

APPENDIX C – APPROVED PLANTS (Rev. 7-15-10)

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C.1 GENERALLY

C.1.1 Scope

This Appendix, in Tables C-1, C-2 and C-3, lists the species of large trees, small trees and shrubs that have been approved for the purposes of the landscaping and buffer planting requirements contained in this Chapter, primarily Articles 10, 11, 12, and 14. Tables C-4, C-5, C-6 and C-7, lists the plant species and practices approved for stormwater quality and management use in accordance with the provisions of Article 15 and Appendix F of this Chapter.

C.1.2 Modifications

The Director, in consultation with the Director of Parks, Recreation and Leisure Services, qualified nurserymen, landscape architects or other experts, may approve additional or alternative plant species for individual projects and may add or delete plant species from Tables C-1, C-2 and C-3 when appropriate. The City Engineer, in consultation with the Stormwater Manager, qualified nurserymen, landscape architects or other experts, may approve additional or alternative plant species for individual projects and may add or delete plant species from Tables C-4, C-5, C-6 and C-7 when appropriate. Any such alternative plant species or additions or deletions from individual tables shall be documented and forwarded to the Planning Commission as information and, if applicable, shall be recorded in the project application file.

C.1.3 Pruning Standards

All tree and shrub pruning shall be performed in accordance with the latest version of the American National Standards Institute's *Tree, Shrub and Other Woody Plant Maintenance – Standard Practices (Pruning)* (ANSI A300 (Part 1)). The current standards are available for purchase at www.tcia.org/standards/Part1/Pruning.htm.

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TABLE C-1 LARGE TREES

LARGE TREES			
A		B	
1.	Ash, Georgia Gem Green	20.	Oak, Sawtooth
2.	Beech, American	21.	Oak, Scarlet
3.	Birch, River	22.	Oak, Water
4.	Blackgum	23.	Oak, White
5.	Cedar, Deodar	24.	Oak, Willow 'Wynstar'
6.	Cedar, Eastern Red	25.	Palm, Mexican Fan (Washingtonia Robusta)
7.	Cypress, Bald	26.	Palm, Palmetto (Sabal, Cabbage Palm)
8.	Cypress, Leyland	27.	Palm, Pindo (Butia Capitata)
9.	Elm, Chinese (Lacebark) 'Allee'	28.	Pecan
10.	Ginkgo "male" Princeton Sentry	29.	Pine, Loblolly
11.	Honeylocust, 'Skyline'	30.	Pine, Longleaf
12.	Hornbeam, American	31.	Pine, White
13.	Linden, American	32.	Pistachio, Chinese
14.	Magnolia, Southern	33.	Radican, Cryptomeria
15.	Maple, Native 'Aeryn' Trident	34.	Sycamore
16.	Oak, Chestnut	35.	Windmill Palm (Trachycarpus Fortunei)
17.	Oak, Laurel (Darlington)	36.	Zelkova, 'Gold Falls'
18.	Oak, Live	37.	Zelkova, 'Myrimar'
19.	Oak, Pin		

TABLE C-2 SMALL TREES

SMALL TREES			
A		B	
1.	Cherry, Autumnalis	14.	Holly, Foster 'Savannah'
2.	Cherry, Weeping	15.	Loquat
3.	Cherry, Yoshino	16.	Magnolia, Saucer
4.	Cherry, Cornelian 'Spring Glow' (Cornus mas)	17.	Maple, Japanese
5.	Crape Myrtle	18.	Palm, European Fan (Chamaerops Humilis)
6.	Dogwood, Flowering	19.	Redbud, Eastern
7.	Dogwood, Kousa	20.	Serviceberry, Amelanchier
8.	Elm, Bosque	21.	Sourwood
9.	Fringetree, China Snow	22.	Sweetbay
10.	Golden Raintree	23.	Thuja Standishii 'Green Giant'
11.	Holly, American	24.	Waxmyrtle
12.	Holly, Foster 'Foster #2'	25.	Yaupon
13.	Holly, Foster 'Hume #2'		

