APPENDIX 8-A

LANDSCAPING MATERIALS LIST

Following is a list of the plants that can be counted toward meeting the landscaping requirements of this ordinance. Property owners may plant other varieties if desired, but they will not count towards the requirements.

Tree and shrub names marked with an asterisk are ones to try to avoid using due to overuse in the City.

CANOPY TREES

				REC	OMMENDED	USE		
NAME	COMMON NAME	CULTIVAR	Streets	Perimeter and buffer yards	Heritage Tree Mitigation	Parking areas	Screening	COMMENTS
DECIDUOUS CANOPY	TREES (30 feet or taller	at maturity)						
Acer barbatum	Southern sugar maple		*	✓	*			Best sugar maple for the South
Acer rubrum*	Red maple*	Many excellent cultivars	1	✓	*	1		Not for parking lot islands
Acer saccharum	Sugar maple	'Green Mountain'	1	✓	1			
Acer x freemanii	Freeman maple	Several excellent cultivars	1	✓	1	1		
Betula nigra	River birch	Several excellent cultivars	1	1	1			Prefers moist locations
Carpinus betulus	Fastigate European hornbeam	'Fastigiata,' and sometimes 'Pyramidalis'	√			√		Formal, columnar habit
Fagus grandifolia	American beech			✓	1			For natural areas with good soil
Fraxinus pennsylvanica	Green ash	Several good cultivars	1	1				Discouraged due to Emerald Ash Borer (EAB)
Ginkgo biloba	Ginkgo	Use named cultivars only – no seedling grown trees	*	✓	*	*		Extremely tough once established
Koelreuteria bipinnata	Chinese flametree			✓				
Koelreuteria paniculata	Golden raintree			✓				
Liquidamber styraciflua	Fruitless sweetgum	'Rotundiloba'	1	✓	✓	1		No sweetgum balls; marginally successful
Liriodendron tulipifera	Yellow poplar, tulip poplar		1	1		1		For natural areas with good soil
Nyssa sylvatica	Blackgum		✓	✓	1	1		
Platanus acerifolia	London plane tree	Avoid the cultivar 'Bloodgood'	✓	✓	*	✓		Cultivar 'Bloodgood' severely susceptible to ozone damage
Platanus occidentalis	American Sycamore		✓	✓				Prefers moist locations
Quercus acutissima	Sawtooth oak			✓				Fast growing and very tough
Quercus alba	White oak			✓	✓			For natural areas with good soil
Quercus bicolor	Swamp white oak			✓				
Quercus imbricaria	Shingle oak			✓				
Quercus laurifolia	Laurel oak		1	✓	1	1		
Quercus lyrata	Overcup oak		✓	✓		✓		

				REC				
NAME	COMMON NAME	CULTIVAR	Streets	Perimeter and buffer yards	Heritage Tree Mitigation	Parking areas	Screening	COMMENTS
Quercus macrocarpa	Bur oak			✓	✓			
Quercus michauxii	Swamp chestnut oak			✓	✓	l		Tolerates moist locations
Quercus nigra	Water oak			✓	4			
Quercus palustris	Pin oak		*	✓	*	*		Not for use in high pH soils
Quercus phellos*	Willow oak*		✓	✓	✓	✓		
Quercus robur	English oak	'Fastigiata'	4	✓				Formal, columnar habit
Quercus stellata	Post oak			✓				
Sophora japonica	Japanese Pagoda tree	Several good cultivars	*	✓				
Tilia tomentosa	Silver linden		4	✓	✓			
Ulmus Americana	American Elm	'Jefferson,' 'Princeton'	✓	✓		✓		
Ulmus parvifolia*	Lacebark elm*	Many excellent cultivars	1	✓		*		
Ulmus sp.	Elm	'Autumn Gold,' 'Frontier,' 'Homestead,' 'Patriot,' 'Pioneer,' 'Regal,' 'Sapporo,' 'Urban'	*	✓		*		Elm hybrids or cultivars that are resistant to Dutch Elm Disease
Zelkova serrata	Zelkova	Several good cultivars	✓	✓	✓	✓		
EVERGREEN, SEMI-EV	ERGREEN AND CONIFE	ROUS CANOPY TREES	(30 feet or	taller at matur	ity)			
Cedrus deodora*	Deodar cedar*			✓			✓	
Cryptomeria japonica*	Japanese cryptomeria*	'Yoshino' and other cultivars		✓			✓	
Cupressocyparis leylandii*	Leyland cypress*			✓			✓	Not for wet areas.
llex opaca*	American holly*			✓			✓	
Juniperus virginiana*	Eastern red cedar*			✓			✓	Tough evergreen tree
Magnolia grandiflora*	Southern magnolia*	Many excellent cultivars		✓	✓		✓	Spreading habit
Metasequoia glyptostroboides*	Dawn redwood*			✓	✓			Requires lots of space; tolerates wet areas
Quercus myrsinifolia	Chinese evergreen oak		✓	✓				Spreading habit
Quercus virginiana*	Live oak*			✓	✓	✓		Spreading habit
Taxodium ascendens*	Pond cypress*		✓	✓		✓		Prefers wet, acidic soils
Taxodium distichum*	Bald cypress*		✓	✓		✓		Prefers wet, sandy acidic soils

