



Memorandum
DEVELOPMENT SERVICES DEPARTMENT
Engineering

TO: Developers, Engineers, and Landscape Architects

FROM: Scott O. Smith, City Engineer

BY: Delia B. Juncal, Landscape Development Coordinator

DATE: February 3, 2010

SUBJECT: Street Tree List, Tree Spacing Requirements, and Street Tree Details

Effective February 3, 2010 the attached street tree list and spacing requirements are in effect for the City of Oceanside. Please incorporate these changes into design development for all plans submitted to the City for approval.

If you have any questions, please call Delia B. Juncal, Landscape Development Coordinator, at 760-435-5098.

SOS:DBJ:mc

Attachments

**CITY OF OCEANSIDE
APPROVED STREET TREE AND SPACING STANDARD
EFFECTIVE FEBRUARY 3, 2010**

“A” List

Appropriate Trees for Average Plantable 4.5' R.O.W. Minimum 24" Boxes Are Required Unless Approved by the City Engineer or Resolutions (Conditions of Approval).

Arbutus undeo – Strawberry Tree

Arbutus x 'Marina' – NCN

Archontophoenix cunninghamiana – King Palm

Syagrus (Arecastrum) romanzoffianum – Queen Palm

Bauhinia variegata (Purpurea) – Purple Orchid Tree

Cassia leptophylla – Gold Medallion Tree

Cercidium floridum – Palo Verde

Cercis canadensis – Eastern Redbud

Cercis canadensis 'Forest Pansy' – Forest Pansy Redbud

Cercis occidentalis – Western Redbud

Chilopsis linearis – Desert Willow

Chionanthus retusus – Fringe Tree

Chitalpa tashkentensis - NCN

Eriobotrya deflexa – Bronze Loquat

Eriobotrya japonica – Loquat

*Howea forsteriana – Kentia Palm

Hymenosporum flavum – Sweetshade

Lagerstroemia indica – Crape Myrtle

**CITY OF OCEANSIDE
APPROVED STREET TREE AND SPACING STANDARD
EFFECTIVE FEBRUARY 3, 2010**

“A” List (continued)

Laurus nobilis – Sweet Bay

Leptospermum petersonii – NCN

Ligustrum japonicum – Glossy Privet

Magnolia grandiflora ‘Little Gem’ – NCN

Magnolia grandiflora ‘St. Mary’ – NCN

Metrosideros exelsus – New Zealand Christmas Tree

Photinia fraseri – Photinia

Pistacia chinensis – Chinese Pistache ‘Keith Davey’ (Male Only)

Pittosporum phillyreoides – Willow Pittosporum

Pittosporum rhombifolium – Queensland Pittosporum

Pittosporium viridiflorum – Cape Pittosporum

Podocarpus macrophyllus ‘Maki’ – Shrubby Yew Pine

Prunus cerasifera ‘Purple Pony’ – Flowering Plum

Prunus cerasifera ‘Krauter Vesuvius’ – Purple Flowering Plum

Rhaphiolepis ‘Majestic Beauty’ - NCN

Tabebuia impetiginosa (T. ipe) – Pink Trumpet Tree

Tabebuia chrysotricha – Golden Trumpet Tree

Tecoma stans – Yellow Bells

Trachycarpus fortunei – Windmill Palm

Tristaniopsis (Tristania) laurina – Water Gum

*Washingtonia filifera – California Fan Palm (including hybrids)

**CITY OF OCEANSIDE
APPROVED STREET TREE AND SPACING STANDARD
EFFECTIVE FEBRUARY 3, 2010**

"A" List (continued)

*Washingtonia robusta – Mexican Fan Palm

NOTE: Palms are required to be planted out as Brown Trunk Height (BTH): – minimum 12' BTH within the downtown area and 10' BTH elsewhere unless otherwise specified in the Resolutions (Conditions of Approval).

*Subject to approval

**CITY OF OCEANSIDE
APPROVED STREET TREE AND SPACING STANDARD
EFFECTIVE FEBRUARY 3, 2010**

“B” List

Appropriate Trees for Average Plantable 8'-0" + R.O.W. Minimum 24" Boxes Are Required Unless Approved by the City Engineer or Resolutions (Conditions of Approval).