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TABLE C-3 SHRUBS

SHRUBS	
A	B
1. Abelia	55. Japanese Aralia
2. Alocasia varieties (planted as perennial)	56. Japanese Cleyera
3. Anise Tree	57. King Sago (Cycas Revoluta)
4. Assorted Azaleas	58. Lawson Blue Cypress
5. Aucuba	59. Leatherleaf Mahonia
6. Banana (Musa Velutina, planted as perennial)	60. Lorepetalum 'Chinese'
7. Bamboos, Hardy Clump (Bamboosa Multiplex)	61. Lorepetalum 'Ruby'
8. Barberry	62. Lorepetalum 'Zhu Zhou Fuchsia'
9. Blue Carpet Juniper	63. Lorepetalum 'Plum Delight'
10. Blue Cone Arbervitae	64. Maiden Grass
11. Blue Pacific Juniper	65. Mock Orange
12. Blue Point Juniper	66. Nandina
13. Blue Sargents Juniper	67. Needle Palm (Rhapidophyllum Hystrix)
14. Boxwood	68. Needlepoint Holly
15. Burning Bush	69. Oleander (Pink, Red, White)
16. Camellia	70. Oregon Holly Grape
17. Carissa Holly	71. Otto Luyken Laurel
18. Chaste Tree	72. Pampas Grass
19. Chinese Witch Hazel	73. Parney's Red Clusterberry
20. Coast Leucothoe	74. Patio Tree
21. Colocasia varieties (planted as perennial)	75. Pink Flowering Quince
22. Compact Japanese Holly	76. Pittosporum
23. Compact Mock Orange	77. Podocarpus
24. Compact Pfitzer Juniper	78. Podocarpus (Espalier)
25. Convex Holly	79. Porcupine Grass
26. Coppertone Loquat	80. Purple Autumn Grass
27. Dwarf Burford Holly	81. Purple Blooming Silver Grass
28. Dwarf Chinese Holly	82. Pyracantha
29. Dwarf Crape Myrtle	83. Red Bottlebrush 'Clemson Hardy'
30. Dwarf Flowering Almond	84. Red Escallonia
31. Dwarf Palmetto (Sabal Minor)	85. Redwing, Blue and White (Phlox)
32. Dwarf Yaupon Holly	86. Roundleaf Holly
33. Ebbinge's Silverberry	87. Saw Palmetto (Serenoa Repens)
34. Emperor Sago (Cycas Tatiwaniana)	88. Sea Green Juniper
35. European Fan Palm	89. Silver Feather (6-foot to 9-foot)
36. Fairfax Dwarf Wax Myrtle	90. Sizzler Holly
37. False Spirea	91. Skip Laurel
38. Fatsia	92. Spirea
39. Firethorn	93. Stokes Holly
40. Florida Leucothoe	94. Straughan's Dwarf Holly
41. Forsythia	95. Sweet Tea Olive

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SHRUBS			
A		B	
42.	Fortune's Osmanthus	96.	Switch Grass (5-foot to 8-foot) (Panicum)
43.	Gardenia	97.	Variegated Acorus
44.	Ginger (planted as perennial)	98.	Variegated Asian Jasmine
45.	Golden Trumpet (Espalier)	99.	Variegated Confederate Jasmine
46.	Green Sargents Juniper	100.	Variegated False Holly
47.	Hardy Bamboo Palm (Chamaedorea Radicalis/Microspadix)	101.	Variegated Miscanthus
48.	Heller's Japanese Holly	102.	Variegated Prostrate Juniper
49.	Hetz Japanese Holly	103.	Variegated Upright Holly
50.	Hibiscus	104.	Viburnum
51.	Hollywood Juniper	105.	Violet Blue, 25-inches tall
52.	Hydrangea	106.	Virginia Sweetspire
53.	Indian Hawthorne	107.	Vitex 'Shoal Creek'
54.	Japanese Anise	108.	Windmill Palm

TABLE C-4 WET POND PLANTING GUIDE (See diagrams on page C-7)

	A	B	C
	Zone	Description	Hydrologic Conditions
1.	1	Deep Water Pool	1-6 feet depth (permanent pool)
2.	2	Shallow Water Bench	Normal pool elevation to 1-foot depth
3.	3	Shoreline Fringe	Regularly inundated
4.	4	Riparian Fringe	Periodically inundated
5.	5	Floodplain Terrace	Infrequently inundated
6.	6	Upland Slopes	Seldom or never inundated

TABLE C-5 GRASSES, BULBS, SUCCULENTS

GRASSES, BULBS, SUCCULENTS			
	A	B	C
	Scientific Name	Common Name	Hydrologic Zone
1.	Acorus calamus	Sweetflag	2
2.	Andropogon glomeratus	Bushy Broom Grass	3
3.	Andropogon virginicus	Broom Grass	4
4.	Canna flaccida	Golden Canna	2
5.	Carex spp.	Caric Sedges	2
6.	Chasmanthium latifolium	Upland Sea Oats	3
7.	Coreopsis leavenworthii	Tickseed	2
8.	Coreopsis tinctoria	Dwarf Tickseed	3
9.	Crinum americanum	Swamp Lily	2
10.	Cyperus odoratus	Flat Sedge	2
11.	Eleocharis cellulosa	Coastal Spikerush	2
12.	Eleocharis interstincta	Jonited Spikerush	2
13.	Eupatorium fistulosum	Joe Pye Weed	4

