

TREES

384 Attachment 1

Borough of River Edge

Appendix A

Approved List of Replacement Tree Species and Planting Standards

Tree Species	Cultivars	Planting Season	Planting Procedure
Acer Rubrum Red Maple		Spring/Fall	Full Sun to Part Shade, Soil Moisture - average to wet, Soil Type wide range (clay to sandy loam)
Acer Saccharum Sugar Maple		Fall/early winter	Full Sun to Part Shade, Soil Moisture - average to dry, Soil Type wide range (clay to sandy loam)
Acaer x Freemanii Freeman Maple	Armstrong, Fairfall, Marmo, scarlet Sentinel	Spring/Fall	Full Sun, Soil Moisture - average to dry, Soil Type wide range (clay to sandy loam)
Amelanchier laevis Shadblow Serviceberry		Spring/Fall	Full Sun to Part Shade, Soil Moisture - average to wet, Soil Type wide range (prefers well-drained loams)
Betula Nigra River Birch		Spring/Fall	Full Sun, Soil Moisture - average to wet, Soil Type-Prefers moist, acidic, fertile soils
Carpinus Caroliniana American Hornbeam	Native Flame	Spring	Part Shade, Soil Moisture - average to wet, Soil Type - Prefers moist, organically rich soils
Celtis Occidentalis Hackberry		Spring	Full Sun to Part Shade, Soil Moisture - average to dry, Soil Type wide range (clay to sandy loam)
Cercis Canadensis Eastern Red Bud		Fall	Full Sun to Part Shade, Soil Moisture - average to wet, Soil Type - Performs best in moderately fertile soils
Cercis Chinensis Chinese Redbud		Late Spring/Early Summer	Full Sun to Part Shade, Soil Moisture - average to wet, Soil Type - Performs best in moderately fertile soils
Cladrastis Kentukea Yellowwood	Sweetshade, Perkins Pink	Spring	Full Sun, Soil Moisture - average, Soil Type - Prefers moist well drained, organically rich soils.

RIVER EDGE CODE

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Crataegus Crus-galli Cockspurn Hawthorn	Thornless varieties only	Spring/Fall	Full Sun, Soil Moisture - average to medium moisture, Soil Type wide range (clay to sandy loam)
Ginkgo Bilobra Ginkgo, Maidenhair Tree		Spring/Fall	Full Sun, Soil Moisture - average to medium moisture, Soil Type wide range (clay to sandy loam)
Gladitsia Triacanthos Honey Locust	Moraine, Shademaster, Sunburst, Imperial	Spring/Fall	Full Sun, Thornless, Soil Moisture - average to medium moisture, Soil Type wide range (clay to sandy loam)
Gymnocladus Dioicus Kentucky Coffeetree		Early Winter/Early Spring	Full Sun, Soil Moisture - Medium moisture, Soil Type organically rich, well-drained soils
Liquidambar Styraciflua American Sweetgum	Cherokee, Rotundiloba, Slender Silhouette, Worplesdon	Early Winter/Early Spring	Full Sun to Part Shade, Soil Moisture - average to wet, Soil Type wide range (clay to sandy loam)
Liriodendron Tulipifera Tulip Tree	Ardis, Arnold, Emerald City, Fastigiatum	Spring/Fall	Full Sun, Soil Moisture - average, Soil Type - organically rich, well- drained loams
Metasequoia Glyptostrobooides Dawn Redwood		Fall	Full Sun to Part Shade, Soil Moisture - average to wet, Soil Type - well-drained loam
Nyssa Sylvatica Black Gum		Spring/Fall	Full Sun, Soil Moisture - average to wet, Soil Type sandy loam
Ostrya Virginiana Eastern Hop Hornbeam		Spring/Fall	Full Sun to Part Shade, Soil Moisture - Medium moisture, Soil Type organically rich, well- drained soils
Platanus x Acerifolia London Planetree		Spring/Fall	Full Sun to Part Shade, Soil Moisture - average to wet, Soil Type wide range (clay to sandy loam)
Prunus Cistena Purple-leaf Sand Cherry		Early Spring	Full Sun, Soil Moisture - average, Soil Type-organically rich, well- drained loams
Prunus Sargentii Sargent Cherry		Early Spring	Full Sun, Soil Moisture - Medium moisture, Soil Type organically rich, well-drained soils
Prunus Virginiana Chokecherry		Spring/Early Summer	Full Sun to Part Shade, Soil Moisture - average to dry, Soil Type wide range (clay to sandy loam)

