

Tree Replacement Guide



**Hillsborough
County Florida**
Development Services

Natural Resources is committed to providing helpful information to ensure compliance with LDC regarding Tree Removal Permits. If you have specific questions or need further assistance regarding tree removal permits or any other related matters, feel free to ask.

What type and size Tree(s) do I need to plant?

- Trees must be selected from the appropriate included County-approved list.
- The minimum size is 1" DBH ([see how to determine this](#)) and 6-foot in height (measured from the ground, not including root ball) and Florida Grade #1 quality or better ([See Helpful Information](#) or ask your nursery for more information)
- Palms must be planted at a 2:1 ratio, unless indicated on the approved Street tree list as only requiring 1 palm. If a palm is utilized for Street tree replacements, it must be a single-trunk species (no doubles or triples) and have 8 feet clear of trunk (8 feet of trunk before the first palm frond).

Measuring DBH (see pg. 2):

To determine the DBH of your tree, measure around the tree (as if you were measuring your waist) approximately 4.5 feet from the ground and divide by 3.14.

For example: a 40" circumference tree is going to have a DBH of just under 13 inches.

What do I do once I have installed the tree(s)?

You can schedule a re-inspection by visiting [HCFL.gov/HillsGovHub](https://www.hcfl.gov/HillsGovHub) or send pictures of the new tree(s) via text or email to the inspector who left their card. Ensure you let the inspector know you are compliant and would like to close out your permit.

Where can I purchase the tree and how can I get it installed?

We recommend that you shop local nurseries for your replacement tree(s). You can plant the tree yourself or many nurseries or landscapers offer this service.

When is this due?

The replacement trees are required to be installed on the site within 90 days of the tree removal.

What if I have additional questions?

You can email your questions to NaturalResources@HCFL.gov or call/email your inspector. Please understand your inspector may be driving and call response times can be up to 24 hours.

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Helpful Information

Calculating DBH

Circumference (At Chest Height) =
41 inches (104.14 CM)

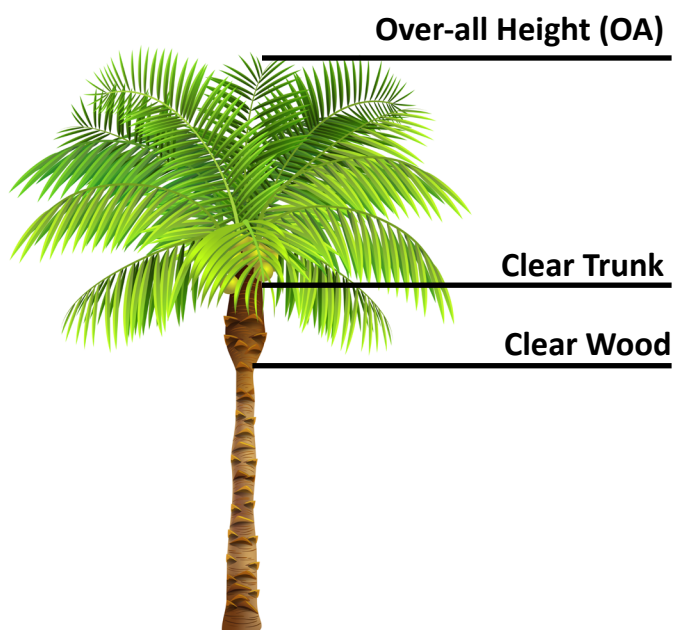
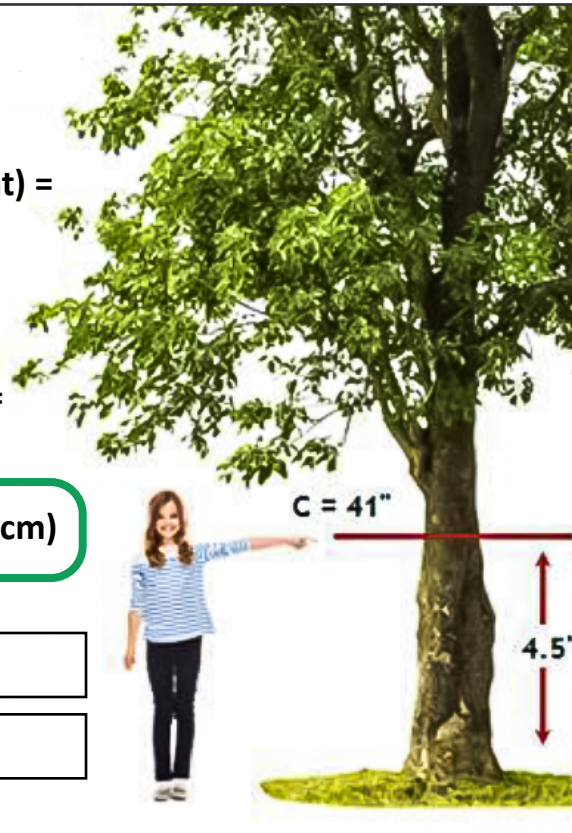
Pi = 3.14

