AGENDA
BRADENTON PLANNING COMMISSION MEETING
2:00 p.m. Wednesday, August 21, 2024
101 OLD MAIN STREET, BRADENTON, FL 34205

1. MEETING CALLED TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

4. APPROVAL OF MEETING MINUTES

a) Planning & Community Development: Planning Commission meeting minutes of July 17, 2024.
Meeting Minutes - 07/17/2024 DRAFT.pdf

5. PUBLIC COMMENTS

Anyone wishing to address the Planning Commission on any non-agenda item should complete a comment slip and submit it to the Clerk.

6. AGENDA ITEMS

a) Planning & Community Development: Ordinance 4050, Case LU.24.1672

An Ordinance of the City of Bradenton, Florida, amending Bradenton Land Use Regulations Chapter 2.0 Administration and Procedures, amending Section 2.1.3.1 "Composition and Terms of TLPB Members" and 2.1.3.3 "Functions, Powers, And Duties."; amending Chapter 4.0 General Regulations 4.1.3.5 "Sidewalks"; providing for codification; providing for the repeal of ordinances in conflict; providing for severability; and providing for an effective date.
Application.pdf
Staff Report - Ord. 4050, Case LU.24.1672.pdf
Chapter 2 Strike-thru, Underline and Chapter 4 Edits.pdf
Ord. 4050 (DRAFT).pdf

7. DISCUSSION ITEMS

8. DIRECTOR'S REPORT

9. ANNOUNCEMENT OF CITY COUNCIL PUBLIC HEARING DATES

a) Planning & Community Development: City Council - July 24, 2024

1. Resolution 24-42 - SU.24.1851: Special Use request for a school expansion at 1011 21st St. E. (Approved/vote 5-0)
2. Resolution 24-43 - SU.24.1783: Special Use request for a medical clinic at 914-918 14th St. W. & 920 14th St. Ct. W. (Denied/vote 5-0)

City Council - August 21, 2024

1. Ordinance 4040 - RV.24.1517: 2nd Reading - Right-of-Way Vacation (new Police HQ)
2. Ordinance 4041 - RV.24.1518: 2nd Reading - Right-of-Way Vacation (new Police HQ)
3. Ordinance 4042 - RV.24.1519: 2nd Reading - Right-of-Way Vacation (new Police HQ)
4. Ordinance 4046 - RV.24.1687: 2nd Reading - Right-of-Way Vacation (new Police HQ)
5. Ordinance 4048 - RV.24.2186: 2nd Reading - Right-of-Way Vacation (current City Hall/Police complex)

10. ADJOURN

All interested persons and parties may appear either in person and be heard or submit written comments regarding the above matter to the Planning and Community Development Director and they will be heard and considered. The hearing may be continued from time to time as necessary. Copies of the application or further information may be obtained from the Department of Planning and Community Development, 101 Old Main Street, Bradenton, Florida, 34205, or by calling (941) 932-9407.

NON-DISCRIMINATION STATEMENT:

The City of Bradenton prohibits discrimination in all of its services, programs or activities on the basis of race, color, age, disability, sex, national origin, religion, genetic information or marital status. Persons with a disability needing a reasonable accommodation to participate in, or who require assistance or an alternative means for communication of program information such as Braille, large print, etc., should contact as soon as possible, but at least 48 hours in advance:

City of Bradenton ADA/Title VI Coordinator
101 Old Main Street
Bradenton, FL 34205
ADACoordinator@cityofbradenton.com
941-932-9470
TTY: 7-1-1 or 1-800-955-8771

La ciudad de Bradenton proveera servicio de interprete a las personas quienes su primer lenguage no es el ingles. Si necesita estos servicios, usted o su representante puede comunicar al ADA/Title VI Coordinator, 101 Old Main Street, Bradenton, FL 34205. Tambien puede llamar al (941) 932-9470 o enviar correo electronico a ADACoordinator@cityofbradenton.com

AGENDA ITEM NO. 4.a

Item Cover Page

PLANNING COMMISSION AGENDA ITEM REPORT

DATE: August 21, 2024

SUBMITTED BY: Greg DeLong, Planning & Community Development

ITEM TYPE: Minutes

AGENDA SECTION: **APPROVAL OF MEETING MINUTES**

SUBJECT: Planning Commission meeting minutes of July 17, 2024.

SUGGESTED ACTION: Approve as submitted.

Is this item Quasi-Judicial?
No

Does this item require a public hearing?
Yes

EXPLANATION:
Review and approval of the meeting minutes from the July 17, 2024, City of Bradenton Planning Commission meeting.

FINANCIAL IMPACT:
N/A

ATTORNEY REVIEW/RECOMMENDATION:
N/A

SUGGESTED MOTION:
Motion to approve the Planning Commission meeting minutes from the July 17, 2024, as submitted.

ATTACHMENTS:
Meeting Minutes - 07/17/2024 DRAFT.pdf

ABBREVIATED MINUTES
PLANNING COMMISSION MEETING
July 17, 2024

The Planning Commission met in the City of Bradenton Council Chambers, 101 Old Main Street, Bradenton, Florida at 2:00 p.m.

PRESENT

Planning Commission Members: Ben Bakker-Chair, Michael Neal, Kurt Landefeld, Keith Green-Alternate.
City Staff: Scott Rudacille-City Attorney, Robin Singer-Planning and Community Development Director, Greg DeLong-Asst. Director, Planning and Community Development, Lori Brunner-Planning and Community Development Administrative Assistant.

REGULAR MEETING

1. Meeting was called to order by the Planning Commission Chair, Ben Bakker at 2:01 p.m.
2. Pledge of Allegiance.
3. Motion to approve the June 19, 2024 Meeting Minutes by Commissioner Green, and seconded by Commissioner Neal. Motion passed unanimously.

PUBLIC COMMENT

No speakers came forward to speak on non-agenda items.

Chair Ben Bakker asked if the Commissioners had any ex parte communication with any of the applications on today's agenda. There were none.

Election of Vice-Chair:

Commissioner Landefeld nominated Commissioner Michael Neal.
Commissioner Green nominated himself.
Nominations were closed.
Motion to elect Commissioner Neal as Vice-Chair for the remainder of the year by Commissioner Landefeld and seconded by Commissioner Green. Motion passed unanimously.

AGENDA ITEMS:

1. **Ordinance 4048, Case RV.24.2186**: An Ordinance of the City of Bradenton, Florida, vacating a platted 20-foot alley as shown on the resubdivision of lots 1, 2, 3, 4, 5, & 6, Turner's Plat of Bradentown, recorded in Plat Book 1, Page 184, of the public records of Manatee County, Florida, and more particularly described herein, generally located north of 3rd Avenue West, east of 12th Street West, and west of 10th Street West; providing for recordation in the official records; providing for severability; providing for repeal of ordinances in conflict; and providing for an effective date. Application filed by the City of Bradenton.

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Staff: Greg DeLong spoke on behalf of the City and presented the vacation of right-of way details. He discussed the purpose of this is to prepare the land for future development opportunities. All utilities companies have signed off on the proposed request. He also presented a zoning map which showed boundaries.

Staff Recommendation: Staff recommends approval based on the criteria of the Land Use Regulations.

Public Comment: Chair Bakker opened the Public Hearing.
No one came forward in favor or in opposition.

Public Hearing was closed.

Motion: Commissioner Landefeld motioned to approve. Commissioner Green seconded. Motion passed unanimously.

2. **Comprehensive Plan Amendment, Ordinance 4047, Case CP.24.1881:** An Ordinance of the City of Bradenton, Florida to amend the City's Comprehensive Plan, pursuant to Florida Statutes Section 163.3191 to reflect changes required under the city's evaluation and appraisal of the Comprehensive Plan under Amendment CP.24.1881 and transmission of this Ordinance to the State for review and an objections, recommendation and comments report. Application filed by the City of Bradenton.

Staff: Robin Singer spoke on behalf of the City and discussed changing the time frames, however requirements have already been met. Staff may revisit; they are withdrawing changes for now. She will be contacting the State to discuss.
There may be changes relative to the City Visioning Project.

Presentations:
Matt Lewis, of Stantec, thanked Ms. Singer for her introduction and stated that they are now calling the City Visioning Project – Bradenton Forever. He gave a presentation and showed a slide show while discussing the allocation of scarce resources. He discussed the history of events, including population growth, which is the basis of this vision. He went over the survey which included work, where people go, and where people shop. It also showed what they would like to improve, based on wards. People are concerned about traffic also. They developed 7 major recommendations:

1. Build around destinations – redevelopment, mixed uses
2. Utilize multiple modes – split into districts, mobility hub network
3. Embrace the water – public access
4. Continue to define the core – connections, more thorough moveability, Lecom and Village of the Arts
5. Continue to coordinate infrastructure – maintenance
6. Improve livability – housing affordability, street landscaping
7. Fund the vision – impact fees, coordinate with MPO

DRAFT

Next steps:
Strategy – will put it all together with much more detail and see how to go about implementation.

Discussion Items:
Greg DeLong stated that the next meeting will be on August 21st and there will be some code changes that are recommendations from the Tree and Land Preservation Board, plus additional items. The next City Council meeting will be full with 7 items on the agenda that are items that the Planning Commission has already done.
Mr. DeLong talked about additional staff members including a new City Planner, as well as a new Planning and Zoning Technician.
He introduced Kim Clayback, Public Works Engineering Section Manager, who introduced Dawn Jani, Site Review Specialist. Ms. Jani will be attending Planning Commission meetings.
Also, Mr. DeLong introduced Mindy Whalen, Mr. Perry's new Executive Assistant.

Adjournment: The meeting adjourned at 3:12 p.m.

Ben Bakker, Chair Date

NOTE: This is not a verbatim record. An audio recording of the meeting is available for a fee upon request.

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AGENDA ITEM NO. 6.a

Item Cover Page

PLANNING COMMISSION AGENDA ITEM REPORT

DATE: August 21, 2024

SUBMITTED BY: Jamie Schindewolf, Planning & Community Development

ITEM TYPE: Ordinance

AGENDA SECTION: AGENDA ITEMS

SUBJECT: Ordinance 4050, Case LU.24.1672

An Ordinance of the City of Bradenton, Florida, amending Bradenton Land Use Regulations Chapter 2.0 Administration and Procedures, amending Section 2.1.3.1 "Composition and Terms of TLPB Members" and 2.1.3.3 "Functions, Powers, And Duties."; amending Chapter 4.0 General Regulations 4.1.3.5 "Sidewalks"; providing for codification; providing for the repeal of ordinances in conflict; providing for severability; and providing for an effective date.

SUGGESTED ACTION: Motion to either approve or deny Ordinance 4050, Case LU.24.1672

Is this item Quasi-Judicial?
No

Does this item require a public hearing?
Yes

EXPLANATION:

The Tree and Land Preservation Board has provided recommendations for updating the City of Bradenton Land Development Code. Specifically, the code sections that regulate the composition of the Tree and Land Preservation Board (Chapter 2) and the planting of trees in City rights-of-way (Chapter 4).

FINANCIAL IMPACT:
N/A

ATTORNEY REVIEW/RECOMMENDATION:
Reviewed by City Attorney Rudacille.

SUGGESTED MOTION:
Motion to recommend to City Council either approval or denial of Ordinance 4050, Case LU.24.1672.

ATTACHMENTS:
Application.pdf
Staff Report - Ord. 4050, Case LU.24.1672.pdf
Chapter 2 Strike-thru, Underline and Chapter 4 Edits.pdf
Ord. 4050 (DRAFT).pdf

Zoning Text Amendment Application

Department of Planning & Community Development
101 Old Main Street, Bradenton, FL 34205
Ph: (941) 932-9400
www.cityofbradenton.com

bradenton
The Friendly City

RECEIVED
By Jamie Schindewolf at 2:51 pm, Jul 08, 2024

CONTACT INFORMATION — REQUIRED

Name of Applicant: City of Bradenton Tree and Land Preservation Board

Applicant Address: 101 Old Main Street, Bradenton FL, 34205

Applicant Telephone: 941-932-9426 (staff liaison)

Applicant Email: jamie.schindewolf@BradentonFL.gov (staff liaison)

REQUIRED

Indicate Zoning Ordinance Being Amended: Land Use Regulations Form-Based Code

MATERIALS FOR REVIEW — REQUIRED

Before submitting an application to the City of Bradenton, please check with the Planning & Community Development Department to verify all essential information for review is present. Incomplete applications will delay the review process.

- ► Text Amendment Application
- ► Application Fee : $5,520 ($4,000 if advertised concurrently with a FLUM Amendment)
- ► Letter of Request
- ► Proposed Text Changes in Strikethrough and Underline Format (provide One (1) electronic copy of text changes in Word .doc format
- ► Include one (1) electronic copy (pdf) of Application and all support materials.

REQUIRED

SIGNATURE

The applicant agrees to conform to all applicable laws of the City of Bradenton and to all applicable Federal, State, and County laws.

