VII

ACCEPTABLE PLANT MATERIALS

A/LI LARGE TREES (OVE	5. 50			•	CTIC	•				D! AN	TUCE	<u> </u>			JUL	PIABLE PLANT MATERIALS
	-	PLA	NI CHA	ARACTERI	SIIC	<u>ა</u>		1		PLAN	T USE	<u> </u>	1	1		
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	НЕІСНТ	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Abies concolor White Fir	E	30' to 50'	15' to 30'	Pyramidal	X	X			X				X			Can be used as a screen between conflicting land uses; doesn't meet other ordinance requirements because of low branch pattern; best used in large areas where there is room for plant development.
*Acer negundo Box Elder	D	30' to 50'	30' to 50'											X	X	Excellent tree for streamside plantings. Will naturally seed in if no mow zone is established by stream.
Acer platanoides Norway Maple 'Columnare' 'Crimson King' 'Summershade' 'Erectum'	D	40' to 50'	30' to 40'											X	X	Very adaptable maple; best reserved for use in large areas; numerous cultivars can be selected for use.
*Acer saccharinum Silver Maple	D	50' to 70'	40' to 50'												X	
<u>*Acer saccharum</u> Sugar Maple	D	60' to 75'	50' to 60'	Rounded	X	X	X	7'+	X	X	X			X	X	One of best larger lawn and shade trees; not for downtown or other crowded areas. Possible use in suburban areas as a street tree.
Alnus glutinosa Black Alder	D	40' to 60'	20' to 40'	Pyramidal to Oval	X	X			X	X	X			X	X	Good tree for any wet or clay soils; tolerates most adverse conditions. Nitrogen fixator.
*Aseculus glabra Ohio Buckeye	D	40' to 70'	20' to 40'	Rounded										X	X	All parts poisonous if ingested.
*Aseculus octandra (A. flava) Yellow Buckeye	D	60' to 75'	20' to 40'	Oval										X	X	All parts poisonous if ingested.
*Betula lenta Sweet Birch		40' to 50'	30' to 40'	Pyramidal To Rounded					X	X	X			X	X	Intolerant of polluted urban areas; best birch for yellow fall color good for large, naturalized areas.

^{* =} Native Species

A/LT LANGE TILLS (OVE	1			ARACTERI	STIC	S				PLAN	T USE	S				FIABLE FLANT MATERIALS
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	HEIGHT	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Betula nigra River Birch	D	40' to 70'	40' to 60'	Oval to Rounded		X			X	X	X			X	X	More adaptable and disease resistant than other birch trees; handsome tree; good for wet areas.
Carpinus betulus European Hornbeam 'Asplenfolia' 'Columnaris' 'Fastigiata'	D	40' to 60'	30' to 50'	Oval		X			X	X	X				X	Must be limbed up to meet Landscape Ordinance requirements; outstanding specimen tree; there are many excellent cultivars that deserve use.
*Carya cordiformis Bitternut Hickory	D	50' to 75'	20' to 30'	Irregular										X	X	Can be planted by streams.
*Carya glabra Pignut Hickory	D	50' to 60'	25' to 35'	Oval										X	X	
*Carya Illinoinensis Pecan	D	70' to 100'	40' to 75'	Oval										Х	X	
*Carya laciniosa Shellbark Hickory	D	60' to 80'	20' to 30'	Spreading										X	X	
*Carya ovata Shagbark Hickory	D	60' to 80'	40' to 60'	Oblong										X	X	Can be planted by streams.
*Catalpa speciosa Northern Catalpa	D	40' to 60'	20' to 40'	Irregular										X	X	
*Celtis laevigata Sugar Hackberry	D	60' to 80'	50' to 60'	Rounded	X	X	X	7'+	X	X	X			X		
*Celtis occidentalis Common Hackberry	D	40' to 60'	40' to 60'	Rounded		X								X	X	Excellent wildlife tree.

A/LI LARGE TREES (OVE	# 30						1							A	CCE	PIABLE PLANT MATERIALS
		PLA	NT CH	ARACTERI	STIC	S				PLAN	<u>IT USE</u>	S		1		
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	НЕІСНТ	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Cercidiphyllum japonicum Katsura Tree	D	40' to 60'	30' to 50'	Oval to Columnar	X	X	X	7'+	X	X	X	X		X		Male forms are narrow and upright while female forms are round and spreading; handsome tree; had to be limbed up to meet ordinance requirements.
Chamaecyparis obtuse Hinoki Falsecypress	E	50' to 75'	10' to 20'	Pyramidal		X			X				X			Very dense evergreen; needs moist, humid conditions and protection from wind; many cultivars but most are a smaller size.
<u>Chamaecyparis pisifera</u> Sawara Falsecypress	E	50' to 70'	10' to 20'	Pyramidal		X			X	X			X			Requires moist, humid conditions; numerous outstanding cultivars but they are a smaller size, loses beauty with age.
*Diospyros virginiana Common Persimmon	D	35' to 60'	20' to 35'	Oval										X	X	Establishes well on compacted soils.
Eucommia ulmoides Hardy Rubber Tree	D	40' to 60'	40' to 50'	Rounded	X	X	X	7'+	X	X	X	X		X		Virtually problem free, outstanding dark green foilage; lacking in other ornamental qualities; excellent street tree.
*Fagus grandifolia (Fagus americana) American Beech	D	50' to 70'	100' to 120'	Rounded		X							X	X	X	Recommended for shade areas only.
Fagus sylvatica European Beech 'Asplenifolia' 'Fastiagata' 'Riversii' 'Rohanii' 'Rotundifolia'	D	50' to 60'	35' to 45'	Oval to Rounded		X							X		X	Doesn't meet most ordinance requirements because of low branching pattern, many excellent cultivars that could be used as a large screen; needs room to develop.
*Fraxinus americana Phariting, of all	asl	^{50'} n ^{to} tre	40' 60 S (^{Oval} fraxinu	15)	has	bee	n inde	efini	tely :	susp	ende	ed.	X	X	Vigorous growing but requires a lot of care because of numerous insect and disease problems; best used in large areas. Potential to be devastated by Emerald Ash Borer.

^{* =} Native Species

A/LT LARGE TREES (OVE	1				CTIC		I			DI AN	IT LIGE					PIABLE PLANT MATERIALS
	-	PLAI	NI CHA	ARACTERI	SIIC	<u>ა</u>			1	PLAN	IT USE	<u>ა</u>	1	1	1	
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Fraxinus excelsior ChantingpofAall 'Hessei'		80'	90'	Rounded fraxinu	IS)	has	bee	n ind	efini	tely	susp	end	ed.	X	X	Potential to be devastated by Emerald Ash Borer.
*Fraxinus pennsylvanica Pipen Ash 'Summit'					/\$)	has	bee	n ind	efijni	te k y	sriet	end	ed.	X	X	Very adaptable to adverse conditions where other trees have trouble growing. Excellent tree for wet areas. Potential to be devastated by Emerald Ash Borer.
*Fraxinus quadrangulata Planting of all 'True Blue'	as			Rounded fraxinu	IS)	h a s	b X e	n inde	ef % ni	tely	susp	end	e X .	X	X	Trees will be hard to obtain until source Is established.
Ginkgo biloba (Male) Ginkgo 'Autumn Gold' 'Fastiagata'	D	50' to 80'	30' to 50'	Pyramidal to Rounded	X	X	X	7'+	X	Х	х			X		Tolerates adverse conditions; excellent tree for streets and other urban uses; outstanding ornamental qualities.
*Gymnocladus dioicus Kentucky Coffeetree	О	60' to 75'	40' to 50'	Oval										X	X	Drought tolerant.
* <u>Juglans cinerea</u> Butternut	D	40' to 60'	30' to 50'	Rounded									X	X		
<u>*Juglans nigra</u> Black Walnut	D	50' to 75'	50' to 75'	Oval									X	X		
Larix decidua European Larch	D	70' to 75'	25' to 30'	Pyramidal					X	X			X		X	Nice specimen tree for large areas; intolerant of adverse conditions; messy winter appearance; does well in wet areas.
*Liquidambar styraciflua Sweetgum 'Festival' 'Moraine'	D	60' to 70'	40' to 50'	Pyramidal To Oval			X	7'+	X	X	X			X	X	Excellent tree for large areas; extensive root system needs room to develop; avoid polluted areas. Fruit can be considered a nuisance.