UNDERSTORY TREES

				RECOMM							
NAME	COMMON NAME	CULTIVAR	Streets	Perimeters and buffer yards	Parking Areas	Screening	COMMENTS				
DECIDUOUS UNDERSTO	DECIDUOUS UNDERSTORY TREES (THIRTY FEET TALL OR LESS AT MATURITY)										
Acer buergeranium	Trident maple		✓	✓	√						

				RECOMM	IENED USE		
NAME	COMMON NAME	CULTIVAR	Streets	Perimeters and buffer yards	Parking Areas	Screening	COMMENTS
Acer campestre	Hedge maple		✓	1	✓		
Acer palmatum	Japanese maple	Hundreds of cultivars	✓	✓	✓		
Carpinus caroliniana	American hornbeam, Ironwood		1	1	✓	le l	
Cercis Canadensis	Eastern redbud	Several good cultivars	✓	*			
Cercis reniformis	Oklahoma redbud	'Oklahoma'	✓	√	*		'Oklahoma' is the only redbud suitable for parking areas
Chionanthus retusis	Chinese fringetree		1	✓	✓		Prune to tree form
Cornus florida	Flowering dogwood	Hundreds of cultivars	✓	✓	✓		
Cornus kousa	Kousa dogwood	Many cultivars	✓	✓	✓		
Cotinus coggygria	Common smoketree			✓	✓		
Crataegus viridis	Winter King hawthorn	'Winter King'	1	1	✓		Large thorns; consider location carefully
Lagerstromia sp.*	Crape myrtle*	Many good cultivars	4	✓			Minimum size for multi- stem: 7 foot height
Magnolia x soulangiana	Saucer magnolia, Tuliptree	Late-blooming cultivars preferred		✓	✓		Minimum size for multi- stem: 7 foot height
Malus baccata	Jackii crabapple	'Jackii'	✓	✓	✓		
Malus floribunda	Floribunda crabapple		✓	✓	✓		
Malus sargentii	Sargent crabapple		✓	✓	✓		
Malus sieboldi	Sprenger crabapple	'Professor Sprenger'	✓	✓	✓		
Malus sp.	Apple	'Adirondack,' 'Baskatong,' 'Calloway,' 'Centurion,' 'Indian Summer,' 'Indian,' 'Molten Lava,' 'Prairifire,' 'Sentinel,' 'Sugar Tyme,' 'White Cascade'	1	✓	*		Only cultivars listed are highly disease-resistant
Ostrya virginiana	American hophornbeam, Ironwood			√			
Oxydendron arboretum	Sourwood			✓			Not for wet areas
Parrotia persica	Persian parrotia		✓	✓			Not for wet areas
Pistacia chinensis	Chinese pistache		✓	1	✓		
Prunus x autumnalis	Autumnalis cherry			✓			
Prunus x bliereiana	Bliereiana plum			✓			
Prunus cerasifera	Flowering plum, Purpleleaf plum	Many good cultivars		✓			
Prunus caroliniana	Carolina cherrylaurel	Several good cultivars	✓	✓			Most cherries and plums are short-lived
Prunus x okame	Okame cherry		✓	✓			are snort-lived
Prunus serrulata	Japanese flowering cherry	Several cultivars	1	✓			
Prunus x yedoensis	Yoshino cherry	'Yoshino'	✓	✓			
EVERGREEN, SEMI-EVE	RGREEN AND CONIFERO	US UNDERSTORY TREES (THIRTY FEE	T TALL OR LES	S AT MATURI	TY)	
Camellia japonica*	Camellia*			4		4	Prefers shade/partial shade; attractive flowers; many good cultivars
llex aquilifolium	English holly*			1		1	
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				RECOMM	ENED USE		
NAME	COMMON NAME	CULTIVAR	Streets	Perimeters and buffer yards	Parking Areas	Screening	COMMENTS
llex x attenuate	Foster holly*	'Fosteri'		✓	✓	✓	Tough, once established
llex latifolia	Lusterleaf holly*			✓	✓	✓	Coarse textured foliage
llex x emily brunner	Emily Brunner holly*	'Emily Brunner'		✓		✓	
llex x nellie r. stevens	Nellie R. Stevens holly*	'Nellie R. Stevens'		✓	✓	✓	Medium textured foliage
Ilex vomitoria	Yaupon holly	Several good cultivars	✓	✓	✓	✓	Fine textured foliage
Magnolia grandiflora*	Little Gem magnolia*	'Little Gem'		✓	✓	✓	Only 'Little Gem' is under 30 feet at maturity
Magnolia Virginiana	Sweetbay magnolia			1			May also be used in some larger building offset areas.
Myrica cerifera*	Waxmyrtle*			✓		✓	
Pinus nigra*	Austrian Pine*			✓		✓	
Pinus sylvestris*	Scotch pine*			✓		✓	
Pinus thunbergii*	Japanese black pine*			✓		✓	
Thuja occidentalis*	American Arborvitae*	'Degroot's Spire,' 'Ellwangeriana,' 'Hetz Wintergreen,' 'Lutea,' 'Rheingold,' 'Smaragd' (a.k.a. 'Emerald Green'), 'Techny,' and 'Wareana'		4		*	

