

## **ORDINANCE NO. 20-07**

**AN ORDINANCE OF THE MAYOR AND TOWN COUNCIL OF THE TOWN OF CUTLER BAY, FLORIDA, COMPREHENSIVELY UPDATING AND REVISING CHAPTER 3, "LAND DEVELOPMENT REGULATIONS OF THE TOWN CODE OF ORDINANCES RELATING TO ARCHITECTURAL AND LANDSCAPE REGULATIONS; DISSOLVING THE MORATORIUM IMPOSED BY ORDINANCE NO. 19-13 AS TO ARCHITECTURAL AND LANDSCAPE STANDARDS; PROVIDING FOR CODIFICATION; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; AND PROVIDING FOR AN EFFECTIVE DATE.**

**WHEREAS**, the Town of Cutler Bay (the "Town") has adopted land regulations to facilitate safe and orderly growth which forms an integral part of the community; and

**WHEREAS**, on July 17, 2019, the Town Council adopted Ordinance No. 19-13, providing for a moratorium on development within the Town (the "Moratorium"); and

**WHEREAS**, on January 15, 2020, the Town Council adopted Ordinance No. 20-03, extending the Moratorium through April 17, 2020; and

**WHEREAS**, this Ordinance and others were scheduled to be considered by the Town Council at its March 18, 2020 meeting, which was cancelled due to an emergency created by novel coronavirus/COVID-19 ("COVID-19"); and

**WHEREAS**, on April 22, 2020, due to the emergency created by COVID-19, the Town Council adopted Resolution No. 20-16, invoking the Zoning in Progress or pending ordinance doctrine for the adoption of comprehensive amendments to the Town's Code of Ordinances; and

**WHEREAS**, the Moratorium provided the Town's consultants the opportunity to study and recommend amendments to the Town's Land Development Regulations, which serve to further guide land use and development, so that development within the Town will further the Town's goal of creating a sustainable environment, establishing a unique character, and providing enhanced quality of life; and

**WHEREAS**, the Town Council desires to comprehensively update and revise the standards in Chapter 3, "Land Development Regulations," as they relate to architectural and landscape standards; and

**WHEREAS**, the Town Council, sitting in its capacity as the Local Planning Agency, has reviewed this Ordinance and has recommended approval; and

**WHEREAS**, after due notice and hearing, the Town Council finds that this Ordinance is consistent with the Town's Comprehensive Plan and Code of Ordinances; and

**WHEREAS,** the Town Council finds that this Ordinance is necessary for the preservation and improvement of the environment, public health, safety and welfare of the Town.

**NOW, THEREFORE, BE IT ORDAINED BY THE MAYOR AND TOWN COUNCIL OF THE TOWN OF CUTLER BAY, FLORIDA AS FOLLOWS:**<sup>1</sup>

**Section 1.** **Recitals.** The above-stated recitals are true and correct and are incorporated herein by this reference as the legislative intent of this Ordinance.

**Section 2.** **Amending Chapter 3 of the Town Code.** The Town Council of the Town of Cutler Bay hereby amends Chapter 3, "Land Development Regulations," of the Town Code as set forth in Exhibit "A" attached hereto and incorporated herein.

**Section 3.** **Dissolving Moratorium as to Architectural and Landscape Standards.** Pursuant to Section 8 of Ordinance No. 19-13, the moratorium that was imposed on all properties in the Town to allow the Town to study, recommend, and adopt regulations to address architectural and landscape standards pursuant to Section 2(c) of Ordinance No. 19-13 is dissolved. The moratoria on development imposed pursuant to Section 2(b) of Ordinance No. 19-13 shall continue in effect.

**Section 4.** **Codification.** It is the intention of the Town Council, and it is hereby ordained that the provisions of this Ordinance shall become and be made a part of the Code of the Town of Cutler Bay; that the sections of this Ordinance may be re-numbered or re-lettered to accomplish such intentions; and that the word "Ordinance" shall be changed to "Section" or other appropriate word.

**Section 5.** **Severability.** If any section, clause, sentence, or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

**Section 6.** **Conflicts.** All Sections or parts of Sections of the Code of Ordinances, all ordinances or parts of ordinances, and all Resolutions, or parts of Resolutions, in conflict with this Ordinance are repealed to the extent of such conflict.

**Section 7.** **Effective Date.** This Ordinance shall be effective immediately upon adoption on second reading.

**PASSED** on first reading this 17<sup>th</sup> day of June, 2020.

**PASSED AND ADOPTED** on second reading this 15<sup>th</sup> day of July, 2020.

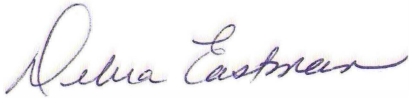


TIM MEERBOTT  
Mayor

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<sup>1</sup> Coding: ~~Strikethrough words~~ are deletions to the existing words. Underlined words are additions to the existing words. Changes between first and second reading are indicated with yellow highlighted double strikethrough and double underline.

Attest:



DEBRA E. EASTMAN, MMC  
Town Clerk



APPROVED AS TO FORM AND  
LEGAL SUFFICIENCY FOR THE  
SOLE USE OF THE TOWN OF CUTLER BAY:



WEISS SEROTA HELFMAN  
COLE & BIERMAN, P.L.  
Town Attorney

First Reading

Moved By: Vice Mayor Loyzelle

Seconded By: Council Member Duncan

Second Reading

Moved By: Council Member Callahan

Seconded By: Council Member Duncan

FINAL VOTE AT ADOPTION:

Mayor Tim Meerbott	YES
Vice Mayor Sue Ellen Loyzelle	YES
Council Member Robert "BJ" Duncan	YES
Council Member Michael P. Callahan	YES
Council Member Roger Coriat	YES

## Chapter 3 – LAND DEVELOPMENT REGULATIONS

\* \* \*

### ARTICLE I. – IN GENERAL

\* \* \*

#### Sec. 3-11. - Nonconforming development.

It is the purpose and intent of this section to provide procedures whereby lawful nonconforming structures and uses may be maintained where such maintenance will not have a detrimental effect upon other persons or property within the vicinity, and in so doing to bring such uses and structures up to present standards to the maximum possible extent.

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- (7) *Maintenance, repairs and renovations.* Normal structural repairs, maintenance and renovations may be performed to allow the continuation of a nonconforming building. However, such cumulative work in any 12 month period shall not exceed 50 percent of the assessed value of such building. Assessed value for purposes of this section shall be determined by using the current assessed value as provided by the Miami-Dade County Property Appraiser's Office. Any maintenance, repairs, alterations or improvements that do not increase the square footage of a nonconforming building shall be permitted. However, expansion of any square footage or complete demolition of a building shall comply with the provisions of the code.

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### ARTICLE VI. – ARCHITECTURE AND FORM STANDARDS

#### Sec. 3-80. - Nonresidential and mixed use.

1. Architectural design
  - a. Building design shall be consistent with the “Modern, Traditional, and Regional Architecture” style elements identified in the Miami-Dade County Urban Design Manual Volume I – Private Development <https://www.miamidade.gov/planning/library/studies/UDM-final-vol-1.pdf>
    - i. Other architectural styles that are consistent and compatible with the above referenced Miami-Dade County Urban Design Manual Volume I – Private Development may be approved through the site plan approval process.
  - b. An increase of square footage, enlargement, or extension of a nonconforming building consistent with Section 3-11 shall require full building architecture consistency with the “Modern, Traditional, and Regional Architecture” style elements identified in the Miami Dade County Urban Design Manual Volume I – Private Development, or other style elements approved through the site

plan approval process.

<https://www.miamidade.gov/planning/library/studies/UDM-final-vol-1.pdf>

- i. Other architectural styles that are consistent and compatible with the above referenced Miami-Dade County Urban Design Manual Volume I – Private Development may be approved through the site plan approval process.
  - c. All ground-floor portions of the primary façade shall be human scale and promote pedestrian interaction at the street level. The ground-floor shall be no more than fourteen-feet in height from floor to ceiling. This shall apply to single-story and multi-story buildings.
  - d. The primary façade shall be defined as the side of the building which abuts a legally accessible public right-of-way and are limited to primary and secondary streets.
    - i. Buildings with multiple street frontages shall have a primary façade on all street frontages.
  - e. Multi-building developments that are repetitive in building design, scale and massing shall be prohibited. Multi-building developments shall include two or more of the following features:
    - i. A distinction in architectural style elements
    - ii. A distinction in the structure shape and size
    - iii. A distinct variation in color and use of materials
    - iv. A distinction in structure height by at least ten percent
    - v. A variation in roof form.
2. Exterior materials
- a. All exterior façades shall be harmonious in design and material with the chosen Modern, Traditional, and Regional Architecture style.
    - i. The following exterior materials are allowed: brick, sandstone, other native stone, tinted/textured masonry, stucco, wood siding, manmade materials which resemble wood siding, or other materials similar in appearance and durability. Concrete block shall have a stucco finish.
    - ii. Manmade substances such as foam or false stone may be utilized in accent areas such as molding or cornice work, but are otherwise prohibited, unless approved as part of a LEED or alternative green certification program.

- b. The use of exterior colors that are of high-intensity, metallic, or fluorescent tones shall be prohibited.
- c. All accessory structures shall be shall have exterior materials complimentary to the primary façade and architectural style.
- d. Increase of square footage, enlargement, or extension of a nonconforming building consistent with Section 3-11 shall require compliance with the exterior materials requirements on all new and existing buildings.