Jamie Schindewolf
Signature of Applicant

7/8/2024
Date

REQUIRED

CITY STAFF ONLY

Application Fees:
Fee Required: **$5,520**
Fee Required: **$4,000** if submitted with FLUM Amendment

FEE COLLECTED: $_____

RECEIPT #: _____

Application Sufficiency:
Sufficient: ☒
Incomplete: ☐ _____

APPLICATION #: 24.2761

CITY STAFF ONLY

REVIEW DATES – TO BE COMPLETED BY CITY STAFF

2nd CC READ: _____

1st CC READ: _____

PC REVIEW: _____

DRC: _____

City of Bradenton
Planning and Community Development Department
Planning Commission
August 21, 2024

LU.24.1672 Staff Report

AN ORDINANCE OF THE CITY OF BRADENTON, FLORIDA, AMENDING BRADENTON LAND USE REGULATIONS CHAPTER 2.0 ADMINISTRATION AND PROCEDURES, AMENDING SECTION 2.1.3.1 "COMPOSITION AND TERMS OF TLPB MEMBERS" AND 2.1.3.3 "FUNCTIONS, POWERS, AND DUTIES."; AMENDING CHAPTER 4.0 GENERAL REGULATIONS 4.1.3.5 "SIDEWALKS"; PROVIDING FOR CODIFICATION; PROVIDING FOR THE REPEAL OF ORDINANCES IN CONFLICT; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

The Tree and Land Preservation Board has provided recommendations for updating the City of Bradenton Land Development code. Specifically, the code sections regulate the composition of the Tree and Land Preservation Board (Chapter 2) and the planting of trees in City rights of way (Chapter 4).

The changes to Section 2.1.3 were approved for recommendation to City Council at the November 2023 meeting. The Board has experienced some challenges with gathering a quorum for monthly meetings. The strict board composition requirements in Section 2.1.3 makes it difficult to find volunteers to serve, and the list leaves out some relevant professions. The Board is suggesting removing most of the numbers for each type of individual but keeping a cap of three on interested city residents.

The Section 4.1.3 changes were voted on and approved for recommendation to City Council at the June 2024 meeting. These changes were suggested as a way to expand the currently allowed tree species in City right of ways, bringing the code up to date with a more modern understanding of appropriate tree plantings (known as "Right Tree Right Place").

A version of the relevant code sections in strikethrough underline format can be found on the following pages.

2.1.3 *Tree and land preservation board.* The city recognizes that a green and well-landscaped environment is important and healthy to its citizens and business community, and prospective residents and visitors. The purpose of the tree and land preservation board (TLPB) is to promote awareness of the city-wide tree canopy and tree education programs, and open space and parklands preservation initiatives. The TLPB may also, when determined by the PCD, advise owners of buildings, land, and other properties that may impact the city's tree canopy and open spaces, and other lands concerning the treatment of the natural, visual characteristics and value of such properties. The TLPB works closely with city departments, various civic and private groups, individuals, and outside agencies and organizations.

~~2.1.3.1~~ *Composition and terms of TLPB members.* The TLPB shall consist of up to 11 members appointed by the mayor and confirmed by city council for terms of three years. The professional members do not have to be residents of the city. The PCD director or his or her designee shall serve as staff to the TLPB board, and shall bring forth items to the board for consideration as outlined in section 2.1.3.3. Any member may be recommended for removal by the mayor and a majority vote by city council. A simple majority of appointed members, or ~~F~~five members being present shall constitute a quorum. Members ~~shall~~ should be a diverse mix, representative of the community, in the following or similar professions: ~~appointed as follows:~~

- ~~Two~~ Florida-registered landscape architects;
- ~~One~~ Florida-certified arborists;
- ~~One~~ county agricultural extension office representative;
- ~~One~~ Land use planners;
- ~~Two~~ Landscape nursery professionals;
- ~~One~~ Keep Manatee Beautiful members;
- Foresters
- Environmental professionals
- A maximum of ~~T~~three city residents interested in the TLPB's purpose; ~~and~~
- ~~One alternate.~~

2.1.3.2 *Bylaws and procedures.* The TLPB shall adopt bylaws and procedures regarding the election and terms of officers, establishment, calling, conducting and recording of a regular schedule of public meetings. The bylaws and procedures shall be incorporated into the procedures manual maintained by the PCD director. The city council may make appropriations for salaries, fees and expenses necessary for conducting the work of the TLPB. The PCD director, at his/her discretion, may authorize expenditures by the TLPB, of less than $10,000.00 when a detailed analysis has been prepared by the TLPB, and funds are available in the city's tree program fund.

2.1.3.3 *Functions, powers, and duties.* The TLPB is authorized and empowered to undertake such

actions as necessary to achieve its purpose, including the following:

a. Consider and make recommendations on items submitted to them by the PCD director, to the city council pertaining to the aesthetic programs and standards of the city including, but not limited to, the city's tree program (section 4.1.2), and parks and open space initiatives. The TLPB may, as determined by the PCD director, act on its own behalf in implementing related goals and objectives, as well as, consider and make recommendations regarding other matters as submitted by the city council and other city entities that make such requests.

b. Delay removal of a grand or notable tree or trees, or other remarkable tree as recommended by the PCD director, for a period of up to 180 days for the purpose of negotiations between the TLPB and property owner(s) in an effort to find a means of preserving the tree(s).

c. Establish and implement programs of education, information or research toward advancing its purpose.

d. Prepare an annual ~~beautification strategy~~ strategic plan focusing on preservation and enhancement of the city's tree canopy, parks and open space, and other related programs. The ~~beautification strategy~~ strategic plan shall be submitted as a recommendation to city council for its approval. At a minimum, the ~~beautification strategy~~ strategic plan shall comply with the minimum standards associated with Tree City, USA membership, and other similar programs.

e. The TLPB shall review, as needed, the city's LURs for revisions which advance and strengthen its purpose. Such revisions shall require Staff review and be made as recommendations to the planning commission and city council for approval.

f. Organize and conduct ~~in January of each year~~ an Arbor Day celebration annually to educate the public on the importance of trees in our community and maintaining and enhancing the city's tree canopy.

g. Coordinate the city's memorial and notable tree programs by processing new applications, maintaining accurate records, and providing guidance with tree location, planting, and care processes.

h. In coordination with the city's grants and assistance division and approval by the city council, search and prepare proposals for financial and technical assistance grants and prepare proposals to obtain funds to finance initiatives to advance its purpose. When awarded such grants, it shall be the responsibility of the TLPB to oversee their implementation through coordination with the PCD director.

i. Establish, with city council approval, an entity to accept and maintain donated or purchased lands which achieve its purpose.

4.1.3.5 *Sidewalks*. Sidewalks shall be provided on at least one side of all local streets and minor collectors and both sides of arterials and major collectors. In the UC/UCBD and UV districts, sidewalks shall be provided on both sides of the street, regardless of the street classification. Sidewalks shall be concrete and shall be a minimum of four inches thick and five feet wide in residential areas, and eight feet wide in mixed-use and non-residential districts. ~~Except in the UC/UCDB district there shall be at minimum a three-foot-wide strip of landscaped area (as defined in section 4.1.4.4.b.) between the sidewalk and curb, in which a tree (as listed herein) shall be planted every 100 feet.~~ Landscaped area shall be a minimum of three feet and in all areas possible maximized within the right of way, trees shall be planted every 100 feet according to the following criteria:

Tree~~s shall be~~ species shall ~~limited to~~not include ~~t~~the following:

- Brazilian Pepper, Carrotwood, Australian Pine, Chinese tallow, Melaleuca or any tree that meets the definition of 'Invasive' as determined by the Florida Invasive Species Council. https://floridainvasivespecies.org/plantlist.cfm

Tree species shall be chosen based on climate suitability and site constraints following the principle of 'Right Tree, Right Place'. See below tree matrix for suggested species and characteristics.

TREE TYPE / SIZE / FORM			TREE DENDROLOGY				TYPICAL CHARACTERISTICS				
Tree Type [1]	Tree Size [2]	FL Grades & Standards Tree Type-Form [3]	Common Name	Scientific Name	Plant Family	Florida Native	Mature Crown Spread	Mature Height	Species Rating [4,5]	Growth Rate [6]	POWER LINE TREE? (Y/N)
SHADE	SMALL	TYPE 1	Oriental Sweetgum	Liquidambar orientalis	Altingiaceae	NO	10' to 12'	15' to 20'	[5]	FAST	N
SHADE	MEDIUM	TYPE 1	American Hornbeam	Carpinus caroliniana	Betulaceae	YES	20' to 30'	20' to 30'	41-60%	SLOW	N
SHADE	MEDIUM	TYPE 1	Bluejack Oak	Quercus incana	Fagaceae	YES	25' to 35'	25' to 50'	[5]	MODERATE	N
SHADE	MEDIUM	TYPE 1	Florida Maple	Acer floridanum	Sapindaceae	YES	25' to 40'	20' to 40'	41-60%	MODERATE	N
SHADE	MEDIUM	TYPE 1	Myrtle oak	Quercus myrtifolia	Fagaceae	YES	35' to 40'	35' to 40'	81-100%	MODERATE	N
SHADE	MEDIUM	TYPE 1	Red Bay	Persea borbonia	Lauraceae	YES	30' to 50'	30' to 50'	21-40%	MODERATE	N
SHADE	MEDIUM	TYPE 1	Swamp Bay	Persea palustris	Lauraceae	YES	25' to 30'	25' to 35'	[5]	MODERATE	N
SHADE	MEDIUM	TYPE 1	Turkey Oak	Quercus laevis	Fagaceae	YES	25' to 30'	30' to 40'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	(American) Sycamore	Platanus occidentalis	Platanaceae	YES	50' to 70'	75' to 90'	41-60%	FAST	N
SHADE	LARGE	TYPE 1	American Elm	Ulmus americana	Ulmaceae	YES	50' to 70'	70' to 90'	81-100%	FAST	N
SHADE	LARGE	TYPE 1	Black Cherry	Prunus serotina	Rosaceae	YES	35' to 50'	60' to 90'	41-60%	FAST	N
SHADE	LARGE	TYPE 1	Black Gum/Tupelo	Nyssa sylvatica	Cornaceae	YES	25' to 35'	65' to 75'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Bluff Oak	Quercus austrina	Fagaceae	YES	35' to 50'	40' to 60'	61-80%	NOT AVAIL	N
SHADE	LARGE	TYPE 1	Camphor	Cinnamomum camphora	Lauraceae	NO	50' to 70'	40' to 50'	<21%	FAST	N
SHADE	LARGE	TYPE 1	Common Hackberry	Celtis occidentalis	Celtidaceae	YES	40' to 50'	45' to 80'	[5]	FAST	N
SHADE	LARGE	TYPE 1	Common Persimmon	Diospyros virginiana	Ebenaceae	YES	20' to 35'	40' to 60'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Durand Oak	Quercus durandii (sinuata)	Fagaceae	YES	40' to 60'	50' to 90'	61-80%	NOT AVAIL	N
SHADE	LARGE	TYPE 1	Green Ash	Fraxinus pennsylvanica	Oleaceae	YES	25' to 30'	30' to 45'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Laurel Oak	Quercus laurifolia	Fagaceae	YES	35' to 45'	60' to 70'	61-80%	FAST	N
SHADE	LARGE	TYPE 1	Pecan	Carya illinoensis	Juglandaceae	NO	50' to 70'	70' to 100'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Pignut Hickory	Carya glabra	Juglandaceae	YES	30' to 40'	50' to 65'	81-100%	MODERATE	N
SHADE	LARGE	TYPE 1	Pop Ash	Fraxinus caroliniana	Oleaceae	YES	40' to 60'	50' to 80'	[5]	FAST	N
SHADE	LARGE	TYPE 1	Pumpkin Ash	Fraxinus tomentosa (sp. "profunda")	Oleaceae	YES	45' to 50'	60' to 70'	61-80%	FAST	N
SHADE	LARGE	TYPE 1	Red Maple	Acer rubrum	Sapindaceae	YES	25' to 35'	60' to 75'	61-80%	FAST	N
SHADE	LARGE	TYPE 1	Sand Live Oak	Quercus geminata	Fagaceae	YES	45' to 60'	30' to 50'	81-100%	MODERATE	N
SHADE	LARGE	TYPE 1	Shumard's Oak	Quercus shumardii	Fagaceae	YES	40' to 50'	55' to 80'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Silver Maple	Acer saccharinum	Sapindaceae	YES	40' to 60'	60' to 80'	<21%	FAST	N
SHADE	LARGE	TYPE 1	Southern Live Oak	Quercus virginiana	Fagaceae	YES	60' to 120'	60' to 80'	81-100%	MODERATE	N
SHADE	LARGE	TYPE 1	Southern Red Oak	Quercus falcata	Fagaceae	YES	60' to 70'	60' to 80'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Strangler Fig	Ficus aurea	Moraceae	YES	50' to 70'	50' to 60'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Sugarberry	Celtis laevigata	Celtidaceae	YES	50' to 60'	50' to 70'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Swamp Chestnut Oak	Quercus michauxii	Fagaceae	YES	40' to 60'	60' to 80'	61-80%	NOT AVAIL	N
SHADE	LARGE	TYPE 1	Swamp Tupelo	Nyssa sylvatica var. biflora	Cornaceae	YES	65' to 70'	80' to 100'	61-80%	SLOW	N
SHADE	LARGE	TYPE 1	Sweetgum	Liquidambar styraciflua	Altingiaceae	YES	35' to 50'	60' to 75'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Water Hickory	Carya aquatica	Juglandaceae	YES	25' to 40'	60' to 70'	61-80%	SLOW	N
SHADE	LARGE	TYPE 1	Water Oak	Quercus nigra	Fagaceae	YES	60' to 70'	50' to 60'	41-60%	FAST	N
SHADE	LARGE	TYPE 1	Water Tupelo	Nyssa aquatica	Cornaceae	YES	25' to 35'	75' to 100'	61-80%	SLOW	N
SHADE	LARGE	TYPE 1	White Ash	Fraxinus americana	Oleaceae	YES	10' to 15'	35' to 60'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Willow Oak	Quercus phellos	Fagaceae	YES	40' to 50'	60' to 75'	<21%	FAST	N
CONIFEROUS	MEDIUM	TYPE 2	American Hophornbeam	Ostrya virginiana	Betulaceae	YES	15' to 25'	25' to 40'	<21%	SLOW	N
CONIFEROUS	MEDIUM	TYPE 2	Podocarpus (Yew Plum)	Podocarpus macrophyllus	Podocarpaceae	NO	20' to 25'	30' to 40'	81-100%	SLOW	N
CONIFEROUS	MEDIUM	TYPE 2	Red Cedar	Juniperus virginiana	Cupressaceae	YES	20' to 30'	30' to 45'	81-100%	FAST	N
CONIFEROUS	MEDIUM	TYPE 2	Sand Pine	Pinus clausa	Pinaceae	YES	15' to 25'	25' to 40'	41-60%	SLOW	N
CONIFEROUS	LARGE	TYPE 2	Baldcypress	Taxodium distichum	Cupressaceae	YES	25' to 35'	60' to 80'	81-100%	FAST	N
CONIFEROUS	LARGE	TYPE 2	Broadleaf Podocarpus	Podocarpus nagi	Podocarpaceae	NO	15' to 25'	30' to 50'	81-100%	MODERATE	N
CONIFEROUS	LARGE	TYPE 2	Chinese Juniper	Juniperus chinensis	Cupressaceae	NO	15' to 25'	40' to 50'	[5]	MODERATE	N
CONIFEROUS	LARGE	TYPE 2	Loblolly Pine	Pinus taeda	Pinaceae	YES	30' to 35'	50' to 80'	61-80%	FAST	N
CONIFEROUS	LARGE	TYPE 2	Loblolly-Bay	Gordonia lasianthus	Theaceae	YES	25' to 35'	50' to 75'	81-100%	MODERATE	N
CONIFEROUS	LARGE	TYPE 2	Longleaf Pine	Pinus palustris	Pinaceae	YES	30' to 40'	60' to 80'	61-80%	FAST	N
CONIFEROUS	LARGE	TYPE 2	Pondcypress	Taxodium ascendens	Cupressaceae	YES	10' to 15'	50' to 60'	81-100%	SLOW	N
CONIFEROUS	LARGE	TYPE 2	Slash Pine	Pinus elliottii var densa	Pinaceae	YES	35' to 50'	75' to 100'	61-80%	FAST	N
ORNAMENTAL	SMALL	TYPE 3	American Elder	Sambucus nigra (subsp. Canadensis)	Adoxaceae	YES	6' to 10'	8' to 12'	21-40%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Blackhaw (Walter's Vibernum)	Viburnum obovatum	Caprifoliaceae	YES	6' to 10'	8' to 25'	61-80%	MODERATE	N
ORNAMENTAL	SMALL	TYPE 3	Burford Holly (Chinese Holly)	Ilex cornuta 'Burfordii'	Aquifoliaceae	NO	15' to 25'	15' to 25'	81-100%	MODERATE	Y