Diameter (Circumference/Pi) =
41/3.14

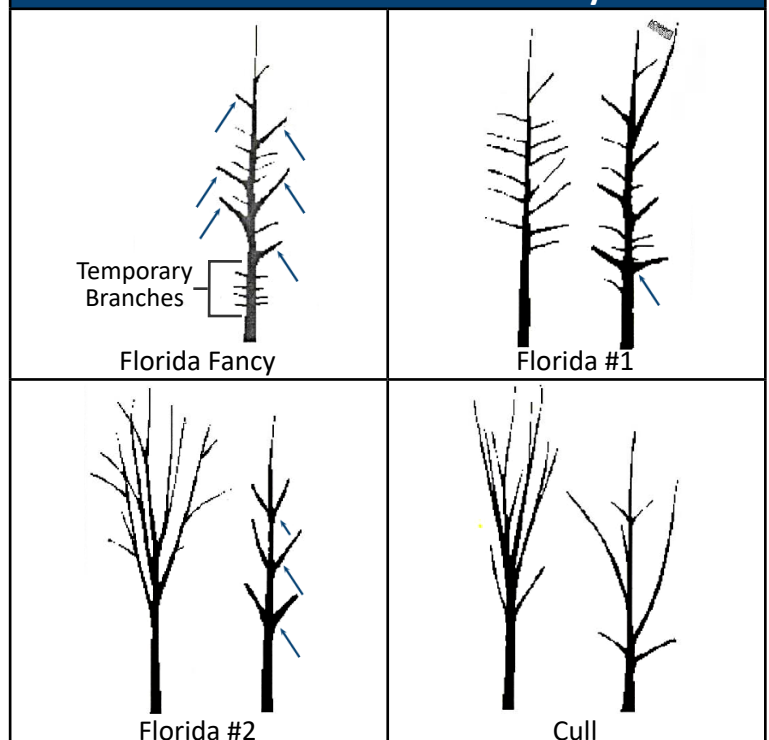
Diameter = 13.1 inches (33.17 cm)

Tree Circumference:

DBH:



Grades and Standards for Nursery Trees



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Lot Trees

Lot trees are the required number of trees on a given parcel of land based on its size. Lot trees are made up of approved [shade](#) and [ornamental trees](#). This does not include the Right-of-way area where the street tree is located if required. The minimum lot tree requirements must be from an approved county tree list. You may have other trees on the property, however they will not count toward the lot tree requirement for the parcel.

Number of Required Lot Trees Per Parcel (Please note that 50% of the required trees must be approved shade trees)		
Parcel Acreage	Lot Size in Square Feet	Required Number of Trees
>1	> 43,560	8
0.50 - 0.99	21,780 - 43,559	6
0.25 - 0.49	10,891 - 21,779	4
0.16 - 0.25	7,001 - 10,890	2
0 - 0.16	<7,000	2 1 (if street tree is required)

Additionally, you may receive credit toward the required number of lot trees for any existing trees on the parcel listed on the approved ornamental or shade tree list. Credits are issued based on the size of the existing tree as noted in the table below. Each credit counts as one required tree.

Credit Given For Existing Approved Trees on Parcel		
Crown Spread (in feet)	DBH (in inches)	Credits
> 90	> 35	7
60 - 89	30 - 34	6
50 - 59	25 - 29	5
40 - 49	20 - 24	4
30 - 39	15 - 19	3
20 - 29	10 - 14	2
5 - 19	1 - 9	1
<5	<1	0

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Shade Trees

The following list of trees represent acceptable Shade Tree species to satisfy Section 6.06.03.B of the Land Development Code. These trees generally obtain a mature height of 25–70 feet.