SHRUBS AND GROUNDCOVERS

				RECOMM	IENDED US	SES		
NAME	COMMON NAME	CULTIVAR	Ground cover	Hedge /screen	Shrub border	Naturalistic design	Erosion control	COMMENTS
DECIDUOUS SHRUBS			_					
Cotoneaster apiculatus	Cranberry Cotoneaster	'Tom Thumb'	~		~			Spreading foliage that turns brilliant red in fall
Cotoneaster horizontalis	Rock Cotoneaster		~					Attractive foliage; spreading habit; draught tolerant
Deutzia gracilis	Slender Deutzia			*	*	✓		
Fothergilla gardenii	Dwarf Fothergilla				4	√		Sun/part shade; attractive foliage/flowers; prefers moist, but well drained, acidic soil
Hydrangea macrophylla	Big Leaf Hydrangea	'All Summer Beauty,' 'Masja,' 'Dooley,' 'Harmony'			✓	1		Compact, rounded shrub; prefers moist, well-drained soil; partial sun/shade
Hydrangea serrata	Mountain Hydrangea	"Blue Billow," 'Tuff Stuff'			✓	1		Compact, rounded shrub; prefers moist, well-drained soil; partial shade/shade
Jasminum nudiflorum	Winter Jasmine		~		1			Adapts to wide range of conditions
DECIDUOUS SHRUBS	- MEDIUM (BETWEE	EN FOUR AND SIX FEET IN I	HEIGHT)				•	
Buddleia davidii	Butterfly-bush				✓			Well-drained soils
Callicarpa Americana	French Mulberry or American Beautyberry					√		Coarse open shrub; massing
Callicarpa dichotoma	Purple Beautyberry			1	1	✓		Attractive foliage, form
Callicarpa japonica	Japanese Beautyberry			*	1	✓		