TREE TYPE / SIZE / FORM			TREE DENDROLOGY				TYPICAL CHARACTERISTICS				
Tree Type [1]	Tree Size [2]	FL Grades & Standards Tree Type-Form [3]	Common Name	Scientific Name	Plant Family	Florida Native	Mature Crown Spread	Mature Height	Species Rating [4,5]	Growth Rate [6]	POWER LINE TREE? (Y/N)
ORNAMENTAL	SMALL	TYPE 3	Chickasaw Plum	Prunus angustifolia	Rosaceae	YES	15' to 20'	12 to 20'	61-80%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Chinese Fringetree	Chionanthus retusus	Oleaceae	NO	10' to 15'	15' to 20'	41-60%	SLOW	N
ORNAMENTAL	SMALL	TYPE 3	Crapemyrtle	Lagerstroemia indica	Lythraceae	NO	15' to 25'	10' to 30'	81-100%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Devilwood	Osmanthus americanus	Oleaceae	YES	10' to 15'	15' to 25'	[5]	MODERATE	N
ORNAMENTAL	SMALL	TYPE 3	Flatwoods Plum	Prunus umbellata	Rosaceae	YES	12' to 20'	12' to 20'	41-60%	MODERATE	N
ORNAMENTAL	SMALL	TYPE 3	Florida Privet	Forestiera segregata	Oleaceae	YES	5 to 10'	10' to 15'	61-80%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Fringetree	Chionanthus virginicus	Oleaceae	YES	10' to 15'	12 to 20'	41-60%	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Jerusalem-Thorn	Parkinsonia aculeata	Fabaceae	NO	20' to 25'	15' to 20'	41-60%	FAST	N
ORNAMENTAL	SMALL	TYPE 3	Lemon Bottlebrush	Callistemon citrinus	Myrtaceae	NO	10' to 15'	10' to 15'	[5]	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Ligustrum (Japanese Privet)	Ligustrum japonicum	Oleaceae	NO	15' to 25'	8' to 12'	81-100%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Loquat	Eriobotrya japonica	Rosaceae	NO	20'	25'	61-80%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Possumhaw	Ilex decidua	Aquifoliaceae	YES	10' to 15'	10' to 15'	[5]	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Purple Tabebuia	Tabebuia impetiginosa	Bignoniaceae	NO	10' to 15'	12' to 18'	[5]	SLOW	N
ORNAMENTAL	SMALL	TYPE 3	Red Buckeye	Aesculus pavia	Sapindaceae	YES	15' to 25'	15' to 20'	21-40%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Southern Wax Myrtle	Myrica cerifera	Myricaceae	YES	20' to 25'	15' to 25'	[5]	FAST	Y
ORNAMENTAL	SMALL	TYPE 3	Starburst	Clerodendrum Quadriloculare	Lamiaceae	NO	10'	15'	[5]	FAST	Y
ORNAMENTAL	SMALL	TYPE 3	Swamp ("Stiff") Dogwood	Cornus foemina	Cornaceae	YES	10' to 15'	10' to 25'	[5]	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Sweet Acacia	Acacia farnesiana	Fabaceae	YES	15' to 25'	15' to 25'	41-60%	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Upright Bottlebrush	Callistemon rigidus	Myrtaceae	NO	8' to 12'	8' to 12'	41-60%	FAST	Y
ORNAMENTAL	SMALL	TYPE 3	Weeping Bottlebrush	Callistemon viminalis [7]	Myrtaceae	NO	15' to 20'	15' to 20'	41-60%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	White Geiger (Wild Olive)	Cordia boissieri	Boraginaceae	NO	10' to 15'	15' to 20'	41-60%	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Yaupon Holly	Ilex vomitoria	Aquifoliaceae	YES	15' to 20'	15' to 20'	81-100%	MODERATE	Y
ORNAMENTAL	MEDIUM	TYPE 3	'Nellie R. Stevens' Holly	Ilex x 'Nellie R. Stevens'	Aquifoliaceae	YES	10' to 15'	20' to 30'	81-100%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Black Mangrove	Avicennia germinans	Avicenniaceae	YES	NOT AVAIL	20' to 40'	41-60%	NOT AVAIL	N
ORNAMENTAL	MEDIUM	TYPE 3	Coastal Plain Willow	Salix caroliniana	Salicaceae	YES	25' to 35'	25' to 35'	61-80%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 2	Dahoon Holly	Ilex cassine	Aquifoliaceae	YES	8' to 12'	20' to 30'	61-80%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 2	'East Palatka' Holly	Ilex x attenuata	Aquifoliaceae	YES	10' to 15'	30' to 45'	21-40%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 2	Eastern Redbud	Cercis canadensis	Fabaceae	YES	15' to 25'	20' to 30'	21-40%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 3	Flowering Dogwood	Cornus florida	Cornaceae	YES	25' to 30'	20' to 30'	21-40%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Golden Trumpet Tree	Tabebuia chrysotricha	Bignoniaceae	NO	25' to 35'	25' to 35'	41-60%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 1	Jacaranda	Jacaranda mimosifolia	Fabaceae	NO	45' to 60'	25' to 40'	41-60%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 3	Red Mangrove	Rhizophora mangle	Rhizophoraceae	YES	15' to 25'	15' to 25'	81-100%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Seagrape	Coccoloba uvifera	Polygonaceae	YES	20' to 30'	25' to 30'	61-80%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Simpson Stopper	Myrcianthes fragrans	Myrtaceae	YES	15' to 20'	15' to 20'	81-100%	SLOW	N
ORNAMENTAL	MEDIUM	TYPE 3	Witch-Hazel	Hamamelis virginiana	Hamamelidaceae	YES	15' to 25'	20' to 30'	[5]	SLOW	N
ORNAMENTAL	LARGE	TYPE 2	American Holly	Ilex opaca	Aquifoliaceae	YES	15' to 25'	35' to 50'	61-80%	SLOW	N
ORNAMENTAL	LARGE	TYPE 1	'Bosque' Chinese Elm	Ulmus parvifolia	Ulmaceae	NO	35' to 50'	35' to 45'	41-60%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	'Drake' Chinese Elm	Ulmus parvifolia 'Drake'	Ulmaceae	NO	35' to 50'	35' to 45'	41-60%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 2	Japanese Blueberry	Eleocarpus decipiens	Caprifoliaceae	NO	20' to 40'	40' to 60'	81-100%	SLOW	N
ORNAMENTAL	LARGE	TYPE 2	Olive	Olea europaea	Oleaceae	NO	35' to 50'	25' to 50'	61-80%	SLOW	N
ORNAMENTAL	LARGE	TYPE 2	Red Mulberry	Morus rubra	Moraceae	YES	35' to 50'	50' to 75'	41-60%	FAST	N
ORNAMENTAL	LARGE	TYPE 1	Southern Magnolia	Magnolia grandiflora	Magnoliaceae	YES	30' to 40'	60' to 80'	61-80%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	Sweetbay Magnolia	Magnolia virginiana	Magnoliaceae	YES	15' to 25'	40' to 50'	61-80%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	White Mangrove	Laguncularia racemosa	Combretaceae	YES	30' to 40'	30' to 50'	81-100%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	Winged Elm	Ulmus alata	Ulmaceae	YES	30' to 40'	45' to 70'	61-80%	FAST	N
PALM	SMALL	PALM	Chinese Windmill Palm	Trachycarpus fortunei	Arecaceae	NO	6' to 10'	10' to 20'	61-80%	SLOW	Y
PALM	SMALL	PALM	Cliff Date Palm	Phoenix rupicola	Arecaceae	NO	20'	25'	[5]	FAST	Y
PALM	SMALL	PALM	European Fan Palm	Chamaerops humilis	Arecaceae	NO	20'	15'	81-100%	SLOW	Y
PALM	SMALL	PALM	Pindo Palm	Butia capitata	Arecaceae	NO	10' to 15'	15' to 25'	61-80%	SLOW	Y
PALM	SMALL	PALM	Pygmy Date Palm	Phoenix roebellenii	Arecaceae	NO	7'	12'	61-80%	SLOW	Y
PALM	MEDIUM	PALM	Paurotis Palm	Acoelorraphe wrightii	Arecaceae	YES	12'	30'	61-80%	SLOW	N
PALM	MEDIUM	PALM	Puerto Rican Hat Palm	Sabal causarium	Arecaceae	NO	15'	45'	[5]	SLOW	N
PALM	MEDIUM	PALM	Senegal Date Palm	Phoenix reclinata [7]	Arecaceae	NO	40' to 50'	30' to 35'	61-80%	MODERATE	N
PALM	MEDIUM	PALM	Wild Date Palm	Phoenix sylvestris	Arecaceae	NO	20'	40'	81-100%	FAST	N

TREE TYPE / SIZE / FORM			TREE DENDROLOGY				TYPICAL CHARACTERISTICS				POWER LINE TREE? (Y/N)
Tree Type [1]	Tree Size [2]	FL Grades & Standards Tree Type-Form [3]	Common Name	Scientific Name	Plant Family	Florida Native	Mature Crown Spread	Mature Height	Species Rating [4,5]	Growth Rate [6]	
PALM	LARGE	PALM	Bismarck Palm	Bismarkia nobilis	Arecaceae	NO	12' to 16'	30' to 60'	[5]	SLOW	N
PALM	LARGE	PALM	Cabbage Palm	Sabal palmetto	Arecaceae	YES	10' to 15'	40' to 50'	81-100%	SLOW	N
PALM	LARGE	PALM	Canary Island Date Palm	Phoenix canariensis	Arecaceae	NO	20' to 25'	40' to 60'	81-100%	SLOW	N
PALM	LARGE	PALM	Chinese Fan Palm	Livistona chinensis	Arecaceae	NO	10' to 12'	30' to 50'	81-100%	MODERATE	N
PALM	LARGE	PALM	Date Palm	Phoenix dactylifera	Arecaceae	NO	12 to 15'	50' to 80'	81-100%	MODERATE	N
PALM	LARGE	PALM	Ribbon Fan Palm	Livistona decora (deciphens)	Arecaceae	NO	15'	30'	81-100%	SLOW	N
PALM	LARGE	PALM	Washington (Mexican Fan) Palm	Washingtonia robusta [7]	Arecaceae	NO	10' to 15'	60' to 90'	61-80%	FAST	N

Notes:

[1] Typology: Shade; Coniferous; Ornamental; Palm

[2] Small [0-20' avg height]; Medium [20-40' avg height]; Large [40' or higher avg height]. Average ["avg"] height dimension is at time of full growth/maturity.

