

Appendix C – Approved Tree List

Tree Group: Deciduous-Large

Characteristics: Trees 50 feet or more in height at maturity with a spread approximately equal to or more than their height and trees over 75 feet in height at maturity with a spread less than their height. Size is measured by DBH.

Minimum size at planting: 2.5 caliper inch

Botanical Name	Common Name
Acer platanoides	Norway Maple
Acer saccharum	Sugar Maple (Missouri native)
Aesculus	Horsechestnut
Alnus	Alder
Carya	Hickory
Carya ovata	Shagbark Hickory (Missouri native)
Castanea	Chestnut
Celtis	Hackberry (Missouri native)
Gleditsia triacanthos var. inermis	Thornless Honey locust
Gymnocladus dioica	Kentucky Coffeetree (Missouri native)
Liriodendron tulipifera	Tulip poplar (Missouri native)
Magnolia acuminata	Cucumber Magnolia
Metasequoia glyptostroboides	Dawn Redwood
Platanus x acerifolia	London Planetree
Platanus occidentalis	American Sycamore (Missouri native)
Quercus alba	White Oak (Missouri native)
Quercus bicolor	Swamp White Oak (Missouri native)
Quercus borealis	Red Oak (Missouri native)
Quercus coccinea	Scarlet Oak
Quercus imbricaria	Shingle Oak (Missouri native)
Quercus macrocarpa	Bur Oak (Missouri native)
Quercus muehlenbergii	Chinkapin Oak (Missouri native)
Quercus phellos	Willow Oak (Missouri native)
Quercus robur	English Oak
Quercus shumardii	Shumard Oak (Missouri native)
Quercus stellata	Post Oak (Missouri native)
Quercus velutina	Black Oak
Taxodium distichum	Bald Cypress (Missouri native)
Ulmus 'Homestead'	Homestead Elm

Botanical Name	Common Name
Ulmus parvifolia	Chinese Elm
Zelkova serrata	Japanese Zelkova
Betula nigra	River Birch (Missouri native)
Fagus	Beech
Ginkgo biloba	Ginkgo (male only)
Metasequoia glyptostroboides	Dawn Redwood

Tree Group: Deciduous-Medium

Characteristics: Trees 25 to 50 feet in height at maturity with a spread equal to or greater than their height and trees over 50 feet in height at maturity with a spread less than their height. Size is measured by caliper or DBH.

Minimum size at planting: 2.5 caliper inch

Botanical Name	Common Name
Acer campestre	Hedge Maple
Acer griseum	Paperbark maple
Acer truncatum	Shantung Maple
Aesculus x carnea	Red Horsechestnut
Carpinus betulus	European Hornbeam
Carpinus caroliniana	American Hornbeam (Missouri native)
Cercidiphyllum japonicum	Katsura Tree
Cladrastis kentukea (C. lutea)	American Yellowwood (Missouri native)
Magnolia macrophylla	Bigleaf Magnolia
Nyssa sylvatica	Black Gum (Missouri native)
Ostrya virginiana	American Hophornbeam
Sophora japonica	Japanese Pagoda Tree
Tilia americana	American Linden (Missouri native)
Tilia cordata	Little Leaf Linden

Tree Group: Deciduous-Small and Columnar

Characteristics: Trees 30 feet or less in height at maturity with a spread less than one-half of their height. Size is measured by caliper or DBH.

Minimum size at planting: 2.5 caliper inch

Botanical Name	Common Name
Acer buergerianum	Trident Maple
Acer japonicum	Full Moon Maple
Acer pensylvanicum	Striped Maple
Asminia triloba	Pawpaw (Missouri native)

Tree Group: Deciduous-Small and Columnar

Carpinus betulus 'Fastigiata'	Fastigate European Hornbeam
Carpinus betulus 'Columnaris'	Columnar European Hornbeam
Carpinus caroliniana	American Hornbeam/Ironwood
Sassafras albidum	Common Sassafras (Missouri native)

Tree Group: Deciduous-Ornamental

Characteristics: Trees that can be maintained at a height of 20 feet or less and have a spread approximately equal to their height. Size is measured by caliper or height. Multi-stem tree size is determined by measuring caliper of the largest stem and adding half the size of each of the other stems together for the total.

Minimum size at planting: 2.5 caliper inch (single stem), 1.5 caliper inch (multi-stem), 8 feet tall (clump).

Botanical Name	Common Name
Amelanchier	Serviceberry (Missouri native)
Cercis canadensis	Eastern redbud (Missouri native)
Chionanthus virginicus	White Fringetree (Missouri native)
Cornus florida	Flowering dogwood (Missouri native)
Cotinus obovatus	American Smoketree (Missouri native)
Crataegus crusgalli var. inermis	Thornless Hawthorn (Missouri native)
Crataegus mollis	Downy Hawthorn (Missouri native)
Crataegus phaenopyrum	Washington Hawthorn (Missouri native)
Crataegus viridis	Green Hawthorn (Missouri native)
Magnolia stellate	Star magnolia
Magnolia virginiana	Sweet Bay Magnolia
Magnolia x loebneri	Loebner Magnolia
Magnolia x soulangiana	Saucer magnolia
Malus spp	Flowering Crabapples
Prunus spp	Flowering Cherry
Syringa reticulata	Japanese Tree Lilac
Viburnum prunifolium	Blackhaw Viburnum (Missouri Native)
Acer palmatum	Japanese Maple

Tree Group: Evergreen - Large

Characteristics: Trees with needled boughs or evergreen/semi-evergreen leaves and foliage, with a mature height of 40 to 80 feet depending upon genus and species. Size is measured by caliper or height.

Minimum size at planting: 6 feet tall

Tree Canopy Coverage: 500 square feet

Botanical Name	Common Name
Abies spp	Fir
Larix spp	Larch
Magnolia grandiflora	Southern Magnolia
Picea	Spruce
Pinus echinate	Shortleaf Pine (Missouri native)
Pinus strobus	White Pine
Pseudotsuga menziesii	Douglas Fir

Tree Group: Evergreen — Medium

Characteristics: Trees with needled boughs or evergreen/semi-evergreen leaves and foliage, with a mature height of 30 to 60 feet depending upon genus and species. Size is measured by caliper or height.

Minimum size at planting: 8 feet tall

Botanical Name	Common Name
Ilex opaca	American Holly (Missouri native)
Juniperus virginiana	Eastern Red Cedar (Missouri Native)
Juniperus virginiana 'Canaertii'	Canaerti Juniper
Tsuga Canadensis	Canada hemlock

Tree Group: Evergreen — Small

Characteristics: Trees with needled boughs or evergreen/semi-evergreen leaves and foliage, with a mature height of 15 to 25 feet depending upon genus and species. Size is measured by caliper or height.

Minimum size at planting: 6 feet tall

Botanical Name	Common Name
Arborvitae spp	Arborvitae
Ilex x attenuate 'Fosters #2'	Foster's Holly
Juniperus chinensis varieties	Upright Juniper
Juniperus scopulorum varieties	Chinese Juniper
Thuja occidentalis	American Arborvitae
Thuja orientalis	Oriental Arborvitae