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GRASSES, BULBS, SUCCULENTS			
	A	B	C
	Scientific Name	Common Name	Hydrologic Zone
14.	<i>Helianthus angustifolius</i>	Swamp Sunflower	2
15.	<i>Hibiscus coccineus</i>	Swamp Hibiscus	2
16.	<i>Iris louisiana</i>	Louisiana Iris	2
17.	<i>Iris virginica</i>	Southern Blue-Flag	2
18.	Juncaceae	Juncus	2
19.	<i>Juncus effusus</i>	Soft Rush	2
20.	<i>Leersia oryzoides</i>	Rice Cut Grass	2
21.	<i>Liatis spicata</i>	Spiked Gayfeather	3
22.	<i>Lobelia cardinalis</i>	Cardinal Flower	3
23.	<i>Nuphar luteum</i>	Spatterdock	1
24.	<i>Nymphaea mexicana</i>	Yellow Water Lily	1
25.	<i>Nymphaea odorata</i>	Fragrant Water Lily	1
26.	<i>Osmunda cinnamomea</i>	Cinnamon Fern	3
27.	<i>Osmunda regalis</i>	Royal Fern	3
28.	<i>Panicum virgatum</i>	Switchgrass	2
29.	<i>Peltandra virginica</i>	Green Arum	2
30.	<i>Polygonum hydropiperoides</i>	Smartweed	2
31.	<i>Pontederia cordata</i>	Pickerelweed	2
32.	<i>Pontederia lanceolata</i>	Pickerelweed	2
33.	<i>Rudbeckia hirta</i>	Black-eyed Susan	4
34.	<i>Sagittaria lancifolia</i>	Lance-leaf Arrowhead	2
35.	<i>Sagittaria latifolia</i>	Duck Potato	2
36.	<i>Saururus cernuus</i>	Lizard's Tail	2
37.	<i>Scirpus americanus</i>	Three-square	2
38.	<i>Scirpus californicus</i>	Giant Bulrush	2
39.	<i>Scirpus validus</i>	Softstem Bulrush	2
40.	<i>Sorgham nutans</i>	Yellow Indian Grass	4
41.	<i>Thalia geniculata</i>	Alligator Flag	2
42.	<i>Typha</i> spp.	Cattail	2
43.	<i>Vernonia gigantea</i>	Ironweed	4
44.	<i>Woodwardia virginica</i>	Virginia Chain Fern	2