3. Windows and entrances

- a. The ground floor portion of primary façades shall comprise of windows that allow views of indoor space or product display areas.
  - i. Mirrored or reflected glass is not permitted on any façade.
  - ii. The ground floor portion of all primary and side façades shall have windows that begin no lower than 18 inches from the finished floor and extend no lower than 18 inches from the ceiling.
  - iii. Faux windows are not permitted in lieu of exterior window treatments on the primary façade.
- b. The primary entrance shall face a public sidewalk. Entrances at building corners may be used to satisfy this requirement.
  - i. Where multiple bays are located within a commercial and/or retail development, each bay shall have a separate exterior customer entrance.
- c. Side and rear façades visible from a primary or secondary street shall include windows and door openings or similarly proportioned modulations consistent with the chosen Regional Architecture style.
- d. Increase of square footage, enlargement, or extension of a nonconforming building consistent with Section 3-11 shall require compliance with the building windows and entrances requirements on all new and existing buildings.

4. Building placement and site layout

- a. All new building construction, shall abut the primary right-of-way or, if applicable, a public easement abutting the primary right-of-way.
  - i. All new building construction that increases square footage, enlarges, or extends a nonconforming building consistent with Section 3-11 shall abut the primary right-of-way. Alternate building placement for nonconforming buildings and/or nonconforming use of land may be approved by a resolution of the Town Council.

- b. All new development surface parking areas shall be located to the rear and/or side of the building. Surface parking areas shall not abut a primary street for all new development. Surface parking areas shall not abut a secondary street for more than 25 percent.
  - i. Surface parking area shall be defined as the area that includes parking, loading, drive, parking storage, and required landscape areas.
  - ii. Surface parking areas abutting a secondary street shall require the inclusion of a perimeter site buffer between the surface parking area, required landscape area, and the secondary street. The required buffer shall be transparent such as a vined pergola, shade structures, covered freestanding arcades or similar features. Walls, fences, or landscape hedges or tree walls are not allowed as the perimeter buffer. The perimeter buffer shall include pedestrian access to the secondary street.
  - iii. Surface parking areas greater than 2,500 square feet shall include at least 25 percent porous surface.
- c. All new building construction in the Transit Corridor District and Town Center District Subdistrict Edge that increases square footage, enlarges, or extends a nonconforming building consistent with Section 3-11 shall require the inclusion of a perimeter site buffer between existing surface parking areas and the adjacent primary and secondary streets.
  - i. The required buffer shall allow pedestrian access to the adjacent primary and secondary streets.
  - ii. The required buffer shall be transparent such as a vined pergola, shade structures, covered freestanding arcades or similar features. Walls, fences, landscape hedges, or tree walls are not allowed as the perimeter buffer.
  - iii. Alternate perimeter buffer for nonconforming buildings and/or nonconforming use of land may be approved by a resolution of the Town Council.
- d. Where permissible, drive-thru customer services shall be located at the rear of the building or on a side which does not abut a primary street.
- e. Development located along designated transit routes shall provide on-site accommodations for public transit access, such as pedestrian walkways, a bus pullout and shelters consistent with adopted transit plans.

- i. Increase of square footage, enlargement, or extension of a nonconforming building consistent with Section 3-11 shall require compliance with the public transit access requirements.
- f. Pedestrian walkways shall be provided from building entries to adjacent right-of-way, on-site parking areas, and on-site outparcel buildings.
  - i. Pedestrian walkways shall be constructed with decorative pavers.
  - ii. Increase of square footage, enlargement, or extension of a nonconforming building consistent with Section 3-11 shall require compliance with on-site pedestrian circulation requirements.
- g. Site lighting, amenities, and site furniture style should be complementary to the architectural style of the buildings.
  - i. Increase of square footage, enlargement, or extension of a nonconforming building consistent with Section 3-11 shall require compliance with site lighting, amenities, and site furniture requirements.
- h. Bicycle parking and bicycle amenity stations shall be provided on all new development sites.
  - i. Increase of square footage, enlargement, or extension of a nonconforming building consistent with Section 3-11 shall require compliance with bicycle amenity requirements.
- i. Developments with residential uses, shall provide pet waste service stations in open space areas or by walking trails.
- j. Trash and recycling containers shall be located in the rear of the property, or on the side of the property when the rear of the property is inaccessible. Recycling containers shall be in a permanent enclosure that has exterior materials complimentary to the architectural style of primary building.
- k. Mechanical equipment shall be in the rear of the property, or on the side of the property when the rear of the property is inaccessible. Mechanical equipment shall be screened from view from the public right-of-way. Rooftop mechanical equipment is allowed as long as it is screened from view from the public right-of-way.
- l. Parking bays, loading areas, and garage entrances may not face a primary or secondary street.

m. Loading docks shall be screened from view of from primary streets.

5. Site amenities

New development in the Transit Corridor District on sites less than three acres and new developments in the Town Center District on sites less than 25,000 square feet shall provide at least two amenities from the list below. Such amenities shall be identified on the submitted site plan.

New development in the Transit Corridor District on sites three acres or greater and new developments in the Town Center District on sites 25,000 square feet or greater shall provide at least four site amenities from the list below. Such amenities shall be identified on the submitted site plan.

- a. Artwork accessible and visible to the public.
  - b. Pedestrian plaza with seating areas and shade structures -- minimum 500 square feet.
  - c. Green roof or rooftop garden covering a minimum of 75 percent of the roof.
  - d. Covered area along the primary façade -- minimum of 200 linear feet.
  - e. Outdoor shaded playground area -- minimum of 500 square feet.
  - f. Covered area dedicated for kiosks and temporary vendors -- minimum of 500 square feet.
  - g. A water element, such as a decorative fountain or similar water feature.
  - h. Clock tower or other focal feature at a human and pedestrian scale.
  - i. Renewable energy systems such as photovoltaic panels integrated into site features or buildings not part of a LEED or alternative green certification program.
- ~~(a) Balconies, bay windows, arcades, porches at an upper level and their supports at ground level, together with awnings above head height, are permitted to encroach into setbacks and up to eight feet of the width of the sidewalk. Encroaching arcades shall cover the entire sidewalk unless town council approves an acceptable alternative.~~
- ~~(b) Drive-thru customer services, if permitted in the district, must be located at the rear of the building or on a side which does not abut a street.~~
- ~~(c) Parking shall be located to the rear and/or side of the building. Sideyard parking may occupy no more than 45 percent of the principal frontage line. Parking shall not be placed in any sideyard abutting an intersecting street.~~

- ~~(d) Trash containers and mechanical equipment shall be located in a side parking area, if no rear parking is available. Trash containers and mechanical equipment shall be screened from view from the public right of way.~~
- ~~(e) Building walls shall be brick, sandstone, other native stone, tinted/textured masonry, stucco, or other materials similar in appearance and durability. Decorative concrete block may be used on building walls not visible from a public street or as an accent material only. Manmade substances such as plastic wood, foam, or false stone are prohibited, unless approved as part of a LEED or alternative green certification program. All accessory structures shall be clad in materials matching the building facade.~~
- ~~(f) The first floor of street level building facades shall be a minimum of 50 percent and a maximum of 70 percent in windows or doorways. Faux or display casements are not permitted in lieu of exterior window treatments for the frontage elevation. No frontage wall shall remain unpierced by a window or functional general access doorway for more than 16 feet.~~
- ~~(g) No more than 45 percent of the total area of the facade may be comprised of glass area or other openings.~~
- ~~(h) Mirrored or reflected glass is not permitted in any location.~~
- ~~(i) A change in design, doors, window rhythm and articulation, and building materials and textures shall be required at least every 100 feet along a building's street frontage. Minimum spacing between the similar architectural compositions shall be 300 feet. Development in the town center is exempt from this provision.~~
- ~~(j) Building facades shall have a maximum width of 70 feet before new facade articulation is required.~~
- ~~(k) No exterior wall facing a street or pedestrian walkway shall have a blank, uninterrupted length exceeding 30 feet without including at least two of the following: change in plane, change in texture or masonry pattern, windows, lattice work with vines, or an equivalent element that subdivides the wall into human scale proportions.~~
- ~~(l) Side and rear walls adjoining pedestrian walkways shall include windows and door openings defined by frames (false windows and doors may be allowed in certain situations), sills and lintels, or similarly proportioned modulations of the wall. All sides of the building shall include materials and design characteristics consistent with those on the front of the building.~~
- ~~(m) Building facades shall have a recognizable "base," including, but not limited to, thicker walls, ledges and sills using integrally textured materials such as stone or other masonry or inclusion of planters.~~
- ~~(n) Building facades shall have a recognizable "top," including, but not limited to, cornice treatments (other than just colored "stripes" or "bands,") with integrally textured materials such as stone or other masonry, sloping roof with overhangs or brackets, or parapets with three-dimensional cornice treatment.~~

