

City of Irvine
Landscape Manual

SECTION X
TREE PLANTING GUIDELINES

SAMPLE
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A. GENERAL

The purpose of this section is to establish setback standards to provide ample space for trees to grow to their characteristic mature size without the need for excessive pruning or repair of damage caused by trees. The trees listed in this section do not constitute an “approved tree list.” Other species will be considered and setback standards established for any tree not listed. The following shall be used to evaluate any proposed species:

1. The mature size of the species and how that may conflict with surrounding uses, structures or utilities.
2. The compatibility of the species with surrounding landscape and land use.
3. The maintenance needs for the species in terms of pruning, irrigation, and insect or disease pest problems.
4. The compatibility of the species with the local soil and climate conditions.
5. The contribution of the species to accomplishing tree species diversity goals.
6. The contribution of the species to accomplishing the goals of the Sustainability in Landscape Ordinance.

B. TREE MANAGEMENT PROGRAM

These specifications provide the minimum distances required at the time of installation. The City recognizes that there may be a need to install a mature-looking landscape and may, therefore, allow these minimum distances to be reduced. In such cases, a comprehensive tree maintenance program shall be prepared with input from a Western Chapter International Society of Arborists (ISA) Certified Arborist for use by the party ultimately responsible for maintenance. The program should address pruning intervals, tree removal schedules, and projected replanting requirements. It should include a tree inventory and tree location map, ISA specifications for planting and pruning, and estimated costs projected over an appropriate time period.

C. SETBACK REQUIREMENTS

1. Ground Setback:

Required minimum planting distance (in feet) from any ground level structure such as sidewalks, curbs, and fences. The setback may be reduced by the following schedule with the installation of root control devices at the time of planting.

Normal Ground Setback	Reduced Ground Setback
3	3
4	3
5	4
6	5
8	5
10	6
15	No reduction
20	No reduction

2. Aerial Setback:

Required minimum planting distance (in feet) from any building or other structure over six feet in height.

3. Minimum Spacing:

Required minimum distance (in feet) between trees as shown in the tree list.

D. TREE LIST

No.	Botanical Name	Common Name	Ground Setback	Aerial Setback	Minimum Spacing
1.	<i>Acacia baileyana</i>	Bailey Acacia	6	10	20
2.	<i>Acacia cultriformis</i>	Knife Acacia	4	8	15
3.	<i>Acacia melanoxylon</i>	Blackwood Acacia	8	10	25
4.	<i>Acacia pendula</i>	Weeping Myall	6	8	15
5.	<i>Acer negundo</i>	Box Elder	8	15	30
6.	<i>Acer saccharinum</i>	Silver Maple	8	15	30
7.	<i>Agathis robusta</i>	Queensland Kauri	6	10	20
8.	<i>Agonis flexuosa</i>	Peppermint Tree	4	10	25
9.	<i>Albizia julibrissin</i>	Silk Tree	6	15	35
10.	<i>Alnus cordata</i>	Italian alder	6	10	25
11.	<i>Alnus rhombifolia</i>	White alder	8	10	35
12.	<i>Angophora costata</i>	Gum Myrtle	6	10	35
13.	<i>Araucaria heterophylla</i>	Norfolk Island Pine	6	12	25
14.	<i>Arbutus unedo</i>	Strawberry Tree	3	8	15
15.	<i>Archontophoenix cunninghamiana</i>	King Palm	3	6	10
16.	<i>Arecastrum romanzoffianum</i>	Queen Palm	3	6	10
17.	<i>Bauhinia blakeana</i>	Hong Kong Orchid tree	3	8	15
18.	<i>Bauhinia variegata</i>	Purple Orchid tree	5	8	25
19.	<i>Betula pendula</i>	European White Birch	5	10	20
20.	<i>Brachychiton acerifolius</i>	Flame Tree	5	10	25
21.	<i>Brachychiton populneus</i>	Bottle Tree	5	10	30
22.	<i>Brahea edulis</i>	Guadalupe Palm	3	6	2
23.	<i>Callistemon citrinus</i>	Lemon Bottlebrush	3	6	15
24.	<i>Callistemon viminalis</i>	Weeping Bottlebrush	4	8	15
25.	<i>Calocedrus decurrens</i>	Incense Cedar	6	15	25
26.	<i>Calodendrum capense</i>	Cape Chestnut	5	10	35
27.	<i>Cassia leptophylla</i>	Gold Medallion tree	4	6	15
28.	<i>Casuarina cunninghamiana</i>	River She-Oak	5	10	30
29.	<i>Casuarina stricta</i>	Mountain She-Oak	5	8	20
30.	<i>Cedrus deodara</i>	Deodar Cedar	6	15	35
31.	<i>Ceratonia siliqua</i>	Carob	10	15	35
32.	<i>Cercis occidentalis</i>	Western Redbud	3	6	15
33.	<i>Chionanthus retusus</i>	Chinese Fringe tree	4	7	15
34.	<i>Chorisia speciosa</i>	Floss Silk Tree	6	10	30
35.	<i>Cinnamomum camphor</i>	Camphor Tree	6	20	40
36.	<i>Crinodendron patagua</i>	Lily of the Valley	6	8	20
37.	<i>Cupaniopsis anacardiodes</i>	Carrotwood	4	10	30
38.	<i>Cupressocyparis lelandii</i>	Leyland Cypress	5	10	25

