tilia cordata</i> 'Greenspire'	Little-Leak Linden	✓		
<i>Ulmus americana</i> 'Frontier'	Frontier Elm			
<i>Zelkova serrata</i>	Sawleaf Zelkova	✓		

Large Trees - (50' to 70' tall x 45' to 75' spread at maturity)

Evergreen (6):

<i>Cinnamomum camphora</i>	Camphor Tree			
<i>Eucalyptus rudis</i>	Desert Gum	✓		
<i>Pinus pinea</i>	Italian Stone Pine			
<i>Quercus ilex</i>	Holly Oak / Holm Oak	✓		✓
<i>Quercus suber</i>	Cork Oak	✓		
<i>Quercus virginiana</i>	Southern Live Oak	✓		✓

Deciduous (10):

<i>Acer rubrum</i>	Red Maple			
<i>Betula nigra</i>	River Birch			
<i>Fraxinus americana</i> 'Autumn Purple'	White Ash		✓	
<i>Morus alba</i>	Fruitless Mulberry			
<i>Platanus acerifolia</i> 'Columbia'	Sycamore/Plane Tree	✓	✓	
<i>Quercus coccinea</i> - Scarlet Oak	Scarlet Oak	✓		✓
<i>Quercus palustris</i>	Pin Oak	✓		✓
<i>Quercus rubra</i>	Red Oak	✓		✓
<i>Ulmus americana</i> 'Princeton'	American Elm (DED Resistant)			
<i>Ulmus parvifolia</i>	Chinese Elm			

Extra-Large Trees - (Especially tall, wide or fast growing trees for open spaces)

Evergreen (6):

<i>Eucalyptus citriodora</i>	Lemon Gum	✓		
<i>Pinus canariensis</i>	Canary Island Pine			
<i>Quercus agrifolia</i>	Coast Live Oak	✓		✓
<i>Quercus wislizenii</i>	Interior Live Oak	✓		✓
<i>Sequoia sempervirens</i> 'Aptos Blue'/'Soquel'	Redwood/Coast Redwood			
<i>Sequoiadendron giganteum</i>	Giant Sequoia			

Deciduous (6):

<i>Taxodium distichum</i>	Bald Cypress			
<i>Metasequoia glyptostroboides</i>	Dawn Redwood			
<i>Quercus lobata</i>	Valley Oak/California White Oak	✓		✓
<i>Quercus shumardii</i>	Shumard Red Oak	✓		
<i>Quercus kelloggii</i>	California Black Oak	✓		✓
<i>Quercus garryana</i>	Garry Oak/Oregon White Oak	✓		✓

An excellent on-line resource is available at: <http://selectree.calpoly.edu> for learning about planting 'the right tree, in the right place'. Please consider the mature tree size, and critical root zone when selecting the species, and location for your favorite tree.

Species or Cultivar	Common name	Irrigation Requirement (1)	Type (2)	Native	Coastal	Peninsula	East Bay	Salinity Tolerance (3)
Abutilon palmeri	INDIAN MALLOW	1	S	√	√	√	√	
Acer buergerianum	TRIDENT MAPLE	2	T		√			H
Acer buergerianum var. formosanum	TRIDENT MAPLE	2	T		√			
Acer circinatum	VINE MAPLE	2	S	√	√	√	√	
Acer macrophyllum	BIG LEAF MAPLE	2	T	√	√			L
Acer negundo var. californicum	BOX ELDER	2	T	√	√			
Achillea clavennae	SILVERY YARROW	1	P		√	√	√	M
Achillea millefolium	COMMON YARROW	1	P		√	√	√	M
Achillea millefolium 'Borealis'	COMMON YARROW	1	P		√	√	√	M
Achillea millefolium 'Colorado'	COMMON YARROW	1	P		√	√	√	M
Achillea millefolium 'Paprika'	COMMON YARROW	1	P		√	√	√	M
Achillea millefolium 'Red Beauty'	COMMON YARROW	1	P		√	√	√	M
Achillea millefolium 'Summer Pastels'	COMMON YARROW	1	P		√	√	√	M
Achillea 'Salmon Beauty'		1	P		√	√	√	M
Achillea taygetea		1	P		√	√	√	
Achillea 'Terracotta'		1	P		√	√	√	
Achillea tomentosa 'King George'	WOLLY YARROW	1	P		√	√	√	
Achillea tomentosa 'Maynard's Gold'	WOLLY YARROW	1	P		√	√	√	
Achillea x kellereri		1	P		√	√	√	
Achnatherum hymenoides	INDIAN RICEGRASS	1	P	√	√	√	√	
Adenanthos sericeus	WOOLYBUSH	1	S		√	√	√	
Adenostoma fasciculatum	CHAMISE	1	S	√	√	√	√	
Adenostoma fasciculatum 'Black Diamond'	CHAMISE	1	S	√	√	√	√	