- ~~(o) Development located along designated transit routes shall provide on-site accommodations for public transit access, such as pedestrian walkways, a bus pullout and shelters where applicable following transit plans.~~
- ~~(p) Where multiple stores are located within a larger retail development, each such store shall have a separate exterior customer entrance.~~
- ~~(q) Pedestrian sidewalks shall be provided from building entries to surrounding streets, parking spaces, external sidewalks, and outparcels.~~
- ~~(r) Entrance canopies shall face the street. Bays and garage entrances may not face the fronting street.~~
- ~~(s) The use of exterior colors that are of high intensity, metallic, or fluorescent tones shall be prohibited.~~
- ~~(t) Development over five acres in area shall provide at least four of the following:~~
  - ~~(1) Patio with a minimum of 1,000 square feet in area with shaded seating;~~
  - ~~(2) Pedestrian plaza with a minimum of 1,000 square feet in area with benches and shade structures;~~
  - ~~(3) Green roof, rooftop garden or a green wall covering a minimum of 75 percent of the area;~~
  - ~~(4) Window shopping covered arcade with a minimum of 1,000 linear feet in length;~~
  - ~~(5) Outdoor shaded playground area with a minimum of 1,000 square feet in area;~~
  - ~~(6) Covered kiosk area with a minimum of 1,000 square feet in area;~~
  - ~~(7) Water feature with a minimum of 1,000 square feet in area; or~~
  - ~~(8) Clock tower or other focal feature;~~

~~That, in the judgment of the director, adequately enhances such community and public spaces. Such areas may be combined into one or more locations, in order to create a larger amenity. Any such areas shall have direct access to the public sidewalk network and shall not be constructed of materials inferior to the principal materials of the building and landscape.~~

- ~~(u) Buildings shall incorporate a minimum of eight of the following design treatments:~~
  - ~~(1) Canopies or portico integrated with the building's massing and style;~~
  - ~~(2) Overhangs with a minimum of three feet in depth along all building walls;~~
  - ~~(3) Arcades with a minimum of eight feet clear in width along the building facade;~~
  - ~~(4) Artwork accessible and visible to the public;~~
  - ~~(5) Raised cornice or building banding with a minimum of two reliefs along the building facade;~~
  - ~~(6) Peaked roof forms;~~
  - ~~(7) Consistent pattern of arches across the street level primary building facade;~~

- ~~(8) Consistent rhythm of display windows across the street level primary building facade;~~
- ~~(9) Ornamental and structural architectural details, other than cornices, which are integrated into the building structure and overall design;~~
- ~~(10) Projected and covered entry a minimum of five feet in width;~~
- ~~(11) Metal or tile roof as the dominant roof material;~~
- ~~(12) Decorative landscape planters, a minimum of five feet wide, and areas for shaded seating consisting of a minimum of 100 square feet;~~
- ~~(13) Integration of specialty pavers, or stamped concrete along the building's walkway. Said treatment shall constitute a minimum of 60 percent of walkway area;~~
- ~~(14) Water elements, such as a decorative fountain or similar water feature, a minimum of 300 square feet in area;~~
- ~~(15) Integration of porous surfaces over at least 1,000 square feet or 25 percent of a pervious area, whichever is greater.~~

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## ARTICLE VII. – LANDSCAPING AND TREE PRESERVATION

\* \* \*

Sec. 3-103. - Plant material and installation.

~~Plant material used to meet the requirements of this article shall meet Unless otherwise noted, plant material shall conform to the standards for Florida Number 1 or better, as defined by the current edition of the set out in Grades and Standards for Nursery Plants, Division of Plant Industry, Part I and Part II Florida Department of Agriculture and Consumer Services, State of Florida, as amended. At least 75 percent of the trees and 50 percent of the shrubs used to fulfill these requirements on a site shall be native Southern Florida species. In addition, at least 75 percent of the trees and shrubs used to fulfill these requirements on a site shall be drought tolerant species.~~

- (1) Plant Material. The Town adopts the *Cutler Bay Plant List* as a basis for plant material selection. Other plant material species proposed may be submitted for Town approval. Minimum standards are as follows:
  - a. **Native Requirement:** A Minimum 75 percent of plant material must be Florida native species.
  - b. **Rockland Requirement:** Properties located in the Town Center District, Transit Corridor District, and the Neighborhood Residential District must designate 10 percent of the required Florida native species using the plant material indigenous to the pine rockland and rockland hammock ecosystems.

- c. **Mangrove Requirement:** Mangroves shall be planted along the side of the property abutting coastal wetlands along the wetland delineation line as defined by Miami-Dade County DERM.
- d. **Drought Tolerant Requirement:** A Minimum 50 percent of plant material must be drought tolerant.
- e. **Plant Size Requirement:** Minimum installed plant size by plant material type

<u>Canopy Tree</u>	<u>6 inch caliper</u>
<u>Street Trees</u>	<u>6 inch caliper</u>
<u>Shade Trees</u>	<u>4 inch caliper</u>
<u>Understory Trees</u>	<u>1 inch caliper</u>
<u>Specimen Palms</u>	<u>18 foot height, 10 foot clear trunk or 8 foot grey wood, 12 inch DBH</u>
<u>Palms</u>	<u>12 foot height, 6 foot grey wood</u>
<u>Mangroves</u>	<u>3 -- 5 leaf stage rooted seedlings</u>
<u>Understory Palms</u>	<u>5 foot height</u>
<u>Equipment Screening Material</u>	<u>7 gallon container, 36 inch height</u>
<u>Hedge</u>	<u>3 gallon container, 24 inch height</u>
<u>Shrubs</u>	<u>3 gallon container, 18 inch height</u>
<u>Groundcover</u>	<u>1 gallon container, 6 inch height</u>

- f. **Species mix:** No one species and no one category of species can exceed 25 percent of the minimum number of plant material required.
- g. **Existing trees or palms to remain or relocate credits:** Existing trees and palms (excluding prohibited species) preserved on site or relocated will be credited towards meeting the planting requirements of this article as approved by Town staff.

- i. Applicants must coordinate with Town staff to prepare a Plant Condition Report for review. The Plant Condition Report must document the existing condition of trees and palms (excluding prohibited species) scheduled to protect in place, to relocate on site, or offered to the Town, with equivalent square inch site replacement material of 3 inch diameter at breast height measured 54 inches above grade (DBH).
- ii. The Plant Condition Report must be prepared by an International Society of Arboriculture Certified Arborist, or a Florida Licensed Landscape Architect.
- iii. The Plant Condition Report must include at a minimum:
  - i. Tree and palm quantities to match the submitted plans;
  - ii. Species and cross sectional area, DBH of palms and caliper of trees;
  - iii. Description of any damage, disease, scars, or infestation;
  - iv. Photographs of each tree or palm; and
  - v. The condition rating for each plant categorized as Excellent, Good, Fair, Poor, Very Poor, or Dead, in accordance with the 'Guide for Plant Appraisal 10th Ed.', as amended.
- iv. Existing trees and palms will be reviewed in the following order of disposition.
  - i. Existing trees and palms of fair quality or better, protected in place will be credited an equivalent of 1:1 square inch.
  - ii. If existing trees and palms cannot be protected in place, as determined by the Town, they must be relocated on site. Existing trees or palms of good quality or better relocated on site will be credited an equivalent of 1:1 square inch.
  - iii. If existing trees and palms cannot be relocated on site, as determined by the Town, they must be made available to the Town. The equivalent square inches must be replaced on site. Replacements must be 3 inch minimum caliper and will be credited towards meeting the planting requirements of this article.
- v. Credits applied to trees and palms protected in place or relocated on site must be labeled as protected-credit tree or palm. If the protected-credit tree or palm dies or declines below their original condition rating, they must be replaced by the number of credit trees taken.

(2) Installation.

- a. Minimum Setbacks from utility and other structures:
  - i. Trees, palms, and shrubs: 8 feet from fire equipment.
  - ii. Trees: 12 feet from street lights.
  - iii. Palms: 7 feet from street lights.
- b. Minimum Tree spacing:
  - i. Tree and palm spacing: 3 times root ball size.
- c. Minimum pervious area per tree:
  - i. Canopy tree, Street tree or Shade tree: 200 square foot
  - ii. Understory trees and palms: 64 square feet
- d. Planting Soil:
  - i. Excavate planting areas to a minimum depth of 12 inches where existing soil is unsuitable. Backfill with approved planting soil.
- e. Mulch:
  - i. Install and maintain mulch at a minimum thickness of 3 inches.
  - ii. Keep mulch 6 inches away from the trunks of trees, and 3 inches away from the base of shrubs.
  - iii. Decorative stone or gravel may be utilized upon approval by the Town in lieu of mulch.
- f. Staking:
- g. Brace/stake installed trees and palms.
- h. Prohibited species.
  - i. The Town adopts the current edition of the Florida Exotic Pest Plant Council Invasive Plant List provided at <https://www.fleppc.org>. Species listed as category 1 and category 2 are prohibited.

(3) Cutler Bay Plant List.

