BOARD OF COMMISSIONERS REGULAR WORKSHOP
TUESDAY, JULY 18, 2023 – 7:00 PM
120 108TH AVENUE
TREASURE ISLAND, FL 33706

MEETING NOTICE AND AGENDA

- THIS MEETING WILL IMMEDIATELY FOLLOW THE 6 PM CITY COMMISSION MEETING -

A. CITY MANAGER AND CITY ATTORNEY REPORT

City Manager Amy Davis
City Attorney Jennifer Cowan

B. DISCUSSION

B.1 Smoking Ban on public beach and parks discussion
DRAFT_COTI_no_smoking_ordinance.docx
Clearwater ordinance 9690-23.pdf
Pinellas County Ordinance - Chapter 90 Amendments Final Redline.pdf
st-petersburg ordinance (1).pdf

B.2 Discuss the Causeway Landscaping Maintenance Bid and City Grounds Maintenance Staffing
Att A - Estimated 3rd Grounds Crew Costs.pdf
Att B - Invitation to Bid and Bid Pricing.pdf

C. PUBLIC COMMENT

D. ADJOURNMENT

For any person desiring to appeal any decision made by the board, agency, or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based [F.S. 286.0105]. NOTE: Any transcript shall be requested and made by the individual requesting same at his or her own expense. Therefore, a court reporter may be desired or required accordingly.

Any person with a disability who needs any accommodation in order to participate in this

proceeding is entitled to assistance at no cost. Please contact the Office of the City Clerk in writing at 120 108th Avenue, Treasure Island, FL, 33706 or by phone at (727) 547-4575 at least two working days prior to the meeting to advise what assistance is needed.

AGENDA ITEM NO. B.1

Item Cover Page

BOARD OF COMMISSIONERS AGENDA ITEM REPORT

DATE:	July 18, 2023
SUBMITTED BY:	William Barrs, Fire
ITEM TYPE:	Ordinances
AGENDA SECTION:	DISCUSSION
SUBJECT:	Smoking Ban on public beach and parks discussion
BACKGROUND:	The Commission previously discussed this item this past summer and while having consensus to pursue banning smoking on the beach there were a number of things that still need to be discussed and decided such as how to treat the Central Beach Trail and the public beach to the east of the trail (referred to a no mans land). Additionally, there was a desire expressed by the Commission to be inline with other neighboring communities up and down the barrier island so it was decided to coordinate through the Big-C. The Big-C meetings were disrupted by Hurricane Ian for the month of September when this item was last scheduled to be discussed. This discussion was then postponed until larger beach entities such as Pinellas County pass their No Smoking Ban to not only allow ourselves to be aligned, but also from the public education perspective of getting the word out across the beaches from the North to the Southern part of the barrier island. Commissioner Toth asked for an update on this matter at the November 1, 2022 Commission Meeting and Pinellas County had not yet adopted a No Smoking Ban Ordinance.
POLICY/PURPOSE:	To discuss attributes for a potential No Smoking Ban ordinance for the City's Beaches and Parks.
STRATEGIC PLAN RELEVANCE:	Environmental Sustainability Road Map, Goal1: Become an environmentally sustainable and resilient community.
ANALYSIS/DISCUSSION:	Since last discussed, Pinellas County has a proposed

ordinance banning smoking from beaches and parks, and the Cities of Clearwater and St Petersburg have passed ordinances on this topic.

A draft ordinance includes the following attributes for the City Commission's consideration for the City of Treasure Island that largely aligns with the recently adopted ordinances related to this topic are listed below:

- prohibits smoking and vaping on beach trail
- prohibits on beaches and in parks
- allows for resolution of commission for exemption of this ordinance when done at or during a City sponsored or co-sponsored event
- beach areas under a license agreement would be controlled by licensee (this is unique to Treasure Island)
- allows for code/law enforcement to issue a citation ($88)
- smoking would be allowed in beach and park parking lots with increased litter receptacles and education signage (potential exception - as it is not very clear if parking lots are included in beach and park areas for City of St. Petersburg and Clearwater ordinances).

The City of St. Petersburg has adopted a Smoking Ban to include beaches and parks, includes electronic cigarettes, lighted tobacco products, including cigarettes, pipe tobacco, and any other lighted tobacco product with the exception of unfiltered cigars. Additionally, the City of St. Petersburg created their own definitions, while the proposed ordinance uses statutory definitions.

The City of Clearwater as adopted a Smoking Ban to include public beaches and parks, includes electronic cigarettes, lighted tobacco products (excluding the unfiltered cigars as pre-empted by the State of Florida). Banned areas include parking areas if included in the definition of the park. Parking areas next to beaches is not clearly defined.

FUNDING: Funding for signage should be expected and time spent to craft public messaging and amending the City's website about the ordinance will be performed.

MOTION: Commission consensus on attributes to include in No Smoking Ban Ordinance to bring forward for 1st Reading.

ATTACHMENTS:

DRAFT_COTI_no_smoking_ordinance.docx
Clearwater ordinance 9690-23.pdf
Pinellas County Ordinance - Chapter 90 Amendments Final Redline.pdf
st-petersburg ordinance (1).pdf

ORDINANCE NO. 23 - ____

AN ORDINANCE OF THE CITY OF TREASURE ISLAND, FLORIDA, AMENDING THE CODE OF ORDINANCES OF THE CITY OF TREASURE ISLAND, FLORIDA TO AMEND CHAPTER 24, ARTICLE II, RULES AND REGULATIONS FOR PUBLIC FACILITIES AND BEACHES, SECTION 24-33, "GENERAL RULES AND REGULATIONS" TO PROHIBIT SMOKING AND VAPING WITHIN PUBLIC PARKS, RECREATION FACILITIES AND PUBLIC BEACHES EXCEPT AS PROVIDED HEREIN; AMENDING SECTION 24-36 "PENALTY" TO PROVIDE FOR ENFORCEMENT THROUGH SUPPLEMENTAL CODE ENFORCEMENT PROCEDURES; AND PROVIDING FOR SEVERABILITY, CONFLICT, CODIFICATION, AND AN EFFECTIVE DATE.

WHEREAS, the State of Florida enacted the "Florida Clean Indoor Air Act" ("Act") to protect the public health, comfort, and environment by creating public places that are reasonably free from tobacco smoke and vapor; and

WHEREAS, the Act preempted the regulation of smoking to the State of Florida; and

WHEREAS, effective July 1, 2022, the Legislature broadened the Act, removing references to "indoor" air, and allowed municipalities to restrict smoking and vaping within public parks and beaches within jurisdiction; and

WHEREAS, the revised Act prohibits municipalities from restricting the smoking of unfiltered cigars; and

WHEREAS, based on the legislative amendment, the City desires to amend its Code of Ordinances to add a prohibition on smoking in its parks and beaches to protect the public from potential health hazards and to provide for an enforcement mechanism for this prohibition; and

WHEREAS, the Florida Legislature found that cigarettes are the leading cause of fire deaths in Florida and the nation, with staff analyses referencing various studies from the United Health Foundation, Centers for Disease Control and Prevention, and others on the impact smoking has on the health of citizens and that secondhand smoke in crowded outdoor areas can cause concentrations of air contaminants comparable to those caused by indoor smoking; and

WHEREAS, another significant issue with tobacco smoking on the City's public beaches and parks are discarded cigarette filters and vapor-generating electronic devices such as used e-cigarette cartridges and pens ("vapes"), are made from non-biodegradable substances such as cellulose acetate that contains hazardous substances that can be toxic to animals; and

WHEREAS, it is estimated that up to two-thirds of cigarette filters are discarded as litter that can take years to decompose and contains hazardous, potentially toxic substances; and

WHEREAS, research conducted by the Ocean Conservancy, a non-profit environmental advocacy group found that the litter from cigarettes and vapes, is made of plastic fibers that erode into smaller pieces that accumulate in various organisms and are frequently found in the intestines of dead or sick seabirds, sea turtles, fish, and dolphins, posing a danger to local wildlife and ocean animals; and

WHEREAS, the waste from vapes contains mercury, lead, and other toxic chemicals that can leach into soil or sand, is not biodegradable, poses as a choking hazard for small children, animals, and ocean creatures, and is being discarded as litter in increasing numbers throughout Florida's public spaces; and

WHEREAS, beach clean-up volunteers in the City have repeatedly identified cigarette filters as being the most significant and pervasive litter on City beaches; and

WHEREAS, the City has a compelling interest in maintaining the quality of the environment of its public parks and beaches to promote tourism, the local economy, the environment, and the public health by reducing the amount of toxic second-hand smoke and cigarette and vape litter present in crowded outdoor public spaces; and

WHEREAS, the prohibition of smoking and vaping at its parks and beaches is narrowly tailored to preserve and maintain the City's natural assets by reducing litter, while lessening the public's exposure to tobacco smoke and vapor, thereby providing for a healthier and more pleasant park and beach experience; and

WHEREAS, the City Commission determines that the adoption of this Ordinance is in the interests of the public health, safety and welfare of the City and its residents.

NOW, THEREFORE, THE CITY OF TREASURE ISLAND DOES ORDAIN:

SECTION 1. The recitals set forth in the "Whereas" clauses above are ratified and confirmed as true and correct and are hereby adopted as legislative findings by the City Commission of the City of Treasure Island, Florida for the adoption of this Ordinance.

SECTION 2. That Section 24-33 of the Code of Ordinances of the City of Treasure Island, Florida, is hereby amended to add a new subsection (7) which reads as follows:

Sec. 24-33. - General rules and regulations.

The following rules and regulations as may hereinafter be amended from time to time by resolution of the city commission shall apply to all parks, recreation facilities and public beaches within the city:

(1) No glass containers shall be permitted.

(2) No confetti, rice or bird seed shall be thrown on city property.

(3) No commercial use of city property is permitted without a permit from the city manager or his designee.

(4) No temporary structures shall be permitted without written authorization from the community improvement department.

(5) Compliance with the city noise ordinance shall be adhered to at all times.

(6) All outdoor public assemblies, sponsored or unsponsored, advertised or not advertised, and open to the public, shall cease by sunset. Group sponsored or unsponsored outdoor public assemblies open to the public, include, but are not limited to, the Drum Circle, Sanding Ovations, Bands on the Sand, and any other similar groups or activity. A permit may be approved by resolution by the city commission for a later ending time of the activity or event. In considering whether to approve a permit for an extended termination time, the commission may include such factors as:

a. The nature of the event;

b. The expected number of participants or attendance;

c. The provision of sanitary facilities;

d. Provision for cleanup;

e. Methods to be employed by applicant to maintain an orderly event or activity;

f. Any other factors the commission in its sole discretion considers necessary to protect the health, safety and welfare of the community.

(7) No smoking, except unfiltered cigars, and no vaping; including during those activities listed in section 24-35(1) and (2) of this article. Notwithstanding the foregoing, smoking and vaping are permitted in city-owned parking lots and as otherwise authorized by the commission through license agreements and special event permits. For the purposes of this article, "smoking" and "vaping" are as defined in chapter 386, Florida Statutes, as may be amended.

SECTION 3. That Section 24-36 of the Code of Ordinances of the City of Treasure Island, Florida, is hereby amended to read as follows:

Sec. 24-36. – Penalty and enforcement.

(a) It shall be illegal for any person, firm, corporation or other entity to violate the above rules and regulations as may from time to time be amended.

(b) It shall be unlawful for any person to stage, present, conduct, or attempt to stage, present or conduct an outdoor public assembly beyond the time limitations established in this article, without a permit.

(c) It shall be unlawful for any person to participate in an outdoor public assembly beyond the time limitations established in this article, without a permit.

(d) City code and law enforcement officers are hereby authorized to enforce this article pursuant to the supplemental county or municipal code or ordinance enforcement procedures set forth in F.S. § 162.21, as same may be amended from time to time. The city code and law enforcement officers are authorized and directed to strictly enforce this article in accordance with section 1-15 of the city code. When the code or law enforcement officer has reasonable cause to believe, based upon personal investigation, that a person has committed a violation of this article, the city code or law enforcement officer is hereby authorized to issue a citation.

(e) Prior to issuing a citation, the code or law enforcement officer shall provide notice to the person that the person has committed a violation of this article and that said person has a reasonable time period to desist in the violation. If, upon personal investigation, the code or law enforcement officer finds that the person has not timely corrected the violation, the code or law enforcement officer may issue a citation to the person who has committed the violation. The code or law enforcement officer is not required to provide any period of time to correct the violation prior to issuance of a citation if the code or law enforcement

officer has reason to believe that the violation presents a serious threat to the public health, safety or welfare, or if the violation is irreparable, irreversible or not capable of being cured.

(f) The citation shall contain the dollar amount of the fine to be imposed in the event the person does not contest the citation and notice of the necessary procedures to contest the citation in the county court for the city. Additionally, the citation shall contain all other requirements of F.S. § 162.21(3)(c). If the person elects not to contest the citation, the person shall pay the applicable civil penalty to the clerk of the county court within 30 days after issuance of the citation. Alternatively, if the person elects to contest the citation, the person shall request a hearing through the clerk of the county court within 30 days after the issuance of the citation. The clerk shall schedule a hearing in the county court and shall provide written notice of the hearing to the person as well as the code or law enforcement officer. Citations contested in the county court shall be subject to court costs as well as the civil penalty set forth in this chapter. Any violator of such rules and regulations shall be punished by a fine not to exceed $500.00 per violation. In addition, any person violating the above rules and regulations shall be subject to being removed from the property.

(g) Each occurrence of any violation of any provision of this article shall constitute a separate offense. A violation of the provisions of this article, by any person, shall be punishable by civil penalties as a category V violation, with an uncontested fine amount of $88.00.

(h) In addition to the civil penalties provided, the city commission is hereby authorized to institute any appropriate action or proceeding, including a suit for injunctive relief, in order to prevent or abate violations of this article.

SECTION 4. Each provision of this Ordinance shall be deemed separate and severable and if any section or part thereof is held to be invalid by a court of competent jurisdiction, the remainder of the Ordinance shall not be affected.

SECTION 5. All ordinances or portions of ordinances in conflict with or inconsistent with this Ordinance are hereby repealed to the extent of such inconsistency or conflict.

SECTION 6. Sections 2 and 3 of this Ordinance shall be codified in the Code of Ordinances for the City of Treasure Island, Florida. The codifier is authorized to renumber or reclassify such other provision of the Code of Ordinances to accomplish such intention. The codifier is also authorized to make editorial changes not affecting the substance of this Ordinance in the substitution of article, ordinance, section, paragraph, or such other appropriate word or phrase to accomplish such intention.

SECTION 7. This Ordinance shall become effective immediately upon its final passage.

FIRST READING and PUBLIC HEARING: _____, 2023.

SECOND READING and PUBLIC HEARING: _____, 2023.

PUBLISHED in the Tampa Bay Times on the ____ day of _____, 2023.

The foregoing ordinance was offered during the meeting of the City Commission of the City of Treasure Island, Florida, sitting on the ____ day of _____ 2023 by Commissioner _____ who moved its adoption; was seconded by Commissioner _____ and upon roll call, the vote was:

YEAS:

NAYS:

ABSENT OR ABSTAINING:

_____
Tyler Payne, Mayor

ATTEST:

_____
Celine Kidwell, City Clerk

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ORDINANCE NO. 9690-23

AN ORDINANCE OF THE CITY OF CLEARWATER, FLORIDA; AMENDING CHAPTER 2, ARTICLE V, DIVISION 3, EMPLOYEES' PENSION PLAN, AMENDING SECTION 2.414 "PARTICIPATION"; PROVIDING FOR INCLUSION IN THE CODE; PROVIDING FOR SEVERABILITY; PROVIDING FOR A REPEALER; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Clearwater Employees' Pension Plan (the "Plan") governs the payment of retirement benefits for City employees;

WHEREAS, the City is desirous of attracting and retaining employees to be the Police Chief and Fire Chief;

WHEREAS, the Police Chief and the Fire Chief may opt out of the Pension Plan;

WHEREAS, the City wants to clarify that a Police Chief or Fire Chief who is rehired after normal retirement and who opts out of the System is entitled to an in-service distribution of their retirement benefits after their rehire;

WHEREAS, the Plan's actuary has studied the cost of this amendment;

WHEREAS, the Board of Trustees of the City of Clearwater Employees' Pension Plan has prepared this ordinance;

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

Section 1: Section 2.414 of the Code of Ordinances of the City of Clearwater is hereby amended to read as follows:

Section 2.414. Participation

(a) *Participation.*

(1) Unless otherwise provided herein, all employees of the employer shall be required to make the contributions specified in section 2.415 and shall be required to participate in the plan, except that the Police Chief and Fire Chief may opt out of participation in the Pension Plan as provided for in Florida Statutes §185.02(16) and 175.032(11).

(2) Any employee who is a participant and who has been or may be appointed to a regular full-time position exempt from the civil service classified service system of the employer shall be eligible to continue participation in the plan in the same manner as any other employee.

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(b) *Reemployment.*

(1) If a participant terminates employment with the employer and receives a return of employee contributions and is subsequently reemployed within the five-year period following his termination of employment, the former participant shall again be eligible to participate in the plan and his credited service shall be based on all periods of employment, provided he

a. Again satisfies the definition of "employee" set forth in section 2.412, and

b. Reimburses the plan in accordance with subparagraph (4) of section 2.419.

(2) Notwithstanding the foregoing, an employee who is reemployed in a regular full-time position other than that of a firefighter or police officer after his benefits have commenced under the plan (other than disability benefits pursuant to section 2.418) shall not be eligible to participate in the plan upon his subsequent reemployment. Reemployment may not commence until at least 30 days after the initial separation from employment with the city. Upon reemployment, the employee will be required to participate in the federal social security program.

(3) In the event that a retiree is reemployed as a full time police officer or firefighter, he shall be required to become a member in the fund. Receipt of benefits shall be suspended for the period of reemployment. Upon ending the period of reemployment, benefits shall be recalculated, taking into account any additional credited service or change in final monthly compensation. Notwithstanding the foregoing, if a hazardous duty employee is rehired after normal retirement as the police chief or fire chief, they may opt out of participation in the Pension Plan and be entitled to receive or continue receiving an in-service distribution of the normal retirement pension benefit. If the police chief or fire chief is rehired after early retirement, no in-service distribution can be made until the Chief reaches the age required in Section 401(a)(36) of the Internal Revenue Code, as it may be amended. Any rehire of a member as Police Chief or Fire Chief is subject to a 30 day period from the date of the initial separation of employment with the City to the rehire date.

* * *

Section 2: It is the intention of the City Council, and it is hereby ordained that the provisions of this Ordinance shall become and be made a part of the Code of Ordinances of the City Clearwater, that the sections of the Ordinance may be renumbered or relettered to accomplish such intentions; and that the word "Ordinance" shall be changed to "Section" or other appropriate word.

Section 3: If any clause, section, or other part or application of this Ordinance shall be held in any court of competent jurisdiction to be unconstitutional or invalid, such unconstitutional or invalid part or application shall be considered as eliminated and shall not affect the validity of the remaining portions or applications which shall remain in full

force and effect.

Section 4: All ordinances or parts of ordinances, resolutions or parts of resolutions in conflict herewith are hereby repealed to the extent of such conflict.

Section 5: This Ordinance shall become effective immediately upon adoption, unless otherwise provided.

PASSED ON FIRST READING — June 8, 2023

PASSED ON SECOND AND FINAL READING AND ADOPTED — June 15, 2023

DocuSigned by:
Brian Aungst
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Brian J. Aungst, Sr.
Mayor

DS

Approved as to form:
DocuSigned by:
David Margolis
630D3E9E13E041E...
David Margolis
City Attorney

Attest:
DocuSigned by:
Rosemarie Call
620DD5EDEE54CF...
Rosemarie Call
City Clerk

Coding: Words in strikeout type are deletions from existing text.
Words in underline type are additions.

ORDINANCE 23-_____

AN ORDINANCE OF THE COUNTY OF PINELLAS, PROVIDING THAT THE PINELLAS COUNTY CODE BE AMENDED BY REVISING CHAPTER 90 OF SAID CODE; PROVIDING FOR REVISIONS TO CHAPTER 90 OF THE CODE INCLUDING REVISIONS TO SECTION 90-7 RELATED TO SMOKING AND VAPING ON CERTAIN COUNTY OWNED PROPERTIES AND BEACHES; AMENDING SECTION 90-16 RELATING TO BOATING, DOCKING AND STORAGE OF VESSELS; PROVIDING FOR SEVERABILITY; PROVIDING FOR AREAS EMBRACED; PROVIDING FOR INCLUSION IN THE CODE; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Pinellas County Code Chapter 90, Article I. relates to all parks, environmental lands, and other facilities overseen by the Pinellas County Parks and Conservation Resources Department; and

WHEREAS, from time to time it is necessary to update and clarify provisions of the Pinellas County Code to ensure definitions and references are current in relation to changing state statutes; and

WHEREAS, historically, the regulation of smoking and vaping has been preempted to the State of Florida, however as of July 2022, with the passage of the Florida Clean Air Act, counties and municipalities were granted the ability to regulate smoking and vaping on public parks and beaches; and

WHEREAS, in order to ensure the welfare of specific County owned properties and beaches, as well as the visitors thereto, the Board of County Commissioners has determined that additional regulations pertaining to vaping and smoking on those properties are necessary; and

WHEREAS, the Board of County Commissioners additionally desires that Chapter 90, Article I. be further modified to eliminate redundancy, enhance clarity, and expand on terms and actions that were otherwise vague or misleading; and

NOW THEREFORE, BE IT ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF PINELLAS COUNTY, FLORIDA, that:

SECTION 1. Chapter 90 of the Pinellas County Code is hereby amended to read as follows:

Chapter 90 PARKS AND CONSERVATION RESOURCES

ARTICLE I. IN GENERAL

Sec. 90-1. Parks and conservation resources advisory board.

(a) *Establishment; appointment; qualification; organization.*

(1) *Establishment.* There is hereby established in and for the county a board to be known as the "Pinellas County Parks and Conservation Resources Advisory Board" consisting of ten members.

(2) *Appointment.* One member shall be a member of and nominated by the county youth advisory committee and appointed by the board of county commissioners. Of the nine remaining members, each county commissioner shall nominate one member without regard to political affiliation, and the members shall be appointed by the board of county commissioners and two members with experience in environmental science and/or policy shall be appointed by the board of county commissioners. The term of office shall be ~~one~~ two years and shall run concurrently with the term of the nominating commissioner, or, in the case of the county youth advisory committee and environmental science/policy nominees, from August 1 through July 31. Except in order to maintain concurrency of term, no member of the parks and conservation resources advisory board may be removed prior to the expiration of the member's term except by the board of county commissioners. The parks and conservation resources advisory board may request that the board of county commissioners remove a member of the parks and conservation resources advisory board who misses 50 percent or more of the meetings scheduled in a year.

(3) *Qualification.* Each member's background, education and experience shall be such as to qualify said member to carry out the duties and responsibilities vested in the parks and conservation resources advisory board by this article. Members shall be appointed from the county at large. In selecting a new member of the parks and conservation resources advisory board, the board of county commissioners of the county shall consider the interest and knowledge of such prospective member in parks, environmental lands, and natural resources, including the ecological and economic benefits thereof.

(4) *Organization.* The parks and conservation resources advisory board shall elect annually one of its members as chair and one as vice-chair of the board, and may adopt rules and procedures for the conduct of its meetings. The parks and conservation resources advisory board shall meet at least quarterly to conduct the business of the board, unless notified that there is no business to conduct as determined by the chair.

(b) *Duties.* It shall be the duty of the parks and conservation resources advisory board to assist the board of county commissioners, administrator, and department by:

(1) Reviewing and commenting on park or environmental lands plans and design.

(2) Reviewing and commenting on park or environmental lands operations and procedures.

(3) Participating in public education and ceremonial activities.

(3) Hearing citizen comment on park or environmental lands related activities.

(4) Formulating proposals and suggestions with the goal of improving the parks and environmental lands of the county.

(5) Reviewing specific issues referred to the parks and conservation resources advisory board from the board of county commissioners.

(6) Reviewing specific issues referred to the parks and conservation resources advisory board from the county administrator.

(7) Communicating with the county administrator and the board of county commissioners on issues related to the duties of the parks and conservation resources advisory board.

(c) *Selection of director.* The chair of the parks and conservation resources advisory board or designee may participate in the selection process for the director, including the interviews of director candidates with county staff.

Sec. 90-2. Legislative purpose.

The department has been established primarily for the management and protection of the county's parks, preserves, ecological management areas, special purpose areas and other designated department lands and waterways. It is desirous to acquire and protect such lands and waterways for their natural resources, biological diversity, hydrological benefits, and open space significance to the county. Such lands and waterways also offer scenic beauty, recreational value, and the potential for educating citizens and visitors. The objective of this article is to permit public use of parks and certain environmental lands and waterways consistent with their protection and management as set forth in the county comprehensive plan and various management plans, as same may be amended from time to time.

Sec. 90-3. Definitions.

When used herein, the following definitions shall apply:

Activity means the doing of any act or the failure to do any act by a person.

Administrator means the county administrator for Pinellas County.

Adverse impact means actual or potential harm or injury to any property, wildlife or plant life or other natural resource within county-owned or managed lands.

Beach means the zone of unconsolidated material that extends landward from the mean high-water line to the place where there is marked change in material or physiographic form, or to the line of permanent vegetation, usually the effective limit of storm waves.

Bicycle means a transportation device composed of a single frame and wheels usually propelled by pedals and steered with handlebars, including passenger bicycles and Class 1, 2 & 3

electric bicycles as defined in F.S. § 316.003(23), as may be amended from time to time.; ~~for purposes of this article, "bicycle" does not include a motorized bicycle regardless of speed capabilities.~~

Board means the Pinellas County Board of County Commissioners.

Boardwalk means an elevated walkway structure across sand or marshy ground.

Bounce house means a temporarily inflatable structure of any size that people jump in or on.

Citizen support organization means a not-for-profit corporation incorporated pursuant to the provisions of F.S. ch. 617, as may be amended, and approved by the department of state that is organized and operated to conduct programs and activities; raise funds; request and receive grants, gifts, and bequests of money; and make expenditures for the benefit of the department and/or any county-owned or managed land.

Code means the Pinellas County Code and the Pinellas County Land Development Code.

Commercial activity means a transaction for the sale, barter, or other exchange of value; for goods, items, services, entertainment, or amusement, where any part of the transaction, including but not limited to the offer of sale, negotiation, agreement to sell, transfer of consideration, or the transfer, delivery, or performance of the goods, items, service, entertainment, or amusement occurs in any county-owned or managed land. Exchange of consideration for performance of a commercial activity, such as a payment, fee, coupon, or ticket, does not need to occur in a county-owned or managed land if any part of the activity is performed in a county-owned or managed land.

County means Pinellas County.

County-owned or managed lands means all parks, environmental lands, department-managed facilities, and public marinas owned by the county or managed by the department. County-owned or managed lands include all submerged lands owned by the county and waters managed by the department located within the boundaries of county-owned or managed lands.

Cultural resource means any prehistoric or historic site, structure, object, or other real or personal property of historical, architectural, or archaeological value as determined through criteria for designation contained in chapter 146 of the Code.

Department means the department of parks and conservation resources.

Department-managed facilities means all facilities other than parks, environmental lands, and public marinas managed by the department including, but not limited to neighborhood parks, community parks, and other facilities managed by the department.

Director means the director of the department.

Environmental lands means all preserves and management areas, including but not limited to the county-owned real property identified as environmental lands in section 90-14 of this article, and any real property leased, subleased, or licensed to the county and identified as environmental lands in the management plan for the individual preserve or management area.

Historic or prehistoric artifact means material remains of past human life of archaeological interest over 50 years old, including but not limited to pottery, basketry, bottles, weapons, and tools.

Large group means a gathering of a group exceeding 50 people that does not include a special event permit and/or an accompanying picnic shelter reservation.

Law enforcement officer means any person who is elected, appointed, or employed full or part time by the state, the county, or municipality who is vested with the authority to bear arms and make arrests; and whose primary responsibility is the detection and prevention of crime, or the enforcement of the penal, criminal, traffic, or highway laws of the state or county.

Live-aboard means the occupancy or use of a watercraft by one or more persons, as a place of habitation, residence, living quarters or for dwelling purposes, temporarily or permanently, continuously or transiently.

Management area means all environmental lands, including waterways, not designated as "preserve." Such lands shall be as referenced in the latest resolution of the board describing the legal boundaries of the particular management area. Properties designated as "management areas" generally do not have a public use component, depending upon the ecological impacts of such use.

Management plan means the management plan developed by the department, unique to an individual county-owned or managed land, as each such plan may be amended from time to time.

Motorized means motive power is generated by the burning of gasoline, oil, or other fuel by an internal combustion engine or other mechanism.

Nude, or any derivative thereof, means to display or expose:

(1) The human male or female genitals or pubic area with less than fully-opaque covering;

(2) The portion of the human female breast directly or laterally below a point immediately above the top of the areola with less than a fully opaque covering. This definition shall include the entire lower portion of the human female breast, including the areola and nipple, but shall not include any portion of the cleavage of the human female breast exhibited by a dress, blouse, shirt, leotard, bathing suit, or other clothing, provided the areola is not exposed; and

(3) For purposes of this definition, body paint, body dye, a tattoo, latex, or any similar substances shall not be considered an opaque covering.

Parking area means any part of any county-owned or managed land road, or area contiguous thereto, specifically designated for the standing or stationing of any vehicle with appropriate signage.

Parks means regional parks and special purpose parks owned, operated, and maintained by the department, not including department-managed facilities and public marinas as defined herein, which are under the control of or assigned for upkeep, maintenance or operation by the department.

Person means any individual, including minors, firm, association, joint venture, partnership, municipality, governmental agency, political subdivision, public officer, estate, trust, business trust, syndicate, fiduciary, public or private corporation, and all other groups or combinations of groups.

Pet means any domesticated animal typically kept for companionship, protection, transportation or amusement. "Pet" also includes domesticated species found in a feral, wild, or abandoned state, including but not limited to birds, ferrets, pot-bellied pigs, monkeys, and snakes. However, the term does not include service animals, as defined by the Americans with Disabilities Act, as may hereafter be amended, and F.S. § 413.08, as may be hereafter amended.

Pollution means the presence in the air, soil, or waters of any substance, noise, contaminant, or anthropogenic alteration of the chemical, physical, biological, or radiological integrity of the air, soil, or water in a quantity or at a level that is or may be potentially harmful or injurious to human health or welfare, animal or plant life, or property, or that unreasonably interferes with the enjoyment of life or property, including outdoor recreation.

Preserve means property managed by the department as referenced in the latest resolution of the board describing the legal boundaries of the particular preserve and includes all streams, canals, channels, lagoons, waterways, water areas, submerged lands, shorelines and beaches, as well as all structures and other facilities located within such boundaries. All preserves shall have a board approved management plan.

Public marina means the Belle Harbour Marina, and any other county-owned facility, which provides public moorings or dry storage for vessels on a rental basis, and is designated as a public marina by resolution of the board.

Regional parks means A.L. Anderson Park, Boca Ciega Millennium Park, Eagle Lake Park, Fred Howard Park, Fort De Soto Park, John Chesnut, Sr. Park, John S. Taylor Park, Lake Seminole Park, Philippe Park, Ridgecrest Park, Sand Key Park, Sawgrass Lake Park, Wall Springs Park, Walsingham Park, War Veterans' Memorial Park, and any other facility designated as a regional park by resolution of the board.

Special event means any organized event or activity involving the use of or having a significant impact upon a county-owned or managed land, where the general public is invited to participate or be a spectator, including but not limited to races, tournaments, demonstrations, or festivals. A "musical or entertainment festival" as defined in section 10-26 of the Code involving

the use of or having a significant impact upon a county-owned or managed land shall require separate permits under chapter 10, article II and this article.

Special purpose parks means Indian Rocks Beach Access Park, Madeira Beach Access Park, Redington Shores Beach Access Park, St. Pete Beach Access Park, Tiki Gardens/Indian Shores Beach Access Park, Belleair Causeway Boat Ramp, Park Blvd. Boat Ramp, Sutherland Bayou Boat Ramp, Fred Marquis Pinellas Trail, Duke Energy Trail, Florida Botanical Gardens, Heritage Village, ~~Joe's Creek Greenway~~Raymond H. Neri Park, Leach Park, Lealman Park, Live Oak Park, Ochs Park, Pinewood Cultural Park, and any other site or facility designated as a special purpose park by resolution of the board.

Vehicle means any passengered conveyance powered or drawn by motor for the transportation of persons or material, including but not limited to: automobiles, trucks, buses, motorcycles, motorized bicycles regardless of speed ability, scooters, minibikes, all-terrain vehicles, golf carts, or trail bikes, as well as trailers and vessel in tow of any size or description. "Vehicle" does not include an electric personal assistive mobility device as defined in F.S. § 316.003(24~~83~~), as may be amended from time to time.

Vessel means every description of watercraft, barge, and airboat, other than a seaplane on the water, used or capable of being used as a means of transportation on water.

Volunteer means either an event volunteer, who agrees to participate either individually or as member of a group for a single event, or a long-term volunteer, who agrees to participate on an ongoing basis. An event volunteer registers and signs a county waiver of liability form; a long-term volunteer has passed a national background check, completed the county volunteer orientation, either in person or online, and has signed a county agreement to adhere to county policies and procedures for volunteering with the county.

Wildlife means any species living, growing, or occurring in a natural, non-domesticated state, including but not limited to animals.