Agonis flexuosa – Peppermint Tree

Albizia julibrissin – Silk Tree

Bauhinia blakeana – Hong Kong Orchid Tree

Brachychiton acerifolius – Flame Tree

Brahea edulis – Guadalupe Palm

*Butia capitata – Pindo Palm

Chionanthus retusus – Fringe Tree

Cinnamomum camphora – Camphor Tree

Geijera parviflora – Australian Willow

Ginkgo biloba – Maidenhair Tree (Male Only)

*Jacaranda mimosifolia (J. acutifolia) – Jacaranda

Koelreuteria bipinnata – Chinese Flame Tree

Koelreuteria paniculata – Goldenrain Tree

Liriodendron tulipifera – Tulip Tree

Lyonothamnus floribundus – Catalina Ironwood

Lyonothamnus floribundus asplenifolius – Fernleaf Catalina Ironwood

Magnolia grandiflora – Southern Magnolia

*Phoenix dactylifera – Date Palm

*Platanus mexicana 'Alamo' - Sycamore

**CITY OF OCEANSIDE
APPROVED STREET TREE AND SPACING STANDARD
EFFECTIVE FEBRUARY 3, 2010**

"B" List (continued)

Pinus torreyana – Torrey Pine

Podocarpus henkelii – Long-Leafed Yellowwood

Podocarpus gracilior – Fern Pine

Prunus cerasifera – Purple Leaf Plum

*Prunus ilicifolia – Hollyleaf Cherry

*Prunus ilicifolia lyonii – Catalina Cherry

*Pyrus calleryana – 'Aristocrat' – Aristocrat Pear

*Quercus sp.

Rhus lancea – African Sumac

Robinia x ambigua 'Purple Robe' - Locust

*Schinus molle – California Pepper

*Spathodea campanulata – African Tulip Tree

*Tipuana tipu – Tipu Tree

Tristiana conferta (Lophostemon confertus) – Brisbane Box

Tristiana laurina (Tristaniopsis laurina) – Water Gum

Umbellularia californica – California Bay Laurel

NOTE: Palms are required to be planted out as Brown Trunk Height (BTH): – minimum 12' BTH within the downtown area and 10' BTH elsewhere unless otherwise specified in the Resolutions (Conditions of Approval).

*Subject to approval

**CITY OF OCEANSIDE
APPROVED STREET TREE AND SPACING STANDARD
EFFECTIVE FEBRUARY 3, 2010**

STREET TREES AND OTHER TREES SHALL BE SPACED:

8 feet from transformers, cable, and pull boxes

5 feet from mailboxes

10 feet from centerline of all utility lines (without an easement): sewer, water, storm drains, double check detectors, air relief valves, and gas

10 feet from easement boundaries:
sewer, water, storm drains, access or other utilities

10 feet from driveways (unless a line of sight is determined by the Traffic Division to be otherwise)

10 feet from traffic and directional signs

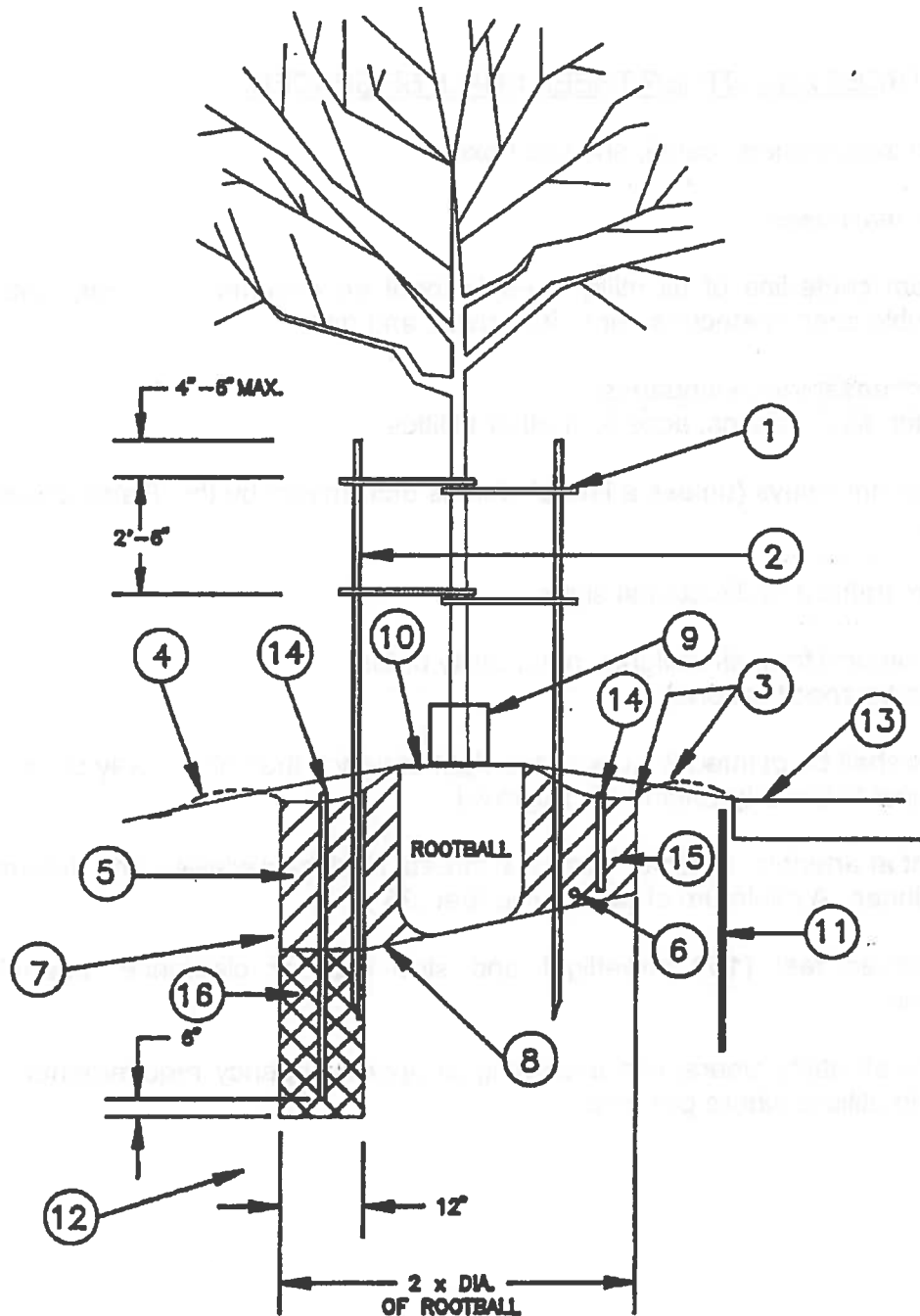
15 feet (minimum) from streetlights, other utility poles
(determined by specifications)

