

Delete those columns on all sheets with cross through since this information is either not relevant to Land Development Code applications OR is in conflict with other regulations such as GRU required utility offsets

Common Name	Scientific Name	Mature Urban Height	Est. Crown (20 Yr)	Avg. Spread (25 Yr)	Native	High Quality Shade	OK Under OHL	Street Buffer	Trees in Natural Buffer	Lot	Gate	Wet/Dry	Retention Basins
Ash, Green	<i>Fraxinus pennsylvanica</i>	60'	25'	50'	x	x		x	x	x		W	x
Ash, White	<i>Fraxinus americana</i>	60'	30'	60'	x	x		S	x	x	L		
Bay, Red	<i>Persea borbonia</i>	40'	15'	25'	x		x		x				
Bay, Swamp	<i>Persea palustris</i>	35'	15'	20'	x				x			W	x
Basswood	<i>Tilia caroliniana</i>	50'	30'	55'	x			S	x	x			x
Birch, River	<i>Betula nigra</i>	45'	25'	35'	x		x	U	x		M	W	x
Blackgum	<i>Nyssa sylvatica</i>	45'	25'	35'	x		x	S	x	x	M		x
Boxelder	<i>Acer negundo</i>	50'	30'	40'	x				x				
Buckeye, Red	<i>Aesculus pavia</i>	25'	10'	15'	x		x	U	x				x
Buckthorn, Carolina	<i>Rhamnus caroliniana</i>	20'	10'	15'	x		x	U	x				
Bumelia	<i>Sideroxylon tenax</i>	20'	7'	12'	x		x	U	x				
Bumelia, Silver	<i>Sideroxylon alachuense</i>	20'	7'	12'	x		x	U	x				
Catalpa, Southern	<i>Catalpa bignonioides</i>	60'	20'	30'									
Cedar, Atlantic White	<i>Chamaecyparis thyoides</i>	45'	15'	25'	x				x				x

Would suggest changing to 'Street Buffer and Vehicular Use Areas'

Cedar, Eastern Red	<i>Juniperus virginiana</i>	60'	15'	25'	x		x	U	x			D	
Cedar, Southern Red	<i>Juniperus silicicola</i>	60'	20'	30'	x				x				
Cherry-laurel	<i>Prunus caroliniana</i>	40'	20'	20'	x			U	x				
Chinese Pistachio	<i>Pistacia chinensis</i>	50'	25'	45'			x	U					
Crabapple	<i>Malus angustifolia</i>	25'	20'	20'	x				x				
Crape Myrtle	<i>Lagerstromia indica</i>	35'	15'	25'			x	U			S		
Cypress, Bald	<i>Taxodium distichum</i>	50'	20'	30'	x	x	x	U	x		M	W	x
Cypress, Pond	<i>Taxodium ascendens</i>	50'	15'	20'	x	x	x	U	x			W	x
Devil's-walkingstick	<i>Aralia spinosa</i>	30'	10'	15'	x				x				
Dogwood, Flowering	<i>Cornus florida</i>	35'	25'	35'	x		x	U	x				
Elm, Cedar	<i>Ulmus crassifolia</i>	60'	30'	50'	x	x		S	x	x			
Elm, Chinese (Drake)	<i>Ulmus parvifolia</i> CV. Drake	40'	30'	40'			x	S		x	M		
Elm, Florida	<i>Ulmus americana floridana</i>	60'	30'	50'	x	x		S	x	x			
Elm, Water	<i>Planera aquatica</i>	25'	15'	20'	x		x		x			W	x
Elm, Winged	<i>Ulmus alata</i>	65'	30'	60'	x	x		S	x	x	M		
Fringe Tree	<i>Chionanthus virginicus</i>	25'	10'	20'	x		x		x		S		x

Would not recommend planting Cherry Laurel. Would recommend substituting with Black Cherry, *P. serotina*

Would not recommend planting Devil's walking stick in a development project

I believe Mark and Russell suggested that the *U. parvifolia* may be invasive or close to