Sec. 90-4. Areas embraced.

All county-owned or managed lands, including areas in unincorporated and incorporated areas of the county, shall be embraced by the provisions of this article, except where otherwise provided herein.

Sec. 90-5. Vehicles and traffic control.

(a) *Traffic control.* All persons, including those operating vehicles and bicycles as defined herein, shall observe and comply with posted traffic control devices and signs within all county-owned or managed lands.

(b) *Speed of vehicles.* Within any county-owned or managed land, no person shall operate a vehicle at a speed that is greater than reasonable or prudent, having due regard for the surface width and surface condition and the traffic thereon, particularly when near pedestrians,

horses, bicyclists or other public-use trails. At no time shall speed exceed the posted speed limit or 25 miles per hour if no speed limit is posted.

(c) *Restriction to roads.* No person shall operate any vehicle within parks or environmental lands except on areas approved for vehicular use.

(d) *Parking.* All vehicles shall be parked only in designated parking areas or in such other areas and at such other times as may be authorized by appropriate signage. Oversized vehicles and trailer vehicles shall not exceed the limits of the parking space.

(e) *Bicycles.* Bicycles shall only be ridden on roads and trails designated for bicycle traffic within parks and environmental lands and are prohibited on boardwalks. Where provided, bicycle racks must be used for the parking of bicycles. Bicycles shall not be chained or locked to trees, any other plant life or structures, or placed so as to obstruct pedestrian or vehicular movement.

(f) *Entering county-owned or managed lands.* Any person entering or leaving a county-owned or managed land, whether by foot, vehicle, or bicycle, shall do so solely through designated entry and exit points. No vehicle, except as authorized by the department, shall enter or park in any county-owned or managed land until the required fee, if any, has been paid.

(g) *Vehicle emergencies.* In case of emergency requiring a vehicle to stop or park in an unauthorized location, the driver must immediately report to a county employee or volunteer to receive an exemption from this section. Commercial activities necessary to remove or repair a vehicle in the case of an emergency are permitted.

(h) *Soliciting rides or fares.* No pedestrian shall solicit rides from any driver nor shall any driver of any vehicle or bicycle solicit riders for money or fares, in any county-owned or managed land unless authorized by the department.

(i) *Washing and maintenance.* No person shall wash, grease, repair, or perform maintenance on a vehicle on any park roadway, parkway, driveway, parking lot, or other property, except in emergencies; provided that waxing and polishing is permitted if it is in an area open to vehicles and does not interfere with other activities or traffic flow.

(j) *Miscellaneous motorized vehicles.* No unauthorized person shall operate any motorized scooter, motorized skateboards, go-cart, all-terrain vehicle, golf cart or electric cart in any parks or environmental lands. No electric or motorized toy vehicles are allowed on county-owned or managed lands, except in prescribed areas. The prohibitions herein shall not apply to an electric personal assistive mobility device to the extent authorized by state law.

Sec. 90-6. Protection of property, facilities, flora, and fauna.

(a) *Buildings and facilities.* No person shall engage in any of the following activities on any county-owned or managed land without prior written authorization from the administrator or designee:

(1) Willfully mark, deface, damage, displace, destroy, remove, or tamper with any buildings, facilities, bridges, piers, tables, benches, railings, paving or paving materials, water lines or other utilities, permanent or temporary signs, placards, notices, monuments, stakes, posts, gateways, locks, fencing, boundary markers, or other structures, equipment or county property;

(2) Use any county-owned or managed land or related facility, including but not limited to buildings, bridges, piers, tables, benches, or railings in a manner that precludes regular and customary usage to other patrons, unless such person has obtained the right to exclusive usage from the department;

(3) Construct, erect, or place any buildings, monuments, memorials, plaques, tributes, or structures of whatever kind, whether permanent or temporary in character, or run or string any public service utility into, upon, or across such lands;

(4) Use tacks, nails, staples, or other items that penetrate wood on shelters, signs, trees, boardwalks, or other structures;

(5) Enter, occupy, or use in any manner any lifeguard stand or station, lifeguard vessel or surfboard, or other lifesaving equipment at any time;

(6) Climb on or over and/or suspend from any buildings, facilities, fences, benches, picnic tables, structures, historic ruins, or boardwalk and bridge railings; nor shall any person stand or sit on any structure not intended for such use;

(7) Dispose of trash or garbage generated outside county-owned or managed lands in any refuse facility within a county-owned or managed land, with the exception of disposing of recyclable materials in recycling containers provided by the county; or

(8) Possess food on or within any boardwalk, observation tower, or designated dog park.

(b) *Plant life.* All plant life, living or dead, terrestrial, aquatic, and epiphytic species, within any county-owned or managed land is either the property of the county or is property managed by the county. No person shall engage in any of the following activities on any county-owned or managed land without prior written authorization from the administrator or designee:

(1) Cut, carve, break off, nail into, or otherwise damage bark, limbs, or branches of any plant or tree, except within designated special use areas; nor shall any person harvest any flowers or seeds or otherwise mutilate a plant or tree, except within designated special use areas;

(2) Dig in, disturb, or in any other way impair the natural condition of any area, except within designated special use areas; nor shall any person place debris or materials of any kind on or about any tree or plant, or climb, or attach any rope, wire, wooden boards, or ladders thereto, unless attached to trees that are a minimum of 12 inches in diameter measured at chest height and using a minimum of 1-inch-wide flat web straps for the

express purpose of setting up a temporary hammock, except within designated special use areas; or

(3) Transplant, possess, or remove any plant or plant part from any county-owned or managed land; nor shall any person introduce any plant species by willful act, negligence, or for any other reason.

(c) *Sand, soil, and wood.* No person shall, without prior written authorization from the administrator or designee, on any county-owned or managed land:

(1) Move or remove any sand, clay, soil, rock, stones, timber, or other wood or natural materials, whether submerged or not;

(2) Make any search or excavation by tool, equipment, blasting, or other means or agency; or

(3) Perform any manner of turf or landscape maintenance activity unless duly authorized as a county employee, contractor, or volunteer.

(d) *Wildlife.* No person shall engage in any of the following activities on any county-owned or managed land without prior written authorization from the administrator or designee:

(1) Possess, molest, harm, frighten, kill, trap, hunt, chase, capture, shoot, or throw any object at any wildlife; remove the eggs, nest, or young of any wildlife; remove, possess, give away, sell or offer to sell, buy or offer to buy, or accept as a gift any specimen, dead or alive, of any wildlife, except by permit granted by the department or in accordance with a valid fishing permit issued by the state. Fishing, including the collection of shells containing living wildlife, is further restricted in section 90-7(e) of the Code. The collection of shells containing no living wildlife, however, is permitted, except at archaeological sites, on a county or state historic site, on a site listed with the National Registry of Historic Places, or other sites as designated by the administrator or designee;

(2) Feed or attempt to pet any wildlife; or

(3) Introduce any pet, plant or other wildlife into any county-owned or managed land by willful abandonment, negligence, or for any other reason.

(e) *Historic artifacts and remains.* No person shall:

(1) Without prior written authorization from the administrator or designee, willfully mark, deface, damage, displace, destroy, excavate, disturb, remove, or tamper with any cultural resource, historic artifact, or skeletal remains of any species, within any county-owned or managed land; or

(2) Without a permit for scientific research under section 90-9, dispose of or deposit the skeletal or cremated remains of any species within any county-owned or managed land.

Sec. 90-7. Activities within county-owned or managed lands.

(a) *Hiking.* Walking, running, jogging, and/or hiking is permitted only along trails or pathways or areas specifically designated for such use or uses and during posted hours.

(b) *Horseback riding.* Horseback riding is permitted only along trails or areas specifically designated for such use. Horses shall be thoroughly broken, properly restrained, and ridden with due care. Horses shall not be allowed to graze or go unattended and must be on a lead at all times. Horses may only be hitched to hitching posts clearly identified for such use. No horse-drawn carriages, carts or wagons shall be allowed or used within any county-owned or managed land.

(c) *Fires.* No person shall ignite or attempt to ignite a fire, except in a grill, stove, fireplace, or designated fire circle.

(1) Campfires or any other open burning, even in approved areas, may be prohibited when deemed necessary by the department or by restrictions mandated by state or federal agencies. No person who starts or utilizes a fire shall leave the area without completely extinguishing the fire.

(2) No person shall use any type of gasoline, kerosene, or diesel fuel as an accelerant to start a fire in a grill, nor use a grill or other device in such a manner as to burn, char, or blemish any bench, table, or other county property. No person shall dispose of hot coals, burning matches, smoking materials, or other flammable materials except in designated areas or receptacles.

(3) Frying of any kind is prohibited, including but not limited to turkey fryers, deep fat fryers, skillets, and electric frying pans or any other apparatus which uses or produces hot oil.

(4) Grilling on the beach is prohibited, except where expressly permitted under a special event permit.

(5) Possession of fireworks is prohibited, except where expressly permitted under a special event permit.

(6) The smoking or vaping of cigarettes, electronic cigarettes, filtered cigars, pipes or any other device that can be used to inhale smoke from a burning tobacco product is prohibited in environmental lands, County owned public beaches, Florida Botanical Gardens, and Heritage Village, except in designated areas. For purposes of this section, a “beach” is defined as: a sandy or rocky area along the shoreline located waterward or seaward of and including the vegetation line and/or the dune environment that is owned by the County. The term “smoking” shall mean “inhaling, exhaling, burning, carrying, or possessing any lighted tobacco product, including cigarettes, filtered cigars, pipe tobacco, and any other lighted tobacco product.” The term “vaping” shall mean “inhaling or exhaling vapor produced by a vapor-generating electronic device or to possess a

vapor-generating electronic device while that device is actively employing an electronic, a chemical, or a mechanical means designed to produce vapor or aerosol from a nicotine product or any other substance." The department may, in its sole discretion, prohibit smoking or vaping at other county-owned or managed lands by the department when necessary for fire prevention purposes.
~~Smoking is prohibited in environmental lands except in designated areas. The department may, in its sole discretion, prohibit smoking at other county-owned or managed lands by the department when necessary for fire prevention purposes.~~

(d) *Camping.*

(1) Camping is strictly prohibited at all times unless a camping permit and copy of the camping rules and regulations are obtained prior to camping. When permitted, camping shall be limited to those areas specifically designated for such use.

(2) Campers must have a valid permit and a valid picture identification card while camping. It shall be unlawful for any person to camp on any county-owned or managed land for a period of time in excess of 14 days in a 30-day period.

(3) All waste shall be placed in disposal containers where provided. Where no disposal containers are provided, or where the containers provided are full, all waste shall be carried away by the user of the camping area and properly disposed of outside of the county-owned or managed land.

(4) Tents shall be stand-alone type and may not be attached to trees or any other vegetation or structure with any guy wire, rope, extension brace, support, fastener or any other device.

(e) *Fishing.* Fishing is prohibited except in those public areas designated for such activity. Persons fishing shall obey all state and federal laws pertaining to fishing as well as any posted rules and regulations. Fishing is prohibited from beaches in any area designated for ~~where~~ bathing or~~and~~ swimming ~~are permitted~~. No person shall leave the area without disposing of unwanted fish and bait on piers, catwalks, or other areas where fishing is authorized. Excluding saltwater fish as defined in F.S. § 379.101 as may be amended, non-target organisms, including but not limited to turtles, birds and frogs, that are incidentally captured using standard techniques (i.e. bycatch) shall be released unharmed. Cast netting or use of traps within or from the bank of any freshwater body in any county-owned or managed land is prohibited.

(f) *Bathing and swimming.* Swimming, bathing, or wading is prohibited except in those public areas designated for such activity. Further, no person shall:

(1) Use soap or other cleansers in any swimming area or any other waters, including but not limited to beaches, lakes, streams, and stormwater facilities, including any freestanding shower towers or similar apparatus;

(2) Erect any tent, shelter, or structure on or in any beach, or bathing or wading area in such a manner that a guy wire, rope, extension, brace or support connected or fastened from any such tent, shelter, or structure to any other structure, stake, rock, or object is necessary; any tent, shelter, or other such structure must provide an unobstructed view of the interior from at least two sides; or

(3) Possess, carry, or transport any glassware, bottles, or any other potentially dangerous or sharp objects into any beach, or bathing, wading, or swimming area.

(g) *Picnicking.*

(1) Use of park and environmental lands property, including picnic shelters, tables, and benches generally follows the rule of first-come, first-served, unless reserved beforehand through the department's reservation program. Picnicking is permitted only in areas specifically designated for such use.

(2) All refuse, waste, and trash shall be placed in disposal containers where provided in all county-owned and managed lands. Where no disposal containers are provided, or where the containers provided are full, all refuse shall be carried away by the user of the picnic facility and properly disposed of outside of the county-owned or managed land.

(h) *Audio devices.* Radios, electronic musical players or instruments, and all other audio devices are permitted so long as they are played at volume levels that do not disturb, annoy, injure, or endanger the comfort, health, peace, or safety of the wildlife or reasonable persons of ordinary sensibilities or unnecessarily detract from a peaceful atmosphere. Such noise shall not be heard within any county-owned or managed land from a location more than 50 feet from the source of the noise, unless a special event permit has been issued for such use.

(i) *Nudity.* It shall be unlawful for any person over the age of four years old to appear nude in any county-owned or managed land, provided that a person may appear nude:

(1) In a restroom, dressing, locker or shower facility, provided, however, that except as permitted by section 70-214 of the Code, no person over the age of six shall occupy or enter any such facility which is reserved or designated by the department for the exclusive use of the opposite sex without adult supervision;

(2) In a privately owned, fully enclosed, temporary dwelling used for camping at campsites;

(3) When the conduct of being nude cannot constitutionally be prohibited by county ordinance because it is otherwise protected pursuant to the United States Constitution or the Florida Constitution under existing judicial decisions; or

(4) When breastfeeding a baby, and then only the extent reasonably necessary to allow breastfeeding.

(j) *Hunting and weapons.*

(1) Firearms as defined in F.S. § 790.001 are exempt from this article and regulation is pre-empted to state law.

(2) No person shall carry, use, or possess weapons, toys, or instruments that discharge projectiles, including but not limited to air rifles, spring guns, bows and arrows, paint guns, water cannons, slingshots, and boomerangs except as a participant in a program approved by the board.

(3) Knives or other blades used exclusively for fishing, camping, and other authorized outdoor activities are permissible. All other melee weapons or instruments that pose a threat to human safety or wildlife are prohibited.

(4) Parents or guardians will be held strictly responsible and accountable for the actions of minors with regard to the prohibitions in this and other subsections of this article.

(k) *Alcoholic beverages.* Possession or consumption of alcoholic beverages within any county-owned or managed land is prohibited, except that, notwithstanding contrary provisions of the Code, possession is permitted at county boat ramp facilities and public marinas, and consumption is permitted onboard a vessel moored at a public marina. This prohibition may be waived if:

(1) The county has approved a contract or issued a permit, which by its terms allows the sale and/or consumption of alcoholic beverages in a specified area or place; or

(2) The board by resolution has temporarily waived the prohibition for a special event or activity in a specified area or place.

(l) *Pets.*

(1) No pets, except horses accessing and utilizing trails designated for horseback riding, are permitted in any environmental land.

(2) Within parks, department-managed facilities, and public marinas, pets, shall be caged or on an adequate leash not greater than six feet in length. Pets shall not be left unattended or off of a leash except in designated areas posted by signage.

(3) The owner or person in charge or in control of the pet shall immediately remove all feces deposited by such animal and dispose of same in a sanitary manner.

(4) The owner or person in charge or in control of the pet shall be held responsible for the pet's behavior and actions at all times.

(5) Except where expressly allowed, no pets are permitted in any playgrounds, swimming areas, beaches, boardwalks, bathrooms, showers, and dining areas. The department may designate further areas where pets are prohibited. Those persons in possession or control

of pets within any county-owned or managed land shall obey all county ordinances including but not limited to chapter 14 of the Code except where chapter 14 is less restrictive than the provisions of this article.

(m) *Exotic wildlife and state licensed wild animals.*

(1) No livestock or class I, II, or III exotic wildlife, as defined by Florida Statute, shall be permitted in any county-owned or managed land unless expressly authorized by the administrator or designee.

(2) No wild animals for which a state license is required are permitted in any county-owned or managed land.

(n) *Gambling.* No person shall engage in any form of gambling as prohibited by state law.

(o) *Pollution.* Any act resulting in pollution is prohibited, including, but not limited to, the use of fountains, ponds, lakes, streams, bays or any other bodies of water adjacent to or within county-owned or managed lands, or the tributaries, storm sewers or drains flowing into them as dumping places for any substance, including fuel, which will or may result in the pollution of said waters.

(p) *Metal detectors.* The use of metal detectors is prohibited except on beaches in parks.

(q) *Aircraft.* No person operating, directing, or responsible for any airplane, helicopter, drone, glider, hang glider, hot air balloon, dirigible, parachute or other aerial apparatus, including those radio controlled or otherwise unmanned, shall take off from or land in or on any county-owned or managed land, except for purposes of public safety or where written permission has been obtained from the administrator or designee.

(r) *Bounce houses.* No person shall possess or erect a bounce house without a permit issued by the department. When permitted, bounce houses shall only be erected and used at areas designated for such use by the department.

(s) *Miscellaneous.* No person shall engage in any activity within any county-owned or managed land that is dangerous to the health, safety or welfare of any person or that could foreseeably damage private or county property, including but not limited to hitting golf balls, racing or speeding in a dangerous manner, and suspending, diving or jumping from bridges or catwalks. Nor shall any person engage in any activity within any county-owned or managed land that interferes with the use and enjoyment of the county-owned or managed land and its facilities by other patrons. No person shall possess ~~helium-filled~~ balloons in any county-owned or managed land, except in enclosed buildings, provided, however, that any~~the~~ helium balloons shall be properly secured when bringing balloons into and out of enclosed buildings. The department reserves the right, within the confines of applicable law, to limit other activities within any county-owned or managed land when, at the department's sole discretion, an area is deemed unable to support such activities.

(t) *Litter.* No person shall throw, discard, place or deposit any trash, garbage, junk, debris, refuse, or rubbish in any county-owned or managed land or its facilities that are not specifically designated for such trash/garbage disposal.

Sec. 90-8. Restrictions on the sale or conveyance of regional park property.

Except as otherwise permitted by this article, the county shall not sell, convey or transfer any fee simple interest in any county-owned regional park property, or portion thereof, or lease or license any regional park property for a period of longer than ten years, to any other person unless approved by resolution adopted by at least a majority vote plus one of the board at a public hearing advertised in accordance with the requirements of F.S. § 125.66(2)(a); provided that the requirements for a public hearing and a super majority vote shall not apply to:

(1) The exchange of regional park property for reasonably equivalent regional park property when it is deemed to be in the best interests of the public as determined by board and the requirements of F.S. § 125.37 are satisfied; and

(2) The sale, transfer, conveyance, or dedication of regional park property to another governmental unit for a public purpose in accordance with the requirements of F.S. § 125.38.

Sec. 90-9. Permits.

(a) *Permit required.* A department permit is required before a person may engage in the activities listed in subsection (b) in any county-owned or managed land. If a person may remain on site after operating hours or access areas closed to the public, the terms of the permit will so specify. Application forms may be obtained from the department; a fee may be required. A department permit does not relieve the applicant from the permit requirements of section 10-26 et seq. or any other sections in the Code.

(b) *Activities requiring a permit.* Activities for which permit applications must be submitted include but are not limited to the following:

(1) Scientific research including but not limited to biological assays, species identification or collection, species observation, archaeological survey, and hydrological, geological, or chemical studies. This does not include activities such as visual observation of wildlife or vegetation within public areas. A scientific research permit granted under this subsection constitutes prior written authorization from the administrator or designee for purposes of compliance with section 90-6.

(2) All commercial photography, television broadcasting, and private photography involving special settings or structures or the performance of any person. An additional film permit may be required as issued by the St. Petersburg/Clearwater film commission. Permits are not required for bona fide newspaper, press association, newsreel and/or television news department personnel, who are identified by accredited press passes. Such personnel are regarded as persons performing a task involving the freedom of the

press as set forth in the constitution of the United States and accordingly, shall not be restricted by this subsection (b)(2).

(3) Camping.

(4) Bounce houses.

(5) Special events.

(6) Large groups.

(7) Commercial activity.

(c) *Transferability.* Permits are not transferable and may only be utilized by those persons to whom the permit was issued.

(d) *Revocation.* Any permit issued pursuant to this section may be revoked for failure to comply with any condition imposed on the permit.

(e) *No entitlement to permit.* Because of the proprietary nature of the county-owned and managed lands, this section does not create any right or entitlement to a permit.

Sec. 90-10. Commercial activity, publicity, and signs.

(a) Commercial activity on county-owned or managed land that is not conducted by the department, or a county-approved concessionaire, licensee, or permittee, is prohibited. Nothing in this section shall be deemed to preclude the county from entering into a sponsorship agreement with commercial or noncommercial entities.

(b) No person shall place or affix any handbill, pamphlet, circular, placard, or any other printed matter upon a vehicle within any county-owned or managed land, except as provided by department permit.

(c) No person shall place any sign within any county-owned or managed land, unless the sign is placed in correlation to an event or gathering, for which a reservation through the department was made or permit from the department was obtained, and which is occurring within that specific county-owned or managed land on the day the sign is placed. Persons placing such signs must remove them from the premises before leaving the property. Any such sign placed pursuant to this provision shall be temporary in nature, no larger than 18 by 24 inches, and placed into the ground by small stakes designed so as to minimize damage to the landscaping.

(d) Any person wishing to distribute any handbills, pamphlets, circulars, placards, or other printed materials may not do so in a manner or location that interferes with the public's enjoyment of the park, or in such a manner as to result in littering or pollution.

Sec. 90-11. Resident personnel.

It is hereby acknowledged that it may be necessary for certain persons to have their primary residences within boundaries of county-owned or managed lands as authorized by the board or administrator or to receive temporary permission to reside within the same pursuant to written approval from the department. Such personnel and their families and guests are exempted from the regulations and prohibitions of sections 90-7, 90-9, and 90-10 while said persons are within the boundaries of the primary residence as defined by the residential lease or residential license agreement between said personnel and the county, or within the temporary residence. At all times, however, resident persons remain subject to all applicable state laws, other county ordinances, and the terms and conditions of the lease, license, or permit while within the residence.

Sec. 90-12. Exemptions.

Any person performing duties authorized by the board or administrator or designee, while performing duties pursuant to this article or other law or within his or her official capacity, is hereby exempted from all prohibitions and restrictions of this article. However, all such persons shall comply with any and all other applicable federal, state or local laws.

Sec. 90-13. Enforcement and penalties.

(a) It shall be a violation of this article for any person to fail to comply with any prohibition, mandate, restriction or other declaration set forth herein.

(b) All provisions of this article may be enforced by all authorized law enforcement officers and all personnel authorized by the administrator or designee.

(c) Except as otherwise provided by law or ordinance, a person convicted of a violation of this article shall be punished by a fine not to exceed $500.00. With respect to violations of this article that are continuous with respect to time, each day the violation continues is a separate offense.

(d) In addition to the penalties provided in subsection (c) of this section, a person who violates this article may also be liable under chapter 58 of the Code, including for civil penalties up to $10,000.00 per offense where each day the violation continues constitutes a separate offense.

Sec. 90-14. Identification of county-owned environmental lands subject to Charter restrictions.

County-owned environmental lands in the following preserves and management areas are hereby designated as environmental lands subject to the provisions of Section 2.08, Pinellas County Charter, as further described in the maps appended to Ordinance No. 08-46 and as Appendix C to the Code:

(1) Allen's Creek Management Area.

(2) Alligator Lake Management Area.

(3) Anclote Islands Management Area.

(4) Brooker Creek Preserve.

(5) Cabbage Key Management Area.

(6) Cow Branch Management Area.

(7) East Lake Management Area.

(8) Joe's Creek Management Area.

(9) King Islands Management Area.

(10) Lake Seminole Management Area.

(11) Lake Tarpon Management Area.

(12) Lake Tarpon West Management Area.

(13) Long Branch Management Area.

(14) Mariner's Point Management Area.

(15) Mobbly Bayou Preserve.

(16) Ozona Management Area.

(17) Shell Key Preserve.

(18) Travatine Island Management Area.

(19) Weedon Island Preserve.

Sec. 90-15. Group gatherings, performances, and speeches.

The board shall have the authority to designate certain county-owned or managed lands or portions of county-owned or managed lands for public demonstrations, gatherings, performances, and speeches which, due to the size of prospective groups, will interfere with the use of the county-owned or managed land by the general public. Groups intending to use such designated county-owned or managed land for public demonstrations, gatherings, performances, and speeches shall give advance notice to the department and may be required to obtain a special event or large group permit.

Sec. 90-16. Boating, docks, and launching ramps.

(a) No person shall bring into or operate any vessel on any county-owned or managed lands other than those so designated for such use or purpose by the administrator or designee or applicable state law.

(b) All persons navigating or operating a vessel in county-owned or managed lands shall comply with the Florida Fish and Wildlife Conservation Committee Boating Regulations and U.S. Coast Guard Navigation Rules and Regulations as applicable. Said persons shall recognize marked manatee protection zones and boating safety zones, including but not limited to the vessel exclusion zones, combustion-motor exclusion zones, no wake zones, and minimum wake zones identified in chapter 130 of the Code.

(c) No vessel shall enter marked swim areas or zones, whether designated by the state or county.

(d) No person other than a concessionaire contracted by the county, shall be permitted to rent, hire, or operate for charge, any vessel on any county-owned or managed lands.

(e) To the extent authorized by state law, the department may regulate vessel type and motor size within county-owned or managed lands.

(f) Vessels shall not be operated in such a manner as to molest or harm wildlife or to cause damage to aquatic life, substrate or county property. No refuse, trash, oil or bilge water shall be thrown or pumped overboard within county-owned or managed lands. Sanitary facilities on vessels, which discharge overboard, must not be used while vessels are within the county-owned or managed lands.

(g) The following standards shall apply to the use of docks and boat ramps within county-owned or managed lands:

(1) All persons shall use designated boat ramps or launch areas when launching or landing motorized vessels.

(2) Docks and ramps shall be kept clear of all equipment or gear.

(3) Boat ramps are for active loading and unloading only.

~~(4) Overnight dwelling on vessels docked or moored is prohibited except in areas so designated.~~

~~(5) No person shall moor a vessel within any county-owned or managed land for a period of time in excess of 14 days in any 30-day period.~~

~~(6)~~(4) Any defacement or damage of piers or of dock property shall be repaired or corrected at the expense of the person or persons responsible for such defacement or damage.

(5~~7~~) Docking and mooring facilities shall not be used for commercial activity without prior authorization from the department. No person shall use or occupy any docking or mooring space to the exclusion of other park patrons for an unreasonable amount of time. Barring exigent circumstances, such period of time shall not exceed 30 minutes.

(6~~8~~) No fueling of any vessels on any docks or boat ramps. Fuel containers shall only be used while refueling vessels, and no fuel containers of any type shall be left unattended.

(7~~9~~) Storage of vessels and/or trailers is prohibited except in designated storage facilities. For purposes of this Section, "storage" shall mean one of the following:

a. an unattached trailer, with or without a boat.

b. an attached trailer with a boat.

c. an oversized vehicle or trailer not intended for the space, e.g. recreational vehicle, camper, landscape or cargo trailer.

Sec. 90-17. Public access; hours; fees; regulations.

(a) The department reserves the right to limit public access to any county-owned or managed land when deemed necessary to protect the public welfare or inherent natural resources. No person shall loiter in or around any restroom, dressing room, locker room, shower facility, or parking lot in any county-owned or managed land.

(b) The hours of operation for all county-owned or managed lands are 7:00 a.m. to sunset unless otherwise posted or authorized by department permit.

(c) Upon resolution of the board, the department is authorized to charge fees, including parking, entrance, user, or other fees, for activities on or use of county-owned or managed lands.

(d) The department shall have the authority to adopt regulations relating to the use of county-owned or managed lands that are not in conflict with this article.

Sec. 90-18. Citizen support organizations.

(a) Prior to conducting any operations on county-owned or managed lands, a citizen support organization (CSO) shall enter into a written agreement with the county. The agreement shall establish duties of the department and the CSO, including but not limited to the requirements set forth in subsections (c) and (d) of this section. The agreement may grant a CSO certain permissions consistent with this article and the department's mission, such as artifact excavation and monument erection.

(b) The department and a CSO shall each have the authority to terminate a written agreement entered into pursuant to subsection (a) with and without cause. Upon termination or expiration of such written agreement, a CSO shall, within 15 days, cease operations on county-owned or managed lands and remove any reference to the department or county-owned or managed lands from its entity name.

(c) Between October 1~~September 15~~ and October 30~~September 30~~ of each year, each CSO shall provide the department with the following:

(1) A balance sheet and supporting financial statements for the ending current fiscal year;

(2) The CSO's budget for the upcoming fiscal year;

(3) The CSO's most recent federal Internal Revenue Service return of organization exempt from income tax form (Form 990);

(4) The CSO's annual goals and objectives;

(5) An evaluation of the CSO's operations and programs for the ending current fiscal year; and

(6) A list of the CSO's current officers.

(d) The department shall annually make the information obtained from each CSO pursuant to subsection (c) available on the department's website.

(e) The reporting requirements in subsection (c) apply equally to CSOs in existence before and after the effective date of this section 90-18. A CSO with a current, active written operating agreement with the county as of the effective date of this section, however, is not required to enter into a new agreement with the county and otherwise comply with this section to the extent such compliance is inconsistent with the CSO's current agreement until the current agreement expires or is terminated by the CSO or county.

Sec. 90-19. Service animals.

(a) Service animals shall be maintained in accordance with the provisions of section 90-7 and individuals utilizing service animals must comply with all provisions of this article, except as follows:

(1) Service animals are permitted to accompany disabled patrons in all areas open to the public; and

(2) Notwithstanding any provision to the contrary contained in chapter 14 of this Code, if a leash of six feet would interfere with the service animal's ability to work or the disabled individual's disability prevents using a leash of six feet or less, the service animals must be otherwise harnessed, leashed, or tethered to the disabled individual, the individual's

mobility device, or the animal's handler using the most reasonable restrictive length of leash, harness, or tether over six feet. If a harness, leash, or tether interferes with the service animal's work or the individual's disability prevents using these devices, the individual must maintain control of the animal through voice, signal, or other effective controls.

(b) An individual with a disability may be asked to remove a service animal from the premises if:

(1) The animal is out of control and the animal's handler does not take effective action to control it; or

(2) The animal is indoors or on a paved surface and is not housebroken.

Secs. 90-20—90-116. Reserved.

SECTION 2. Severability. If any Section, Subsection, sentence, clause, phrase, or provision of this Ordinance is for any reason held invalid or unconstitutional by any Court of competent jurisdiction, such holding shall not be construed to render the remaining provisions of this Ordinance invalid or unconstitutional.

SECTION 3. Areas Embraced. This Ordinance shall be effective in the incorporated as well as unincorporated areas of the County.

SECTION 4. Inclusion in Code. It is the intention of the Board of County Commissioners that the provisions of this Ordinance shall become and be made a part of the Pinellas County Code and that the sections of this Ordinance may be renumbered or re-lettered and the word "ordinance" may be changed to section, article or such other appropriate word or phrase in order to accomplish such intentions.

SECTION 5. Filing of Ordinance; Effective Date. Pursuant to Section 125.66, Fla. Stat., a certified copy of this Ordinance shall be filed with the Department of State by the Clerk of the Board of County Commissioners within ten (10) days after enactment by the Board of County Commissioners. This Ordinance shall become effective upon filing of the ordinance with the Department of State.

ORDINANCE NO. 527-H

AN ORDINANCE AMENDING THE ST. PETERSBURG CITY CODE TO BAN SMOKING AND VAPING IN CITY PARKS AND BEACHES BY ADDING A NEW SECTION 7-68, SMOKING AND VAPING PROHIBITED; ADDING A NEW SECTION 21-57 SMOKING AND VAPING; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.

THE CITY OF ST. PETERSBURG, FLORIDA DOES ORDAIN:

SECTION 1. The St. Petersburg City Code is hereby amended to add a new Section 7-68 to read as follows:

Sec. 7-68. – Smoking and vaping prohibited.

(1) No person shall use, consume, inhale, exhale, or burn any (i) electronic cigarette, as defined in Chapter 20 of this Code, or (ii) lighted tobacco product, including cigarettes, pipe tobacco, and any other lighted tobacco product with the exception of unfiltered cigars, in or on public beaches owned or controlled by the City.

(2) The consumption, inhalation, exhalation, or burning of any electronic cigarette or lighted tobacco product that is done in connection with a City sponsored or co-sponsored event approved by a resolution of City Council that permits such activity is exempt from this section.

(3) Any person who violates this section shall be guilty of a municipal ordinance violation, punishable as provided in Section 1-7.

SECTION 2. The St. Petersburg City Code is hereby amended to add a new Section 21-57 to read as follows:

Sec. 21-57. – Smoking and vaping.

(1) No person shall use, consume, inhale, exhale, or burn any (i) electronic cigarette, as defined in Chapter 20 of this Code, or (ii) lighted tobacco product, including cigarettes, pipe tobacco, and any other lighted tobacco product with the exception of unfiltered cigars, in or on parks.

(2) The consumption, inhalation, exhalation, or burning of any electronic cigarette or lighted tobacco product that is done in connection with a City sponsored or co-sponsored event approved by a resolution of City Council that permits such activity is exempt from this section.