BAWSCA Plant List



Plant it Beautiful. Keep it Green.

Recommended Plant List for Recycled Water Irrigation in the Redwood Shores Area

Converting to recycled water use does not generally require that you make radical changes to your landscaping. The vast majority of plants do fine with recycled water. The following plant list does not represent all the plants that are recycled-water tolerant. If you have plants in your landscape that are not included in this list, it does not mean they are incompatible with recycled water. The Redwood City Water Conservation and Recycling Program encourages its customers to try other plants as well.

Ornamental Grasses

Botanical Name	Common Name
<i>Calamagrostis x acutiflora</i> cultivars	Feather reed grass
<i>Elymus triticoides</i>	Beardless wildrye
<i>Festuca</i> spp.	Fescue
<i>Helictotrichon sempervirens</i>	Blue oat grass
<i>Leymus arenarius</i>	Blue lyne grass
<i>Muhlenbergia capillaris</i>	Muhly grass
<i>Panicum virgatum</i>	Switch grass
<i>Spartina pectinata</i>	Prarie cord grass

Ground Covers

Botanical Name	Common Name
<i>Acacia redolens</i>	nen
<i>Arctostaphylos 'Point Reyes'</i>	Point Reyes mananita
<i>Atriplex semibaccata</i>	Australian saltbush
<i>Baccharis pilularis 'Twin Peaks'</i>	Dwarf coyote brush
<i>Ceanothus gloriosus</i>	Pt. Reyes ceanothus
<i>Coprosma petrici 'Verde Vista'</i>	nen
<i>Cotoneaster dammeri 'Lowfast'</i>	Lowfast cotoneaster
<i>Delosperma alba</i>	White iceplant
<i>Drosanthemum hispidum</i>	Rosea iceplant
<i>Euonymus fortunei</i>	Winter creeper
<i>Ficus pumila</i>	Creeping fig
<i>Gazania</i> spp.	Gazania
<i>Juniperus chinensis</i> cultivars	Prostrate juniper
<i>Juniperus procumbens</i>	Japanese garden juniper
<i>Lampranthus productus</i>	Purple iceplant
<i>Lampranthus spectabilis</i>	Trailing iceplant
<i>Lantana montevidensis</i>	Weeping lantana
<i>Litope spicata</i>	Litope
<i>Lonicera japonica 'Halliana'</i>	Hall's honeysuckle
<i>Myoporum parvifolium</i> cvs.	Myoporum
<i>Ophiopogon japonicus</i>	Lily turf
<i>Osteospermum fruticosum</i>	African daisy
<i>Rosmarinus officinalis</i> cvs.	Rosemary
<i>Trachelospermum jasminoides</i>	Star jasmine
<i>Trachelospermum asiaticum</i>	Dwarf star jasmine