Fringe Tree, Chinese	<i>Chionanthus retusus</i>	30'	15'	25'			x	U			S		
Hawthorn, Green	<i>Crataegus viridis</i>	25'	7'	10'	x		x		x				
Hawthorn, Parsley	<i>Crataegus marshalii</i>	20'	7'	10'	x		x		x				x
Hawthorn, May	<i>Crataegus aestivalis</i>	25'	10'	15'	x		x		x		S	W	
Hawthorn, Cockspur	<i>Crataegus crusgalli</i>	20'	7'	10'	x		x		x				
Hawthorn, 1- flrd	<i>Crataegus uniflora</i>	15'	7'	10'	x		x		x				
Hercules Club	<i>Zanthoxylum clava-herculis</i>	50'	25'	40'	x				x				
Hickory, Mockernut	<i>Carya tomentosa</i>	45'	20'	30'	x	x		S	x				
Hickory, Pignut	<i>Carya glabra</i>	55'	20'	30'	x	x		S	x				
Hickory, Water	<i>Carya aquatica</i>	40'	30'	50'	x				x			W	x
Holly, American	<i>Ilex opaca</i>	35'	15'	25'	x	x	x	U	x		M		
Holly, dahoon	<i>Ilex cassine</i>	30'	15'	25'	x	x	x	U	x		S	W	x
Holly, East Palatka	<i>Ilex x attenuata "E. Palatka"</i>	35'	20'	30'	x		x	U		x	S		
Holly, Savannah, etc.	<i>Ilex x attenuata varieties</i>	40'	15'	35'	x		x	U		x	S		
Holly, Weeping	<i>Ilex vomitoria' Pendula'</i>	35'	15'	25'			x	U					

Would not recommend
planting Hercules Club
in a development project

Holly, Yaupon	<i>Ilex vomitoria</i>	20'	15'	20'	x		x	U	x				
Hop- hornbeam	<i>Ostrya virginiana</i>	35'	25'	35'	x	x	x	U	x		S		
Hornbeam	<i>Carpinus caroliniana</i>	35'	25'	35'	x		x	U	x		S	W	x
Jerusalem- thorn	<i>Parkinsonia aculeata</i>	30'	25'	30'			x						
Loblolly Bay	<i>Gordonia lasianthus</i>	60'	20'	35'	x				x			W	
Locust, Black	<i>Robinia pseudoacacia</i>	50'	20'	35'									
Locust, Honey	<i>Gleditsia triacanthos</i>	40'	20'	35'	x		x	U	x		S		
Loquat	<i>Eriobotrya japonica</i>	30'	20'	30'	not recommended for planting								
Magnolia, Ash	<i>Magnolia ashei</i>	20'	15'	20'	x		x				S		
Magnolia, Oriental	<i>Magnolia spp.</i>	25'	15'	25'				U					
Magnolia, Southern	<i>Magnolia grandiflora</i>	90'	20'	35'	x	x		S	x	x	L		
Magnolia, Sweetbay	<i>Magnolia virginiana</i>	55'	25'	40'	x				x			W	x
Maple, Florida	<i>Acer barbatum (floridanum)</i>	50'	25'	40'	x	x		S	x	x	M		
Maple, Red	<i>Acer rubrum</i>	55'	25'	40'	x				x		M	W	x
Mulberry, Red	<i>Morus rubra</i>	50'	25'	35'	x				x				
Oak, Basket	<i>Quercus michauxii</i>	60'	25'	40'	x	x		S	x	x			x

Remove trees not recommended for planting

Oak, Bluejack	<i>Quercus incana</i>	40'	25'	30'	x		x	U	x			D	
Oak, Bluff (local)	<i>Quercus austrina</i>	60'	30'	60'	x	x		S	x	x	L		
Oak, Diamondleaf	<i>Quercus laurifolia</i>	100'	40'	60'	x				x				
Oak, Durand	<i>Quercus durandii</i>	70'	40'	60'	x								
Oak, Laurel	<i>Quercus hemisphaerica</i>	100'	40'	60'	x	not recommended for planting							
Oak, Live	<i>Quercus virginiana</i>	80'	45'	80'	x	x		S	x	x	L		
Oak, Post	<i>Quercus stellata</i>	60'	25'	40'	x				x	x		D	
Oak, Sand Live	<i>Quercus geminata</i>	60'	30'	50'	x	x			x	x		D	
Oak, Shumard	<i>Quercus shumardii</i>	100'	30'	50'	x			S	x	x	L		x
Oak, Southern Red	<i>Quercus falcata</i>	65'	30'	50'	x	x		S	x	x			
Oak, Turkey	<i>Quercus laevis</i>	60'	25'	40'	x		x		x	x			
Oak, White	<i>Quercus alba</i>	65'	20'	35'	x			S	x	x	L		
Olive, Wild	<i>Osmanthus americanus</i>	35'	20'	30'	x		x	U			S		
Palm, Cabbage	<i>Sabal palmetto</i>	80'	14'	12'	x				x		M	W	
Palm, Date	<i>Phoenix spp.</i>	60'	26'	24'									
Palm, Pindo	<i>Butia capitata</i>	20'	14'	12'			x						
Palm, Washington	<i>Washingtonia robusta</i>	90'	12'	10'									