(3) Any person who violates this section shall be guilty of a municipal ordinance violation, punishable as provided in Section 1-7.

SECTION 3. Coding: As used in this ordinance, language appearing in struck-through type is language to be deleted from the City Code, and underlined language is language to be added to the City Code, in the section, subsection, or other location where indicated. Language in the City Code not appearing in this ordinance continues in full force and effect unless the context clearly indicates otherwise. Sections of this ordinance that amend the City Code to add new sections or subsections are generally not underlined.

SECTION 4. The provisions of this ordinance shall be deemed to be severable. If any provision of this ordinance is determined unconstitutional or otherwise invalid, such determination shall not affect the validity of any other provisions of this ordinance.

SECTION 5. In the event this Ordinance is not vetoed by the Mayor in accordance with the City Charter, it shall become effective after the expiration of the fifth business day after adoption unless the Mayor notifies the City Council through written notice filed with the City Clerk that the Mayor will not veto this Ordinance, in which case this Ordinance shall become effective immediately upon filing such written notice with the City Clerk. In the event this Ordinance is vetoed by the Mayor in accordance with the City Charter, it shall not become effective unless and until the City Council overrides the veto in accordance with the City Charter, in which case it shall become effective immediately upon a successful vote to override the veto.

First reading conducted on 15th day of September 2022.

Adopted by St. Petersburg City Council on second and final reading on the 6th day of October 2022.

Gina Driscoll

Gina Driscoll, Chair-Councilmember
Presiding Officer of the City Council

ATTEST: _____

Chan Srinivasa, City Clerk

Title Published: Times 1-t 09/21/22

Not vetoed. Effective date October 13, 2022 at 5:00 p.m.

CITY OF ST. PETERSBURG, FLORIDA. RE-INCORPORATED A.D. 1903.

AGENDA ITEM NO. B.2

Item Cover Page

BOARD OF COMMISSIONERS AGENDA ITEM REPORT

DATE: July 18, 2023

SUBMITTED BY: Stacy Boyles, Public Works

ITEM TYPE: For Consideration and Discussion

AGENDA SECTION: DISCUSSION

SUBJECT: Discuss the Causeway Landscaping Maintenance Bid and City Grounds Maintenance Staffing

BACKGROUND: The City's Grounds Maintenance Division is made up of seven dedicated field staff positions and a Crew Chief who are responsible for maintaining over 100 areas throughout the City. During COVID, we experienced extreme difficulty hiring and retaining staff. For a period of time, the division was down to only two field staff and one of those staff was on light duty for an extended period of time. While this tiny crew was working harder than ever, performance expectations were unable to be met. As such, in the adopted FY 23 budget, the City included a line item for Causeway and Paradise Boulevard landscaping contractual services in the amount of $300,000 to augment the grounds staff. Additionally, levels of service expectations over the past couple of years have increased, of which may be caused by more people working from home and the price of homes being purchased is much higher, therefore, the standard of service desired is higher. Simultanously, the City stopped using pesticide, insecticide, herbicide, fertilizer, or any other chemicals and requiring manual weeding. This was a change made a few years ago as part of the overall initiative to be more sustainable and to decrease our impact to the environment, but it does take more effort to maintain our city grounds.

In Fall of 2021, the Public Works Directors, along with the Grounds Supervisor and Crew Chief held several work sessions to redistrubute operational tasks for improved efficiency and accountability. Each of the two crews was given

set areas throughout the City that they are now independently reponsible for. Instead of a rotating mowing position that floated between the crews, a second utility trailer was purchased so that each crew could be responsbile for their own mowing. The work orders were streamlined to group small areas in close proximity with similar maintenance requirements and work orders were also separated by task for independent recurrance intervals. For example, in the summer/growing season, the division is charged with mowing and edging all maintained areas each week (weather permitting). To do so, other tasks such as trimming must be moved to a bi-weekly basis to accomodate the seasonal mowing frequencies.The work order checklists, which must be completed before leaving an area, were also updated to add additional detail for newer staff to understand everything that must be done.

As of today, the division is fully staffed with leaders on each crew who are passionate about their job and have prior grounds experience. The new separation of duties and revised work order schedule has been working well for the group. The division has also put forth significant time converting areas to incorporate lower maintenance vegetation. The Grounds Crew has also capitalized on Beautify TI events to prioritize special projects and solicit community assistance. The group maintains a high level of service and repsonds to irrigation issues and downed trees after hours, as needed.

POLICY/PURPOSE:

The purpose of this item is to discuss the bid received for Causeway landscaping maintenance services and the City's grounds maintenance staff's level of service.

STRATEGIC PLAN RELEVANCE:

The discussion of landscaping maintenance services supports the Strategic Plan goal to *Maximize the Utilization of the City's Resources*.

ANALYSIS/DISCUSSION:

Intivation to Bid 23-015 was issued in April 2023 for Treasure Island Causeway Landscaping maintenance services. Only the Causeway area was included in the bid since the division was now nearly fully staffed. The contractor scope did not include several tasks that the City's grounds maintenance staff performs along the Causeway, as these items would have driven up the price of the bid or made the bid too difficult to respond to. Some of these items include ongoing debris removal (only performed while the contractor is on site),

medjool date palm injections, restoration due to damage that is documented in police reports, tree removal and replacements, and the replacement of irrigation valves/solenoids/heads. While there were four landscaping companies that showed interest in performing the service, only one bid was received from J&J Diversified, LLC. The pricing submitted is as follows and is also provide in Attachment B.

J&J Diversified, LLC Landscaping Maintenance Bid
FY 23 monthly fee: $21,250
FY 24 monthly fee: $16,738 ($200,850/yr)
FY 25 monthly fee: $17,875 ($214,500/yr)

In lieu of awarding the maintenance contract, a third grounds maintenance crew could be utilized by retrofitting an existing pickup truck no longer needed by the Fire Department and adding two additional field staff positions to result in three crews made up of three staff each. In FY 23, the cost to add a Service Worker I and a Service Worker II in the division would cost a total of $102,353 per year to include benefits. The cost to initially retrofit the F-250 and outfit it with a utility trailer and power tools would be approximately $14,625. Additional ongoing costs of approximately $3,140 would be needed to cover the truck's annual fuel cost and the crew leader's cell phone service. These costs are outlined in Attachment A and total to $120,118 for the first year and $105,493 in future years based on the FY23 pay rates. This option would increase the City fleet by one truck and future truck replacement would be programmed in the budget. Having a third maintenance crew would allow for an higher level of service by being able to lessen the number of areas that each crew is repsonsible for.

FUNDING: Funding is available in the FY23 budget in the amount of $300,000 in General Fund Account No. 001-5410-34000. This budgeted amount would cover the cost of contractual services with J&J Diversified, LLC or the cost to add a third City grounds maintenance crew, if desired.

MOTION: Commission consensus on direction.

ATTACHMENTS:
Att A - Estimated 3rd Grounds Crew Costs.pdf
Att B - Invitation to Bid and Bid Pricing.pdf

Initial & Annual Cost to Add 3rd Grounds Crew

In the Grounds Maintenance Division of the Public Works Department, there are currently 7 Service Workers (field staff) and a Crew Chief. There are two crews of 3 and a floating 4th service worker that works with either crew, as needed.

Adding 2 additional Service Worker positions will allow for a third crew wherein each is comprised of 3 Service Workers.

Although the FD pickup truck is older, it only has 50k miles and has been evaluated by three mechanics, including the Ford Dealership. The mechanics agree that the truck is in good condition and should last at least 5 years without additional major repairs. The tune-up costs below were estimated conservatively.

Estimated Initial Costs:		**qty**	**unit price**	**total**
Fire Deparment Transfer F-250				
	injectors/pipe stands/plugs	1	$ 740	$ 740
	oil pressure switch	1	$ 70	$ 70
	EGR valve	1	$ 130	$ 130
	fan clutch	1	$ 500	$ 500
	ICP pigtail	1	$ 75	$ 75
	cam/crank sensors	1	$ 180	$ 180
	labor to install parts above	1	$ 3,960	$ 3,960
	replace graphics	1	$ 200	$ 200
	rear cab guard	1	$ 200	$ 200
	arrow board	1	$ 900	$ 900
	utility trailer	1	$ 2,700	$ 2,700
	tool racks	2	$ 270	$ 540
Power Tools				
	weed eaters	2	$ 400	$ 800
	stick edgers	2	$ 400	$ 800
	hedge trimmers	2	$ 375	$ 750
	push edgers	1	$ 700	$ 700
	backpack blowers	2	$ 390	$ 780
Misc. Hand Tools		1	$ 600	$ 600
			Initial Equipment Subotal	**$ 14,625**

Estimated Annual Costs:	**qty**	**unit price**	**total**
Cell Phone Annual Service (1 for crew leader):	12	$ 45	$ 540
Annual Estimated Fuel Cost for Add'l Truck:	1	$ 2,600	$ 2,600
Personnel - Annual Rate with Benefits:			
New Service Worker positions (SWI & SWII)	2	$ 51,177	$102,353
		Annual Subtotal	**$105,493**

Annual Total Year 1 Cost:	**$120,118**
Annual Recurring Costs after Yr 1:	**$105,493**

City of Treasure Island
ITB 23-015 Grounds Maintenance Service
Bid Schedule

Bidder directions: please fill in the green fields below.

Service Period	Monthly Service Fee	Total Cost per Service Period
June 1, 2023 - Sept. 30, 2023	$ 21,250	$ 85,000
Oct. 1, 2023 - Sept. 30, 2024	$ 16,738	$ 200,850
Oct. 1, 2024 - Sept. 30, 2025	$ 17,875	$ 214,500
Contract Total	**$**	**500,350**

CITY OF TREASURE ISLAND

INVITATION TO BID NO. 23-015

CAUSEWAY LANDSCAPE MAINTENANCE

ISSUED April 13, 2023

RESPONSES DUE May 19, 2023 at 3 PM

THE CITY OF TREASURE ISLAND, FLORIDA
Invitation to Bid No: 23-015
CAUSEWAY LANDSCAPE MAINTENANCE

Sealed Bids may be hand-delivered or mailed to City of Treasure Island City Hall, 120 108th Ave., Treasure Island, FL 33706 to the attention of the Purchasing Coordinator – Michael Munger; or submitted online via DemandStar. All physical bids, **one (1) with original signature and one (1) additional digital (PDF) version of the original** must be received before the closing date and time. All Bids must be submitted on the City's official Bid Form. **All envelopes must be clearly marked "Causeway Landscape Maintenance"**. Bidders submitting via DemandStar do not need to submit original hard copies, must submit all requirements via DemandStar, and must submit before the stated closing date.

IMPORTANT DATES

April 13, 2023	Solicitation posted
May 10, 2023	Questions Due by 5pm
May 15, 2023	Answers posted by 5pm*
May 19, 2023	**Closing Date / Bid Opening 3pm**
June 6, 2023	Commission Award of Contract*

**Tentative and subject to change*

All proposals must be accompanied by a certified check, bank money order, or **bid bond** in the amount of ten percent (10%) of the base bid made payable to the City of Treasure Island. The certified check, bank money order, or bid bond shall guarantee that should the bid be accepted the bidder will, after the acceptance of the proposal by the City Commission, enter into a contract with the City of Treasure Island for the services proposed to be performed. A **performance bond** in the amount of one-hundred percent (100%) of the contract, made payable to the City of Treasure Island, Florida, will also be required to guarantee the faithful performance of the contract. A **payment bond** will be required for Labor and Materials to ensure the payment of all indebtedness incurred for labor, furnished materials, equipment or supplies used or consumed in connection with, or in or about, the construction of this project. A bid may be withdrawn prior to the date and time of opening, but no bid may be withdrawn after the date and time of opening.

Any bids received after the specified date and time will not be considered. The public meeting to open all bids will be held shortly after the closing date/time at the City of Treasure Island Public Works Conference Room, located at 152 108th Ave, Treasure Island, FL.

The City of Treasure Island is committed to ensuring that all solicitation documents are available and accessible to the public at-large. However, should you experience any difficulty in accessing any of these solicitation documents, please contact the City's Purchasing Coordinator.

SECTION I
SCOPE OF WORK

1. BACKGROUND

The purpose of this Invitation to Bid to acquire the services of a landscaping company to provide monthly grounds maintenance on an annual basis. The areas to be maintained are within the right-of-way along the Treasure Island Causeway from Sunset Drive in the City of St. Petersburg to Gulf Boulevard in the City of Treasure Island. From Sunset Drive to the causeway bridge, the reclaimed water is provided by the City of St. Petersburg, while the reclaimed for other maintained areas is provided by Pinellas County.

There is a high-level standard of service for this project due to the prominence of the thoroughfare and the project area crossing the municipal boundary of the cities of Treasure Island and St. Petersburg. These areas are delineated in **Attachment 1**. The eastern portion of the Treasure Island Causeway from the east bridge to the draw bridge is currently being relandscaped by another contracted vendor. The landscaping plans for this area are attached hereto as **Attachment 2**. The resulting service Contract will be for a period covering the balance of FY23 (ending 9/30/2023), FY24, and FY25, with two optional one-year renewals subsequently.

2. GENERAL SCOPE

The contractor shall provide all personnel, supervision, equipment, tools, vegetation, and other items and services necessary to ensure that complete grounds maintenance services are performed to the City's standards. Service shall be provided in a manner to maintain a healthy landscape and to present a clean, neat, and professional appearance. The Contractor is required to use clean and appropriate equipment to provide a high-quality cut and to minimize the occurrence of unnecessary scalping when mowing due to uneven terrain. The Contractor is responsible for the planning, coordination, management, and performance of activities described herein. Services shall be provided in a timely manner, to include after-hours response, when necessary. The Contractor shall keep the maintained areas free and clear at all times of excess materials, debris, and equipment. No mulch, shell, rock, or other non-vegetative groundcover is permitted to be used. ***Manual weeding is required. No pesticide, insecticide, herbicide, fertilizer, or any other chemical is permitted to be used by the Contractor.***

The Contractor shall provide all grounds maintenance services described herein, including the following tasks. As used below, "Summer" is for the months April – November and "Winter" is for December – March.

A. Mowing

Sod shall be mowed to maintain a height of no more than four inches. Grass clippings are to be collected and removed from the City immediately following each mowing event. Clippings and debris on non-lawn areas are also to be cleared at the end of each mowing.

Summer frequency: 1 x week
Winter frequency: 2 x month
Work Standard: Sod has green/healthy appearance; height less than 4 inches

B. Edging/Line Trimming

Permanent fixtures in the maintained areas are to be trimmed with line trimmers to avoid unsightly growth at the base. Care must always be taken when operating around fixtures to prevent damage and trees. Edging and trimming along walkways, fences, bed edges, vegetation types, and tree wells shall be done to maintain a neat appearance. All hard edges shall be mechanically edged every mowing to maintain definition of edges.

Summer frequency: 1 x week
Winter frequency: 2 x month
Work Standard: No weed/sod growth up objects; Clean edges maintained

C. Manual Weeding

Manual weeding of areas must be performed to maintain aesthetics and plant health. Weeding shall be performed in all non-sodded areas in lieu of the use of any chemical applications.

Summer frequency: 2 x month
Winter frequency: 2 x month
Work Standard: Non-sodded areas free of weeds

D. Weed Torching

In lieu of chemical use, a propane torch shall be used to control grass or weed growth in small cracks in and between concrete, asphalt, or brick pavers. Care shall be taken not to over-torch engraved memorial bricks, caulked seems or painted structures.

Summer frequency: 1 x month
Winter frequency: 1 x month
Work Standard: No grass/weed growth visible between cracks

E. Tree Trimming & Maintenance

Palms and trees are to be trimmed at least once a year. More frequent trimming is required if the trees become unsightly, present a line-of-sight hazard, interfere with structure, or present vehicular, bicycle, or pedestrian clearance issues. Palm trees shall be trimmed to remove fronds below the 3:00 and 9:00 clock position. Tree canopies shall be maintained at eight feet or higher. New growth sprouts along the trunk or base shall be removed from trees. Crape myrtle trees shall not be trimmed unless a hazard is present.

Occasionally a tree may need to be staked or re-staked to correct a leaning problem. Tree ties shall be monitored closely and loosened, as necessary, to prevent girdling. Stakes shall be removed as soon as roots are established sufficiently to anchor plants. *City staff shall be responsible for tree injections, as deemed necessary by the City' Grounds Maintenance Supervisor.*

Frequency: 1 x annually
Work Standard: Sightly appearance; no hazards present

F. Plant/Sod Maintenance

Vegetation other than trees shall be maintained at a maximum height of thirty inches and trimmed away from curbs and walkways. Vegetative species shall not be allowed to intermix; separation shall be provided between them. Contractor is responsible for purchasing and replacing any vegetation, including sod, that either dies or does not appear to be healthy, as determined by the Grounds Maintenance Supervisor. Rarely, vehicles will damage vegetation along the roadway, requiring it to be replaced. *In instances that an*

associated Police report is filed to document the occurrence, impacted vegetation will be restored or replaced by City staff. All vegetation shall be installed at the appropriate depth with on-center spacing at Contractor's expense. *If a tree dies or needs to be removed and/or replaced due to circumstances not contributed to by the Contractor, City staff shall be responsible for the removal and or replacement. The City's Grounds Maintenance Supervisor shall determine whether tree loss is attributed to the Contractor's maintenance practices.* New plantings shall be watered in. All nursery tags and foreign weeds shall be removed from planting material prior to installation.

Frequency:	as needed for replacement
Work Standard:	Non-trees maintained less than 30 inches Bright colors, full appearance

G. Irrigation Maintenance

Frequency:	No less often than the seasonal frequency for Subtask A - Mowing
Work Standard:	Non-trees maintained less than 30 inches in height Bright colors, full appearance

Water Use

The Contractor will maintain landscaping in support of the City's water conservation measures. Trees, shrubs, grasses and other plants shall show no sign of excess dryness or excessive watering. The Contractor is responsible for monitoring the water needs of all planted areas and maintain the appropriate irrigation settings. The irrigation system shall be maintained to provide adequate watering to meet the needs of the specific area. The Contractor is responsible for ensuring that all local codes, ordinances, and other applicable regulations are followed. The Contractor shall adjust watering schedules, irrigation heights/locations/types as needed to maintain the highest aesthetic appearance and watering efficiencies. The spray pattern of each sprinkler head must be maintained for proper water distribution and to minimize overflow of water onto sidewalks, driveways, roads and facilities. The Contractor may not combine zone controllers or use "doublers" in making repairs to the system.

Repairs

Irrigation must be repaired and maintained by the Contractor at the Contractor's expense and inspected regularly to ensure proper function. The system to be maintained includes all parts including rain shutoff devices, subsurface piping, drip lines, system controllers and control devices, control valves, sprinkler heads, batteries, and field wiring.

Ground level heads and valve boxes shall remain flush with finished grade. The Contractor will replace, at the contractor's expense, any parts that become damaged or destroyed. The Contractor must maintain seals to prevent weeping of water from the system while operating. Repairs and replacements should be made with parts that are the same or equal to the original parts. The Contractor shall immediately repair all leaks at the Contractor's expense. *In the instance that irrigation valves, solenoids, sprinkler heads or timers stop working and the Grounds Maintenance Supervisor deems the failure to be at no fault of the Contractor, the City will provide the replacement valve, solenoid, sprinkler head or timer to be replaced by the Contractor.*

Contractor Pre-Inspection
The system shall be fully evaluated by the Contractor immediately following Notice to Proceed under this Contract. The City will perform irrigation repairs thereafter to bring the system up to an initial acceptable standard, after which, the system will become the full responsibility of the Contractor. The cost of this initial evaluation shall be the responsibility of the Contractor. Any necessary initial repairs shall be at the City's expense, if approved.

H. Debris Removal

Frequency: as needed; should be included as part of the subtasks above
Work Standard: No debris remaining in service areas

Both vegetative debris cut by the Contractor and all other debris within the service areas including trash and vegetative debris blown in from other areas, shall be immediately removed by the Contractor. All paved surfaces must be maintained free of foreign material. No debris shall be allowed to enter into the City's stormwater system.

I. Maintenance of Traffic

Frequency: as required for any work performed in the rights of way
Work Standard: Proper use of FDOT TTC indices

Contractor shall have a staff member present with an active MOT/TTC (Maintenance of Traffic/Temporary Traffic Control) Certification on site during all times that traffic control measures are used. All devices used shall conform to the standards and guidelines set forth by the Florida Department of Transportation. The City may request the TTC index that is being used by the Contractor at any time to ensure proper controls are in place. Traffic control devices must only be used for the minimum duration needed to perform the work. No devices are permitted to be left within the City after the work is performed.

3. CONTRACTOR STAFF REQUIREMENTS

The Contractor's staff shall, at a minimum, wear a company shirt provided by the Contractor, and have an identification badge that includes the employee's full name, photograph and company name. Contractor vehicles used within the indicated work area shall have identification showing that they belong to the Contractor.

The Contractor shall satisfy and maintain all State and local irrigation contractor licensing requirements during the term of the Contract. Each individual working within the City shall have an active landscape BMP certification from Pinellas County.

4. REPORTING REQUIREMENTS

The Contractor shall regularly inspect all maintained areas for signs of infestation, or insect-ridden conditions and immediately report any findings of concern to the City's Ground Maintenance Supervisor. The Contractor is not permitted to use any insecticides, fungicides, or any other chemicals within the service areas.

A dated Monthly Summary Report of all work performed shall be submitted to the Public Works Department by the Contractor monthly as documentation for invoice processing. This submission serves to verify the performance of services. The City's Contract Manager shall work with the Contractor to clarify any discrepancies that may exist prior to payment.

5. SERVICE TIMES

Regular maintenance services, unless otherwise coordinated and approved by the City's Ground Maintenance Supervisor and/or designee, shall be provided by the Contractor between the hours of 7:00 a.m. and 5:00 p.m. local time, Monday through Friday, excluding State holidays. Work that cannot be performed during regular visits, due to vehicle obstructions, should be discussed with the Ground Maintenance Supervisor at the time of the obstruction to achieve a solution. Work delayed by weather shall be reported immediately to the City's Grounds Maintenance Supervisor and shall be made up the next available working day (Monday through Friday).

After-hours response is required at the Contractor's expense if there is an issue with the maintained area, such as, but not limited to, limbs obstructing the roadway or malfunctioning irrigation. The Contractor shall provide the City with an afterhours contact for these instances. The Contractor shall not be responsible for proven and documented acts of vandalism or proven and documented acts of God.

6. SPECIAL CONDITIONS

If this solicitation has detailed Technical Specifications and Plan documents that complement the General Conditions included herein, these documents are included as part of this solicitation as an attachment and are to supplement and enhance the General Conditions in Sec. IV of this ITB document. These Technical Specifications and Plans take precedent over those described in General Conditions, where they may conflict. All headings are provided for ease of navigation and should not be construed to have any other meaning or value.

SECTION II
GENERAL INSTRUCTIONS

Bid Format
All Bids must be typewritten. Legibility, clarity, and completeness are essential. The bid must be signed by individual(s) legally authorized to bind the Contractor.

Submission Procedures — Mailed/Delivered (Option 1) or via DemandStar (Option 2)

OPTION 1
One (1) original version of all bid documents with signature and one (1) digital (PDF) version of the original are to be submitted in a sealed envelope to:

Purchasing Coordinator
City of Treasure Island
120 108th Avenue
Treasure Island, FL 33706

To prevent opening by unauthorized individuals, your bid should be identified as follows:

THE CITY OF TREASURE ISLAND, FLORIDA
Causeway Landscaping Maintenance

ITB No. 23-015

Name of Contractor: _____

Point of Contact: _____

_____

OPTION 2
Bidders may also submit **all** required documents via DemandStar and forgo the delivery or shipping of an original hard copy. This is a voluntary option being made available to all bidders. Bidders must either submit everything via Option 1 **or** Option 2. Bids submitted using both options, risk being deemed non-compliant.

Additional Information and Specification Changes
Request for additional information and questions should be addressed to Michael Munger, Finance Director / Purchasing Coordinator, by email at mmunger@mytreasureisland.org. Questions and requests for additional information must be submitted by e-mail by the date indicated. Only written interpretations or answers made to any bidder as to the meaning or specifications of the scope of this ITB will be binding. It is the further responsibility of each Bidder to determine whether any addenda have been issued to this ITB and to incorporate any such addenda into the submission of qualifications.

SECTION III
BID FORMS

BID SHEET

QUALIFICATIONS STATEMENT

SUBMITTED BY:

Official Name of Firm: _____

Address: _____

_____

_____

SUBMITTED TO: City of Treasure Island – ITB 23-015

SUBMITTED FOR: **CAUSEWAY LANDSCAPE MAINTENANCE**

BIDDERS CONTACT INFORMATION:

Contact Person: _____

Title: _____

Phone: _____

Email: _____

AFFILIATED COMPANIES:

Name: _____

Address: _____

_____

_____

TYPE OF ORGANIZATION: *(select one)*

SOLE PROPRIETORSHIP

Name of Owner: _____

Doing Business As: _____

Date of Organization: _____

PARTNERSHIP

Date of Organization: _____

Type of Partnership (General or Limited): _____

Name and Address of Each Partner: _____

_____

CORPORATION

State of Incorporation: _____

Date of Incorporation: _____

Executive Officers:

Chief Executive Officer: _____

- President: _____

- Vice President(s): _____

_____

_____

- Treasurer: _____

- Secretary: _____

LIMITED LIABILITY COMPANY

State of Organization: _____

Date of Organization: _____

Members: _____

_____

_____

JOINT VENTURE

State of Organization: _____

Date of Organization: _____

Form of Organization: _____

Joint Venture Managing Partner

- Name: _____

- Address: _____

_____

_____

Joint Venture Managing Partner

- Name: _____

- Address: _____

_____

Joint Venture Managing Partner

- Name: _____

- Address: _____

_____

BIDDERS GENERAL INFORMATION

Type of License: _____

License Number: _____

Years of Business under License Number: _____

If nonresident, proof of authority to do business in the State of Florida. Attach with form submission.

Is this organization an equal employment opportunity employer? ◯ YES ◯ NO

Does this organization have a Drug-Free Workplace program pursuant to Section 287.087, Florida Statutes? If yes, include Attachment in this Section. ◯ YES ◯ NO

CERTIFICATIONS CERTIFIED BY:

Disadvantage Business Enterprise: _____

Minority Business Enterprise: _____

Woman Owned Enterprise: _____

Small Business Enterprise: _____

Other (_____): _____

BIDDERS SPECIFIC INFORMATION

Previous Experience:

Has any firm listed ever failed to complete a contract awarded to it?
◯ YES ◯ NO

Has any Corporate Officer, Partner, Joint Venture participant or Proprietor ever failed to complete a contract awarded to them in their name or when acting as a principal of another entity?
◯ YES ◯ NO

If YES to either of the two questions above, list as an attachment and state why. Include each project's contact information.

COMPANY _____

The undersigned, as Bidder, does declare that no other persons other than the Bidder has any interest in this solicitation or in the contract to be executed, and that it is made without any connection with any other person or persons making a bid for the same articles, and it is in all respects fair and without collusion or fraud. More than one bid received for the same work from an individual, firm, partnership, corporation or joint venture under the same name nor different names will not be considered. Reasonable grounds for believing that any Bidder, has interest in more than one bid for the same work will cause the rejection of all Bids that the Bidder is interested. If there are reasonable grounds for believing collusion exists among Bidders, the Bids of participants will not be considered.

The undersigned further declares that he/she has carefully examined the specifications and is thoroughly familiar with their provisions and penalties. The Bidder, by signing below, accepts all of the terms and conditions of the bid and makes all representations required by the General Conditions.

The Bidder agrees if this bid is accepted to contract with the City of Treasure Island, Florida, in the form of contract specified, to furnish all material, equipment, machinery, tools, apparatus, means of transportation and labor necessary to provide the work in the Bid.

_____
COMPANY NAME

_____ _____
NAME (PRINT) TITLE

_____ _____
SIGNATURE DATE

DRUG-FREE WORK PLACE CERTIFICATE

IDENTICAL TIE BIDS: Pursuant to Section 287.087 of the Florida Statutes, preference will be given to businesses with Drug-Free Work Place Programs. Whenever two or more bids which are equal with respect to price, quality, and service are received for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a Drug-Free Work Place Program will be given preference in the award process. Established procedures for processing tie Bids will be followed in the event that none of the tied bidders have a Drug-Free Work Place Program. In order to have a Drug-Free Work Place Program, a business must:

1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the work place and specifying the actions that will be taken against employees for violations of such prohibition.
2) Inform employees about the dangers of drug abuse in the work place, the company's policy of maintaining a Drug-Free Work Place, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3) Give each employee engaged in providing the commodities or contractual services that are under the proposal a copy of the statement specified in subsection (1).
4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under the proposal, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 of the Florida Statutes, or of any controlled substance law of the United States or any state, for a violation occurring in the work place no later than five (5) days after such conviction or plea.
5) Impose a sanction on, or require the satisfactory participation in, a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted or who has pled.
6) Make a good faith effort to continue to maintain a drug-free work place through implementation of this section.

AS THE PERSON AUTHORIZED TO SIGN THE STATEMENT, I CERTIFY THAT THIS FIRM COMPLIES FULLY WITH THE ABOVE REQUIREMENTS.

_____ _____

Signature **Date**

_____

Printed Name

SECTION IV
GENERAL CONDITIONS

To ensure acceptance, all contractors submitting Bids to the City of Treasure Island will be governed by the following conditions, attached specifications, and bid form(s) unless otherwise specified. Bids not submitted on the bid form(s) provided will be rejected, and the Bids not complying with these conditions will be subject to rejection.

1. **Interpretations.** All questions concerning the specifications or conditions will be directed by e-mail to Michael Munger, Finance Director / Purchasing Coordinator at mmunger@mytreasureisland.com as instructed in the Invitation to Bid. Interpretations will be posted on DemandStar. The Purchasing Coordinator will not be responsible for any other explanation or interpretation. Only questions answered in writing will be binding. Oral and other representations, interpretations, or clarifications will be without legal effect.

2. **Bidder Representations.** It is the responsibility of each bidder before submitting to:

i. examine and carefully study the Bid Documents, and any data and reference items identified in the Bid Documents;

ii. become familiar with and satisfy itself as to all Laws and Regulations that may affect cost, progress, and performance of the Work;

iii. agree that at the time of submitting its bid no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its bid for performance of the work at the price bid and within the times required, and in accordance with the other terms and conditions of the Bid Documents;

iv. promptly give the City written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bid Documents and confirm that the written resolution thereof by the City is acceptable to Bidder;

v. determine that the Bid Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work; and

vi. agree that the submission of a bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of the Bid Documents, that without exception the bid and all prices in the bid are premised upon performing and furnishing the Work required by the Bid Documents and that the Contract Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions of performance of the Work.

3. **Sealed Bids.** The specifications and all executed Bid Forms must be submitted in a sealed envelope. An authorized representative of the Bidder must sign all Bids. The face of the bid envelope must be plainly marked identifying the item(s) and the date of the bid opening. No bids will be accepted after closing time for receipt of bids, nor will any offers by telephone, fax or e-mail be accepted.

4. **Intent of Specifications.** It is the intent of the specifications described a certain item(s) or service(s) to be purchased by the City of Treasure Island including all materials, equipment,

machinery, tools, apparatus, and means of transportation (including freight costs) necessary to provide the item(s) or service(s).

5. **Exceptions to Specifications.** During the drafting of written specifications, a sincere effort is made to describe products and services best suited to the needs of the City; however, in order that due consideration be given in evaluating Bids, any exceptions to or deviations from the specifications as written must be noted and fully explained. The City Manager is the final authority in determining the acceptability of any exceptions to specifications.

6. **Approved Equivalents or Equals.** Any manufacturer's names, trade names, brand names, model numbers, etc. listed in the specifications are for information only, and are not intended to limit competition. The Bidder may offer any brand for which he is an authorized representative, which meets or exceeds the specifications as written. If the bid is based on an "approved equivalent or equal" item, supportive information in the form of the manufacturer's printed literature or brochures, sketches, diagrams, and/or complete specifications must accompany the Bid. The Bidder must explain in detail the reasons why the proposed equivalent or equal will meet specifications and not be considered an exception thereto. The City of Treasure Island reserves the right to determine acceptance of proposed equivalent of equal items.

7. **Delivery.** Bid quotations include all freight costs to Treasure Island, Florida to a point(s) specified in the Contract or specified at the time the purchase order is placed. No title to the item(s) ordered nor any risk of loss will be passed to the City of Treasure Island until after receipt of delivery has been acknowledged by authorized representative of the City of Treasure Island.

8. **Mistakes.** Bidders are expected to examine the conditions, scope of work, bid prices, extensions, and all instructions pertaining to the item(s) involved. Failure to do so will be at the Bidder's risk. The actual unit prices of bid will govern an award.

9. **Bid Withdrawals.** A bid may be withdrawn by an appropriate document duly executed in the same manner that a bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids. Upon receipt of such notice, the unopened bid will be returned to the Bidder. If a Bidder wishes to modify its bid prior to bid opening, Bidder must withdraw its initial bid and submit a new bid prior to the date and time for the opening of Bids. Withdraw of a bid will not prejudice the rights of a Bidder to submit a new bid prior to the bid submission deadline date and time. After expiration of the period for receiving bids no bid may be modified or withdrawn.

