

STREET TREES

The Design Engineer shall coordinate with the City Engineer and City Planner for appropriate tree species, location, and spacing. New trees shall not be planted in sight clearance areas or otherwise interfere with required sight distances, including but not limited to, intersections and railroad crossings. See also Section 303.06. Final plans and specifications for street trees and related vegetation or appurtenances will be reviewed by the City Engineer.

Street trees in the public right-of-way, or within the setback and/or buffer area immediately adjacent to the right-of-way, will be required of all developments. The particular species will be reviewed and approved as part of overall project submittals. A deposit for street trees to assure installation of the trees prior to occupancy will be required at the time of building permit issuance.

Minimum caliper of street trees shall be 2-inches, as measured 6-inches above ground level in accordance with the American Standard for Nursery Stock. Street trees shall be supplied with an approved root guard and shall be installed in accordance with the Standard Drawings. Newly-planted trees shall be securely staked for the first 2-years after planting and shall be replaced if they die or are destroyed. Street trees must be healthy at the end of the warrant period.

TREE SPACING

Tree Spacing	
Minor Collectors and Local Streets	
Residential	30-feet (2 min per lot, 3 min if corner lot)
Commercial	20-feet (2 min per lot, 3 min if corner lot)
Industrial	20-feet
Arterials and Major Collectors	30-feet

Notes:

1. Spacing required may vary depending on sight distance and clearance area requirements and site and/or topography constraints. Distances include linear section of cul-de-sacs.
2. Street trees shall be located at least 15 feet from streetlights and stormwater catch basins, at least 10 feet from fire hydrants and utility poles, and at least 5 feet from driveway cuts and underground utilities, unless approved otherwise by the City Engineer.
3. Street trees shall not be located where the City determines the trees may be a hazard to the public interest or general welfare or under overhead power lines, if tree height at mature age exceeds the height of the power line.

