

## LANDSCAPE STANDARDS

**INTRODUCTION** City code mandates the creation of a tree and landscaping board to study, develop and administer landscaping standards as well as a plan for maintaining trees and shrubs in public areas (owned by the city), streets and alleys (public right-of-way)(chp.58, Art. IV, Sec. 58-77). Due to the rising cost of landscape maintenance, the city has reviewed the standards and concluded that revision is required. The purpose of these standards is to minimize the cost of landscaping maintenance and damage to infrastructure like water, sewer, electric lines, as well as roads, sidewalks, curbs and gutters.

### PLANTING GUIDELINES

**SPECIES** In parks and other public areas owned by the city, the landscaping board will select tree and shrub species. Within public right-of-way, tree species will conform for the selected list (Figure 1). *Note that tree species planted should vary in order to minimize the effects of possible blight or plague.* Shrub species will not be toxic, will require a minimum of maintenance, and whenever feasible, will be drought tolerant. Within public right-of-way, turf should be minimized.

**SIZE** In parks and other public areas, tree and shrub size will be determined by the landscaping board. Within public right-of-way, trees will be a minimum of 15 gallon size. Shrubs will be a minimum of 1 gallon size.

### SPACING/SETBACK

- In parks and other public areas, trees and shrub spacing/setback will be determined by the landscaping board.
- Within public right-of-way, trees will be planted no less than 30 feet apart and no more than 50 feet apart (measured from trunk).
- In either case, where a tree is planted within 10 feet of any structure and/or paved surface, root barriers will be installed. The root barrier will conform to city standards.
- All trees will be planted at least 30 feet from street lights and from intersections. For intersections, the distance is measured by bisecting the curb radius.
- Shrubs planted within 30 feet of intersections will have a mature height of less than 36 inches.
- All trees will be planted at least 10 feet away from hydrants, poles, transformers, telephone junction boxes, and manholes.

**ANTI-GRAFFITI** Where parks, public areas, and/or public right-of-way abut fences or walls, climbing vines will be planted at a minimum spacing of 10 feet apart.

**IRRIGATION** All landscaping in parks, public areas, and public right-of-way will include automatic irrigation systems approved by the Public Works Director.

**Street Trees List**  
(for use within public right-of-way)

<b>Botanical Name</b>	<b>Common Name</b>	<b>Mature Height</b>	<b>Spread</b>	<b>Drought Tolerance</b>
Acacia cognata	Bower Wattle, River Wattle	20-30'	≤10'	•
Acacia longifolia	Sydney Golden Wattle	15-20'	≤10'	•
Acer oblongum var. concolor	Chinese Maple Evergreen Maple	15-30'	≤15'	•
Acer palmatum	Japanese Maple	25'	25'	•
Callistemon citrinus	Red Bottlebrush	15'	15'	•
Callistemon viminalis	Weeping Bottlebrush	20'	20'	•
Cercidium "Desert Museum"	Desert Museum	25'	25'	•
Cercis canadensis	Eastern Redbud	20-30'	15-25'	•
Cercis occidentalis	Western Redbud	25'	25'	•
Chilopsis linearis	Desert Willow	30'	25'	•
Chionanthus retusus	Chinese Fringetree	15-20'	10-15'	•
Elaeagnus angustifolia	Russian-Olive	20'	20'	•
Eriobotrya deflexa	Bronze Loquat	20'	20'	•
Fraxinus velutina Torr.	Arizona Ash Velvet Ash	30'	35'	•
Geijera parvifolia	Australian Willow	20'	20'	•
Ilex altaclarensis	Wilson Holly	20'	20'	•
Lagerstroemia indica	Crape-Myrtle	30'	25'	•
Photinia X fraseri	Fraser Photinia	18'	12'	•
Pinus thunbergiana	Japanese Black Pine	30'	35'	•
Pistacia texana	Texas pistache	35'	45'	•
Pittosporum phillyracoides	Willow Pittosporum	15-20'	10-15'	•
Rhus lancea (Male)	African Sumac	30'	30'	•
Rhus typhina	Staghorn Sumac	25'	25'	•
Vitex agnus-castus	Chaste Tree	15'	20'	•

\*Staff may, with the Tree and Landscape Commission's concurrence, add and/or delete tree species listed. In the event of revisions, City Council approval will be requested annually.