^{* =} Native Species

A/LT LARGE TREES (OVE	7. 00			•	CTIC		1			DI AN	TUCE				-	PIABLE PLANT WATERIALS
		PLA	NI CHA	ARACTERI	SIIC	ა				PLAN	T USE	>				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	HEIGHT	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Liriodendron tulipifera Tulip Poplar Yellow Poplar	D	70' to 90'	35' to 50'	Oval To Rounded			X	8'+	X	X	X			X	X	Can grow to 150' or taller, not for small Areas.
*Magnolia acuminata Cucumbertree Magnolia	D	50' to 80'	50' to 80'	Pyramidal To Rounded			X	8'+	X	X	X			X	X	Develops massive spreading branches, not for polluted areas or dry soils.
Metasequoia glyptostroboides Dawn Redwood	D	70' to 100'	25'	Pyramidal to Conical	X	X			X	X			X			Can suffer from early freeze damage; not suitable for low areas; should only be used in large areas; very adaptable.
Picea abies Norway Spruce	E	40' to 60'	25' to 30'	Pyramidal	X				X				X	X		Loses form with age; commonly used as a windbreak; can be pruned into a hedge.
Picea glauca White Spruce	E	40' to 60'	10' to 20'	Pyramidal	X				X				X			Very adaptable; tolerates adverse conditions better than other spruce trees.
Picea omorika Serbian Spruce	E	50' to 60'	20' to 25'	Pyramidal	X				X				X			Excellent dark green foilage; tolerates city conditions; does well in almost any urban area.
Picea orientalis Oriental Spruce	E	50' to 60'	20' to 30'	Pyramidal	X				X				X			Outstanding ornamental evergreen; needs protection from winter winds; low branching pattern restricts use.
Picea pungens Colorado Spruce	E	50' to 70'	20' to 30'	Pyramidal					X				X			Tolerates dry conditions better than other spruce; best used in large areas because of over-planting silvery-blue foilage color; not tolerant of salt or clay soils.
*Pinus echinata Short Leaf Pine	E	80' to 100'	25' to 35'	Pyramidal										X	X	
Pinus resinosa Red Pine	E	50' to 80'	20' to 40'	Pyramidal to Oval	X	X			X				X			Tolerates adverse conditions; does best farther north; develops a picturesque, symmetrical form with age.

^{* =} Native Species

A/LI LARGE TREES (OVE	7. 55			ARACTERI	STIC	9				DI AN	IT USE	2				PIABLE PLANT MATERIALS
		PLA	NI CHA	AKACIEKI	3116	<u>၁</u>			1	PLAN	II USE	ა 				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	НЕІСНТ	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Pinus strobus White Pine	E	50' to 80'	20' to 40'	Pyramidal					X				X	X		Soft, feathery appearance because of foilage, extremely intolerant of air pollution; one of most beautiful native pines.
Pinus thunbergii Japanese Black Pine	E	20' to 50'	Var.	Pyramidal to Irregular	X				X				X			Variable in size and spread; tolerates salt spray and poor soils.
*Platanus occidentalis American Sycamore	D	75' to 100'	75' to 100'	Irregular			X	8'+						X	X	Excellent floodplain tree.
Platanus x acerifolia London Planetree 'Bloodgood'	D	70' to 100'	60' to 80'	Pyramidal to Rounded	X		X	7'+	X	X						Tolerates adverse conditions; best used in large areas because of size; disease and insect problems can be serious.
*Prunus serotina Black Cherry	D	50' to 60'	25' to 30'	Oval										X	X	
*Quercus alba White Oak	D	60' to 100'	50' to 80'	Rounded	X	X	X	7'+	X	X	X			X	X	Drought resistant.
*Quercus bicolor Swamp White Oak	D	50' to 60'	50' to 50'	Rounded			X	7'+						X	X	Excellent floodplain tree.
*Quercus coccinea Scarlet Oak	D	70' to 75'	40' to 50'	Pyramidal to Rounded	X	X	X	7'+	X	X	X			X		Difficult to locate commercially; outstanding ornamental tree; somewhat difficult to transplant.
*Quercus falcata Southern Red Oak	D	70' to 80'	50' to 70'	Rounded			X							X	X	
*Quercus imbricaria Shingle Oak	D	50' to 60'	40' to 60'	Oval to Rounded	X	X	X	7'+	X	X	X			X	X	Nice tree when allowed room to develop; easier to transplant than most oaks; tolerates most adverse conditions.

A/LI LARGE TREES (OVE	7. 00			,	CTIC	<u>c</u>				DI AA	IT LIGE				JUL	PIABLE PLANT MATERIALS
		PLA	NI CHA	ARACTERI:	SIIC	<u>ခ</u>			ı	PLAN	IT USE	5				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	НЕІСНТ	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Quercus macrocarpa Bur Oak	D	70' to 80'	70' to 80'	Irregular										X	X	
*Quercus muehlenbergii Chinkapin Oak	D	70' to 80'	80' to 100'	Rounded	X	X	X	7'+	X	X	X			X	X	
*Quercus nigra Water Oak	D	50' to 80'	40' to 60'	Oval to Rounded	X	X	X	7'+	X	X	X			X	X	Used extensively in the South; adaptable to moist, wet sites; leaves persist into winter.
*Quercus palustris Pin Oak 'Crown Rite' 'Sovereign'	D	60' to 70'	25' to 40'	Pyramidal	Х									X	Х	Limited use to floodplain areas.
*Quercus phellos Willow Oak	D	40' to 60'	50' to 40'	Pyramidal to Oval	X	X	X	7'+	X	X	X			X	X	Very handsome tree; widely used in South; finer textured that other oaks.
Quercus robur English Oak 'Fastigata'	D	60' to 80'	50' to 60'	Pyramidal to Rounded	X		Х	7'+	X	X	X					Widely used in Europe; too large for most settings; tolerates high pH soils.
*Quercus rubra Northern Red Oak	D	60' to 75'	40' to 50'	Rounded	X	Х	X	7'+	X	X	X			Х	X	Widely used; fast growing oak; transplants easily; valuable for a variety of landscape uses.
*Quercus shumardii Shumard Oak	D	40' to 60'	40' to 50'	Rounded	X	X	X	7'+	X	X	X			X	X	Not widely known and difficult to find commercially. Excellent street tree.
*Robinia pseudoacacia Black Locust	D	30' to 80'	20' to 35'	Narrow Oblong										X	X	Excellent invasive for early successional forest stage, thorny.
*Sassafras albidum Sassafras	D	30' to 60'	25' to 40'	Rounded	X	X	X	4'+	X	X	X			X	X	May need to be limbed up for some uses.

^{* =} Native Species

A/LT LARGE TREES (OVE	1			•	CTIC					DLAN	T LICE				OOL	PIABLE PLANT MATERIALS
		PLA	NI CHA	ARACTERI	SIIC	5		1	1	PLAN	IT USE	5	1	T		
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	HEIGHT	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Stephanolobium japonicum (formerly Sophora japonica) Japanese Pagoda 'Princeton Upright'	D	50' to 70'	40' to 60'	Rounded	X		X	7'+	X	X	X					Excellent flowers; adaptable to moist conditions; good tree for a variety of uses; should be used more extensively.
*Taxodium distichum Bald Cypress 'Shawnee Brave'	D	50' to 70'	20' to 30'	Pyramidal	X	X			X	X	X			X	X	Often must be limbed up to meet ordinance requirements; intolerant of reflected heat and drought; handsome specimen tree.
*Thuja occidentalis American Arborvatae	E	40' to 60'	10' to 15'	Pyramidal	X	X			X				X	X		Very dense evergreen; requires considerable atmospheric moisture; numerous cultivars but most are much smaller.
*Tilia americana American Basswood	D	60' to 80'	30' to 60'	Rounded			X	7'+	X					X	X	
Tilia cordata Littleleaf Linden 'Chancellor' 'Greenspire' 'June Bride'	D	60' to 70'	30' to 50'	Oval	X		X	7'+	X	X	X	X		X		
*Tilia heterophylla White Basswood	D	60' to 80'	30' to 60'	Rounded											X	
Tilia tomentosa Silver Linden	D	50' to 70'	30' to 50'	Oval to Rounded	X		X	5'+	X	X	X	X		X	X	
*Tsuga canadensis Eastern Hemlock	E	40' to 70'	25' to 35'	Pyramidal					X				X	X	X	Very dense, low-branched evergreen; responds well to pruning; sensitive to drought and polluted environments.
Tsuga caroliniana Carolina Hemlock	E	45' to 60'	20' to 25'	Pyramidal	X				X				X			Tolerates city conditions better than T. canadensis; intolerant of drought conditions; not well known.