<u>SCIENTIFIC NAME</u>	<u>COMMON NAME</u>	<u>NATIVE SPECIES</u>	<u>ROCKLAND HAMMOCK SPECIES</u>	<u>PINE ROCKLAND SPECIES</u>
<u>Trees</u>		-	-	-
<u>Acacia choriophylla</u>	<u>Cinnecord,</u> <u>Tamarindillo,</u> <u>Thornless Acacia</u>	<u>X</u>	-	-

<u>Acacia cyanophylla</u>	<u>Beach Acacia</u>	-	-	-
<u>Acer rubrum</u>	<u>Red Maple</u>	<u>X</u>	-	-
<u>Adansonia digitata</u>	<u>Baobab</u>	-	-	-
<u>Annona glabra</u>	<u>Pond Apple, Custard Apple</u>	<u>X</u>	-	-
<u>Avicennia germinans</u>	<u>Black Mangrove</u>	<u>X</u>	-	-
<u>Azadirachta indica</u>	<u>Neem Tree</u>	-	-	-
<u>Bombax ceiba</u>	<u>Red Silk Cotton Tree</u>	-	-	-
<u>Bourreria succulenta</u>	<u>Strongbark</u>	<u>X</u>	<u>X</u>	-
<u>Brachychiton acerifolia</u>	<u>Bottle Tree</u>	-	-	-
<u>Bucida buceras</u>	<u>Black Olive</u>	-	-	-
<u>Bucida molinetti</u>	<u>Spiny Black Olive</u>	<u>X</u>	<u>X</u>	-
<u>Bulnesia arborea</u>	<u>Verawood</u>	-	-	-
<u>Bursera simaruba</u>	<u>Gumbo Limbo</u>	<u>X</u>	<u>X</u>	-
<u>Butea monosperma</u>	<u>Flame Of The Forest</u>	-	-	-
<u>Caesalpinia granadillo</u>	<u>Bridalveil Tree</u>	-	-	-
<u>Caesalpinia mexicana</u>	<u>Mexican Cassia</u>	-	-	-
<u>Caesalpinia pulcherrima</u>	<u>Pride Of Barbados</u>	-	-	-

<u>Calliandra haematocephala</u>	<u>Red Powderpuff</u>	-	-	-
<u>Calliandra surinamensis</u>	<u>Pink Powderpuff</u>	-	-	-
<u>Cananga odorata</u>	<u>Ylang</u>	-	-	-
<u>Canella winterana</u>	<u>Cinnamon Bark,</u> <u>Wild Cinnamon</u>	<u>X</u>	-	-
<u>Carya floridana</u>	<u>Scrub Hickory</u>	<u>X</u>	-	-
<u>Cassia fistula</u>	<u>Golden Shower</u>	-	-	-
<u>Cassia javanica</u>	<u>Apple Blossom</u>	-	-	-
<u>Ceiba pentandra</u>	<u>Kapok Tree</u>	-	-	-
<u>Celtis laevigata</u>	<u>Hackberry,</u> <u>Sugarberry</u>	<u>X</u>	-	-
<u>Coccoloba diversifolia</u>	<u>Pigeon Plum</u>	<u>X</u>	<u>X</u>	-
<u>Chorisia speciose</u>	<u>Silk Floss Tree</u>	-	-	-
<u>Chrysophyllum oliviforme</u>	<u>Satinleaf</u>	<u>X</u>	<u>X</u>	-
<u>Citharexylum spinosum</u>	<u>Fiddlewood</u>	<u>X</u>	-	-
<u>Clusia rosea</u>	<u>Pitch Apple,</u> <u>Autograph Tree</u>	<u>X</u>	-	-
<u>Colubrina arborescens</u>	<u>Greenheart</u>	<u>X</u>	-	-
<u>Colubrina elliptica</u>	<u>Soldierwood</u>	<u>X</u>	-	-
<u>Conocarpus erectus</u>	<u>Green Buttonwood</u>	<u>X</u>	-	-

<u>Conocarpus erectus sericeus'</u>	<u>Silver Buttonwood</u>	<u>X</u>	-	-
<u>Cordia boissieri</u>	<u>White Geiger</u>	-	-	-
<u>Cordia lutea</u>	<u>Yellow Geiger</u>	-	-	-
<u>Cordia sebestena</u>	<u>Orange Geiger</u>	<u>X</u>	-	-
<u>Delonix regia</u>	<u>Royal Poinciana</u>	-	-	-
<u>Diospyros virginiana</u>	<u>Persimmon</u>	<u>X</u>	-	-
<u>Drypetes diversifolia</u>	<u>Milkbark,</u> <u>Whitewood</u>	<u>X</u>	-	-
<u>Drypetes lateriflora</u>	<u>Guiana Plum</u>	<u>X</u>	<u>X</u>	-
<u>Elaeocarpus decipiens</u>	<u>Japanese Blueberry</u>	-	-	-
<u>Eriobotrya japonica</u>	<u>Loquat</u>	-	-	-
<u>Erythrina crista galli</u>	<u>Cockspur Coral Tree</u>	-	-	-
<u>Eucalyptus deglupta</u>	<u>Rainbow Eucalyptus</u>	-	-	-
<u>Eugenia confusa</u>	<u>Ironwood, Red Berry Stopper</u>	<u>X</u>	-	-
<u>Euphoria longan</u>	<u>Longan</u>	-	-	-
<u>Exothea paniculata</u>	<u>Inkwood,</u> <u>Butterbough</u>	<u>X</u>	<u>X</u>	-
<u>Ficus aurea</u>	<u>Strangler Fig</u>	<u>X</u>	<u>X</u>	-
<u>Ficus citrifolia</u>	<u>Shortleaf Fig, Wild Banyan</u>	<u>X</u>	<u>X</u>	-

<u>Ficus rubiginosa</u>	<u>Rusty Leaf</u>	-	-	-
<u>Filicium decipiens</u>	<u>Japanese Fern Tree</u>	-	-	-
<u>Genipa clusiifolia</u>	<u>Seven Year Apple</u>	<u>X</u>	-	-
<u>Guaiacum sanctum</u>	<u>Lignum Vitae</u>	<u>X</u>	-	-
<u>Guapira discolor</u>	<u>Blolly, Beefwood</u>	<u>X</u>	<u>X</u>	-
<u>Gymnanthes lucida</u>	<u>Crabwood,</u> <u>Oysterwood</u>	<u>X</u>	-	-
<u>Ilex cassine</u>	<u>Dahoon Holly</u>	<u>X</u>	-	-
<u>Ilex krugiana</u>	<u>Krugs Holly</u>	<u>X</u>	-	-
<u>Jacaranda mimosifolia</u>	<u>Jacaranda</u>	-	-	-
<u>Jatropha multifidi</u>	<u>Coral Jatropha</u>	-	-	-
<u>Khaya nyasica</u>	<u>African Mahogany</u>	-	-	-
<u>Kigelia pinnata</u>	<u>Sausage Tree</u>	-	-	-
<u>Krugiodendron ferreum</u>	<u>Black Ironwood</u>	<u>X</u>	<u>X</u>	-
<u>Lagerstroemia indica</u>	<u>Crepe Myrtle</u>	-	-	-
<u>Lagerstroemia speciosa</u>	<u>Queen Crepe Myrtle</u>	-	-	-
<u>Laguncularia racemose</u>	<u>White Mangrove</u>	<u>X</u>	=	=
<u>Ligustrum japonicum</u>	<u>Japanese Privet</u>	-	-	-
<u>Lysiloma latisiliquum</u>	<u>Wild Tamarind,</u> <u>False Tamarind</u>	<u>X</u>	-	-

<u>Lysiloma sabicu</u>	<u>Horseflesh Mahogany</u>	-	-	-
<u>Magnolia virginiana</u>	<u>Sweet Bay Magnolia</u>	<u>X</u>	-	-
<u>Manilkara jaimiqui subsp. Emarginata</u>	<u>Wild Dilly</u>	<u>X</u>	-	<u>X</u>
<u>Myrsine cubana</u>	<u>Myrsine, Colicwood</u>	<u>X</u>	-	-
<u>Noronhia emarginata</u>	<u>Madagascar Olive</u>	-	-	-
<u>Ocotea coriacea</u>	<u>Lancewood</u>	<u>X</u>	-	-
<u>Osmanthus fragrans</u>	<u>Sweet Olive</u>	-	-	-
<u>Peltophorum pterocarpum</u>	<u>Copper Pod</u>	-	-	-
<u>Persea borbonia</u>	<u>Red Bay</u>	<u>X</u>	-	-
<u>Persea palustris</u>	<u>Swamp Bay</u>	<u>X</u>	-	-
<u>Pimenta dioica</u>	<u>Allspice</u>	-	-	-
<u>Pimenta racemosa</u>	<u>Bay Rum</u>	-	-	-
<u>Pinus elliottii</u>	<u>Slash Pine</u>	<u>X</u>	-	<u>X</u>
<u>Podocarpus gracilior</u>	<u>Weeping Podocarpus</u>	-	-	-
<u>Prunus myrtifolia</u>	<u>West Indian Cherry</u>	<u>X</u>	-	-
<u>Prunus umbellate</u>	<u>Flatwoods Plum</u>	<u>X</u>	-	-
<u>Pseudobombax ellipticum</u>	<u>Shaving Brush Tree</u>	-	-	-
<u>Quercus chapmanii</u>	<u>Chapmans Oak</u>	<u>X</u>	-	-