A restoration tree (code Violation) must be a minimum 8 foot tall, 1" DBH (diameter at 4 ½ feet above ground), Florida grade #1 or better quality as stipulated in the latest "Grades and Standards for Nursery Plants," Florida Department of Agriculture and Consumer Services.

A replacement tree must be a minimum 6-foot tall, 1" DBH (diameter at 4 ½ feet above ground), Florida grade #1 or better quality. Grand Oaks may have additional planting requirements depending on the size and health of the Oak.

To view additional details, view the [Approved Tree and Hedge Materials document](#).

Approved Shade Trees

Ash, green

Elm, American

Elm, Winged

Hickory, Pignut

Magnolia, Southern

(Includes cultivars such as: 'Blanchard',
'Bracken Brown Beauty', 'Miss Chloe'.)

Maple, Florida

Maple, Red

Oak, Laurel

Oak, Live

Oak, Post

Oak, Sand Live

Oak, Shumard

Oak, Turkey

Pecan

Pine, Loblolly

Pine, Longleaf

Pine, Sand

Pine, Slash

Sugarberry

Sweetgum

Sycamore

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Street Trees

Trees must be selected from the appropriate included County-approved list.

The following list of trees represent acceptable Street Tree species to satisfy Section 6.06.05, of the Land Development Code.

ALL STREET TREES (except Palms) must be a minimum of 1" DBH with an overall height of six (6) feet (when planted) and be Florida Grade #1 nursery stock (or better).

Palms must be planted at a 2:1 ratio, unless indicated on the approved Street Tree list as only requiring 1 palm. If a palm is utilized for Street Tree replacements, it must be a single-trunk species (no doubles or triples) and have 8 feet of clear trunk (8 feet of trunk before the first palm frond).

To view additional details, view the [Approved Tree and Hedge Materials document](#)..

Approved Street Trees

Crape Myrtle (Single Trunk only)

Cypress, Bald

Cypress, Pond

Elm, Winged

Holly, American

Holly, Dahoon

Holly, Topal (East Palatka, Eagleston)

Holly, Yaupon

Japanese Blueberry

Magnolia, Southern

(Includes cultivars such as: 'Blanchard', 'Bracken Brown Beauty', 'Miss Chloe', 'Little Gem'.)

Maple, Florida

Maple, Red

Oak, Shumard*

Palms, Date**

(Medjool, Canary Island Date)

Palm, Foxtail*

(South County Only, See note Below)

Palm, Mule**

Palm, Ribbon*

Palm, Royal(*)()**

(South County Only, See note Below)

Palm, Sabal*

Palm, Washington*

Podocarpus

*Additional specifications and restrictions apply. Visit HCFL.gov and view the [Approved Tree and Hedge Materials document](#) for details.

**Only 1 palm is required. Must have a minimum of 8 feet of clear trunk.

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Ornamental Trees

Trees must be selected from the appropriate included County-approved list.

The following list of trees represent acceptable Ornamental Tree species to satisfy Section 6.06.03.B of the Land Development Code. These trees generally obtain a mature height of 15-25 feet.

A restoration tree (code Violation) must be a minimum 8 foot tall, 1" DBH (diameter at 4 ½ feet above ground), Florida grade #1 or better quality.

A replacement tree must be a minimum 6-foot tall, 1" DBH (diameter at 4 ½ feet above ground), Florida grade #1 or better quality.

To view additional details, view the [Approved Tree and Hedge Materials document](#).

Approved Ornamental Trees

Bottlebrush

Crape Myrtle

Cypress, Bald

Cypress, Pond

Dogwood, Flowering

Elm, Lacebark

Fringe Tree

Holly, American

Holly, Dahoon

Holly, Topal (East Palatka, Eagleston)

Holly, Yaupon

Japanese Blueberry

Jerusalem Thorn

Leland Cypress

Ligustrum (tree form)

Loblolly Bay

Loquat

Magnolia, Southern ('Little Gem')

Oak, Myrtle

Olive, European

Palms, Date (Medjool, Canary Island Date)

Palm, Foxtail

Palm, Mule

Palm, Ribbon

Palm, Royal

Palm, Sabal

Palm, Washington

Plum, Chickasaw

Plum, Flatwoods

Podocarpus

Redbud

River Birch

Southern Red Cedar

Southern Wax Myrtle

Sparkleberry

Sugarberry

Summer Haw