^{* =} Native Species

A/LT LARGE TREES (Over 50 Feet in Height)

ACCEPTABLE PLANT MATERIALS

		PLA	NT CH	ARACTERI	STIC	S				PLAN	IT USE	S				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	HEIGHT	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Ulmus americana American Elm Must be hybrid resistant to Dutch Elm Disease	D	60' to 80'	40' to 55'				X	7'+	X	X	X			X	X	Use only hybrids resistant to Dutch Elm Disease.
*Ulmus rubra Slippery Elm	D	40' to 60'	25' to 40'	Vase										X	X	Excellent streamside tree.
Zelkova serrata Japanese Zelkova 'Village Green'	D	50' to 80'	40' to 70'	Vase- shaped	X		X	7'+	X	X	X	X				Outstanding ornamental tree; has been used as a replacement for American Elm; tolerates wind and drought; excellent street tree; needs timely pruning.

D/III				CHARACTE	RISTIC	cs				PLAN1	Γ USES	;				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	НЕІСНТ	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Acer campestre Hedge Maple	D	25' to 35'	25' to 35'	Rounded	X	X	X	5'+	X	X	X			X		Excellent medium-size tree; useful in areas where space is limited; attractive dark green foliage.
*Acer rubrum Red Maple 'Armstrong' 'Autumn Flame' 'Columnar' 'October Glory' 'Red Sunset' 'Scarlet Sentinel'	D	40' to 60'	40' to 50'	Oval			X	5'+	X	X	x	X		X	X	Numerous cultivars are superior to the straight species and should be considered for use. Requires room to develop; won't tolerate heavily polluted urban streets.
*Amelanchier arborea Downy Serviceberry	D	15' to 25'	10' to 15'	Rounded			X	5'+	X	X			X	X		Does best in a naturalistic planting. Only single trunks allowed for street trees.
*Carpinus caroliniana American Hornbeam	D	20' to 30'	20' to 30'	Rounded		X			X	X	X			X	X	Does best in partial shade; often must be limbed up to meet ordinance requirements; requires moist, well drained soils; interesting native tree.
*Cladratis kentukea Yellowwood	D	30' to 50'	40' to 50'	Vase- Shaped			X	5'+	X	X	X			X	X	Excellent flowers and foliage; tolerates moist soil conditions; poor branching angles often require corrective pruning.
Corylus colurna Turkish Filbert	D	40' to 50'	20' to 30'	Pyramidal	X		X	5'+	X	X	X					Favorite Japanese Beetle food.
*Gleditsia triacanthos var. inermis Thornless Honey Locust 'Moriane' 'Shademaster' 'Skyline' 'Sunburst'	D	30' to 50'	30' to 50'	Rounded	X		X	5'+	X	X	X			X		Only thornless cultivars are acceptable; Cultivars have less disease and insect problems than straight species; provides a light, filtered shade; widely used.

D/MT MEDIOM TIVEEO (EV				CHARACTE	RISTIC	CS				PLANT	USES	;				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	HEIGHT	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Halesia tetraptera (formerly carolina) Carolina Silverbell	D	30' to 40'	20' to 35'	Oval to Rounded		X	X	5'+	X	X	X			X		Prefers rich, well drained, acid soils; intolerant of adverse conditions; often must be limbed up to meet ordinance.
*Ilex opaca American Holly	E	40' to 50'	18' to 40'	Pyramidal to Irregular					X				X	X	X	Needs sheltered location; some leaf minor problems; need male and female for fruit. Normally 20' to 30' in height; can be used as a large screen; must be limbed up to meet most ordinance requirements.
llex pedunculosa Longstalk Holly	E	20' to 30'	10' to 15'	Dense, Rounded	X	X			X	X			X	X		One of the hardiest red fruiting holly.
*Juniperus virginiana Eastern Redcedar	E	40' to 50'	10' to 20'	Pyramidal	X	x			X				X	X		Can be used as a screen between conflicting land uses; cultivars are superior to straight species, but most are smaller in size; best used in large areas; doesn't meet other ordinance requirements because of low branching pattern.
Koelreuteria paniculata Goldenraintree	D	30' to 40'	30' to 40'	Rounded	X	X	X	5'+	X	X	X			X		Beautiful dense tree; tolerates most adverse conditions; excellent late yellow flowers; somewhat weak wooded but can be used as a street tree.
*Maclura pomifera Osage-Orange	D	20' to 40'	20' to 40'	Rounded										X	X	Wood is very decay resistant.
*Nyssa sylvatica Black Gum, Tupelo	D	30' to 50'	20' to 30'	Oval to Rounded	Х	X	X	5'+	X	Х	Х	X		X	X	One of the most beautiful native trees; intolerant of high pH soils difficult to transplant.
*Ostrya virginiana Hophornbeam	D	25' to 40'	20' to 30'	Rounded	X	X	X	5'+	X	X	X	X		X	X	Good tree where space is limited; somewhat slow to establish; occasionally must be limbed up.

Dimi mediam intera (2)				CHARACTE	RISTIC	CS				PLANT	USES	;				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Oxydendrum arboreum Sourwood	D	25' to 30'	20' to 25'	Pyramidal					X	X	X			X		Requires rich, acid soils; attractive in all seasons; somewhat difficult to transplant.
Parrotia persica Persian Parrotia	D	20' to 40'	15' to 30'	Oval	X	X	X	5'+	X	X	X					Outstanding bark and foilage color; excellent for a variety of uses although not very well known.
Phellodendron amurense Cork Tree	D	30' to 45'	30' to 40'	Rounded	X	X			X	X	Х			X		Very adaptable, withstands most adverse conditions; useful in largest settings; picturesque appearance.
Pinus cembra Swiss Stone Pine	E	30' to 40'	15' to 25'	Pyramidal	X				X	X	X					Handsome evergreen; slow growth rate limits use; requires an open area with good air movement; transplants easier than most pines.
Pinus parviflora Japanese White Pine	D	25' to 50'	25' to 50'	Rounded	X				X				X			Develops a low-branched, wide- spreading form; tolerates most soils; good tree for small areas, slow growth rate.
*Pinus virginiana Virginia or Scrub Pine	E	15' to 40'	10' to 30'	Irregular Pyramidal										X	X	
Prunus sargentii Sargent Cherry 'Columnaris'	D	40' to 50'	30' to 50'	Rounded	X	X	X	5'+	X	X	X			X		Tolerant of adverse conditions; one of the best large cherries for ornamental use; fruit can be messy.
Prunus subhirtella Higan Cherry 'Autumnalis' var. pendula	D	20' to 40'	15' to 30'	Rounded	X	X	X	5'+	X	X	X					Variable in form and flower colors; striking when in flower; numerous cultivars.
Prunus yedoensis Yoshino Cherry	D	20' to 40'	20' to 40'	Rounded	X	X	X	5'+	X	X	X			X		Outstanding pinkish-white flowers; not common and could be hard to find commercially.
Quercus acutissima Sawtooth Oak	D	35' to 45'	30' to 40'	Rounded	X	X			X	X	X			X	X	Slow growth rate limits use; lustrous dark green foilage; not widely known but deserves more use.

ACCEPTABLE PLANT MATERIALS

		PL	ANT (CHARACTE	RISTIC	cs				PLAN1	USES	1				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	HEIGHT	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Quercus stellata Post Oak	D	40' to 50'	25' to 35'	Rounded										X	X	
Stewartia pseudo-camellia Japanese Stewartia	D	20' to 35'	20' to 30'	Oval		X			X	X	X					Superb specimen tree; requires rich, moist soils; difficult to transplant; hardiest of the stewartias; hard to find commercially.
Syringa reticulata Japanese Tree Lilac	D	20' to 30'	15' to 25'	Oval	X	X	X	5'+	X	X	X			X		Most trouble-free lilac; more adaptable than other lilacs; spectacular white flower display.
Tilia x euchlora Crimean Linden 'Redmond'	D	40' to 60'	20' to 30'	Oval	X	X	X	7'+	X	X	X	X				
<u>*Ulmus alata</u> Winged Elm	D	30' to 40'	20' to 30'	Rounded										X	X	Often infected with powdery mildew.
Ulmus parvifolia Lacebark Elm	D	40' to 50'	40' to 50'	Rounded	X	X	X	7'+	X	X	X			X		Resistant to Dutch Elm disease; often confused with <u>U. pumila</u> , but is a much superior ornamental tree.