10. **Selection of Bid.** Prior to contract award, any Bidder may be required to show that the company has the necessary facilities, equipment, ability and financial resources to perform the work specified in a satisfactory manner and within the time specified. In addition, the company must have experience in work of the same or similar nature, and can provide references, which will satisfy the City. The City may conduct such investigations as the City deems necessary to establish the responsibility, qualifications, and financial ability of bid and any proposed subcontractors, suppliers and individuals, or entities to perform the Work in accordance with the Contract Documents. In evaluating whether a Bidder is responsible, the City will consider the qualifications of the Bidder and may consider the qualifications and experience suppliers

proposed for those portions of the Work for which the identify suppliers must be submitted as provided in the Bid Documents. The City will also consider whether the Bidder is of doubtful financial ability or fails to meet any other pertinent standard or criteria established by the City. City, at its sole discretion, may select the Bidder that it believes is appropriately qualified, responsible, and responsive.

11. **Award of Bids.** The combined lump sum prices on the original sublimated bid form will be the price used for ranking the proposals at the bid opening. Recommendation for award of Proposal are made to the City Commission based on the lowest, responsive, and most responsible Bidder meeting all conditions and requirements of the specifications. The contract awarded will be legally binding on both parties at the time of award by the City Commission.

12. **Rejection of Bids.** The City of Treasure Island reserves the right to accept or reject any or all Bids.

13. **Identical Tie Proposals.** In the event that two or more Bids are identical in price, quality, and service, preference will first be given to businesses with a compliant Drug-Free Workplace Policy. Established procedures for processing ties Bids will be followed in the event that none of the tied Bidders have said policy.

14. **Protests.** Bidders who do not agree with the City's recommendation for award will be afforded the opportunity to protest the recommendation by submitting written notice to the contracting department head. Such notice will be given to the City's Purchasing Coordinator within three (3) working days after notice of award. The protest must state the grounds for the protest and the action requested. Bids not meeting the minimum published requirements (including specifications and/or scope of service) are not subject to protest. The petitioner will be furnished a copy of the written determination and recommendation.

15. **Lobbying.** Lobbying is prohibited in all City of Treasure Island competitive selection processes and contract awards including but not limited to, requests for qualifications, bids, or proposals the award of purchasing contracts of any type. The purpose of this prohibition is to protect the integrity of the procurement process by shielding it from undue influences prior to the contract award, a bid protest being resolved, or the competitive selection process being otherwise concluded. The prospective Bidder may contact the City's main office as specified on page 1 of this Invitation to Bid, to address situations such as clarifications relating to the procurement process or Bidder protest.

Lobbying of evaluation committee members, city government employees, or elected officials regarding invitation to bids, request for qualifications, invitations to bid, purchasing contracts, or bid protests, by the Bidder/protestor any member of the Bidder's/protestor's staff, any agent or representative of the Bidder/protestor, or any person employed by any legal entity affiliated with or representing a Bidder/protestor, is strictly prohibited from the date of the advertisement, or on a date otherwise established by the City Commission, until either an award is final, any protest is finally resolved, or the competitive selection process is otherwise concluded. Any lobbying activities in violation of this section or on behalf of a Bidder/protestor will result in the disqualification or rejection of the Proposal, quotation, statement of qualification, Proposal or contract, and may lead to debarment of the Bidder or Bidder/protestor.

For purposes of this provision, lobbying means influencing or attempting to influence action or non-action, and/or attempting to obtain the goodwill of persons specified in this section involved in the selection, ranking, or contract award in connection with any invitation to bid, request for quotation, requests for qualification, Proposal or purchasing contract through direct or indirect oral or written communication. The final award of a purchasing contract will be the effective date of the purchasing contract.

Any evaluation committee member, city government employee or elected official who has been lobbied must immediately report the lobbying activity to the City Manager.

16. **Bids From Related Parties or Multiple Bids Received From One Bidder.** Where two (2) or more related parties each submit a Bid or multiple Bids are received from one (1) Bidder, for any contract, such Bids will be judged non-responsive. Related parties mean Bidders or the principles thereof, which have a direct or indirect ownership interest in another Bidder for the same contract or in which a parent company or the principles thereof of one (1) Bidder have a direct or indirect ownership interest in another Bidder for the same contract.

17. **Assignment/Subcontracting/Corporate Acquisition and/or Mergers.** The Contractor shall perform this Contract. If a Bidder intends to subcontract a portion of this work, the Bidder must disclose that intent in the Bid. No assignment or subcontracting will be allowed without prior written consent of the City. In the event of a corporate acquisition and/or merger, the Contractor must provide written notice to the City within thirty (30) business days of Contractor's notice of such action or upon the occurrence of said action, whichever occurs first. The right to terminate this contract, which will not be unreasonably exercised by the City, includes but is not limited to, instances in which a corporate acquisition and/or merger represent a conflict of interest or are contrary to any local, state, or federal laws. Action by the City awarding a bid to a bidder, which has disclosed its intent to assign or subcontract in its response to the ITB, without exception will constitute approval for purposes of this Contract.

18. **Additional Requirements.** The City reserves the right to request additional goods or services relating to this Agreement from the Contractor. When approved by the City as an amendment to this Agreement and authorized in writing, the Contractor must provide such additional requirements as may become necessary.

19. **Required Disclosure.** With its bid submission the bidder must disclose all material facts pertaining to any felony conviction or any pending felony charges in the last three (3) years in this state or any other state of the United States against (i) Bidder, (ii) any business entity related to or affiliated with Bidder, or (iii) any present or former executive employee, officer, director, stockholder, partner or owner of Bidder or of any such related or affiliated entity. This disclosure will not apply to any person or entity which is only a stockholder, which person or entity owns 20 percent or less of the outstanding shares of a Bidder whose stock is publicly owned and traded.

At its sole discretion, the City may reject any Proposal the City finds to lack, or whose present or former executive employees, officers, directors, stockholders, partners or owners are found by the City to lack honesty, integrity, or moral responsibility. The discretion of the City may be exercised based on the disclosure required in this Section. By submitting a Bid, Bidder recognizes and accepts that the City may reject the Proposal based upon the exercise of its sole discretion and Bidder waives any claim it might have for damages or other relief resulting from the rejection of its Proposal based on these grounds.

20. **Public Entity Crimes.** By submitting a Bid, each Bidder is confirming that the company has not been placed in the convicted vendor list or the discriminatory vendor list as described in Sections 287.133 and 287.134, Florida Statutes.

a. A person or affiliate who has been placed on the convicted vendor list following the conviction for a public entity crime, may not submit a bid, proposal or reply on a contract to provide goods or services to a public entity, may not submit a bid, proposal or reply on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids, proposals, or replies on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount as provided in Section 287.017, Florida Statutes, for Category Two for a period of 36 months from the date of being placed on the convicted vendor list.

b. A person or affiliate who has been placed on the discriminatory vendor list, may not submit a bid, proposal or reply on a contract to provide goods or services to a public entity, may not submit a bid, proposal or reply on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids, proposals or replies on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with a public entity, and may not transact business with any public entity for a period of 36 months from the date of being placed on the discriminatory vendor list.

21. **Tax.** The City of Treasure Island is exempt from all State and local sales tax.

22. **Payment of Invoices.** Payment shall be considered full compensation for furnishing and placing all material and for all labor, equipment, tools, and incidentals necessary to complete the work. The City of Treasure Island issues checks for payment of invoices biweekly. The signed purchase order and a correct invoice must have been received before payment can be made.

23. **Appropriations Clause.** By submitting a Bid, the Contractor certifies that he/she understands that the City, an entity of government, is subject to the appropriation of funds by its legislative body in an amount sufficient to allow continuation of its performance in accordance with the terms and conditions of this contract for each and every fiscal year following the fiscal year in which this contract is executed and entered into and for which this contract will remain in effect. The City will, upon receipt of notice that sufficient funds are not available to continue its full and faithful performance of this contract, provide written notice to the consultant of such event within thirty (30) days and, be thereafter released at all further obligations in any way related to the contract.

24. **Legal Requirements.** All applicable provisions of federal, state, county, and local laws including all ordinances, rules, and regulations govern the development, submittal and evaluation of all bids received in response to these specifications, and govern any and all claims between person(s) submitting a Proposal and the City of Treasure Island, by and through its officers, employees and authorized representatives. A lack of knowledge by the Bidder concerning any of the aforementioned will not constitute a cognizable defense against the legal effect thereof. The Bidder agrees that it will not discriminate on the basis of race, creed, color, national origin, sex, age or disability.

25. **Licenses, Registration and Certificates.** Each Bidder must possess at the time of submitting its Proposal all licenses, registrations and certificates necessary to engage in the business of contracting (or special contracting if the work to be performed necessitates a particular type of specialty contractor) in the City of Treasure Island. Bidder must also possess all licenses, registrations and certificates necessary to comply with federal, state and local laws and regulations.

26. **Permits and Taxes.** The Bidder shall procure all permits, pay all charges, fees, and taxes, and give all notices necessary and incidental to the due and lawful prosecution of the work. Where applicable, the City of Treasure Island will waive the fees related to city-issues permits.

27. **Public Records.** By submitting a Bid, the Contractor certifies that he/she understands that the City, an entity of government, is subject to the Public Records Act and in accordance with Section 119.0701 of the Florida Statutes the Consultant may be subject to the Public Records Act. Any claim of confidentiality is waved upon submission, effective after bid opening pursuant to Section 119.07 of the Florida Statutes. Any subsequent contract entered into between the City and Contractor related to the scope of Work outlined in this ITB will be conditioned on the Contractor's compliance with the Public Records Act as provided in Section 119.0701 of the Florida Statutes.

28. **Unauthorized Aliens.** The City of Treasure Island will consider the employment by the Bidder of unauthorized aliens a violation of Section 274A of the Immigration and Nationality Act. Such violation will be cause for unilateral termination of this Contract.

29. **Utilities.** The City of Treasure Island will not provide utilities such as water, electricity or refuse pickup unless noted in Proposal documents.

30. **Termination.** A contract may be terminated in whole or in part by the City at any time and for any reason in accordance with this clause, whenever the City determines, in its sole discretion that such termination is in the best interests of the City. A Notice of Termination will be effective if delivered to the Bidder at least five (5) calendar days prior to the termination date contained in the Notice. The Notice of Termination shall specify the extent to which performance will be terminated, and the date upon which termination becomes effective. An equitable adjustment in the contract price will be made for the completed service, but no amount will be allowed for anticipated profit on unperformed services.

31. **Conflict of Interest**. The Bidder represents that it presently has no interest and will acquire no interest, either direct or indirect, which would conflict any manner with the performance or services required in the Contract. The Bidder further represents that no person having any such interest will be employed by him/her during the agreement term and any extensions.

The Bidder shall promptly notify the City's representative, in writing, by certified mail, of all potential conflicts of interest for any prospective business association, interest, or other circumstance, which may influence or appear to influence the Contractor's judgment or quality of services being provided in the Contract. Such written notification must identify the prospective business association,

interest or circumstance, the nature of wok that the Bidder may undertake and request an opinion of the City as to whether the association, interest or circumstance would, in the opinion of the City, constitute a conflict of interest if entered into by the Bidder. The City agrees to notify the Bidder of its opinion, by certified mail, within thirty (30) days of receipt of notification by the Bidder.

32. **Bonds.** Payment Bonds called for in the Bid Documents must meet and comply with the standards set forth in the General Conditions and the following:

- **A.** Surety must be licensed or authorized to do business in the State of Florida and must comply with section 255.05 of the Florida Statutes.
- **B.** Surety must have been in business and have a record of successful continuous operations for at least five (5) years.
- **C.** All bonds must be executed by such sureties as are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Audit Staff, Bureau of Government Financial Operations, and the U.S. Treasury Department. Surety must have an A.M. Best Rating of A or better and A.M. Best Financial Size Category of Class VII or greater.
- **D.** Surety must issue performance and payment bonds in accordance with section 255.05 of the Florida Statutes.

The City reserves the right to reject any Surety. If the Surety or any bond furnished by the Contractor is declared bankrupt or becomes insolvent or its right to do business terminates in any state where any part of the project is located or it ceases to meet the requirements of these Contract Documents, the Contractor must within five (5) days after notice thereof substitute another bond and Surety, both of which must be acceptable to the City. The General Conditions sets forth City's requirements as to performance and payment bonds and insurance. When the Successful Bidder delivers the Agreement (executed by Successful Bidder) to City, it must be accompanied by required bonds and insurance documentation.

If the provisions of any bond require notice to be given to a surety of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Amount or Contract Times), the giving of any such notice will be CONTRACTOR's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

33. **Insurance Requirements.**

A. The CONTRACTOR is required, at its own cost and expense, to acquire, maintain, and provide evidence of the minimum insurance policies and limits, and keep specified insurance in force until the CITY accepts that the CONTRACTOR has satisfactorily completed all work required under the Contract; and cause SUBCONTRACTOR(S), if utilized, to acquire and maintain the same.

1. The CONTRACTOR, if selected, will provide the CITY with a Certificate or Certificates of Insurance showing the existence of coverage as required by the Agreement prior to the start of any work under this Agreement. In addition, the CONTRACTOR will provide to the CITY, if requested in writing, certified copies of all policies of insurance. New certificates and new certified copies of policies shall be provided to the CITY whenever any policy is renewed, revised, or obtained from other insurers. The City of Treasure Island shall be named as the Certificate Holder.

The address where such certificates and certified policies shall be sent or delivered is as follows:

City of Treasure Island
Attention: Purchasing Coordinator
120 108th Avenue
Treasure Island, FL 33706

2. All required policies providing liability coverage(s), other than Professional Liability and Workers' Compensation policies, for both CONTRACTOR and SUBCONTRACTOR(S) shall be endorsed to include The City of Treasure Island as an Additional Insured.

3. The Named Insured on the Certificate of Insurance must match the entity's name that responded to the ITB and is signing the Agreement with the CITY.

4. CONTRACTOR shall notify the CITY within twenty-four (24) hours of receipt of any notice of policy expiration, cancellation, nonrenewal, or adverse material change in the required coverages received by CONTRACTOR from its insurer.

B. Specific Insurance Coverages and Limits

All requirements in this Insurance Section shall be complied with in full by the CONTRACTOR unless excused from compliance in writing by the CITY. The amounts and types of insurance must conform to the following minimum requirements. Current Insurance Service Office (ISO) or National Council on Compensation Insurance (NCCI) policies, forms, and endorsements or broader shall be used where applicable. Notwithstanding the foregoing, the wording of all policies, forms, and endorsements must be acceptable to the CITY.

Workers' Compensation and Employers' Liability Insurance shall be maintained in force during the term of this Contract for all employees engaged in this work under this Contract, in accordance with the laws of the State of Florida. The minimum acceptable limits shall be:

1. <u>Workers' Compensation:</u> Florida Statutory Requirements
   <u>Employer's Liability:</u> $1,000,000 Each Employee
   $1,000,000 Each Employee Disease
   $1,000,000 Aggregate Disease

2. <u>Commercial General Liability Insurance:</u> The CONTRACTOR shall provide for all operations, including but not limited to, Independent Contractor, Contractual Liability Premises/Operations, Products/Completed Operations, and Personal Injury. Projects with a Completed Operations exposure are required to maintain coverage for a period of two (2) years beyond final acceptance by the CITY. The State of Florida, Department of Transportation shall be named as an Additional Insured.

$1,000,000 Per Occurrence
$1,000,000 Products/Completed Operations Aggregate
$1,000,000 Personal/Advertising Injury
$5,000,000 General Aggregate

When work is performed on or in the vicinity of utility-owned property or facilities, the utility shall be added along the State of Florida, Department of Transportation as an Additional Insured.

3. Business Automobile Liability Insurance: The CONTRACTOR shall provide coverage for all owned, hired, and non-owned vehicles.
$1,000,000 Combined Single Limit Per Accident

4. Property Insurance: CONTRACTOR will be responsible for all damage to its own property, equipment, and/or materials.

C. These insurance requirements shall not limit the liability of the CONTRACTOR and/or SUBCONTRACTOR(S).

D. All policies shall be written on a primary, non-contributory basis.

E. Insurance Policies, other than Professional Liability, shall include waivers of subrogation in favor of the CITY.

F. Companies issuing the insurance policy, or policies, shall have no recourse against the CITY for payment of premiums or assessments for any deductibles which are all at the sole responsibility and risk of the CONTRACTOR.

G. All insurance policies must be placed with insurers duly authorized to do business in the State of Florida and have a current AM Best rating of A- VII or better.

H. Any deductibles or self-insured retentions must be declared to and approved by the CITY. The CITY may require the CONTRACTOR to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention.

I. Receipt of certificates or other documentation of insurance or policies or copies of policies by the City, or by any of its representatives, which indicates less coverage that is required, does not constitute a waiver of the CONTRACTOR'S obligation to fulfill the insurance requirements specified in this Agreement.

J. Precaution shall be exercised at all times by the CONTRACTOR for the protection of all persons, including employees, and property. The CONTRACTOR shall be expected to comply with all applicable laws, regulations, or ordinances related to safety and health, and shall make special efforts where appropriate to detect hazardous conditions and shall take prompt action where loss control/safety measures should reasonably be expected. The CITY may order work to be stopped if conditions

exist that present immediate danger to persons or property. The CONTRACTOR acknowledges that such stoppage will not shift responsibility for any damages from the CONTRACTOR to the CITY.

K. No Waiver

Neither approval nor failure to disapprove insurance furnished by the CONTRACTOR or its SUBCONTRACTORS will relieve the CONTRACTOR or SUBCONTRACTOR from responsibility to prove insurance as required.

L. Indemnification Requirements

The CONTRACTOR will be required to agree to a provision requiring that it indemnify, defend, and hold harmless the CITY, any state, federal, county or municipal funding agency, and all of their officers, agents, and employees from any claim, loss, damage, cost, charge, or expense arising out of any act, error, omission, or negligent act by CONTRACTOR, its agents, or employees during the performance of the Contract.

GENERAL and SPECIAL CONDITIONS ACKNOWLEDGMENT

ANY AND ALL SPECIAL CONDITIONS/SPECIFICATIONS FOR TO THIS SOLICITATION WHICH VARY FROM THESE GENERAL CONDITIONS WILL HAVE PRECEDENCE. BY SIGNING THIS ACKNOWLEDGMENT RESPONDENDTS ARE CERTIFYING THAT THEY HAVE READ AND AGREE TO BOTH THE GENERAL AND SPECIAL CODITIONS OF THIS SOLICITATION.

AS THE PERSON AUTHORIZED TO SIGN THE STATEMENT, I CERTIFY THAT THIS BIDDER AGREES TO COMPLY WITH AND ACCEPTS THESE CONDITIONS.

Signature:_____ Date:_____

Printed Name:_____

EXHIBIT A – BID SCHEDULE

City of Treasure Island
ITB 23-015 Grounds Maintenance Service
Bid Schedule

Bidder directions: please fill in the green fields below.

SAMPLE ONLY
USE ATTACHED EXCEL FILE

Service Period	Monthly Service Fee	Total Cost per Service Period
June 1, 2023 - Sept. 30, 2023		$ -
Oct. 1, 2023 - Sept. 30, 2024		$ -
Oct. 1, 2024 - Sept. 30, 2025		$ -
Contract Total	**$**	**-**

Exhibit B: CONTRACT

[SEE THE CORRESPONDING ATTACHMENT TO THIS SOLICITATION]

CHECKLIST

*This list is provided as a courtesy and final check to ensure all bidders are submitting all required documentation. Failure to complete these items, specifically those in **bold**, may render your bid noncompliant and void. Bidders are responsible for ensuring all requirements are met as part of this solicitation.*

Section III – Bid Forms,

- **All forms completed**
- Drug-Free Workplace Certificate (if applicable)

Section IV – General Conditions

- **Reviewed and signed**

Attachment 1: Maintenance Area Maps

- By submitting a response to this solicitation, bidder acknowledges receipt and understanding of Attachment 1

Attachment 2: East Causeway Landscape Plans

- By submitting a response to this solicitation, bidder acknowledges receipt and understanding of Attachment 1

Exhibit A: Bid Schedule

- Complete the attached Bid Schedule in Excel; **return as part of your bid submission**

Exhibit B: Contract

- **Return and sign**
- **DO NOT ENTER AN EFFECTIVE DATE** (effective date is upon Commission approval)

Exhibit C: Bid Bond

- **Return with bid submission** (scanned copy is fine for online submission; apparent lowest bidder will need to provide hard copy original to the City before contract execution)

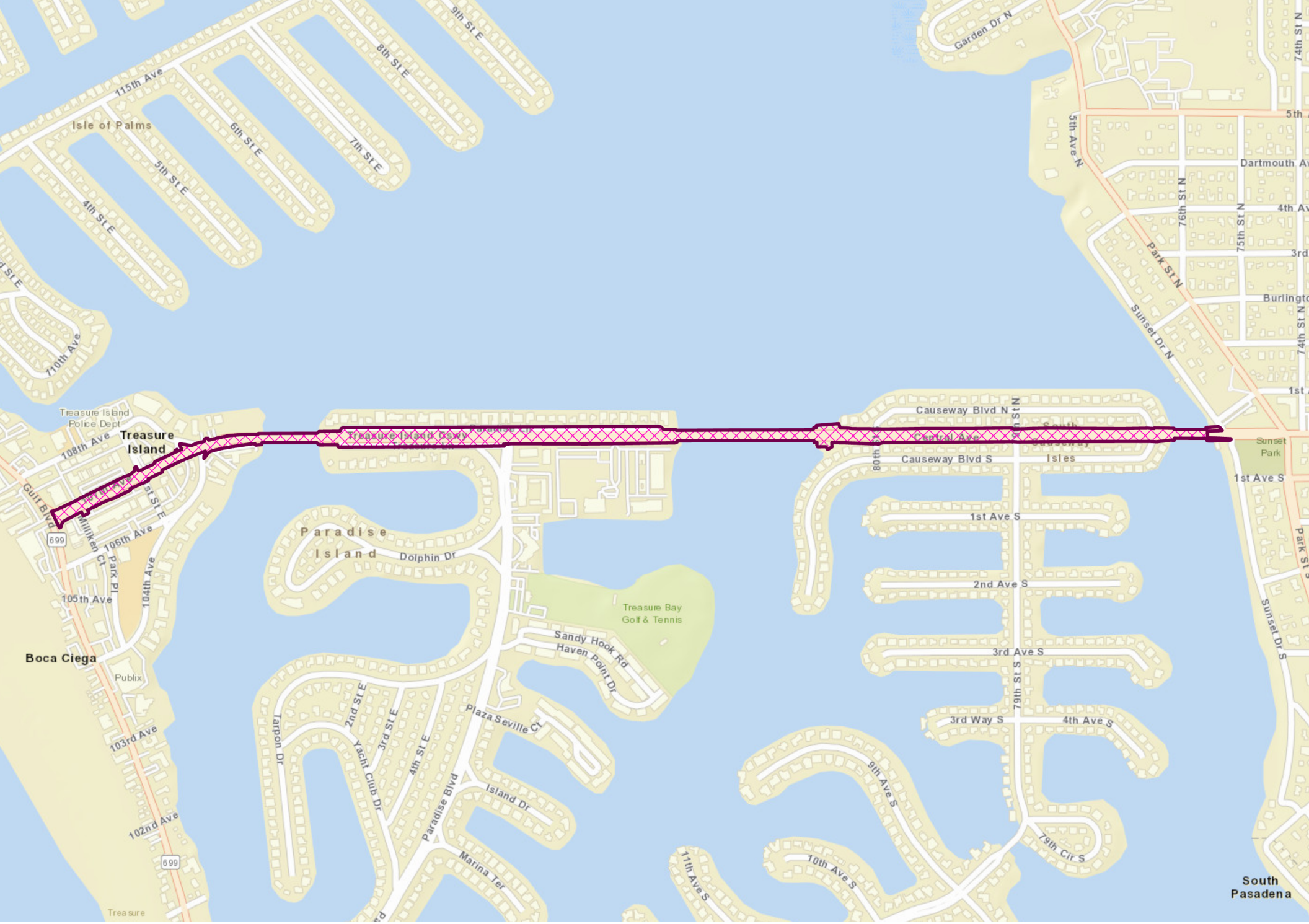
Exhibit D: Payment Bond

- Required before any work authorization

Exhibit E: Performance Bond

- Required before any work authorization

**The City of Treasure Island has Notaries Public on staff and will waive the notary fees for any documents directly related to City business. Please contact the Purchasing Coordinator for more information.*



Causeway Maintenance

Legend

Causeway Maintenance



Causeway Maintenance

Legend

Causeway Maintenance



Causeway Maintenance

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Causeway Maintenance



Causeway Maintenance

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Causeway Maintenance



Causeway Maintenance

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Causeway Maintenance



Causeway Maintenance

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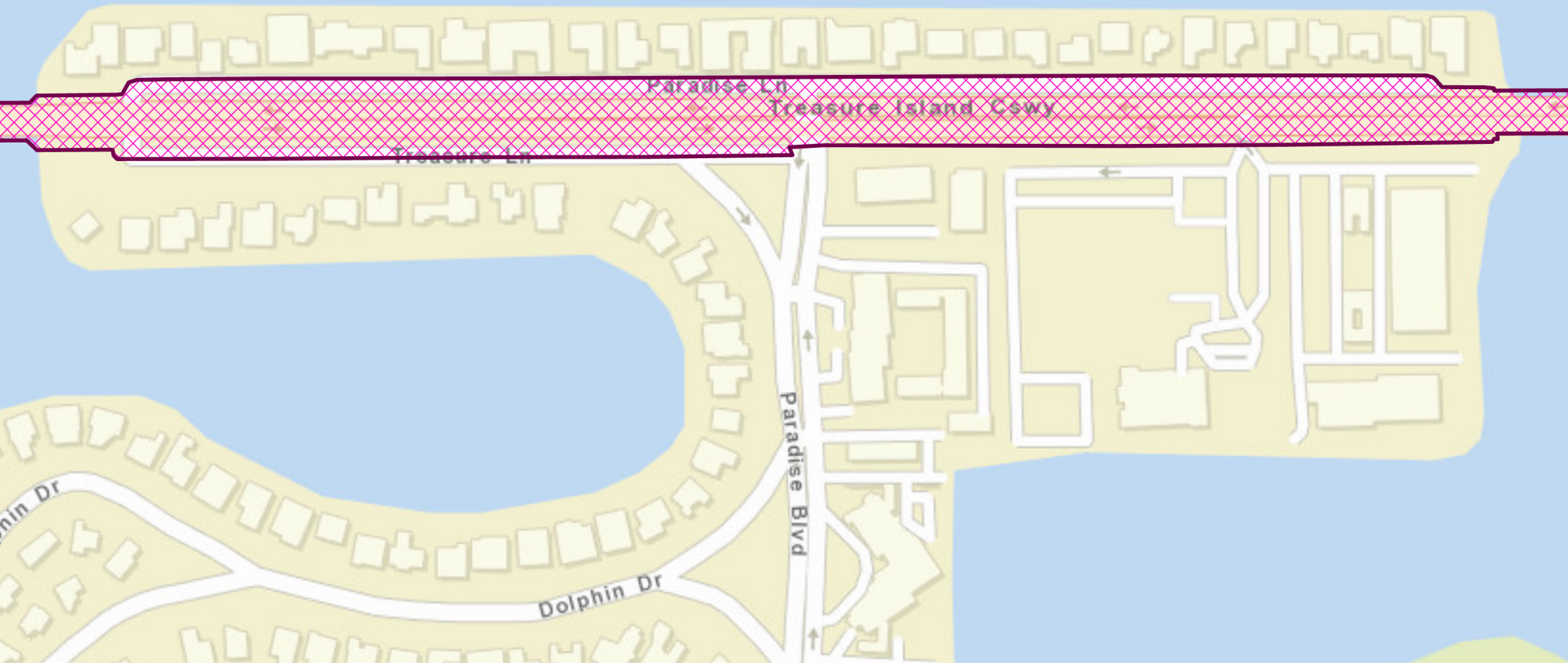
Causeway Maintenance



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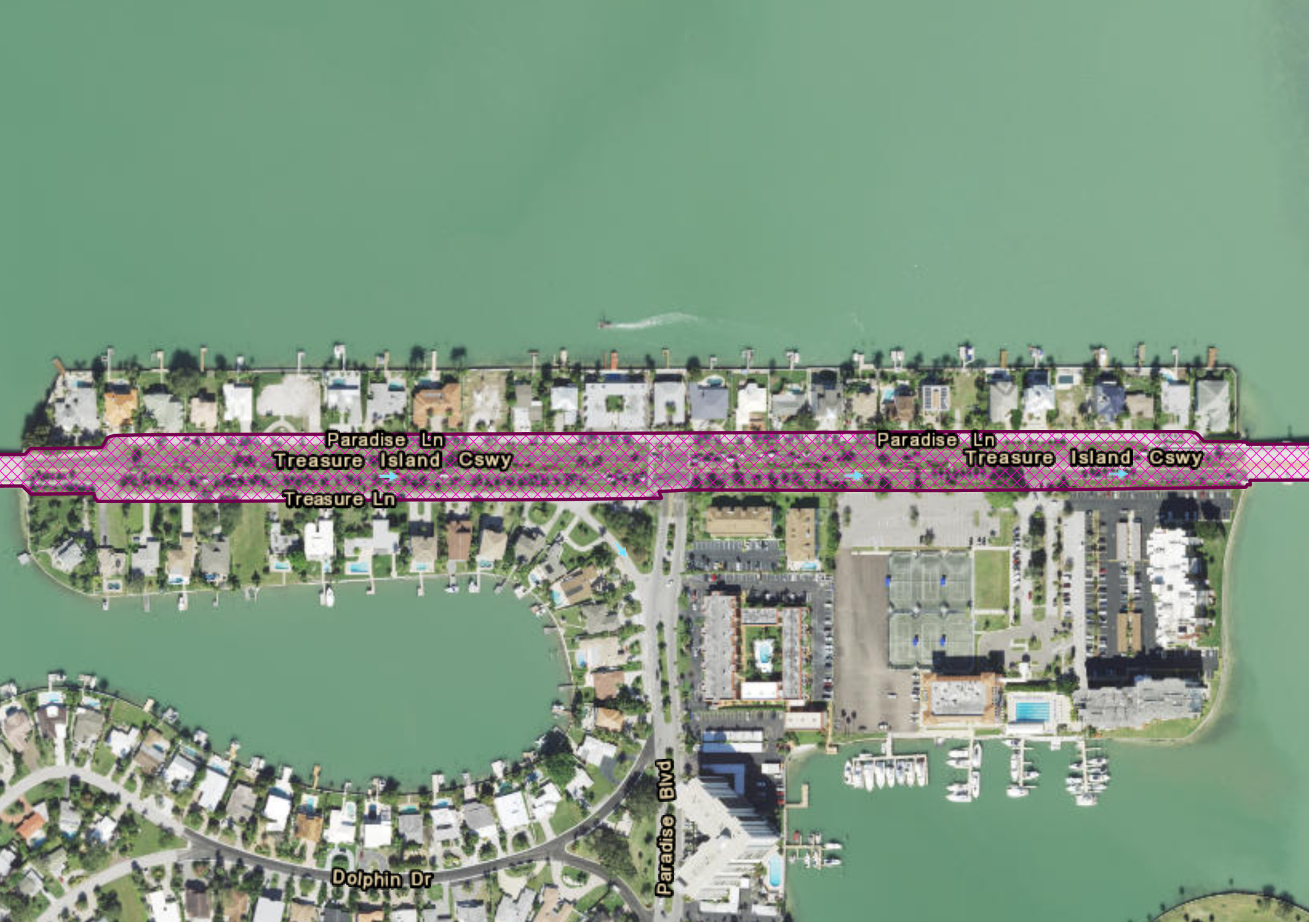