				RECOMM	ENDED US	SES		
NAME	COMMON NAME	CULTIVAR	Ground cover	Hedge /screen	Shrub border	Naturalistic design	Erosion control	COMMENTS
Chaenomeles japonica	Japanese Flowering quince			1	1			Thorny; good barrier plant
Clethra alnifolia	Summersweet Clethra	'Ruby Spice,' 'Hummingbird'		1	1			Requires shade
Hydrangea arborescens	Smooth Hydrangea	'Annabelle,' 'Grandiflora'			1	✓		Tends to spread rapidly; tolerates variety of conditions
Hydrangea macrophylla	Big Leaf Hydrangea	'Carmen,' 'Nikko Blue,' 'Blue Prince,' 'Snowflake,' 'Snow Queen'				1		Tends to spread; attractive flowers
Itea virginica	Virginia Sweetspire	'Henry's Garnet,' 'Little Henry,' 'Merlot'			1	✓		Prefers moist soils; nice fall color
Kerria japonica	Kerria			1	*	√		Tolerates wide range of conditions
Spiraea cantoniensis	Reeves Spirea	'Lanceata"		1	1	✓		Heat tolerant
Spiraea prunifolia	Bridalwreath Spirea	'Plena'		1	1	1		Tolerates wide range of soils
Spiraea thunbergii	Thunberg Spirea			✓	*	*		Requires pruning; tolerates wide range of soils; nice fall foliage
Weigela florida	Old Fashioned Wiegela			✓	✓	4		Tolerates pollution; requires pruning
DECIDUOUS SHRUBS	- LARGE (SIX FEET	AND ABOVE IN HEIGHT)						
Calycanthus floridus	Sweetshrub				*	*		Adaptable to many soils; disease and insect resistant; very fragrant; native
Chimonanthus praecox	Wintersweet				1			Residential scale; fragrant blooms; winter bloomer; prefers moist, well-drained soil
Deutzia scabra	Fuzzy Deutzia			1		✓		Coarse texture
Forsythia x intermedia	Forsythia	'Happy Centennial,' 'Gold Tide'			1	✓		Requires pruning; tolerates wide variety of soils
Hamamelis virginiana	Virginia Witch- hazel					✓		Somewhat tolerant of urban conditions
Hydrangea quercifolia	Oakleaf Hydrangea					✓		Prefers shade; nice fall color
llex verticillata	Winterberry				*	✓		Thrives in boggy soils; Showy berry display in winter
Philadelphia x virginalis	Mock Orange	'Minnesota Snowflake'				✓		Attractive flowers
Spiraea x vanhouttei	Vanhoutte Spirea			✓		✓		Tough plant; attractive flowers
EVERGREEN SHRUBS	S - SMALL (UP TO FO	OUR FEET IN HEIGHT)						
Azalea hybrida	Glenn Dale Azalea					✓		Attractive flowers
Azalea Kurume (Rhododendron obtusum)	Kurume Azalea	'Coral Bells,' 'Hinodegiri,' 'Pink Pearl,' 'Snow'				√		Attractive flowers, form
llex crenata	Dwarf Japanese Holly	'Helleri,' 'Hetzii'	✓		1			
llex glabra	Dwarf Inkberry	'Compacta'		✓	✓			Fine textured foliage; can be sheared to form hedge; prefers moist locations
llex vomitoria	Dwarf Yaupon Holly	'Nana'			1			Withstands sun, drought
Loropetalum	Dwarf	'Daruma'' 'Purple	✓		✓			Low mounding, compact