O/LOT LARGE GIIROD GI				CHARACTE						PLAN	NT USE	S				TABLET LAW MATERIALS
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Acer tataricum var. ginnala Amur Maple	D	15' to 18'	15' to 20'	Rounded	X	X	X	7'+	X	X	X			X	X	Handsome multi-stemmed shrub tree; withstands heavy pruning inconsistent fall color; very adaptable.
Acer palmatum Japanese Maple 'Atropurpureum' 'Bloodgood' 'Burgundy Lace' 'Crispum'	D	15' to 25'	15' to 25'	Rounded					X	X	X					Outstanding ornamental tree; frequently used because of slow growth and need for winter protection; recommended for private use.
*Acer pensylvanicum Striped Maple	D	15' to 20'	12' to 20'	Rounded		X			X	X	Х			X		Shrub or tree form prefers partial shade; intolerant of adverse conditions; lovely white striped bark.
Aesculus parviflora Bottlebrush Buckeye	D	8' to 12'	8' to 15'	Rounded		X							X	X	X	Excellent multi-stemmed shrub for shady areas; dense, compact forms are superb screens, but they require adequate room; can be kept much smaller.
*Aesculus pavia Red Buckeye	D	10' to 20'	10' to 20'	Rounded	X	X			X	X			X	X	X	
*Alnus serrulata Tag Alder	D	15' to 25'	10' to 20'	Rounded	Х	Х			X	Х			X	Х	X	Excellent for use along stream banks and in poor soil areas.
Amelanchier canadensis Shadblow Serviceberry	D	10' to 20'	10' to 20'	Rounded		X							X	X	X	Dense, upright shrub with erect stems tolerates wet soil better than other serviceberries; use as screen if planted close together.
*Amelanchier laevis Allegheny Serviceberry	D	15' to 25'	15' to 25'	Rounded		X	X	7'+	X	X	X			X	X	Attractive multi-stemmed tree; often must be limbed up to meet ordinance requirements; possible use in sight triangle if single-stemmed forms are selected.
*Asimina triloba Pawpaw	D	15' to 20'	15' to 20'	Rounded	X	X			X	X			X	X	X	Aggressive competitor. Excellent for use in stream areas.

^{* =} Native Species

		PL	ANT (CHARACTE	RISTIC	CS				PLAN	IT USE	S				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Cercis candensis Eastern Redbud 'Flame' 'Forest Pansy' 'Royal'	D	20' to 25'	20' to 30'	Rounded	X	X	X	7'+	X	X	X			X	X	Excellent native tree; graceful ascending branches, normally must be limbed up to meet ordinance requirements; showy pink-purple flowers.
*Chionanthus virginicus White Fringetree	D	15' to 30'	15' to 30'	Broadly Rounded	X	X	Х	7'+	X	X	X		X	X		
*Cornus alternifolia Pagoda Dogwood	D	15' to 25'	20' to 30'	Rounded	X	X			X	X	X			X	X	Low branched tree or shrub; interesting horizontal branching; must be limbed up to meet ordinance requirements.
*Cornus florida Flowering Dogwood 'Cherokee Chief' 'Cherokee Princess' var. rubra 'White Cloud'	D	20' to 25'	20' to 30'	Rounded		X	X	7'+	X	X	X			X	X	Excellent low branched ornamental tree; must be limbed up to meet ordinance requirements; spectacular when flowering; recommended for private use.
Cornus Kousa Kousa Dogwood 'Milky Way'	D	15' to 20'	15' to 20'	Rounded		X	X	7'+	X	X	X		X	X	X	Possibly use if limbed up, but naturally develops a low branching structure; recommended for private use.
Cornus mas Corneliancherry-Dogwood	D	20' to 25'	15' to 20'	Oval to Rounded	X	X			X	X	X		X	Х		Usually branches to ground; possible if limbed up; attractive yellow flower display; recommended for private use.
*Crataegus crusgalli Cockspur Hawthorn	D	20' to 25'	20' to 30'	Rounded	X				X				X	X		Dense, low-branched tree; numerous long, sharp thorns; excellent screen and barrier plant.
Crataegus phaenopyrum Washington Hawthorn	D	20' to 30'	20' to 25'	Oval to Rounded	X					X			X	X	X	Dense, thorny tree; thorns can limit use; often must be limbed up.

^{* =} Native Species 7 - 15

		PL	ANT (CHARACTE	RISTIC	CS				PLAN	IT USE	S				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Crataegus viridus Green Hawthorn 'Winter King'	D	20' to 30'	20' to 30'	Rounded	X				X	X	X		X	X		Dense, thorny tree; occasionally must be limbed up; excellent small specimen tree; thorns might limits its use.
Crataegus x lavallei Lavalle Hawthorn	D	15' to 25'	10' to 20'	Oval	X		X	7'+	X	X	X	X	X	X		Small dense tree, essentially thornless; normally must be limbed up to meet ordinance regulations; possible use in sight triangle if limbed up.
Euonymus alatus Winged Euonymus	D	15' to 25'	15' to 25'	Rounded	X	Х							X	X		Large broad shrub; excellent hedge and screen plant; can be kept much smaller with pruning; very adaptable; numerous smaller cultivars. Invasive.
*Euonymus atropurpureus Eastern Wahoo	D	12' to 24'	10' to 20'	Irregular	X				X	X			X	X	X	Susceptible to scale.
Forsythia x intermedia Border Forsythia	D	8' to 10'	10' to 12'	Rounded	X	X			X				X			Benefits from selective pruning of larger branches; can be kept smaller with pruning.
*Hamamelis virginiana Common Witchhazel	D	20' to 30'	20' to 25'	Rounded	X	X							X	X	X	
Hydrangea paniculata Panicle Hydrangea	D	15' to 25'	10' to 20'	Irregular	X								X	X	X	Should probably be reserved for large out of the way areas.
Ilex x attenuata 'Fosteri' Foster Holly	Е	10' to 20'	5' to 10'	Pyramidal	X	X			X				X	X		Dense, handsome evergreen; excellent year-round screen; possible winter damage.

^{* =} Native Species 7 - 16

C/LST LARGE SHRUB O	T			`			. <u> </u>								7001	PIABLE PLANT MATERIALS
		PL	ANT (CHARACTE	RISTIC	CS		•		PLAN	IT USE	S	ı	T	ı	
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Juniperus chinensis (Cult.) Chinese Juniper (Cult.) 'Hetzii' 'Keteleeri' 'Mint Julep' 'Mount Batten' 'Pfitzeriana' 'Robusta Green'	E	12' to 25'	Var.	Varied	X				X	X			X	X		Only cultivars are acceptable; uses depend on the size, shape, and growth habit of each cultivar; dense evergreen forms.
Magnolia stellata Star Magnolia	D	15' to 20'	10' to 15'	Rounded		X			X				X	X		Dense shrub-like form; good screen but needs ample room; needs winter protection; avoid southern exposure.
Magnolia virginiana Sweetbay Magnolia	D	10' to 20'	10' to 20'	Oval		X			X		X		X	X		Large multi-stemmed shrub; better in wet soils than other magnolias, possible use if central leader forms are used.
Magnolia x soulangiana Saucer Magnolia	D	20' 20 20'	20' to 30'	Rounded		X			X	X	X		x	X		Low-branched and normally must be limbed up to meet ordinance requirements although this destroys form; seldom used to meet landscaping requirements; but recommended highly for private use.
Malus (varieties) Crabapple 'Bob White' 'Coral Cascade' 'Dolgo' 'Harvest Gold' 'Red Jade' 'Red Swan' 'Snowdrift' 'Vanguard' 'White Angel'	D	10' to 25'	10' to 30'	Varied	x	x	x	7'+	X	X	X	X		x		Only disease and insect resistant cultivars are acceptable; possible use depends on branching height; often must be limbed up; valued for foilage; fruit, flowers, and variations in size and form; numerous cultivars and landscape numerous cultivars and landscape uses.
Philadelphus x virginalis Mockorange	D	10' to 15'	10' to 15'	Rounded	X	X				_				X		