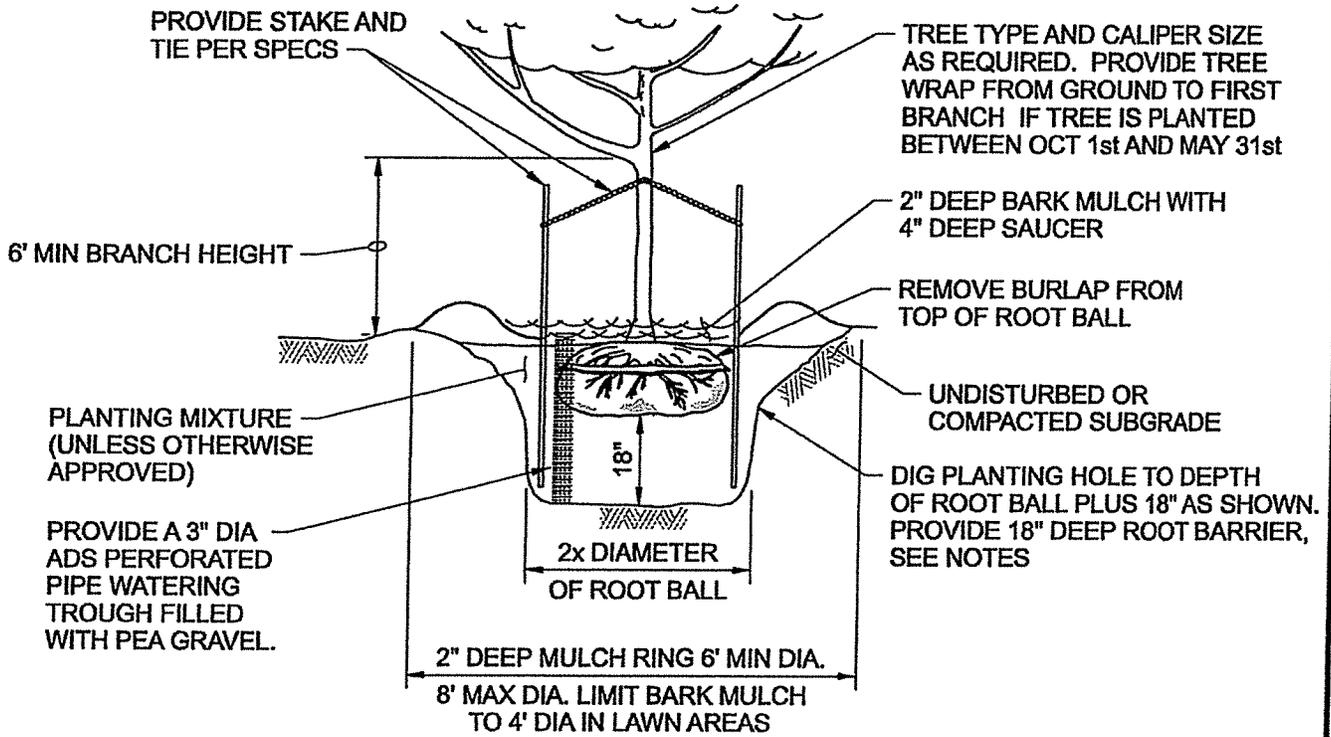
APPROVED STREET TREE LIST

Common Name	Latin Name	Planting Strip Width					
		Overhead Power			No Overhead Power		
		4'-5.5'	6'-7.5'	8' plus	4'-5.5'	6'-7.5'	8' plus
Hedge Maple	<i>Acer campestre</i>		X	X			
Rocky Mtn. Glow Maple	<i>Acer grandidentatum</i> 'Schmidt'		X	X			
Big Leaf Maple	<i>Acer macrophyllum</i>						X
State Street Maple	<i>Acer miyabei</i> 'Morton'					X	X
Columnar Norway Maple	<i>Acer platanoides</i> 'Columnar'				X	X	
Crimson King Maple	<i>Acer platanoides</i> 'Crimson King'						X
Crimson Sentry Maple	<i>Acer platanoides</i> 'Crimson Sentry'	X	X				
Deborah Maple	<i>Acer platanoides</i> 'Deborah'						X
Emerald Queen Maple	<i>Acer platanoides</i> 'Emerald Queen'						X
Emerald Lustre Maple	<i>Acer platanoides</i> 'Pond'						X
Sycamore Maple	<i>Acer pseudoplatuanus</i>					X	X
Bowhall Maple	<i>Acer rumbrum</i> 'Bowhall'				X	X	
Red Sunset Maple	<i>Acer rumbrum</i> 'Franksred'						X
October Glory Maple	<i>Acer rumbrum</i> 'October Glory'						X
Scanlon Maple	<i>Acer rumbrum</i> 'Scanlon'				X	X	
Scarlet Sentinel Maple	<i>Acer rumbrum</i> 'Scarsen'				X	X	
Jacquemontii Birch	<i>Betula jacquemontii</i>					X	X
Pyramidal European Hornbeam	<i>Carpinus betulus</i> 'Fastigiata'					X	X
Golden Catalpa	<i>Catalpa bignonioides</i> 'Aurea'						X
Katsura Tree	<i>Cercidiphyllum japonicum</i>						X
Eastern Redbud	<i>Cercis canadensis</i>		X	X			
Pacific Dogwood	<i>Cornus nuttallii</i>			X			
Lavalle Hawthorn	<i>Crataegus x lavellei</i>	X	X				
European Beech	<i>Fagus sylvatica</i>					X	X
Dawyck Purple Beech	<i>Fagus sylvatica</i> 'Dawyck Purple'				X	X	
Autumn Purple Ash	<i>Fraxinus americana</i> 'Junginger'					X	X
Golden Desert Ash	<i>Fraxinus excelsior</i> 'Aureafolia'	X	X				
Flame Ash	<i>Fraxinus oxycarpa</i> 'Flame'				X	X	
Raywood Ash	<i>Fraxinus oxycarpa</i> 'Raywood'				X	X	
Marshall Ash	<i>Fraxinus pannsylvanica</i> 'Marshall'					X	X
Summit Ash	<i>Fraxinus pannsylvanica</i> 'Summit'				X	X	