				RECOMM	IENDED US	SES		
NAME	COMMON NAME	CULTIVAR	Ground cover	Hedge /screen	Shrub border	Naturalistic design	Erosion control	COMMENTS
chinensis	Loropetalum	Daydream,' 'Purple Pixie,' 'Snow Muffin,' 'Carolina Moonlight,' 'Emerald Snow'						grower; attractive foliage
Nandina domestica	Harbor Dwarf Nandina	'Harbor Dwarf'			1	✓		Low growing; graceful form; attractive foliage
Nandina domestica	Dwarf Nandina	'Harbor Dwarf,' 'Nana" 'Lemon Lime,' 'Woods Dwarf,' 'Fire Power,' 'Gulfstream,' 'Seika,' 'Monfar'			~	✓		Low growing; attractive foliage
EVERGREEN SHRUBS	6 – MEDIUM (BETWE	EN FOUR AND SIX FEET IN H	IEIGHT)					
Abelia x grandiflora*	Glossy Abelia*			✓				Attractive flowers, foliage
Aucuba japonica	Japanese Aucuba			✓	✓			Requires shade; tolerates pollution
Azalea kaempferi (Rhododendron Kaempferi)	Kaempferi Azalea	'Johanna,' 'Daimio,' 'Semperflorens,' 'Eastern Fire,' 'Othello'				*		Attractive flowers; other cultivars
Berberis julianae	Wintergreen Barberry	'Spring Glory'		✓	*			Attractive foliage; evergreen
Buxus sempervirens	Boxwood			✓				Can be pruned; several cultivars
llex cornuta*	Dwarf Burford Holly*	'Burfordii Nana'		✓	✓			Drought tolerant; tolerates wide range of conditions
Juniperus chinensis x phitzeriana	Pfitzer Juniper	'Sulfer Spray,' 'Old Gold,' 'Sea Green"		✓	✓			Prefers well-drained soils; other cultivars
Loropetlum Chinese v rubrum	Loropetlum	'Darkfire,' 'Ever Red,' 'Purple Diamond,' 'Red Diamond,' 'Ruby,		✓	*			Very attractive foliage; once established very tolerant of drought conditions
Osmanthus heterophyllus	Holly Tea Olive/False Holly	'Rotundifolius,' 'Variegatus'		✓	1			Tolerates heavy pruning, urban conditions, drought and clay soil
Pieris floribunda	Mountain Pieris				✓			Needs shade; slow growing
Prunus laurocerasus	Cherry Laurel	'Otto Luyken', 'Zabel Laurel', 'Schipka Laurel'		4				Withstands heavy pruning; prefers moist well drained soils
EVERGREEN SHRUBS	S – LARGE (SIX FEET	AND ABOVE IN HEIGHT)		•	,	!	•	
Azalea indica	Indian Azalea	'George L. Tabor,' 'Formosa,' Mrs. G. G. Gerbing,' 'Judge Solomon,' 'Pride of Mobile'				√		Partial shade; attractive flowers
Bambusa multiplex	Hedge Bamboo	'Alphonse Karr,' 'Golden Goddess'		✓				Tends to spread
Berberis julianae	Wintergreen Barberry	'Nana,' 'Spring Glory'		✓				Attractive foliage
Camellia japonica*	Camellia*			4		✓		Prefers shade/partial shade; attractive flowers; many good cultivars
Camellia sasanqua	Sasanqua Camellia			✓		*		Smaller than C. japonica; sun/partial shade; prefers moist, well drained, acidic soils
Cleyera japonica	Cleyera			4				Accent plant; tolerates pruning; shade/partial shade; intolerant of wet sites
Euonymus japonicus	Japanese Euonymus			✓				Withstands heavy pruning; disease prone
Fatsia japonica	Japanese Fatsia					✓		Specimen; prefers full shade

				RECOMM	IENDED US	SES		
NAME	COMMON NAME	CULTIVAR	Ground cover	Hedge /screen	Shrub border	Naturalistic design	Erosion control	COMMENTS
llex aquifolium*	English Holly*			✓				Dense foliage; attractive fruit
llex cornuta	Chinese Holly			1				Adapts to wide range of conditions; drought tolerant
llex cornuta*	Burford Holly*	'Burfordii'		1				Adapts to wide range of conditions; drought tolerant
llex crenata	Convex Japanese Holly	'Convexa'		1				Hardy; tolerates urban conditions/pruning
llex crenata	Hetzi Japanese Holly	'Hetzii'		*				Attractive form
llex crenata	Roundleaf Japanese Holly	'Rotundifolia'		*				Upright, rounded form; tolerates pruning
llex x *	Emily Brunner Holly*	'Emily Brunner'		*				Attractive foliage; pyramidal form
llex glabra	Inkberry			✓				Withstands heavy pruning
llex latifolia	Lusterleaf Holly			✓				Requires light shade
llex pernyi	Perny Holly			✓				
Ilex vomitoria*	Yaupon Holly*			1				Adaptable to variety of conditions
Juniperus chinensis	Hetzi Juniper	'Hetzii'		1				Tolerates wide range of soils; rapid growth
Laurus nobilis	Sweet Bay Laurel			*				Highly aromatic foliage; once established drought tolerant
Leucothoe populifolia	Florida Leucothoe					✓	*	Needs shade
Ligustrum japonicum	Japanese Privet			✓				Adaptable to wide variety of conditions; can also be grown in tree form
Ligustrum x vicaryi	Golden Privet			✓				Golden foliage
Loropetalum chinense	Loropetalum	'Blush,' 'Burgundy,, 'Little Rose Dawn,' 'Pizazz,' 'Plum Delight,' 'Zhuzhou Fuchsia'		4	*			Tolerates pruning; tolerates heavy shade
Mahonia bealei	Leatherleaf Mahonia							Prefers shade; coarse foliage
Michelia figo	Banana Shrub			*		√		Attractive form, foliage; can also be grown in tree form; prefers partial shade
Myrica cerifera	Wax Myrtle			1	1	✓		Attractive foliage; native plant
Nandina domestica	Nandina							Needs pruning; adaptable; minimal care needed
Osmanthus x fortunei	Fortune's Osmanthus			✓				Tolerates heavy pruning, drought and clay soil
Osmanthus fragrans	Fragrant Tea Olive			✓				Tolerates heavy pruning, drought and clay soil
Osmanthus heterophyllus	Holly Tea Olive/False Holly	'Goshiki,' 'Gulftide,' 'Sasaba'		*	1			Tolerates heavy pruning, urban conditions, drought and clay soil
Photinia x fraseri	Fraser Photinia	'Red Robin		1				Attractive foliage; drought tolerant
Pieris japonica	Japanese Pieris	'Mountain Fire,' 'Purity			1	✓		Prefers shade; well-drained, organically rich soil
Pittosporum tobira	Pittosporum/Japa nese Mockorange			1				Tolerates wide range of conditions