No.	Botanical Name	Common Name	Ground Setback	Aerial Setback	Minimum Spacing
39.	<i>Cupressus sempervirens</i>	Italian Cypress	5	10	15
40.	<i>Dodonaea viscosa</i>	Hopseed Bush	3	8	15
41.	<i>Eriobotrya deflexa</i>	Bronze Loquat	4	8	15
42.	<i>Erythrina caffra</i>	Kaffirboom Coral tree	8	20	35
43.	<i>Erythrina crista-galli</i>	Cockspur Coral	6	8	20
44.	<i>Eucalyptus camaldulensis</i>	Red Gum	6	10	35
45.	<i>Eucalyptus citriodora</i>	Lemon-Scented Gum	4	8	25
46.	<i>Eucalyptus cladocalyx</i>	Sugar Gum	5	8	35
47.	<i>Eucalyptus erythrocorys</i>	Red-Cap Gum	4	8	20
48.	<i>Eucalyptus ficifolia</i>	Red Flowering Gum	4	10	30
49.	<i>Eucalyptus globulus</i>	Blue Gum	10	20	35
50.	<i>Eucalyptus lehmannii</i>	Bushy Yate	4	10	25
51.	<i>Eucalyptus leucoxylon</i>	White Ironbark	5	12	25
52.	<i>Eucalyptus maculata</i>	Spotted Gum	4	8	30
53.	<i>Eucalyptus nicholii</i>	Willow-Leafed Peppermint	4	10	20
54.	<i>Eucalyptus polyanthemos</i>	Silver Dollar Gum	5	10	30
55.	<i>Eucalyptus robusta</i>	Swamp Mahogany	6	15	25
56.	<i>Eucalyptus rudis</i>	Flooded Gum	5	15	30
57.	<i>Eucalyptus sideroxylon</i>	Red Ironbark	5	10	25
58.	<i>Eucalyptus torquata</i>	Coral Gum	3	6	20
59.	<i>Eucalyptus viminalis</i>	Manna Gum	6	20	35
60.	<i>Feijoa sellowiana</i>	Pineapple Guava	5	10	20
61.	<i>Ficus benjamina</i>	Weeping Fig	6	10	20
62.	<i>Ficus microcarpa nitida</i>	Indian Laurel Fig	6	15	30
63.	<i>Ficus rubiginosa</i>	Rusty Leaf Fig	10	20	35
64.	<i>Fraxinus uhdei</i>	Shamel Ash	10	20	35
65.	<i>Fraxinus velutina</i>	Arizona Ash	8	15	30
66.	<i>Geijera parviflora</i>	Australian Willow	5	10	20
67.	<i>Ginkgo biloba</i>	Maidenhair Tree	6	15	20
68.	<i>Grevillea robusta</i>	Silk Oak	8	20	30
69.	<i>Harpephyllum caffrum</i>	Kaffir Plum	6	12	25
70.	<i>Heteromeles arbutifolia</i>	Toyon	6	12	20
71.	<i>Hymenosporum flavum</i>	Sweetshade	4	8	20
72.	<i>Ilex altaclarensis</i>	Wilson Holly	4	8	15
73.	<i>Jacaranda mimosifolia</i>	Jacaranda	5	12	30
74.	<i>Juglans regia</i>	English Walnut	7	20	35
75.	<i>Juniperus chinensis torulosa</i>	Hollywood Juniper	3	8	10
76.	<i>Koelreuteria bipinnata</i>	Chinese Flame	5	10	30
77.	<i>Koelreuteria paniculata</i>	Goldenrain	5	10	30
78.	<i>Lagerstroemia indica</i>	Crape Myrtle	3	8	20
79.	<i>Leptospermum laevigatum</i>	Australian Tea Tree	6	10	25