Street trees shall be planted 3' outside the right-of-way if the right-of-way does not allow space, subject to the City Engineer's approval

Line of sight at arterials, collector and local streets shall be reviewed and determined by Traffic Engineer. A minimum of twenty-five feet (25')

Minimum fifteen feet (15') streetlight and stop sign or clearance determined by specifications

Comply with all utility clearances according to specific agency requirements. Screen above-grade utilities where possible.



NOTE: FOR LEGEND DESCRIPTION AND NOTES -- SEE SHEET 2.

ACAD FRAMES TRENDS

Revision	By	Approved	Date
211A		<i>[Signature]</i>	11-11-07

CITY OF OCEANSIDE

**STREET TREE PLANTING / STAKING
15 GALLON & 24" BOX CONTAINER**

SHEET 1 OF 2 SHEETS
[Signature] 11-11-07
 CITY ENGINEER / Date
 STANDARD DRAWING NO. 211A

GENERAL NOTES

1. APPROVED TREE TIES.
2. 2" DIA. x 10' LODGE POLE PINE STAKE (2 TYP.)
KEEP CLEAR OF ROOTBALL.
3. 3" MIN. DEPTH WATER BASIN.
PRIOR TO END OF CONTRACTOR'S MAINTENANCE PERIOD,
REMOVE BASIN. PROVIDE SMOOTH TRANSITION TO TOP
OF MOUND.
4. FINISHED GRADE.
5. AMENDED BACKFILL. SEE AGRICULTURAL SOILS REPORT
AND RECOMMENDATIONS.
6. PLANT TAB. INSTALL PER MANUFACTURERS SPECIFICATIONS.
7. EXISTING SOIL.
8. SCARIFY SIDES AND BOTTOM OF PLANTING PIT.
9. ARBOR-GUARD TRUNK PROTECTOR FOR USE IN TURF AREAS.
10. SET TOP OF ROOTBALL 3" - 6" ABOVE FINISH GRADE
AND SLOPE FOR DRAINAGE. MINIMUM 2% CROSSFALL.
11. INSTALL APPROVED ROOTBARRIER WITHIN 10' OF ANY HARDSCAPE,
ASPHALT OR PAVEMENT. A MIN. 24" DEPTH AND 10
LINEAR FEET INSIDE EDGE OF HARDSCAPE.
12. COMPACTED NATIVE SOIL.
13. SIDEWALK OR HARDSCAPE EDGE.
14. IN HEAVY CLAY SOILS INSTALL A 4" PERFORATED
PVC DRAIN PIPE OR CORRUGATED PERFORATED PIPE WITH DRAIN
CAP. WRAP PIPE WITH DRAIN SOCK OR MIRAFI CLOTH. INSTALL ONE
"BREATHER TUBE" PER EVERY 15 GALLON STREET TREE, AND TWO
"BREATHER TUBES" PER EVERY 24" BOXED STREET TREE.
15. PREPARED BACKFILL SOIL.
16. 3/8" PEA GRAVEL SUMP.

NOTE: MAINTAIN TURF OR GROUND COVER AT A RADIUS 12"
AWAY FROM TREE TRUNK.

NOTE: ALL TREES WITHIN 10' OF PUBLIC SIDEWALK OR HARDSCAPE SHALL BE PROVIDED WITH ROOT BARRIERS

ACAD FILE: TREESK2

Revision	By	Approved	Date	CITY OF OCEANSIDE	
211A				SHEET 2 OF 2 SHEETS	
				CITY ENGINEER 2/10/97 Date	
				STANDARD DRAWING NO. 211A	
				TREE PLANTING / STAKING 15 GALLON	