<u>Quercus laurifolia</u>	<u>Laurel Oak</u>	<u>X</u>	-	-
<u>Quercus myrtifolia</u>	<u>Myrtle Oak</u>	<u>X</u>	-	-
<u>Quercus virginiana</u>	<u>Live Oak</u>	<u>X</u>	<u>X</u>	-
<u>Reynosa septentrionalis</u>	<u>Darling Plum, Red Ironwood</u>	<u>X</u>	-	-
<u>Rhizophora mangle</u>	<u>Red Mangrove</u>	<u>X</u>	-	-
<u>Samanea saman</u>	<u>Monkeypod</u>	-	-	-
<u>Sapindus saponaria</u>	<u>Wingleaf Soapberry</u>	<u>X</u>	-	-
<u>Schaefferia frutescens</u>	<u>Yellowwood, Florida Boxood</u>	<u>X</u>	-	-
<u>Schizolobium parahyba</u>	<u>Tower Tree</u>	-	-	-
<u>Senna polyphylla</u>	<u>Senna</u>	-	-	-
<u>Senna surattensis</u>	<u>Glaucous Cassia</u>	-	-	-
<u>Sideroxylon celastrinum</u>	<u>Saffron Plum</u>	<u>X</u>	-	-
<u>Sideroxylon foetidissimum</u>	<u>Mastic, False Mastic, Wild Olive</u>	<u>X</u>	-	-
<u>Sideroxylon salicifolium</u>	<u>Willow Busic</u>	-	<u>X</u>	-
<u>Sideroxylon tenax</u>	<u>Tough Buckthorn, Tough Bully</u>	<u>X</u>	-	-
<u>Simarouba glauca</u>	<u>Paradise Tree, Bitterwood</u>	<u>X</u>	-	-
<u>Spathodea campanulata</u>	<u>African Tulip Tree</u>	-	-	-

<u>Swietenia mahagoni</u>	<u>West Indian Mahogany</u>	<u>X</u>	-	-
<u>Tabebuia caraiba</u>	<u>Yellow Trumpet Tree</u>	-	-	-
<u>Tabebuia heterophylla</u>	<u>Pink Trumpet Tree</u>	-	-	-
<u>Tabebuia impetiginosa</u>	<u>Purple Trumpet Tree</u>	-	-	-
<u>Taxodium ascendens</u>	<u>Pond Cypress</u>	<u>X</u>	-	-
<u>Taxodium distichum</u>	<u>Bald Cypress</u>	<u>X</u>	-	-
<u>Triplaris cumingiana</u>	<u>Long John Tree</u>	-	-	-
<u>Ulmus parvifolia</u>	<u>Chinese Elm</u>	-	-	-
<u>Vachellia choriophylla</u>	<u>Cinnecord</u>	<u>X</u>	-	<u>X</u>
<u>Zanthoxylum clava herculis</u>	<u>Hercules Club</u>	<u>X</u>	-	-
<u>Zanthoxylum fagara</u>	<u>Wild Lime, Colina, Lime Pricklyash</u>	<u>X</u>	-	-
-	-	-	-	-
<b><u>Palms</u></b>		-	-	-
<u>Adonidia merrilli</u>	<u>Christmas Palm</u>	-	-	-
<u>Archontophoenix alexandrae</u>	<u>Alexandra King Palm</u>	-	-	-
<u>Bismarckia nobilis</u>	<u>Bismarckia Palm</u>	-	-	-
<u>Butia capitata</u>	<u>Pindo Palm</u>	-	-	-

<u>Carpentaria acumenata</u>	<u>Carpenter Palm</u>	-	-	-
<u>Chamaedorea cataractarum</u>	<u>Cat Palm</u>	-	-	-
<u>Coccothrinax argentata</u>	<u>Florida Silver Palm</u>	<u>X</u>	<u>X</u>	-
<u>Chamaerops humilis</u>	<u>European Fan Palm</u>	-	-	-
<u>Coccothrinax miraguama</u>	<u>Miraguama Palm</u>	-	-	-
<u>Copernicia baileyana</u>	<u>Bailey Palm</u>	-	-	-
<u>Copernicia macroglossa</u>	<u>Cuban Petticoat</u>	-	-	-
<u>Copernicia prunifera</u>	<u>Carnauba Wax Palm</u>	-	-	-
<u>Corypha umbraculifera</u>	<u>Talipot Palm</u>	-	-	-
<u>Dictyosperma album</u>	<u>Princess/Hurricane Palm</u>	-	-	-
<u>Dypsis cabadae</u>	<u>Cabadae Palm</u>	-	-	-
<u>Dypsis decaryi</u>	<u>Triangle Palm</u>	-	-	-
<u>Dypsis lastelliana</u>	<u>Teddy Bear Palm</u>	-	-	-
<u>Dypsis lutescens</u>	<u>Areca Palm</u>	-	-	-
<u>Elaeis guineensis</u>	<u>African Oil Palm</u>	-	-	-
<u>Heterospathe elata</u>	<u>Sagisi Palm</u>	-	-	-
<u>Howea forsteriana</u>	<u>Kentia Palm</u>	-	-	-

<u>Hyophorbe lagenicaulis</u>	<u>Bottle Palm</u>	-	-	-
<u>Hyophorbe verschaffeltii</u>	<u>Spindle Palm</u>	-	-	-
<u>Latania loddigesii</u>	<u>Blue Latan Palm</u>	-	-	-
<u>Latania lontaroides</u>	<u>Red Latan Palm</u>	-	-	-
<u>Licuala grandis</u>	<u>Licuala Palm</u>	-	-	-
<u>Licuala spinose</u>	<u>Spiny Licuala</u>	-	-	-
<u>Livistona decipiens</u>	<u>Ribbon Palm</u>	-	-	-
<u>Leucothrinax morrisii</u>	<u>Brittle Thatch Palm,</u> <u>Key Thatch Palm</u>	<u>X</u>	-	-
<u>Phoenix canariensis</u>	<u>Canary Island Date Palm</u>	-	-	-
<u>Phoenix dactylifera</u>	<u>Medjool Palm</u>	-	-	-
<u>Phoenix reclinata</u>	<u>Senegal Date Palm</u>	-	-	-
<u>Phoenix roebellenii</u>	<u>Pygmy Date Palm</u>	-	-	-
<u>Phoenix rupicola</u>	<u>Cliff Date Palm</u>	-	-	-
<u>Phoenix sylvestris</u>	<u>Wild Date Palm</u>	-	-	-
<u>Pseudophoenix sargentii</u>	<u>Florida Cherry Palm, Buccaneer Palm</u>	<u>X</u>	-	<u>X</u>
<u>Ptychosperma macarthurii</u>	<u>Macarthur Palm</u>	-	-	-
<u>Rhapis excels</u>	<u>Lady Palm</u>	-	-	-
<u>Roystonea regia</u>	<u>Royal Palm</u>	<u>X</u>	-	-
<u>Sabal palmetto</u>	<u>Cabbage Palm</u>	<u>X</u>	-	<u>X</u>

<u>Syagrus romanzoffiana</u>	<u>Queen Palm</u>	-	-	-
<u>Thrinax radiata</u>	<u>Florida Thatch Palm</u>	<u>X</u>	-	-
<u>Trachycarpus fortunei</u>	<u>Windmill Palm</u>	-	-	-
<u>Veitchia spp.</u>	<u>Veitchia Palm</u>	-	-	-
<u>Wodyetia bifurcata</u>	<u>Foxtail Palm</u>	-	-	-
-	-	-	-	-
<b><u>Shrubs</u></b>		-	-	-
<u>Agave decipiens</u>	<u>False Sisal</u>	<u>X</u>	-	-
<u>Amorpha fruticosa</u>	<u>False Indigo Bush</u>	<u>X</u>	-	-
<u>Angadenia berteroi</u>	<u>Pineland Allamanda,</u> <u>Pineland Golden Trumpet</u>	<u>X</u>	-	-
<u>Ardisia escallonioides</u>	<u>Marlberry,</u> <u>Marbleberry</u>	<u>X</u>	<u>X</u>	-
<u>Asimina reticulata</u>	<u>Dog Banana, Netted Pawpaw</u>	<u>X</u>	-	-
<u>Baccharis halimifolia</u>	<u>Groundsel Tree, Sea Myrtle, Salt Bush</u>	<u>X</u>	-	-
<u>Batis maritima</u>	<u>Saltwort,</u> <u>Turtleweed</u>	<u>X</u>	-	-
<u>Bejaria racemose</u>	<u>Tarflower, Flyweed</u>	<u>X</u>	-	-
<u>Borrchia arborescens</u>	<u>Shrubby Sea OxEye Daisy</u>	<u>X</u>	-	-

<u>Bourreria cassinifolia</u>	<u>Little Strongbark</u>	<u>X</u>	-	-
<u>Byrsonima lucida</u>	<u>Locustberry, Long Key Locustberry</u>	<u>X</u>	-	<u>X</u>
<u>Callicarpa americana</u>	<u>American Beautyberry</u>	<u>X</u>	-	-
<u>Cephalanthus occidentalis</u>	<u>Buttonbush</u>	<u>X</u>	-	-
<u>Chiococca alba</u>	<u>Snowberry</u>	<u>X</u>	-	-
<u>Chrysobalanus icaco</u>	<u>Cocoplum</u>	<u>X</u>	-	-
<u>Coccoloba uvifera</u>	<u>Seagrape</u>	<u>X</u>	-	-
<u>Conradina grandiflora</u>	<u>Large Flowered Conradina, Large flower False Rosemary</u>	<u>X</u>	-	-
<u>Crossopetalum ilicifolium</u>	<u>Quailberry, Christmasberry</u>	<u>X</u>		<u>X</u>
<u>Crossopetalum rhacoma</u>	<u>Rhacoma, Maidenberry</u>	<u>X</u>	-	-
<u>Cynophalla flexuosa</u>	<u>Limber Caper, Bay Leaved Caper, Bay Leaved Capertree</u>	<u>X</u>	-	-
<u>Dodonaea viscosa</u>	<u>Varnish Leaf, Florida Hopbush</u>	<u>X</u>	-	-
<u>Erithalis fruticose</u>	<u>Black Torch</u>	<u>X</u>	-	-
<u>Ernodea littoralis</u>	<u>Beach Creeper, Golden Creeper</u>	<u>X</u>	-	-