^{* =} Native Species

C/L31 LANGE SHRUB OF	T			•						DLAN	NT USE				7.00.	FIABLE FLANT MATERIALS
		PL.	ANI (CHARACTE	KISII	<u>၂</u> ၁		1	I	PLAN	NI USE	<u>ა</u>	1	1		
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Pinus densiflora Japanese Red Pine 'Oculus – draconis' 'Umbraculifera'	E	10' to 15'	10' to 15'	Rounded	X				X				X			Only cultivars are acceptable in this size group; dense evergreen form; slow growing; interesting small specimen trees.
Pinus mugo Mugho Pine	E	15' to 20'	20' to 30'	Varied	X								X			Variable in form, although normally low, and broad-spreading; can be pruned yearly to keep dwarf.
Platycladus orientalis Oriental Arborvitae	E	15' to 25'	10' to 12'	Pyramidal to Oval	X	X			X	X			X			Dense evergreen form; tolerates heat and adverse soils; needs wind protection.
*Prunus americana American Plum	D	15' to 25'	12' to 18'	Rounded									X	X	X	
Prunus angustifolia Chickasaw Plum	D	12' to 20'	15' to 20'	Rounded									X	X	X	
Prunus 'Hally Jolivette' Hally Jolivette Cherry	D	10' to 15'	10' to 15'	Rounded									x	X		Densely branched large shrub; attractive pinkish-white flowers; wide- spreading and requires ample room; seldom used as a landscape requirement but one of the nicest cherries.
Prunus serrulata (Cult.) Oriental Cherry (Cult.) 'Kwanzan' 'Shirofugen'	D	15' to 20'	15' to 20'	Vase- Shaped	X		X	7'+	X	X	X			X		Straight species is inferior and seldom used, but there are numerous outstanding cultivars; excellent flower display.
*Prunus virginiana Common Chokecherry	D	20' to 30'	18' to 25'	Rounded										X	X	
*Ptelea trifoliata Hoptree	D	15' to 20'	15' to 20'	Rounded	X	X			X	X			X	X		Does well in shade or sun.

^{* =} Native Species

O/LOT LARGE GIROD GI				CHARACTE			ĺ			PLAN	IT USE	S				TABLET LANT MATERIALS
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Rhamnus caroliniana Carolina Buckthorn	D	10' to 25'	10' to 25'	Oval	X	X			X	X			X	X		
*Rhus typhina Staghorn Sumac	D	15' to 25'	15' to 25'	Spreading	X	X			X	X			X	X		
*Robinia hispida Bristly Locust	D	6' to 20'	6' to 20'	Spreading										X	X	
*Staphylea trifolia American Bladdernut	D	10' to 15'	5' to 10'	Upright	X	X								X	X	Prefers damp, most, well-drained soils.
Taxus cuspidata (Cult.) Japanese Yew (Cult.) 'Capitada' 'Intermedia' 'Nana' 'Thayen'	E	10' to 20'	10' to 30'	Varied	X	X			X				X			Only cultivars are acceptable for this group; responds well to pruning and can be kept much smaller than size listed; excellent dense hedges.
Viburnum lentago Nannyberry	D	15' to 18'	6' to 10'	Rounded	X	х			X	X			X	X		
<u>Viburnum opulus</u> Cranberrybush Viburnum	D	8' to 10'	10' to 15'	Oval to Rounded	X				X	X			X	X	X	Attractive fruit and flower display; very common viburnum and one of the most popular; good screen for large areas.
*Viburnum prunifolium Blackhaw Viburnum	D	12' to 15'	8' to 12'	Rounded	X	X			X	X		_	X	X	X	
Viburnum rhytidophyllum Leatherleaf Viburnum	Е	10' to 15'	10' to 15'	Rounded	X	X							X	X	X	Blends well with other evergreens; tolerates heavy shade; best used in large areas.

C/LST LARGE SHRUB OR SMALL TREE (10 TO 25 Feet in Height)

ACCEPTABLE PLANT MATERIALS

		PL	ANT (CHARACTE	RISTIC	CS				PLAN	NT USE	S				
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	STREET TREE	RECOMMENDED PLANTING STRIP WIDTH	PROPERTY PERIMETER	VEHICULAR USE AREA PERIMETER	VEHICULAR USE AREA INTERIOR	SIGHT TRIANGLE	SCREENING	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
*Viburnum rufidulum Southern or Rusty Blackhaw	D	12' to 15'	8' to 12'	Rounded	X	X			X	X			X	X	X	
Viburnum sieboldii Siebold Viburnum	D	15' to 20'	10' to 15'	Rounded	X	X			X				X	X	X	Large, coarse shrub; requires ample moisture; best used in large areas.
Viburnum trilobum American Cranberrybush	D	8' to 12'	8' to 12'	Rounded	X	X			X	X			X	X	X	Multi-stemmed shrub; transplants easily; needs well drained moist soil, good screen for large areas.

			PLAN	IT CHARA	CTERI	STICS			PI	LANT	USE	S			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Acanthopanax sieboldian Fiveleaf Aralia	D	8' to 10'	8' to 10'	Rounded	X	X	Dense	X	X	X					Erect shrub with arching branching; extremely adaptable; numerous sharp-pointed thorns that are effective for stopping circulation.
*Aronia arbutifolia Red Chokeberry	О	6' to 10'	3' to 5'	Oval to Columnar	X	X	Inter- Mediate	X	X	X				X	Somewhat leggy, develops a rounded crown; requires a low facer plant to be effective for screening; must be planted closely together to achieve required density.
*Aronia melanocarpa Black Chokeberry	D	3' to 5'	3' to 5'	Rounded	X	X	Open	X	X	X			X	X	Tends to sucker profusely and forms large colonies.
Berberis julianae Wintergreen Barbarry	D	6' to 10'	6' to 10'	Columnar to Rounded	X	X	Dense	X	X	X				X	Semi-evergreen; numerous small thorns; excellent screen or barrier plant; hardiness is sometimes a problem.
*Calycanthus floridus Carolina Allspice	D	6' to 9'	6' to 12'	Rounded	X	X	Dense	X	X	X			X	X	Very fragrant flowers with a sweet strawberry scent; adaptable; does well in shade.
*Cephalanthus occidentalis Buttonbush	D	3' to 6'	3' to 6'	Rounded		X	Open						X	X	Best reserved for moist areas in a naturalized situation.
Chaenomeles speciosa Flowering Quince	D	6' to 10'	6' to 10'	Rounded	X		Dense	X	X	X					Dense, twiggy form with spiny branches; used mainly because of flower display; good barrier plant.

			PLAN	NT CHARA	CTER	ISTICS			P	LANT	USE	S			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	НЕІСНТ	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Chamecyparis pisifera Sawara falselyparis 'Cyano-virdis' 'Filifera' 'Filifera Aurea' 'Plumosa' 'Plumosa Aurea' 'Squarrosa'	Е	6' to 8'	6' to 7'	Varied		x	Very Dense	x	x	X					Only cultivars are acceptable for this size group; numerous out- standing cultivars; all prefer moist, humid conditions; large variety of forms, colors, and textures.
*Cornus amomum Silky Dogwood	D	6' to 10'	6' to 10'	Rounded		X	Open						X	X	Best used for naturalizing in moist and net soils; prefers partially shaded areas.
Cornus serica Redosier Dogwood	D	7' to 9'	10'+	Rounded	X		Open	X	X	X			X	X	Very adaptable; twig blight can be a problem.
Cotoneaster lucidus Hedge Cotoneaster	D	5' to 10'	6' to 10'	Rounded	X	X	Dense	Х	Х	X					Frequently used as a hedge; handsome dark green foilage; vigorous, durable shrub.
Cotoneaster multiflora Many flowered Cotoneaster	D	8' to 12'	12' to 15'	Rounded	X	X	Dense	X	X	X					Develops a fountain-like appearance; somewhat difficult to transplant; attractive white flowers; requires room to develop.
Euonymus alatus (Cultivar) Winged Euonymus 'Compacta'	D	6' to 8'	6' to 8'	Rounded	X	X	Dense	X	X	X					Develops to a larger size than most people expect, but much more compact than straight species; excellent hedge.
Forsythia suspensa Weeping Forsythia	D	8' to 10'	10' to 15'	Fountain- like	X	X	Dense	X		X					Branches can be trained along a wall, fence or other structure.
Fothergilla major Larger Fothergilla	D	6' to 10'	5' to 8'	Pyramidal to Rounded		X	Dense	X	X	X					Requires acid soil and good drainage; attractive dark green foilage.
Hamamelis vernalis Vernal Witchhazel	D	6' to 10'	6' to 10'	Rounded	X	X	Dense	X	X	X				X	Neat, multi-stemmed form, smallest witchhazel; durable, adaptable plant; flowers early.