**Street Shrub List \***

**\*shrub species should vary**  
(for use within public right-of-way)

scientific name	common name	mature height	spacing
<i>Abelia grandiflora</i>	Any variety	6'	±10'
<i>Aloysia triphylla</i>	Lemon Verbena	6'	±6'
<i>Aloysia wrightii</i>	Oreganillo	5'	5'
<i>Arctostaphylos</i>	Manzanita (any variety)	3-8'	±6'
<i>Artemisia abrotanum</i>	Southernwood	3-5'	±5'
<i>Artemisia californica</i>	California Sagebrush	1-5'	±6'
<i>Artemisia ludoviciana alba</i>	Silver King Artemisia	2-5'	±5'
<i>Artemisia X absinthium</i>	"Powis Castle"	3-6'	±5'
<i>Artemisia pontica</i>	Roman Wormwood	4'	±5'
<i>Atriplex canescens</i>	Four Wing Saltbrush	3-6'	±10'
<i>Atriplex lentiformis</i>	Quail Bush	3-10'	±6'
<i>Atriplex a.l. breweri</i>	Brewer Saltbrush	1-3'	±3'
<i>Atriplex hymenelytre</i>	Desert Holly	1-3'	±3'
<i>Berberis buxifolia</i>	Magellan Barberry	6'	±6'
<i>Berberis thunbergii</i>	Any variety	4-6'	±5'
<i>Brachysema lanceolatum</i>	Scimitar Shrub	3'	5'
<i>Bupleurum fruticosum</i>	Shrubby Hare Ear	5'	5'
<i>Buxus</i>	Boxwood (any variety)	varies	±5'
<i>Calliandra tweedii</i>	Brazilian Flame Bush	6-8'	±5'
<i>Callistemon citrinus</i>	Bottlebrush	10'	±10'
<i>Carissa macrocarpa</i>	Natal Plum	5-7'	±5'
<i>Carpenteria californica</i>	Bush Anemone	4-6'	5'
<i>Ceanothus</i>	Wild Lilac (any variety)	varies	10"
<i>Cercocarpus betuloides</i>	Hardtack	5-12'	±10'
<i>Cercocarpus ledifolius</i>	Curl Leaf Mountain	5-12'	±10'
<i>Chamelaucium uncinatum</i>	Geraldton Waxflower	6-8'	7'
<i>Choisya ternata</i>	Mexican Orange	8'	±5'
<i>Chrysothamnus nauseosus</i>	Rubber Rabbit Bush	6'	5'
<i>Cistus</i>	Rock Rose	2-3'	5'
<i>Coleonema pulchrum</i>	Pink Diosma	5'	5'
<i>Comarostaphylis diversifolia</i>	Summer Holly	6'	5'
<i>Coprosma</i>	Coppershine	6'	5'
<i>Coprosma petriei</i>		2-3'	10'
<i>Cordia boissier</i>	Texas Olive	3-10'	5'
<i>Cordia parvifolia</i>	Little Leaf Cordia	3-10'	5'
<i>Cotoneaster apiculatus</i>	Cranberry Cotoneaster	3'	6'
<i>Cotoneaster divaricatus</i>	Spreading Cotoneaster	6'	6'
<i>Dietes</i>	Fortnight lily	3'	3'
<i>Dodonaea viscosa</i>	Purple Hopseed (any variety)	12-15'	10'
<i>Dorycnium hirsutum</i>	Hairy Canary Clover	2'	5'
<i>Elaeagnus ebbingei</i>		10-12'	5'
<i>Encelia californica farinosa</i>	Brittlebush	5'	5'
<i>Eremophila glabra</i>	Any variety	5-9'	5'