				RECOMM	IENDED US	ES		
NAME	COMMON NAME	CULTIVAR	Ground cover	Hedge /screen	Shrub border	Naturalistic design	Erosion control	COMMENTS
Podocarpus macrophyllus maki	Podocarpus/Japa nese Yew			*	~			Intolerant of wet sites
Prunus caroliniana	Carolina Cherry Laurel			1		1		Tolerant of heat and drought
Pyracantha coccinea	Scarlett Firethorn			✓				Requires pruning
Viburnum Awabuki	Chindo Sweet Viburnum	'Chindo'		✓				Excellent glossy-leafed, large, evergreen shrub
Viburnum rhytidophyllum	Leatherleaf Viburnum			✓				Attractive foliage; tolerates heavy shade
Viburnum tinus	Laurestinus Viburnum			✓				Attractive foliage; tolerates heavy shade
GROUNDCOVERS								
Ajuga reptans	Ajuga		✓					Prefers part shade; intolerant of foot traffic
Aspidistra elatoir	Cast-Iron Plant		✓					Prefers part shade; large foliage; tolerates wide range of soils and dry conditions
Cotoneaster dammeri	Bearberry Cotoneaster		✓	✓				Attractive foliage; rapid growth
Cotoneaster salicifolius	Willowleaf Cotoneaster							Attractive foliage; rapid growth
Cyrtomium falcatum	Holly Fern		✓			✓		Shade
Helleborus orientalis	Lenten Rose		✓					Shade; intolerant of sun/drought
Hemerocallis spp.	Daylily		✓				✓	Sun; low maintenance; many good cultivars are available
Hypericum calycinum	Aaronsbeard		✓					Sun; rapid growth; wide range of soils
Junperus conferta	Shore Juniper		✓					Sun; wide range of soils; drought tolerant
Juniper procumbens	Juniper		✓					Feathery foliage on widespread, stiff branches; prefers sun; wide range of soils; slow growth
Juniper horizontalis	Creeping Juniper	"Bar Harbor,' 'Plumosa,' 'Blue Rug'	✓					Low spreading grower; attractive foliage; prefers sun; tolerates urban conditions and drought
Liriope muscari	Liriope		✓					Sun/shade; wide range of soils; several clumping cultivars are available
Ophiopogon japonicus	Mondo Grass		1				1	Sun/shade; wide range of soils
Santolina chamaecyparissus	Lavender Cotton		4					Sun; drought tolerant; attractive foliage
Sedum acre	Stonecrop		✓					Sun/part shade; rapid growth
Trachelospermum asiaticum	Asiatic Jasmine		4					Sun/part shade; needs pruning to keep in bounds
Vinca major	Bigleaf Periwinkle		✓					Shade; rapid growth; wide range of soils; requires pruning to keep plant in bounds
Vinca minor	Littleleaf Periwinkle		✓					Shade; rapid growth; wide range of soils; several cultivars; requires pruning to keep plant in bounds