[3] Source: FL Dept of Agricultural & Consumer Services, Florida Grades and Standards for Nursery Plants 2015.

[4] Source: Tree Species Ratings for Florida, January 2016, International Society of Arboriculture, FL Chapter. Rating % assigned to a specific tree upon evaluation and determination of its existing condition. Refer to sec. 27-285.4.1 for Rating % and tree condition equivalency factors. The higher the Rating % = the higher suitability in Tampa's urban environment (assuming proper placement & general maintenance).

[5] Species Rating not available from Florida ISA. Use Condition Rating factor as Species Rating factor in Mitigation calculation for grand trees.

[6] Growth Rate: refers to the vertical increase in growth. Slow: ≤ 12" per year; Moderate: 13"-24" per year; Fast: ≥ 25" per year. (Source: Dirr, M., Manual of Woody Landscape Plants, pub. Jan. 1990)

[7] Species listed as Category II on the 2017 Florida Exotic Pest Plant Council List of Exotic Species. Specie may be planted and/or retained, but no credit shall be factored into mitigation formula. See also sec. 27-284.1.2(2).

Reference : "Y" means "Yes," "N" means "No," "NOT AVAIL" means "not available at time of adoption of this document."

https://www.tampa.gov/document/city-tampa-tree-matrix-17196

~~Black olive;~~

- ~~Dwarf magnolia;~~
- ~~Palms (with the exception of cabbage palms);~~
- ~~Crape myrtle.~~

The director of public works may, at ~~his~~ their discretion, ~~approve additional species or~~ prohibit planting under certain circumstances. Trees planted in the right of way must meet the following criteria:

a. A root barrier shall be placed around select trees within or near the right-of-way.

b. No tree shall be placed any closer than ten feet (five feet with a root barrier) to any utility owned and operated by the City of Bradenton Public Works Department.

c. No trees shall be planted within utility easements.

d. No trees shall be planted under overhead utility lines.

e. Trees planted within medians shall not be paced as to hinder site [sight] visibility at intersections from any direction.

f. Trees planted in medians should be limited to height and diameter as to not cause damage to vehicles from the drip line.

g. Trees planted next to sidewalks shall be planted at a height as to not obstruct pedestrians use.

h. Trees shall not be planted in front of any signs.

i. All trees must be provided with an adequate watering system schedule until established.

j. In instances where tree planting is hindered by existing infrastructure or lack of adequate space, a modular suspended pavement system such as Silva-cells should be installed.

In PDPs where adequate provision for pedestrian circulation is provided, the requirements of this section may be modified by the approving body. Sidewalks shall be constructed as part of the street construction in subdivisions and PDPs unless phasing is specifically stipulated by city council. As part of the approval of a permit for a construction or alteration of structure or parking area, the PCD director may require the construction or reconstruction of sidewalks in order to fulfill the requirements of this section.

2.1.3 *Tree and land preservation board.* The city recognizes that a green and well-landscaped environment is important and healthy to its citizens and business community, and prospective residents and visitors. The purpose of the tree and land preservation board (TLPB) is to promote awareness of the city-wide tree canopy and tree education programs, and open space and parklands preservation initiatives. The TLPB may also, when determined by the PCD, advise owners of buildings, land, and other properties that may impact the city's tree canopy and open spaces, and other lands concerning the treatment of the natural, visual characteristics and value of such properties. The TLPB works closely with city departments, various civic and private groups, individuals, and outside agencies and organizations.

~~2.1.3.1~~ *Composition and terms of TLPB members.* The TLPB shall consist of up to 11 members appointed by the mayor and confirmed by city council for terms of three years. The professional members do not have to be residents of the city. The PCD director or his or her designee shall serve as staff to the TLPB board, and shall bring forth items to the board for consideration as outlined in section 2.1.3.3. Any member may be recommended for removal by the mayor and a majority vote by city council. A simple majority of appointed members, or ~~F~~five members being present shall constitute a quorum. Members ~~shall~~ should be a diverse mix, representative of the community, in the following or similar professions: ~~appointed as follows:~~

- ~~Two~~ Florida-registered landscape architects;
- ~~One~~ Florida-certified arborists;
- ~~One~~ county agricultural extension office representative;
- ~~One~~ Land use planners;
- ~~Two~~ Landscape nursery professionals;
- ~~One~~ Keep Manatee Beautiful members;
- Foresters
- Environmental professionals
- A maximum of ~~T~~three city residents interested in the TLPB's purpose; ~~and~~
- ~~One alternate.~~

2.1.3.2 *Bylaws and procedures.* The TLPB shall adopt bylaws and procedures regarding the election and terms of officers, establishment, calling, conducting and recording of a regular schedule of public meetings. The bylaws and procedures shall be incorporated into the procedures manual maintained by the PCD director. The city council may make appropriations for salaries, fees and expenses necessary for conducting the work of the TLPB. The PCD director, at his/her discretion, may authorize expenditures by the TLPB, of less than $10,000.00 when a detailed analysis has been prepared by the TLPB, and funds are available in the city's tree program fund.

2.1.3.3 *Functions, powers, and duties.* The TLPB is authorized and empowered to undertake such

actions as necessary to achieve its purpose, including the following:

a. Consider and make recommendations on items submitted to them by the PCD director, to the city council pertaining to the aesthetic programs and standards of the city including, but not limited to, the city's tree program (section 4.1.2), and parks and open space initiatives. The TLPB may, as determined by the PCD director, act on its own behalf in implementing related goals and objectives, as well as, consider and make recommendations regarding other matters as submitted by the city council and other city entities that make such requests.

b. Delay removal of a grand or notable tree or trees, or other remarkable tree as recommended by the PCD director, for a period of up to 180 days for the purpose of negotiations between the TLPB and property owner(s) in an effort to find a means of preserving the tree(s).

c. Establish and implement programs of education, information or research toward advancing its purpose.

d. Prepare an annual ~~beautification strategy~~ strategic plan focusing on preservation and enhancement of the city's tree canopy, parks and open space, and other related programs. The ~~beautification strategy~~ strategic plan shall be submitted as a recommendation to city council for its approval. At a minimum, the ~~beautification strategy~~ strategic plan shall comply with the minimum standards associated with Tree City, USA membership, and other similar programs.

e. The TLPB shall review, as needed, the city's LURs for revisions which advance and strengthen its purpose. Such revisions shall require Staff review and be made as recommendations to the planning commission and city council for approval.

f. Organize and conduct ~~in January of each year~~ an Arbor Day celebration annually to educate the public on the importance of trees in our community and maintaining and enhancing the city's tree canopy.

g. Coordinate the city's memorial and notable tree programs by processing new applications, maintaining accurate records, and providing guidance with tree location, planting, and care processes.

h. In coordination with the city's grants and assistance division and approval by the city council, search and prepare proposals for financial and technical assistance grants and prepare proposals to obtain funds to finance initiatives to advance its purpose. When awarded such grants, it shall be the responsibility of the TLPB to oversee their implementation through coordination with the PCD director.

i. Establish, with city council approval, an entity to accept and maintain donated or purchased lands which achieve its purpose.

4.1.3.5 *Sidewalks*. Sidewalks shall be provided on at least one side of all local streets and minor collectors and both sides of arterials and major collectors. In the UC/UCBD and UV districts, sidewalks shall be provided on both sides of the street, regardless of the street classification. Sidewalks shall be concrete and shall be a minimum of four inches thick and five feet wide in residential areas, and eight feet wide in mixed-use and non-residential districts. ~~Except in the UC/UCDB district there shall be at minimum a three-foot-wide strip of landscaped area (as defined in section 4.1.4.4.b.) between the sidewalk and curb, in which a tree (as listed herein) shall be planted every 100 feet.~~ Landscaped area shall be a minimum of three feet and in all areas possible maximized within the right of way, trees shall be planted every 100 feet according to the following criteria:

Tree~~s shall be~~ species shall ~~limited to~~not include ~~t~~he following:

- Brazilian Pepper, Carrotwood, Australian Pine, Chinese tallow, Melaleuca or any tree that meets the definition of 'Invasive' as determined by the Florida Invasive Species Council.

Tree species shall be chosen based on climate suitability and site constraints following the principle of 'Right Tree, Right Place'. See below tree matrix for suggested species and characteristics.