<i>Eremophila maculata</i>	Spotted Emu Bush	3-6'	5'
<i>Eriogonum fasciculatum</i>	California Buckwheat	1-3'	3'
<i>Eriostemon myoporoides</i>	Waxflower	6-8'	5'
<i>Escallonia rubra</i>	Red Claws	8'	10'
<i>Escallonia fadres</i>	Frades Escallonia	6'	5'
<i>Euryops pectinatus</i>	Yellow Daisy Shrub	6'	5'
<i>Fallugia paradoxa</i>	Apache Plume	3-8'	5'
<i>Forestiera neomexicana</i>	Desert Olive	6-8'	10'
<i>Garrya fremontii</i>	Fremont Silk Tassel	4-8'	5'
<i>Genista hispanica</i>	Spanish Broom	6'	5'
<i>Genista spachiana</i>	Easter Broom	6'	5'
<i>Grevillea Noellii</i>	Noel's Grevillea	6-10'	10'
<i>Grevillea rosmarinifolia</i>	Rosemary Grevillea	6-10'	10'
<i>Grewia occidentalis</i>	Lavender Starflower	6-10'	10'
<i>Hakea orthorrhyncha</i>	Bird Beak Hakea	5-10'	5'
<i>Hakea saligna</i>	Willowleaf Hakea	8'	10'
<i>Hakea victoria</i>	Royal Hakea	9'	10'
<i>Halimicistus sahuicii</i>	Hybrid sunrose	2-3'	3'
<i>Halimium</i>		2-3'	3'
<i>Heteromeles arbutifolia</i>	Toyon	6-10'	5'
<i>Hypericum androsaemum</i>	St. Johnswort	3'	5'
<i>Hypericum beanii</i>		4'	5'
<i>Juniperus chinensis</i> "Blue Point"	Teardrop Juniper	12-15'	10'
<i>Juniperus chinensis</i> "Plumosa Aurea"	Golden Juniper	8-10'	5'
<i>Juniperus chinensis</i> media "Armstrong"	Armstrong Juniper	3-5'	5'
<i>Juniperus chinensis</i> "Gold Coast"	Gold Coast Juniper	3'	5'
<i>Juniperus chinensis</i> Sabina "Tamariscifolia"	Tam Juniper	2-4'	10'
<i>Juniperus chinensis</i> "Tolleson's Weeping"	Tolleson Juniper	15'	5'
<i>Juniperus chinensis</i> virginiana "Skyrocket"	Skyrocket Juniper	15'	5'
<i>Leucophyllum candidum</i>	Violet Silverleaf	5'	5'
<i>Leucophyllum frutescens</i>	Texas Sage	4-8'	10'
<i>Leucophyllum laevigatum</i>	Cenizo/Chihuahua Sage	4-5'	5'
<i>Leucophyllum langmaniae</i>	Rio Bravo Ranger	3-4'	5'
<i>Leucophyllum zygophyllum</i> "Cimarron"	Blue Texas Ranger	6'	5'
<i>Ligustrum japonicum</i>	Wax Leaf Privet	15-18'	10'
<i>Ligustrum sinense</i>	Chinese Privet	12'	10'
<i>Mahonia fremontii</i>	Desert Mahonia	6-10'	10'
<i>Melianthus major</i>	Honey Bush	12-14'	5'
<i>Myrica californica</i> "Buxifolia"	Pacific Wax Myrtle	6-10'	5'
<i>Myrsine africana</i>	African Boxwood	5-6'	5'
<i>Nandina domestica</i>	Heavenly Bamboo	6-8'	3-5'
<i>Olea europaea</i> "Little Olive"	Dwarf Olive	2-3'	5'
<i>Olearia phlogapappa</i>	Dust Daisy-Bush	6'	4'
<i>Ozothamnus rosmarinifolius</i>	Sea Rosemary	8'	6'

<i>Perovskia atriplicifolia</i>	Russian Sage	6'	5'
<i>Phormium tenax</i>	New Zealand Flax	3-10'	5'
<i>Photinia X Fraseri</i>	Fraser Photinia "Red Robin"	8-10'	10'
<i>Pinus strobus "Nana"</i>	Dwarf White Pine	3-7'	10'
<i>Pittosporum tobira</i>	Japanese Pittosporum	6'	5'
<i>Platycladus orientalis "Aurea"</i>	Dwarf Golden Arborvitae	4-6'	5'
<i>Plumbago auriculata</i>	Cape Plumbage	4-6'	5'
<i>Podocarpus macrophyllus maki</i>	Shrubby Yew Pine	6-8'	5'
<i>Potentilla fruticosa cvs.</i>	Cinquefoil	2-4'	3'
<i>Rhamnus alaternus</i>	Variegated Italian Buckhorn	15'	5'
<i>Rhamnus californica</i>	Coffeeberry	6-8'	2-3'
<i>Rhaphiolepis indica</i>	Indian Hawthorn	4-5'	5-6'
<i>Rhaphiolepis umbellate</i>	Yeddo Hawthorn	4-6'	5'
<i>Rosmarinus officinalis</i>	White Rosemary "Albus"	6'	5'
<i>Salvia apiana</i>	California White Sage	3-4'	3'
<i>Styrax officinalis redivivus</i>	California Snowdrop	4-12'	5'
<i>Viburnum tinus</i>	Laurustinus "Variegatum"	10'	10'
<i>Westringia fruticosa</i>	Coast Rosemary	3-6'	5'
<i>Xylosma congostum "Compactum"</i>	Dwarf Xylosma"	4'	5'
<i>Yucca aloifolia</i>	Spanish Bayonet	6'	5'
<i>Yucca recurvifolia</i>		6-10'	6-8'

**Street Ground Cover List**

(for use within public right-of-way)