7 - 22

^{* =} Native Species

				IT CHARA	CTERI	STICS			PI	LANT	USE	S			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
llex crenata Japanese Holly 'Convexa' 'Microphylla' 'Rotundifolia'	Ш	5' to 8'	5' to 8'	Rounded	X	X	Dense		X						Slow growth rate limits use as a large screen; possible winter damage depending on cultivar; best used as a low shrub or hedge.
Ilex glabra Inkberry	D	6' to 8'	8; to 10'	Oval to Rounded	X	X	Dense		X						Becomes somewhat open with age, but responds well to heavy pruning; slow growth rate; many uses.
*Ilex verticillata Winterberry	D	6' to 9'	6' to 9'	Oval to Rounded	X	X	Dense	X	X	X	X		X	X	Excellent for wet areas; requires both male and female plant for fruit; prefers rich acid soils; slow growing.
Ilex x meserve Meserve Holly 'Blue Angel' 'Blue Prince' 'Blue Princess'	E	6' to 10'	6' to 10'	Varied	X	X	Dense	X	X	X					Shrubby evergreen form; seldom any winter damage; one of the hardiest and most ornamental holly; can be kept smaller by pruning.
*Juniperus communis Common Juniper	E	5' to 10'	8' to 12'	Varied	X		Dense	X						X	Attractive to wildlife, excellent for songbirds, cover and screen.
*Kalmia latifolia Mountain-laurel	E	7' to 10'	7' to 10'	Rounded			Dense		X				X		Can grow to 30' in farther south; handsome broadleaf evergreen; requires rich, moist, acid soil, somewhat difficult to grow.
*Lindera benzoin Spicebush	D	6' to 12'	6' to 12'	Rounded	X	X	Dense	Х	Х	X			X	X	Forage for wildlife, excellent open space selection.
Lonicera fragrantissima Fragrant Honeysuckle	D	6' to 10'	6' to 10'	Rounded	X		Dense	X	X	X					Tangled mass of branches; good hedge; very adaptable; fragrant white flowers.
Myrica pensylvanica Northern Bayberry	D	5' to 12'	5' to 12'	Rounded	X	X	Dense	X	X	X					Semi-evergreen; extremely adaptable; combines well with broadleaf evergreens; many uses.

^{* =} Native Species

			PLAN	IT CHARA	CTERI	STICS			PI	LANT	USE:	S			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Pieris japonica Japanese Pieris	Е	9' to 12'	6' to 8'	Oval			Dense	x	X	X					Broadleaf evergreen; requires rich, moist, acid soil; difficult to grow; requires winter protection; highly recommended for use with other broadleaf evergreens; should only be used in protected areas.
Rhaminus frangula Cult. Glossy Buckthorn 'Columnaris'	D	8' to 12'	8' to 12'	Columnar to Oval			Dense	X	X	X					Popular as a tall, narrow hedge; straight species is unacceptable; intolerant of compacted soil.
Rhododendron (Varieties) Rhododendron (Var.)	E	Var.	Var.	Varied			Dense	X	X	X					Requires shade and protection from winter and wind damage; excellent plant where it will grow; blends well with other broadleaf evergreens.
*Sambucus canadensis American Elder	D	Var.	Var.	Spreading	X	X	Open						X	X	Best used in naturalized areas.
Taxus x media Anglojap Yew 'Brownii' 'Chadwickii' 'Densiformis' 'Hatfieldii' 'Hicksii' 'Wardii'	E	5' to 12'	Var.	Varied	X	x	Very Dense	x	x	X				X	Can eventually grow to 10' tall if not pruned; responds extremely well to pruning and can be kept as low as 2' to 3' tall indefinitely; makes and excellent hedge.
*Viburnum dentatum Arrowwood Viburnum	D	6' to 8'	6' to 12'	Rounded	X	X	Dense	X	Х	X				X	Most durable viburnum; not as attractive as most viburnums; good for a hedge; suckers freely and can become unkempt.
*Viburnum molle Kentucky Viburnum	D	8' to 12'	8' to 12'	Rounded	X	X	Dense	X	X	X				X	

			PLAN	IT CHARA	CTER	ISTICS			Р	LANT	USE	S			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	НЕІСНТ	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Viburnum plicatum var. tomentosum Cranberrybush Viburnum	D	8' to 12'	9' to 12'	Rounded	X	X	Dense	Х	X	X			Х		Interesting horizontal branchings, adaptable; outstanding flower display; excellent screen for large areas.
<u>Viburnum x burkwoodii</u> Burkwood Viburnum	D	8' to 10'	6' to 8'	Oval to Rounded	X	X	Inter- mediate	X	X	X					Blends well with broadleaf evergreens; somewhat unkempt in appearance and usually requires pruning; very fragrant flowers.

E/SS SMALL SHRUBS (4 to 6 Feet in Height)

ACCEPTABLE PLANT MATERIALS

E/SS SMALL SHRUBS (4	10 6	ree											A	CCEP	TABLE PLANT MATERIALS
		•	PL	ANT CHARACT	TERIS	TICS			P	LANT	USE	S			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Berberis Koreana Korean Barberry	D	4' to 6'	3' to 5'	Oval	X	X	Very Dense		X						Multi-stemmes form; suckers profusely and can become unkempt with age; size limits its use; excellent as a barrier.
Berberis thunbergii Japanese Barberry	D	4' to 5'	5' to 7'	Columnar to Rounded	X	X	Dense		X						This popular barberry withstands drought conditions; excellent screen or hedge, many smaller cultivars deserve use.
Berberis x mentorensis Mentor Barberry	D	5' to 7'	5' to 7'	Columnar	x	X	Dense	X	X	X					Semi-evergreen; withstands cold and hot conditions better than other barberries; outstanding hedge because of uniform growth rate; size limits use.
Chamaecyparis obtusa (cultivar) Hinoki Falsecypress 'Compacta' 'Grachs' 'Nana Gracillis'	E	5' to 7'	5' to 7'	Rounded		X	Very Dense		X						Straight species can grow to 60' or more in height; only cultivars are acceptable; thick, dark green foliage.
Clethra alnifolia Summersweet Clethra	D	5' to 7'	5' to 7'	Oval to Rounded	X	X	Dense		X						Good shrub for wet areas; attractive, fragrant flowers appears late in summer; very clean.
*Leucothoe fontanesiana Drooping Leucothoe	E	5' to 7'	5' to 7'	Weeping		X	Inter- mediate		X						Fountain-like appearance; intolerant of drought or winds; good undergrowth plant; broadleaf evergreen.
Pinus mugho (Cultivar) Mugho Pine (Cult.) 'Compacta' var. mugho 'Slavinii'	E	5' to 7'	5' to 7'	Varied	X		Very Dense		X						Slow-growing; cultivars seldom become large enough to meet some landscape screening requirements; excellent low evergreen screens.

^{* =} Native Species

E/SS SMALL SHRUBS (4 to 6 Feet in Height)

ACCEPTABLE PLANT MATERIALS

			PL	ANT CHARACT	TERIS	TICS			Р	LANT	USE	S			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Rhodotypos scandens Jetbead	D	3' to 6'	4' to 9'	Rounded	X	X	Inter		X						Tough, durable plant withstanding most adverse conditions; good selection where other plants have trouble growing.
*Rhus aromatica Fragrant Sumac	D	3' to 6'	6' to 10'	Spreading	X	X	Dense		X						Size can vary; develops into a low, spreading mound; good plant for difficult sites.
Ribes alpinum Alpine Currant	D	3' to 6'	6' to 9'	Rounded	X		Dense		X						Responds well to pruning and makes an excellent hedge; tolerant to adverse conditions.