TREE TYPE / SIZE / FORM			TREE DENDROLOGY				TYPICAL CHARACTERISTICS				
Tree Type [1]	Tree Size [2]	FL Grades & Standards Tree Type-Form [3]	Common Name	Scientific Name	Plant Family	Florida Native	Mature Crown Spread	Mature Height	Species Rating [4,5]	Growth Rate [6]	POWER LINE TREE? (Y/N)
SHADE	SMALL	TYPE 1	Oriental Sweetgum	Liquidambar orientalis	Altingiaceae	NO	10' to 12'	15' to 20'	[5]	FAST	N
SHADE	MEDIUM	TYPE 1	American Hornbeam	Carpinus caroliniana	Betulaceae	YES	20' to 30'	20' to 30'	41-60%	SLOW	N
SHADE	MEDIUM	TYPE 1	Bluejack Oak	Quercus incana	Fagaceae	YES	25' to 35'	25' to 50'	[5]	MODERATE	N
SHADE	MEDIUM	TYPE 1	Florida Maple	Acer floridanum	Sapindaceae	YES	25' to 40'	20' to 40'	41-60%	MODERATE	N
SHADE	MEDIUM	TYPE 1	Myrtle oak	Quercus myrtifolia	Fagaceae	YES	35' to 40'	35' to 40'	81-100%	MODERATE	N
SHADE	MEDIUM	TYPE 1	Red Bay	Persea borbonia	Lauraceae	YES	30' to 50'	30' to 50'	21-40%	MODERATE	N
SHADE	MEDIUM	TYPE 1	Swamp Bay	Persea palustris	Lauraceae	YES	25' to 30'	25' to 35'	[5]	MODERATE	N
SHADE	MEDIUM	TYPE 1	Turkey Oak	Quercus laevis	Fagaceae	YES	25' to 30'	30' to 40'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	(American) Sycamore	Platanus occidentalis	Platanaceae	YES	50' to 70'	75' to 90'	41-60%	FAST	N
SHADE	LARGE	TYPE 1	American Elm	Ulmus americana	Ulmaceae	YES	50' to 70'	70' to 90'	81-100%	FAST	N
SHADE	LARGE	TYPE 1	Black Cherry	Prunus serotina	Rosaceae	YES	35' to 50'	60' to 90'	41-60%	FAST	N
SHADE	LARGE	TYPE 1	Black Gum/Tupelo	Nyssa sylvatica	Cornaceae	YES	25' to 35'	65' to 75'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Bluff Oak	Quercus austrina	Fagaceae	YES	35' to 50'	40' to 60'	61-80%	NOT AVAIL	N
SHADE	LARGE	TYPE 1	Camphor	Cinnamomum camphora	Lauraceae	NO	50' to 70'	40' to 50'	<21%	FAST	N
SHADE	LARGE	TYPE 1	Common Hackberry	Celtis occidentalis	Celtidaceae	YES	40' to 50'	45' to 80'	[5]	FAST	N
SHADE	LARGE	TYPE 1	Common Persimmon	Diospyros virginiana	Ebenaceae	YES	20' to 35'	40' to 60'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Durand Oak	Quercus durandii (sinuata)	Fagaceae	YES	40' to 60'	50' to 90'	61-80%	NOT AVAIL	N
SHADE	LARGE	TYPE 1	Green Ash	Fraxinus pennsylvanica	Oleaceae	YES	25' to 30'	30' to 45'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Laurel Oak	Quercus laurifolia	Fagaceae	YES	35' to 45'	60' to 70'	61-80%	FAST	N
SHADE	LARGE	TYPE 1	Pecan	Carya illinoensis	Juglandaceae	NO	50' to 70'	70' to 100'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Pignut Hickory	Carya glabra	Juglandaceae	YES	30' to 40'	50' to 65'	81-100%	MODERATE	N
SHADE	LARGE	TYPE 1	Pop Ash	Fraxinus caroliniana	Oleaceae	YES	40' to 60'	50' to 80'	[5]	FAST	N
SHADE	LARGE	TYPE 1	Pumpkin Ash	Fraxinus tomentosa (sp. "profunda")	Oleaceae	YES	45' to 50'	60' to 70'	61-80%	FAST	N
SHADE	LARGE	TYPE 1	Red Maple	Acer rubrum	Sapindaceae	YES	25' to 35'	60' to 75'	61-80%	FAST	N
SHADE	LARGE	TYPE 1	Sand Live Oak	Quercus geminata	Fagaceae	YES	45' to 60'	30' to 50'	81-100%	MODERATE	N
SHADE	LARGE	TYPE 1	Shumard's Oak	Quercus shumardii	Fagaceae	YES	40' to 50'	55' to 80'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Silver Maple	Acer saccharinum	Sapindaceae	YES	40' to 60'	60' to 80'	<21%	FAST	N
SHADE	LARGE	TYPE 1	Southern Live Oak	Quercus virginiana	Fagaceae	YES	60' to 120'	60' to 80'	81-100%	MODERATE	N
SHADE	LARGE	TYPE 1	Southern Red Oak	Quercus falcata	Fagaceae	YES	60' to 70'	60' to 80'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Strangler Fig	Ficus aurea	Moraceae	YES	50' to 70'	50' to 60'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Sugarberry	Celtis laevigata	Celtidaceae	YES	50' to 60'	50' to 70'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Swamp Chestnut Oak	Quercus michauxii	Fagaceae	YES	40' to 60'	60' to 80'	61-80%	NOT AVAIL	N
SHADE	LARGE	TYPE 1	Swamp Tupelo	Nyssa sylvatica var. biflora	Cornaceae	YES	65' to 70'	80' to 100'	61-80%	SLOW	N
SHADE	LARGE	TYPE 1	Sweetgum	Liquidambar styraciflua	Altingiaceae	YES	35' to 50'	60' to 75'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Water Hickory	Carya aquatica	Juglandaceae	YES	25' to 40'	60' to 70'	61-80%	SLOW	N
SHADE	LARGE	TYPE 1	Water Oak	Quercus nigra	Fagaceae	YES	60' to 70'	50' to 60'	41-60%	FAST	N
SHADE	LARGE	TYPE 1	Water Tupelo	Nyssa aquatica	Cornaceae	YES	25' to 35'	75' to 100'	61-80%	SLOW	N
SHADE	LARGE	TYPE 1	White Ash	Fraxinus americana	Oleaceae	YES	10' to 15'	35' to 60'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Willow Oak	Quercus phellos	Fagaceae	YES	40' to 50'	60' to 75'	<21%	FAST	N
CONIFEROUS	MEDIUM	TYPE 2	American Hophornbeam	Ostrya virginiana	Betulaceae	YES	15' to 25'	25' to 40'	<21%	SLOW	N
CONIFEROUS	MEDIUM	TYPE 2	Podocarpus (Yew Plum)	Podocarpus macrophyllus	Podocarpaceae	NO	20' to 25'	30' to 40'	81-100%	SLOW	N
CONIFEROUS	MEDIUM	TYPE 2	Red Cedar	Juniperus virginiana	Cupressaceae	YES	20' to 30'	30' to 45'	81-100%	FAST	N
CONIFEROUS	MEDIUM	TYPE 2	Sand Pine	Pinus clausa	Pinaceae	YES	15' to 25'	25' to 40'	41-60%	SLOW	N
CONIFEROUS	LARGE	TYPE 2	Baldcypress	Taxodium distichum	Cupressaceae	YES	25' to 35'	60' to 80'	81-100%	FAST	N
CONIFEROUS	LARGE	TYPE 2	Broadleaf Podocarpus	Podocarpus nagi	Podocarpaceae	NO	15' to 25'	30' to 50'	81-100%	MODERATE	N
CONIFEROUS	LARGE	TYPE 2	Chinese Juniper	Juniperus chinensis	Cupressaceae	NO	15' to 25'	40' to 50'	[5]	MODERATE	N
CONIFEROUS	LARGE	TYPE 2	Loblolly Pine	Pinus taeda	Pinaceae	YES	30' to 35'	50' to 80'	61-80%	FAST	N
CONIFEROUS	LARGE	TYPE 2	Loblolly-Bay	Gordonia lasianthus	Theaceae	YES	25' to 35'	50' to 75'	81-100%	MODERATE	N
CONIFEROUS	LARGE	TYPE 2	Longleaf Pine	Pinus palustris	Pinaceae	YES	30' to 40'	60' to 80'	61-80%	FAST	N
CONIFEROUS	LARGE	TYPE 2	Pondcypress	Taxodium ascendens	Cupressaceae	YES	10' to 15'	50' to 60'	81-100%	SLOW	N
CONIFEROUS	LARGE	TYPE 2	Slash Pine	Pinus elliottii var densa	Pinaceae	YES	35' to 50'	75' to 100'	61-80%	FAST	N
ORNAMENTAL	SMALL	TYPE 3	American Elder	Sambucus nigra (subsp. Canadensis)	Adoxaceae	YES	6' to 10'	8' to 12'	21-40%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Blackhaw (Walter's Vibernum)	Viburnum obovatum	Caprifoliaceae	YES	6' to 10'	8' to 25'	61-80%	MODERATE	N
ORNAMENTAL	SMALL	TYPE 3	Burford Holly (Chinese Holly)	Ilex cornuta 'Burfordii'	Aquifoliaceae	NO	15' to 25'	15' to 25'	81-100%	MODERATE	Y

TREE TYPE / SIZE / FORM			TREE DENDROLOGY				TYPICAL CHARACTERISTICS				
Tree Type [1]	Tree Size [2]	FL Grades & Standards Tree Type-Form [3]	Common Name	Scientific Name	Plant Family	Florida Native	Mature Crown Spread	Mature Height	Species Rating [4,5]	Growth Rate [6]	POWER LINE TREE? (Y/N)
ORNAMENTAL	SMALL	TYPE 3	Chickasaw Plum	Prunus angustifolia	Rosaceae	YES	15' to 20'	12 to 20'	61-80%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Chinese Fringetree	Chionanthus retusus	Oleaceae	NO	10' to 15'	15' to 20'	41-60%	SLOW	N
ORNAMENTAL	SMALL	TYPE 3	Crapemyrtle	Lagerstroemia indica	Lythraceae	NO	15' to 25'	10' to 30'	81-100%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Devilwood	Osmanthus americanus	Oleaceae	YES	10' to 15'	15' to 25'	[5]	MODERATE	N
ORNAMENTAL	SMALL	TYPE 3	Flatwoods Plum	Prunus umbellata	Rosaceae	YES	12' to 20'	12' to 20'	41-60%	MODERATE	N
ORNAMENTAL	SMALL	TYPE 3	Florida Privet	Forestiera segregata	Oleaceae	YES	5 to 10'	10' to 15'	61-80%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Fringetree	Chionanthus virginicus	Oleaceae	YES	10' to 15'	12 to 20'	41-60%	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Jerusalem-Thorn	Parkinsonia aculeata	Fabaceae	NO	20' to 25'	15' to 20'	41-60%	FAST	N
ORNAMENTAL	SMALL	TYPE 3	Lemon Bottlebrush	Callistemon citrinus	Myrtaceae	NO	10' to 15'	10' to 15'	[5]	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Ligustrum (Japanese Privet)	Ligustrum japonicum	Oleaceae	NO	15' to 25'	8' to 12'	81-100%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Loquat	Eriobotrya japonica	Rosaceae	NO	20'	25'	61-80%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Possumhaw	Ilex decidua	Aquifoliaceae	YES	10' to 15'	10' to 15'	[5]	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Purple Tabebuia	Tabebuia impetiginosa	Bignoniaceae	NO	10' to 15'	12' to 18'	[5]	SLOW	N
ORNAMENTAL	SMALL	TYPE 3	Red Buckeye	Aesculus pavia	Sapindaceae	YES	15' to 25'	15' to 20'	21-40%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Southern Wax Myrtle	Myrica cerifera	Myricaceae	YES	20' to 25'	15' to 25'	[5]	FAST	Y
ORNAMENTAL	SMALL	TYPE 3	Starburst	Clerodendrum Quadriloculare	Lamiaceae	NO	10'	15'	[5]	FAST	Y
ORNAMENTAL	SMALL	TYPE 3	Swamp ("Stiff") Dogwood	Cornus foemina	Cornaceae	YES	10' to 15'	10' to 25'	[5]	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Sweet Acacia	Acacia farnesiana	Fabaceae	YES	15' to 25'	15' to 25'	41-60%	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Upright Bottlebrush	Callistemon rigidus	Myrtaceae	NO	8' to 12'	8' to 12'	41-60%	FAST	Y
ORNAMENTAL	SMALL	TYPE 3	Weeping Bottlebrush	Callistemon viminalis [7]	Myrtaceae	NO	15' to 20'	15' to 20'	41-60%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	White Geiger (Wild Olive)	Cordia boissieri	Boraginaceae	NO	10' to 15'	15' to 20'	41-60%	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Yaupon Holly	Ilex vomitoria	Aquifoliaceae	YES	15' to 20'	15' to 20'	81-100%	MODERATE	Y
ORNAMENTAL	MEDIUM	TYPE 3	'Nellie R. Stevens' Holly	Ilex x 'Nellie R. Stevens'	Aquifoliaceae	YES	10' to 15'	20' to 30'	81-100%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Black Mangrove	Avicennia germinans	Avicenniaceae	YES	NOT AVAIL	20' to 40'	41-60%	NOT AVAIL	N
ORNAMENTAL	MEDIUM	TYPE 3	Coastal Plain Willow	Salix caroliniana	Salicaceae	YES	25' to 35'	25' to 35'	61-80%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 2	Dahoon Holly	Ilex cassine	Aquifoliaceae	YES	8' to 12'	20' to 30'	61-80%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 2	'East Palatka' Holly	Ilex x attenuata	Aquifoliaceae	YES	10' to 15'	30' to 45'	21-40%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 2	Eastern Redbud	Cercis canadensis	Fabaceae	YES	15' to 25'	20' to 30'	21-40%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 3	Flowering Dogwood	Cornus florida	Cornaceae	YES	25' to 30'	20' to 30'	21-40%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Golden Trumpet Tree	Tabebuia chrysotricha	Bignoniaceae	NO	25' to 35'	25' to 35'	41-60%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 1	Jacaranda	Jacaranda mimosifolia	Fabaceae	NO	45' to 60'	25' to 40'	41-60%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 3	Red Mangrove	Rhizophora mangle	Rhizophoraceae	YES	15' to 25'	15' to 25'	81-100%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Seagrape	Coccoloba uvifera	Polygonaceae	YES	20' to 30'	25' to 30'	61-80%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Simpson Stopper	Myrcianthes fragrans	Myrtaceae	YES	15' to 20'	15' to 20'	81-100%	SLOW	N
ORNAMENTAL	MEDIUM	TYPE 3	Witch-Hazel	Hamamelis virginiana	Hamamelidaceae	YES	15' to 25'	20' to 30'	[5]	SLOW	N
ORNAMENTAL	LARGE	TYPE 2	American Holly	Ilex opaca	Aquifoliaceae	YES	15' to 25'	35' to 50'	61-80%	SLOW	N
ORNAMENTAL	LARGE	TYPE 1	'Bosque' Chinese Elm	Ulmus parvifolia	Ulmaceae	NO	35' to 50'	35' to 45'	41-60%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	'Drake' Chinese Elm	Ulmus parvifolia 'Drake'	Ulmaceae	NO	35' to 50'	35' to 45'	41-60%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 2	Japanese Blueberry	Eleocarpus decipiens	Caprifoliaceae	NO	20' to 40'	40' to 60'	81-100%	SLOW	N
ORNAMENTAL	LARGE	TYPE 2	Olive	Olea europaea	Oleaceae	NO	35' to 50'	25' to 50'	61-80%	SLOW	N
ORNAMENTAL	LARGE	TYPE 2	Red Mulberry	Morus rubra	Moraceae	YES	35' to 50'	50' to 75'	41-60%	FAST	N
ORNAMENTAL	LARGE	TYPE 1	Southern Magnolia	Magnolia grandiflora	Magnoliaceae	YES	30' to 40'	60' to 80'	61-80%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	Sweetbay Magnolia	Magnolia virginiana	Magnoliaceae	YES	15' to 25'	40' to 50'	61-80%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	White Mangrove	Laguncularia racemosa	Combretaceae	YES	30' to 40'	30' to 50'	81-100%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	Winged Elm	Ulmus alata	Ulmaceae	YES	30' to 40'	45' to 70'	61-80%	FAST	N
PALM	SMALL	PALM	Chinese Windmill Palm	Trachycarpus fortunei	Arecaceae	NO	6' to 10'	10' to 20'	61-80%	SLOW	Y
PALM	SMALL	PALM	Cliff Date Palm	Phoenix rupicola	Arecaceae	NO	20'	25'	[5]	FAST	Y
PALM	SMALL	PALM	European Fan Palm	Chamaerops humilis	Arecaceae	NO	20'	15'	81-100%	SLOW	Y
PALM	SMALL	PALM	Pindo Palm	Butia capitata	Arecaceae	NO	10' to 15'	15' to 25'	61-80%	SLOW	Y
PALM	SMALL	PALM	Pygmy Date Palm	Phoenix roebellenii	Arecaceae	NO	7'	12'	61-80%	SLOW	Y
PALM	MEDIUM	PALM	Paurotis Palm	Acoelorraphe wrightii	Arecaceae	YES	12'	30'	61-80%	SLOW	N
PALM	MEDIUM	PALM	Puerto Rican Hat Palm	Sabal causarium	Arecaceae	NO	15'	45'	[5]	SLOW	N
PALM	MEDIUM	PALM	Senegal Date Palm	Phoenix reclinata [7]	Arecaceae	NO	40' to 50'	30' to 35'	61-80%	MODERATE	N
PALM	MEDIUM	PALM	Wild Date Palm	Phoenix sylvestris	Arecaceae	NO	20'	40'	81-100%	FAST	N