<u>Erythrina herbacea</u>	<u>Coralbean,</u> <u>Cherokee Bean</u>	<u>X</u>	-	-
<u>Eugenia axillaris</u>	<u>White Stopper</u>	<u>X</u>	-	-
<u>Eugenia foetida</u>	<u>Spanish Stopper,</u> <u>Boxleaf Stopper</u>	<u>X</u>	-	-
<u>Eugenia rhombea</u>	<u>Red Stopper,</u> <u>Spiceberry</u>	<u>X</u>	-	-
<u>Geobalanus oblongifolius</u>	<u>Gopher Apple</u>	<u>X</u>	-	-
<u>Hamelia patens</u>	<u>Firebush</u>	<u>X</u>		<u>X</u>
<u>Helianthus debilis</u>	<u>East Coast Dune</u> <u>Sunflower</u>	<u>X</u>	-	-
<u>Heliotropium angiospermum</u>	<u>Scorpion Tail</u>	<u>X</u>	-	-
<u>Heliotropium gnaphalodes</u>	<u>Sea Lavender, Sea</u> <u>Rosemary</u>	<u>X</u>	-	-
<u>Heterosavia bahamensis</u>	<u>Maidenbush</u>	<u>X</u>	-	-
<u>Hypericum cistifolium</u>	<u>Roundpod St. Johns</u> <u>Wort</u>	<u>X</u>	-	-
<u>Hypericum fasciculatum</u>	<u>Sandweed</u>	<u>X</u>	-	-
<u>Hypericum hypericoides</u>	<u>St. Andrews Cross</u>	<u>X</u>	-	-
<u>Hypericum myrtifolium</u>	<u>Myrtle Leaf St.</u> <u>Johns Wort</u>	<u>X</u>	-	-
<u>Hypericum tetrapetalum</u>	<u>Four Petal St. Peters</u> <u>Wort</u>	<u>X</u>	-	-
<u>Ilex glabra</u>	<u>Inkberry, Gallberry</u>	<u>X</u>	-	-

<u>Iva frutescens</u>	<u>Bigleaf Marsh Elder</u>	<u>X</u>	-	-
<u>Iva imbricate</u>	<u>Seacoast Sumpweed</u>	<u>X</u>	-	-
<u>Jacquinia keyensis</u>	<u>Joewood</u>	<u>X</u>	-	-
<u>Kosteletzkya virginica</u>	<u>Saltmarsh Mallow</u>	<u>X</u>	-	-
<u>Lantana depressa</u> <u>var. depressa</u>	<u>Gold Lantana</u>	<u>X</u>	-	-
<u>Lantana involucrata</u>	<u>Wild Lantana, Wild Sage</u>	<u>X</u>	-	-
<u>Lindera benzoin</u>	<u>Spicebush</u>	<u>X</u>	-	-
<u>Lyonia fruticose</u>	<u>Staggerbush</u>	<u>X</u>	-	-
<u>Lyonia lucida</u>	<u>Fetterbush, Shiny Lyonia</u>	<u>X</u>	-	-
<u>Morella cerifera</u>	<u>Wax Myrtle</u>	<u>X</u>	-	-
<u>Morinda royoc</u>	<u>Cheese Plant, Indian Mulberry, Yellowroot</u>	<u>X</u>	-	<u>X</u>
<u>Mosiera longipes</u>	<u>Long Stalked Stopper, Trailing Eugenia</u>	<u>X</u>	-	-
<u>Myrcianthes fragrans</u>	<u>Simpsons Stopper, Twinberry</u>	<u>X</u>	-	-
<u>Oenothera laciniata</u>	<u>Cutleaf Evening Primrose</u>	<u>X</u>	-	-
<u>Piloblephis rigida</u>	<u>Pennyroyal</u>	<u>X</u>	-	-
<u>Pithecellobium keyense</u>	<u>Florida Keys Blackbead</u>	<u>X</u>	-	-

<u>Pithecellobium unguis cati</u>	<u>Cats Claw, Catclaw Blackbead</u>	<u>X</u>	-	-
<u>Plumbago zeylanica</u>	<u>Wild Plumbago</u>	<u>X</u>	-	-
<u>Psychotria ligustrifolia</u>	<u>Bahama Wild Coffee</u>	<u>X</u>	-	-
<u>Psychotria nervosa</u>	<u>Shiny Leaf Wild Coffee, Wild Coffee</u>	<u>X</u>	-	-
<u>Quadrella jamaicensis</u>	<u>Jamaica Caper Tree</u>	<u>X</u>	-	-
<u>Randia aculeata</u>	<u>White Indigo Berry</u>	<u>X</u>	-	<u>X</u>
<u>Rhododendron canescens</u>	<u>Wild Azalea, Piedmont Azalea, Pinxter Azalea</u>	<u>X</u>	-	-
<u>Rhus copallinum</u>	<u>Winged Sumac</u>	<u>X</u>	-	-
<u>Rivina humilis</u>	<u>Rouge Plant</u>	<u>X</u>	-	-
<u>Sabal etonia</u>	<u>Scrub Palmetto</u>	<u>X</u>	-	-
<u>Sambucus nigra subsp. Canadensis</u>	<u>Elderberry, American Elder</u>	<u>X</u>	-	-
<u>Scaevola plumieri</u>	<u>Beachberry, Inkberry, Gullfeed</u>	<u>X</u>	-	-
<u>Senna ligustrina</u>	<u>Privet Senna, Privet Wild Sensitive Plant</u>	<u>X</u>	-	-
<u>Senna mexicana var. chapmanii</u>	<u>Chapmans Sensitive Plant, Bahama Senna</u>	<u>X</u>	-	-
<u>Serenoa repens</u>	<u>Saw Palmetto</u>	<u>X</u>	-	<u>X</u>
<u>Sideroxylon salicifolium</u>	<u>Willow Busic, White Bully</u>	<u>X</u>	-	-

<u>Sophora tomentosa</u> <u>var. truncata</u>	<u>Yellow</u> <u>Necklacepod</u>	<u>X</u>	-	-
<u>Suriana maritima</u>	<u>Bay Cedar</u>	<u>X</u>	-	-
<u>Vaccinium</u> <u>corymbosum</u>	<u>Highbush Blueberry</u>	<u>X</u>	-	-
<u>Vaccinium</u> <u>darrowii</u>	<u>Darrows Blueberry</u>	<u>X</u>	-	-
<u>Vaccinium</u> <u>myrsinites</u>	<u>Shiny Blueberry</u>	<u>X</u>	-	-
<u>Vachellia</u> <u>farnesiana</u>	<u>Sweet Acacia</u>	<u>X</u>	-	-
<u>Vallesia antillana</u>	<u>Pearl Berry,</u> <u>Tearshrub</u>	<u>X</u>	-	-
<u>Varronia</u> <u>bahamensis</u>	<u>Bahama Manjack</u>	<u>X</u>	-	<u>X</u>
<u>Varronia globosa</u>	<u>Bloodberry,</u> <u>Butterfly Sage</u>	<u>X</u>	-	-
<u>Viburnum</u> <u>dentatum</u>	<u>Southern</u> <u>Arrowwood</u>	<u>X</u>	-	-
<u>Ximenia</u> <u>americana</u>	<u>Tallowwood, Hog</u> <u>Plum</u>	<u>X</u>	-	-
<u>Yucca aloifolia</u>	<u>Spanish Bayonet,</u> <u>Aloe Yucca</u>	<u>X</u>	-	-
<u>Yucca filamentosa</u>	<u>Adams Needle,</u> <u>Beargrass</u>	<u>X</u>	-	-
<u>Zamia integrifolia</u>	<u>Arrowroot, Coontie</u>	<u>X</u>	-	<u>X</u>
-	-	-	-	-
<b><u>Flowers and Groundcovers Excluding</u></b> <b><u>Ferns and Grasses</u></b>		-	-	-

<u>Agalinis fasciculata</u>	<u>Beach False Foxglove</u>	<u>X</u>	-	-
<u>Aletris lutea</u>	<u>Yellow Colic Root</u>	<u>X</u>	-	-
<u>Ambrosia hispida</u>	<u>Coastal Ragweed, Bay Geranium</u>	<u>X</u>	-	-
<u>Argemone mexicana</u>	<u>Yellow Prickly Poppy</u>	<u>X</u>	-	-
<u>Asclepias incarnata</u>	<u>Rose Or Swamp Milkweed</u>	<u>X</u>	-	-
<u>Asclepias lanceolata</u>	<u>Red Milkweed, Few Lower Milkweed</u>	<u>X</u>	-	-
<u>Asclepias perennis</u>	<u>Aquatic Milkweed, Swamp Milkweed</u>	<u>X</u>	-	-
<u>Asclepias tuberosa</u>	<u>Butterflyweed, Orange Milkweed</u>	<u>X</u>	-	-
<u>Bacopa caroliniana</u>	<u>Blue Waterhyssop, Lemon Hyssop</u>	<u>X</u>	-	-
<u>Bacopa monnieri</u>	<u>Water Hyssop, Herb Of Grace</u>	<u>X</u>	-	-
<u>Balduina angustifolia</u>	<u>Coastalplain Honeycombhead, Yellow Buttons</u>	<u>X</u>	-	-
<u>Berlandiera subacaulis</u>	<u>Common Greeneyes, Florida Greeneyes</u>	<u>X</u>	-	-
<u>Bidens alba</u>	<u>Spanish Needle, Beggarticks</u>	<u>X</u>	-	-
<u>Bidens laevis</u>	<u>Burmarigold, Smooth Beggarticks</u>	<u>X</u>	-	-