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Causeway Maintenance



Causeway Maintenance

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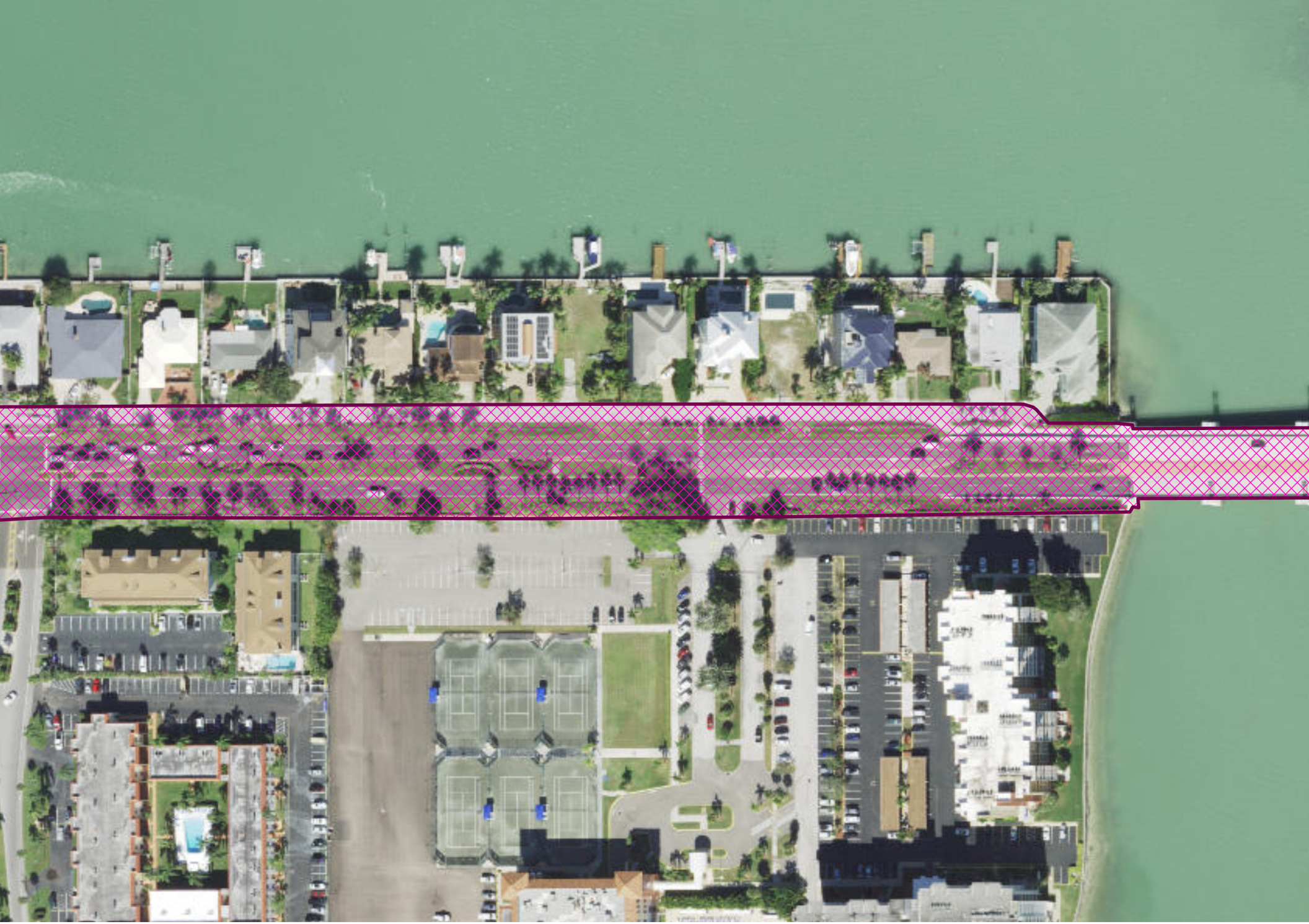
Causeway Maintenance



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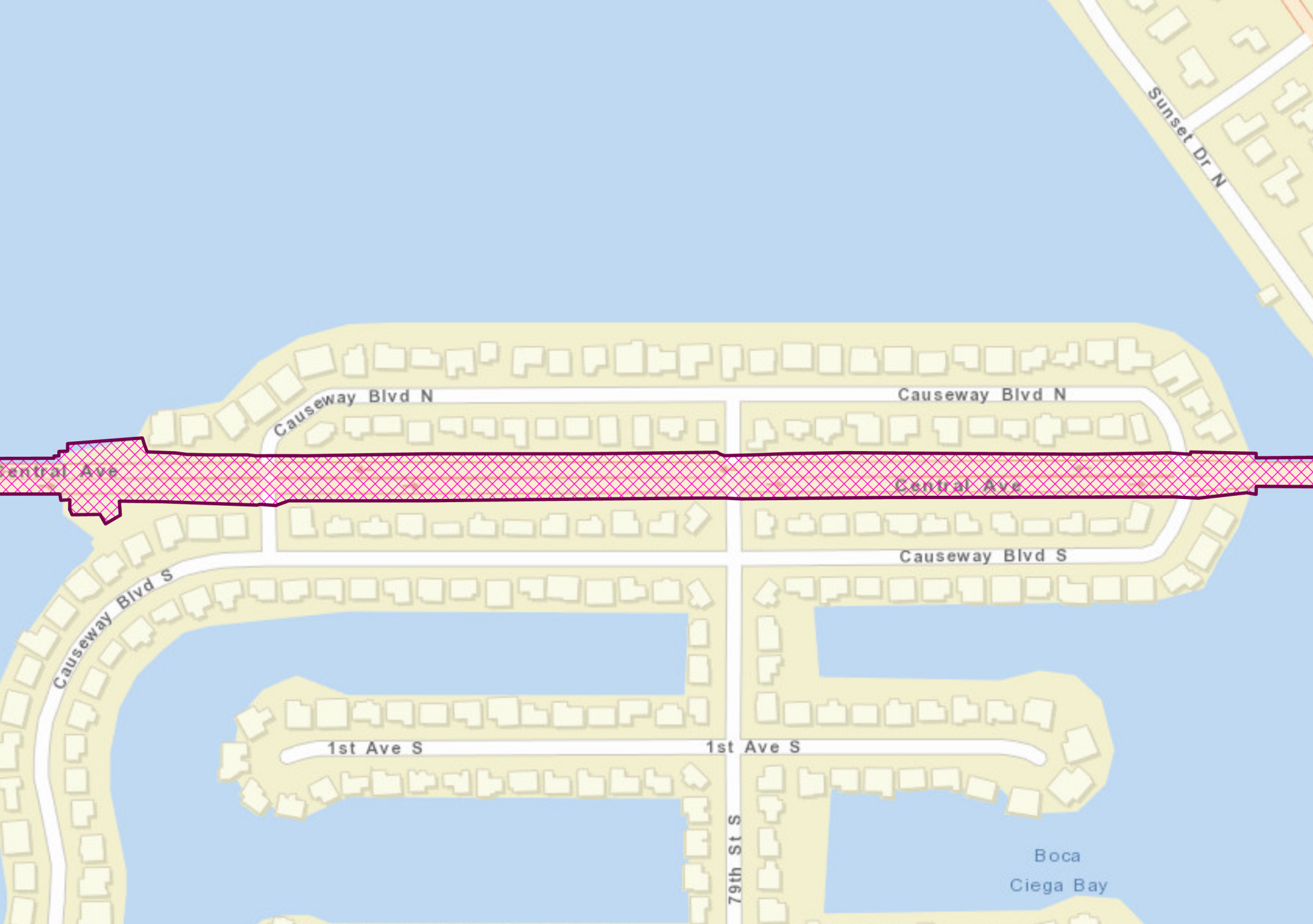

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Causeway Maintenance



Causeway Maintenance

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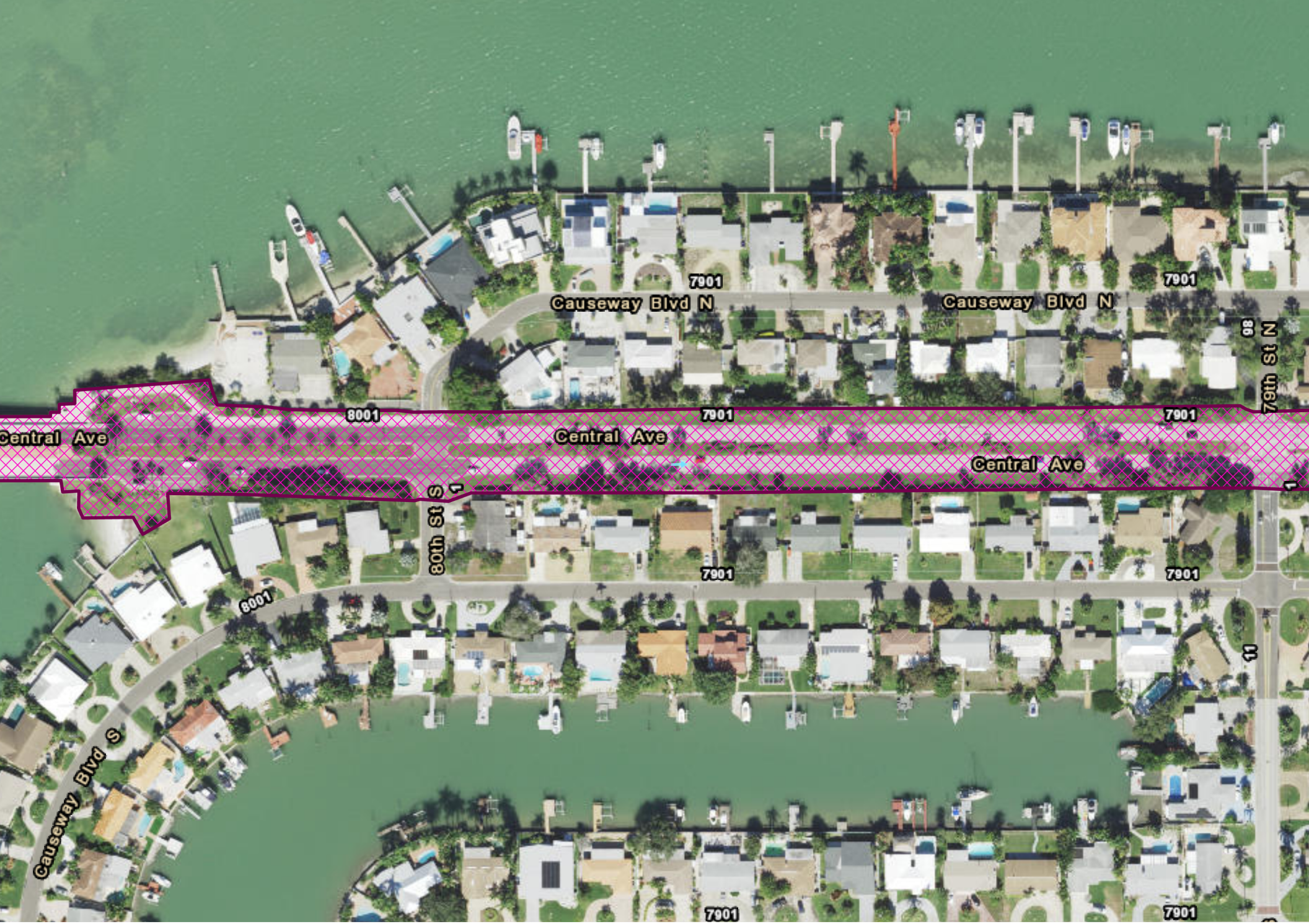
Causeway Maintenance



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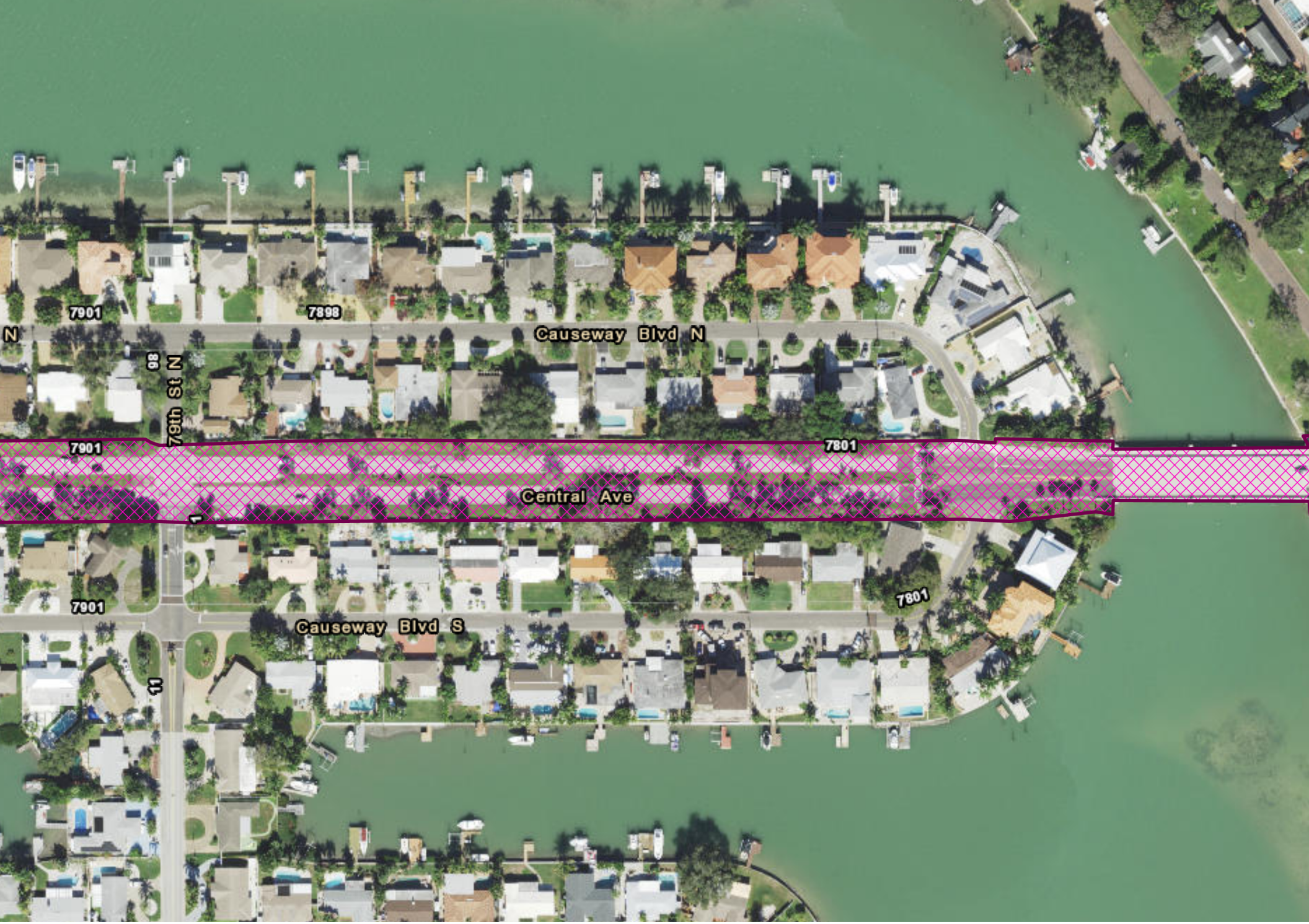
Causeway Maintenance



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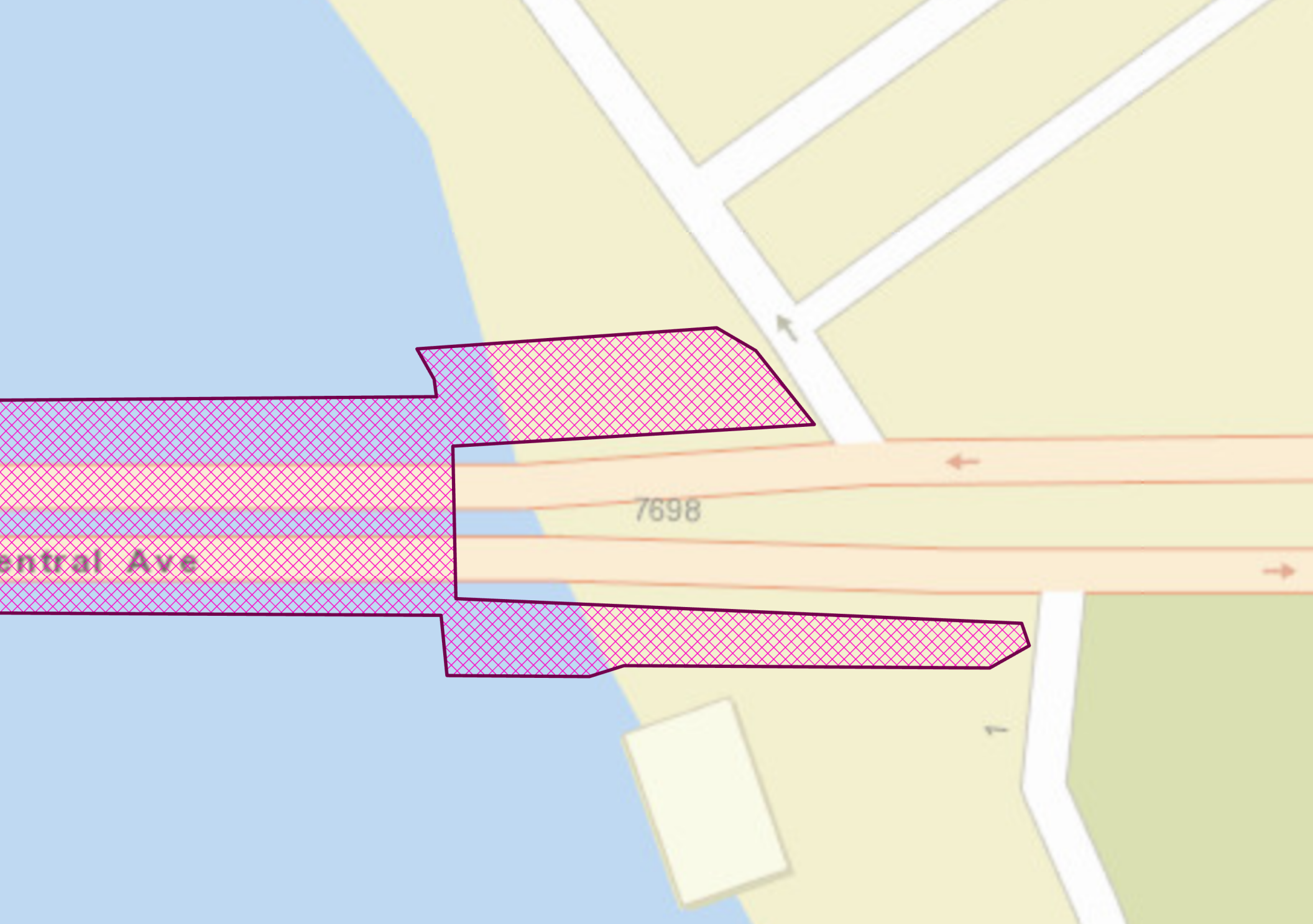

Causeway Maintenance

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Causeway Maintenance

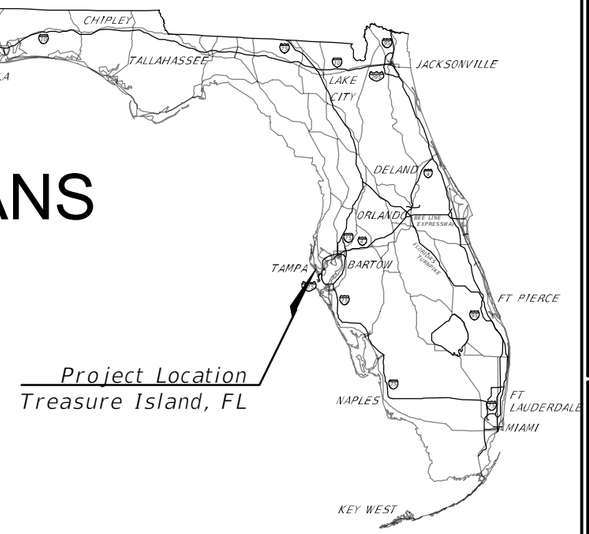


Causeway Maintenance

Legend

Causeway Maintenance

LANDSCAPE PLANS
FOR
TREASURE ISLAND CAUSEWAY MEDIANS
FLORIDA

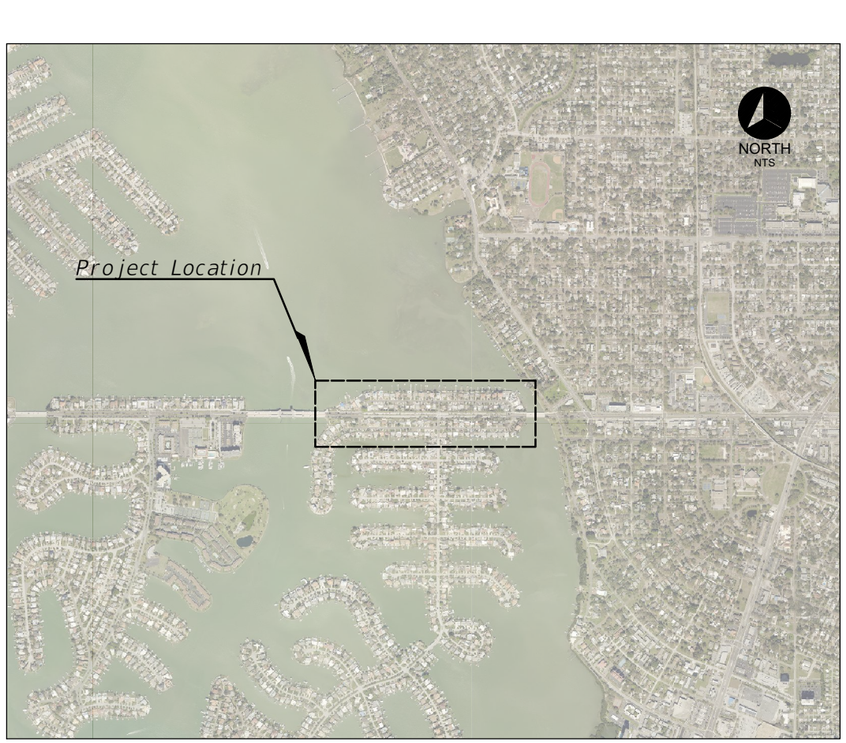


LOCATION MAP

PREPARED FOR:

CITY OF TREASURE ISLAND

120 108TH AVENUE
TREASURE ISLAND, FLORIDA 33706
(727)-547-4575



PROJECT MAP

INDEX OF DRAWINGS

LS-00	COVER SHEET
LS-01	OVERALL LANDSCAPE PLANS
LS-02 - LS-10	LANDSCAPE PLANS
LS-11 - LS-12	LANDSCAPE NOTES
IR-01	OVERALL IRRIGATION PLANS
IR-02 - IR-10	IRRIGATION PLANS
IR-11	IRRIGATION DETAILS

PREPARED BY:

HALFF
1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
www.Halff.com
FL CA 33380 FL LC 26000645

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS
FLORIDA

Prepared For: CITY OF TREASURE ISLAND

HALFF
1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
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Revision No.	Date	Description
1	07/11/2022	Addendum 1 & 2

Seal

LAURA M. DUPLAIN, PLA
License Number 6667408

Project No.:	40825-001
Issued:	MAY 2022
Drawn By:	LMD
Checked By:	MAS
Scale:	NTS

Sheet Title: COVER SHEET

Sheet Number: LS-00

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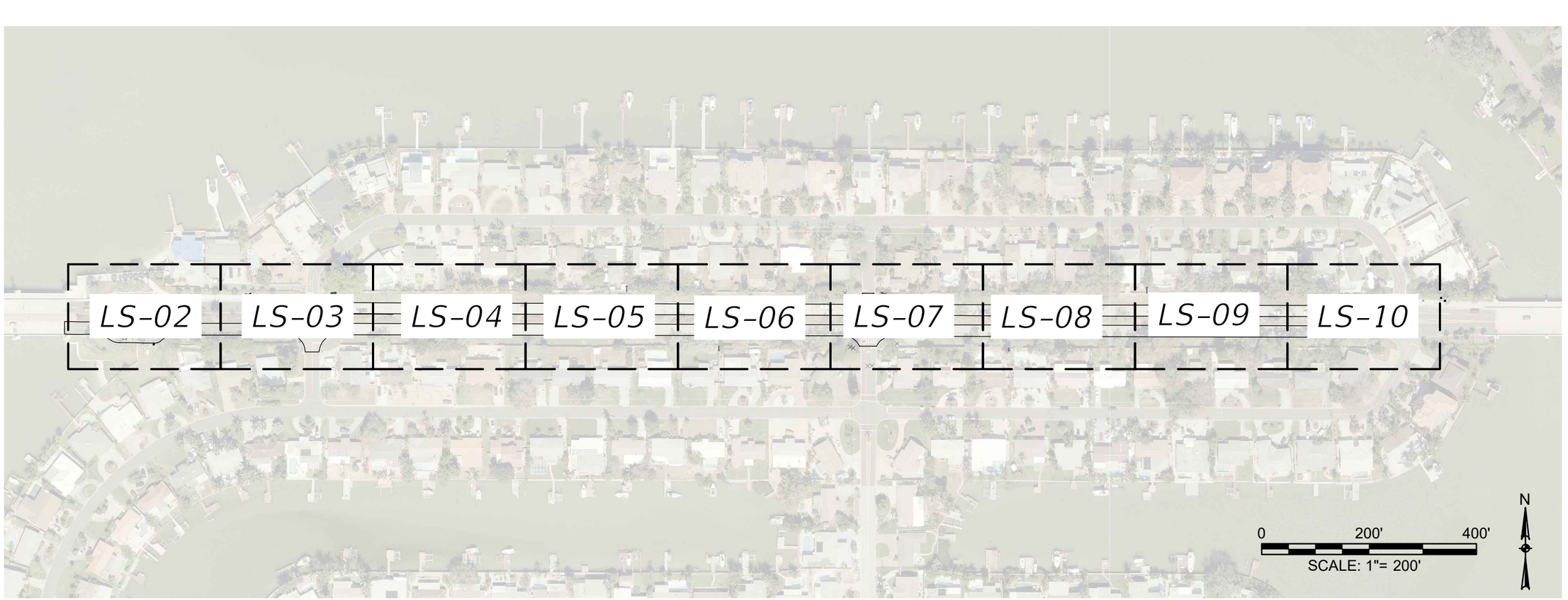

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Project Name
TREASURE ISLAND CAUSEWAY MEDIANS
FLORIDA

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CITY OF TREASURE ISLAND

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LAURA M. DUPLAIN, PLA
License Number 6667408

Project No.:	40825-001
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Sheet Title
OVERALL LANDSCAPE PLANS

Sheet Number
LS-01

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7/11/2022

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0 20' 40'

SCALE: 1"= 20'

IMPORTANT!

1. CONTRACTOR SHALL LOCATE AND STAKE ALL ELECTRICAL CONDUIT, OTHER UNDERGROUND INFRASTRUCTURE, AND PROPOSED PALM LOCATIONS WITHIN MEDIANS PRIOR TO BEGINNING ANY WORK. CONTACT CITY REPRESENTATIVE TO COORDINATE STAKING REVIEW A MINIMUM OF THREE DAYS IN ADVANCE.

NO PROPOSED LANDSCAPE THIS SHEET

MATCHLINE - REFER TO SHEET LS-03

APPROXIMATE R.O.W. LINE, TYP.

EX. GUARDRAIL (TYP)

3-EX. MEDJOOL DATE PALM

EX. LIGHT POLE (TYP)

4' LO

4' LO

5-EX. CRAPE MYRTLE

LIMITS OF CLEAR SIGHT (FDM 212-11) (TYP)

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

CITY OF TREASURE ISLAND OR 11431, PG 2446

OH CATV

18"RCP

2" W

4"RCW

8"S

IRR

FOC

RV

18" FM

6"WF

BE

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

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Phone 813.620.4500 Fax 813.620.4980
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Revision No.	Date	Description

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LAURA M. DUPLAIN, PLA
License Number 6667408

Project No.:	40825-001
Issued:	MAY 2022
Drawn By:	LMD
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Scale:	1" = 20'

Sheet Title

LANDSCAPE PLANS

Sheet Number

LS-02

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IMPORTANT!

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N

0 20' 40'

SCALE: 1"= 20'

MATCHLINE - REFER TO SHEET LS-02

MATCHLINE - REFER TO SHEET LS-04

CAUSEWAY BLVD. N

APPROXIMATE R.O.W. LINE, TYP.

LIMITS OF CLEAR SIGHT (FDM 212-11) (TYP)

4' PVC FENCE

6" PVC

3-EX. CRAPE MYRTLE

EX. LIGHT POLE (TYP)

LANDSCAPE EDGING (TYP.)

EX. IRRIGATION VALVES APPROXIMATE LOCATION

4' LO

(1) Medjool Palm

(39) Agapanthus

(46) Daylily

(136) Joseph`s Coat

NO PROPOSED TREES WITHIN 75' OF INTERSECTION

LANDSCAPE EDGING (TYP.)

MIN. 5' MAINTENANCE CLEARANCE (TYP)

(56) Daylily

(36) Agapanthus

(137) Joseph`s Coat

(8) Pink Muhly

(1) Medjool Palm

(1,007 sf) Citra Blue Sod

EX. DRAINAGE STRUCTURE (TYP)

6' MASONRY WALL

80TH ST. S

6' WF

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS

FLORIDA

Prepared For: CITY OF TREASURE ISLAND

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TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
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Seal

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License Number 6667408

Project No.:	40825-001
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Sheet Title

LANDSCAPE PLANS

Sheet Number

LS-03

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IMPORTANT!

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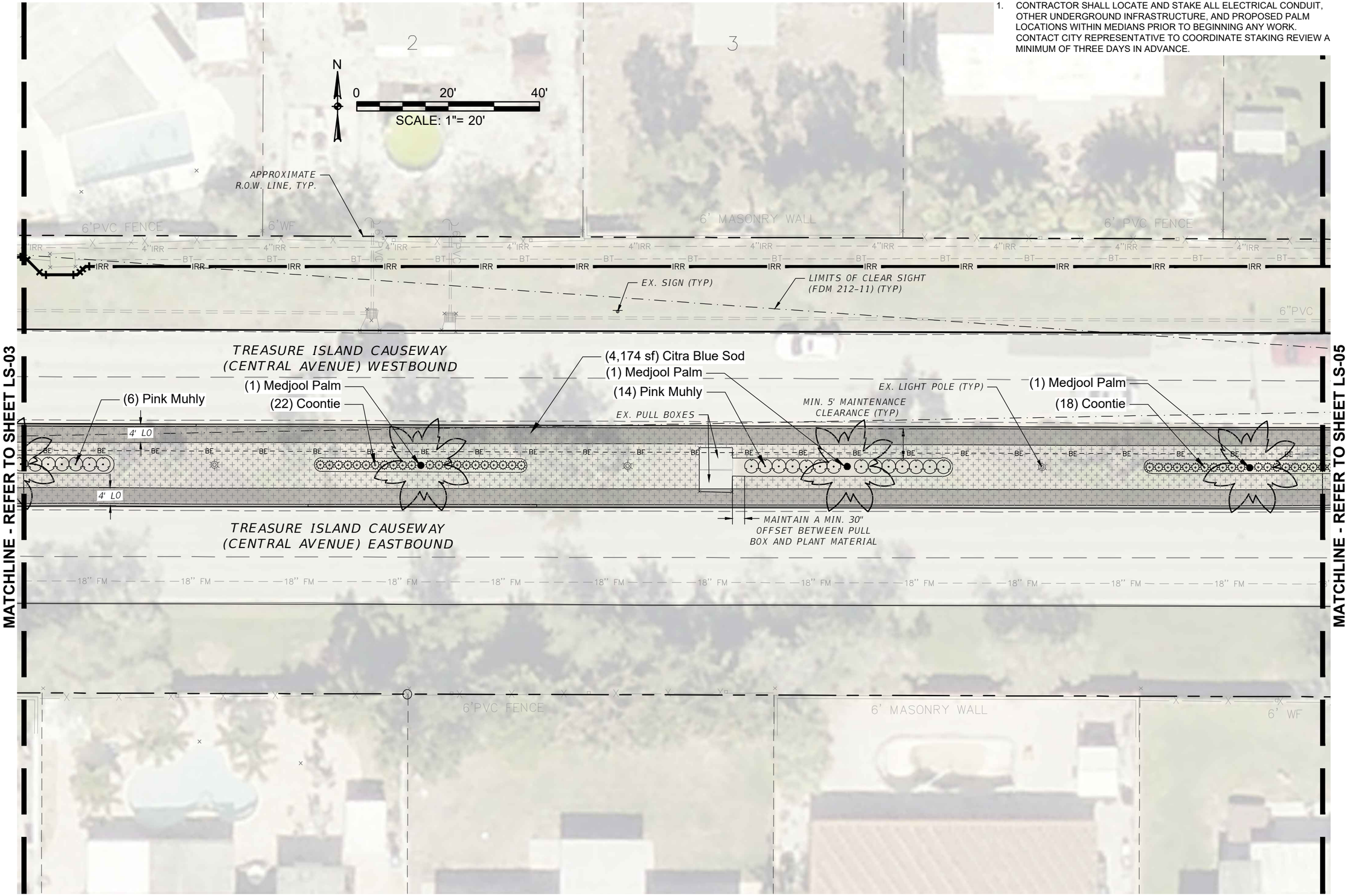

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

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Revision No.	Date	Description

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License Number 6667408

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Checked By:	MAS
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Sheet Title

LANDSCAPE PLANS

Sheet Number

LS-04

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IMPORTANT!

1. CONTRACTOR SHALL LOCATE AND STAKE ALL ELECTRICAL CONDUIT, OTHER UNDERGROUND INFRASTRUCTURE, AND PROPOSED PALM LOCATIONS WITHIN MEDIANS PRIOR TO BEGINNING ANY WORK. CONTACT CITY REPRESENTATIVE TO COORDINATE STAKING REVIEW A MINIMUM OF THREE DAYS IN ADVANCE.

N

0 20' 40'

SCALE: 1"= 20'

MATCHLINE - REFER TO SHEET LS-04

MATCHLINE - REFER TO SHEET LS-06

APPROXIMATE R.O.W. LINE, TYP.

6' PVC FENCE

6'WF

LIMITS OF CLEAR SIGHT (FDM 212-11) (TYP)

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

(1) Medjool Palm
(14) Pink Muhly
(1) Medjool Palm
(22) Coontie
MIN. 5' MAINTENANCE CLEARANCE (TYP)
(4,143 sf) Citra Blue Sod
(1) Medjool Palm
(14) Pink Muhly
(4) Coontie
4' LO

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

EX. LIGHT POLE (TYP)

6' WF

6' MASONRY WALL

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1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
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Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

No.	Revision Date	Description

Seal: LAURA M. DUPLAIN, PLA License Number 6667408

Project No.:	40825-001
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Drawn By:	LMD
Checked By:	MAS
Scale:	1" = 20'

Sheet Title: LANDSCAPE PLANS

Sheet Number: LS-05

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7/11/2022

IMPORTANT!