TREE TYPE / SIZE / FORM			TREE DENDROLOGY				TYPICAL CHARACTERISTICS				
Tree Type [1]	Tree Size [2]	FL Grades & Standards Tree Type-Form [3]	Common Name	Scientific Name	Plant Family	Florida Native	Mature Crown Spread	Mature Height	Species Rating [4,5]	Growth Rate [6]	POWER LINE TREE? (Y/N)
PALM	LARGE	PALM	Bismarck Palm	Bismarkia nobilis	Arecaceae	NO	12' to 16'	30' to 60'	[5]	SLOW	N
PALM	LARGE	PALM	Cabbage Palm	Sabal palmetto	Arecaceae	YES	10' to 15'	40' to 50'	81-100%	SLOW	N
PALM	LARGE	PALM	Canary Island Date Palm	Phoenix canariensis	Arecaceae	NO	20' to 25'	40' to 60'	81-100%	SLOW	N
PALM	LARGE	PALM	Chinese Fan Palm	Livistona chinensis	Arecaceae	NO	10' to 12'	30' to 50'	81-100%	MODERATE	N
PALM	LARGE	PALM	Date Palm	Phoenix dactylifera	Arecaceae	NO	12 to 15'	50' to 80'	81-100%	MODERATE	N
PALM	LARGE	PALM	Ribbon Fan Palm	Livistona decora (deciphens)	Arecaceae	NO	15'	30'	81-100%	SLOW	N
PALM	LARGE	PALM	Washington (Mexican Fan) Palm	Washingtonia robusta [7]	Arecaceae	NO	10' to 15'	60' to 90'	61-80%	FAST	N

Notes:

[1] Typology: Shade; Coniferous; Ornamental; Palm

[2] Small [0-20' avg height]; Medium [20-40' avg height]; Large [40' or higher avg height]. Average ["avg"] height dimension is at time of full growth/maturity.

[3] Source: FL Dept of Agricultural & Consumer Services, Florida Grades and Standards for Nursery Plants 2015.

[4] Source: Tree Species Ratings for Florida, January 2016, International Society of Arboriculture, FL Chapter. Rating % assigned to a specific tree upon evaluation and determination of its existing condition. Refer to sec. 27-285.4.1 for Rating % and tree condition equivalency factors. The higher the Rating % = the higher suitability in Tampa's urban environment (assuming proper placement & general maintenance).

[5] Species Rating not available from Florida ISA. Use Condition Rating factor as Species Rating factor in Mitigation calculation for grand trees.

[6] Growth Rate: refers to the vertical increase in growth. Slow: ≤ 12" per year; Moderate: 13"-24" per year; Fast: ≥ 25" per year. (Source: Dirr, M., Manual of Woody Landscape Plants, pub. Jan. 1990)

[7] Species listed as Category II on the 2017 Florida Exotic Pest Plant Council List of Exotic Species. Specie may be planted and/or retained, but no credit shall be factored into mitigation formula. See also sec. 27-284.1.2(2).

Reference : "Y" means "Yes," "N" means "No," "NOT AVAIL" means "not available at time of adoption of this document."

~~Black olive;~~

- ~~Dwarf magnolia;~~
- ~~Palms (with the exception of cabbage palms);~~
- ~~Crape myrtle.~~

The director of public works may, at ~~his~~ their discretion, ~~approve additional species or~~ prohibit planting under certain circumstances. Trees planted in the right of way must meet the following criteria:

a. A root barrier shall be placed around select trees within or near the right-of-way.

b. No tree shall be placed any closer than ten feet (five feet with a root barrier) to any utility owned and operated by the City of Bradenton Public Works Department.

c. No trees shall be planted within utility easements.

d. No trees shall be planted under overhead utility lines.

e. Trees planted within medians shall not be paced as to hinder site [sight] visibility at intersections from any direction.

f. Trees planted in medians should be limited to height and diameter as to not cause damage to vehicles from the drip line.

g. Trees planted next to sidewalks shall be planted at a height as to not obstruct pedestrians use.

h. Trees shall not be planted in front of any signs.

i. All trees must be provided with an adequate watering system schedule until established.

j. In instances where tree planting is hindered by existing infrastructure or lack of adequate space, a modular suspended pavement system such as Silva-cells should be installed.

In PDPs where adequate provision for pedestrian circulation is provided, the requirements of this section may be modified by the approving body. Sidewalks shall be constructed as part of the street construction in subdivisions and PDPs unless phasing is specifically stipulated by city council. As part of the approval of a permit for a construction or alteration of structure or parking area, the PCD director may require the construction or reconstruction of sidewalks in order to fulfill the requirements of this section.

ORDINANCE NO. 4050

AN ORDINANCE OF THE CITY OF BRADENTON, FLORIDA, AMENDING BRADENTON LAND USE REGULATIONS CHAPTER 2.0 ADMINISTRATION AND PROCEDURES, AMENDING SECTION 2.1.3.1 "COMPOSITION AND TERMS OF TLPB MEMBERS" AND 2.1.3.3 "FUNCTIONS, POWERS, AND DUTIES."; AMENDING CHAPTER 4.0 GENERAL REGULATIONS 4.1.3.5 "SIDEWALKS"; PROVIDING FOR CODIFICATION; PROVIDING FOR THE REPEAL OF ORDINANCES IN CONFLICT; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City wishes to amend the Land Use Regulations to update the requirements for the composition of the Tree and Land Preservation Board; and

WHEREAS, the City wishes to amend the Land Use Regulations to update the allowable tree species to be planted in City right of ways; and

WHEREAS, the City finds it is in the City's best interest to make these revisions to its Land Use Regulations.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BRADENTON, FLORIDA:

Section 1. Findings of Fact. The foregoing whereas clauses are hereby adopted as findings of fact.

Section 2. Chapter 2.0, Section 2.1.3 of the Land Use Regulations is hereby amended to read as follows (underline indicates additions):

2.1.3 *Tree and land preservation board.* The city recognizes that a green and well-landscaped environment is important and healthy to its citizens and business community, and prospective residents and visitors. The purpose of the tree and land preservation board (TLPB) is to promote awareness of the city-wide tree canopy and tree education programs, and open space and parklands preservation initiatives. The TLPB may also, when determined by the PCD, advise owners of buildings, land, and other properties that may impact the city's tree canopy and open spaces, and other lands concerning the treatment of the natural, visual characteristics and value of such properties. The TLPB works closely with city departments, various civic and private groups, individuals, and outside agencies and organizations.

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Composition and terms of TLPB members. The TLPB shall consist of up to 11 members appointed by the mayor and confirmed by city council for terms of three years. The professional members do not have to be residents of the city. The PCD director or his or her designee shall serve as staff to the TLPB board, and shall bring forth items to the board for consideration as outlined in section 2.1.3.3. Any member may be recommended for removal by the mayor and a majority vote by city council. A simple majority of appointed members, or ~~F~~five members being present shall constitute a quorum. Members should be a diverse mix, representative of the community, in the following or similar professions:

- Florida-registered landscape architects;
- Florida-certified arborists;
- County agricultural extension office representative;
- Land use planners;
- Landscape nursery professionals;
- Keep Manatee Beautiful members;
- Foresters
- Environmental professionals
- A maximum of three city residents interested in the TLPB's purpose;

2.1.3.2 *Bylaws and procedures.* The TLPB shall adopt bylaws and procedures regarding the election and terms of officers, establishment, calling, conducting and recording of a regular schedule of public meetings. The bylaws and procedures shall be incorporated into the procedures manual maintained by the PCD director. The city council may make appropriations for salaries, fees and expenses necessary for conducting the work of the TLPB. The PCD director, at his/her discretion, may authorize expenditures by the TLPB, of less than $10,000.00 when a detailed analysis has been prepared by the TLPB, and funds are available in the city's tree program fund.

2.1.3.3 *Functions, powers, and duties.* The TLPB is authorized and empowered to undertake such actions as necessary to achieve its purpose, including the following:

a. Consider and make recommendations on items submitted to them by the

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PCD director, to the city council pertaining to the aesthetic programs and standards of the city including, but not limited to, the city's tree program (section 4.1.2), and parks and open space initiatives. The TLPB may, as determined by the PCD director, act on its own behalf in implementing related goals and objectives, as well as, consider and make recommendations regarding other matters as submitted by the city council and other city entities that make such requests.

b. Delay removal of a grand or notable tree or trees, or other remarkable tree as recommended by the PCD director, for a period of up to 180 days for the purpose of negotiations between the TLPB and property owner(s) in an effort to find a means of preserving the tree(s).

c. Establish and implement programs of education, information or research toward advancing its purpose.

d. Prepare an annual strategic plan focusing on preservation and enhancement of the city's tree canopy, parks and open space, and other related programs. The strategic plan shall be submitted as a recommendation to city council for its approval. At a minimum, the strategic plan shall comply with the minimum standards associated with Tree City, USA membership, and other similar programs.

e. The TLPB shall review, as needed, the city's LURs for revisions which advance and strengthen its purpose. Such revisions shall require Staff review and be made as recommendations to the planning commission and city council for approval.

f. Organize and conduct an Arbor Day celebration annually to educate the public on the importance of trees in our community and maintaining and enhancing the city's tree canopy.

g. Coordinate the city's memorial and notable tree programs by processing new applications, maintaining accurate records, and providing guidance with tree location, planting, and care processes.

h. In coordination with the city's grants and assistance division and approval by the city council, search and prepare proposals for financial and technical assistance grants and prepare proposals to obtain funds to finance initiatives to advance its purpose. When awarded such grants, it shall be the responsibility of the TLPB to oversee their implementation through coordination with the PCD director.

i. Establish, with city council approval, an entity to accept and maintain donated or purchased lands which achieve its purpose.

Section 3. Chapter 4.0, Section 4.1.3.5 of the Land Use Regulations is hereby amended to read as follows (underline indicates additions). The Tree Matrix is attached as Exhibit A:

4.1.3.5 *Sidewalks*. Sidewalks shall be provided on at least one side of all local streets and minor collectors and both sides of arterials and major collectors. In the UC/UCBD and UV districts, sidewalks

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shall be provided on both sides of the street, regardless of the street classification. Sidewalks shall be concrete and shall be a minimum of four inches thick and five feet wide in residential areas, and eight feet wide in mixed-use and non-residential districts. Landscaped area shall be a minimum of three feet and in all areas possible maximized within the right of way, trees shall be planted every 100 feet according to the following criteria:

Tree species shall not include the following:

- Brazilian Pepper, Carrotwood, Australian Pine, Chinese tallow, Melaleuca or any tree that meets the definition of 'Invasive' as determined by the Florida Invasive Species Council.