<u>Bletia purpurea</u>	<u>Pinepink</u>	<u>X</u>	-	-
<u>Boehmeria cylindrica</u>	<u>Small Spike False Nettle, Bog Hemp</u>	<u>X</u>	-	-
<u>Cakile lanceolata</u>	<u>Coastal Searocket</u>	<u>X</u>	-	-
<u>Callirhoe papaver</u>	<u>Woodland Poppymallow</u>	<u>X</u>	-	-
<u>Canavalia rosea</u>	<u>Seaside Jackbean, Baybean, Beach Bean</u>	<u>X</u>	-	-
<u>Canna flaccida</u>	<u>Golden Canna, Bandana Of The Everglades</u>	<u>X</u>	-	-
<u>Capsicum annuum var. glabriusculum</u>	<u>Bird Pepper</u>	<u>X</u>	-	-
<u>Carphephorus corymbosus</u>	<u>Coastal Plain Chaffhead</u>	<u>X</u>	-	-
<u>Chamaecrista fasciculata</u>	<u>Sleeping Plant, Partridge Pea</u>	<u>X</u>	-	-
<u>Cirsium horridulum</u>	<u>Purple Thistle, Yellow Thistle</u>	<u>X</u>	-	<u>X</u>
<u>Clematis bawdwinii</u>	<u>Pine Hyacinth</u>	<u>X</u>	-	-
<u>Clinopodium brownei</u>	<u>Brownes Savory</u>	<u>X</u>	-	-
<u>Cnidoscolus stimulosus</u>	<u>Tread Softly, Finger Rot</u>	<u>X</u>	-	-
<u>Conoclinium coelestinum</u>	<u>Mistflower, Blue Mistflower</u>	<u>X</u>	-	-
<u>Coreopsis floridana</u>	<u>Florida Tickseed</u>	<u>X</u>	-	-

<u>Coreopsis leavenworthii</u>	<u>Leavenworths Tickseed</u>	<u>X</u>	-	-
<u>Crinum americanum</u>	<u>String Lily, Swamp Lily</u>	<u>X</u>	-	-
<u>Crossopetalum ilicifolium</u>	<u>Quailberry</u>	<u>X</u>	-	<u>X</u>
<u>Dalea carnea</u>	<u>Hammock Prairie Clover, Whitetassels</u>	<u>X</u>	-	-
<u>Dalea feayi</u>	<u>Prairie Clover, Scrub Prairie Clover</u>	<u>X</u>	-	-
<u>Elephantopus elatus</u>	<u>Tall Elephants Foot</u>	<u>X</u>	-	<u>X</u>
<u>Erigeron quercifolius</u>	<u>Oakleaf Fleabane</u>	<u>X</u>	-	-
<u>Euploca polyphylla</u>	<u>Pineland Heliotrope</u>	<u>X</u>	-	-
<u>Eustoma exaltatum</u>	<u>Seaside Gentian</u>	<u>X</u>	-	-
<u>Flaveria linearis</u>	<u>Yellowtop</u>	<u>X</u>	-	-
<u>Gaillardia pulchella</u>	<u>Blanket Flower, Gaillardia, Indian Blanket</u>	<u>X</u>	-	-
<u>Glandularia maritima</u>	<u>Beach Verbena, Coastal Mock Vervain</u>	<u>X</u>	-	-
<u>Gossypium hirsutum</u>	<u>Wild Cotton</u>	<u>X</u>	-	-
<u>Habenaria quinqueseta</u>	<u>Long Horned Rein Orchid</u>	<u>X</u>	-	-
<u>Helenium spp.</u>	<u>Sneezeweed</u>	<u>X</u>	-	-

<u>Helianthemum</u> <u>spp.</u>	<u>Rockrose</u>	<u>X</u>	-	-
<u>Heliotropium</u> <u>curassavicum</u>	<u>Seaside Heliotrope</u>	<u>X</u>	-	-
<u>Hibiscus</u> <u>grandiflorus</u>	<u>Swamp Rosemallow</u>	<u>X</u>	-	-
<u>Hibiscus poeppegi</u>	<u>Fairy Hibiscus</u>	<u>X</u>	-	-
<u>Hydrocotyle</u> <u>umbellata</u>	<u>Marsh Penny Wort</u>	<u>X</u>	-	-
<u>Hymenocallis</u> <u>latifolia</u>	<u>Mangrove</u> <u>Spiderlily,</u> <u>Perfumed Spiderlily</u>	<u>X</u>	-	-
<u>Hymenocallis</u> <u>palmeri</u>	<u>Alligator Lily</u>	<u>X</u>	-	-
<u>Hymenocallis spp.</u>	<u>Spiderlily</u>	<u>X</u>	-	-
<u>Hyptis alata</u>	<u>Musky Bushmint</u>	<u>X</u>	-	-
<u>Justicia angusta</u>	<u>Everglades Water</u> <u>Willow, Pineland</u> <u>Water Willow</u>	<u>X</u>	-	-
<u>Lachnanthes</u> <u>caroliana</u>	<u>Redroot</u>	<u>X</u>	-	-
<u>Liatris spicata</u>	<u>Spiked Blazing Star,</u> <u>Gayfeather</u>	<u>X</u>	-	-
<u>Liatris spp. (dry</u> <u>site species)</u>	<u>Blazing Star</u>	<u>X</u>	-	-
<u>Liatris tenuifolia</u>	<u>Shortleaf Blazing</u> <u>Star, Shortleaf</u> <u>Gayfeather</u>	<u>X</u>	-	-
<u>Linaria canadensis</u>	<u>Canadian Toadflax</u>	<u>X</u>	-	-

<u>Ludwigia repens</u>	<u>Creeping Seedbox</u>	<u>X</u>	-	-
<u>Lythrum alatum</u> <u>var. lanceolatum</u>	<u>Loosestrife</u>	<u>X</u>	-	-
<u>Marshallia</u> <u>graminifolia</u>	<u>Grassleaf Barbaras</u> <u>Buttons</u>	<u>X</u>	-	-
<u>Melanthera nivea</u>	<u>Snow Squarestem,</u> <u>Salt &amp; Pepper</u>	<u>X</u>	-	-
<u>Mimosa strigillosa</u>	<u>Sunshine Mimosa,</u> <u>Powderpuff</u>	<u>X</u>	-	-
<u>Neptunia</u> <u>pubescens</u>	<u>Tropical Neptunia,</u> <u>Tropical Puff</u>	<u>X</u>	-	-
<u>Nymphoides</u> <u>aquatica</u>	<u>Floating Hearts</u>	<u>X</u>	-	-
<u>Opuntia humifusa</u>	<u>Prickly Pear Cactus</u>	<u>X</u>	-	-
<u>Opuntia stricta</u>	<u>Erect Prickly Pear</u> <u>Cactus</u>	<u>X</u>	-	-
<u>Oxalis corniculata</u>	<u>Common Yellow</u> <u>Woodsorrel</u>	<u>X</u>	-	-
<u>Palafoxia</u> <u>integrifolia</u>	<u>Many Wings,</u> <u>Coastalplain Palafox</u>	<u>X</u>	-	-
<u>Peperomia</u> <u>obtusifolia</u>	<u>Florida Peperomia</u>	<u>X</u>	-	-
<u>Phyla nodiflora</u>	<u>Frogfruit, Turkey</u> <u>Tangle Fogfruit,</u> <u>Capeweed</u>	<u>X</u>	-	-
<u>Physalis walteri</u>	<u>Walters</u> <u>Groundcherry</u>	<u>X</u>	-	-

<u>Physostegia purpurea</u>	<u>Obedient Plant,</u> <u>Eastern False</u> <u>Dragonhead</u>	<u>X</u>	-	-
<u>Phytolacca americana</u>	<u>Pokeweed</u>	<u>X</u>	-	-
<u>Pityopsis graminifolia</u>	<u>Silk Grass, Silkgrass</u>	<u>X</u>	-	-
<u>Pluchea spp.</u>	<u>Camphor Weed</u>	<u>X</u>	-	-
<u>Poinsettia cyathophora</u>	<u>Painted Leaf</u>	<u>X</u>	-	-
<u>Poinsettia heterophylla</u>	<u>Fiddlers Spurge,</u> <u>Mexican Fireplant</u>	<u>X</u>	-	-
<u>Polygonella polygama</u>	<u>Jointweed, October</u> <u>Flower</u>	<u>X</u>	-	-
<u>Pontederia cordata</u>	<u>Pickerelweed</u>	<u>X</u>	-	-
<u>Rhexia spp.</u>	<u>Meadow Beauty</u>	<u>X</u>	-	-
<u>Rudbeckia hirta</u>	<u>Black Eyed Susan</u>	<u>X</u>	-	-
<u>Rudbeckia spp.</u>	<u>Blackeyed Susan</u>	<u>X</u>	-	-
<u>Ruellia caroliniensis</u>	<u>Carolina</u> <u>Wildpetunia, Wild</u> <u>Petunia</u>	<u>X</u>	-	-
<u>Sabatia brevifolia</u>	<u>Shortleaf</u> <u>Rosegentian</u>	<u>X</u>	-	-
<u>Sabatia decandra</u>	<u>Bartrams Marsh</u> <u>Pink</u>	<u>X</u>	-	-
<u>Sagittaria graminea</u>	<u>Grassy Arrowhead</u>	<u>X</u>	-	-
<u>Sagittaria lancifolia</u>	<u>Duck Potato, Lance</u> <u>Leaved Arrowhead,</u>	<u>X</u>	-	-