No.	Botanical Name	Common Name	Ground Setback	Aerial Setback	Minimum Spacing
80.	<i>Ligustrum lucidum</i>	Glossy Privet	7	20	35
81.	<i>Liquidambar formosana</i>	Chinese Sweet Gum	6	12	30
82.	<i>Liquidambar styraciflua</i>	American Sweet Gum	6	12	30
83.	<i>Liriodendron tulipifera</i>	Tulip Tree	7	20	35
84.	<i>Magnolia grandiflora</i>	Southern Magnolia	6	20	35
85.	<i>Magnolia grandiflora</i>	Samuel Sommer variety	6	8	25
86.	<i>Magnolia grandiflora</i>	St. Mary variety	4	8	20
87.	<i>Melaleuca armillaris</i>	Drooping Melaleuca	4	10	20
88.	<i>Melaleuca decussata</i>	Lilac Melaleuca	4	10	20
89.	<i>Melaleuca linariifolia</i>	Flaxleaf Paperback	5	15	25
90.	<i>Melaleuca quinquenervia</i>	Cajeput Tree	5	10	20
91.	<i>Metrosideros excelsus</i>	New Zealand Christmas	4	10	25
92.	<i>Morus alba</i>	Fruitless Mulberry	10	20	35
93.	<i>Myoporum laetum</i>	Myoporum	6	12	20
94.	<i>Nerium oleander</i>	Oleander	3	8	12
95.	<i>Olea europaea</i>	Olive	5	12	25
96.	<i>Olmediella betschlerana</i>	Guatemalan Holly	4	10	20
97.	<i>Pinus canariensis</i>	Canary Island Pine	4	10	20
98.	<i>Pinus eldarica</i>	Afghan Pine	5	10	20
99.	<i>Pinus halepensis</i>	Aleppo Pine	6	12	30
100.	<i>Pinus pinea</i>	Italian Stone Pine	8	25	30
101.	<i>Pinus thunbergiana</i>	Japanese Black Pine	3	5	8
102.	<i>Pinus torreyana</i>	Torrey Pine	8	20	30
103.	<i>Pistacia chinensis</i>	Chinese Pistache	6	20	35
104.	<i>Pittosporum rhombifolium</i>	Queensland Pittosporum	5	8	20
105.	<i>Pittosporum undulatum</i>	Victorian Box	6	20	35
106.	<i>Pittosporum viridiflorum</i>	Cape Pittosporum	4	10	20
107.	<i>Plantinus acerifolia</i>	London Plane Tree	6	15	35
108.	<i>Platinus racemosa</i>	California sycamore	8	15	35
109.	<i>Podocarpus gracilior</i>	Fern Pine	5	15	25
110.	<i>Podocarpus macrophyllus</i>	Yew Pine	6	15	25
111.	<i>Populus nigra italica</i>	Lombardy Poplar	10	20	20
112.	<i>Prunus carolinina</i>	Carolina Laurel Cherry	5	10	20
113.	<i>Prunus cerasifera</i>	Purple-Leaf Plum	4	12	20
114.	<i>Pyrus calleryana</i>	Ornamental Pear	5	15	25
115.	<i>Pyrus kawakami</i>	Evergreen Pear	5	15	25
116.	<i>Quercus agrifolia</i>	Coast Live Oak	8	20	40
117.	<i>Quercus ilex</i>	Holly Oak	6	15	30
118.	<i>Quercus virginiana</i>	Southern Live Oak	6	15	35
119.	<i>Rhus lancea</i>	African Sumac	4	10	20
120.	<i>Robinia pseudoacacia</i>	Black Locust	8	20	30
121.	<i>Salix babylonica</i>	Weeping Willow	10	20	35

No.	Botanical Name	Common Name	Ground Setback	Aerial Setback	Minimum Spacing
122.	<i>Schinus molle</i>	California Pepper	8	20	35
123.	<i>Schinus terebinthifolius</i>	Brazilian Pepper	8	20	30
124.	<i>Sequoia sepervirens</i>	Coast Redwood	8	20	30
125.	<i>Stenocarpus sinuatus</i>	Firewheel T ree	4	12	20
126.	<i>Tabebuia avellaneda</i>	None	4	8	15
127.	<i>Tabebuia chrysotricha</i>	Golden Trumphet	4	8	15
128.	<i>Tipuana tipu</i>	Tipu Tree	6	10	30
129.	<i>Trachycarpus fortune</i>	Windmill Palm	3	5	8
130.	<i>Tristania conferta</i>	Brisbane Box	4	10	15
131.	<i>Ulmus parviflora</i>	Chinese Elm	8	15	35
132.	<i>Umbellularia californica</i>	California Laurel	6	10	25
133.	<i>Vitex lucens</i>	New Zealand Chaste Tree	6	15	30
134.	<i>Washington robusta</i>	Mexican Fan Palm	3	6	10