Remove trees not recommended for planting

Pear, Bradford	<i>Pyrus calleryana (Aristocrat)</i>	40'	15'	20'			x	U			S		
Pecan	<i>Carya illinoensis</i>	70'	35'	55'		x		S	x				
Persimmon	<i>Diospyros virginiana</i>	60'	15'	30'	x	x			x				x
Pine, Loblolly	<i>Pinus taeda (rust res.)</i>	110'	20'	30'	x								
Pine, Longleaf	<i>Pinus palustris</i>	90'	20'	30'	x	x		U	X		L		
Pine, Pond	<i>Pinus serotina</i>	90'	20'	30'	x							W	x
Pine, Shortleaf	<i>Pinus echinata</i>	100'	15'	25'	x								
Pine, Slash	<i>Pinus elliotii (rust res.)</i>	100'	20'	30'	x								
Pine, Spruce	<i>Pinus glabra</i>	50'	25'	40'	x			U	x	x	M		
Plum, American	<i>Prunus americana</i>	30'	20'	30'	x		x	U	x				
Plum, Chickasaw	<i>P. angustifolia</i>	20'	15'	25'	x		x	U	x		S		
Plum, Flatwoods	<i>Prunus umbellata</i>	20'	15'	25'	x		x	U	x		S		
Podocarpus	<i>Podocarpus macrophylla</i>	40'	10'	15'									
Redbud	<i>Cercis canadensis</i>	30'	25'	30'	x			U	x		S		
Rusty Blackhaw	<i>Viburnum rufidulum</i>	30'	15'	20'	x			U	x		S		
Sassafras	<i>Sassafras albidum</i>	30'	10'	15'	x				x				

Silverbell (Two wing)	<i>Halesia diptera</i>	25'	10'	15'	x		x	U	x				x
Snowbell, American	<i>Styrax americana</i>	20'	10'	15'	x		x	U	x			W	x
Soapberry	<i>Sapindus marginatus</i>	35'	15'	20'	x				x	x			
Sparkleberry Tree	<i>Vaccinium arboreum</i>	20'	10'	15'	x		x		x		S		
Sugarberry	<i>Celtis laevigata</i>	100'	30'	50'	x			S	x	x			
Sweetgum, Formosa	<i>Liquidambar formosana</i>	40'	20'	30'			x	U					
Sweetgum	<i>Liquidambar styraciflua</i>	100'	30'	50'	x				x			W	
Sycamore	<i>Platanus occidentalis</i>	100'	40'	60'	x			S		x	L		
Tulip Tree	<i>Liriodendron tulipifera</i>	100'	25'	40'	x	x		S	x		L	W	x
Tupelo, Black	<i>Nyssa sylvatica</i>	60'	20'	25'	x	x			x				x
Tupelo, Ogeechee	<i>Nyssa ogeche</i>	60'	25'	40'	x				x			W	x
Tupelo, Swamp	<i>Nyssa biflora</i>	60'	25'	40'	x				x			W	x
Tupelo, Water	<i>Nyssa aquatica</i>	60'	25'	40'	x				x			W	x
Viburnum, Walter	<i>Viburnum obovatum</i>	15'	10'	15'	x		x	U	x				x
Walnut, Black	<i>Juglans nigra</i>	50'	20'	25'	x								
Xylosma (Logwood)	<i>Xylosma Congestum</i>	15'	8'	12'									
Yew, Florida	<i>Taxus floridana</i>	15'	8'	12'	x				x				

U= Understory S = shade trees in Street Buffer column

Mature Urban Height refers to the expectation for trees planted in urban condition.

Trees listed in the Urban Forestry Master Plan Matrix that may be good to add to this COG list as well:

- Carolina Willow, *Salix caroliniana*
- Wax Myrtle, *Morella cerifera*

Other trees that may be good to add:

- Chaste Tree, *Vitex agnus-castus*
- Golden Trumpet Tree, *Tabebuia chrysotricha* (Historically I would say that we are too far north, but I've been seeing some around town that seem to be successful. Know this would be a risky one but could be good to include.)