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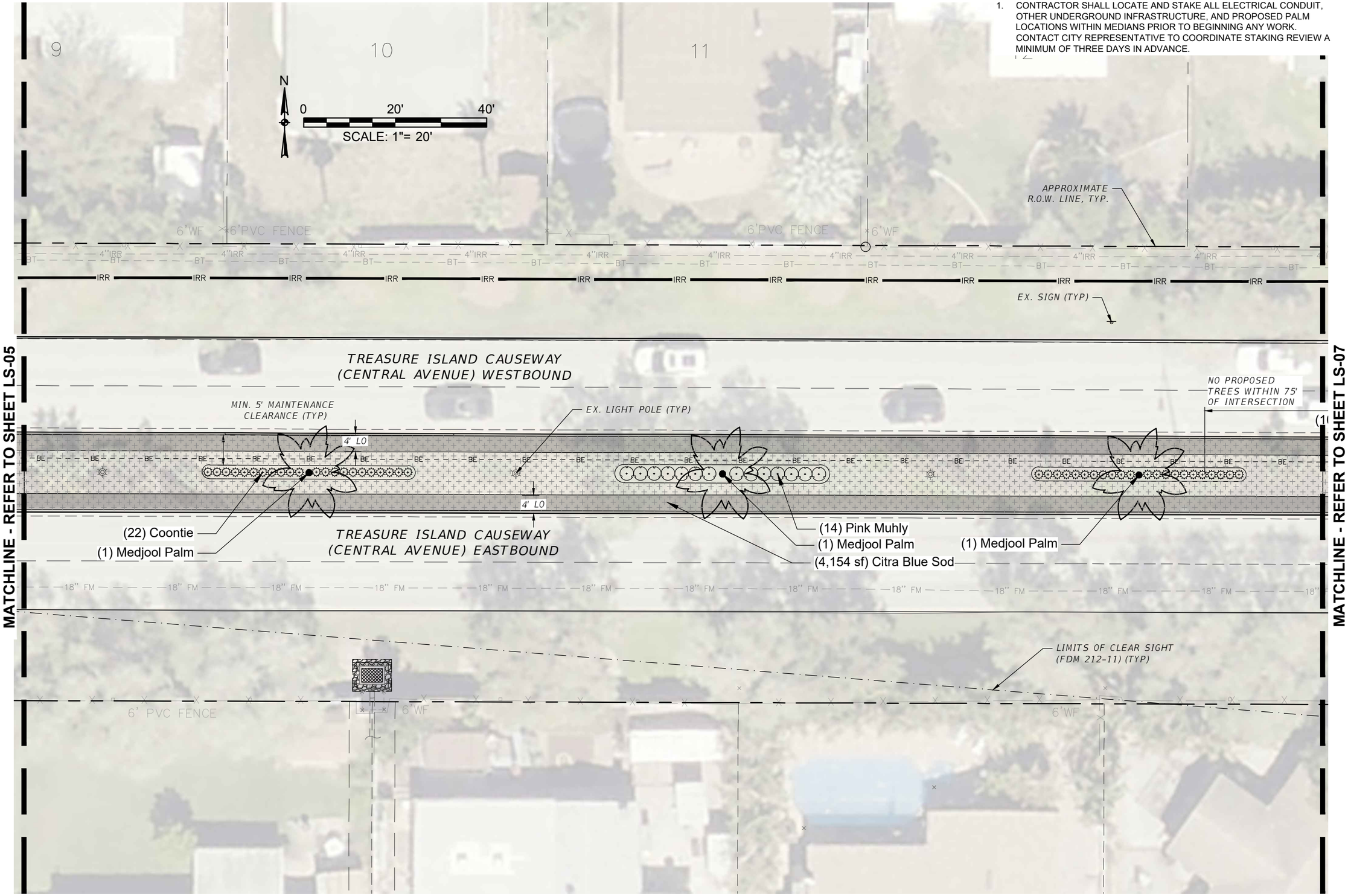

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MATCHLINE - REFER TO SHEET LS-07

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Project Name: TREASURE ISLAND CAUSEWAY MEDIANS
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1000 N. ASHLEY DRIVE, SUITE 900
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Checked By:	MAS
Scale:	1" = 20'

Sheet Title
LANDSCAPE PLANS

Sheet Number
LS-06

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N

0 20' 40'

SCALE: 1"= 20'

79TH ST. N

EX. DRAINAGE STRUCTURE (TYP)

APPROXIMATE R.O.W. LINE, TYP.

LIMITS OF CLEAR SIGHT (FDM 212-11) (TYP)

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

MATCHLINE - REFER TO SHEET LS-06

NO PROPOSED TREES WITHIN 75' OF INTERSECTION

SIGNALIZED INTERSECTION

(106) Joseph`s Coat

LANDSCAPE EDGING (TYP.)

(31) Daylily

(23) Agapanthus

(322 sf) Citra Blue Sod

NO PROPOSED TREES WITHIN 75' OF INTERSECTION

LANDSCAPE EDGING (TYP.)

(172) Joseph`s Coat

(61) Agapanthus

(62) Daylily

(1,184 sf) Citra Blue Sod

(14) Pink Muhly

(1) Medjool Palm

MIN. 5' MAINTENANCE CLEARANCE (TYP)

EX. LIGHT POLE (TYP)

MATCHLINE - REFER TO SHEET LS-08

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

79TH ST. S

6'PVC FENCE

GATE

6'WF

6'PVC FENCE

SIGN

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

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TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
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Revision No.	Date	Description
1	07/11/2022	Addendum 1 & 2

Seal

LAURA M. DUPLAIN, PLA
License Number 0667408

Project No.:	40825-001
Issued:	MAY 2022
Drawn By:	LMD
Checked By:	MAS
Scale:	1" = 20'

Sheet Title: LANDSCAPE PLANS

Sheet Number: LS-07

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7/11/2022

IMPORTANT!

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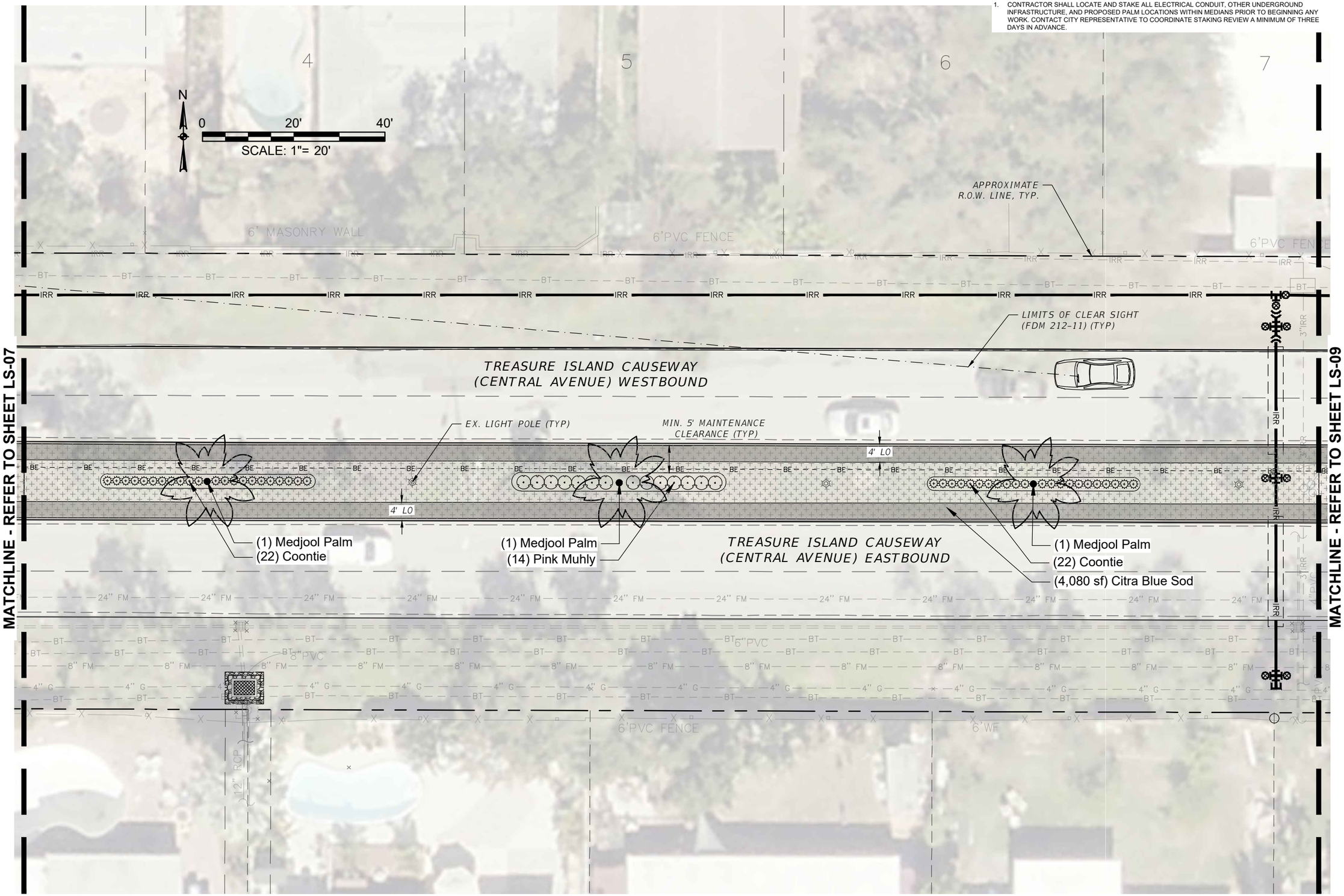

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

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Revision No.	Date	Description

Seal

LAURA M. DUPLAIN, PLA
License Number 6667408

Project No.:	40825-001
Issued:	MAY 2022
Drawn By:	LMD
Checked By:	MAS
Scale:	1" = 20'

Sheet Title: LANDSCAPE PLANS

Sheet Number: LS-08

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Duplain, Laura
12:26:03 PM
7/11/2022

IMPORTANT!

1. CONTRACTOR SHALL LOCATE AND STAKE ALL ELECTRICAL CONDUIT, OTHER UNDERGROUND INFRASTRUCTURE, AND PROPOSED PALM LOCATIONS WITHIN MEDIANS PRIOR TO BEGINNING ANY WORK. CONTACT CITY REPRESENTATIVE TO COORDINATE STAKING REVIEW A MINIMUM OF THREE DAYS IN ADVANCE.

N

0 20' 40'

SCALE: 1"= 20'

8 9 10 11

APPROXIMATE R.O.W. LINE, TYP.

6'WF 6'WF 6'PVC FENCE

MATCHLINE - REFER TO SHEET LS-08

MATCHLINE - REFER TO SHEET LS-10

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

(4,007 sf) Citra Blue Sod

(1) Medjool Palm

(14) Pink Muhly

MIN. 5' MAINTENANCE CLEARANCE (TYP)

4' LO

(14) Pink Muhly (4) Coontie

(1) Medjool Palm

(22) Coontie

EX. LIGHT POLE (TYP)

(1) Medjool Palm

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

LIMITS OF CLEAR SIGHT (FDM 212-11) (TYP)

6"PVC 6"PVC

6'WF 6'PVC FENCE

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

HALFF
1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
www.Halff.com
FL LC 26000645
FL CA 33380

Revision No.	Date	Description

Seal

LAURA M. DUPLAIN, PLA
License Number 6667408

Project No.:	40825-001
Issued:	MAY 2022
Drawn By:	LMD
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Scale:	1" = 20'

Sheet Title: LANDSCAPE PLANS

Sheet Number: LS-09

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Dustin_Lewis
12:29:07 PM
7/11/2022

IMPORTANT!

1. CONTRACTOR SHALL LOCATE AND STAKE ALL ELECTRICAL CONDUIT, OTHER UNDERGROUND INFRASTRUCTURE, AND PROPOSED PALM LOCATIONS WITHIN MEDIANS PRIOR TO BEGINNING ANY WORK. CONTACT CITY REPRESENTATIVE TO COORDINATE STAKING REVIEW A MINIMUM OF THREE DAYS IN ADVANCE.

N

0 20' 40'

SCALE: 1"= 20'

MATCHLINE - REFER TO SHEET LS-09

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

CAUSEWAY BLVD. N

CAUSEWAY BLVD. S

APPROXIMATE R.O.W. LINE, TYP.

EX. LIGHT POLE (TYP)

MIN. 5' MAINTENANCE CLEARANCE (TYP)

NO PROPOSED TREES WITHIN 75' OF INTERSECTION

LANDSCAPE EDGING (TYP.)

LIMITS OF CLEAR SIGHT (FDM 212-11) (TYP)

4' LO

(18) Coontie
(1,669 sf) Citra Blue Sod

(1) Medjool Palm

(1) Medjool Palm
(14) Pink Muhly

(70) Joseph`s Coat
(31) Agapanthus

1-EX. MEDJOOL DATE PALM

(63) Daylily
(116) Joseph`s Coat

6'PVC FENCE

6'WF

12

13

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7/11/2022 12:26:13 PM Duplain, Laura

Project Name
TREASURE ISLAND CAUSEWAY MEDIANS
FLORIDA

Prepared For
CITY OF TREASURE ISLAND

HALFF
1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
www.Halff.com
FL CA 33380 FL LC 26000645

Revision No.	Date	Description
1	07/11/2022	Addendum 1 & 2

Seal
LAURA M. DUPLAIN, PLA
License Number 0667408

Project No.:	40825-001
Issued:	MAY 2022
Drawn By:	LMD
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Sheet Title
LANDSCAPE PLANS

Sheet Number
LS-10

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GENERAL LANDSCAPE NOTES

1. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROJECT SITE CONDITIONS AND DETERMINING REQUIRED QUANTITIES AND AVAILABILITY OF ALL MATERIALS PRIOR TO BIDDING. QUANTITIES ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. IF ANY DISCREPANCIES OCCUR BETWEEN QUANTITIES CALLED FOR ON THE PLANT LIST AND THOSE INDICATED ON THE DRAWINGS, THE DRAWINGS SHALL GOVERN.
2. PRIOR TO COMMENCEMENT OF CONSTRUCTION, CONTRACTOR SHALL INSPECT PLANTING AREAS AND VERIFY THAT NO OBJECTIONABLE MATERIALS OR OBSTRUCTIONS ARE PRESENT. PRESENT FINDINGS TO OWNER'S REPRESENTATIVE FOR APPROVAL. ALL EXISTING PLANTING SHALL REMAIN INTACT AND UNDISTURBED UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL EXISTING SITE FURNISHINGS, PAVING, LANDSCAPE, AND OTHER ELEMENTS TO REMAIN SHALL BE PROTECTED FROM ANY DAMAGE UNLESS OTHERWISE NOTED.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ADJACENT IMPROVEMENTS FROM DAMAGE AND EROSION INCLUDING BUT NOT LIMITED TO EXISTING PLANT MATERIAL, GRADES, SIDEWALKS, SITE FURNISHINGS, CURBS, AND UTILITIES. ANY ADJACENT IMPROVEMENT DAMAGED DURING CONSTRUCTION SHALL, AT A MINIMUM, BE RESTORED TO A STATE EQUAL TO ITS PRE-CONSTRUCTION STATE AT THE CONTRACTOR'S EXPENSE. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR SODDING ALL AREAS DISTURBED BY OTHER CONTRACTORS OR BY LANDSCAPE INSTALLATION, PROVIDING EROSION CONTROL, AND WORK PERFORMED.
4. IN GENERAL, THE WORK SHALL PROCEED AS RAPIDLY AS THE SITE BECOMES AVAILABLE, WORKING ON (1) MEDIAN AT A TIME. CONTRACTOR TO COORDINATE PROJECT SCHEDULE WITH OWNER'S REPRESENTATIVE. WORK TO BEGIN WITHIN 5 DAYS OF RECEIPT OF NOTICE TO PROCEED AND WILL HAVE 120 DAYS TO COMPLETE CONSTRUCTION. PROCUREMENT ISSUES OUTSIDE OF CONTRACTOR'S CONTROL MAY RESULT IN AN EXTENSION WITH SUPPORTING DOCUMENTATION TO THE OWNER FOR WRITTEN APPROVAL.
5. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE WORK, AND SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
6. THE LANDSCAPE CONTRACTOR SHALL COORDINATE CONSTRUCTION OF PLANTING AREAS WITH HARDSCAPE, ELECTRICAL, AND IRRIGATION WORK.
7. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY HOISTING EQUIPMENT NECESSARY FOR THE PLACEMENT OF PLANT MATERIAL.
8. CONTRACTOR MUST PROTECT HARDSCAPE AND NEW ASPHALT FROM ALL DAMAGE INCLUDING COSMETIC. PADS MUST BE USED BENEATH HEAVY EQUIPMENT TO PREVENT DAMAGE ALONG WITH ANY OTHER PRECAUTIONS AS NEEDED. ANY DAMAGES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
9. COLLECT SOIL SAMPLES AT A MINIMUM OF 3 PLANTING LOCATIONS THROUGHOUT THE PROJECT. SUBMIT TESTING LOCATIONS TO OWNER'S REPRESENTATIVE PRIOR TO TAKING SAMPLES. SAMPLES SHALL BE SENT TO AN APPROVED AGRONOMIC SOILS TESTING LABORATORY, STATING PROPOSED PLANT MATERIAL AT EACH TEST LOCATION. ANALYSIS SHALL INCLUDE, AT A MINIMUM, PH, NPK, ORGANIC CONTENT, TEXTURE, AND SOLUBLE SALTS. SUBMIT RESULTS/RECOMMENDATIONS AND PROPOSED FERTILIZER ANALYSIS/AMENDMENTS TO OWNER'S REPRESENTATIVE. COSTS OF FERTILIZER AND AMENDMENTS ARE TO BE INCLUDED IN THE COST OF THE PROJECT.
10. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING THE CONDITION OF UNDERGROUND UTILITIES THAT AFFECT PLANTING PROCEDURES. IF ANY CONFLICTS OCCUR BETWEEN PROPOSED LOCATION OF TREES ON THE DRAWINGS AND ANY UNDERGROUND, SUBSURFACE, OR OVERHEAD UTILITIES OR STRUCTURES THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATIONS AND PROTECTION OF ALL EXISTING UTILITIES SHOWN OR NOT SHOWN, AND ALL PROPOSED UTILITIES ON THESE DRAWINGS.
11. IF THE LANDSCAPE CONTRACTOR DAMAGES ANY STAKED OR IN PLACE UTILITIES OR STRUCTURES BY HIS OWN NEGLIGENCE THEY SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
12. THE LANDSCAPE CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, NOTES, AND THE LANDSCAPE SCHEDULE FOR COMPLETE LANDSCAPE INSTALLATION INSTRUCTIONS. NOTIFY OWNER'S REPRESENTATIVE OF ANY AND ALL DISCREPANCIES PRIOR TO CONSTRUCTION OR INSTALLATION.
13. THE LANDSCAPE CONTRACTOR SHALL RE-GRADE ALL AREAS DISTURBED BY PLANT REMOVAL, RELOCATION, AND/OR INSTALLATION WORK. ANY DAMAGED PLANT MATERIAL SHALL BE REPLACED WITH PLANTS OF SAME SPECIES (MIN 12' HT, 3" CAL, 6' CT) EQUALING THE TOTAL DIAMETER BREAST HEIGHT(DBH) OF THE DAMAGED TREE AND SHALL BE SUBJECT TO ALL REQUIREMENTS HEREIN.
14. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING ALL NEWLY INSTALLED PLANT MATERIAL AS NEEDED TO MAINTAIN HEALTH AND VIGOR THROUGHOUT INSTALLATION AND UNTIL THE PROJECT IS FORMALLY ACCEPTED BY THE OWNER REGARDLESS OF THE STATUS OF EXISTING OR PROPOSED IRRIGATION AND/OR RAINFALL.

DAMAGES AND WARRANTY:

1. ALL PLANT MATERIAL, INCLUDING TRANSPLANTED PLANT MATERIAL, SHALL BE GUARANTEED AT OR ABOVE THE SPECIFIED CONDITIONS THROUGH SUBSTANTIAL COMPLETION AND UNTIL THE END OF THE (1) YEAR WARRANTY PERIOD. MAINTENANCE SHALL BE PROVIDED BY THE LANDSCAPE CONTRACTOR THROUGHOUT INSTALLATION AND UNTIL THE PROJECT IS FORMALLY ACCEPTED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER A MINIMUM OF (5) BUSINESS DAYS TO SCHEDULE A REVIEW OF COMPLETED INSTALLATION OF PLANTS AND IRRIGATION. AFTER WHICH THE LANDSCAPE CONTRACTOR WILL COORDINATE MAINTENANCE WITH OWNER'S REPRESENTATIVE. DECLINE IN CONDITION OF PLANT MATERIAL DURING INSTALLATION AND/OR WARRANTY PERIOD SHALL BE GROUNDS FOR REJECTION AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
2. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-STAKING OF TREES DURING THE WARRANTY PERIOD. IF NECESSARY, MAXIMUM TOLERANCE FROM VERTICAL SHALL BE 3 DEGREES. GUYING / STAKING PRACTICES SHALL NOT PERMIT NAILS, SCREWS, WIRES ETC., TO PENETRATE OUTER SURFACE OF TREES OR PALMS. TREES OR PALMS REJECTED DUE TO THIS PRACTICE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
3. THE OWNER AND/OR THE OWNER'S REPRESENTATIVE HAS THE RIGHT TO REJECT ANY AND ALL WORK WHICH DOES NOT MEET WITH THE REQUIREMENTS OF THE SPECIFICATIONS AT ANY STAGE OF THE PROJECT. CONTRACTOR TO REPLACE REJECTED PLANT MATERIAL WITHIN ONE WEEK (5 BUSINESS DAYS) OF NOTICE.
4. CONTRACTOR TO REQUEST INSPECTION OF PROJECT IN WRITING TO OWNERS REPRESENTATIVE. IF ALL WORK IS SATISFACTORY AND COMPLETE IN ACCORDANCE WITH CONDITIONS OF CONTRACT DOCUMENTS, THEN THE OWNER AND/OR THEIR REPRESENTATIVE SHALL DECLARE THE PROJECT TO BE SUBSTANTIALLY COMPLETE. SUBSTANTIAL COMPLETION CONSTITUTES THE BEGINNING OF THE 1 YEAR WARRANTY PERIOD.
5. THE CITY OF TREASURE ISLAND SHALL REMOVE ALL PLANT SAUCERS, GRADE SMOOTH, AND REMOVE PLANTING STAKES FROM SITE AFTER THE (1) YEAR WARRANTY PERIOD.

PROJECT SUBMITTALS:

1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL FOR ALL PROPOSED MATERIALS INCLUDING BUT NOT LIMITED TO PLANTS, STAKING, SOIL AMENDMENTS, FERTILIZER, MULCH, ETC. PRIOR TO PURCHASING. CONTRACTOR SHALL PROVIDE REPRESENTATIVE SAMPLES OF ALL PLANT MATERIAL ON-SITE FOR REVIEW BY OWNER'S REPRESENTATIVE; NOTIFY OWNER'S REPRESENTATIVE OF INSPECTION A MINIMUM OF 3 BUSINESS DAYS PRIOR TO INSPECTION. IF APPROVED BY OWNER'S REPRESENTATIVE, THEN DATED AND SCALED COLOR PHOTOGRAPHS MAY ALSO BE SUBMITTED.
2. ALL PROJECT SUBMITTALS MUST BE COMPLETED AND COMPILED IN AN EASILY REPRODUCIBLE FORM. SUBMITTAL SHEETS THAT ARE NOT LEGIBLE AND REPRODUCIBLE WILL BE REJECTED. SUBMITTALS SHEETS THAT DO NOT CLEARLY IDENTIFY THE PRODUCTS OR MATERIALS SELECTED WILL BE REJECTED.
3. CONTRACTOR SHALL SUBMIT TO THE OWNER'S REPRESENTATIVE THE GROWER'S AND/OR STATE INSPECTION CERTIFICATE FOR PLANT MATERIAL TWO (2) WEEKS PRIOR TO COMMENCEMENT OF WORK.
4. PRODUCTS INSTALLED ON THE PROJECT SITE THAT ARE NOT CONSISTENT WITH THE PROJECT SUBMITTALS WILL BE REMOVED AND REPLACED WITH THE PRODUCTS IDENTIFIED IN THE PROJECT SUBMITTAL PACKAGE AT THE CONTRACTORS EXPENSE.
5. PRIOR TO ISSUING SUBSTANTIAL COMPLETION NOTICE THE CONTRACTOR SHALL SUBMIT TO THE OWNER THREE (3) COPIES OF AS BUILT PLANS/DOCUMENTS AND THREE (3) COPIES OF AN ANNUALIZED MAINTENANCE AND OPERATION MANUAL DETAILING ALL SCHEDULES, NURSERY PRACTICES, WATERING REQUIREMENTS, FERTILIZATION, TRIMMING, ETC., FOR ALL PLANT MATERIALS AND PLANT AREAS OF THE PROJECT.

SITE REQUIREMENTS:

1. CONTRACTOR SHALL AGREE TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN THE CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER.
2. CONTRACTOR TO SUBMIT MAINTENANCE OF TRAFFIC (MOT) PLANS TO THE OWNER FOR WRITTEN APPROVAL. THE OWNER MUST BE NOTIFIED (5) BUSINESS DAYS IN ADVANCED OF ANY WORK REQUIRING LANE CLOSURES.
3. LANDSCAPE HOLDING AREA, INGRESS, EGRESS, AND SITE ACCESS SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL NOT DISTURB OR IMPEDE ACCESS TO THE SITE BY OTHERS.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DAILY CLEANUP OF PREMISES AND REMOVAL OF DISCARDED OR SURPLUS MATERIALS AND RUBBISH IN A LAWFUL MANNER. ANY OPEN PITS OR TRENCHES SHALL BE COMPLETELY AND THOROUGHLY BARRICADED DURING THE WORKDAY AND COMPLETELY FILLED IN AT THE END OF EACH WORKDAY. ALL MATERIALS, PRODUCTS, AND EQUIPMENT REMAINING ON SITE AT THE END OF THE WORK DAY SHALL BE STORED IN AN ORGANIZED FASHION IN THE AREA DESIGNATED BY THE OWNER'S REPRESENTATIVE.
5. CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES FOR AREAS WITHIN AND ADJACENT TO THE PROJECT LIMITS. ANY EROSION CONTROL PROVIDED SHALL BE MAINTAINED AND MONITORED BY THE CONTRACTOR DURING CONSTRUCTION, AND REMOVED ONCE THE PROJECT IS FORMALLY ACCEPTED BY THE OWNER.
6. ALL CONTRACTORS AND SUBCONTRACTORS SHALL HAVE A SET OF APPROVED CONSTRUCTION DOCUMENTS ON SITE AT ALL TIMES.
7. DURING CONSTRUCTION, CREWS ARE REQUIRED TO HAVE AT LEASE ONE (1) ENGLISH SPEAKING PERSON ON SITE.

PLANT MATERIAL NOTES

1. ALL PLANT MATERIAL SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS SPECIFIED IN GRADES AND STANDARDS FOR NURSERY PLANTS PARTS I AND II, DIVISION OF PLANT INDUSTRY, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, LATEST EDITION, AND SHALL CONFORM TO CURRENT AMERICAN ASSOCIATION OF NURSERYMAN STANDARDS FOR NURSERY STOCK.
2. CONTAINER GROWN PLANTS: A MINIMUM OF 80% OF THE CONTAINER ROOTBALL MUST BE BOUND BY THE ROOT SYSTEM. ENCIRCLING OR "RING" ROOTS ARE PROHIBITED AND PLANTS WILL BE REJECTED.
3. ALL SOD SHALL BE WEED AND WEED SEED FREE, WITH A 2" THICKNESS OF ROOTS CAPABLE OF HOLDING SAND. SOD SHALL BE FRESHLY-CUT WITHIN TWENTY-FOUR (24) HOURS OF LAYING AND LAID WITH TIGHTLY-BUTTED JOINTS. HAND RAKING SHALL BE DONE AS NECESSARY TO ENSURE PROPER EVEN GRADES AND CLEAR SURFACES FOR SOD. STAKING OF SOD SHALL BE DONE AS NECESSARY TO PREVENT MOVEMENT OF MATERIAL.
4. ALL PLANT MATERIAL SHALL BE PROTECTED DURING TRANSPORT AND DELIVERY TO JOB SITE WITH SHADE CLOTH OR OTHER ACCEPTABLE MEANS OF WINDBURN PREVENTION.
5. SUBSTITUTION OF PLANT MATERIALS WILL NOT BE PERMITTED UNLESS AUTHORIZED BY THE OWNER'S REPRESENTATIVE; ALL SUBSTITUTIONS MUST MEET MINIMUM SPECIFICATIONS ON THE PLANT LIST.
6. SUBSTITUTION OF FIELD GROWN TREES FOR TREES THAT ARE SPECIFIED AS CONTAINER GROWN WILL NOT BE PERMITTED UNLESS OTHERWISE APPROVED BY THE OWNER'S REPRESENTATIVE. IF SUBSTITUTION IS APPROVED, ALL PLANT SPECIFICATIONS WILL APPLY TO APPROVED BALLED AND BURLAPPED MATERIAL.
7. NEW PLANT MATERIAL TO BE INSTALLED WILL BE FIELD ADJUSTED TO ACCOMMODATE EXISTING PLANT MATERIAL SUCH AS OVERHEAD CANOPY TREES, UNDERSTORY TREES AND SHRUBS OR GROUND COVER. THIS WILL INSURE EXISTING PLANT MATERIAL TO REMAIN IN ITS NATURAL STATE. THEREFORE, NO EXISTING PLANT MATERIAL WILL BE ALTERED BY REMOVING, CUTTING, TRIMMING OR DESTROYING IN ORDER TO INSTALL NEW PLANT MATERIAL.
8. ALL TREES SHALL BE LOCATED AT LEAST SIX FEET AWAY FROM THE CENTERLINE OF SWALES AND FROM PROPOSED STORMWATER INLETS.

PLANTING:

1. TREES GROWN IN GROW BAGS OR GROW BAG TYPE MATERIAL MUST HAVE THE GROW BAG REMOVED ENTIRELY PRIOR TO PLANTING.
2. BALLED AND BURLAPPED OR ANY BASKETED MATERIAL SHALL HAVE THE TOP ONE THIRD (1/3) OF DEGRADABLE BURLAP AND TOP ONE THIRD (1/3) OF WIRE CAGE PULLED BACK AND REMOVED FROM THE BASE OF THE TRUNK. STRAPS MUST BE CUT AND REMOVED ENTIRELY PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL ENSURE THAT ALL PLANT BEDS CONTAIN THE PROPER AMOUNT OF PLANTS BASED ON SPACING REQUIREMENT LISTED BY SPECIES WITHIN THE PLANT SCHEDULE, REGARDLESS OF THE QUANTITY SHOWN IN THE PLANS AND BID SCHEDULE.
4. ALL NEW PLANTS MUST HAVE ANY WEEDS GROWING WITHIN THE POTS REMOVED AND DISCARDED IN A LAWFUL MANNER PRIOR TO INSTALLATION.

EXISTING TO REMAIN PLANT CARE

1. FLAG ALL TREES AND PALMS TO BE SAVED IN PLACE. PROVIDE BARRICADING IN ACCORDANCE WITH LOCAL STANDARDS AROUND TREES AND PALMS TO BE SAVED IN PLACE PRIOR TO SITE DEMOLITION.
2. ALL WORK INVOLVING EXISTING TREES TO REMAIN SHALL BE UNDERTAKEN IN THE PRESENCE OF A REGISTERED ARBORIST. ALL TREES AND PALMS TO BE SAVED SHALL BE EXAMINED FOR DAMAGE, DISEASE AND INSECT INFESTATION. PARTS OF THE TREE SHOWING THESE CONDITIONS SHALL BE TREATED OR PRUNED IN ACCORDANCE WITH THE ARBORISTS RECOMMENDATIONS. REMOVE ALL DEAD LIMBS AND VINES.
3. ROOT PRUNE ALL TREES TO BE SAVED PER DRAWINGS PRIOR TO GRADING AROUND TREES.
4. TREAT ALL CUTS WITH A FUNGICIDAL BARRIER. BACKFILL THE TRENCH, WITHIN 4 HOURS OF DIGGING, WITH A 1:1 MIXTURE OF SITE SOIL AND SAWDUST OR OTHER FINE ORGANIC MATERIAL. DO NOT COMPACT.
5. FERTILIZE THE PLANT AS DIRECTED BY THE CONSULTING ARBORIST.