	<u>Bulltongue Arrowhead</u>			
<u>Salvia coccinea</u>	<u>Scarlet Sage,</u> <u>Tropical Sage,</u> <u>Blood Sage</u>	<u>X</u>	-	-
<u>Salvia lyrata</u>	<u>Lyre Leaved Sage</u>	<u>X</u>	-	<u>X</u>
<u>Salvia misella</u>	<u>Southern River Sage,</u> <u>Creeping Sage</u>	<u>X</u>	-	-
<u>Saururus cernuus</u>	<u>Lizards Tail</u>	<u>X</u>	-	-
<u>Sisyrinchium angustifolium</u>	<u>Pointed Blue Eyed Grass</u>	<u>X</u>	-	-
<u>Solidago sempervirens</u>	<u>Seaside Goldenrod</u>	<u>X</u>	-	-
<u>Solidago stricta</u>	<u>Wand Goldenrod,</u> <u>Slender Goldenrod</u>	<u>X</u>	-	-
<u>Spiranthes odorata</u>	<u>Fragrant Ladies' Tresses,</u> <u>Lesser Ladiestresses</u>	<u>X</u>	-	-
<u>Stachys floridana</u>	<u>Florida Hedgenettle,</u> <u>Florida Betony</u>	<u>X</u>	-	-
<u>Stachytarpheta jamaicensis</u>	<u>Blue Porterweed,</u> <u>Joe</u>	<u>X</u>	-	-
<u>Symphotrichum adnatum</u>	<u>Scaleleaf Aster,</u> <u>Clasping Aster</u>	<u>X</u>	-	-
<u>Symphotrichum concolor</u>	<u>Eastern Silver Aster</u>	<u>X</u>	-	-
<u>Symphotrichum dumosum</u>	<u>Bush Aster, Rice Button Aster</u>	<u>X</u>	-	-

<u>Symphotrichum elliottii</u>	<u>Elliotts Aster</u>	<u>X</u>	-	-
<u>Triadenum virginicum</u>	<u>Virginia Marsh St. Johns Wort</u>	<u>X</u>	-	-
<u>Trichostema dichotomum</u>	<u>Forked Bluecurls</u>	<u>X</u>	-	-
<u>Verbesina virginica</u>	<u>Frostweed, White Crownbeard</u>	<u>X</u>	-	-
<u>Viola spp.</u>	<u>Violet</u>	<u>X</u>	-	-
<u>Zephyranthes atamasca</u>	<u>Zephyr Lily, Rainlily, Atamasco Lily</u>	<u>X</u>	-	-
-	-	-	-	-
<b><u>Ferns</u></b>		-	-	-
<u>Acrostichum danaeifolium</u>	<u>Giant Leather Fern</u>	<u>X</u>	-	-
<u>Adiantum capillus veneris</u>	<u>Venus Maidenhair Fern, Southern Maidenhair</u>	<u>X</u>	-	-
<u>Asplenium spp.</u>	<u>Spleenwort</u>	<u>X</u>	-	-
<u>Campyloneurum phyllitidis</u>	<u>Long Strap Fern</u>	<u>X</u>	-	-
<u>Nephrolepis biserrata</u>	<u>Giant Swordfern</u>	<u>X</u>	-	-
<u>Nephrolepis exaltata</u>	<u>Wild Boston Fern</u>	<u>X</u>	-	-
<u>Osmunda regalis var. spectabilis</u>	<u>Royal Fern</u>	<u>X</u>	-	-
<u>Psilotum nudum</u>	<u>Whisk Fern</u>	<u>X</u>	-	-

<u>Pteridium aquilinum</u>	<u>Bracken Fern</u>	<u>X</u>	-	-
<u>Telmatoblechnum serrulatum</u>	<u>Swamp Fern</u>	<u>X</u>	-	-
<u>Thelypteris spp.</u>	<u>Maiden Fern</u>	<u>X</u>	-	-
<u>Woodwardia virginica</u>	<u>Chain Fern</u>	<u>X</u>	-	-
-	-	-	-	-
<b><u>Grasses and Grass like Plants</u></b>		-	-	-
<u>Andropogon glomeratus</u>	<u>Bushy Bluestem</u>	<u>X</u>	-	-
<u>Andropogon virginicus</u>	<u>Broomsedge Bluestem</u>	<u>X</u>	-	-
<u>Aristida stricta var. beyrichiana</u>	<u>Wiregrass</u>	<u>X</u>	-	-
<u>Equisetum hyemale</u>	<u>Scouring Rush, Horsetail</u>	<u>X</u>	-	-
<u>Eragrostis elliottii</u>	<u>Elliotts Lovegrass</u>	<u>X</u>	-	-
<u>Eustachys petraea</u>	<u>West Indian Fingergrass</u>	<u>X</u>	-	<u>X</u>
<u>Muhlenbergia capillaris</u>	<u>Hairgrass, Muhly Grass</u>	<u>X</u>	-	-
<u>Oplismenus setarius</u>	<u>Bristle Basketgrass</u>	<u>X</u>	-	-
<u>Panicum hemitomon</u>	<u>Maidencane</u>	<u>X</u>	-	-
<u>Panicum virgatum</u>	<u>Switchgrass</u>	<u>X</u>	-	-

<u>Paspalum vaginatum</u>	<u>Seashore Paspalum</u>	<u>X</u>	-	-
<u>Rhynchospora colorata</u>	<u>Fineleaf Whitetop</u> <u>Sedge, Starrush</u> <u>Whitetop</u>	<u>X</u>	-	-
<u>Rhynchospora latifolia</u>	<u>Giant Whitetop,</u> <u>Sandswamp</u> <u>Whitetop</u>	<u>X</u>	-	-
<u>Sorghastrum secundum</u>	<u>Lopsided</u> <u>Indiangrass</u>	<u>X</u>	-	<u>X</u>
<u>Spartina bakeri</u>	<u>Sand Cordgrass</u>	<u>X</u>	-	-
<u>Spartina patens</u>	<u>Marshhay</u> <u>Cordgrass</u>	<u>X</u>	-	-
<u>Spartina spartinae</u>	<u>Gulf Cordgrass</u>	<u>X</u>	-	-
<u>Sporobolus junceus</u>	<u>Pineywoods</u> <u>Dropseed</u>	<u>X</u>	-	-
<u>Tripsacum dactyloides</u>	<u>Eastern Gamagrass,</u> <u>Fakahatchee Grass</u>	<u>X</u>	-	-
<u>Tripsacum floridanum</u>	<u>Dwarf Fakahatchee</u> <u>Grass, Florida</u> <u>Gamagrass</u>	<u>X</u>	-	-
<u>Uniola paniculata</u>	<u>Sea Oats</u>	<u>X</u>	-	-
-	-	-	-	-
<b><u>Vines</u></b>		-	-	-
<u>Ampelopsis arborea</u>	<u>Pepper Vine</u>	<u>X</u>	-	-
<u>Cardiospermum corindum</u>	<u>Balloonvine,</u> <u>Heartseed, Faux</u> <u>Persil</u>	<u>X</u>	-	-

<u>Centrosema virginianum</u>	<u>Spurred Butterfly Pea</u>	<u>X</u>	-	-
<u>Galactia striata</u>	<u>Florida Hammock Milkpea</u>	<u>X</u>	-	-
<u>Ipomoea alba</u>	<u>Moonflower</u>	<u>X</u>	-	-
<u>Ipomoea cordatotriloba</u>	<u>Tie vine</u>	<u>X</u>	-	-
<u>Ipomoea hederifolia</u>	<u>Scarlet Morning glory</u>	<u>X</u>	-	-
<u>Ipomoea imperati</u>	<u>Beach Morning glory</u>	<u>X</u>	-	-
<u>Ipomoea pes caprae subsp. Brasiliensis</u>	<u>Railroadvine, Lavender Goatfoot Morning Glory</u>	<u>X</u>	-	-
<u>Ipomoea sagittata</u>	<u>Glades Morning Glory</u>	<u>X</u>	-	-
<u>Jacquemontia pentanthos</u>	<u>Skyblue Jacquemontia, Skyblue Clustervine</u>	<u>X</u>	-	-
<u>Jacquemontia reclinata</u>	<u>Beach Jacquemontia</u>	<u>X</u>	-	-
<u>Parthenocissus quinquefolia</u>	<u>Woodbine, Virginia Creeper</u>	<u>X</u>	-	-
<u>Passiflora incarnata</u>	<u>Passion Vine, Maypop, Purple Passion Flower</u>	<u>X</u>	-	-
<u>Passiflora suberosa</u>	<u>Corkystem Passion Flower</u>	<u>X</u>	-	-

<u>Pentalinon luteum</u>	<u>Wild Allamanda,</u> <u>Hammock</u> <u>Viperstail</u>	<u>X</u>	-	-
<u>Rhabdadenia</u> <u>biflora</u>	<u>Rubber Vine,</u> <u>Mangrove Rubber</u> <u>Vine</u>	<u>X</u>	-	-

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