Herbaceous Perennials

Botanical Name	Common Name
<i>Anigozanthos</i> Bush Gem hybrids	Kangaroo paw
<i>Artemisia 'Powis Castle'</i>	nen
<i>Asparagus densiflorus 'Sprengeri'</i>	Sprenger asparagus
<i>Calendula officinalis</i>	Calendula
<i>Dianthus caryophyllus</i>	Carnation
<i>Diplacus hybrids</i>	Monkey flower
<i>Erigeron karvinskianus</i>	Mexican daisy
<i>Gaillardia pulchella</i>	Blanket flower
<i>Hemerocallis</i> spp.	Daylily
<i>Kniphofia uvaria</i>	Red hot poker
<i>Lavendula dentata</i>	French lavender
<i>Leonotis leonurus</i>	Lion's tail
<i>Machaeranthera xylorrhiza</i>	Common woody aster
<i>Oenothera speciosa childsii</i>	Mexican evening primrose
<i>Petunia hybrida</i>	Petunia
<i>Phlomis frutescens</i>	Portugal sage
<i>Salvia</i> spp.	Salvia
<i>Santolina chamaecyparissus</i>	Lavender cotton
<i>Santolina rosmarinifolia</i>	Green lavender cotton
<i>Senecio cineraria</i>	Dusty miller
<i>Solidago sempervirens</i>	Seaside goldenrod
<i>Stachys byzantina</i>	Lamb's ears
<i>Strelitzia reginae</i>	Bird of paradise
<i>Teucrium chamaedrys</i>	Germander
<i>Teucrium fruticosum</i>	Bush germander

Palms

Botanical Name	Common Name
<i>Brabea edulis</i>	Guadalupe palm
<i>Burra capitata</i>	Pindo palm
<i>Chamaecyparis humilis</i>	Mediterranean fan palm
<i>Cordyline indivisa</i>	Blue decasena
<i>Phoenix canariensis</i>	Canary Island palm
<i>Phoenix reclinata</i>	Senegal date palm

Shrubs

Botanical Name	Common Name
<i>Abelia x grandiflora</i>	Glossy abelia
<i>Acacia cultrifolmis</i>	Knife abelia
<i>Acacia longifolia</i>	Sydney golden wattle
<i>Acacia verticillata</i>	Needle acacia
<i>Agave</i> spp.	Agave
<i>Arctostaphylos densiflora 'Howard McMinn'</i>	Howard McMinn manzanita
<i>Artemesia pycnocephala</i>	Sandhill sage
<i>Atriplex canescens</i>	Four-wing saltbush
<i>Atriplex lentiformis brewerii</i>	Brewer's salt bush
<i>Buxus microphylla var. japonica</i>	Japanese boxwood