•			PLAN	T CHARAC	TERIS	ΓICS				PLAN	T USE	ES			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Abelia x grandiflora Glossy Abelia	D	3' to 5'	3' to 5'	Rounded to Wide- Spreading	X	X	Dense		X						Often killed back in severe winters unless protected; handsome pink flower display; blends well with broadleaf evergreens; limited hardiness.
Abeliophyllum distichum Korean Abelialeaf	D	3' to 5'	3' to 4'	Rounded to Wide- Spreading	X	X	Inter- mediate		X						Excellent early spring flower display; requires winter protection.
Berberis thunbergii Japanese Barberry 'Crimson Pgymy'	D	3' to 5'	4' to 7'	Rounded	X	X	Very Dense		X						Good hedge or barrier; numerous sharp, spiny thorns; 'Crimson Pygmy' seldom gets above 2-1/2' in height; very adaptable.
Berberis verruculosa Warty Barberry	D	3' to 5'	3' to 6'	Rounded to Wide- Spreading	X	X	Dense		X					X	Excellent low barrier or screen; lustrous, dark green foilage; possible winter damage if not protected.
Buxus microphylla Littleleaf Boxwood 'Compacta' var. koreana 'Tide Hill' 'Wintergreen'	E	3' to 4'	3' to 4'	Rounded	X		Very Dense		X						Handsome, compact evergreen; protect from drying winds and very low temperatures; excellent hedge or screening.
*Ceanothus americanus New Jersey Tea	D	3' to 4'	3' to 5'	Rounded										X	
Cotoneaster horizontalis Rock Cotoneaster	D	2' to 3'	5' to 8'	Wide- Spreading	Х	X	Dense					X			Flat and wide-spreading; excellent ground cover for a large area.
Deutzia gracilis Slender Deutzia	D	2' to 4'	3' to 4'	Rounded	X	X	Inter- mediate		X						Very adaptable; best of the Deutzias; good flower display; use as a low hedge or screen.

^{* =} Native Species

1720 2011 0111(020 (1 111				T CHARAC	TERIS	TICS				PLAN	T USE	ES			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	НЕІСНТ	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
<u>Fothergilla gardenii</u> Dwarf Fothergilla	D	2' to 4'	3' to 4'	Rounded		X	Inter- Mediate		X						Requires moist, acid soils; handsome flowers and foilage; possible for a variety of uses.
*Hypericum frondosum Golden St. Johnswort	D	3' to 4'	3' to 4'	Upright		X	Inter- mediate		Х				X	X	Excellent for filter strip along stream.
*Hypericum prolificum Shrubby St. Johnswort	D	2' to 4'	2' to 4'	Rounded	X	X	Dense		X					X	Tolerates a variety of adverse conditions; attractive bright yellow flowers add color in summer.
Ilex crenata Japanese Holly 'Glory' 'Green Luster' 'Helleri' 'Hetzi'	Е	2' to 4'	2' to 4'	Rounded to Spreading		x	Dense		X			x			Straight species is too large for this size group, numerous outstanding evergreen cultivars; possible need for winter protection depending on cultivar; excellent for a variety of uses.
Juniperus chinensis var. sargentii Sargents Chinese-Juniper	Е	1-1/2' to 2-1/2'	7' to 9'	Wide- Spreading	X	X	Very Dense					X			One of the most adaptable junipers; salt-tolerant and blight resistant; excellent evergreen ground cover.
Juniperus horizontalis Creeping Juniper 'Plumosa' 'Plumosa Compacta' "Youngstown'	E	2' to 2-1/2'	6' to 10'	Wide- Spreading	X	x	Very Dense					X			Compact evergreen form; one of most popular junipers.
Picea abies Norway Spruce 'Nidiformis'	Е	3' to 5'	4' to 5'	Rounded to Wide- Spreading			Very Dense		X						Straight species is too large for this size group; handsome birds nest shaped evergreen.
Potentilla fruticosa Bush Cinquefoil 'Farreri' 'Moonlight'	D	1' to 4'	2' to 4'	Rounded	X	X	Inter- mediate		X						Graceful, refined appearance; requires pruning every 2 to 3 years to keep from becoming straggly; handsome low shrub.

^{* =} Native Species

F/LS LOW SHRUBS (1-1/2 to 4 Feet in Height)

ACCEPTABLE PLANT MATERIALS

			PLAN	T CHARAC	TERIST	rics				PLAN	T USE	ES			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	HEIGHT	SPREAD	FROM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	TREE PROTECTION ORDINANCE	OPEN SPACE USE	COMMENTS
Prunus laurocerasus Common Laurelcherry 'Otto Luyken' 'Rotundifolia' 'Zabeliana'	E	3' to 6'	3' to 6'	Rounded to Wide- Spreading			Dense		Х						Broadleaf evergreen shrub; possible winter damage; handsome when used as a hedge; withstands pruning well.
Spiraea x bumalda Bumalda Spirea 'Anthony Watereri'	D	2' to 3'	3' to 5'	Rounded to Wide- Spreading	X		Dense		X						Often used as a facer plant for tall, leggy screens; tolerates all but wet soils.
Taxus baccata English Yew 'Repandens'	E	2' to 4'	3' to 5'	Rounded to Wide- Spreading	X	X	Very Dense		X						Straight species exhibits frequent winter damage; 'Repandens' is a dwarf cultivar and is hardy.

* = Native Species

			PLAN	T CHARAC	TERIST	rics			PL/	ANT U	SES			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	GRENSPACE USE	COMMENTS
Ajuga genevensis Geneva Bugle	Е	4" to 12"	Var- iable	Wide- Spreading	X	X	Dense				X	X		Tolerates sun or shade; evergreen; easily crushed if walked on.
Ajuga reptans Carpet Bugle	Е	4" to 12"	Var- iable	Wide- Spreading	X	X	Dense				X	X		Very adaptable; numerous outstanding cultivars; excellent evergreen ground cover.
Arctostaphylos uva-ursi Bearberry	D	6" to 12"	2' to 4'	Wide- Spreading	X	X	Dense				X	X		Thick, broad, evergreen mat; does best in poor sandy soils; excellent ground cover for adverse situations.
*Bignonia (Anisostichus) capreolata Crossvine	E	Var.	Var.	Climbing Vine	X	X	Inter- mediate				X	X		
Calluna vulgaris Scotch Heather	D	4" to 24"	2' to 3'	Wide- Spreading		X	Dense				X	X		Requires rich, acid soil; very exacting cultural requirements; only lower growing cultivars are acceptable for use in sight triangle; one of most beautiful ground covers.
*Campsis radicans Trumpetcreeper	D	Var.	Var.	Clinging Vine	X	X	Dense						X	Has a tendency to take over an area.
*Celastrus scandens American Bittersweet	D	Var.	Var.	Twining Vine	X	Х	Inter- mediate						X	
*Clematis virginiana Virginsbower	D	Var.	Var.	Climbing Vine	X	X	Inter- mediate				X	X		
Cotoneaster adpressa Creeping Cotoneaster 'Praecox'	D	12" to 18"	4' to 6'	Wide- Spreading	X	X	Inter- mediate				X	X		Handsome horizontal branching; roots where branches touch the soil.
Cotoneaster dammeri Bearberry cotoneaster 'Skogholm'	D	12" to 18"	6' to 8'	Wide- Spreading	X		Inter- mediate				X	X		Branches creep along the ground; vigorous and fast growing; excellent ground cover.
Erica carnea Spring Heath	D	6" to 18"	2' to 3'	Wide- Spreading	X		Dense				X	X		Seldom grows over 12" tall; fine textured evergreen ground cover; similar to C. vulgaris.

^{* =} Native Species

			PLAN	T CHARAC	TERIST	ГICS			PL	ANT U	SES			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	НЕІСНТ	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	GRENSPACE USE	COMMENTS
Forsythia viridissima Bronze Forsythia 'Bronxensis'	D	12" to 18"	2' to 3'	Rounded to Wide- Spreading	X	X	Inter- mediate				X	X		Straight species is too large for use; 'Bronxensis' is a dwarf cultivar; excellent foilage and early spring flowers.
*Gaylussacia brachycera Box Huckleberry	E	6" to 18"	Indef.	Dwarf Wide- Spreading	X	X	Dense				X	X		Requires acid, well-drained soil; full sun to partial shade.
Hedera Helix English Ivy	E	6" to 8"	Var.	Wide- Spreading Vine	X	X	Inter- mediate				X	X		Can be an evergreen vine or ground cover; tolerates heavy shade; excellent plant for a variety of uses.
Hypericum calycinum St. Johnswort	D	12" to 18"	18" to 24"	Rounded to Wide- Spreading	X	X	Inter- mediate				X	X	X	Experiences frequent winter damage; semi-evergreen depending on the weather.
Juniperus conferta Shore Juniper 'Blue Pacific' 'Emerald Sea'	E	12" to 18"	6' to 9'	Wide- Spreading	X	X	Very Dense				X	X		Possible winter damage; very adaptable; one of the most handsome juniper ground covers.
Juniperus horizontalis Creeping Juniper 'Bar Harbor' 'Blue Chip' 'Blue Mat' 'Douglasi' 'Procumbens' 'Wiltoni'	E	12" to 24"	4' to 8'	Wide- Spreading	X	X	Very Dense				X	X		Only lowest cultivars are acceptable for use in sight triangle; very adaptable; excellent for any dry, sunny area; numerous outstanding cultivars.
Juniperus sabina Savin Juniper 'Arcadia' 'Broadmoor' var. tamariscifolia	E	12" to 18"	3' to 5'	Wide- Spreading	X	Х	Very Dense				X	X		Straight species is of little value, but numerous outstanding cultivars; withstands adverse conditions.
Liriope muscari Liriope	Е	12" to 18"	Var.	Wide- Spreading	X	X	Inter- mediate				X	X		Tolerates almost any type of adverse condition; attractive, fine-textured grass-like appearance.

