

2.03.03. - Canopy trees.

Canopy trees shall be required for the purpose of shading impervious surfaces associated with all development in the town. Structures shall not be used in calculating or estimating the area of impervious surface. This subsection requires the calculation of the total impervious surface on a given site and the shading of one-third of that total impervious surface. To standardize the calculation, each paved parking space shall require 200 square feet of canopy area. Loading zones, sidewalks and other paved surfaces, with the exception of swimming pool decks and aprons, shall be calculated separately and one-third of the total area shall be shaded with canopy trees.

1. Canopy trees shall be selected from table 2.03(A) and planted no closer than five feet to any paved surface.
2. Planting areas for canopy trees shall be no less than 100 square feet in area.
3. Planting areas under canopy trees shall be planted in compatible shrubs from table 2.03(C) or ground covers, but not planted in grass.

TABLE 2.03(A). CANOPY TREES

Species	Common Name	Canopy (square feet)
<i>Acer rubrum</i>	Red maple	500
<i>Carya glabra</i>	Pignut hickory	700
<i>Carya illinoensis</i>	Pecan	700
<i>Carya tomentosa</i>	Mockernut hickory	700
<i>Celtis laevigata</i>	Sugarberry (hackberry)	1,300
<i>Cinnamomum camphora</i>	Camphor	700
<i>Fraxinus caroliniana</i>	Pop ash	500
<i>Liquidambar styraciflua</i>	Sweetgum	500
<i>Magnolia grandiflora</i>	Southern magnolia	500
<i>Pinus clausa</i>	Sand pine	500
<i>Pinus elliottii</i>	Slash pine	500
<i>Pinus elliottii</i> var. <i>densa</i>	South Florida pine	500
<i>Pinus palustris</i>	Longleaf pine	500
<i>Platanus occidentalis</i>	Sycamore	700
<i>Quercus laurifolia</i>	Laurel oak	970
<i>Quercus nigra</i>	Water oak	700
<i>Quercus virginiana</i>	Live oak	2,000
<i>Tilia caroliniana</i>	Carolina basswood	500
<i>Ulmus slata</i>	Winged elm	500
<i>Ulmus americana</i>	Florida elm	700

TABLE 2.03(B). SMALL TREES FOR BUFFERYARDS

Species	Common Name	Canopy (square feet)
Baccharis halimifolia	Groundsel tree salt bush	<u>50</u>
Betula nigra	River birch	200
Callistemon viminalis	Weeping bottlebrush	80
Carpinus caroliniana	American hornbeam	120
Carya floridana	Scrub hickory	120
Chionanthus virginicus	Fringe tree	80
Cornus florida	Flowering dogwood	200
Crataegus	Hawthorne	120
Eriobotrya japonica	Loquat, Japanese plum	80
Eucalyptus cinerea	Silver dollar eucalyptus	120
Gleditsia aquatica	Water locust	180
Gordonia lasianthus	Loblolly bay	200
Ilex attenuata	East Palatka holly	200
Ilex cassine	Dahoon holly	200
Ilex opaca	American holly	200
Juniperus silicicola	Southern red cedar	120
Koelreuteria elegans	Golden rain tree	320
Lagerstroemia indica	Crepe myrtle	120
Magnolia virginiana	Sweetbay magnolia	200
Osmanthus americana	Wild olive, devilwood	<u>50</u>
Osmanthus megacarpa	Scrub olive	80
Parkinsonia aculeata	Jerusalem thorn	200
Persea borbonia	Red bay	120
Prunus caroliniana	Cherry laurel	120
Prunus serotina	Wild black cherry	320
Quercus chapmanii	Chapman oak	180
Quercus geminata	Sand live oak	120
Quercus incana	Bluejack oak	120
Quercus laevis	Turkey oak	180
Quercus myrtifolia	Myrtle oak	80
Taxodium distichum	Bald cypress	320
Ulmus parvifolia	Drake elm, Chinese elm	320

TABLE 2.03(C). SHRUBS

Species	Common Name
Abelia grandiflora	Glossy abelia
Baccharis halimifolia	Groundsel tree/saltbush

<i>Befaria racemosa</i>	Tarflower
<i>Bumelia tenax</i>	Silver buckthorn
<i>Camellia japonica</i>	Camellia
<i>Carrissa</i>	Boxwood beauty
<i>Cortaderia selloana</i>	Pampas grass
<i>Cycas revoluta</i>	King sago
<i>Duranta repens</i>	Golden dewdrop
<i>Garberia heterophylla</i>	Garberia
<i>Gardenia jasminoides</i>	Gardenia
<i>Hydrangea macrophylla</i>	Hydrangea
<i>Hypericum hypericoides</i>	St. Andrew's cross
<i>Hypericum reductum</i>	St. John's wort
<i>Ilex cornuta</i> "Bufordi"	Buford holly
<i>Ilex cornuta</i> "Dwarf Bufordi"	Dwarf Buford holly
<i>Ilex cornuta</i> "rotunda"	Rotunda holly
<i>Ilex glabra</i>	Gallberry
<i>Ilex opaca arenicola</i>	Scrub holly
<i>Ilex vomitoria</i> "nana"	Shillings holly
<i>Ilex vomitoria</i> "Pendula"	Weeping yaupon holly
<i>Illicium anisatum</i>	Japanese anise
<i>Illicium floridanum</i>	Star anise
<i>Illicium parviflorum</i>	Florida anise
<i>Itea virginica</i>	Virginia willow
<i>Jasminum natidum</i>	Shining jasmine
<i>Jasminum pubescens</i>	Downy jasmine
<i>Juniperus conferta</i> "compacta"	Dwarf shore juniper
<i>Juniperus</i> "Pfitzeriana"	Pfitzer juniper
<i>Junipera squamata</i> "expansa"	
<i>Leucophyllum frutescens</i>	Texas sage
<i>Ligustrum japonicum</i>	Ligustrum
<i>Lyonia ferruginea</i>	Rusty lyonia
<i>Lyonia lucida</i>	Shiny lyonia/fetterbush
<i>Myrica cerifera</i>	Wax myrtle
<i>Persea humilis</i>	Silk bay
<i>Photinia glabra</i>	Red tip
<i>Pittosporum tobira</i>	Green pittosporum
<i>Pittosporum tobira</i> "compacta"	Compact pittosporum
<i>Pittosporum tobira</i> "variegata"	Variegated pittosporum
<i>Raphiolepis indica</i>	India hawthorn
<i>Rhododendron</i> "Duc de Rohan"	Azalea, "Duc de Rohan"
<i>Rhododendron serrulatum</i>	Swamp azalea
<i>Rhododendron simsii</i>	Indian azalea

<i>Serenoa repens</i>	Saw palmetto
<i>Thryallis glauca</i>	Thryallis, Shower-of-gold
<i>Vaccinium darrowi</i>	Little blueberry
<i>Viburnum obovatum</i>	Blackhaw
<i>Viburnum odoratissimum</i>	Sweet viburnum
<i>Viburnum suspensum</i>	Sandankwa viburnum
<i>Zamia floridana</i>	Coontie

(Ord. No. 06-05, § 1(Exh. A), 2-14-06)