<i>Callistemon citrinus</i>	Lemon bottlebrush
<i>Callistemon rigidus</i>	Stiff bottlebrush
<i>Callistemon viminalis 'Little John'</i>	Little John bottlebrush
<i>Carissa macrocarpa</i>	Natal plum
<i>Ceanorus 'Frosty Blue'</i>	Frosty blue wild lilac
<i>Ceanothus 'Joyce Coulter'</i>	Joyce Coulter Wild lilac
<i>Cercocarpus betuloides</i>	Hardhack
<i>Cistus hybridus</i>	White rockrose
<i>Cistus ladanifer</i>	Crimson spot rockrose
<i>Cistus skanbergii</i>	Hybrid rockrose
<i>Cistus x purpureus</i>	Orchid rockrose
<i>Colocoma</i> spp.	Breath of heaven
<i>Cotoneaster microphyllus</i>	Rockspray cotoneaster
<i>Dietes iridioides</i>	Fornight lily
<i>Dodonaea viscosa</i>	Hop bush
<i>Elaeagnus pungens 'Fruitlandii'</i>	Silverberry
<i>Eriogonum arborescens</i>	Santa Cruz is. buckwheat
<i>Eriogonum crocatum</i>	Hop bush
<i>Eriogonum fasciculatum</i>	Saffron buckwheat
<i>Eriogonum umbellatum polyanthum</i>	California buckwheat
<i>Eucalyptus lehmannii</i>	Sulfur buckwheat
<i>Euonymus japonica</i> cvs.	Bushy yate
<i>Euphorbia x martinii</i> cvs.	Spindle tree
<i>Grevillea 'Canberra'</i>	Spurge
<i>Grewia occidentalis</i>	nen
<i>Griselinia littoralis</i>	Lavender star flower
<i>Halca suaveolens</i>	Griselinia
<i>Heteromeles arbutifolia</i>	Sweet hakea
<i>Ilex vomitoria</i>	Toyon
<i>Juniperus chinensis</i> cvs.	Yaupon
<i>Lavatera assurgentiflora</i>	Juniper
<i>Leptospermum laevigatum</i>	Tree mallow
<i>Leptospermum scoparium</i>	Australian tea tree
<i>Lycophyllum frutescens</i>	New Zealand tea tree
<i>Ligustrum japonicum</i>	Texas sage
<i>Mahonia nevinii</i>	Japanese privet
<i>Myrica californica</i>	Nevin mahonia
<i>Myrsine africanum</i>	Pacific wax myrtle
<i>Myrtus communis</i>	African box
<i>Nerium oleander</i>	Myrtle
<i>Phormium tenax and hybrids</i>	Oleander
<i>Pittosporum crassifolium</i>	New Zealand flax
<i>Pittosporum tobira</i> cvs.	Evergreen pittosporum
<i>Plumbago auriculata</i>	Mock orange
<i>"Potentilla fruticosa "Jackmanii"</i>	Cape plumbago
<i>Prunus caroliniana 'Bright Tight'</i>	Jackman's potentilla
<i>Prunus ilicifolia lyonii</i>	Dwarf Carolina laurel cherry
<i>Psidium carterianum</i>	Catalina cherry
<i>Punica granatum</i> cvs.	Strawberry guava
<i>Pyracantha cernatoserrata</i>	Pomegranate
<i>Pyracantha coccinea</i>	Pyracantha
<i>Rhamnus californica</i>	Firethorn
<i>Rhaphirolepis umbellata</i>	Coffeeberry
<i>Rhaphirolepis indica</i>	Yeddo hawthorn
<i>Rhaphirolepis x 'Majestic Beauty'</i>	Indian hawthorn
<i>Rhus integrifolia</i>	Majestic beauty hawthorn
<i>Rosa rugosa</i>	Lemonade berry
<i>Rosmarinus officinalis 'Tuscan Blue'</i>	Rugosa rose
<i>Senna (syn. Cassia) artemisioides</i>	Rosemary
<i>Xylosma congestum</i>	Feathery cassia
<i>Yucca</i> spp.	Shiny xylosma
	Yucca

Trees

Botanical Name	Common Name
<i>Acacia melanoxylon</i>	Blackwood acacia
<i>Agonis flexuosa</i>	Peppercorn tree
<i>Arbutus 'Marina'</i>	Marina madrone