<b>scientific name</b>	<b>common name</b>	<b>height</b>	<b>spacing</b>
<i>Ajuga reptans</i>	Carpet Bugle	2-8"	6"
<i>Arctostaphylos edmundsii</i>	Little Sur Manzanita	1-15"	6' O.C.
A. Emerald carpet		8-14"	2.5' O.C.
A. Indian Hill		6"	2" O.C..
<i>Artemisia caucasica</i>	Silver Spreader	3-6"	1' O.C.
<i>Baccharis pilularis</i>	Dwarf Coyote Bush	8-24"	3' O.C.
<i>Ceanothus gloriosus</i>	Point Reyes Ceanothus	4-24"	2.5' O.C.
<i>C. griseus horizontalis</i>	Carmel Creeper	1-2'	2.5' O.C.
<i>Ceratostigma plumbaginoides</i>	Dwarf Plumbago	6-10"	6" O.C.
<i>Cistus salviifolius</i>	Sage Leaf Rockrose	6"	1' O.C.
<i>Cotoneaster conspicuus decorus</i>	Necklace Cotoneaster	1'	3' O.C.
C. dammeri	Bearberry Cotoneaster	8"	10' O.C.
<i>Dampiera diversifolia</i>	Varied Leaf Dampiea	6-8"	8" O.C.
<i>Drosanthemum floribundum</i>	Rosea Ice Plant	4-6"	6" O.C.
<i>Erodium creichardii</i>	Cranesbill Geranium	3-6"	6' O.C.
<i>Euonymus fortunei 'Gracilis'</i>	Winter Creeper Euonymus	2"	3' O.C.
<i>Gazania rigens leucolaena</i>	Trailing Gazania	6-10"	9" O.C.
<i>Herniaria glabra</i>	Green Carpet	2-3"	12" O.C.
<i>Hypericum coris</i>	Creeping St. Johnswort	6-12"	.6" O.C.
<i>Juniperus chinensis 'Parsonii'</i>	Prostrate Juniper	1.5'	5' O.C.
J.c. 'San Jose'		1'	2' O.C.
<i>J. rigida conferta</i>	Blue Pacific	6-12"	5' O.C.
<i>J. horizontalis</i>	Bar Harbor	12"	4' O.C.
<i>J. h. 'Douglasii'</i>	Waukegan Juniper	1'	5' O.C.
<i>J.h. 'Plumosa'</i>	Andorra Juniper	18"	5' O.C.
<i>J.h. 'Wiltonii'</i>	Blue Carpet	4"	4" O.C.
<i>J. procumbens 'Green Mound'</i>		1'	1.5' O.C.
J.p. 'Nana'	Dwarf Juniper	12"	2' O.C.
<i>Lithodora diffusa 'Grace Ward'</i>	Lithodora	1'	1.5' O.C.
<i>Malvastrum latritium</i>	Trailing mallow	1'	1.5' O.C.
<i>Myoporum parvifolium</i>	Prostrate	3-6"	2.5' O.C.
<i>Romarinus officinalis 'Prostratus'</i>	Dwarf Rosemary	2-3'	2' O.C.
<i>Teucrium cossonii majoricum</i>	Prostrate Germander	4-6"	1.5' O.C.
<i>Trachelospermum asiaticum</i>	Asian Star Jasmine	12-18"	1.5' O.C.

City of Sanger

## Street Vine List

(for use within public right-of-way against walls & fences)  
spacing= 5' off-center

<b>scientific name</b>	<b>common name</b>	<b>mature spread</b>
<i>Ampelopsis brevipedunculata</i>	Porcelain Berry	20-30'
<i>Aristolochia californica</i>	California Dutchmans Pipe	8-12'
<i>Bignonia capreolata</i>	Crossvine	60'
<i>Campsis radicans</i>	Common Trumpet Vine	40'
<i>C.x. tagliabuana</i>		15-20'
<i>Clematis armandii</i>	Evergreen Clematis	20'
<i>Clematis viticella</i>	Clematis	8-10'
<i>Clytostoma callistegioides</i>	Violet Trumpet Vine	20-30'
<i>Distictis buccinatoria</i>	Scarlet Trumpet Vine	40'
<i>Euonymus fortunei radicans</i>	Common Winter Creeper	20'
<i>E. kiautschovicus</i>		8'
<i>Ficus pumila</i>	Creeping Fig	20-30'
<i>Hedera canariensis</i>	Algerian Ivy	10'
<i>H. helix 'Baltica'</i>	English Ivy	10'
<i>Hydrangea anomala petiolaris</i>	Climbing Hydrangea	60'
<i>Lonicera korolkowii floribunda</i>	'Blue Velvet' Honeysuckle	8-12'
<i>L. 'Mandarin'</i>		15-20'
<i>L. periclymenum</i>	Woodbine	10-20'
<i>L. sempervirens</i>	Trumpet Honeysuckle	10-20'
<i>L. x tellmanniana</i>	Redgold Honeysuckle	15'
<i>Macfadyena unguis-cati</i>	Cat's Claw	25-40'
<i>Muehlenbeckia complexa</i>	Wire Vine	20-30'
<i>Parthenocissus quinquefolia</i>	Virginia Creeper	20-30'
<i>P. triscuspidata</i>	Boston Ivy	50'
<i>Schizophragma hydrangeoides</i>	Japanese Hydrangea Vine	30'
<i>Fallopia baldschuanica</i>	Silver Lace Vine	40'