

Site Design Standards

Recommended Street Tree & Buffer Plant Selections

SMALL TREES

<i>Crataegus viridis</i> 'Winter King'	Winter King Hawthorn	20-35' Ht.	Small Standard Form	Multi-colored bark, red ornamental fruit persist into winter
<i>Prunus x incam</i> 'Okame'	Okame Cherry	15-25' Ht.	Small Standard Form	Attractive reddish-bronze bark; pink flowers in early spring
<i>Syringa reticulata</i> 'Ivory Silk'	Ivory Silk Tree Lilac	20-25' Ht.	Small Standard Form	White flowers in mid-summer

MEDIUM TREES

<i>Carpinus caroliniana</i>	American Hornbeam	20-30' Ht.	Broad Umbrella Form	Round spreading; native; yellow to orange fall color; tolerant of soil compaction
<i>Gleditsia t. var. inermis</i> 'Imperial', 'Skyline', or 'Moraine'	Thornless Honey Locust	30-40' Ht.	Large Standard Form	Small, lightweight leaves; golden color in fall; produces light shade
<i>Ostrya virginiana</i>	American Hophornbeam	25-40' Ht.	Large Standard Form	Attractive exfoliating bark and hop-like fruit; native
<i>Pyrus calleryana</i> 'Chanticleer'	Chanticleer Callery Pear	30-40' Ht.	Large Standard Form	White flowers, red-purple fall leaf color; better structure than older cultivars
<i>Quercus acutissima</i>	Sawtooth Oak	35-40' Ht.	Large Standard Form	Yellow fall color; acorns provide valuable wildlife food source

LARGE TREES

<i>Acer rubrum</i> 'Bowhall' or 'Armstrong'	Columnar Red Maples	50-60' Ht.	Large Columnar Form	Red flowers, fruit and fall color; native
<i>Acer rubrum</i> 'October Glory' or 'Red Sunset'	Red Maple	50-60' Ht.	Large Standard Form	Red flowers, fruit and fall color; native
<i>Ginkgo biloba</i> (male)	Male Ginkgo	50-80' Ht.	Large Standard Form	Brilliant yellow fall color; easy to transplant and establish
<i>Liquidambar styraciflua</i> 'Rotundiloba'	Fruitless Sweetgum	60-75' Ht.	Large Standard Form	Star-shaped leaves; rich reddish purple fall color
<i>Platanus x acerifolia</i>	London Plane Tree	70-90' Ht.	Large Standard Form	Large flat leaf; exfoliating bark, exposing white inner bark
<i>Quercus imbricaria</i>	Shingle Oak	50-60' Ht.	Broad Umbrella Form	More easily transplanted than other oaks; native
<i>Quercus phellos</i>	Willow Oak	60-80' Ht.	Large Standard Form	Moderately fast growing; yellow brown fall color; native
<i>Quercus rubra</i>	Red Oak	60-75' Ht.	Large Standard Form	More easily transplanted than other oaks; red fall color; native; acorns
<i>Ulmus</i> 'Accolade' or 'Morton'	Hybrid Elm	50' Ht.	Broad Umbrella Form	Lustrous dark green leaves; resistant to Dutch Elm disease; very adaptable
<i>Zelkova serrata</i> 'Green Vase'	Green Vase Zelkova	60-80' Ht.	Large Standard Form	Nice form; orange-brown fall color

LARGE BUFFER AREA TREES & SHRUBS *

<i>Abies concolor</i>	White Fir	30-50' Ht.	Pyramidal Form	Highly adaptable evergreen; tolerant of heat and drought
<i>Euonymus kiautschovicus</i> 'Manhattan'	Spreading Euonymus	8-10' Ht.	Large Shrub Form	Highly adaptable to most soils; semievergreen; fast-growing
<i>Hydrangea quercifolia</i>	Oakleaf Hydrangea	4-6' Ht.	Large Shrub Form	Attractive bark; large white flowers in June; burgandy fall color; native
<i>Juniperus virginiana</i>	Eastern Redcedar	30-50' Ht.	Pyramidal Form	Highly adaptable evergreen; valuable food source for birds; native
<i>Rhus aromatica</i>	Fragrant Sumac	2-6' Ht.	Large Shrub Form	Highly adaptable; spreading; orange-red fall color; native
<i>Rhus typhina</i>	Staghorn Sumac	15-20' Ht.	Large Shrub Form	Highly adaptable; spreading; orange-red fall color; native
<i>Viburnum trilobum</i>	American Cranberrybush Viburnum	8-12' Ht.	Large Shrub Form	Flowers in May; attractive fruit; red fall color; native

* Other potential plant selections will be considered by the Borough's Shade Tree Commission

Legislative Intent

20.74 It is intended that trees will be selected for the Borough's Streetscapes, parking areas, and required landscape buffers utilizing species proven tolerant of urban conditions, and able to prosper in spite of environmental and physical constraints (overhead utilities, nearby building facades, limited root zones, etc).

Design Standards

- 20.75 With due consideration of the proposed planting location and existing site constraints, tree types shall be determined by referring to the appropriate section in the list above. A preference shall be given to use of native plant species.
- 20.76 Trees for Streetscapes and parking areas shall be responsibly pruned to have bottom tree branches at least eight (8) feet above sidewalk areas and at least ten (10) feet above vehicular areas at the time of tree maturity. No street tree shall be smaller than a two (2) inch caliper size (the diameter of the trunk measured six [6] inches above grade) at the time of tree installation. Where more than fifty (50) feet of contiguous Streetscape improvements are proposed, such caliper measurements shall be no less than three (3) inches.
- 20.77 Tree and shrub species selection for required landscape buffers shall be in accordance with the list provided above, and shall be planted according to quantities established on p.194.25.
- 20.78 Tree species for required landscape buffers shall not have a caliper less than three (3) inches in size (the diameter of the trunk measured six [6] inches above grade) at the time of installation.
- 20.79 To avoid creation of monocultures consisting of only one plant type, each Borough block shall include at least two street tree species, and each large buffer area shall include at least three species.