<i>Arbutus unedo</i>	Strawberry tree
<i>Brachyctonus populneus</i>	Bottle tree
<i>Callistemon viminalis</i>	Weeping bottlebrush
<i>Casuarina cunninghamiana</i>	River she-oak
<i>Casuarina stricta</i>	Coast beefwood
<i>Ceanothus thyrsiflorus</i>	Blue blossom
<i>Cedrus deodara</i>	Deodar cedar
<i>Cercis occidentalis</i>	Western redbud
<i>Corymbia (syn Eucalyptus) ficifolia</i>	Red-flowering gum
<i>Cupaniopsis anacardioides</i>	Carrot wood
<i>Cupressus glabra</i>	Arizona cypress
<i>Eucalyptus globulus 'Compacta'</i>	Dwarf blue gum
<i>Eucalyptus gunnii</i>	Cider gum
<i>Eucalyptus maculosa</i>	Red spotted gum
<i>Eucalyptus microtheca</i>	Collibah tree
<i>Eucalyptus polyanthemus</i>	Silver dollar gum
<i>Eucalyptus robusta</i>	Swamp mahogany
<i>Eucalyptus rudis</i>	Swamp gum
<i>Eucalyptus saligna</i>	Sydney blue gum
<i>Eucalyptus sargentii</i>	Salt river mallee
<i>Eucalyptus spathulata</i>	Swamp mallee
<i>Eucalyptus viminalis</i>	Manna gum
<i>Eucalyptus leucosylon rosea</i>	Pink-flowered white ironbark
<i>Fraxinus uhedi</i>	Evergreen ash
<i>Koeleretaria paniculata</i>	Goldrain tree
<i>Lophostemon conferta</i>	Brisbane box
<i>Melaleuca quinquenervia</i>	Cajepur tree
<i>Melaleuca styphelloides</i>	Prickly melaleuca
<i>Melia azedarach umbraculiformis</i>	Texas umbrella tree
<i>Metrosideros excelsus</i>	New Zealand Christmas tree
<i>Olea europaea</i>	Olive
<i>Pinus brutia</i>	Brutia pine
<i>Pinus cembroides</i>	Mexican pinon pine
<i>Pinus halepensis</i>	Aleppo pine
<i>Pinus pinea</i>	Italian stone pine
<i>Pinus thunbergiana</i>	Japanese black pine
<i>Pittosporum phillyracoides</i>	Desert willow
<i>Podocarpus gracillior</i>	African fern pine
<i>Podocarpus macrophyllus</i>	Japanese yew
<i>Populus fremontii 'Nevada'</i>	Nevada Fremont poplar (male cultivar)
<i>Prunus ilicifolia</i>	Hollyleaf cherry
<i>Prunus lyonii</i>	Catalina cherry
<i>Pyrus calleryana</i> cultivars	Flowering pear
<i>Quercus agrifolia</i>	Coast live oak
<i>Quercus ilex</i>	Holly oak
<i>Quercus robur</i>	English oak
<i>Quercus rubra</i>	Northern red oak
<i>Quercus shumardii</i>	Shumard Red Oak
<i>Quercus suber</i>	Cork oak
<i>Quercus virginiana</i>	Southern live oak
<i>Rhus lancea</i>	African sumac
<i>Robinia x ambigua 'Purple Robe'</i>	Purple robe locust
<i>Schinus molle</i>	California pepper
<i>Sophora japonica</i>	Japanese pagoda tree
<i>Taxodium distichum</i>	Bald cypress
<i>Tristanopsis laurina</i>	Water gum

Vines

Botanical Name	Common Name
<i>Bougainvillea</i> cultivars	Bougainvillea
<i>Celastrum sempervirens</i>	Carolina jessamine
<i>Fallopia baldschuanica</i>	Silver lace vine
<i>Lonicera hildebrandiana</i>	Giant honeysuckle
<i>Lonicera japonica 'Halliana'</i>	Hall's honeysuckle
<i>Macfadyena unguis-cati</i>	Yellow cats-claw creeper

Redwood City Water Conservation and Recycling Program, 1400 Broadway, Redwood City, CA 94063 • [650] 780-7464