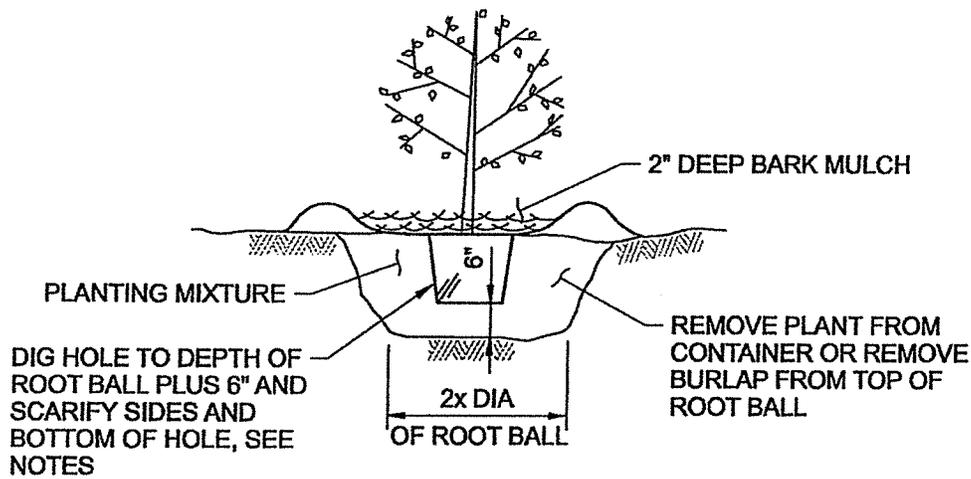
APPROVED STREET TREE LIST (continued)

Common Name	Latin Name	Planting Strip Width					
		Overhead Power			No Overhead Power		
		4'- 5.5'	6'- 7.5'	8' plus	4'- 5.5'	6'- 7.5'	8' plus
Sunburst Honeylocust	<i>Gleditsia triacanthos</i> var. <i>inermis</i> 'Suncole'						X
Arnold Tulip Tree	<i>Liriodendron tulipifera</i> 'Fastigiatum'				X	X	
Kobus Magnolia	<i>Magnolia kobus</i>					X	X
Bloodgood London Planetree	<i>Platanus x acerfolia</i> 'Bloodgood'						X
Thundercloud Plum	<i>Prunus cerasifera</i> 'Thundercloud'		X	X			
Kwanzan Cherry	<i>Prunus serrulata</i> 'Kwanzan'		X	X			
Chanticleer Pear	<i>Pyrus calleryana</i> 'Glen's Form'				X	X	
Swamp White Oak	<i>Quercus bicolor</i>						X
Scarlet Oak	<i>Quercus coccinea</i>						X
Oregon White Oak	<i>Quercus garryana</i>						X
Pin Oak	<i>Quercus palustris</i>						X
Skyrocket Oak	<i>Quercus robur</i> 'Fastigiata'				X	X	
Red Oak	<i>Quercus rubra</i>					X	X
Shumard Oak	<i>Quercus shumardii</i>						X
Globe Locust	<i>Robinia pseudoacacia</i> 'Inermis'		X	X			
Red Cascade Mountain Ash	<i>Sorbus americana</i> 'Dwarfcrowm'	X	X				
Cardinal Royal Mountain Ash	<i>Sorbus aucuparia</i> 'Michred'				X	X	
Greenspire Linden	<i>Tilia cordata</i> 'Greenspire'					X	X
Salem Linden	<i>Tilia cordata</i> 'Salem'					X	
Allee Elm	<i>Ulmus parvifolia</i> 'Emer II'					X	X
Halka Zelkova	<i>Zelkova serrata</i> 'Halka'					X	X
Green Vase Zelkova	<i>Zelkova serrata</i> 'Green Vase'					X	X

Source: City of Salem.



STREET TREE PLANTING DETAIL



SHRUB PLANTING DETAIL

NOTES:

1. IF DRAINAGE IS POOR, ELEVATE ROOT BALL 2" ABOVE GRADE AND SLOPE PLANTING MIXTURE AWAY FROM TRUNK. FORM A 4' DIAMETER SAUCER AROUND TRUNK. UNDER NO CONDITIONS SHOULD FILL BE PLACED IN CONTACT WITH TRUNK OR TOP OF BALL BE EXPOSED.
2. PLANT GROUND COVER AND SHRUBS IN ALTERNATING STAGGERED ROWS.
3. AN 18" DEEP APPROVED ROOT BARRIER SHALL BE PLACED AROUND EDGE OF STREET TREE PLANTING HOLE.



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REVISIONS	

STANDARD DRAWING TITLE

STREET TREE AND SHRUB PLANTING

NO SCALE
DIVISION
STREET
DRAWING NO.
368