Tree species shall be chosen based on climate suitability and site constraints following the principle of 'Right Tree, Right Place'. See Tree Matrix for suggested species and characteristics.

The director of public works may, at their discretion, prohibit planting under certain circumstances. Trees planted in the right of way must meet the following criteria:

a. A root barrier shall be placed around select trees within or near the right-of-way.

b. No tree shall be placed any closer than ten feet (five feet with a root barrier) to any utility owned and operated by the City of Bradenton Public Works Department.

c. No trees shall be planted within utility easements.

d. No trees shall be planted under overhead utility lines.

e. Trees planted within medians shall not be paced as to hinder site [sight] visibility at intersections from any direction.

f. Trees planted in medians should be limited to height and diameter as to not cause damage to vehicles from the drip line.

g. Trees planted next to sidewalks shall be planted at a height as to not obstruct pedestrians use.

h. Trees shall not be planted in front of any signs.

i. All trees must be provided with an adequate watering system schedule until established.

j. In instances where tree planting is hindered by existing infrastructure or lack of adequate space, a modular suspended pavement system such as Silva-cells should be installed.

In PDPs where adequate provision for pedestrian circulation is provided, the requirements of this section may be modified by the approving body. Sidewalks shall be constructed as part of the street construction in subdivisions and PDPs unless phasing is specifically stipulated by city council. As part of the approval of a permit for a construction or alteration of structure or parking area, the PCD director may require the construction or reconstruction of sidewalks in order to fulfill the requirements of this section.

DRAFT

Section 6. Codification. The City Clerk shall ensure that this Ordinance shall be submitted for codification of the language in Section 2, Section 3 and Exhibit A herein upon taking effect.

Section 7. Repeal of Inconsistent Ordinances. This Ordinance hereby repeals all Ordinances, or parts thereof, in conflict herewith to the extent of such conflict.

Section 8. Severability. If any provision of this Ordinance or the application thereof to any person or circumstances is held invalid, the invalidity shall not affect other provisions or applications of the Ordinance which can be given effect without the invalid provision or application, and to this end the provisions of this Ordinance are declared severable.

Section 9. Effective Date. This Ordinance shall take effect as provided by law.

PUBLICATION DATE	
FIRST READING	June 12, 2024
PUBLICATION DATE	
SECOND READING	July 24, 2024

PASSED AND DULY ADOPTED, BY THE CITY COUNCIL OF THE CITY OF BRADENTON, FLORIDA, with a quorum present and voting, this 24th day of July, 2024.

CITY OF BRADENTON, FLORIDA

_____

Gene Brown, Mayor

ATTEST:

By: _____

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Tamara Melton, City Clerk

APPROVED AS TO FORM:

By: _____

Scott Rudacille, City Attorney

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Exhibit A

TREE TYPE / SIZE / FORM			TREE DENDROLOGY				TYPICAL CHARACTERISTICS				POWER LINE TREE? (Y/N)
Tree Type [1]	Tree Size [2]	FL Grades & Standards Tree Type-Form [3]	Common Name	Scientific Name	Plant Family	Florida Native	Mature Crown Spread	Mature Height	Species Rating [4,5]	Growth Rate [6]	
SHADE	SMALL	TYPE 1	Oriental Sweetgum	Liquidambar orientalis	Altingiaceae	NO	10' to 12'	15' to 20'	[5]	FAST	N
SHADE	MEDIUM	TYPE 1	American Hornbeam	Carpinus caroliniana	Betulaceae	YES	20' to 30'	20' to 30'	41-60%	SLOW	N
SHADE	MEDIUM	TYPE 1	Bluejack Oak	Quercus incana	Fagaceae	YES	25' to 35'	25' to 50'	[5]	MODERATE	N
SHADE	MEDIUM	TYPE 1	Florida Maple	Acer floridanum	Sapindaceae	YES	25' to 40'	20' to 40'	41-60%	MODERATE	N
SHADE	MEDIUM	TYPE 1	Myrtle oak	Quercus myrtifolia	Fagaceae	YES	35' to 40'	35' to 40'	81-100%	MODERATE	N
SHADE	MEDIUM	TYPE 1	Red Bay	Persea borbonia	Lauraceae	YES	30' to 50'	30' to 50'	21-40%	MODERATE	N
SHADE	MEDIUM	TYPE 1	Swamp Bay	Persea palustris	Lauraceae	YES	25' to 30'	25' to 35'	[5]	MODERATE	N
SHADE	MEDIUM	TYPE 1	Turkey Oak	Quercus laevis	Fagaceae	YES	25' to 30'	30' to 40'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	(American) Sycamore	Platanus occidentalis	Platanaceae	YES	50' to 70'	75' to 90'	41-60%	FAST	N
SHADE	LARGE	TYPE 1	American Elm	Ulmus americana	Ulmaceae	YES	50' to 70'	70' to 90'	81-100%	FAST	N
SHADE	LARGE	TYPE 1	Black Cherry	Prunus serotina	Rosaceae	YES	35' to 50'	60' to 90'	41-60%	FAST	N
SHADE	LARGE	TYPE 1	Black Gum/Tupelo	Nyssa sylvatica	Cornaceae	YES	25' to 35'	65' to 75'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Bluff Oak	Quercus austrina	Fagaceae	YES	35' to 50'	40' to 60'	61-80%	NOT AVAIL	N
SHADE	LARGE	TYPE 1	Camphor	Cinnamomum camphora	Lauraceae	NO	50' to 70'	40' to 50'	<21%	FAST	N
SHADE	LARGE	TYPE 1	Common Hackberry	Celtis occidentalis	Celtidaceae	YES	40' to 50'	45' to 80'	[5]	FAST	N
SHADE	LARGE	TYPE 1	Common Persimmon	Diospyros virginiana	Ebenaceae	YES	20' to 35'	40' to 60'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Durand Oak	Quercus durandii (sinuata)	Fagaceae	YES	40' to 60'	50' to 90'	61-80%	NOT AVAIL	N
SHADE	LARGE	TYPE 1	Green Ash	Fraxinus pennsylvanica	Oleaceae	YES	25' to 30'	30' to 45'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Laurel Oak	Quercus laurifolia	Fagaceae	YES	35' to 45'	60' to 70'	61-80%	FAST	N
SHADE	LARGE	TYPE 1	Pecan	Carya illinoensis	Juglandaceae	NO	50' to 70'	70' to 100'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Pignut Hickory	Carya glabra	Juglandaceae	YES	30' to 40'	50' to 65'	81-100%	MODERATE	N
SHADE	LARGE	TYPE 1	Pop Ash	Fraxinus caroliniana	Oleaceae	YES	40' to 60'	50' to 80'	[5]	FAST	N
SHADE	LARGE	TYPE 1	Pumpkin Ash	Fraxinus tomentosa (sp. "profunda")	Oleaceae	YES	45' to 50'	60' to 70'	61-80%	FAST	N
SHADE	LARGE	TYPE 1	Red Maple	Acer rubrum	Sapindaceae	YES	25' to 35'	60' to 75'	61-80%	FAST	N
SHADE	LARGE	TYPE 1	Sand Live Oak	Quercus geminata	Fagaceae	YES	45' to 60'	30' to 50'	81-100%	MODERATE	N
SHADE	LARGE	TYPE 1	Shumard's Oak	Quercus shumardii	Fagaceae	YES	40' to 50'	55' to 80'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Silver Maple	Acer saccharinum	Sapindaceae	YES	40' to 60'	60' to 80'	<21%	FAST	N
SHADE	LARGE	TYPE 1	Southern Live Oak	Quercus virginiana	Fagaceae	YES	60' to 120'	60' to 80'	81-100%	MODERATE	N
SHADE	LARGE	TYPE 1	Southern Red Oak	Quercus falcata	Fagaceae	YES	60' to 70'	60' to 80'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Strangler Fig	Ficus aurea	Moraceae	YES	50' to 70'	50' to 60'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Sugarberry	Celtis laevigata	Celtidaceae	YES	50' to 60'	50' to 70'	41-60%	MODERATE	N
SHADE	LARGE	TYPE 1	Swamp Chestnut Oak	Quercus michauxii	Fagaceae	YES	40' to 60'	60' to 80'	61-80%	NOT AVAIL	N
SHADE	LARGE	TYPE 1	Swamp Tupelo	Nyssa sylvatica var. biflora	Cornaceae	YES	65' to 70'	80' to 100'	61-80%	SLOW	N
SHADE	LARGE	TYPE 1	Sweetgum	Liquidambar styraciflua	Altingiaceae	YES	35' to 50'	60' to 75'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Water Hickory	Carya aquatica	Juglandaceae	YES	25' to 40'	60' to 70'	61-80%	SLOW	N
SHADE	LARGE	TYPE 1	Water Oak	Quercus nigra	Fagaceae	YES	60' to 70'	50' to 60'	41-60%	FAST	N
SHADE	LARGE	TYPE 1	Water Tupelo	Nyssa aquatica	Cornaceae	YES	25' to 35'	75' to 100'	61-80%	SLOW	N
SHADE	LARGE	TYPE 1	White Ash	Fraxinus americana	Oleaceae	YES	10' to 15'	35' to 60'	61-80%	MODERATE	N
SHADE	LARGE	TYPE 1	Willow Oak	Quercus phellos	Fagaceae	YES	40' to 50'	60' to 75'	<21%	FAST	N
CONIFEROUS	MEDIUM	TYPE 2	American Hophornbeam	Ostrya virginiana	Betulaceae	YES	15' to 25'	25' to 40'	<21%	SLOW	N
CONIFEROUS	MEDIUM	TYPE 2	Podocarpus (Yew Plum)	Podocarpus macrophyllus	Podocarpaceae	NO	20' to 25'	30' to 40'	81-100%	SLOW	N
CONIFEROUS	MEDIUM	TYPE 2	Red Cedar	Juniperus virginiana	Cupressaceae	YES	20' to 30'	30' to 45'	81-100%	FAST	N
CONIFEROUS	MEDIUM	TYPE 2	Sand Pine	Pinus clausa	Pinaceae	YES	15' to 25'	25' to 40'	41-60%	SLOW	N
CONIFEROUS	LARGE	TYPE 2	Baldcypress	Taxodium distichum	Cupressaceae	YES	25' to 35'	60' to 80'	81-100%	FAST	N
CONIFEROUS	LARGE	TYPE 2	Broadleaf Podocarpus	Podocarpus nagi	Podocarpaceae	NO	15' to 25'	30' to 50'	81-100%	MODERATE	N
CONIFEROUS	LARGE	TYPE 2	Chinese Juniper	Juniperus chinensis	Cupressaceae	NO	15' to 25'	40' to 50'	[5]	MODERATE	N
CONIFEROUS	LARGE	TYPE 2	Loblolly Pine	Pinus taeda	Pinaceae	YES	30' to 35'	50' to 80'	61-80%	FAST	N
CONIFEROUS	LARGE	TYPE 2	Loblolly-Bay	Gordonia lasianthus	Theaceae	YES	25' to 35'	50' to 75'	81-100%	MODERATE	N
CONIFEROUS	LARGE	TYPE 2	Longleaf Pine	Pinus palustris	Pinaceae	YES	30' to 40'	60' to 80'	61-80%	FAST	N
CONIFEROUS	LARGE	TYPE 2	Pondcypress	Taxodium ascendens	Cupressaceae	YES	10' to 15'	50' to 60'	81-100%	SLOW	N
CONIFEROUS	LARGE	TYPE 2	Slash Pine	Pinus elliottii var densa	Pinaceae	YES	35' to 50'	75' to 100'	61-80%	FAST	N

ORNAMENTAL	SMALL	TYPE 3	American Elder	Sambucus nigra (subsp. Canadensis)	Adoxaceae	YES	6' to 10'	8' to 12'	21-40%	MODERATE	**Y**
ORNAMENTAL	SMALL	TYPE 3	Blackhaw (Walter's Vibernum)	Viburnum obovatum	Caprifoliaceae	YES	6' to 10'	8' to 25'	61-80%	MODERATE	**N**
ORNAMENTAL	SMALL	TYPE 3	Burford Holly (Chinese Holly)	Ilex cornuta 'Burfordii'	Aquifoliaceae	NO	15' to 25'	15' to 25'	81-100%	MODERATE	**Y**