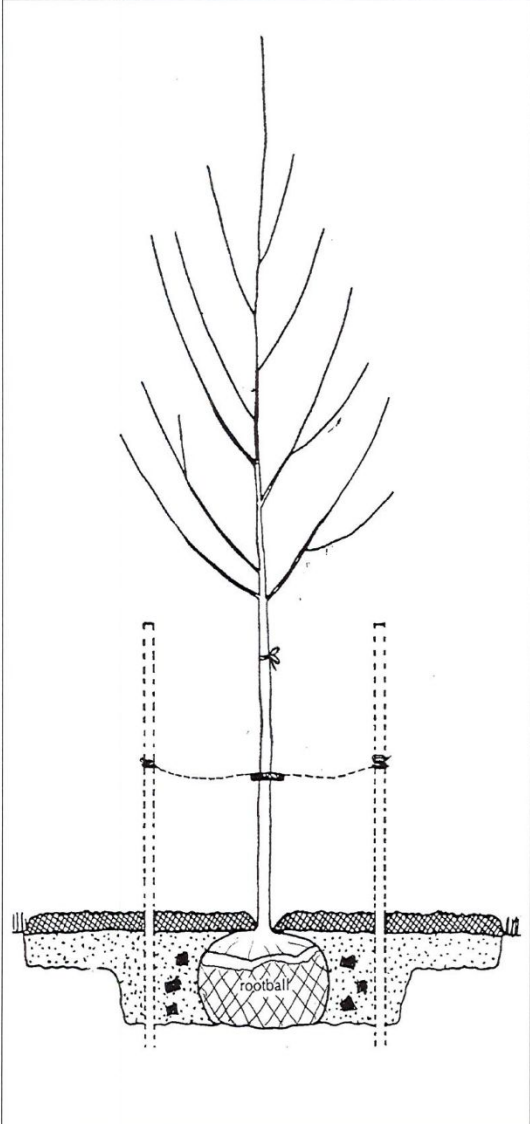
TREES

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Quercus Bicolor Swamp White Oak	Hightower	Spring	Full Sun, Soil Moisture - average to wet, Soil Type wide range (clay to sandy loam) Prefers acidic soil
Quercus Coccinea Scarlet Oak	Kindred Spirit, Fastigiata, Skyrocket	Spring	Full Sun, Soil Moisture - average to dry, Soil Type wide range (clay to sandy loam)
Quercus Macrocarpa Bur Oak		Spring	Full Sun, Soil Moisture - average to dry, Soil Type wide range (clay to sandy loam) Prefers moist well-drained loams
Quercus Muehlenbergii Chinkapin Oak		Spring	Full Sun, Soil Moisture - average to dry, Soil Type wide range (clay to sandy loam) Prefer moist fertile loams
Quercus Michauxii Chestnut Oak		Spring	Full Sun, Soil Moisture - average to wet, Soil Type wide range (clay to sandy loam) Prefer moist fertile loams
Quercus Palustris Pin Oak		Spring	Full Sun, Soil Moisture - average to wet, Soil Type wide range (clay to sandy loam) Prefer moist fertile loams
Quercus Phellos Willow Oak		Spring	Full Sun, Soil Moisture - average to medium moisture, Soil Type wide range (clay to sandy loam) Prefer moist well-drained loams
Quercus Robur English Oak		Spring	Full Sun, Soil Moisture - average to medium moisture, Soil Type wide range (clay to sandy loam) Prefer moist well-drained loams
Quercus Rubra Northern Red Oak		Spring	Full Sun, Soil Moisture - average to medium moisture, Soil Type wide range (clay to sandy loam) Prefers acidic soil
Tilia Americana American Linden		Spring/Fall	Full Sun to Part Shade, Soil Moisture - average to medium moisture, Soil Type wide range (clay to sandy loam) Prefers moist, fertile, well-drained loams
Tilia cordata Little Leaf Linden		Spring/Fall	Full Sun to Part Shade, Soil Moisture - average to medium moisture, Soil Type wide range (clay to sandy loam) Prefers moist, fertile, well-drained loams

RIVER EDGE CODE

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Ulmus Americana American Elm	Accolade, Frontier	Spring/Fall	Full Sun to Part Shade, Soil Moisture - average to medium moisture, Soil Type - Prefers moist, fertile, well-drained loams
Ulmus Parvifolia Lacebark Elm		Spring/Fall	Full Sun, Soil Moisture - average to medium moisture, Soil Type - Prefers rich, moist loams
Zelkova Serrata Zelkova		Spring	Full Sun, Soil Moisture - average to medium moisture, Soil Type - Prefers rich, moist loams

TREES

	<h3>Tree & Shrub Planting Detail</h3> <p>Prune and root prune as directed</p> <p>Scarify each planting hole after digging to remove "glaze" from digging.</p> <p>Water in each tree after planting</p> <p>Tree placed with trunk flare at or slightly above surrounding finished grade. No soil shall be placed on top of rootball after planting.</p> <p>All marking tapes/tags/ropes to be removed</p> <p>2 ½" hardwood posts, 8ft tall (2 per tree) placed 2ft. below ground outside of root ball</p> <p>Ties at 1/3 height of tree: use Arbor tie or similar ¾" wide flat woven polypropylene material to allow some movement without excessive rubbing.</p> <p>Deer protection installed on each tree – will be supplied by Borough.</p> <p>2" mulch depth 3" from trunk of tree making a saucer around tree.</p> <p>Compacted topsoil</p> <p>Remove burlap and wire basket from root ball at the discretion of the shade tree commission</p> <p>Backfill mix with 12-7-1 briquetted fertilizer (8 per tree) and Mycor™ Tree Saver® Transplant or similar</p> <p>Compacted topsoil 6" minimum depth.</p> <p>1 ft. clear all sides</p>
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