PLANTING AREA PREPARATION NOTES

1. THE CONTRACTOR SHALL REMOVE ALL EXISTING GRASS, WEEDS, VEGETATION, AND STUMPS WITHIN PROPOSED PLANTING AREAS AND STAKE LOCATIONS AND LIMITS OF TREES, PLANTING BEDS, AND SOD AREAS TO REFLECT PLANS TO GREATEST EXTENT POSSIBLE. COORDINATE WITH OWNER'S REPRESENTATIVE TO INSPECT STAKING LOCATIONS AND LIMITS ON SITE. PROVIDE MINIMUM 5 BUSINESS DAYS ADVANCE NOTIFICATION OF PROPOSED INSPECTION. CONTRACTOR SHALL MAKE MODIFICATIONS AS MAY BE REQUESTED.
2. WORK WITHIN 15' OF EXISTING TREES TO REMAIN SHALL BE PERFORMED USING HAND TOOLS. ANY DISTURBED ROOTS SHALL BE SEVERED USING CLEAN AND SHARP TOOLS.
3. CITY OF TREASURE ISLAND PROHIBITS THE USE OF ANY AND ALL HERBICIDES, CONTRACTOR SHALL USE OTHER ACCEPTABLE PRACTICES TO PREPARE PLANTING AREAS.
4. FOR PROPOSED INDIVIDUAL TREE PLANTING PITS
   TURF TO BE REMOVED SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS, SEEDS, DEBRIS, ETC. EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER. TURF SHALL BE THOROUGHLY REMOVED PRIOR TO THE PLANTING AND BACKFILL PROCESS. INSTALL TREES AS DETAILED. ESTABLISH FINISHED GRADE WITHIN 1" BELOW SURROUNDING TURF OR HARDSCAPE.
   TO ASSURE DRAINAGE/PERCOLATION OF INDIVIDUAL TREE PLANTING PITS PRIOR TO INSTALLATION, CONTRACTOR SHALL FILL SAMPLE TREE PITS (1 IN 5) WITH WATER AND OBSERVE PERCOLATION. HOLES SHALL PERCOLATE IN 30 MINUTES OR LESS. BRING DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
   INSTALL BACKFILL MIXTURE IN LIFTS AND TAMP LIGHTLY AROUND EACH AND EVERY PLANT. THOROUGHLY FLUSH WITH WATER AT EACH LIFT AND MAKE ADJUSTMENTS TO PROVIDE PROPERLY SET PLANT MATERIAL WITH THE TOP OF ROOTBALL 1"-2" ABOVE FINISHED GRADE.
5. FOR PROPOSED PLANTING AREAS
   TURF TO BE REMOVED SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS, SEEDS, DEBRIS, ETC. EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER. TURF SHALL BE THOROUGHLY REMOVED TO A DEPTH OF 4" PRIOR TO THE PLANTING PROCESS. BEFORE INSTALLING TOPSOIL, RAKE SUBSOIL SURFACE CLEAR OF STONES (1 INCH DIAMETER AND LARGER), DEBRIS, RUBBISH, DELETERIOUS MATERIALS. CONTAMINATED SOILS SHALL BE REMOVED AND REPLACED TO THEIR FULL DEPTHS AND EXTENTS. INSTALL TOPSOIL AT 6" DEPTH. TILL TOPSOIL AND EXISTING SUBSOIL TO A DEPTH OF 12". INSTALL PLANTINGS AS DETAILED. ESTABLISH GRADES INSURING POSITIVE FLOWS AND AESTHETIC LANDFORM SHAPES SHOWN IN THE GRADING PLANS.
6. FOR PROPOSED SOD AREAS
   TURF TO BE REMOVED SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS, SEEDS, DEBRIS, ETC. EXCAVATED MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER. TURF SHALL BE THOROUGHLY REMOVED PRIOR TO THE PLANTING AND BACKFILL PROCESS. INSTALL TOPSOIL AT 2" DEPTH. TOPSOIL SHALL ESTABLISH FINISHED GRADE AT 2" BELOW EXISTING TURF OR HARDSCAPE. INSTALL SOD AS DETAILED. BUTT SOD PIECES TOGETHER CLOSELY AND ENSURE EDGES ARE TRIMMED EVENLY. ENSURE EXISTING GRADES ARE RE-ESTABLISHED FOR A FLUSH TRASITION.
7. AN EVEN, WELL DEFINED LINE SHALL SEPARATE PLANTING FROM ALL SOD AREAS.
8. BACKFILL MIXTURE FOR TREES SHALL CONSIST OF 25% COARSE SAND, 25% "BLENDED SOIL" OR EQUAL, AND 50% EXISTING SOIL.
   BACKFILL MIXTURE FOR PALMS SHALL BE 50% COARSE SAND AND 50% EXISTING SOIL (DO NOT USE "BLENDED SOIL").
   DISCARD REMAINING SOIL IN A LAWFUL MANNER. ALL PLANTING BACKFILL MIXTURES ARE SUBJECT TO APPROVAL BY THE OWNER'S REPRESENTATIVE. MIX THOROUGHLY PRIOR TO INSTALLATION ACCORDING TO THE FOLLOWING SCHEDULE:

1 GALLON:	0.003 CY (0.08 CF)	COARSE SAND AND 0.003 CY (0.08 CF) "BLENDED SOIL"
3 GALLON:	0.006 CY (0.16 CF)	COARSE SAND AND 0.006 CY (0.16 CF) "BLENDED SOIL"
7 GALLON:	0.015 CY (0.4 CF)	COARSE SAND AND 0.015 CY (0.4 CF) "BLENDED SOIL"
PALM	0.51 CY (13.8 CF)	COARSE SAND (DO NOT ADD "BLENDED SOIL")

   "BLENDED SOIL" SHALL CONSIST OF: 1/3 MUSHROOM COMPOST OR PEAT, 1/3 COMMERCIALLY PROCESSED AND COMPOSTED COW MANURE AND 1/3 COMPOSTED BARK. SUBMIT PRODUCT SAMPLE/DATA SHEET FOR BLENDED SOIL COMPONENTS TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION.
9. TOPSOIL IMPORTED TO THE SITE SHALL BE SIEVED TOPSOIL, FREE OF ROCKS AND DEBRIS. CONTRACTOR SHALL SUBMIT SOIL ANALYSIS RESULTS FROM AN APPROVED AGRONOMIC SOILS TESTING LABORATORY FOR A MINIMUM OF PH, ORGANIC CONTENT, SOLUBLE SALTS, AND TEXTURE WITH A STATEMENT OF SUITABILITY FOR ST. AUGUSTINE SOD AND SHRUBS/GRASSES. TOPSOIL SHALL BE FREE OF DELETERIOUS MATERIALS THAT WOULD BE HARMFUL TO PLANT GROWTH, SHALL BE FREE OF NEMATODES, SHALL BE OF UNIFORM QUALITY AND SHALL HAVE A PH VALUE BETWEEN 6.5 AND 7.5 (AS DETERMINED IN ACCORDANCE WITH ASTM E70). PEAT SHALL BE STERILIZED TO MAKE FREE OF ALL VIABLE NUT GRASS AND OTHER UNDESIRABLE WEEDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE SUITABILITY FOR GROWTH OF ALL PROPOSED PLANT MATERIAL. SUBMIT PRODUCT SAMPLE/DATA SHEET FOR TOPSOIL TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO PURCHASE AND INSTALLATION.
   LANDSCAPE CONTRACTOR SHALL BEAR FINAL RESPONSIBILITY FOR PROPER SURFACE DRAINAGE OF PLANTED AREAS. FINISH GRADE ALL PREPARED TOPSOIL AREAS TO A SMOOTH, EVEN SURFACE ENSURING A MINIMUM 3% POSITIVE DRAINAGE AWAY FROM STRUCTURES AND ELIMINATE ANY LOW AREAS WHICH MAY COLLECT WATER. ANY DISCREPANCY IN THE DRAWINGS, OBSTRUCTION ON THE SITE, OR PRIOR WORK DONE BY ANOTHER PARTY WHICH THE LANDSCAPE CONTRACTOR FEELS PRECLUDES ESTABLISHING PROPER DRAINAGE SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF OWNER'S REPRESENTATIVE.
10. INSTALL FERTILIZER PER MANUFACTURER RECOMMENDATIONS. CONTRACTOR SHALL CONFIRM FERTILIZER REQUIREMENTS PER LOCAL MUNICIPALITY. AS A MINIMUM FOR BIDDING PURPOSES THE CONTRACTOR SHALL ASSUME THE FOLLOWING CONCERNING FERTILIZER:
    FOR INITIAL INSTALLATION OF TREES AND SHRUBS/GROUNDCOVERS, FERTILIZER IS ASSUMED TO BE CONTROLLED RELEASE FERTILIZER WITH A 15-9-12 ANALYSIS AND CONTAINING TRACE ELEMENTS MG, S, B, CU, FE, MN, MO, AND ZN. FERTILIZER GRANULES SHALL BE COMPOSED OF DRY NUTRIENTS ENCAPSULATED IN MULTIPLE LAYERS OF POLYMERIC RESIN.
    FOR INITIAL INSTALLATION OF PALMS, FERTILIZER IS ASSUMED TO BE 100% CONTROLLED RELEASE FERTILIZER WITH A 8-2-12 (8N-2P/20/5-12K/2O+4MG) ANALYSIS, AND CONTAINING TRACE ELEMENTS S, B, CU, FE, MN AND ZN. FERTILIZER GRANULES SHALL BE COMPOSED OF DRY NUTRIENTS ENCAPSULATED IN MULTIPLE LAYERS OF POLYMERIC RESIN. INCORPORATE FERTILIZER INTO PLANTING SOILS AND BACKFILL.
    FOR INSTALLATION OF SOD, FERTILIZER IS ASSUMED TO BE CONTROLLED RELEASE FERTILIZER WITH A 16-4-8 (ST. AUGUSTINE) ANALYSIS.
    SOURCE FOR N SHALL BE RESIN-COATED UREA OR RESIN COATED AMMONIUM SALTS. MN, ZN, AND CU SHALL BE SULFATE FORMS. FE SHALL BE GRANULAR CHELATED IRON.
    APPLICATION RATES ARE PROVIDED AS A RECOMMENDATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE APPROPRIATE FERTILIZER/AMENDMENTS TO ENSURE PROPER ESTABLISHMENT AND VIGOR OF PLANT MATERIAL:
    1.0 OZ PER EA 1 GALLON CONTAINER 3.0 OZ PER EA 3 GALLON CONTAINER
    6.0 OZ PER EA 7 GALLON CONTAINER 32.0 OZ PER EA PALM FOR SOD AREAS: APPLY 6 LBS/1000SF.
11. BUILD EARTHEN SAUCER TO CONTAIN WATER AROUND EACH INDIVIDUAL TREE PLANTING PIT AND AT THE PERIMETER OF ALL PLANTING AREAS. REMOVE EXCESS EXCAVATED SOIL FROM THE SITE AND DISPOSE OF IN A LAWFUL MANNER.

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

HALFF
1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
www.Halff.com
FL CA 33380 FL LC 26000645

Revision No.	Date	Description

Seal
LAURA M. DUPLAIN, PLA
License Number 6667408

Project No.:	40825-001
Issued:	MAY 2022
Drawn By:	LMD
Checked By:	MAS
Scale:	1" = NTS

Sheet Title: LANDSCAPE NOTES

Sheet Number: LS-11

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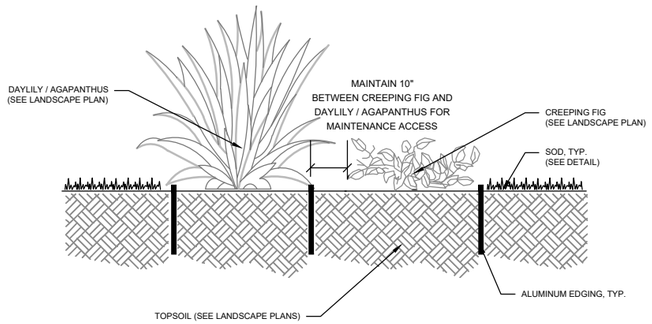
NOTES:

1. PERMALOC, SURE-LOC (OR APPROVED EQUAL, CONTRACTOR TO PROVIDE MANUFACTURE INFORMATION AND SPECIFICATIONS TO OWNER.
2. ALUMINUM, 1/8" THICK, 3" TO 3-1/2" DEPTH
3. COLOR: BRONZE OR BROWN
4. INSTALL PER MANUFACTURER'S RECOMMENDATIONS



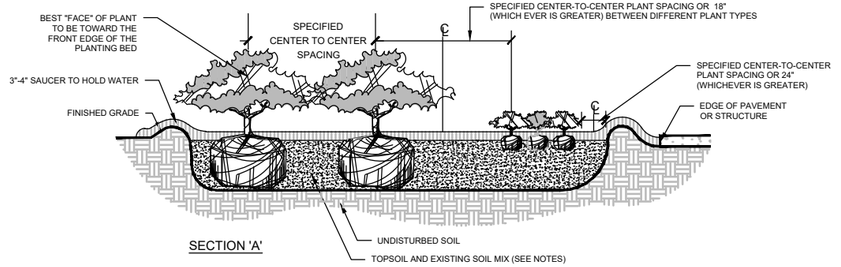
A TYPICAL LANDSCAPE EDGING
SCALE: N.T.S.

PLANT SCHEDULE

TREES	BOTANICAL / COMMON NAME	SPACING	REMARKS
20	Phoenix dactylifera 'Medjool' / Medjool Palm	As Shown	20' CT, Matched Heights, certified, regenerated roots
SHRUBS	BOTANICAL / COMMON NAME	SPACING	REMARKS
140	Muhlenbergia capillaris / Pink Muhly	36" o.c.	18"-24" HT, full to pot and dense foliage
198	Zamia floridana / Coontie	24" o.c.	12"-18" HT, full to pot and dense foliage
GROUNDCOVERS	BOTANICAL / COMMON NAME	SPACING	REMARKS
190	Agapanthus africanus / Agapanthus	24" o.c.	18"-24" HT, full to pot, dense foliage, blue flower, sun grown
737	Alternanthera dentata 'Little Ruby' / Joseph's Coat	12" o.c.	3'-6" HT x 6'-12" SPD, full to pot, dense burgandy foliage
258	Hemerocallis spp. / Daylily	18" o.c.	6'-12" HT, full to pot, dense foliage, yellow flower
SOD	BOTANICAL / COMMON NAME	SPACING	REMARKS
24,740 SF	St. Augustine 'Citra Blue'	N/A	weed and weed seed free

ABBREVIATIONS LIST

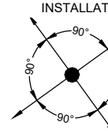
BE	BURIED ELECTRIC
BT	BURIED TELEPHONE
CF	CUBIC FEET
CT	CLEAR TRUNK
EX.	EXISTING
FDM	FLORIDA DESIGN MANUAL
FM	FORCE MAIN
G	GAS
HT	HEIGHT
IRR	IRRIGATION MAINLINE
LO	LATERAL OFFSET
R.O.W.	RIGHT OF WAY
SPD	SPREAD



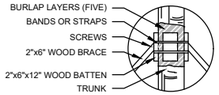
SECTION 'A'

NOTES:

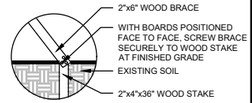
1. CONTRACTOR TO ASSURE DRAINAGE/PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION
2. CONTRACTOR TO STAKE LOCATION OF PALM(S) FOR OWNER'S REPRESENTATIVE'S WRITTEN APPROVAL PRIOR TO INSTALLATION



PLAN VIEW



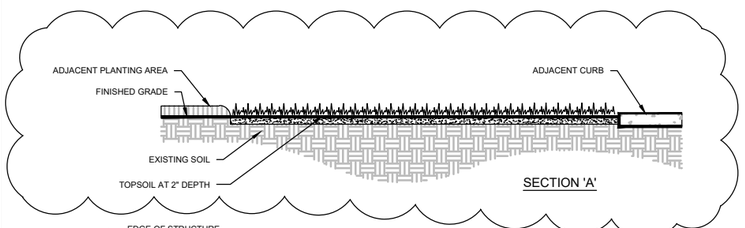
WOOD BATTEN DETAIL FOR PALMS



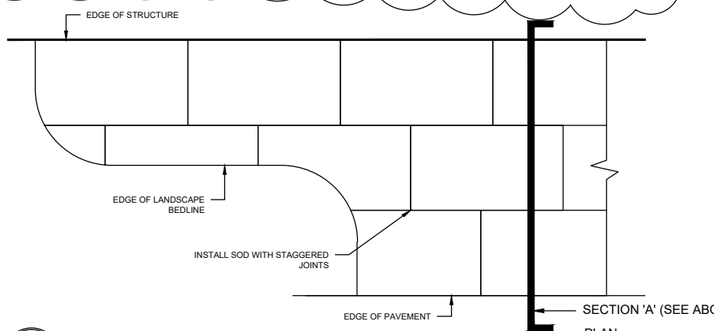
NOTE: STAKE INTO FIRM, EXISTING SOIL

WOOD STAKING DETAIL FOR PALMS

D TYPICAL MEDJOOL PALM INSTALLATION
SCALE: N.T.S.



SECTION 'A'



PLAN

B TYPICAL SOD INSTALLATION
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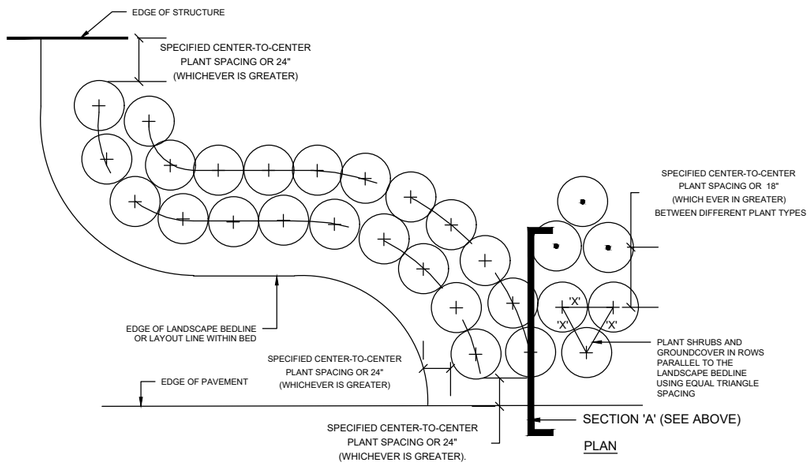

PLAN

C TYPICAL SHRUB AND GROUNDCOVER INSTALLATION
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1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
www.Halff.com
FL LC 26000645
FL CA 33380

Project Name
TREASURE ISLAND CAUSEWAY MEDIANS
FLORIDA

Prepared For
CITY OF TREASURE ISLAND

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Sheet Title
LANDSCAPE DETAILS

Sheet Number
LS-12

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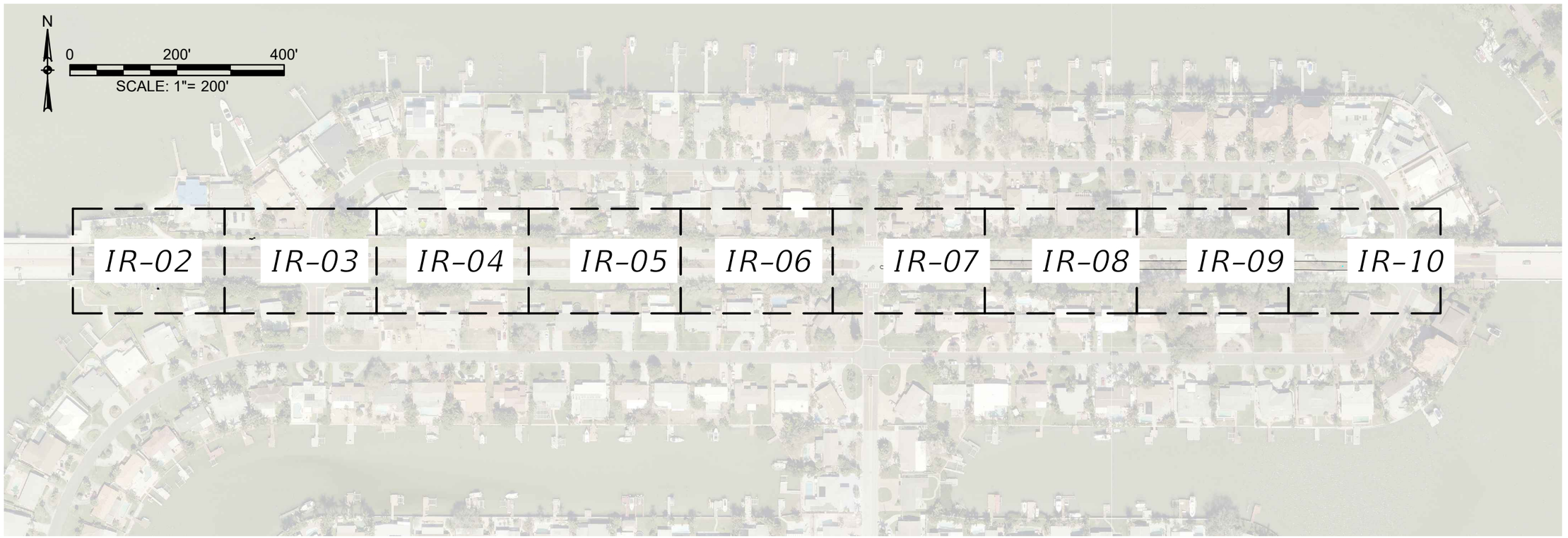
VALVE SCHEDULE

NUMBER	SIZE	TYPE	GPM
1	1"	Area for Dripline	3.05
2	1-1/2"	Turf Spray	39.44
3	2"	Turf Spray	37.00
4	1"	Bubbler	20.00
5	1-1/2"	Turf Spray	40.70
6	1-1/2"	Turf Spray	40.70
7	1-1/2"	Turf Spray	37.00
8	1-1/2"	Turf Spray	35.74
9	1"	Area for Dripline	2.06
10	1"	Area for Dripline	3.81
11	1-1/2"	Turf Spray	37.63
12	1-1/2"	Turf Spray	42.55
13	1"	Bubbler	18.00
14	1-1/2"	Turf Spray	40.70
15	1-1/2"	Turf Spray	37.00
16	1-1/2"	Turf Spray	35.74
17	1"	Area for Dripline	3.45

IRRIGATION NOTES

1. SCOPE OF WORK: THE WORK CONSISTS OF THE PREPARATION OF DESIGN DOCUMENTS AND INSTALLING A COMPLETE UNDERGROUND IRRIGATION SYSTEM, INCLUDING THE FURNISHING OF ALL LABOR, EQUIPMENT, PERMITS, MATERIALS, AND THE PERFORMANCE OF ALL OPERATIONS IN CONNECTION WITH THE CONSTRUCTION OF THE IRRIGATION SYSTEM. IT SHALL INCLUDE FURNISHING AND INSTALLING ALL PLASTIC AND GALVANIZED STEEL PIPE AND FITTINGS, AUTOMATIC CONTROL VALVES, RAIN SENSING DEVICES, PRESSURE RELIEF VALVES, CHECK VALVES, VALVE ACCESS BOXES, SPRINKLER HEADS, ELECTRIC CONTROLLERS, FLOAT SWITCHES, ELECTRIC WIRE, ETC., AS CALLED FOR IN THESE SPECIFICATIONS, OR AS MAY BE REQUIRED FOR PROPER OPERATION OF THE SYSTEM. CONTRACTOR TO INCLUDE ALL COSTS ASSOCIATED WITH THESE MATERIALS AND THEIR INSTALLATION IN THE COST OF THEIR BID.
2. WATER SOURCE IS EXISTING 3" RECLAIMED MAINLINE. IRRIGATION SYSTEM REQUIRES 45 GPM AT 60 PSI. CONTRACTOR TO VERIFY WATER PRESSURE PRIOR TO INSTALLATION, IMMEDIATELY NOTIFY OWNER REPRESENTATIVE OF ANY DISCREPANCIES. ALL IRRIGATION EQUIPMENT TO BE COLOR CODED (PURPLE) APPROPRIATELY PER MANUFACTURER.
3. CONTRACTOR SHALL COORDINATE WITH OWNER FOR PLACEMENT AND HEIGHT OF IRRIGATION CONTROLLER AND RAIN SENSOR TO ENSURE THAT THE EQUIPMENT WILL BE AT A MINIMUM PARTIALLY CONCEALED AND NOT BE IMPACTED BY SPRINKLERS.
4. LIMITS OF IRRIGATION: PROVIDE 100% COVERAGE OF ALL PREPARED PLANTING BEDS AS SHOWN ON THE DRAWINGS WITH TREES, SHRUBS, AND GROUNDCOVERS. TREES ISOLATED IN LAWN AREAS SHALL BE PROVIDED WITH A BUBBLER AND ZONED INDEPENDENTLY. SOD AND/OR SEEDED AREAS AS IDENTIFIED IN PLANTING PLANS ARE INTENDED TO BE PROVIDED WITH 100% IRRIGATION COVERAGE.
5. IRRIGATION TO MEET CITY OF TREASURE ISLAND IRRIGATION STANDARDS AS WELL AS ANY OTHER APPLICABLE MUNICIPAL AND STATE LAWS AND RULES AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK. THESE LAWS, RULES, AND REGULATIONS ARE HEREBY INCORPORATED INTO, AND MADE A PART OF THESE SPECIFICATIONS, AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE IRRIGATION SUBCONTRACTOR. ANYTHING CONTAINED IN THESE SPECIFICATIONS SHALL NOT BE CONSTRUED TO CONFLICT WITH ANY OF THE ABOVEMENTIONED RULES, REGULATIONS OR REQUIREMENTS, AND SHOULD A CONFLICT OCCUR, THE RULES OR REQUIREMENTS OF THE GOVERNING CODE SHALL BE ADHERED TO. HOWEVER, WHEN THESE SPECIFICATIONS CALL FOR OR DESCRIBE MATERIALS, WORKMANSHIP, OR CONSTRUCTION OF A BETTER QUALITY, HIGHER STANDARD OR LARGER SIZE, THESE SPECIFICATIONS AND/OR APPROVED DRAWINGS SHALL TAKE PRECEDENCE OVER THE REQUIREMENTS OF SAID RULES, REGULATIONS OR CODES.
6. ANY PERMITS FOR THE INSTALLATION OR CONSTRUCTION OF ANY OF THE WORK INCLUDED UNDER THIS CONTRACT, WHICH ARE REQUIRED BY ANY OF THE LEGALLY CONSTITUTED AUTHORITIES HAVING JURISDICTION, SHALL BE OBTAINED AND PAID FOR BY THE IRRIGATION SUBCONTRACTOR. PRIOR TO COMMENCEMENT OF HIS OPERATIONS ON SITE. COPIES OF PERMIT SHALL BE SENT TO OWNER REPRESENTATIVE.
7. PRIOR TO PURCHASING, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL PROPOSED MATERIALS INCLUDING BUT NOT LIMITED TO BACKFLOW PREVENTER, CONTROLLER, PIPE, FITTINGS, SLEEVES, VALVES, ETC.
8. HEAD PLACEMENT SHOULD ALWAYS BE DONE WHILE TAKING INTO CONSIDERATION.
   a. WHAT IS THE BEST FOR THE GROWTH AND MAINTENANCE OF THE PLANT MATERIAL.
   b. MAINTAINING A CONSTANT AND EVEN DISTRIBUTION AND PRECIPITATION RATE.
   c. THE SPACING BETWEEN HEADS SHALL NOT EXCEED 50% OF THE DIAMETER FOR HEADS SPACED ON A SQUARE PATTERN OR 60% OF THE DIAMETER FOR HEADS SPACED ON A TRIANGULAR PATTERN.
9. AUTOMATIC CONTROL TIMER, BACKFLOW PREVENTER, AND RAIN SENSOR LOCATIONS TO BE VERIFIED WITH OWNER REPRESENTATIVE.
10. FIELD ALTERATIONS MADE IN THE IRRIGATION CONTRACT DRAWING MUST BE IN THE BEST INTEREST OF THE PLANT MATERIAL AND LANDSCAPE IRRIGATION SYSTEM. CHANGES MADE BY THE IRRIGATION CONTRACTOR WHICH ARE DEEMED, BY THE OWNER REPRESENTATIVE, NOT TO BE IN CONFORMITY WITH THIS CRITERIA WILL BE REMOVED AND REPLACED AT THE IRRIGATION CONTRACTOR'S EXPENSE. IF A QUESTION SHOULD ARISE AS TO THE BEST WAY TO COMPLETE A FIELD ALTERATION, CONTACT OWNER REPRESENTATIVE FOR APPROVAL.
11. THE CONTRACTOR SHALL STAKE OUT THE LOCATION OF EACH RUN OF PIPE, DRIP IRRIGATION ARRAYS AND VALVES PRIOR TO TRENCHING. TRENCHES FOR PIPE SHALL BE CUT TO REQUIRED GRADE LINES, AND COMPACTED TO PROVIDE ACCURATE GRADE AND UNIFORM BEARING FOR THE FULL LENGTH OF THE LINE. THE BOTTOM OF TRENCHES SHALL BE FREE OF ROCK OR OTHER SHARP EDGED OBJECTS. MINIMUM COVER SHALL BE AS FOLLOWS: PRESSURE MAINLINE 24" AT TOP OF THE PIPE TO FINISH GRADE. LATERAL PIPING 12" AT TOP OF PIPE FROM FINISH GRADE. SLEEVING UNDER ROADWAY 36" AT TOP OF PIPE FROM FINISH GRADE.
12. THE IRRIGATION AND LANDSCAPE CONTRACTORS SHALL COORDINATE THE PLACEMENT OF THE IRRIGATION EQUIPMENT AND LANDSCAPE MATERIAL WITHIN THE PLANTED AREA. THE IRRIGATION CONTRACTOR SHALL INSTALL HIS MATERIAL AT THE EDGE OF THE PLANTED AREAS AVOIDING PLANTS, ROOT BALLS, LIGHTS, BOLLARDS, FENCES, ETC.
13. CONTRACTOR TO ENSURE NO IRRIGATION OVERSPRAY INTO THE ROAD.
14. OPEN CUTS IN ASPHALT AND WALKS ARE NOT PERMITTED. TRENCHES MUST BE PROTECTED FROM VEHICLE AND PEDESTRIAN TRAFFIC AT ALL TIMES. IT WILL BE THE IRRIGATION CONTRACTOR'S RESPONSIBILITY TO BARRICADE AND DIVERT TRAFFIC. ALL TRENCHES SHALL BE CLOSED AT THE END OF EACH WORKDAY.
15. SLEEVES UNDER ROADWAYS AND SIDEWALKS ARE PROHIBITED WITHOUT WRITTEN APPROVAL FROM OWNER REPRESENTATIVE.
16. ALL TRENCHES WITHIN FIFTEEN FEET (15') OF EXISTING TREES TO BE HAND EXCAVATED TO AVOID CONFLICTS WITH TREES.
17. NO ROOTS SHALL BE CUT WITHIN A FIFTEEN FOOT (15') RADIUS OF ALL EXISTING TREES. IRRIGATION PIPES AND CONDUIT SHOULD BE DIRECTIONAL BORED WITHIN THIS AREA.
18. CONTRACTOR SHALL COORDINATE ELECTRICAL AND WATER REQUIREMENTS AND POINT OF CONNECT WITH OWNER REPRESENTATIVE.
19. ALL PIPE SHALL BE SIZED SO AS NOT TO EXCEED 5 FPS.
20. INITIAL BACKFILL ON PVC LINE SHALL BE PULVERIZED NATIVE SOIL, FREE OF FOREIGN MATTER. SOIL OR SAND WITHIN 4" OF UNDERGROUND PIPING SHALL BE CLEAN. PLANT LOCATIONS SHALL TAKE PRECEDENCE OVER SPRINKLER AND PIPE LOCATIONS. THE CONTRACTOR SHALL COORDINATE THE PLACING OF THE SPECIMEN TREES AND SHRUBS WITH THE ROUTING OF LINES AND FINAL HEAD LOCATIONS.
21. RECORD DRAWINGS: AFTER FINAL ACCEPTANCE OF THE COMPLETED INSTALLATION, THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION OF COMPLETE, REPRODUCIBLE, RECORD DRAWINGS FOR SUBMITTAL TO THE OWNER REPRESENTATIVE. PLANS SHALL INCLUDE ANY FIELD CHANGES OR DEVIATIONS FROM THE ORIGINAL, APPROVED DESIGN DOCUMENTS WITH TWO SCALED POINTS OF REFERENCE FOR EACH ITEM.
22. CONTRACTOR SHALL SUPPLY ZONE MAP, PRECIPITATION RATES, ANY KEYS, OPERATING MANUALS, WARRANTIES, COPY OF THE CONTROLLER SCHEDULE, AND EXACT EQUIPMENT PARTS BREAKOUTS WITH MODEL NUMBERS, ETC IN A 3-RING BINDER TO OWNER REPRESENTATIVE UPON COMPLETION OF THE PROJECT.
23. THE DRAWINGS ARE TO BE CONSIDERED DIAGRAMMATIC. THE LOCATIONS OF THE EQUIPMENT SHALL BE COORDINATED IN THE FIELD, AND ADJUSTED AS NECESSARY TO AVOID CONFLICTS, AND TO REACT TO FIELD VARIABLES. DUE TO SMALL SCALE OF DRAWINGS, IT IS OFTEN NECESSARY TO SHOW PIPING OR OTHER ELEMENTS OUTSIDE RIGHTS-OF-WAY OR IN PAVEMENT AREAS. THE INSTALLATION OF ALL PIPING AND OTHER EQUIPMENT SHALL BE IN PERVIOUS AREAS AND WITHIN RIGHTS-OF-WAY UNLESS IT IS SPECIFICALLY NOTED TO THE CONTRARY.



Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

HALFF
1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
www.Halff.com
FL CA 33380 FL LC 26000645

Revision No.	Date	Description

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LAURA M. DUPLAIN, PLA
License Number 6667408

Project No.:	40825-001
Issued:	MAY 2022
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Checked By:	MAS
Scale:	1" = 200'

Sheet Title: OVERALL IRRIGATION PLANS

Sheet Number: IR-01

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IMPORTANT!