Recycled Water Plant List

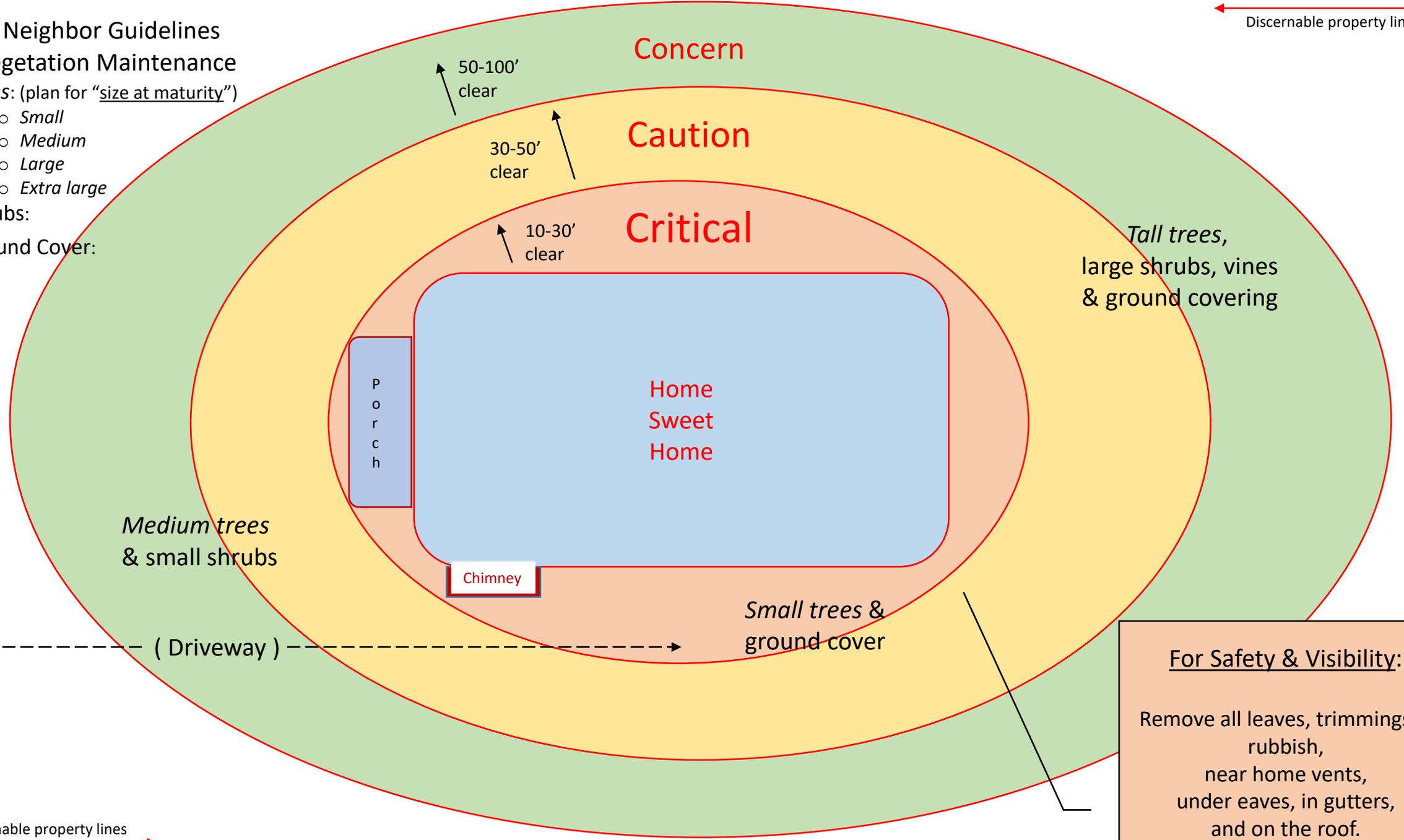
Good Neighbor Guidelines for Vegetation Maintenance

☐ **Trees:** (plan for “size at maturity”)

- Small
- Medium
- Large
- Extra large

☐ **Shrubs:**

☐ **Ground Cover:**



For Safety & Visibility:

Remove all leaves, trimmings & rubbish, near home vents, under eaves, in gutters, and on the roof.

ACWD Drought Postcard



ONE SAVES WATER
Action. Person. Community.

Drought is serious!

Save water now.
Our future depends on it.



43885 S. Grimmer Boulevard
Fremont, CA 94538



Drought updates, ways to
save, and rebate info at
acwd.org/drought

A third dry year may be on the horizon, so we ask customers to reduce water use by 15%. Choices we make today can help prepare for tomorrow and minimize the impacts of conservation mandates that may be imposed. *Let's work together to save water now.*

Here's How:

- Find and fix leaks
- Reduce unnecessary toilet flushes
- Reduce shower times by 1-2 minutes
- Remove lawn and install water efficient plants
- Use a broom instead of a hose to clean driveways and sidewalks
- This winter, only irrigate during extended dry periods and prioritize water for your trees