^{* =} Native Species

			PLAN	T CHARAC	TERIS	ГICS			PL	ANT U	SES			
SCIENTIFIC NAME Common Name 'Cultivar'	PLANT TYPE	неіснт	SPREAD	FORM	URBAN TOLERANT	DISEASE AND INSECT TOLERANT	DENSITY	PERIMETER PROPERTY SCREENING	VEHICULAR USE PERIMETER SCREENING	SERVICE AREA SCREENING	SIGHT TRIANGLE	GROUND COVER	GRENSPACE USE	COMMENTS
<u>*Lonicera sempervirens</u> Trumpet Honeysuckle	D	Var.	Var.	Twining Vine	X	X	Inter- mediate				X	X		
*Pachistima canbyi Pachistima (Mountain Lover)	Е	4" to 12"	Var.	Wide- Spreading	X	X	Inter- mediate				X	X	X	
Pachysandra terminalis Japanese Spurge	Е	0" to 10"	Var.	Wide- Spreading	X	Х	Inter- mediate				X	X		
Parthenocissus tricuspidata Boston Ivy	Е	4" to 6"	2.5' to 3.5'	Wide- Spreading Vine	X	X	Inter- mediate				X	X		Fast growing evergreen vine; likes partial shade and will cling to wall and fences.
Rosa wichuriana Memorial Rose	D	12" to	Var. to	Wide- Spreading	X	X	Inter- mediate				X	X		Semi-evergreen ground cover or vine; excellent for preventing soil erosion.
Spiraea japonica var. alpine	D	8" to 12"	2' to 3'	Rounded to Wide- Spreading	X		Inter- mediate				X	X		Very fast growing delicate, fine-textured plant; handsome pink flowers.
Thymus serphyllus Mother-of-thyme	D	1" to 3"	Var.	Wide- Spreading	X	X	Inter- mediate				X	X		Often dies back in winter and is used as a perennial.
Vinca minor Periwinkle	D	3" to 6"	Var.	Wide- Spreading	X		Inter- mediate				X	X		Excellent evergreen ground cover; handsome lilac blue flowers.
Wisteria floribunda Japanese Wisteria	D	Var.	Var.		X	X	Inter- mediate				X	X		Needs ample support.
*Wisteria frutescens American Wisteria	D	Var.	Var.		X	X	Inter- mediate				X	X		
*Xanthorhiza simplicissima Yellowroot	D	12" to 24"	Var.	Wide- Spreading		X	Inter- mediate					X		Suckers freely from roots; good ground cover for moist areas.

^{* =} Native Species

HERBACEOUS COVER

RED – PINK FLOWERING SPECIES

SCIENTIFIC NAME Common Name	HEIGHT	BLOOM TIME	SUN	COLOR
Aquilegia canadensis Wild Columbine	1'-3'	May	Full or Partial	Red - Yellow
Cosmos bipinnata Pink Cosmos	2'-3'	June – October	Full	
Echinacea purpurea Purple Coneflower	3'-4'	July	Full	Pinkish-Purple, Rust Center
Eupatorium fistulosom Joe-Pye Weed	5'-10'	August – September	Full	Purple - Pink
Geranium maculatum Crane's Bill Geranium	2'	April – May	Full	Rose – Purple
Lavatera trimestris Rose Mallow	3'	June – July	Full	Pink
Liatria pycnostachya Prairie Blazing Star	2'-3'	July	Full	Deep Pink
Liatris squarrosa Blazing Star	1'-2'	July – August	Full	Purple - Pink
Lobelia cardinalis Cardinal Flower	3'	August	Partial	Brilliant Red
Lupinus perennis Lupine	2'			*
Paeonia Peony	2'	May	Full or Partial	Pink – White - Rose
Penstemon brevisepalu Short Sepal Beard – Tongue	15"-30"	May – June	Partial	Pale Pink-Purple
Phlox maculata Meadow Phlox	20"-30"	July	Full or Partial	Reddish - Purple
Phlox Paniculata Fall Phlox	3'-4'	July	Full or Partial	Bright Pink
Phlox pilosa Prairie Phlox	1'-2'	April – May	Full	Pink – Purple
Phlox subulata Creeping Phlox	6"-8"	April – May	Full or Partial	Pink – White - Mauve
Physostegia virginiana Obedient Plant	1'-3'	August – September	Full or Partial	Pink-Violet

HERBACEOUS COVER

RED – PINK FLOWERING SPECIES

SCIENTIFIC NAME Common Name	HEIGHT	BLOOM TIME	SUN	COLOR
Rosa carolina Pasture Rose	1'-3'	June	Full or Partial	Pink, Yellow Eye
Sabatia angularis Rose Gentian	2'	June – July	Partial	Rose – Pink
Saponaria officinalis Bounding Bet	1' - 2'	June - September	Full	Pink, White
<u>Silene caroliniana</u> Wild Pink	10" – 12"	May	Full or Partial	Bright Pink
Veronia altissima Ironweed	4' - 7'	August – September	Full	Deep Purple Red

HERBACEOUS COVER

BLUE-PURPLE SPECIES

SCIENTIFIC NAME Common Name	HEIGHT	BLOOM TIME	SUN	COLOR
Aster novae-ongliae	2'-6'	October	Full	Purple
New England Aster	2-0	October	Full	Pulpie
Aster shortii	2'-4'	September	Partial	Violet-Blue
Short's Aster	2 -4	September	Faillai	Violet-blue
Camassia scilloides	1'-2'	May	Partial	Pale Blue
Wild Hyacinth	1 -2	iviay	Failiai	raie blue
Campanula americana	2'-6'	July	Partial	Blue
Tall Bellflower	2 -0	July	Faitiai	bide
Campanula latifolia	3'	July	Partial	Blue
Giant Bellflower	3	July	Faitiai	bide
Centaurea cyanus	2'-3'	June – July	Sun	Blue
Cornflower	2-5	Julie – July	Juli	Dide
Cichorium intybus	1'-3'	June – September	Sun	Bright Blue
Chicory	1 9	Julie September	Guii	Bright Blue
Eupatorium coelestinum	1'-3'	August – October	Partial	Blue-Violet
Mistflower		August October	1 artial	Blue violet
Hesperis matronalis	1'-3'	May	Full or Partial	Purple, Lilac, Pink, White
Sweet Pocket		Widy	I dil ol I altial	T dipie, Eliae, i liik, vville
Liatria spicata	3'-6'	August – September	Full or Partial	Lavender
Spiked Gayfeather		, raguet Goptomio	. an or r artial	24.61.461
Lobelia siphilitica	2'-3'	August – September	Partial	Blue
Great Blue Lobelia	2 0	ragast Coptomisor		5.00
Mertensia virginica	2'	April	Partial	Blue
Virginia Bluebells	_	7 7		2.0.0
Monarda fistulosa	2'	July – August	Full	Lilac
Bee-Balm	_	out, ingue		
Phacelia bipinnatifida	1'-2'	April – May	Partial	Purple, Blue-Violet
Purple Phacelia				, , , , , , , , , , , , , , , , , , , ,
Phlox divaricata	1'-2'	April – May		Blue
Blue Phlox				
Polemonium reptans	10"-15"	April	Partial	Blue, Blue-Violet
Jacob's Ladder		'		,
Salvia azurea	1'	July - September	Full	Blue
Blue Sage		'		
Tradescantia subaspera	2'-4'	June	Partial	Purple
Zigzag Spiderwort				
Tradescantia virginiana	6"-12'	June	Partial	Purple to Rose
Early Spiderwort				