1. IRRIGATION IS SHOWN DIAGRAMMATICALLY TO AVOID VISUAL DISCREPANCIES. ACTUAL LOCATION OF EQUIPMENT WILL BE COORDINATED WITH THE OWNERS REPRESENTATIVE PRIOR TO INSTALLATION. ALL IRRIGATION EQUIPMENT IS TO BE INSTALLED WITHIN GREENSPACE.
2. CONTRACTOR SHALL LOCATE AND STAKE ALL ELECTRICAL CONDUIT AND OTHER UNDERGROUND INFRASTRUCTURE WITHIN MEDIANS PRIOR TO BEGINNING ANY WORK. CONTACT OWNER TO COORDINATE STAKING REVIEW A MINIMUM OF THREE DAYS IN ADVANCE. IRRIGATION MAINLINES AND LATERAL LINES SHALL MAINTAIN A MINIMUM OFFSET OF 5' FROM THE ELECTRICAL CONDUIT AND ARE NOT BE PLACED UNDER PALMS OR OTHER PLANT MATERIAL. MAINLINE SHALL BE PLACED A MINIMUM OF 2' FROM BACK OF CURB.
3. INSTALL IRRIGATION SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP A CLEAN SET OF AS-BUILT DRAWINGS ON SITE DURING THE INSTALLATION OF THIS SYSTEM. AS-BUILT DRAWINGS MUST BE UPDATED DAILY AND PROVIDED TO THE OWNER PRIOR TO FINAL PAYMENT.
5. WATER SOURCE IS EXISTING 3" RECLAIMED MAINLINE. IRRIGATION SYSTEM REQUIRES 42 GPM AT 60 PSI. CONTRACTOR TO VERIFY WATER PRESSURE PRIOR TO INSTALLATION, IMMEDIATELY NOTIFY CITY REPRESENTATIVE OF ANY DISCREPANCIES.
6. IRRIGATION CONTRACTOR SHALL NOT IMPACT EXISTING IRRIGATION SYSTEMS.

N

0 20' 40'

SCALE: 1"= 20'

NO PROPOSED IRRIGATION THIS SHEET

EX. GUARDRAIL (TYP)

APPROXIMATE R.O.W. LINE, TYP.

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

EX. LIGHT POLE (TYP)

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

CITY OF TREASURE ISLAND OR 11431, PG 2446

MATCHLINE - REFER TO SHEET IR-03

TREASURE ISLAND CAUSEWAY MEDIANS
FLORIDA
Project Name

CITY OF TREASURE ISLAND
Prepared For

HALFF
1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
www.Halff.com
FL CA 33380 FL LC 26000645

Revision No.	Date	Description

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LAURA M. DUPLAIN, PLA
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Project No.:	40825-001
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Sheet Title

IRRIGATION PLANS

Sheet Number

IR-02

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Duplain, Laura
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0 20' 40'

SCALE: 1"= 20'

IMPORTANT!

1. IRRIGATION IS SHOWN DIAGRAMMATICALLY TO AVOID VISUAL DISCREPANCIES. ACTUAL LOCATION OF EQUIPMENT WILL BE COORDINATED WITH THE OWNERS REPRESENTATIVE PRIOR TO INSTALLATION. ALL IRRIGATION EQUIPMENT IS TO BE INSTALLED WITHIN GREENSPACE.
2. CONTRACTOR SHALL LOCATE AND STAKE ALL ELECTRICAL CONDUIT AND OTHER UNDERGROUND INFRASTRUCTURE WITHIN MEDIANS PRIOR TO BEGINNING ANY WORK. CONTACT OWNER TO COORDINATE STAKING REVIEW A MINIMUM OF THREE DAYS IN ADVANCE. IRRIGATION MAINLINES AND LATERAL LINES SHALL MAINTAIN A MINIMUM OFFSET OF 5' FROM THE ELECTRICAL CONDUIT AND ARE NOT BE PLACED UNDER PALMS OR OTHER PLANT MATERIAL. MAINLINE SHALL BE PLACED A MINIMUM OF 2' FROM BACK OF CURB.
3. INSTALL IRRIGATION SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO KEEP A CLEAN SET OF AS-BUILT DRAWINGS ON SITE DURING THE INSTALLATION OF THIS SYSTEM. AS-BUILT DRAWINGS MUST BE UPDATED DAILY AND PROVIDED TO THE OWNER PRIOR TO FINAL PAYMENT.
5. WATER SOURCE IS EXISTING 3" RECLAIMED MAINLINE. IRRIGATION SYSTEM REQUIRES 42 GPM AT 60 PSI. CONTRACTOR TO VERIFY WATER PRESSURE PRIOR TO INSTALLATION, IMMEDIATELY NOTIFY CITY REPRESENTATIVE OF ANY DISCREPANCIES.
6. IRRIGATION CONTRACTOR SHALL NOT IMPACT EXISTING IRRIGATION SYSTEMS.

APPROXIMATE R.O.W. LINE, TYP.

CAUSEWAY BLVD. N

4'PVC FENCE

6"PVC

EX. LIGHT POLE (TYP)

EX. IRRIGATION VALVES APPROXIMATE LOCATION

CONTRACTOR TO LOCATE AND CONNECT NEWLY INSTALLED IRRIGATION TO EXISTING IRRIGATION SYSTEM

EX. DRAINAGE STRUCTURE (TYP)

6' MASONRY WALL

80TH ST. S

1" 3.05

MATCHLINE - REFER TO SHEET IR-02

MATCHLINE - REFER TO SHEET IR-04

Project Name	TREASURE ISLAND CAUSEWAY MEDIANS	FLORIDA
Prepared For	CITY OF TREASURE ISLAND	

HALFF
1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
www.Halff.com
FL CA 33380 FL LC 26000645

Revision No.	Date	Description

Seal

LAURA M. DUPLAIN, PLA
License Number 6667408

Project No.:	40825-001
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Drawn By:	LMD
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Sheet Title

IRRIGATION PLANS

Sheet Number

IR-03

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IMPORTANT!

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N

0 20' 40'

SCALE: 1"= 20'

APPROXIMATE R.O.W. LINE, TYP.

6'PVC FENCE

6'WF

6' MASONRY WALL

6' PVC FENCE

EX. SIGN (TYP)

6"PVC

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

EX. LIGHT POLE (TYP)

EX. PULL BOXES

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

2	
1½"	39.4

3	
2"	37.0

MATCHLINE - REFER TO SHEET IR-03

MATCHLINE - REFER TO SHEET IR-05

6'PVC FENCE

6' MASONRY WALL

6' WF

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

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TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
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FL LC 26000645
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Revision No.	Date	Description
1	07/11/2022	Addendum 1 & 2

Seal

LAURA M. DUPLAIN, PLA
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Project No.:	40825-001
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Sheet Title: IRRIGATION PLANS

Sheet Number: IR-04 104

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7/11/2022

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0 20' 40'

SCALE: 1"= 20'

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APPROXIMATE R.O.W. LINE, TYP.

6' PVC FENCE

6' WF

6" PVC

EXISTING ISOLATION VALVE, TYP.

5 | 1½" | 40.7

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

EX. LIGHT POLE (TYP)

4 | 1" | 20.0

6 | 1½" | 40.7

6' MASONRY WALL

MATCHLINE - REFER TO SHEET IR-04

MATCHLINE - REFER TO SHEET IR-06

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

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TAMPA, FLORIDA USA 33602
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FL CA 33380 FL LC 26000645

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Sheet Title: IRRIGATION PLANS

Sheet Number: IR-05

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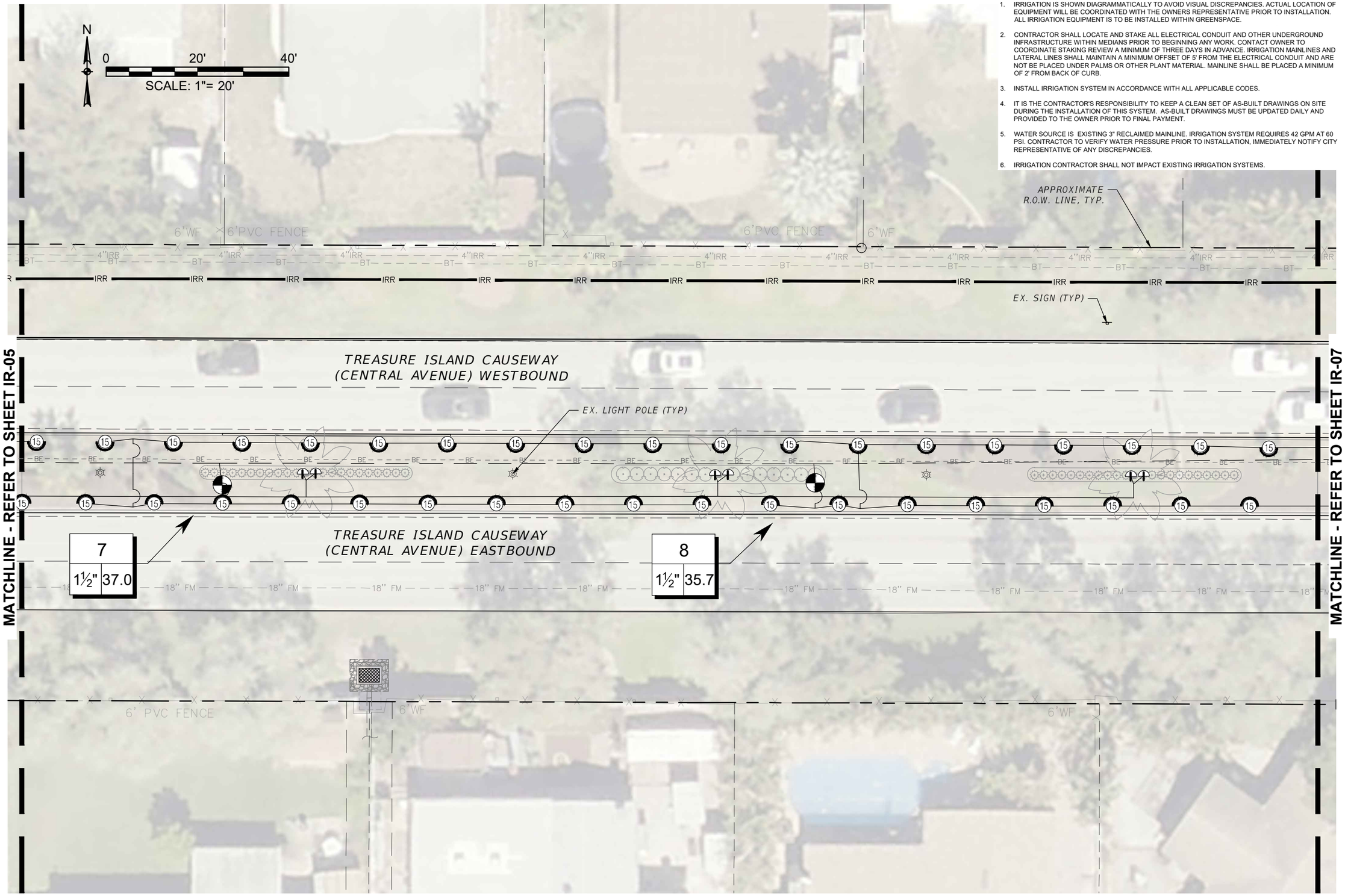

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Project Name: TREASURE ISLAND CAUSEWAY MEDIANS
FLORIDA

Prepared For: CITY OF TREASURE ISLAND

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Sheet Title: IRRIGATION PLANS

Sheet Number: IR-06

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IMPORTANT!

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N

0 20' 40'

SCALE: 1"= 20'

79TH ST. N

EX. DRAINAGE STRUCTURE (TYP)

APPROXIMATE R.O.W. LINE, TYP.

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

SIGNALIZED INTERSECTION

9 — 1" 2.06

10 — 1" 3.81

EX. LIGHT POLE (TYP)

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

79TH ST. S

MATCHLINE - REFER TO SHEET IR-06

MATCHLINE - REFER TO SHEET IR-08

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

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LAURA M. DUPLAIN, PLA
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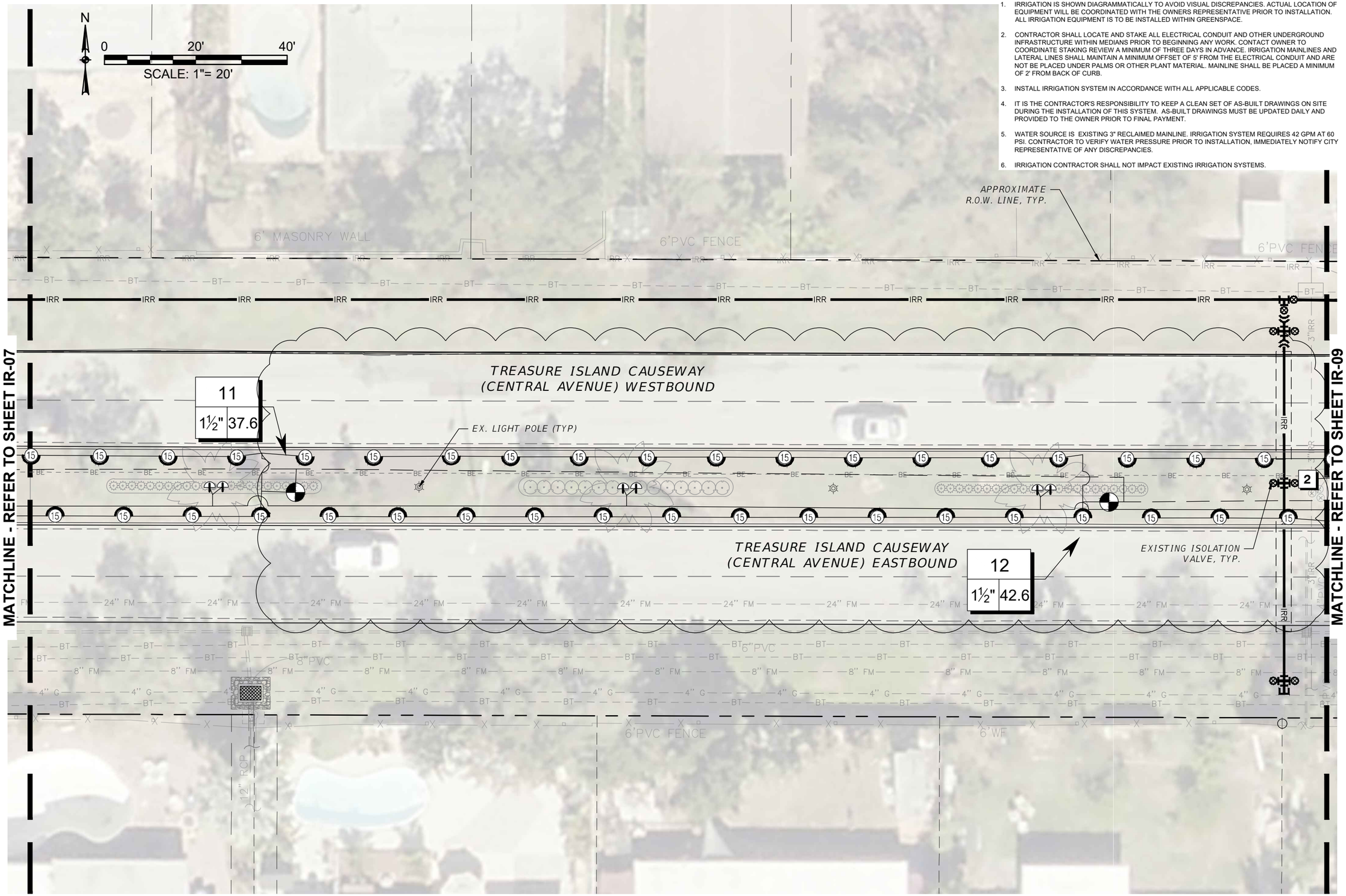

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FL CA 33380 FL LC 26000645

No.	Revision Date	Description
1	07/11/2022	Addendum 1 & 2

Seal

LAURA M. DUPLAIN, PLA
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Sheet Title: IRRIGATION PLANS

Sheet Number: IR-08

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Duplain, Laura
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7/11/2022

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N

0 20' 40'

SCALE: 1"= 20'

APPROXIMATE R.O.W. LINE, TYP.

6'WF 6'WF 6'PVC FENCE

13	
1"	18.0

14	
1½"	40.7

16	
1½"	35.7

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) WESTBOUND

MATCHLINE - REFER TO SHEET IR-08

MATCHLINE - REFER TO SHEET IR-10

C2

EX. LIGHT POLE (TYP)

TREASURE ISLAND CAUSEWAY (CENTRAL AVENUE) EASTBOUND

15	
1½"	37.0

LIMITS OF CLEAR SIGHT (FDM 212-11) (TYP)

6"PVC 6"PVC

6'WF 6'PVC FENCE

TREASURE ISLAND CAUSEWAY MEDIANS

FLORIDA

Project Name

Prepared For

CITY OF TREASURE ISLAND

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LAURA M. DUPLAIN, PLA
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Project No.:	40825-001
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Sheet Title

IRRIGATION PLANS

Sheet Number

IR-09

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7/11/2022

N

0 20' 40'

SCALE: 1"= 20'

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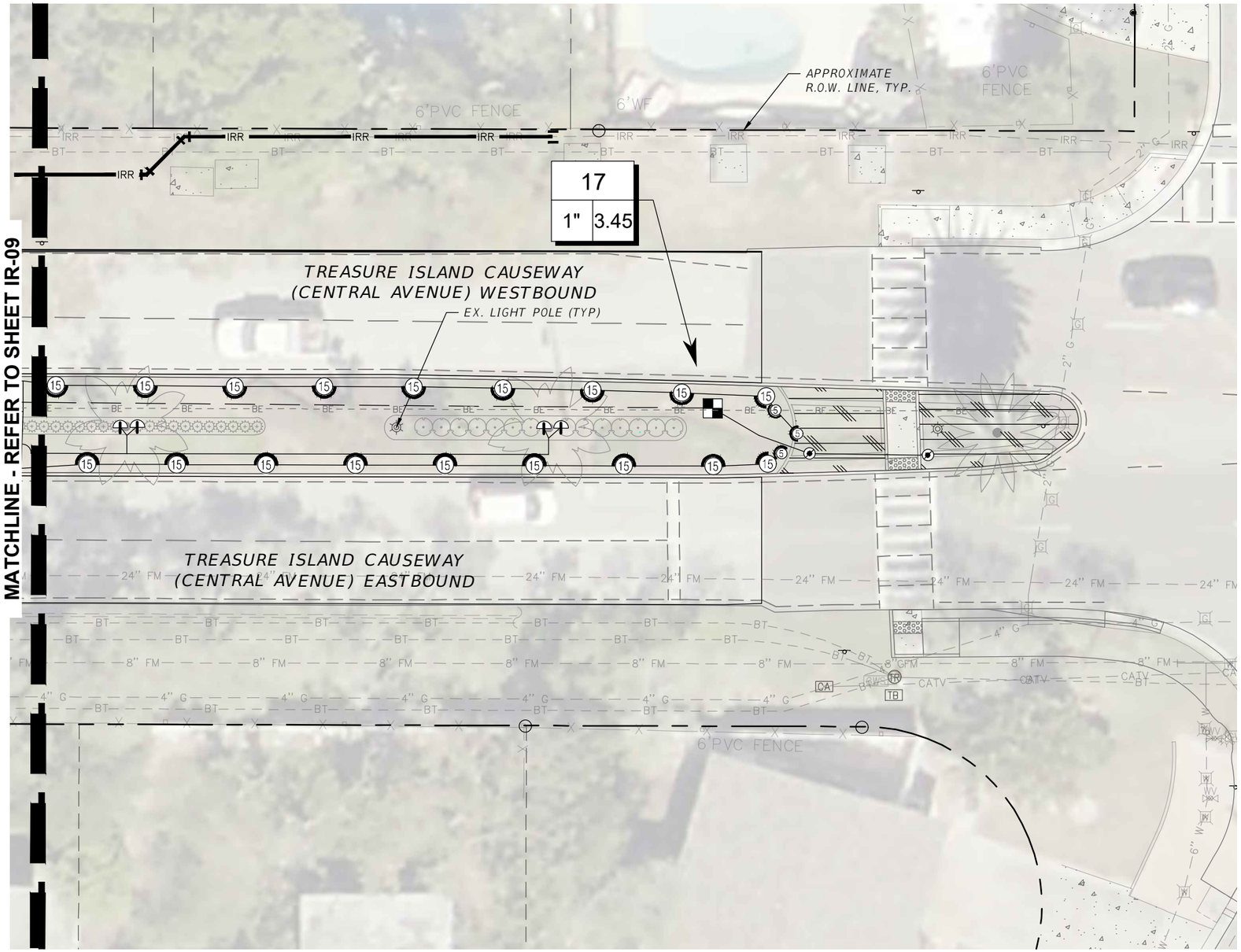

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
5 5 5 Q H F	RAIN BIRD 1804-PRS-NP 5 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING. WITH NON POTABLE PURPLE CAP.	10
8 8 8 8 Q T H F	RAIN BIRD 1804-PRS-NP 8 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING. WITH NON POTABLE PURPLE CAP.	2
10 10 10 10 Q T H F	RAIN BIRD 1804-PRS-NP 10 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING. WITH NON POTABLE PURPLE CAP.	2
15 15 15 15 15 Q T H TQ F	RAIN BIRD 1804-PRS-NP 15 SERIES MPR TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. 1/2" NPT FEMALE THREADED INLET. PRESSURE REGULATING. WITH NON POTABLE PURPLE CAP.	230
CST Q H F	RAIN BIRD 1806-5 SERIES STREAM 5CST-B STREAM BUBBLER 6.0" POPUP.	40

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	HUNTER ICZ-101-25 1" DRIP CONTROL ZONE KIT. 1" ICV GLOBE VALVE WITH 1" HY100 FILTER SYSTEM. PRESSURE REGULATION: 25PSI. FLOW RANGE: 2 GPM TO 20 GPM. 150 MESH STAINLESS STEEL SCREEN.	4
	PIPE TRANSITION POINT IN DRIP BOX PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER IN 6" (150MM) DRIP BOX.	7
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFD-PS-09-18 0.9 GPH RECLAIMED PRESSURE COMPENSATING DRIPLINE W/ PURPLE STRIPE.	

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	HUNTER ICV-G-FS 2" 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH FILTER SENTRY.	1
	HUNTER ICV-G-FS 1" 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH FILTER SENTRY.	10
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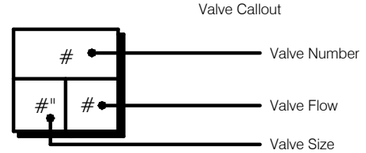
C#	HUNTER XCH-1200 12-STATION BATTERY POWERED CONTROLLER IN A WATERPROOF CASE. WITH UNIQUE POWERING FEATURE THAT VERIFIES SUFFICIENT VOLTAGE LEVEL FOR TURNING STATIONS OFF BEFORE TURNING ANY STATIONS ON. HUNTER MINI-CLIK WIRED RAIN SENSORS.	2
XX	WATER METER 2" RECLAIMED MAINLINE	2
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21-NP SIZE NOT TO EXCEED 5' PER SECOND	
	IRRIGATION MAINLINE: PVC CLASS 200 SDR 21-NP SIZE NOT TO EXCEED 5' PER SECOND	

Valve Callout



Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

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Sheet Title: IRRIGATION PLANS

Sheet Number: IR-10

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Duplain, Laura
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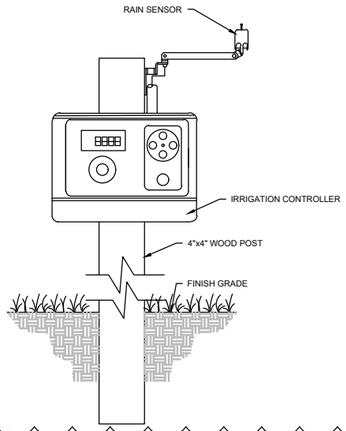
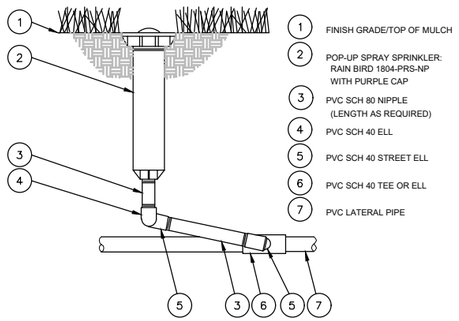


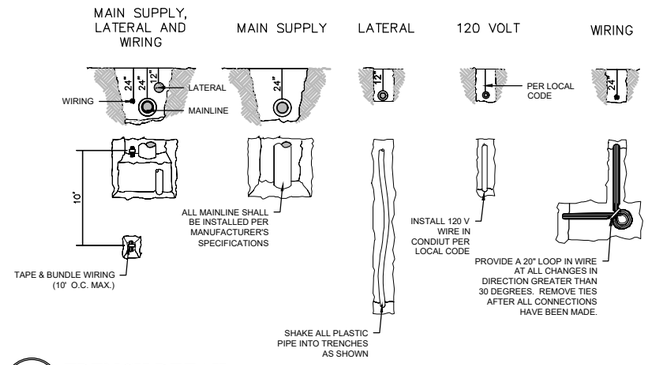
IRRIGATION NOTES

1. PROVIDE A CONTROLLER CAPABLE TO SUPPORT PROPOSED IRRIGATION SYSTEM.
2. CONTROLLER MOUNT WILL BE DETERMINED BY OWNER'S REPRESENTATIVE
3. AFTER THE STATION WIRES ARE CONNECTED, REMOVE THE BATTERY COMPARTMENT, WATERPROOF CAP, AND TAKE OUT THE (2) 9VDC CONNECTORS.
4. ATTACH (2) 9VDC ALKALINE BATTERIES TO CONTROLLER

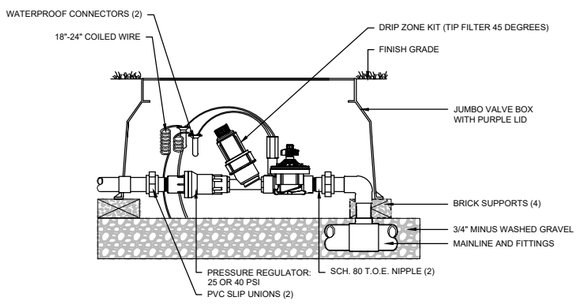
A IRRIGATION CONTROLLER AND RAIN SENSOR
SCALE: N.T.S.
(OR APPROVED EQUAL)



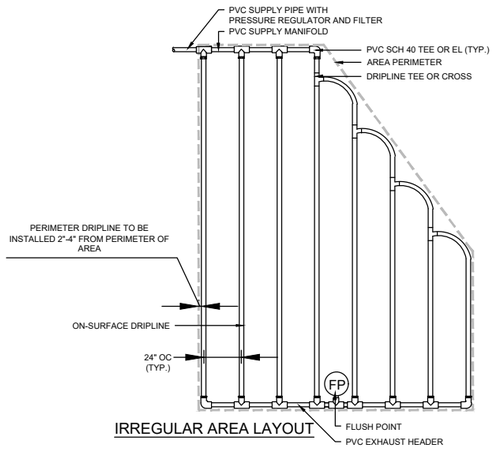
B POP-UP SPRAYHEAD
SCALE: N.T.S.
(OR APPROVED EQUAL)



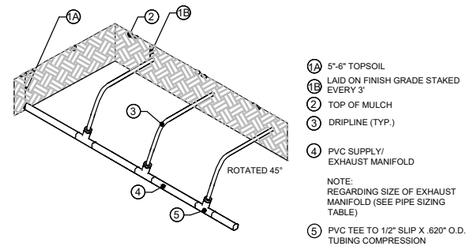
C TRENCH DETAIL
SCALE: N.T.S.
(OR APPROVED EQUAL)



D CONTROL VALVE ASSEMBLY FOR DRIPLINE IRRIGATION
SCALE: N.T.S.



E TYPICAL DRIPLINE LAYOUT
SCALE: N.T.S.
(OR APPROVED EQUAL)



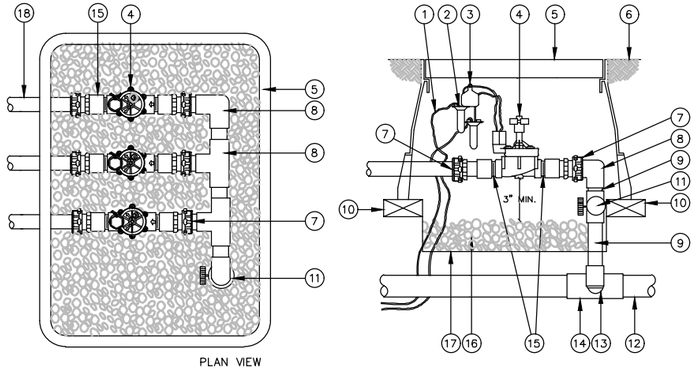
1A 5"-6" TOPSOIL
1B LAID ON FINISH GRADE STAKED EVERY 3'
2 TOP OF MULCH
3 DRIPLINE (TYP.)
4 PVC SUPPLY/ EXHAUST MANIFOLD

NOTE:
REGARDING SIZE OF EXHAUST MANIFOLD (SEE PIPE SIZING TABLE)

5 PVC TEE TO 1/2" SLIP X .620" O.D. TUBING COMPRESSION ADAPTERS

F SUPPLY/EXHAUST MANIFOLD FOR DRIP IRRIGATION
SCALE: N.T.S.

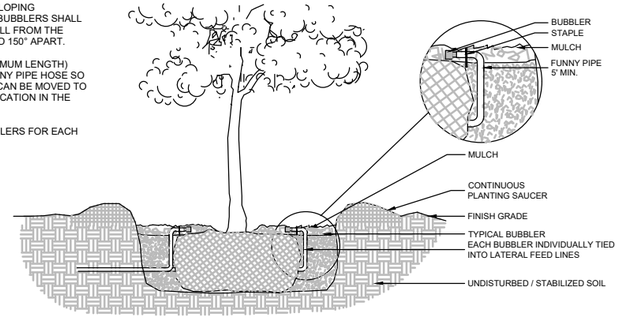
1 6-FEET LINEAR LENGTH OF WIRE, COILED
2 WATERPROOF CONNECTION
3 ZONE ID TAG
4 CONTROL VALVE:
5 VALVE BOX WITH PURPLE LID
6 FINISH GRADE/TOP OF MULCH
7 PVC UNION
8 PVC SCH 40 ELL OR TEE
9 PVC SCH 80 NIPPLE
10 BRICK (1 OF 4)
11 PVC BALL VALVE
12 PVC MAINLINE PIPE
13 SCH 80 NIPPLE (2-INCH LENGTH, HIDDEN) AND SCH 40 ELL
14 PVC SCH 40 OR MEGALUG TEE OR ELL AS REQUIRED
15 PVC SCH 40 MALE ADAPTER
16 3.0-INCH MINIMUM DEPTH OF 3/4-INCH WASHED GRAVEL
17 MIRAFI 140NC GEOTEXTILE FABRIC
18 PVC LATERAL PIPE



G TYPICAL VALVE MANIFOLD
SCALE: N.T.S.
(OR APPROVED EQUAL)

IRRIGATION NOTES

1. BUBBLERS ARE TO PLACED AT THE MIDPOINT BETWEEN THE EDGE OF THE ROOTBALL AND THE MAIN TRUNK. SECURE BUBBLER TO TOP OF ROOTBALL WITH A SOIL ANCHORING STAPLE.
2. THE BUBBLERS SHALL BE PLACED 180° APART, IN SLOPING GROUNDS, THE BUBBLERS SHALL BE PLACED UPHILL FROM THE TREE TRUNK AND 150° APART.
3. PROVIDE (5' MINIMUM LENGTH) SUFFICIENT FUNNY PIPE HOSE SO THE BUBBLERS CAN BE MOVED TO A DIFFERENT LOCATION IN THE FUTURE.
4. PROVIDE 2 BUBBLERS FOR EACH TREE.



H TYPICAL BUBBLER DETAIL
SCALE: N.T.S.
(OR APPROVED EQUAL)

PIPE SIZE TABLE

IRRIGATION ZONE DEMAND GALLONS PER MINUTE (GPM)	MINIMUM PIPE SIZE
5-10	3/4"
11-15	1"
16-25	1-1/4"
26-32	1-1/2"
33-52	2"
53-75	2-1/2"
76-110	3"

REFER TO EACH IRRIGATION ZONE ON PLAN DRAWINGS FOR ZONE GPM

ALL PIPE SHALL BE SIZED SO AS NOT TO EXCEED 5 FPS

I PIPE SIZE TABLE
SCALE: N.T.S.

Project Name: TREASURE ISLAND CAUSEWAY MEDIANS FLORIDA

Prepared For: CITY OF TREASURE ISLAND

HALFF
1000 N. ASHLEY DRIVE, SUITE 900
TAMPA, FLORIDA USA 33602
Phone 813.620.4500 Fax 813.620.4980
www.Halff.com
FL CA 33380 FL LC 26000645

Revision No.	Date	Description
1	07/11/2022	Addendum 1 & 2

Seal

LAURA M. DUPLAIN, PLA
License Number 6667408

Project No.:	40825-001
Issued:	MAY 2022
Drawn By:	LMD
Checked By:	MAS
Scale:	1" = NTS

Sheet Title: IRRIGATION DETAILS

Sheet Number: IR-11

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Duplain, Laura
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