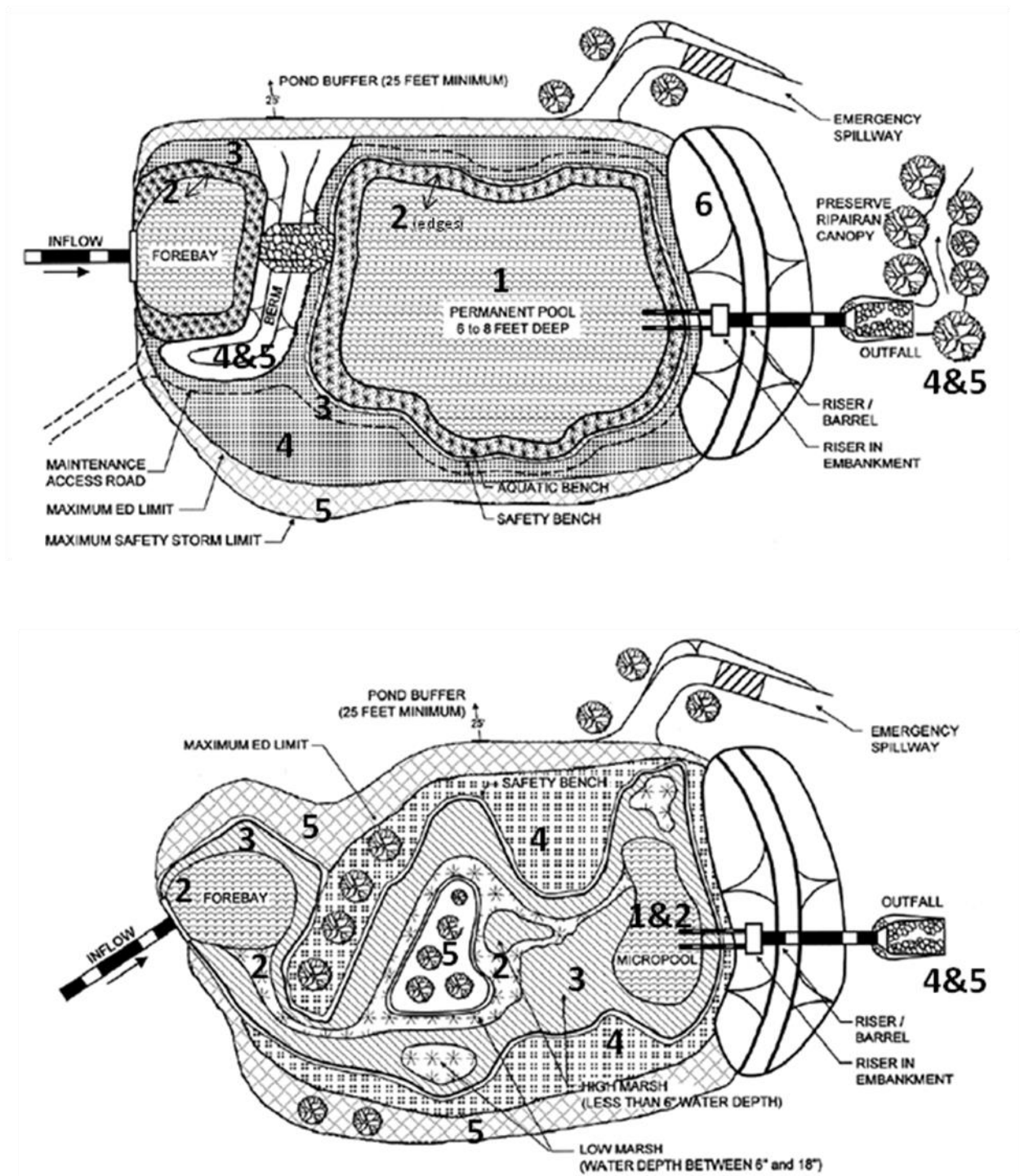
APPENDIX C - APPROVED PLANTS

TABLE C-6 TREES

TREES			
	A	B	C
	Scientific Name	Common Name	Hydrologic Zone
1.	Betula nigra	River Birch	4-5
2.	Liriodendron tulipifera	Tulip Poplar	4-5
3.	Magnolia grandiflora	Southern Magnolia	4-5
4.	Metasequoia glyptostroboides	Dawn Redwood	4-5
5.	Quercus michauxii	Swamp Chestnut Oak	4-5
6.	Quercus nigra	Water Oak	4-5
7.	Salix babylonica	Weeping Willow	4-5
8.	Salix nigra	Black Willow	4-5
9.	Taxodium distichum or Taxodium distichum var. nutans	Bald Cypress Pond Cypress	3-5

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FIGURE C-1 HYDROLOGIC PLANTING ZONES



APPENDIX C - APPROVED PLANTS

TABLE C-7 BIORETENTION PLANTING GUIDE

	A	B	C
	Trees	Shrubs	Herbaceous Species
1.	<i>Metasequoia glyptostroboides</i> Dawn Redwood	<i>Aesculus parviflora</i> Bottlebrush Buckeye	<i>Andropogon virginicus</i> Broomsedge
2.	<i>Betula nigra</i> River Birch	<i>Aronia arbutifolia</i> Red Chokeberry	<i>Eupatorium perpurea</i> Joe Pye Weed
3.	<i>Juniperus virginiana</i> Eastern Red Cedar	<i>Fothergilla gardenii</i> Fothergilla	<i>Hemerocalis spp.</i> Day Lily
4.	<i>Koelreuteria paniculata</i> Golden Rain Tree	<i>Hamamelis virginiana</i> Witch Hazel	<i>Iris pseudacorus</i> Yellow Iris
5.	<i>Nyssa sylvatica</i> Black Gum	<i>Hypericum densiflorum</i> Common St. Johns Wort	<i>Lobelia cardinalis</i> Cardinal Flower
6.	<i>Platanus acerifolia</i> London Plane Tree	<i>Ilex glabra</i> Inkberry	<i>Panicum virgatum</i> Switchgrass
7.	<i>Platanus occidentalis</i> Sycamore	<i>Ilex verticillata</i> Winterberry	<i>Pennisetum alopecuroides</i> Fountaingrass
8.	<i>Quercus palustris</i> Pin Oak	<i>Juniperus horizontalis</i> Creeping Juniper	<i>Rudbeckia laciniata</i> Greenhead Coneflower
9.	<i>Quercus phellos</i> Willow Oak	<i>Lindera benzoin</i> Spicebush	<i>Scirpus cyperinus</i> Woolgrass
10.	<i>Salix nigra</i> Black willow	<i>Myrica pennsylvanica</i> Bayberry	<i>Vernonia gigantea</i> Ironweed