

Town of Indian River Shores
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1999

Code Of Ordinances
Chapter 163, Landscaping Standards
Tree Definitions and Canopy Area Calculations

TREE REQUIREMENTS:

The landscape plan shall be designed to provide a tree canopy over at least fifty (50) percent of the required pervious area when the trees reach maturity (within 10 years). Trees shall be cold hardy and acclimated for specific site (i.e. salt tolerant, etc.).

TREE, EXISTING:

Any self-supporting woody perennial plant which normally attains at maturity a trunk diameter of at least three inches measured four and one-half (4 1/2) feet above grade, and having a minimum overall height of fifteen (15) feet Canopy area may be calculated for the full area existing within tree dripline.

TREES:

Trees shall be species having an average mature spread of crown of greater than twenty (20) feet when growing in the town and eventually having trunks which can be maintained in a clean condition over five feet of clear wood. Trees having an average mature spread of crown less than twenty (20) feet may be substituted by grouping them so as to create the equivalent of a fifteen (15) foot crown spread. Tree species shall be a minimum of eight (8) feet overall height Palms are considered trees, but the required height shall be eight (8) feet from the ground level to base of palm fronds. Trees of a species whose roots are known to cause damage to public roadways or other public works shall not be planted closer than twelve (12) feet to the public works.

Page 2
Code of Ordinances
Chapter 163, Landscaping Standards
Tree Definition and Canopy Area Calculations

PALM AND SPECIES MIX:

Palm species shall not be used for more than twenty-five (25) percent of the total number of trees required. No one tree species shall account for more than thirty-five (35) percent of the total number of trees.

TREE PLACEMENT:

Trees shall be located to provide a minimum of fifty (50) percent shade profile of building structures and hard paved surfaces, excluding approved pool and recreational paved deck areas. These trees shall be placed within twenty-five (25) feet of the structure or hard paved surface to project the maximum shade profile. Shading of outdoor air conditioning units (within a ten (10) foot radius thereof) shall be required.

Page 3
 Code of Ordinances
 Chapter 163, Landscaping Standards
 Tree Definition and Canopy Area Calculations
 Revised: June 17, 1999

<u>SPECIES</u>	<u>COMMON</u>	<u>COLD HARDY</u>	<u>SQ. FEET</u>
Palms	ALL, meeting requirements of tree by definition		064
Acer Rubrum / Barbatum	Maple	X	452
Bishofia javanica	Bishopwood	(Freezes at about 26 ⁰ F.)	615
Callistemon spp.	Bottlebrush	(Freezes at about 24 ⁰ F.)	
Chionanthus virginicus	Fringe tree	X	154
Cinnamomum camphora	Camphor tree	X	804
Cupaniopsis anacardiopsis	Carrotwood	(Freezes at about 25 ⁰ F.)	380
Eriobotrya japonica	Lowquat	X	201
Eucalyptus cinerea	Silver dollar	(Freezes at about 20 ⁰ F.)	078
Forestiera segregata	Florida Privet	X	
Ilex spp.	Holly	X	201
Koelreuteria elegans	Golden rain tree	X	615
Lagerstroemia indica	Crepe myrtle	X	154
Ligustrum spp.	Privet	X	154
Magnolia grandiflora	Southern Magnolia	X	380
Myrica Cerifera	Wax myrtle	X	201
Parkinsonia aculeata	Jerusalem thorn	X	201
Peltophorum	Yellow Poinciana	(Freezes at about 28 ⁰ F.)	615
Platanus occidentalis	Sycamore	X	615
Prunus caroliniana	Cherry laurel	X	254
Quercus laurifolia	Laurel oak	X	908
Quercus virginiana	Live oak	X	908
Tabebuia spp.	Trumpet tree	(Freezes at about -28 ⁰ F.)	154
Ulmus parvifolia	Elm	X	452

The tree canopy area listed is based upon species (mean average at 10 years) established within this community. Contact the Building Department for additional information regarding other species if required, use this list as a guideline. Cold hardy shall be considered by policy as trees able to survive temperatures at or below 28⁰F.

Note: For areas of coastal duneline conditions, policy allows the use of approved indigenous native vegetation to be supplemental for tree canopy. Canopy area may be calculated equivalent to existing mean average sizes per species.

Established tree canopy is calculated as exists within the dripline area.