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TREE TYPE / SIZE / FORM			TREE DENDROLOGY				TYPICAL CHARACTERISTICS				
Tree Type [1]	Tree Size [2]	FL Grades & Standards Tree Type-Form [3]	Common Name	Scientific Name	Plant Family	Florida Native	Mature Crown Spread	Mature Height	Species Rating [4,5]	Growth Rate [6]	POWER LINE TREE? (Y/N)
ORNAMENTAL	SMALL	TYPE 3	Chickasaw Plum	Prunus angustifolia	Rosaceae	YES	15' to 20'	12 to 20'	61-80%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Chinese Fringetree	Chionanthus retusus	Oleaceae	NO	10' to 15'	15' to 20'	41-60%	SLOW	N
ORNAMENTAL	SMALL	TYPE 3	Crapemyrtle	Lagerstroemia indica	Lythraceae	NO	15' to 25'	10' to 30'	81-100%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Devilwood	Osmanthus americanus	Oleaceae	YES	10' to 15'	15' to 25'	[5]	MODERATE	N
ORNAMENTAL	SMALL	TYPE 3	Flatwoods Plum	Prunus umbellata	Rosaceae	YES	12' to 20'	12' to 20'	41-60%	MODERATE	N
ORNAMENTAL	SMALL	TYPE 3	Florida Privet	Forestiera segregata	Oleaceae	YES	5 to 10'	10' to 15'	61-80%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Fringetree	Chionanthus virginicus	Oleaceae	YES	10' to 15'	12 to 20'	41-60%	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Jerusalem-Thorn	Parkinsonia aculeata	Fabaceae	NO	20' to 25'	15' to 20'	41-60%	FAST	N
ORNAMENTAL	SMALL	TYPE 3	Lemon Bottlebrush	Callistemon citrinus	Myrtaceae	NO	10' to 15'	10' to 15'	[5]	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Ligustrum (Japanese Privet)	Ligustrum japonicum	Oleaceae	NO	15' to 25'	8' to 12'	81-100%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Loquat	Eriobotrya japonica	Rosaceae	NO	20'	25'	61-80%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Possumhaw	Ilex decidua	Aquifoliaceae	YES	10' to 15'	10' to 15'	[5]	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Purple Tabebuia	Tabebuia impetiginosa	Bignoniaceae	NO	10' to 15'	12' to 18'	[5]	SLOW	N
ORNAMENTAL	SMALL	TYPE 3	Red Buckeye	Aesculus pavia	Sapindaceae	YES	15' to 25'	15' to 20'	21-40%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Southern Wax Myrtle	Myrica cerifera	Myricaceae	YES	20' to 25'	15' to 25'	[5]	FAST	Y
ORNAMENTAL	SMALL	TYPE 3	Starburst	Clerodendrum Quadriloculare	Lamiaceae	NO	10'	15'	[5]	FAST	Y
ORNAMENTAL	SMALL	TYPE 3	Swamp ("Stiff") Dogwood	Cornus foemina	Cornaceae	YES	10' to 15'	10' to 25'	[5]	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	Sweet Acacia	Acacia farnesiana	Fabaceae	YES	15' to 25'	15' to 25'	41-60%	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Upright Bottlebrush	Callistemon rigidus	Myrtaceae	NO	8' to 12'	8' to 12'	41-60%	FAST	Y
ORNAMENTAL	SMALL	TYPE 3	Weeping Bottlebrush	Callistemon viminalis [7]	Myrtaceae	NO	15' to 20'	15' to 20'	41-60%	MODERATE	Y
ORNAMENTAL	SMALL	TYPE 3	White Geiger (Wild Olive)	Cordia boissieri	Boraginaceae	NO	10' to 15'	15' to 20'	41-60%	SLOW	Y
ORNAMENTAL	SMALL	TYPE 3	Yaupon Holly	Ilex vomitoria	Aquifoliaceae	YES	15' to 20'	15' to 20'	81-100%	MODERATE	Y
ORNAMENTAL	MEDIUM	TYPE 3	'Nellie R. Stevens' Holly	Ilex x 'Nellie R. Stevens'	Aquifoliaceae	YES	10' to 15'	20' to 30'	81-100%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Black Mangrove	Avicennia germinans	Avicenniaceae	YES	NOT AVAIL	20' to 40'	41-60%	NOT AVAIL	N
ORNAMENTAL	MEDIUM	TYPE 3	Coastal Plain Willow	Salix caroliniana	Salicaceae	YES	25' to 35'	25' to 35'	61-80%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 2	Dahoon Holly	Ilex cassine	Aquifoliaceae	YES	8' to 12'	20' to 30'	61-80%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 2	'East Palatka' Holly	Ilex x attenuata	Aquifoliaceae	YES	10' to 15'	30' to 45'	21-40%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 2	Eastern Redbud	Cercis canadensis	Fabaceae	YES	15' to 25'	20' to 30'	21-40%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 3	Flowering Dogwood	Cornus florida	Cornaceae	YES	25' to 30'	20' to 30'	21-40%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Golden Trumpet Tree	Tabebuia chrysotricha	Bignoniaceae	NO	25' to 35'	25' to 35'	41-60%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 1	Jacaranda	Jacaranda mimosifolia	Fabaceae	NO	45' to 60'	25' to 40'	41-60%	FAST	N
ORNAMENTAL	MEDIUM	TYPE 3	Red Mangrove	Rhizophora mangle	Rhizophoraceae	YES	15' to 25'	15' to 25'	81-100%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Seagrape	Coccoloba uvifera	Polygonaceae	YES	20' to 30'	25' to 30'	61-80%	MODERATE	N
ORNAMENTAL	MEDIUM	TYPE 3	Simpson Stopper	Myrcianthes fragrans	Myrtaceae	YES	15' to 20'	15' to 20'	81-100%	SLOW	N
ORNAMENTAL	MEDIUM	TYPE 3	Witch-Hazel	Hamamelis virginiana	Hamamelidaceae	YES	15' to 25'	20' to 30'	[5]	SLOW	N
ORNAMENTAL	LARGE	TYPE 2	American Holly	Ilex opaca	Aquifoliaceae	YES	15' to 25'	35' to 50'	61-80%	SLOW	N
ORNAMENTAL	LARGE	TYPE 1	'Bosque' Chinese Elm	Ulmus parvifolia	Ulmaceae	NO	35' to 50'	35' to 45'	41-60%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	'Drake' Chinese Elm	Ulmus parvifolia 'Drake'	Ulmaceae	NO	35' to 50'	35' to 45'	41-60%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 2	Japanese Blueberry	Eleocarpus decipiens	Caprifoliaceae	NO	20' to 40'	40' to 60'	81-100%	SLOW	N
ORNAMENTAL	LARGE	TYPE 2	Olive	Olea europaea	Oleaceae	NO	35' to 50'	25' to 50'	61-80%	SLOW	N
ORNAMENTAL	LARGE	TYPE 2	Red Mulberry	Morus rubra	Moraceae	YES	35' to 50'	50' to 75'	41-60%	FAST	N
ORNAMENTAL	LARGE	TYPE 1	Southern Magnolia	Magnolia grandiflora	Magnoliaceae	YES	30' to 40'	60' to 80'	61-80%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	Sweetbay Magnolia	Magnolia virginiana	Magnoliaceae	YES	15' to 25'	40' to 50'	61-80%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	White Mangrove	Laguncularia racemosa	Combretaceae	YES	30' to 40'	30' to 50'	81-100%	MODERATE	N
ORNAMENTAL	LARGE	TYPE 1	Winged Elm	Ulmus alata	Ulmaceae	YES	30' to 40'	45' to 70'	61-80%	FAST	N
PALM	SMALL	PALM	Chinese Windmill Palm	Trachycarpus fortunei	Arecaceae	NO	6' to 10'	10' to 20'	61-80%	SLOW	Y
PALM	SMALL	PALM	Cliff Date Palm	Phoenix rupicola	Arecaceae	NO	20'	25'	[5]	FAST	Y
PALM	SMALL	PALM	European Fan Palm	Chamaerops humilis	Arecaceae	NO	20'	15'	81-100%	SLOW	Y
PALM	SMALL	PALM	Pindo Palm	Butia capitata	Arecaceae	NO	10' to 15'	15' to 25'	61-80%	SLOW	Y
PALM	SMALL	PALM	Pygmy Date Palm	Phoenix roebellenii	Arecaceae	NO	7'	12'	61-80%	SLOW	Y
PALM	MEDIUM	PALM	Paurotis Palm	Acoelorraphe wrightii	Arecaceae	YES	12'	30'	61-80%	SLOW	N
PALM	MEDIUM	PALM	Puerto Rican Hat Palm	Sabal causarium	Arecaceae	NO	15'	45'	[5]	SLOW	N
PALM	MEDIUM	PALM	Senegal Date Palm	Phoenix reclinata [7]	Arecaceae	NO	40' to 50'	30' to 35'	61-80%	MODERATE	N
PALM	MEDIUM	PALM	Wild Date Palm	Phoenix sylvestris	Arecaceae	NO	20'	40'	81-100%	FAST	N

TREE TYPE / SIZE / FORM			TREE DENDROLOGY				TYPICAL CHARACTERISTICS				POWER LINE TREE? (Y/N)
Tree Type [1]	Tree Size [2]	FL Grades & Standards Tree Type-Form [3]	Common Name	Scientific Name	Plant Family	Florida Native	Mature Crown Spread	Mature Height	Species Rating [4,5]	Growth Rate [6]	
PALM	LARGE	PALM	Bismarck Palm	Bismarkia nobilis	Arecaceae	NO	12' to 16'	30' to 60'	[5]	SLOW	**N**
PALM	LARGE	PALM	Cabbage Palm	Sabal palmetto	Arecaceae	YES	10' to 15'	40' to 50'	81-100%	SLOW	**N**
PALM	LARGE	PALM	Canary Island Date Palm	Phoenix canariensis	Arecaceae	NO	20' to 25'	40' to 60'	81-100%	SLOW	**N**
PALM	LARGE	PALM	Chinese Fan Palm	Livistona chinensis	Arecaceae	NO	10' to 12'	30' to 50'	81-100%	MODERATE	**N**
PALM	LARGE	PALM	Date Palm	Phoenix dactylifera	Arecaceae	NO	12 to 15'	50' to 80'	81-100%	MODERATE	**N**
PALM	LARGE	PALM	Ribbon Fan Palm	Livistona decora (deciphens)	Arecaceae	NO	15'	30'	81-100%	SLOW	**N**
PALM	LARGE	PALM	Washington (Mexican Fan) Palm	Washingtonia robusta [7]	Arecaceae	NO	10' to 15'	60' to 90'	61-80%	FAST	**N**

Notes:

[1] Typology: Shade; Coniferous; Ornamental; Palm

[2] Small [0-20' avg height]; Medium [20-40' avg height]; Large [40' or higher avg height]. Average ["avg"] height dimension is at time of full growth/maturity.

[3] Source: FL Dept of Agricultural & Consumer Services, Florida Grades and Standards for Nursery Plants 2015.

[4] Source: Tree Species Ratings for Florida, January 2016, International Society of Arboriculture, FL Chapter. Rating % assigned to a specific tree upon evaluation and determination of its existing condition. Refer to sec. 27-285.4.1 for Rating % and tree condition equivalency factors. The higher the Rating % = the higher suitability in Tampa's urban environment (assuming proper placement & general maintenance).

[5] Species Rating not available from Florida ISA. Use Condition Rating factor as Species Rating factor in Mitigation calculation for grand trees.

[6] Growth Rate: refers to the vertical increase in growth. Slow: ≤ 12" per year; Moderate: 13"-24" per year; Fast: ≥ 25" per year. (Source: Dirr, M., Manual of Woody Landscape Plants, pub. Jan. 1990)

[7] Species listed as Category II on the 2017 Florida Exotic Pest Plant Council List of Exotic Species. Specie may be planted and/or retained, but no credit shall be factored into mitigation formula. See also sec. 27-284.1.2(2).

Reference : "Y" means "Yes," "N" means "No," "NOT AVAIL" means "not available at time of adoption of this document."

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AGENDA ITEM NO. 9.a

Item Cover Page

PLANNING COMMISSION AGENDA ITEM REPORT

DATE: August 21, 2024

SUBMITTED BY: Greg DeLong, Planning & Community Development

ITEM TYPE: Miscellaneous

AGENDA SECTION: **ANNOUNCEMENT OF CITY COUNCIL PUBLIC HEARING DATES**

SUBJECT:

City Council - July 24, 2024

1. Resolution 24-42 - SU.24.1851: Special Use request for a school expansion at 1011 21st St. E. (Approved/vote 5-0)
2. Resolution 24-43 - SU.24.1783: Special Use request for a medical clinic at 914-918 14th St. W. & 920 14th St. Ct. W. (Denied/vote 5-0)

City Council - August 21, 2024

1. Ordinance 4040 - RV.24.1517: 2nd Reading - Right-of-Way Vacation (new Police HQ)
2. Ordinance 4041 - RV.24.1518: 2nd Reading - Right-of-Way Vacation (new Police HQ)
3. Ordinance 4042 - RV.24.1519: 2nd Reading - Right-of-Way Vacation (new Police HQ)
4. Ordinance 4046 - RV.24.1687: 2nd Reading - Right-of-Way Vacation (new Police HQ)
5. Ordinance 4048 - RV.24.2186: 2nd Reading - Right-of-Way Vacation (current City Hall/Police complex)

SUGGESTED ACTION:

Is this item Quasi-Judicial?
No

Does this item require a public hearing?
No

ATTACHMENTS: