**CITY OF TAMPA, FLORIDA - RFQ**
c/o Contract Administration Department
306 East Jackson Street #280A4N
Tampa, Florida 33602

**26-C-00025 Washington Street Park and Curtis Hixon Park Improvements Design-Build**

PUBLIC ANNOUNCEMENT IN COMPLIANCE WITH REQUIREMENTS OF SECTION 287.055, FLORIDA STATUTES (CONSULTANTS' COMPETITIVE NEGOTIATION ACT) APPLICABLE LAW, EXECUTIVE ORDERS, RULES, REGULATIONS, AND THE CITY'S STANDARD PROCEDURES. A NOTICE OF INTENT TO AWARD SHALL BE POSTED, IF AT ALL, ON THE CITY'S WEBSITE ACCESSIBLE BY UTILIZING THIS WEBSITE LINK: www.tampagov.net/contract-administration/programs/architectural-engineering-construction-and-related-rfqs .

The City of Tampa seeks Professional Design-Build services for Washington Street Park Improvements. The improvements include the complete renovation of the park and adjacent streetscape; and modification or replacement of affected infrastructure and systems such as storm drainage as indicated in its Design Criteria Package.

The City of Tampa also seeks Design-Build Services for Curtis Hixon Waterfront Park Improvements. The required improvements address several durability, operational and maintenance concerns; however, the overall design, materials, finishes and details shall result in a cohesive project as indicated in its Design Criteria Package.

Total Project Estimate $10,000,000.

Additional material may be found at: https://www.tampa.gov/contract-administration/programs/architectural-engineering-construction-and-related-rfqs .

Questions may be directed to Jim Greiner, P.E., Contract Administration, City of Tampa, (813) 274-8598, or E-Mail jim.greiner@tampagov.net.

A pre-submission conference will be conducted at 3 PM May 4, 2026, in the City Council Chambers, third floor Old City Hall, 315 E. Kennedy Blvd. Tampa, FL 33602. Attendance is not required.

In accordance with the Americans with Disabilities Act ("ADA") and Section 286.26, Florida Statutes, persons with disabilities needing a reasonable accommodation to participate in this public hearing or meeting should contact the City of Tampa's ADA Coordinator at least 48 hours prior to the proceeding. The ADA Coordinator may be contacted via phone at 813-274-3964, email at TampaADA@tampagov.net, or by submitting an ADA - Accommodations Request form available online at tampagov.net/ADARequest.

An individual or entity ("Firm") responding to this RFQ must provide evidence of any required licenses, certificates, or registrations with its submission or within 10 days thereof in order to be considered. The City shall own all ideas, documents, plans, and materials developed as a result of this solicitation and Firm is informed same shall be subject to reuse in accordance with Section 287.055(10), Florida Statutes. Firm (i) confirms it has read and is familiar with Section 119.071(3), Florida Statutes regarding certain building

plans, blueprints, schematic drawings, which depict the internal layout and structural elements of a building, facility, or other structure owned or operated by the City or other agency that are per said section exempt from Section 119.07(1), Florida Statutes and Section 24(a), Art. I of the Florida Constitution ("Exempt Plans") and (ii) agrees Firm shall remain in compliance with same, including maintaining the exempt status of such Exempt Plans for so long as they are held by Firm or otherwise in its possession. Bid openings and tabulations for subcontracts must be made available to the City. Pursuant to Section 2-282, City of Tampa Code, during the solicitation period, including any protest or appeal, NO CONTACT with City officers or employees is permitted from any proposer, other than as specifically stated in this solicitation. The City may cancel, withdraw, or modify this RFQ at any time and reserves the right to reject any or all responses and to waive irregularities, formalities, and informalities as it determines in the City's best interest. The City of Tampa will not request documentation of or consider a bidder's (proposer's) social, political, or ideological interests when determining if the bidder (proposer) is a responsible vendor and will not give preference to a proposer based on the proposer's social, political, or ideological interests.

Firms should consider applicable concepts in the City's Climate Action And Equity Plan as posted at https://www.tampa.gov/document/climate-action-and-equity-plan-122846 .

In order to apply for 5 "Ban-The-Box" bonus points, a firm must provide the documentation required pursuant to the "Ban-The-Box" ordinance listed at https://library.municode.com/fl/tampa/ordinances/code_of_ordinances?nodeId=1171018,

Firms desiring to provide these services to the City must submit a single electronic file in searchable PDF format, Smaller than 10MB, that includes the attached RFQ Transmittal Memorandum completed as appropriate, a Letter of Interest addressed to Brad L, Baird, P.E., Chairman, and referring to this RFQ by number, together with a Statement of Qualifications and any supplemental material allowing evaluation for further consideration (short-listing) based upon the following criteria/point system: Successful Comparable Project Experience, (35) pts; Project Approach (30) pts; Workload and Availability (5 pts); Past Performance/Low amount of City Work (5 pts); Standard Form #A305 (5 pts)(Submit any confidential financial info in a separate PDF.); "Ban-The-Box"(5pts); Planned SLBE Solicitation & Utilization, Form DMI 10, 20, &50 (15 pts).

The PDF file must be **E-Mailed to ContractAdministration@tampagov.net BEFORE 2 P.M., May 21, 2026.** As a courtesy, the City will endeavor to provide an email acknowledgement usually sent within a few days after submission receipt (submissions received on the day of the deadline may not be acknowledged before the deadline or at all). It is Firm's responsibility to confirm its submission (PDF file) has been received.

# RFQ TRANSMITTAL MEMORANDUM
# FOR A SUBMITTAL TO THE CITY OF TAMPA, FLORIDA

TRANSMITTAL DATE:_____

RFQ NO. & TITLE: 26-C-00025 Washington Street Park land Curtis Hixon Park Improvements Design-Build

TO: Brad L. Baird, P. E., Chairman Selection & Certification Committee (CCNA)
c/o Contract Administration Department via ContractAdministration@tampagov.net
306 East Jackson Street, 4th Floor North, Tampa, Florida 33602

SUBMITTER ("Firm") NAME: _____

FEDERAL TAX ID#: _____

FIRM TYPE: ☐ Individual/Sole Proprietor ☐ Joint Venture (JV)* ☐ Partnership (PN)* ☐ Corporation
☐ Limited Liability Company ☐ Other: _____

FIRM CONTACT NAME: EMAIL: PHONE:

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CERTIFICATIONS:

Firm is licensed, permitted, and certified as required to do business in Florida: [_]Yes [_] No
License/registration/certification no(s): _____

Per §287.133, Fla. Stat., individuals or entities (including those meeting the §287.133, Fla. Stat. definition of"affiliate") placed on the convicted vendor list ("List") following a conviction for public entity crimes may not submit a bid, proposal, or reply ("Response") on a contract to provide any goods or services to a public entity, may not submit a Response on a contract with a public entity for the repair or construction of a public building or public work, may not submit a Response for leases of real property to a public entity, and may not beawarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any publicentity; and may not transact business with any public entity in excess of the threshold amount provided in §287.017, Fla. Stat. for CATEGORY TWO for a period of 36 months from the date of placement on the List.Neither Firm nor its affiliates have been placed on the List: **[_]** Yes [_] No

Pursuant to Tampa Code Section 2-284; Bidder's Criminal History Screening Practices("Ban-The-Box"), the Firm hereby; **[_]** declines incentive points and attaches no documentation [_] applies for incentive points and attaches all the required documentation.

Firm shall comply with all applicable governmental rules & regulations, including the City's Ethics Code (Sec. 2- 522, Tampa Code). The City's Charter & Ethics Code prohibit any City employee from receiving any substantial benefit or profit out of any award or obligation entered into with the City, or from having any direct or indirect financial interest in effecting any such award or obligation. If Firm is successful, it shall ensure no City employeereceives any such benefit or interest as a result of such award (See Sec.2-514(d), Tampa Code): **[_]** Yes [_] No

Firm is not in arrears and is not in default upon any obligation to the City of Tampa: **[_]**Yes [_]No

Firm agrees that if the City of Tampa determines Firm has participated in any collusive, deceptive, or fraudulentpractices with regard to this submittal, in addition to any other remedy it may exercise, the City will have the right to debar Firm and deem invalid any contract let under such circumstances: **[_]** Yes [_] No

Data or material Firm asserts to be exempted from public disclosure under Chapter 119, Fla. Stat., is submittedin a separate, single electronic searchable PDF file labeled with the above RFQ number and the phrase "Confidential Material", which identifies the data/material to be protected, states the reasons the date/material isexempt from public disclosure, and the specific Florida statute allowing such exemption (if "No" or otherwise, then Firm waives any possible or claimed exemption upon submission, effective at opening): [_] Yes [_] No

**FAILURE TO COMPLETE THE ABOVE MAY RESULT IN FIRM'S SUBMITTAL BEING DECLARED NON-RESPONSIVE**

Authorized Signature : _____
Printed Name: _____
Title: ☐ Sole Prop ☐Pres ☐Sr VP ☐Gen Ptnr ☐LLC Auth.Mbr/Mgr
☐ Other_____(attach proof of authority)

* With submittal or within 10 days thereafter, Firm must provide a signed copy of the complete agreement between all JV/PN members indicating respective roles, responsibilities, and levels of participation.

**RFQ 26-C-00025 DESIGN-BUILD SERVICES**
**AND RELATED, ASSOCIATED, AND SUBSEQUENT WORK**
**FOR**
**WASHINGTON STREET PARK IMPROVEMENTS**

# DESIGN CRITERIA PACKAGE

PREPARED BY:

Walter Anthony “Tony” Monk, RLA
City of Tampa Parks & Recreation Department


CITY OF TAMPA

March 17, 2026

# SECTION 1: GENERAL INFORMATION

## 1.01 PURPOSE & INTENT

This Design Criteria Package (DCP) has been prepared for a Request for Qualifications (RFQ-26-C-00025) for Design-Build Services for Washington Street Park Improvements. The improvements include the complete renovation of the park and adjacent streetscape; and modification or replacement of affected infrastructure and systems such as storm drainage.

## 1.02 SITE

Washington Street Park, built in 2012, is a 0.44-acre public park in the Channel District located at 114 N 12th St. The park is operated by the City of Tampa Parks & Recreation Department (P&R).

The project area extends to the back of curb adjacent to the park; includes streetscape improvements on the east side of 12$^{th}$ Ave; and minor roadway improvements at the intersection of Washington and 12th. See Attachment A for project extent.

## 1.03 SCOPE OF SERVICES

Provide comprehensive services under a single Design-Build contract to deliver the improvements described in this Design Criteria Package (DCP). Services shall include, but are not limited to, the following:

- Comprehensive project scheduling and project management.
- Comprehensive professional design services including, but not limited to, landscape architecture, engineering (civil, electrical, structural, et al), architecture, lighting, and graphic design as needed.
- Iterative submittal and review process of plans and pricing at 30%, 60%, and 90%.
- Equal Business Opportunity submittal at 60%.
- Comprehensive job site control and erosion control systems.
- Utility location services as needed.
- Survey services including, but not limited to, boundary, topographic, trees, layout, and as-built.
- Comprehensive demolition, construction, grading, fabrication, and construction administration services.
- Obtain and comply with all required permits including City of Tampa and other authorities having jurisdiction.
- Compliance with all applicable governing codes, laws, regulations, and ordinances including site, environmental, building, and landscaping.
- Compliance with the American with Disabilities Act (ADA) and Florida Building Code | Accessibility
- As-built plans in latest AutoCAD release.
- Complete closeout documents, technical specifications, shop drawings, and attachments in PDF Format.
- Comprehensive cost estimating services and Guaranteed Maximum Price (GMP) Proposal resulting in a single GMP contract for construction phase services.

**1.04 BUDGET**

1.04a Initial Design and Pre-Construction Services: $400,000

1.04b Construction: $4,400,000

1.04c Total: $4,800,000

The budget to execute this project shall be determined as part of the design and pre-construction efforts with the possibility of additional or future work becoming a subsequent and separate RFQ and project

**1.05 SCHEDULE**

1.05a Initial Design and Pre-Construction Services: Not to Exceed 8 Months

1.05b Start Date for Construction: To Be Determined

1.05c Project Construction Duration: Not to Exceed 1 Year

## SECTION 2: RFQ RESPONSE

2.01 See public announcement for overall RFQ response requirements.

2.02 Submit qualifications and experience of the lead firm, consultants, sub-contractors, and key team members.

2.03 Demonstrate experience with the Design-Build delivery method including efficiencies such as parallel scheduling to minimize downtime, delays and lead-times.

2.04 Submit an estimated project schedule assuming receipt of Initial Services Agreement on August 1, 2026.

2.05 Demonstrate experience developing iterative pricing (e.g. 30, 60, 90) culminating in a GMP Proposal.

2.06 Demonstrate experience advancing Schematic Design (Owner provided) through technical documents, permitting, construction, and closeout.

2.07 Demonstrate previous successful experience designing and constructing comparable projects including, but not limited to, public parks, streetscapes, recreation facilities, playgrounds, dog parks and similar facilities.

2.08 Demonstrate previous work in urban context and with materials described in this DCP (Section 4) including attachments.

2.09 Demonstrate competency and experience regarding the laws and regulations governing public health, safety, welfare and access including, but not limited to The Florida Building Code, National Electric Code, Americans with Disabilities Act, local codes, local permitting process, job site safety, regulatory agency reviews, etc.

2.10 Washington Street Park is a public park. Respondents are encouraged to visit the park prior to submitting qualifications; however, there will not be a formal, prerequisite site visit.

## SECTION 3: BASIS OF DESIGN

3.01 This DCP presents information and product data as a basis of design – it is not a specification, prescriptive checklist, nor substitute for site visitation(s) prior to submission. The DCP describes minimum criteria and is not intended to replace the professional judgement of competent licensed, Professionals including, but not limited to: Landscape Architects, Architects, Engineers, General Contractors, Subcontractors, and Fabricators. Alternate materials, products, and systems may be proposed that conform with the minimum criteria and design intent.

3.02 A thorough public engagement effort was conducted in 2024. This process informed the overall program, general site configuration, materiality, schematic design (attached) and required improvements described in this DCP. The presentations and findings from the public engagement process are provided as reference documents.

3.03 The attached Schematic Design responds to public input and direction from City staff; any significant deviation from the Schematic Design will require approval by P&R and CRA staff. The DB Firm will advance the design from schematic to technical documents for pricing, permitting and construction.

3.04 The written criteria provided below represent the minimum required improvements. The attachments listed in Section 4.04 provide supplemental information to further describe or quantify the written criteria. If there is a disparity between the written criteria and attachments, the more restrictive criterion shall apply.

## SECTION 4: DESIGN CRITERIA

### 4.01 DESIGN CRITERIA – GENERAL

#### 4.01a DESIGN-BUILD TEAM REQUIREMENT

The Design-Build team shall have suitable personnel, equipment, resources, finances, and experience to accomplish the project objectives. The Design Build team shall be responsible for every phase of work, task and activity including, but not limited to, project management, design, permitting, engineering, construction, fabrication, and construction administration required to fully execute the scope of work. The Design-Build team shall conduct all testing, obtain all approvals, and provide systems training for use, occupancy and maintenance.

#### 4.01b SCHEDULING AND PROJECT COORDINATION

Develop a Design and Construction Phasing Plan and Schedule to complete the project as soon as possible and within the specified Construction Duration. The Phasing Plan and Schedule shall be developed in collaboration with P&R to minimize downtime and disturbance of the park, streetscape, and rights-of-way.

Optimize Design and Construction Services to take advantage of the Design-Build delivery method, minimize project delays, downtime, and lead times. Coordinate with the Curtis Hixon Park scope of work for additional efficiency wherever possible.

**4.01c COMMUNICATION AND INFORMATION SHARING**

Communicate and share information and materials regarding this project in a transparent, efficient, and professional manner.

Facilitate regular meetings during the design and construction phase. Meeting intervals and format (virtual or in-person) shall be agreed between the DB Firm and city staff.

Participate in at least two Community Advisory Committee meetings during the design phase.

Maintain an accurate project schedule so City staff can keep public information up to date.

Establish points of contact with surrounding neighbors and keep them informed of anticipated impacts during the construction phase.

**4.01d COMPLIANCE WITH GOVERNING CODES AND LIFE SAFETY**

All work shall comply with applicable Federal, State, and local codes including, but not limited to, the Florida Building Code, National Electric Code, OSHA requirements, and local building permit processes.

Comply with playground and equipment safety standards ASTM F1487-17 and U.S. Consumer Product Safety Commission "Public Playground Safety Handbook" (latest edition).

**4.01e COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT ET AL**

All work shall comply with the Americans with Disabilities Act, Florida Building Code – Accessibility, and Public Right-of-Way Accessibility Guidelines (PROWAG) where applicable.

**4.01f CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN**

Incorporate principles of Crime Prevention through Environmental Design (CPTED) where applicable.

**4.01g COMPLIANCE WITH CITY OF TAMPA ORDINANCES**

Comply with all municipal ordinances including, but not limited to, those regarding 1) Workforce Development, 2) Apprenticeship Training, 3) Equal Business Opportunity (EBO) Programs, and 4) Providing of required utilities as outlined in the City Ordinances and Forms of Agreements.

All respondents to this RFQ shall be aware of the City's desire to foster ongoing or developing programs such as apprenticeship, mentoring, and on-the-job training. Emphasis towards fostering a strong and talented local workforce, promoting an increase in school attendance and graduation rates, defining pathways through higher education, technical certification programs and career readiness are a City objective. Additionally, the championing of local business, removing barriers to access, and promoting diversity, and inclusion, in addition to that mentioned, are important criteria in the selection process(es).

**4.01h ENERGY SAVINGS**

Utilize materials, methodologies, and systems that reduce ongoing operating costs to the extent practical. This includes the use of sustainable and durable materials.

**4.01i NEW AND EMERGING TECHNOLOGIES**

New and emerging technologies/materials/products may be proposed if they meet the design intent and are beneficial to the project and community.

**4.01j ENVIRONMENTAL CRITERIA**

The existing park was constructed in 2012 and the streetscape improvements were completed in 2015. The City does not anticipate any contamination or environmental conditions that will impact the proposed improvements.

Comply with City of Tampa ordinance(s) regarding hours of work and noise. The site is surrounded by residential, retail, and commercial uses.

Manage sediment pollution per City requirements and NPDES as necessary. Manage dust throughout construction. Keep adjacent properties and rights-of-way clear of debris, litter, nails/screws, and other hazards or waste.

**4.01k SITE CONTROL AND PUBLIC ACCESS**

Control job site for security and safety.

Provide vehicular and pedestrian access routes or detours throughout construction as necessary and in accordance with City Standards and the FDOT (Florida Department of Transportation) Greenbook where applicable. Minimize the duration of sidewalk and roadway closures to the extent practical. Include anticipated closures in the project schedule.

**4.01l SURVEY AND VERIFICATION OF SITE CONDITIONS**

Survey data will be provided by Owner (Reference D) in PDF and AutoCAD format. Design-Build Firm shall perform any additional survey necessary to complete the work such as supplemental existing conditions, layout, and as-built.

**4.01m DESIGN AND PERMITTING**

Provide comprehensive design services, lead by a landscape architect or architect, with support from other professionals such as engineers, surveyors, and scientists as necessary.

The design process shall be iterative and collaborative- incorporating presentations and workshops as needed to develop an acceptable design. The P&R Project Manager, or designee, will review design phase submittals and must accept the final design and supporting information prior to permit application or construction.

Design services shall include all plans, details, specifications and supporting information necessary for permitting and construction. Provide written specifications via project manual, plan notes, or reference standards as necessary to construct and inspect the proposed work. If a controlling standard is not defined in this criteria package or provided as part of the design submittals, then the City Representative or P&R Project Manager may determine the standard.

The DB Firm shall be responsible for permit application, response and revision as necessary; the City's Contract Administration Department will be available for support during the permit process.

**4.01n DURABILITY AND QUALITY**

Provide materials, finishes, products and systems that are durable, commercial grade, and appropriate for use in public spaces with heavy use.

Construction and installation shall be workmanlike, true to plan, and free of defect at acceptance. See referenced standards (FBC, FDOT, etc) for additional quality criteria. If the DCP and reference standards do not address an item to be included in the project, then the DB Firm shall propose a controlling standard in the technical documents, which will inform the GMP.

**4.01o MAINTENANCE**

Design shall consider ongoing maintenance by P&R staff; materials, products, and systems shall be designed to facilitate maintenance, minimize long term cost, and avoid specialty or extensive maintenance.

**4.01p GUARANTEED MAXIMUM PRICE PROPOSAL**

Provide Guaranteed Maximum Price (GMP) Proposal including all supporting documents necessary for City Council resolution.

**4.01q SUBMITTALS**

Design phase submittals shall be made at regular intervals (30/60/90) and the project schedule shall include a reasonable review period, not less than 10 business days.

Construction submittals shall follow a typical process; include all materials, products, and fabrications to be used on the project; and will be processed using the "e-builder" platform provided by the City.

**4.01r DEMOLITION AND SITE PREPARATION**

Include all necessary site preparation, mitigation, and restoration. It is anticipated that the majority of the project site will need to be cleared - including the removal and mitigation of existing trees on the park parcel and some trees and palms in the affected streetscape.

Coordinate the removal and delivery of any salvageable site elements during the design phase and GMP preparation (e.g. fence panels, finials, planters, drinking fountains, backflow prevention device, shade fabric, bike racks, benches).

**4.01s CONSTRUCTION**

Construct improvements per the design criteria, approved permit documents, project specifications, submittals, shop drawings, etc.

**4.01t CLOSEOUT**

Provide comprehensive project closeout documentation and coordination including, but not limited to, as-built plans (pdf and AutoCAD), manuals, warranties, training, commissioning, etc.

**4.01u WARRANTY**

Provide 1 year warranty for workmanship, systems, and plant material. Provide manufacturer warranty for all products and materials used on the project.

**4.02 DESIGN CRITERIA – SCHEMATIC DESIGN**

4.02a The Schematic Design (Attachment A) was developed based on site context, community engagement, collaboration with city staff, and budget considerations. This attachment illustrates the design intent, site configuration, program elements, circulation patterns, materiality, etc.

4.02b The Schematic Design is inspired by Tampa's historic natural coastline, specifically the sustainability and adaptability of the historic oyster beds which have begun to repopulate Tampa Bay. The design incorporates natural forms, materials, and processes (e.g. infiltration) while also supporting cultural requirements of the park and streetscape (i.e. infrastructure and program).

4.02c The technical documents to be developed by the DB Firm shall generally comply with and advance the Schematic Design. Minor deviations from the Schematic Design may be proposed due to unforeseen conditions or as a refinement/advancement of the concept. Any significant deviation from the Schematic Design will require approval by P&R and CRA staff.

4.02d The public engagement and schematic design process identified these general elements to be included in the project, which are further described in Section 4.03 and supporting attachments:

- Activation & Event Opportunities
- Lighting & Safety
- Shade
- Dog Park(s)
- Play Opportunities, Including All-Abilities Opportunities.
- Connection To Streetscape
- Nature & Habitat Opportunities

## 4.03 DESIGN CRITERIA – REQUIRED IMPROVEMENTS

4.03a Provide complete renovation of the park and streetscape as described generally in previous sections and specifically per this section and supporting attachments.

### 4.03b HARDSCAPE

Provide hardscape elements including layout and materials as shown on the Schematic Design (Attachment A) and Hardscape Materials Basis of Design (Attachment B).

- Pavement in the park shall support regular pedestrian use, occasional events (including setup, deliveries, etc), and small service vehicles and lifts. Basis of design: JLG 400S Telescopic Boom Lift.
- Pavement in the right-of-way (streetscape) shall comply with the Channel District overlay requirements, provide service access to the park, and support utility vehicles and other trucks that will occasionally mount the curb *(refer to City of Tampa Transportation Technical Manual).*
- Plans shall include a joint layout that responds to the overall design, transitions to the streetscape standard, and provides necessary control, expansion, and isolation of poured in place concrete; uncontrolled cracking of pavement or vertical concrete will not be acceptable.
- Specify base preparation and testing as needed to meet criteria.
- Consider regular maintenance such as pressure washing in design and construction of hardscape.
- Integrate grading and elevation changes to obviate or minimize guardrails and handrails.
- Design pavement and footings to accommodate soil volume below pavement as needed.
- Provide anchor points in plaza for community Christmas tree; coordinate with Tampa Downtown Partnership or CRA for artificial tree dimensions. Anchors shall be stainless steel, below grade and concealed with inconspicuous, durable covers to compliment the plaza paving.

### 4.03c STORMWATER

Provide positive drainage throughout the park and streetscape to prevent standing water or saturated soil. Grade plaza to minimize inlets, depressions, or breaks in the plaza and connection walkways; incorporate trench drains or other systems as necessary to maximize the usable hardscape and minimize ponding. Visible drainage components (e.g. grates, manholes, cleanouts) shall correspond with the hardscape layout and materials.

Integrate stormwater conveyance and treatment system with soil volume system if practical.

### 4.03d DOG PARK

Provide fully fenced dog park areas generally as shown on the Schematic Design to include the following:

- 48” height fence to compliment other materials and finishes in park
- Separate areas for large and small dogs
- Artificial turf with permeable base course; option to integrate into stormwater system
- Irrigation rotors or sprays with 100% coverage for sanitation
- Planting areas with separate irrigation zone
- Soil volume below turf and/or pavement as needed to support trees
- Splash pad areas including complete equipment vault, filters, drainage, et al
- Seating
- Trash & waste receptacles
- Drinking fountains for people and dogs

### 4.03e ELECTRICAL

Provide a comprehensive electrical and lighting package; see Attachment C – Furnishings and Fixtures Basis of Design for additional information.

- Upgrade meter to 200 Amp service, 3 phase if available.
- All electrical, lighting, and irrigation shall be controlled by the City’s MIR control system; utilize existing controller on site; upgrade panel if necessary;
- Provide comprehensive photometric diagram.
- Provide area lighting throughout park for safety and security; consider impacts to surrounding neighbors (e.g. visibility of light source, overall brightness, dimming options).
- Park lighting system shall have an average 1.5 fc with uniformity of 4:1 or less Avg/Min and 10:1 or less Max/Min; 3000K to 4000K color temperature.
- Any proposed right-of-way or intersection lighting shall be per the FDOT Design Manual (FDM) and coordinated with the City of Tampa Smart Mobility Division.
- Maintain existing light poles in right-of-way; relocate and supplement if necessary.
- Maintain existing 5g poles in right-of-way.
- Provide integral LED lighting in shelter support posts with programmable color options; provide integral up-lighting to wash underside of pergola.
- Provide two 100 Amp power pedestals with cam lock connections in NEMA exterior rated enclosures; one at the shelter and one near the east property line.
- Provide 3 convenience receptacles throughout the park per the Basis of Design document.
- Provide a handhole at the Christmas tree location and a 4” conduit from the handhole to the nearest convenience receptacle to accommodate an extension cord.

- Coordinate with Tampa PD and Technology & Innovation during the design phase to accommodate future surveillance and wifi equipment (by others).

### 4.03f FURNISHINGS AND FIXTURES

Provide a comprehensive furnishing and fixture package including fixed and moveable furniture per Attachment A – Schematic Design and Attachment C – Furnishing and Fixtures Basis of Design.

- Provide additional furnishings as necessary to maximize functionality and flexibility of the park.
- Utilize natural materials such as wood, metal, and stone to correspond with the overall design intent.
- Provide companion spaces next to fixed seating to the extent practical, but not less than required by ADA.

### 4.03g STRUCTURES

Provide custom shelter as illustrated and described in Attachment A – Schematic Design.

- Shelter canopy shall be powder coated metal; design shall convey natural patterns such as ripples, contours, and oyster shell calcification; provide 50% minimum shade density (average) below canopy, not full coverage or rain protection.
- Shelter columns may be a combination of concrete and powder-coated metal with integral lighting; design columns to maximize usable space and minimize vertical obstructions. Concrete may be precast or cast-in-place.
- Integrate columns into seat wall with matched finish.
- All metalwork shall be shop-fabricated, fully welded and ground smooth prior to finishing; component pieces shall be designed, assembled and installed to minimize visible seams and fasteners.
- Integrate recessed lighting into columns to highlight the design of the custom shelter.

Provide perforated concrete screen wall at west property line as illustrated in Attachment A

- The wall may need to be permitted as a building structure to qualify for 0’ side setback; provide preliminary permit review services and variance support as needed.
- Wall may be precast or cast-in-place concrete; 12’ minimum to 16’ maximum height; Reference ACI 218 for precast concrete and ACI 303 for cast-in-place.
- Smooth or light sand finish to compliment shelter and seat walls
- Incorporate finishes and/or detailing to obscure dog urine at base of wall
- Provide integrated lighting for ambiance and highlighting of wall

Provide dog park overlook with concrete panel at fence line to match screen wall as illustrated in Attachment A

### 4.03h PLAY

Provide a play area as illustrated on Attachment A, but not less than 1,600 SF.

- Develop a nature-themed experience including natural materials and opportunities to interact with nature in a variety of ways.
- Accommodate the widest age range possible within the space available.
- Surface shall accommodate mobility devices; consider access for "all abilities" to enjoy the space and interact with various natural elements; balance access and challenge.
- Provide opportunities for social play, sensory engagement, discovery, and physical challenge.
- See Attachment B for surfacing materials, seat walls, and boulders
- See Attachment C for climbing net basis of design.

### 4.03i IRRIGATION

Provide a comprehensive irrigation system for the establishment and maintenance of plant material and for dog park sanitation.

Utilize existing well, controller, and appurtenances.

See Attachments E and F for additional information.

### 4.03j POTABLE WATER

Provide comprehensive potable water system including drinking fountains, dog bowls, and quick couplers (3). Include a remote control master valve, downstream of the backflow prevention assembly, controlled by the MIR system.

Utilize existing potable meter near southeast corner of park; option to reuse existing backflow prevention assembly.

See Attachment C – Furnishing and Fixtures, Attachment E – Irrigation Specifications, and Attachment F – Irrigation Details for additional information.

### 4.03k ARTWORK

Remove and dispose of existing "seagrass" sculpture. This is not a commissioned piece and not included in the city's art collection.

This park will not include a commissioned work of art as part of this renovation per direction received from the City's Arts Division on March 24, 2025.

The 1% required artwork funding will be used elsewhere in the Channel District and will not be a part of this DB contract.

### 4.03l SIGNAGE

Provide custom park name sign integrated into seat wall per Attachment A.

Provide 18" x 24" aluminum signs: park rules (1), dog park rules (2), service animals (1)

Provide 12" x 18" aluminum signs: large dogs (1), small dogs (1)

## 4.03m PLANT MATERIAL & APPURTENANCES

Provide comprehensive planting including, materials, installation, and establishment on the park site and streetscapes. See Attachment D – Plant Material Basis of Design

- Planting design shall create a full, layered palette of mostly evergreen species; material shall be selected and located to allow plants to achieve their natural shape, size, and character to the extent practical.
- Material shall be selected to minimize shearing, irrigation (after establishment), and chemical applications.
- Provide canopy trees on the north end of the park to maximize shade over the plaza, walkways, dog park, streetscape and roadway; consider seasonal shade patterns from surrounding buildings.
- Provide canopy and understory trees on the south end of the park for seasonal interest and definition of space; shade from trees is less critical on south end because of surrounding buildings.
- Consider dog park maintenance and regular irrigation (rinsing) of artificial turf when selecting plant material in/near dog parks; Do not use plants that are toxic or harmful to dogs inside/near the dog parks or at the entries.
- Planting shall include soil preparation, plants, mulch and appurtenant materials as needed.
- All plant material shall be Florida No. 1 per the Florida Grades and Standards for Nursery Stock, latest edition; field grown trees shall be sourced from Roots Plus Growers (or approved equal); cabbage palms shall be root regenerated.
- Canopy trees shall be 4” caliper, minimum, but as large as the project budget can afford.
- Shrubs and ground cover shall be sized and spaced to provide complete coverage in 12 months.
- Do not use lawn on the project.
- Plant material shall be mostly native and endemic to Central Florida
    - Canopy Trees & Palms = 100% Native
    - Understory Trees = 50% Native
    - Shrubs & Groundcover = 75% Native (based on coverage area)
- Provide soil per ASTM D568 Topsoil Used for Landscaping; 12” depth at shrubs & groundcover; 24” depth at trees; full volume of supported pavement system.
- Provide a 12 month warranty for all plant material. Plant material shall be Florida No. 1 quality at the end of the warranty period; all substandard material shall be replaced at no additional cost to the City. If maintenance is not provided during the warranty period, then provide regular monitoring and report any observed deficiencies and recommended corrections in writing.

### 4.03n SOIL VOLUME

Provide a minimum of 1,000 CF of soil volume for each canopy tree and 500 CF minimum for each understory tree and palm; connect soil volume wherever practical to maximize effectiveness.

- Provide supported pavement system such as Silva Cell (or approved equal) to meet the soil volume requirements.
- Supported pavement system can be located below pavement, playground, and dog park as needed; include details or permeability in pavement to allow water to reach the soil.
- Soil volume may be integrated into the stormwater treatment, storage, percolation, and conveyance strategy if practical; expand the system as budget allows to increase stormwater treatment and support trees long term.
- Soil volume can be incorporated into the dog park wash through system if practical.
- Supported pavement system shall meet the pavement loading requirements.

### 4.03o STREETSCAPE & INTERSECTION IMPROVEMENTS

Provide complete renovation of streetscape in limits shown on Attachment G.

- Remove existing pavement and install new per Channel District Overlay requirements.
- Reconfigure parking spaces to accommodate expanded planting areas with canopy trees.
- Provide soil volume for street trees per Item 4.03n.
- Reorient curb ramps to align with crosswalks and eliminate CR-L style ramps on south side of Washington Street if possible.
- Provide canopy trees wherever possible, understory trees, and fully planted islands
- Provide decorative barriers to protect plants in islands
- Remove atypical pavement from intersection, repave with asphalt and re-stripe per FDOT, MUTCD, and Mobility Department standards.
- Coordinate improvements on east side of 12$^{th}$ St with adjacent property and business owners. Replace pavement, remove artificial turf, provide minimum soil volume for canopy trees, replace trees if necessary, protect trees from car strikes and excess dog urine, adjust light poles and utilities if necessary, other incidental and resultant work.
- Streetscape and intersection design shall be per NACTO Urban Street Design Guide, then Tampa Transportation Technical Manual, then FDOT Greenbook where applicable.

## 4.04 DESIGN CRITERIA – ATTACHMENTS (Owner Provided Material)

The following attachments were prepared by consultants and/or compiled by the City of Tampa Parks & Recreation Department (P&R). Attachments provide supplemental information to further describe or quantify the written criteria and shall be considered required criteria.

4.04a ATTACHMENT A – Schematic Design

4.04b ATTACHMENT B – Hardscape Basis of Design

4.04c ATTACHMENT C – Furnishings and Fixtures Basis of Design

4.04d ATTACHMENT D – Plant Material Basis of Design

4.04e ATTACHMENT E – Limit of Work

4.04f ATTACHMENT F – City of Tampa Standard Irrigation Details

4.04g ATTACHMENT G – City of Tampa Standard Irrigation Specifications

4.04h ATTACHMENT H – City of Tampa Standard Planting Specifications

**SECTION 5: REFERENCE DOCUMENTS (Owner Provided Material)**

5.01 Reference documents are provided for background and context. These documents do not include minimum criteria or required improvements. These documents have been prepared by consultants and/or compiled by P&R.

5.01a REFERENCE DOCUMENT A- Phase 1 Dream and Discover

5.01b REFERENCE DOCUMENT B- Phase 2 Conceptual Design document

5.01c REFERENCE DOCUMENT C – CRA Board Meeting Presentation

5.01d REFERENCE DOCUMENT D – Existing As-Built and Topographic Survey (PDF and AutoCAD)

5.01e REFERENCE DOCUMENT E – AutoCAD files for various Attachments

**RFQ 26-C-00025 DESIGN-BUILD SERVICES**
**AND RELATED, ASSOCIATED, AND SUBSEQUENT WORK**
**FOR**
**CURTIS HIXON WATERFRONT PARK IMPROVEMENTS**

# DESIGN CRITERIA PACKAGE

PREPARED BY:

Walter Anthony “Tony” Monk, RLA
City of Tampa Parks & Recreation Department


CITY OF TAMPA

March 17, 2026

# SECTION 1: GENERAL INFORMATION

## 1.01 PURPOSE & INTENT

This Design Criteria Package (DCP) has been prepared for a Request for Qualifications (RFQ-26-C-00025) for Design-Build Services for Curtis Hixon Waterfront Park Improvements. The required improvements (4.03) address several durability, operational and maintenance concerns; however, the overall design, materials, finishes and details shall result in a cohesive project. The improvements shall integrate and complement existing park facilities to remain; integrate or transition to adjacent facilities; consider site and community context; and consider user experience.

## 1.02 SITE

Curtis Hixon Waterfront Park (CHWP) is located in Downtown Tampa at 600 N Ashley Dr. The park was constructed in 2009, opened January 2010 and is operated by the City of Tampa Parks & Recreation Department (P&R). The +/-13.7 acre park property includes the Tampa Museum of Art, Glazer Children's Museum and a portion of the Tampa Riverwalk. The limit of work for this project is approximately 4.5 acres focusing on the core of the park between Ashley Drive and the Hillsborough River. The project area extends to the back of curb in the Ashley Drive right-of-way.

## 1.03 SCOPE OF SERVICES

Provide comprehensive services under a single Design-Build contract to deliver the improvements described in this DCP. Services shall include, but are not limited to, the following:

- Comprehensive project scheduling and project management.
- Comprehensive professional design services including, but not limited to, landscape architecture, engineering (civil, electrical, structural, et al) and architecture as needed.
- Survey services including, but not limited to, boundary, topographic, trees, layout, and as-built.
- Iterative submittal and review process of plans and pricing at 30%, 60%, and 90%.
- Equal Business Opportunity submittal at 60%.
- Comprehensive job site control and erosion control systems.
- Utility location services as needed.
- Comprehensive demolition, construction, grading, fabrication, and construction administration services.
- Obtain and comply with all required permits including City of Tampa and other authorities having jurisdiction.
- Compliance with all applicable governing codes, laws, regulations, and ordinances including site, environmental, building, and landscaping.
- Compliance with the American with Disabilities Act (ADA) and Florida Building Code | Accessibility
- As-built plans in latest AutoCAD release.
- Complete closeout documents, technical specifications, shop drawings, and attachments in PDF Format.
- Comprehensive cost estimating services and Guaranteed Maximum Price (GMP) Proposal resulting in a single GMP contract for construction phase services.

**1.04 BUDGET**

1.04a Initial Design and Pre-Construction Services: $400,000

1.04b Construction: $4,800,000

1.04c Total: $5,200,000

The budget to execute this project shall be determined as part of the design and pre-construction efforts with the possibility of additional or future work becoming a subsequent and separate RFQ and project

**1.05 SCHEDULE**

1.05a Initial Design and Pre-Construction Services: Not to Exceed 6 Months

1.05b Start Date for Construction: Following 2026/2027 Event Season which culminates with Tampa Riverfest around the first weekend of May. Minor work may begin sooner if special events are not disturbed.

1.05c Project Construction Duration: Not to Exceed 1 Year if full closure is proposed;

## SECTION 2: RFQ RESPONSE

2.01 See public announcement for overall RFQ response requirements.

2.02 Submit qualifications and experience of the lead firm, consultants, sub-contractors, and key team members.

2.03 Demonstrate experience with the Design-Build delivery method including efficiencies such as parallel scheduling to minimize downtime, delays and lead-times.

2.04 Shortlisted firms will present an estimated project schedule to minimize the duration of park closures and impacts to special events. Strategy may consider a full closure of the limits of work, phasing minor and major work to correspond with event season (October through April), or some combination of phasing and closures. Respondents may present two distinct scheduling strategies for consideration.

2.05 Demonstrate experience developing iterative pricing (e.g. 30, 60, 90) culminating in a GMP Proposal.

2.06 Demonstrate experience advancing Schematic Design (Owner provided) through technical documents, permitting, construction, and closeout.

2.07 Demonstrate previous successful experience designing and constructing comparable projects including, but not limited to, public parks, streetscapes, recreation facilities, playgrounds, dog parks and similar facilities.

2.08 Demonstrate previous work in urban context and with materials described in this DCP (Section 4) including attachments.

2.09 Demonstrate competency and experience regarding the laws and regulations governing public health, safety, welfare and access including, but not limited to The Florida Building Code, National Electric Code, Americans with Disabilities Act, local codes, local permitting process, job site safety, regulatory agency reviews, etc.

2.10 Curtis Hixon Waterfront Park is a public park. Respondents are encouraged to visit the park prior to submitting qualifications; however, there will not be a formal, prerequisite site visit.

## SECTION 3: BASIS OF DESIGN

3.01 This DCP presents information and product data as a basis of design – it is not a specification, prescriptive checklist, nor substitute for site visitation(s) prior to submission. The DCP describes minimum criteria and is not intended to replace the professional judgement of competent licensed, Professionals including, but not limited to: Landscape Architects, Architects, Engineers, General Contractors, Subcontractors, and Fabricators. Alternate materials, products, and systems may be proposed that conform with the minimum criteria and design intent.

3.02 Existing site information and presentations are provided for reference; see section 5.

3.03 The attached Schematic Design and written criteria (Section 4.03) include required improvements (Section 4.03) and secondary improvements (Section 4.04), which will be included if budget is available based on iterative design and cost estimating.

3.04 The written criteria provided below represent the minimum required improvements. The attachments listed in Section 4.05 provide supplemental information to further describe or quantify the written criteria. If there is a disparity between the written criteria and attachments, then the document that best meets the design intent will apply.

## SECTION 4: DESIGN CRITERIA

### 4.01 DESIGN CRITERIA – GENERAL

### 4.01a DESIGN-BUILD TEAM REQUIREMENT

The Design-Build team shall have suitable personnel, equipment, resources, finances, and experience to accomplish the project objectives. The Design Build team shall be responsible for every phase of work, task and activity including, but not limited to, project management, design, permitting, engineering, construction, fabrication, and construction administration required to fully execute the scope of work. The Design-Build team shall conduct all testing, obtain all approvals, and provide systems training for use, occupancy and maintenance.

### 4.01b SCHEDULING AND PROJECT COORDINATION

Develop a Design and Construction Phasing Plan and Schedule to complete the project as soon as possible and within the specified Construction Duration. The Phasing Plan and Schedule shall be developed in collaboration with P&R to minimize downtime and disturbance of the park, streetscape, and rights-of-way.

Optimize Design and Construction Services to take advantage of the Design-Build delivery method, minimize project delays, downtime, and lead times. Coordinate with the Curtis Hixon Park scope of work for additional efficiency wherever possible.

### 4.01c COMMUNICATION AND INFORMATION SHARING

Communicate and share information and materials regarding this project in a transparent, efficient, and professional manner.

Facilitate regular meetings during the design and construction phase. Meeting intervals and format (virtual or in-person) shall be agreed between the DB Firm and city staff.

Participate in at least two Community Advisory Committee meetings during the design phase.

Maintain an accurate project schedule so City staff can keep public information up to date.

Establish points of contact with surrounding neighbors and keep them informed of anticipated impacts during the construction phase.

**4.01d COMPLIANCE WITH GOVERNING CODES AND LIFE SAFETY**

All work shall comply with applicable Federal, State, and local codes including, but not limited to, the Florida Building Code, National Electric Code, OSHA requirements, and local building permit processes.

Comply with playground and equipment safety standards ASTM F1487-17 and U.S. Consumer Product Safety Commission "Public Playground Safety Handbook" (latest edition).

**4.01e COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT ET AL**

All work shall comply with the Americans with Disabilities Act, Florida Building Code – Accessibility, and Public Right-of-Way Accessibility Guidelines (PROWAG) where applicable.

**4.01f CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN**

Incorporate principles of Crime Prevention through Environmental Design (CPTED) where applicable.

**4.01g COMPLIANCE WITH CITY OF TAMPA ORDINANCES**

Comply with all municipal ordinances including, but not limited to, those regarding 1) Workforce Development, 2) Apprenticeship Training, 3) Equal Business Opportunity (EBO) Programs, and 4) Providing of required utilities as outlined in the City Ordinances and Forms of Agreements.

All respondents to this RFQ shall be aware of the City's desire to foster ongoing or developing programs such as apprenticeship, mentoring, and on-the-job training. Emphasis towards fostering a strong and talented local workforce, promoting an increase in school attendance and graduation rates, defining pathways through higher education, technical certification programs and career readiness are a City objective. Additionally, the championing of local business, removing barriers to access, and promoting diversity, and inclusion, in addition to that mentioned, are important criteria in the selection process(es).

**4.01h ENERGY SAVINGS**

Utilize materials, methodologies, and systems that reduce ongoing operating costs to the extent practical. This includes the use of sustainable and durable materials.

**4.01i NEW AND EMERGING TECHNOLOGIES**

New and emerging technologies/materials/products may be proposed if they meet the design intent and are beneficial to the project and community.

**4.01j ENVIRONMENTAL CRITERIA**

The existing park was constructed in 2012 and the streetscape improvements were completed in 2015. The City does not anticipate any contamination or environmental conditions that will impact the proposed improvements.

Comply with City of Tampa ordinance(s) regarding hours of work and noise. The site is surrounded by residential, retail, and commercial uses.

Manage sediment pollution per City requirements and NPDES as necessary. Manage dust throughout construction. Keep adjacent properties and rights-of-way clear of debris, litter, nails/screws, and other hazards or waste.

**4.01k SITE CONTROL AND PUBLIC ACCESS**

Control job site for security and safety.

Provide vehicular and pedestrian access routes or detours throughout construction as necessary and in accordance with City Standards and the FDOT (Florida Department of Transportation) Greenbook where applicable. Minimize the duration of sidewalk and roadway closures to the extent practical. Include anticipated closures in the project schedule.

**4.01l SURVEY AND VERIFICATION OF SITE CONDITIONS**

The City will provide construction plans, as-built drawings, and other existing condition information in pdf and AutoCAD format. This information may not be comprehensive. Awardee shall perform any additional survey necessary to complete the work such as supplemental existing conditions, layout, and as-built.

Provide a comprehensive survey of the as-built work and existing conditions throughout the park following completion of the work. The extents of this survey will be Ashley Dr, Cass St / Gasparilla Plaza, Hillsborough River, and Twiggs St. Review detailed scope of survey during GMP negotiation (e.g. topography, trees, utilities).

Provide boundary survey if necessary for permitting. If a boundary survey is not necessary for design and permitting, The City may still opt to include this work for future reference.

**4.01m DESIGN AND PERMITTING**

Provide comprehensive design services, lead by a landscape architect or architect, with support from other professionals such as engineers, surveyors, and scientists as necessary.

The design process shall be iterative and collaborative – incorporating presentations and workshops as needed to develop an acceptable design. The P&R Project Manager, or designee, will review design phase submittals and must accept the final design and supporting information prior to permit application or construction.

Design services shall include all plans, details, specifications and supporting information necessary for permitting and construction. Provide written specifications via project manual, plan notes, or reference standards as necessary to construct and inspect the proposed work. If a controlling standard is not defined in this criteria package or provided as part of the design submittals, then the City Representative or P&R Project Manager may determine the standard.

The DB Firm shall be responsible for permit application, response and revision as necessary; the City's Contract Administration Department will be available for support during the permit process.

**4.01n DURABILITY AND QUALITY**

Provide materials, finishes, products and systems that are durable, commercial grade, and appropriate for use in public spaces with heavy use.

Construction and installation shall be workmanlike, true to plan, and free of defect at acceptance. See referenced standards (FBC, FDOT, etc) for additional quality criteria. If the DCP and reference standards do not address an item to be included in the project, then the DB Firm shall propose a controlling standard in the technical documents, which will inform the GMP.

**4.01o MAINTENANCE**

Design shall consider ongoing maintenance by P&R staff; materials, products, and systems shall be designed to facilitate maintenance, minimize long term cost, and avoid specialty or extensive maintenance.

**4.01p GUARANTEED MAXIMUM PRICE PROPOSAL**

Provide Guaranteed Maximum Price (GMP) Proposal including all supporting documents necessary for City Council resolution.

**4.01q SUBMITTALS**

Design phase submittals shall be made at regular intervals (30/60/90) and the project schedule shall include a reasonable review period, not less than 10 business days.

Construction submittals shall follow a typical process; include all materials, products, and fabrications to be used on the project; and will be processed using the "e-builder" platform provided by the City.

**4.01r DEMOLITION AND SITE PREPARATION**

Include all necessary site preparation, mitigation, and restoration. It is anticipated that the majority of the project site will need to be cleared - including the removal and mitigation of existing trees on the park parcel and some trees and palms in the affected streetscape.

Coordinate the removal and delivery of any salvageable site elements during the design phase and GMP preparation (e.g. fence panels, finials, planters, drinking fountains, backflow prevention device, shade fabric, bike racks, benches).

**4.01s CONSTRUCTION**

Construct improvements per the design criteria, approved permit documents, project specifications, submittals, shop drawings, etc.

**4.01t CLOSEOUT**

Provide comprehensive project closeout documentation and coordination including, but not limited to, as-built plans (pdf and AutoCAD), manuals, warranties, training, commissioning, etc.

See Item 4.01l for post-construction survey.

**4.01u WARRANTY**

Provide 1 year warranty for workmanship, systems, and plant material. Provide manufacturer warranty for all products and materials used on the project.

**4.02 DESIGN CRITERIA – SCHEMATIC DESIGN**

4.02a The Schematic Design (Attachment A) was developed based on site context, community engagement, collaboration with city staff, and budget considerations. This attachment illustrates the design intent, site configuration, program elements, circulation patterns, materiality, etc.

4.02b The Schematic Design is inspired by Tampa's historic natural coastline, specifically the sustainability and adaptability of the historic oyster beds which have begun to repopulate Tampa Bay. The design incorporates natural forms, materials, and processes (e.g. infiltration) while also supporting cultural requirements of the park and streetscape (i.e. infrastructure and program).

4.02c The technical documents to be developed by the DB Firm shall generally comply with and advance the Schematic Design. Minor deviations from the Schematic Design may be proposed due to unforeseen conditions or as a refinement/advancement of the concept. Any significant deviation from the Schematic Design will require approval by P&R and CRA staff.

4.02d The public engagement and schematic design process identified these general elements to be included in the project, which are further described in Section 4.03 and supporting attachments:

- Activation & Event Opportunities
- Lighting & Safety
- Shade
- Dog Park(s)
- Play Opportunities, Including All-Abilities Opportunities.
- Connection To Streetscape
- Nature & Habitat Opportunities

## 4.03 DESIGN CRITERIA – REQUIRED IMPROVEMENTS

4.03a Provide complete renovation of the park and streetscape as described generally in previous sections and specifically per this section and supporting attachments.

### 4.03b REINFORCED CONCRETE PAVEMENT

Replace segmental concrete pavers throughout the limit of work with reinforced concrete pavement.

- Existing pavers are set on compacted base material, which may be stockpiled and reused on the project if appropriate.
- Concrete pavement shall be 6” thick with 6x6xW1.4 welded wire fabric, minimum; however, the Awardee shall design a complete pavement system, including concrete, steel, subgrade and base preparation, to support pedestrian, vehicle, and equipment loads and turning movements. Uncontrolled cracking will not be acceptable.
- The minimum design vehicle is a Ford F450, two axle, six tire utility truck (FHWA Class 5)
- The minimum design equipment is a JLG 400S Telescopic Boom Lift
- Pedestrian loading shall be considered at festival capacity such as __ people per __ square feet or 100 lbs per square foot.
- Awardee shall provide technical specifications to define the quality, materials, products, and execution of the pavement system. Specifications may be based on FDOT, ACI, or another mutually agreed standard.
- Pavement shall contrast existing white precast concrete curbs and walls while also coordinating with other existing and proposed pavement (e.g. Riverwalk granite pavers, museum promenade pavement). Pavement shall include integral color, special aggregate(s), special finishing (e.g. sandblasting) as needed to produce the desired appearance.
- Pavement joints shall be shown on a plan and thoughtfully designed with respect to the user experience, scale, and finished appearance of the park. The effect shall be a park space that prioritizes people, not a roadway or utilitarian facility.
- Generally, maintain existing grades and elevations; notify City if any areas are not ADA compliant and provide recommendations to comply. New handrails and guardrails are not anticipated nor desired in the park.
- Pavement shall be designed to accommodate soil volume systems at proposed trees and palms including permeability where necessary.

### 4.03c HEAVY TRUCK ROUTE

Provide a route for heavy trucks to load in/out of the park more or less as shown on plan. This route shall meet the same standards as the reinforced concrete pavement and be capable of supporting an 18 wheel, 5-axle tractor trailer (FHWA Class 9). Provide a vehicle tracking analysis.

Study an alternate truck route for possible construction and operational efficiency.

### 4.03d GRANITE PAVERS ON CONCRETE BASE

Replace concrete pavers within Riverwalk and secondary (future) shelter with linear granite pavers on concrete base.

- Match material, dimensions, and layout from Riverwalk pedestrian bridge south of the park. Matching granite is available from Coldspring USA (www.coldspringusa.com).
- Pavement system shall support the minimum design equipment and include joints to prevent uncontrolled cracking.
- Provide 1,000 SF of granite paver attic stock. Quantity of square and plank style pavers to be determined by City of Tampa Logistics and Asset Management (LAM) prior to placing order.

### 4.03e ASHLEY DRIVE SIDEWALK

Replace concrete pavers within Ashley Drive right-of-way with poured in place concrete sidewalk. Sidewalk pavement may extend slightly into park parcel if appropriate based on overall design.

- Provide concrete quality and thickness per City of Tampa Transportation Technical Manual; provide thickened pavement at driveway access points
- Continue joint pattern from park to create a consistent design and cohesive experience.

### 4.03f MUSEUM PROMENADE PAVEMENT

Replace concrete pavers on museum promenade with poured in place concrete pavement.

- White pavers shall be replaced with white cement concrete to match existing pavement below the Tampa Museum of Art overhang. Grind and joint pavement to match finish.
- Pink paver borders shall be replaced with integrally colored concrete to match the new pavement through the park.
- This pavement is not intended to carry cars and trucks; review typical maintenance equipment with TMoA and Glazer Children's Museum during design development.
- Adjust metal frames and/or expand permeable surface area at base of washingtonia palms as needed to accommodate root mass and maintain accessible pavement.

### 4.03g STAGE PAVEMENT

Finish existing pavement to match new integrally colored concrete (more or less); prepare mockups. Include minor repairs or replacement as needed.

### 4.03h KILEY RAMP

Replace concrete pavers at base of Kiley Garden access ramp with poured in place concrete to match existing ramp color and pattern. Match loading of Riverwalk pavement.

### 4.03i SPLASH PAD

Replace granite pavers with poured in place concrete and relocate concrete cubes to restrict vehicle access onto splash pad. Intact granite pavers may be reused on project. Repair and replace in-ground lighting as necessary.

### 4.03j ACCESS MANAGEMENT

Provide fixed and removable bollards, concrete cubes, and other strategies as necessary to manage vehicle access into the park and onto the Riverwalk.

- Fixed bollard basis of design product: Atkore, Calpipe 8", Sch 40 stainless steel fixed bollard, 36" tall with flat cap, brushed finish (SSF08040-304-36-12-F).
- Removable bollard basis of design product: Atkore, Calpipe 8", Sch 40 stainless steel removable bollard, 36" tall with flat cap and additional lifting handle, brushed finish (SSP08040-304-36-12-F).
- Include additional embedment sleeves near removable bollards so they can be stored vertically while access is open.

### 4.03k MIST FOUNTAIN

Remove mist fountain at waterfront and associated equipment in utility closet. Replace granite pavers with reinforced concrete. Intact granite pavers may be reused on project.

### 4.03l WOOD DECKS

Remove wood decks from event lawn including footings, lighting, conduit, wiring et al.

### 4.03m EVENT LAWN

Renovate event lawn to improve drainage, maintenance, and durability for special events and open play. Integrated surface reinforcing systems that limit play and complicate future maintenance or turf replacement are not preferred.

- Event lawn shall be natural turf. Artificial turf is not acceptable.
- Design a comprehensive field profile system including soil improvements and subsurface drainage.
- Study existing conditions to develop design recommendations. Auger, bore, or pothole as needed during Initial Services phase. As-built drawings from the 2009 construction indicate remnant monolithic concrete foundations below most of the upper lawn at an elevation of +/-7.0' resulting in +/-2' of cover at the shallow end of the lawn; this area of lawn has not presented any poor performance due to the buried slab, but should be considered.
- Remove or modify existing soil and/or fill material as needed for the long term performance and durability of the event lawn.
- Renovate irrigation system to account for slope, permeability, and runoff; separate zones by elevation if necessary; provide smaller zones if necessary for more precise application.
- Review turf species and varieties with P&R Athletic Field Maintenance Division

### 4.03n TERRACED LAWN

Improve soil, permeability, and irrigation of terraced lawn areas; install all new sod. Drainage improvements may be considered if they are within budget, but it's more likely that permeability will be improved by scarifying or perforating sub-grade layers. Terraced lawn improvements will include the area below the proposed shade structure if that feature is not included in the project.

### 4.03o CANOPY TREES ADJACENT TO ASHLEY DRIVE

Add a minimum of 10 "Type 1" canopy trees along the east property line, adjacent to Ashley Drive.

- Verify the location, depth, and type of buried telecommunication lines in the area as indicated on the 2009 base files. Tree planting will need to be coordinated with these utility locations or some reasonable adjustments included in the project.
- Trees shall have a 4" minimum caliper and 7' minimum clear trunk.
- Provide a minimum of 500 CF of soil volume below concrete pavement surrounding each canopy tree; connect soil volume wherever practical to maximize effectiveness. Basis of design product: DeepRoot Silva Cell 1.5X. Soil volume will not be counted below the depth of the root ball at installation. Include drains, ports, irrigation, or other strategies to allow water into the soil system.
- Tree well size and surface material shall be consistent with the urban context of the streetscape. Size shall not exceed 10' length or width. Surface material shall be permeable, flexible, bonded aggregate such as KBI Flexipave or perkEpave.
- Provide irrigation and integrate with tree well details.

### 4.03p UPPER PALM PLAZA

Renovate the palm plaza near the splash pad.

- Remove all existing palms and stumps.
- Add a minimum of 9 new palms with a minimum 15' clear trunk. The final number of palms will be determined by species selection and the layout of the plaza. Phoenix species will not be acceptable.
- Palm plaza shall be a minimum of 3,500 SF defined by contrasting material, texture, pattern of some combination.
- Provide soil volume below the entire palm plaza. Basis of design product: DeepRoot Silva Cell 1.5X. Include drains, ports, irrigation, permeable pavement or other strategies to allow water into the soil system.
- Tree well size and surface material shall be consistent with the urban context of the plaza. Size shall not exceed 10' length or width. Surface material shall be permeable, flexible, bonded aggregate such as KBI Flexipave or perkEpave.
- Renovate irrigation and integrate with tree well details.
- Restore multicolor, programmable tree spotlights. Explore alternate lighting strategy such as pole-mounted lights in lieu of tree straps.

### 4.03p LOWER PALM PLAZAS

Add soil volume and replace washingtonia palms at lower plaza, near Riverwalk.

- Remove all existing palms and stumps.
- Replace washingtonia palms with a non-invasive, larger canopy species such as Bismarck palm, California fan palm, or Puerto Rico hat palm. 15' minimum clear trunk, 20' preferred.
- Provide a minimum of 150 CF of soil volume below concrete pavement surrounding each palm. Basis of design product: DeepRoot Silva Cell 1.5X. Soil volume will not be counted below the depth of the root ball at installation.
- Restore irrigation.

### 4.03q ORNAMENTAL TREES

Add 3 ornamental trees at the NE corner of the park, 15' minimum overall height.

### 4.03r SOIL AND PLANTING IMPROVEMENTS

Improve soil for existing live oaks and provide comprehensive planting throughout tree beds as shown on schematic design (+/-6,500 SF).

- Develop and implement a soil improvement strategy based on existing conditions to include vertical mulching, air excavation, organic amendment, organic mulch, hard pan perforation, etc.
- Install shrubs, grasses, and ground cover throughout the beds. Collaborate with the City Horticulturalist and park staff to develop a plant palette that is durable and maintainable.
- Repair, restore, or renovate irrigation as needed.

### 4.03s STORMWATER

Generally maintain existing surface drainage patterns, stormwater collection and conveyance systems. Provide positive drainage to prevent standing water or saturated soil.

- Preserve or replace inlet covers and other visible infrastructure as needed to compliment the finished pavement and meet loading / durability requirements.
- Integrate stormwater conveyance and treatment system with soil volume system if practical.
- Connect event lawn drainage system to stormwater conveyance and discharge if necessary.
- Final design shall not increase impervious surface area. The addition of tree wells and permeable surfaces should result in a net reduction of impervious area.
- Secure any necessary exemptions or permits for the proposed work.

### 4.03t RESTROOM IMPROVEMENTS

Evaluate, design, and renovate restrooms up to and including full replacement of plumbing, ventilation, lighting, finishes, fixtures, and doors if necessary.

### 4.03u RESTORATION AND CLEANUP

Restore all existing facilities to pre-existing condition or better.

- Final cleanup shall include pressure washing existing pavement and precast concrete curbs and walls within and adjacent to the limit of work to deliver a tidy finished project.
- Include minor patches, repairs and other cleanup as needed.
- Remove any graffiti, stickers, or similar defacing elements in the limit of work.

### 4.03v ARTWORK

This park will not include a commissioned work of art as part of this renovation as confirmed with the Arts Division on February 27, 2026. The required Arts funding will be used elsewhere in the Downtown CRA District.

The 1% required Arts funding will be provided by this project fund source, but has already been earmarked separately from the advertised budget. The selected Firm will not need to subtract 1% from cost estimates or the GMP proposal. City staff will manage Arts funding.

**4.04 DESIGN CRITERIA – SECONDARY IMPROVEMENTS**

4.04a HIGH CANOPY SHADE STRUCTURE

Add shade structure(s) over the northern terraces as depicted on the schematic design plan.

- Shade structure(s) may be fabric or fixed roof; either system shall be compatible with the overall park design and adjacent museum buildings. Consider views to/from TMoA.
- Replace lawn on terraces with appropriate surfacing (lawn won't succeed in shaded, high-traffic areas). Permeable poured-in-place rubber, hardwood or thermally modified decking, or some combination of materials. Artificial turf is not acceptable.
- Provide accessible route to a shaded terrace level; adjust adjacent walkway pavement and remove an existing tree where necessary.

4.04b RIVERFRONT SHELTER

Add shelter at SW corner of park to match existing shelter near the Riverwalk including granite pavers and more or less as shown on Schematic Design.

4.04c SECONDARY PALM PLAZA

Add palm plaza at SE corner of park near Ashley and Twiggs. Match details from new upper palm plaza including pavement, soil volume, lighting, irrigation, and palm species.

**4.05 DESIGN CRITERIA – ATTACHMENTS (Owner Provided Material)**

The following attachments were prepared by consultants and/or compiled by the City of Tampa Parks & Recreation Department (P&R). Attachments provide supplemental information to further describe or quantify the written criteria and shall be considered required criteria.

4.04f ATTACHMENT F – City of Tampa Standard Irrigation Details

4.04g ATTACHMENT G – City of Tampa Standard Irrigation Specifications

4.04h ATTACHMENT H – City of Tampa Standard Planting Specifications

4.04i ATTACHMENT I – Schematic Design

**SECTION 5: REFERENCE DOCUMENTS (Owner Provided Material)**

5.01 Reference documents are provided for background and context. These documents do not include minimum criteria or required improvements. These documents have been prepared by consultants and/or compiled by P&R.

5.01e REFERENCE DOCUMENT E – AutoCAD Files for Various Attachments

5.01f REFERENCE DOCUMENT F – 1993 AutoCAD

5.01g REFERENCE DOCUMENT G – 2009 Construction Plans PDF

5.01h REFERENCE DOCUMENT H – 2009 Construction Photos

5.01i REFERENCE DOCUMENT I – 2010 As-Built Plans (PDF and AutoCAD)

5.01j REFERENCE DOCUMENT J – Utility Information (PDF and AutoCAD)

5.01k REFERENCE DOCUMENT K – Legal Description

5.01k REFERENCE DOCUMENT L – Tampa Museum of Art Lease Agreement and Exhibits

5.01l REFERENCE DOCUMENT M – Children's Museum Lease Agreement and Exhibits

# ATTACHMENT A - SCHEMATIC DESIGN

WASHINGTON STREET PARK IMPROVEMENTS

DIX·HITE

Parks& Recreation CITY OF TAMPA

TAMPACRA CHANNEL DISTRICT

# SCHEMATIC PLAN

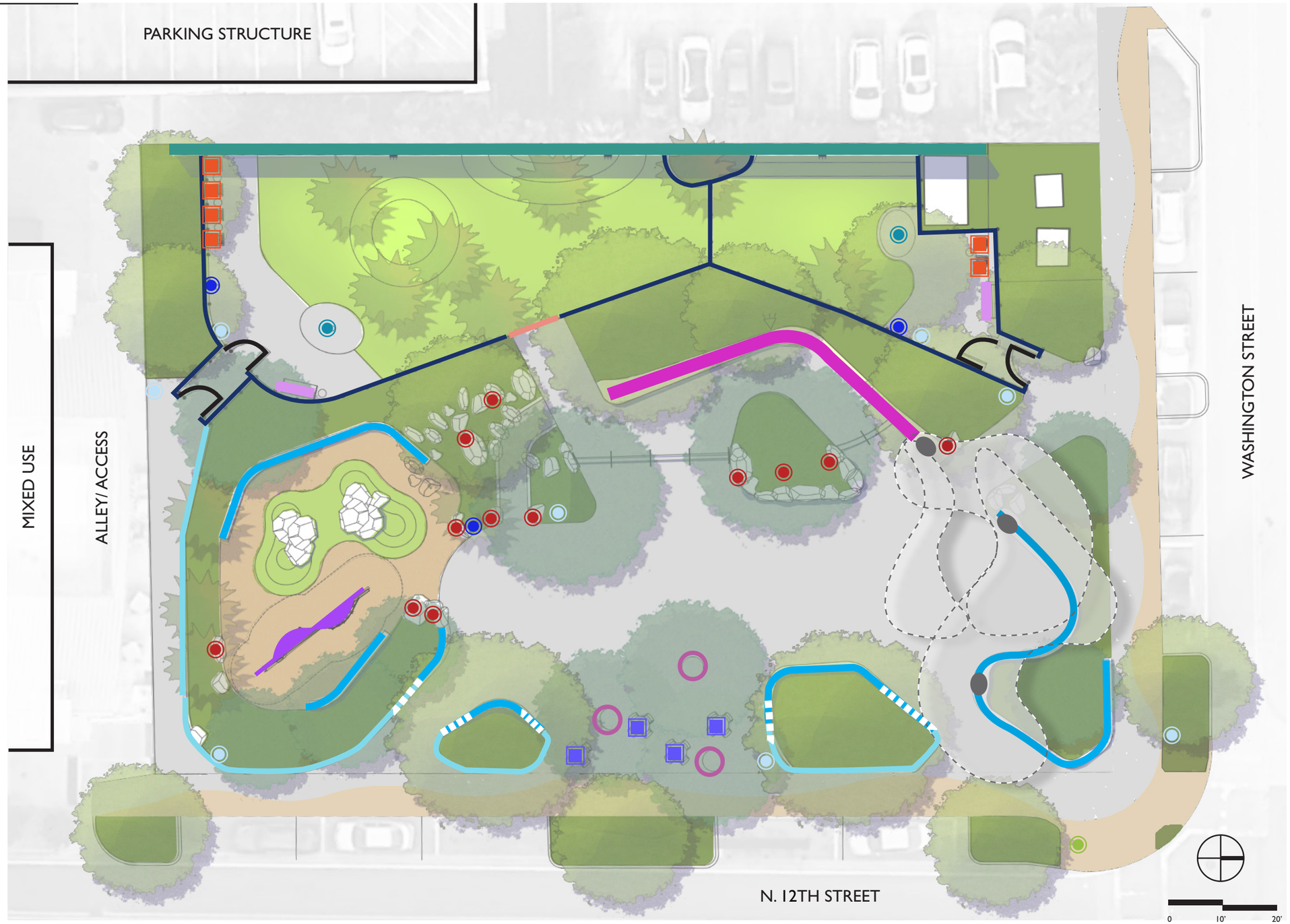
## KEY LEGEND

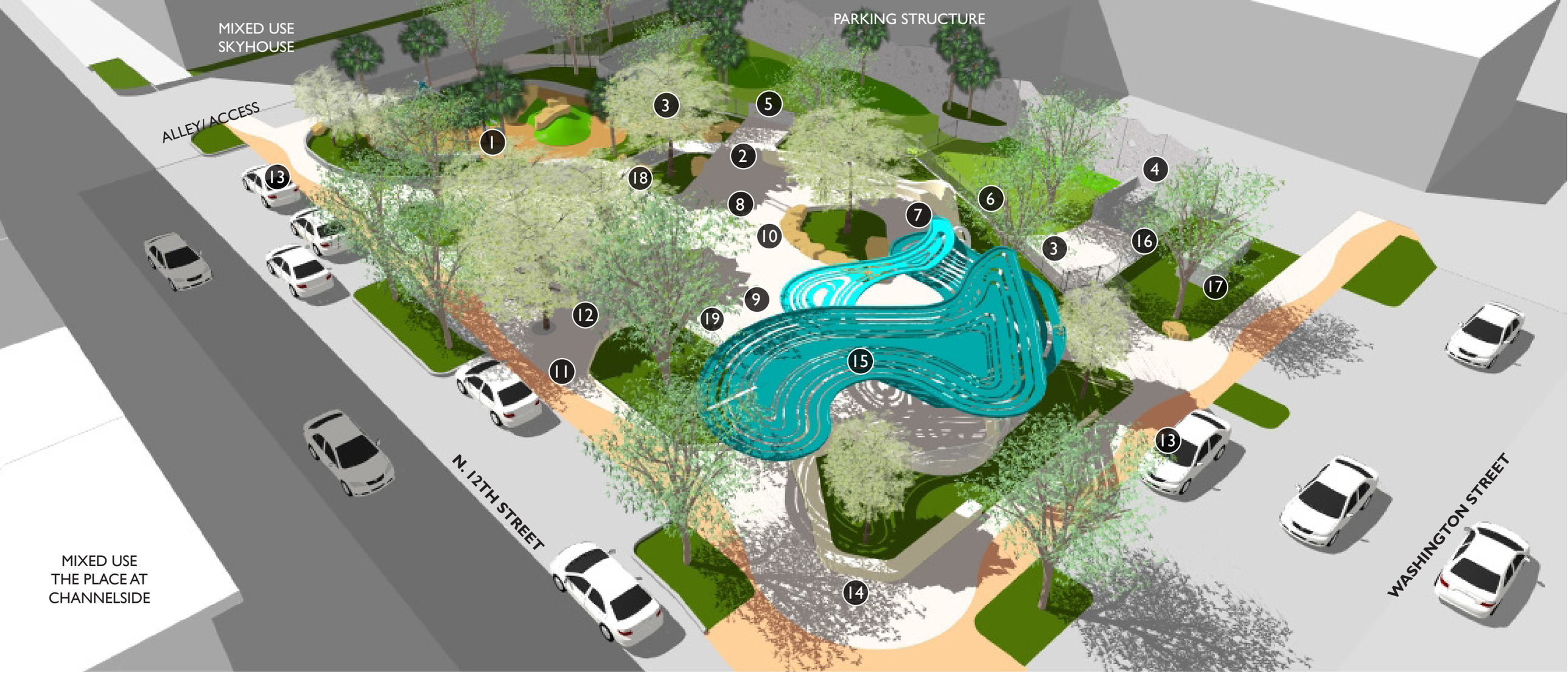
1. PLAY
2. DOG PARK OVERLOOK
3. DOG PARK PLAY FOUNTAIN
4. SCREEN WALL
5. LARGE DOG PARK
6. SMALL DOG PARK
7. CUSTOM BENCH
8. ELEVATED PLAZA
9. PLAZA
10. STEPS
11. TREE GRATE
12. CAFE SEATING AREA
13. STREETSCAPE IMPROVEMENT
14. INTEGRATED BENCH / SIGNAGE
15. ARCHITECTURAL CANOPY
16. EXISTING UTILITIES (PUMP & WELL)
17. EXISTING TRANSFORMERS
18. SLOPED WALK <5%
19. HOLIDAY TREE ANCHOR
20. RECONSTRUCT STREETSCAPE PAVEMENT
21. ALIGN CURB RAMPS WITH CROSSWALK
22. INTERSECTION IMPROVEMENTS
23. BIKE RACKS
24. EXISTING TREE TO REMAIN

# CONCEPTUAL FURNISHINGS, FIXTURES, AND MATERIALS

## KEY LEGEND

- SCREEN WALL
- PRECAST SEAT WALL
- PRECAST CURB
- TRANSITION WALL
- PRECAST SEAT WALL + BACK BENCH
- PARK BENCH
- ART PANEL + OVERLOOK
- OOLITE BOULDER 18" HT
- BIKE RACKS
- PLAY / DOG WATER FOUNTAIN
- DRINK FOUNTAIN W/ BOTTLE FILLER AND PET BOWL
- LITTER RECEPTACLE / PET STATION
- CONCRETE A
- CONCRETE B
- ARTIFICIAL TURF A (DOG PARK)
- ARTIFICIAL TURF B (PLAY)
- POURED-IN-PLACE RUBBER
- DOG PARK FENCE
- DOG PARK GATE
- PLAYGROUND EQUIPMENT
- TREE GRATE
- BISTRO TABLE, 4-TOP AND 2-TOP
- LOUNGE CHAIRS AND SIDE TABLES



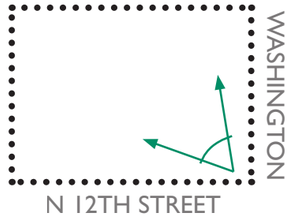



## BIRDSEYE VIEW LOOKING SOUTHWEST

### KEY LEGEND

1. PLAY
2. DOG PARK OVERLOOK
3. DOG PARK PLAY FOUNTAIN
4. SCREEN WALL
5. LARGE DOG PARK
6. SMALL DOG PARK
7. CUSTOM BENCH
8. ELEVATED PLAZA
9. PLAZA
10. STEPS
11. TREE GRATE
12. CAFE SEATING AREA
13. STREETSCAPE IMPROVEMENT
14. INTEGRATED BENCH / SIGNAGE
15. ARCHITECTURAL CANOPY
16. EXISTING UTILITIES (PUMP & WELL)
17. EXISTING TRANSFORMERS
18. SLOPED WALK <5%
19. HOLIDAY TREE ANCHOR
20. EAST SIDE STREETSCAPE IMPROVEMENTS
21. INTERSECTION IMPROVEMENTS

NTS




## BIRDSEYE VIEW LOOKING NORTHWEST

### KEY LEGEND

1. PLAY
2. DOG PARK OVERLOOK
3. DOG PARK PLAY FOUNTAIN
4. SCREEN WALL
5. LARGE DOG PARK
6. SMALL DOG PARK
7. CUSTOM BENCH
8. ELEVATED PLAZA
9. PLAZA
10. STEPS
11. TREE GRATE
12. CAFE SEATING AREA
13. STREETSCAPE IMPROVEMENT
14. INTEGRATED BENCH / SIGNAGE
15. ARCHITECTURAL CANOPY
16. EXISTING UTILITIES (PUMP & WELL)
17. EXISTING TRANSFORMERS
18. SLOPED WALK <5%
19. HOLIDAY TREE ANCHOR
20. EAST SIDE STREETSCAPE IMPROVEMENTS
21. INTERSECTION IMPROVEMENTS

NTS

# ARCHITECTURAL CANOPY
## PERFORMANCE

The Washington Street Park Canopy stands as a defining landmark for both the park and the surrounding community. Its design draws inspiration from Tampa Bay's diverse ecology, echoing the region's original oyster shoals—dynamic and thriving ecosystems.

Perforated with organic, cellular patterns, the canopies create a mesmerizing interplay of light and shadow. As the sun moves across the sky, these shifting patterns mirror the natural rhythm of the day and changing seasons.

The shade canopies rest on three clusters of curving metal columns that appear to grow out of smooth, organic concrete forms. The curved concrete foundations morph into built-in benches for visitors to sit and enjoy the dance of light and shadows on the ground and sky.

**Perforated metal art screen, visually permeable, attached on back of seat wall.**

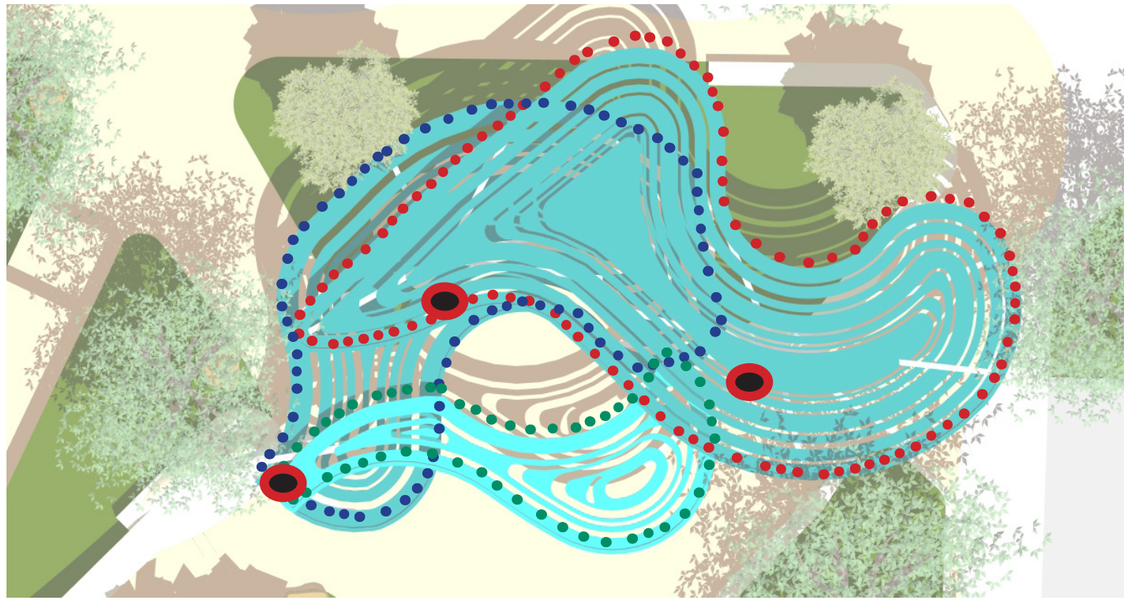
**Concrete Column Bases**
Organic form concrete column bases integrated with site seating elements . LED uplighting to be integrated into concrete column base.

# ARCHITECTURE - STRUCTURED SHADE
## SPECIFICATIONS

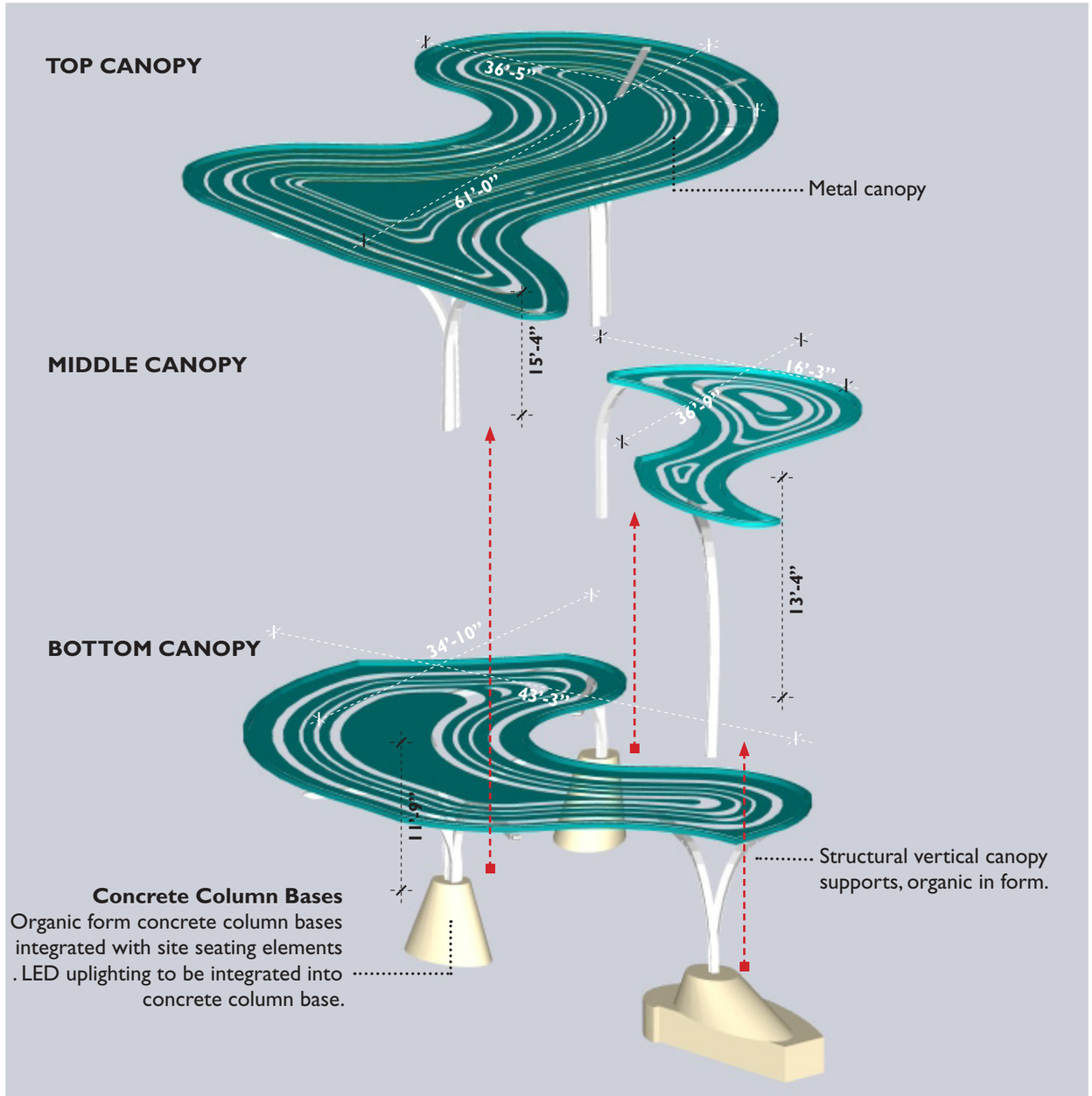
### CANOPY

The shade structure is composed of 3 overlapping layers of perforated canopies. The canopies themselves are powder coated metal sheets, perforated with an oyster shell inspired organic pattern. Each layer features a distinct hue within a complementary color range.

The structural vertical metal canopy supports are composed of multiple clustering vertical elements that appear to grow out of concrete foundations. The metal structures are powder coated and the concrete foundations are integrated into site seating elements.



Bottom Canopy ●●●●● Middle Canopy ●●●●● Top Canopy ●●●●● Column Cluster



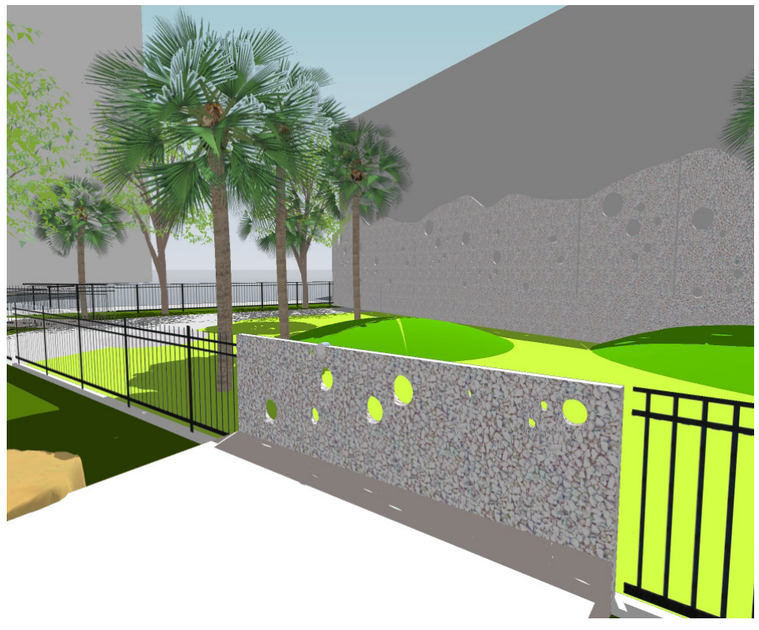
# BASIS OF DESIGN IMAGERY

## PRECAST SEAT WALL WITH BACK

## PRECAST SEAT WALL

## PRECAST CURB AND TAPER UP TO SEAT WALL

## DOG PARK OVERLOOK



## OOLITE BOULDERS

## SEAT WALL WITH INCISED SIGN


# ATTACHMENT B – Hardscape Materials Basis of Design

| Item | Basis of Design | Reference Standard | Minimum Qty |
|---|---|---|---|
| Concrete A | PIP concrete pavement per Channel District Overlay w/ integral color & exposed shell aggregate. | Tampa Transportation Technical Manual (TTM) | Per overlay dimensions |
| Concrete B | PIP natural color concrete; joint pattern per overlay requirement in streetscape; Loading per DCP | Streetscape = TTM<br>Park = FDOT 346, 522 | As Needed |
| Streetscape Curb | Type D and F | FDOT Index 520 and supporting specs | As Needed |
| Play Surface | Kompan PIP TPV Rubber Surfacing, adhering to safety standards and regulations, including fall height requirements and impact attenuation guidelines. Color to be determined by Owner. | Manufacturer Spec;<br>ASTM F1487-17 | 1,100 SF |
| Artificial Turf<br>Play Area | ForeverLawn Playground Grass Ultra<br>Including fall attenuation | Manufacturer Spec;<br>ASTM F1487-17 | 500 SF |
| Artificial Turf<br>Dog Park | ForeverLawn K9 Grass Sport | Manufacturer Spec | 3,383 SF |
| Precast Seat Wall | Wausau Tile Centenaire<br>With skate deterrents, acid wash finish, A21 Buff Color, | Manufacturer Spec | |
| Precast Curb | Wausau Tile Centenaire, acid wash finish, A21 Buff Color, 8: Ht. | Manufacturer Spec | |
| Precast Seat Wall With Back | Wausau tile custom, acid wash finish, A21 Buff Color, 18” seat Ht, 18” to 24” seat depth; 21-45” seat height, skate deterrents | Manufacturer Spec | 65 LF |
| Oolite Boulder | Cut-Top Oolite Epic Stoneworks, Inc; Average size 2’W x 4’L x 12” to 30”H max above grade. | Natural Florida Oolite stone | |
| | | | |

# ATTACHMENT C – Furnishings and Fixtures Basis of Design

| Item | Basis of Design | Reference Standard | Minimum Qty |
|---|---|---|---|
| Park Bench | MMCite, Reforma Bench, Hardwood or thermally modified wood with weather-resistant finish | Manufacturer Spec | 2 Bench, 1 per dog park |
| Bistro Table And Stools | Draffin Street Furniture, Hepburn, Hepburn Round Café Table and Stools | Manufacturer Spec | 4 sets, 1 table and 4 chairs per set |
| Lounge Chair | MMCite, Rivage, Model: RVK155-RVK156 | Manufacturer Spec | 6 |
| Bike Rack | MMCite, Elk, Cast Aluminum, light or dark grey | Manufacturer Spec | 8 |
| Drinking Fountain | Most Dependable Fountains Model 10145 SMSSFA w/ bottle filler; color chrome | Manufacturer Spec | 1 |
| Drinking Fountain with Dog Bowl | Most Dependable Fountains Model 440 SM OR SMSS w/ Optional Pet Fountain. Dog Bowl and ADA to be accessible from pavement. | Manufacturer Spec | 2, 1 per dog park |
| Dog Park Splash Pad Nozzle / Equip. | Complete package, recirculating system; submit shop drawings | Ref: Julian B. Lane Park | 2 |
| Pet Waste Receptacle | MMcité Prax-148 (12 gallon) alt: Most Dependable Fountains Model 395 SM | Manufacturer Spec | 2 |
| Litter Receptacle | MMCite, Prax , covered with perforated stainless metal, 31gal. Models: PRX-B345 and PRX148 | Manufacturer Spec | |
| Playground Climbing Net | Landscape Structures, Forge Climber, Model: 307425, Ages 5-12 | Manufacturer Spec | 1 |
| Tree Grate | Urban Accessories “Flat Rainbow”; Round 2’-6”, Ductile Iron with rust conditioner | Manufacturer Spec | 3 |
| Pole Light | Escofet, Branca, Dark Sky approved; Include catenary light attachments; | Manufacturer Spec | As Needed |
| Convenience Receptacle | Power Pedestal, Pedoc SST, single gang, 60 AMP, 5 x 5 Hinge Top, Surface Mount lockable | Manufacturer Spec | 3 |

# ATTACHMENT D – Plant Material Basis of Design

The following plant species provide a template of native, endemic species and accent plants that can combine to meet the design intent. The DB Firm may propose additional material that is compatible with these plants. It is not necessary to use all plants listed, but overall planting shall meet the design intent as described in the DCP.

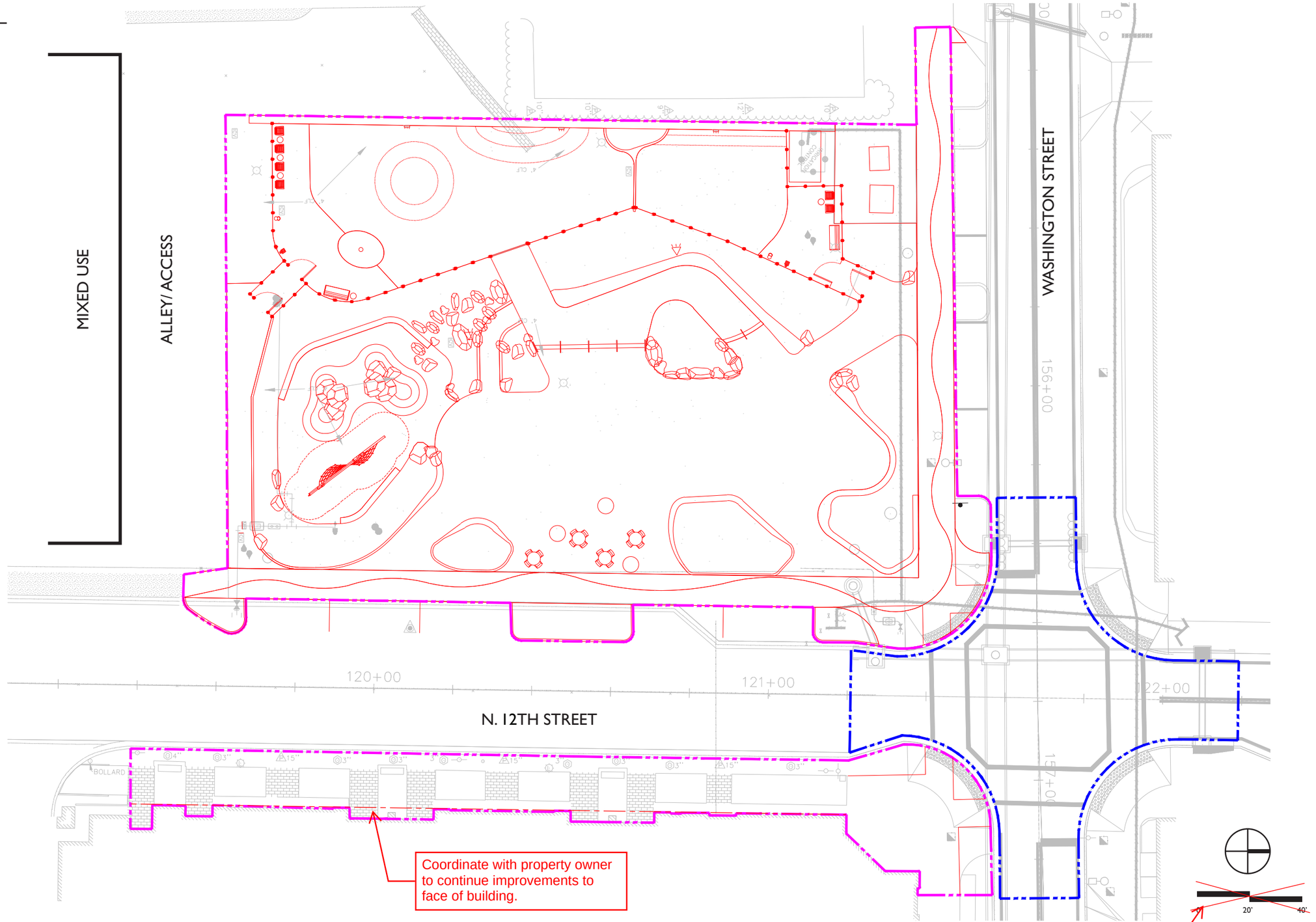
| Item | Botanical Name | Common Name | Minimum Size<br>Max. Spacing |
|---|---|---|---|
| Canopy Trees | *Acer rubrum* | Red Maple | 4" Cal.<br>N/A |
| | *Quercus virginiana* | Live Oak | 4" Cal.<br>N/A |
| | *Taxodium ascendens* | Pond Cypress | 4" Cal.<br>N/A |
| | *Taxodium distichum* | Bald Cypress | 4" Cal.<br>N/A |
| | *Ulmus alata* | Winged Elm | 4" Cal.<br>N/A |
| Understory Trees | *Ilex cassine* | Dahoon Holly | 2" Cal.<br>N/A |
| | *Ilex vomitoria* | Yaupon Holly | 2" Cal.<br>N/A |
| | *Magnolia virginiana* | Sweet Bay Magnolia | 2" Cal.<br>N/A |
| | *Myrcianthes fragrans* | Simpson's Stopper | 2" Cal.<br>N/A |
| | *Tabebuia heterophylla* | Evergreen Pink Tabebuia | 3" Cal.<br>N/A |
| Palms | *Sabal palmetto* | Cabbage Palm | 16' C.T.<br>N/A |
| Shrubs & Grasses | *Callicarpa americana* | Beautyberry | 7 gal.<br>5' o.c. |
| | *Galphimia glauca* | Thryallis | 7 gal.<br>5' o.c. |
| | *Hamelia patens* | Firebush | 3 gal.<br>8' o.c. |
| | *Helianthus debilis* | Dune Sunflower | 1 gal.<br>4' o.c. |
| | *Nephrolepis biserrate* 'Macho' | Macho Fern | 3 gal.<br>3' o.c. |
| | *Muhlenbergia capillaris* | Muhly Grass | 1 gal.<br>42" o.c. |
| | *Philodendron* 'Xanadu' | Xanadu Philodendron | 7 gal<br>42" o.c. |

| | | | |
|---|---|---|---|
| | *Plumbago auriculata* | Plumbago | 3 gal.<br>6’ o.c. |
| | *Serenoa repens* ‘Cinerea’ | Silver Saw Palmetto | 15 gal.<br>6’ o.c. |
| | *Strelitzia reginae* | Orange Bird of Paradise | 15 gal.<br>5’ o.c. |
| | *Tripsacum floridana* | Eastern Gama Grass | 3 gal.<br>4’ o.c. |
| | *Viburnum obovatum* ‘MSD’ | Dwarf Walter’s Viburnum | 7 gal.<br>4’ o.c. |
| | *Yucca filamentosa* | Adam’s needle | 3 gal.<br>30” o.c. |
| | *Zamia pumila* | Coontie | 7 gal.<br>6’ o.c. |
| Groundcovers & Perennials | *Agastache foeniculum* | Anise Hyssop | 1 gal.<br>24” o.c. |
| | *Asclepias incarnata* | Milkweed | 1 gal.<br>24” o.c. |
| | *Euploca polyphylla* | Pineland Heliotrope | 1 gal.<br>36” o.c. |
| | *Gaillardia pulchella* | Blanket Flower | 1 gal.<br>24” o.c. |
| | *Liatris spicata* | Blazing Star | 1 gal.<br>24” o.c. |
| | *Pentas* | Pentas | 1 gal.<br>24” o.c. |
| | *Phyla* | Frogfruit | 3 gal.<br>36” o.c. |
| | *Rudbeckia hirta* | Black-Eyed Susan | 1 gal.<br>36” o.c. |
| | *Stachytarphet jamaicensis* | Porterweed | 3 gal.<br>36” o.c. |
| | *Solidago* | Goldenrod | 1 gal.<br>24” o.c. |

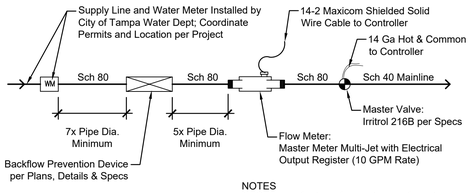
# LIMIT OF WORK

## KEY LEGEND

- WASHINGTON STREET PARK
  LIMIT OF WORK
- 12TH, EAST SIDE, STREETSCAPE
  LIMIT OF WORK
- INTERSECTION
  LIMIT OF WORK
- WASHINGTON STREET PARK
  LINEWORK

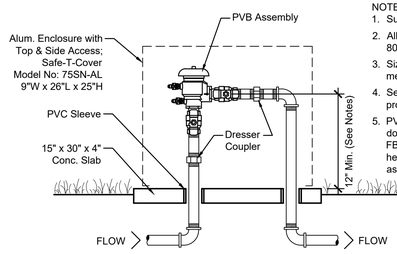



Actual scale 1" = 25'



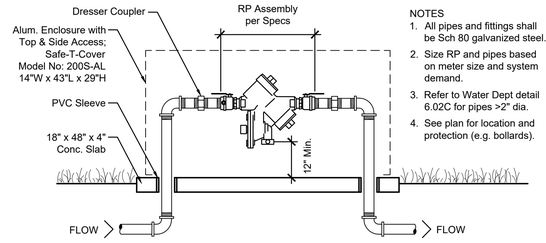

NOTES
1. See specifications for additional information.
2. Size components based on system demand.
3. Install components in separate valve boxes per details and specs.

1 Meter Assembly Schematic
Not to Scale



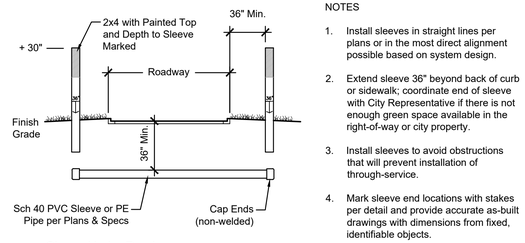

NOTES
1. Submit PVB product for approval.
2. All pipes and fittings shall be Sch 80 galvanized steel.
3. Size PVB and pipes based on meter size and system demand.
4. See plan for location and protection (e.g. bollards).
5. PVB shall be 12" above all downstream piping and outlets per FBC 608.14.5 (including irrigation heads in up position); Install RP assembly if height exceeds 24"

2 Pressure Vacuum Breaker (PVB) Backflow Prevention Assembly
Not to Scale




NOTES
1. All pipes and fittings shall be Sch 80 galvanized steel.
2. Size RP and pipes based on meter size and system demand.
3. Refer to Water Dept detail 6.02C for pipes >2" dia.
4. See plan for location and protection (e.g. bollards).

3 Reduced Pressure (RP) Principle Backflow Prevention Assembly (3/4" to 2")
Not to Scale



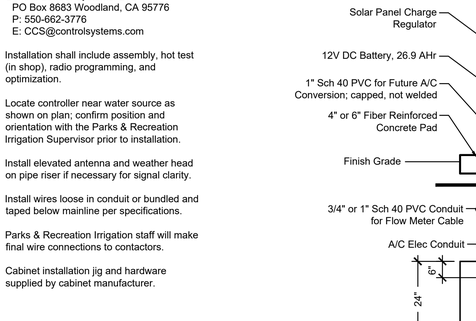

NOTES
1. Install sleeves in straight lines per plans or in the most direct alignment possible based on system design.
2. Extend sleeve 36" beyond back of curb or sidewalk; coordinate end of sleeve with City Representative if there is not enough green space available in the right-of-way or city property.
3. Install sleeves to avoid obstructions that will prevent installation of through-service.
4. Mark sleeve end locations with stakes per detail and provide accurate as-built drawings with dimensions from fixed, identifiable objects.

4 Sleeve Under Roadway
Not to Scale

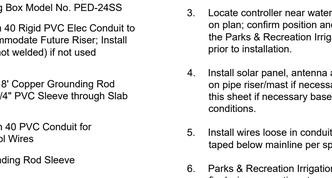
NOTES
1. Install 120 volt, or greater, electrical wire/cable in conduit; type, depth, and location per the latest edition of the NEC.
2. Control wires may be installed below mainline or in dedicated conduit per specifications.
3. Restore lawn, planting, or pavement to pre-existing condition or per plans



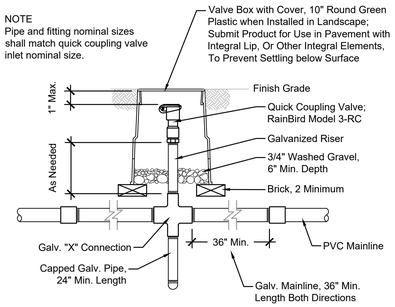

5 Irrigation Pipe & Conduit Trenches
Not to Scale



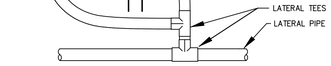

6 Remote Control Valve
Not to Scale




7 Isolation Ball Valve
Not to Scale




8 Quick Coupler Valve
Not to Scale




9 Bubbler Irrigation Head
Not to Scale




10 Pop-Up Spray Irrigation Head
Not to Scale

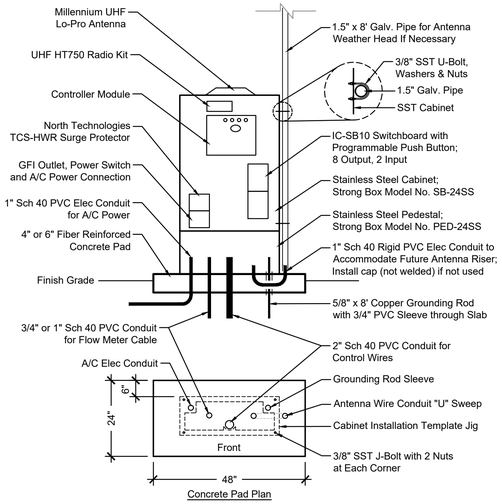



11 Rotor Irrigation Head
Not to Scale



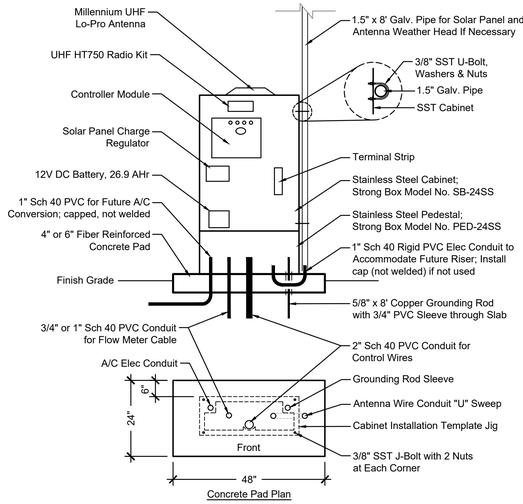

NOTES
1. For purchasing information, contact Central Control Systems, LTD; PO Box 8683 Woodland, CA 95776
   P: 550-662-3776
   E: CCS@controlsystems.com
2. Locate unit as shown on plan; confirm position and orientation with the Parks & Recreation Irrigation Supervisor prior to installation; orient unit with solar panel facing south.

12 Motorola Piccolo XR Unit
Not to Scale




NOTES
1. Controller shall be 12 station Motorola AC Irrinet-M controller assembly (Model No.: IMDC-12-RZ-S18P-AHT-SA-X) with UHF external radio kit and UHF dome antenna kit. For purchasing information, contact Central Control Systems, LTD
   PO Box 8683 Woodland, CA 95776
   P: 550-662-3776
   E: CCS@controlsystems.com
2. Installation shall include assembly, hot test (in shop), radio programming, and optimization.
3. Locate controller near water source as shown on plan; confirm position and orientation with the Parks & Recreation Irrigation Supervisor prior to installation.
4. Install elevated antenna and weather head on pipe riser if necessary for signal clarity.
5. Install wires loose in conduit or bundled and taped below mainline per specifications.
6. Parks & Recreation Irrigation staff will make final wire connections to contactors.
7. Cabinet installation jig and hardware supplied by cabinet manufacturer.

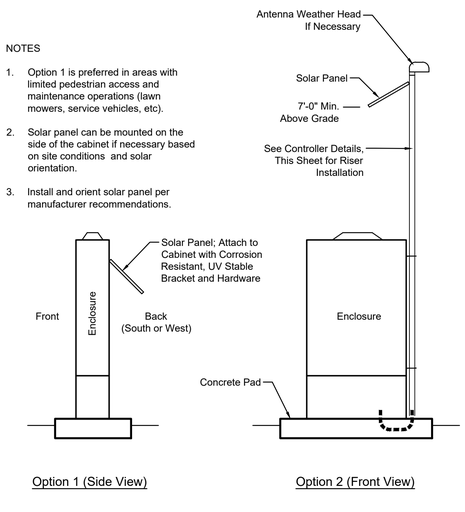
13 IRRInet - M AC Controller
Not to Scale




NOTES
1. Controller shall be 12 station Motorola DC Irrinet controller assembly (Model No.: IMDC-12-RX-S18P-AHT-SA-X) with UHF external radio kit, UHF dome antenna kit, Solarex multi-mount module and hardware, charge regulator, storage battery, mast and weatherhead. For purchasing information, contact Central Control Systems, LTD
   PO Box 8683 Woodland, CA 95776
   P: 550-662-3776
   E: CCS@controlsystems.com
2. Installation shall include assembly, hot test (in shop), radio programming, and optimization.
3. Locate controller near water source as shown on plan; confirm position and orientation with the Parks & Recreation Irrigation Supervisor prior to installation.
4. Install solar panel, antenna and weather head on pipe riser/mast if necessary per detail __, this sheet if necessary based on site conditions.
5. Install wires loose in conduit or bundled and taped below mainline per specifications.
6. Parks & Recreation Irrigation staff will make final wire connections to contactors.
7. DC Controller shall have 6 wires and 1 common for every 6 zones and grounded with ground rods to 10 megs.
8. Solar Panel shall be 20 W minimum; See Detail 11, this sheet for panel installation options.

14 IRRInet - M DC Controller
Not to Scale

NOTES
1. Option 1 is preferred in areas with limited pedestrian access and maintenance operations (lawn mowers, service vehicles, etc).
2. Solar panel can be mounted on the side of the cabinet if necessary based on site conditions and solar orientation.
3. Install and orient solar panel per manufacturer recommendations.




15 Solar Panel Installation Options
Not to Scale

REVISIONS

| Description | Date |
|---|---|
| | |

PROJECT
Standard Details
Irrigation
SHEET

CITY OF TAMPA • FOUNDED 1823 • ORGANIZED 1855

Parks&Recreation
CITY OF TAMPA
Planning and Design
3402 W. Columbus Drive
Tampa, FL 33607

| | |
|---|---|
| Drawn: | -- |
| Checked: | -- |
| Approved: | -- |
| Date: | 09/23/2024 |
| Sheet Size: | 24 x 36 |
| Sheet Scale: | As Noted |
| Sheet | |

IR-1

SECTION 328400 – IRRIGATION

PART 1 - GENERAL

1.1 DESCRIPTION OF WORK

A. Furnish all materials, equipment and labor as necessary for the installation or repair of an irrigation system per project plans and/or scope of work described in the request for proposal. All work shall adhere to these specifications, city standard details, and general conditions of the contract.

B. Restore any facilities damaged or disturbed during the work to preconstruction condition or better. Restoration of facilities directly associated with the work shall be included in the initial proposal. Restoration of other facilities shall be completed at no additional cost to the City.

C. Related Work:

1. Section 329200 “Turf and Grasses” if issued.
2. Section 329300 “Plants” if issued.

1.2 RELATED DOCUMENTS:

A. Drawings and general provisions of Contract, including General Provisions, Supplementary General Provisions, Special Conditions, and Division – 1 Specification sections apply to work specified in this section.

1.3 QUALITY ASSURANCE:

A. Certification: Contractor shall hold a valid certificate from the state of Florida as a General Contractor, Plumbing Contractor, or Specialty Contractor (Irrigation) per Florida Statutes Chapter 489.

B. Workmanship: All work shall be installed by skilled personnel, proficient in the trades required, in a neat, orderly and responsible manner with recognized standards of workmanship. The Contractor shall have had considerable experience and demonstrated ability in the installation of sprinkler irrigation systems of this type.

1.4 SUBMITTALS:

A. Product Data: Submit manufacturer’s technical data for all materials and installation instructions for underground sprinkler system prior to starting work on the project site.

B. Drawing Review: Review construction drawings and submit any proposed revisions or substitutions for consideration.

C. Shop Drawings: Submit complete irrigation system design or repair sketch when included as part of the scope of work. Drawings shall include all information necessary to review, permit, and install a complete irrigation system per these specifications and the standard details. Design shall be approved by City Representative prior to beginning work.

D. As-Built Drawings: Submit digital as-built drawings when included in the project scope. Drawings hall include the following minimum information:
   1. Water source, type, location, and size
   2. Power source location
   3. Controller location, contactor diagram
   4. Control valve/manifold locations
   5. Location, depth and size of mainline.
   6. Location of flow meter and communication cable
   7. Location and depth of all bores and sleeves
   8. Diagram of lateral lines and head configuration including zone identification.

E. Warranty Information: Submit manufacturer warranty documents for all installed products.

F. Irrigation Well: Submit all information necessary for the permitting and installation of an irrigation well when included on the project plans or request for proposal including, but not limited to the following items:
   1. Recommended size and depth.
   2. Shop drawings
   3. Variable frequency drive (VFD) submersible pump, 5 1/2" HP typical.
   4. Product data for each proposed piece of equipment.
   5. Test reports including water quality, output, draw down rate, et al
   6. SWFWMD and/or EPC permit.

## PART 2 - PRODUCTS

### 2.1 RECLAIMED WATER COMPONENTS

A. When reclaimed water is utilized, all required components (e.g. pipe, valve covers, signs) shall be integrally colored purple to indicate the use of reclaimed water per State and local rules.

B. Signs as required by State and local rules.

C. Zone control valves shall be Rainbird PESB Series with integral scrubber.

### 2.2 PIPES, TUBES, AND FITTINGS

A. General: All main and lateral lines shall be PVC or CTS PE pipe unless otherwise specified on drawings. Secondary distribution lines, meter assemblies and other accessory components may use PVC or galvanized steel pipe as necessary and appropriate.

   1. Pipe Size: Increased to allow expansion or nozzle size change.
      a. No flow shall exceed 4' per second.
      b. All laterals to heads will be 1" or larger on rotors and ¾" or larger on pop-ups, bubblers and Quick Couplers

c. Nozzle and zone size will be calculated to provide maximum precipitation rate to reduce watering time based on meter size.
d. No pipe smaller than ¾".

2. Sleeving: Install sleeves below all paved surfaces.
   a. Sleeves may be PE Pipe or PVC per City approval.
   b. 24" minimum cover or refer to project drawings.
   c. 36" minimum cover when installed below roadway or refer to project drawings.
   d. Sleeves shall be a minimum of 2 nominal sizes larger than the irrigation pipe(s) within.
   e. When sleeves contain both pressure pipe and wiring, wire shall be in conduit.

3. Conduit:
   a. Electrical conduit for 120 volt service, or greater, shall be selected and installed per the National Electric Code, latest edition.
   b. Conduit for low voltage control wiring shall be Sch 40 PVC, 18" minimum depth; gray color.

4. Pipe Fittings:
   a. ANSI B 16.3 galvanized malleable iron screwed fittings shall be used for all galvanized pipe.

B. Galvanized-Steel Pipe: ASTM A 53/A 53M, Standard Weight, Type E, Grade B.
1. ANSI B 16.3 galvanized malleable iron screwed fittings shall be used for all galvanized pipe
2. Galvanized-Steel Pipe Nipples: ASTM A 733, made of ASTM A 53/A 53M or ASTM A 106/A 106M, Standard Weight, seamless-steel pipe with threaded ends.
3. Cast-Iron Flanges: ASME B16.1, Class 125.
4. Paint with 2 coats of forest green enamel if exposed.

C. PVC Pipe: ASTM D 1785, PVC 1120 compound.
1. Schedule 80 upstream of master valve, Schedule 40 downstream of master valve.
2. PVC Socket Fittings: ASTM D 2466, Schedule 80 upstream of master valve, Schedule 40 downstream.
3. PVC Threaded Fittings: ASTM D 2464, Schedule 80.
4. PVC Socket Unions: Construction similar to MSS SP-107, except both headpiece and tailpiece shall be PVC with socket ends.
5. All connections, 4" and less, shall be Weld-On PC-64 purple primer and Weld-On PVC 702 clear cement.

D. PVC Flexible Swing Pipe Tubing: Flexible black tubing constructed of PVC with plasticizer(s) such as HydroMaxx, Ultra Flex or approved equal.
1. 1/2" nominal inside diameter minimum; outside diameter to fit standard IPS size connections.
2. Schedule 40 nominal, working pressure 100 PSI at 68° F minimum.
3. UV stable

E. PE Pressure Pipe: AWWA C906, with DR of 7.3, 9, or 9.3 and PE compound number required to give pressure rating not less than 200 psig. Fittings in first subparagraph below are available in NPS 1/2 to NPS 48 (DN 15 to DN 1200).
1. Copper Tube Sizing
2. PE Butt, Heat-Fusion Fittings: ASTM D 3261.
3. PE Socket-Type Fittings: ASTM D 2683.

F. PE Swing Pipe Tubing: Flexible black tubing constructed of linear low density polyethylene.
   1. Minimum wall thickness of 0.098”
   2. Nominal I.D. of 0.49”
   3. Each 18” length of tubing shall be capable of pressure testing at the rate of 80 psi per second to a minimum burst pressure of 350 psi.
   4. Tubing shall be capable of delivering 8 gpm maximum.

## 2.3 VALVES, WIRING, ETC

A. Manual Valves: PVC Schedule 40 ball valves unless otherwise noted herein or on the project drawings.

B. Electric Valves: Irritrol 200B series electric globe valve with flow control. AC or DC depending upon power source. If DC is specified, a separate common wire for each 6 zones must be installed. Master valve to be used with more than 2 zones of if main line crosses a roadway. No pressure regulator on valves.

C. Quick Coupling Valve:
   1. Typical: Rainbird 3-RC with ¾” minimum service.
   2. Athletic Fields: Rainbird 44RC with ½” minimum service
   3. 2” minimum clearance around all valve operators
   4. See project drawings for additional information

D. Automatic Valve Wiring: 14 gauge direct burial wire, color coded as follows: red for zones; blue for master valve and black for extras. Two black extra wires to be run to the furthest valve from controller in each direction. Wire splices shall be made at a common location, contained in a valve box and spliced using grease filled King wire nuts. All wire to be brought to timer location with 6’ pigtail to facilitate hook-up. Provide 12 gauge white common wire for any runs over 100’.

E. Valve Box: Provide concrete or double wall concrete rated plastic box valve box with cover, size as needed, or as specified on drawings. Place level on brick or stone blacks. Provide a minimum of 2” of #57 stone below exposed PVC pipes. Top of valve installed flushed with finished grade.

## 2.4 SPRINKLERS

A. Sprinkler Heads: Manufacturer’s standard unit designed to provide uniform coverage over entire area of spray shown on drawings at available water pressure and installed using flexible PVC pipe and Schedule 40 PVC connectors as follows:

   1. Bubbler: Rainbird 1402 – 0.5 GPM on flexible PVC pipe (2 per tree).

   2. Pop-up Spray: Rainbird 1800 series with nozzle to match application; do not use adjustable nozzles or pressure regulating sprays (PRS).

   3. Rotor: Hunter I-20 or I-25 with nozzle match application. Use stainless steel products at ballfield clay locations or where indicated on plans.

   4. Micro-Spray: Maxi-Jet products per project specific conditions; requires Department approval of system design and product specifications prior to installation.

2.5 EQUIPMENT:

A. Reduced Pressure Principle Backflow Prevention Assembly (RP or RPZ):
   1. Zurn Model No. 975XL2 or approved equal.
   2. Install 12" minimum above grade for drainage and inundation protection; see drawings for additional information.

B. Pressure Vacuum Breaker Backflow Prevention Assembly (PVB):
   1. Submit product information for approval.
   2. Install 12" minimum above all downstream piping and outlets; see drawings for additional information.

C. Computerized Irrigation Controller: Controller and cabinet supplied and installed by Contractor unless otherwise noted on the project drawings or agreed with P&R Dept.
   1. Controller shall be a [12, 24, 36, 48] station Motorola [A/C, D/C] IRRInet-[M, Ace, M (HD), Ace (HD)] controller assembly with UHF HT750 external radio kit (Model No. IMDC-12-RX-S18P-AHT-SA-X) and Millennium UHF Lo-Pro antenna. Ace system can be connected directly to internet service, which eliminates the need for the antenna assembly.
   2. Contact: Central Control Systems, LTD for purchasing information: (530) 662-6841, ccs@controlsystems.com
   3. Specify existing or new power source for A/C system; specify solar for D/C system: Controller system shall include Solarex multimount module and hardware, 20W solar panel, charge regulator, 12V 26.9 AHr storage battery, mast and hardware for solar panel installation.
   4. DC units require a valve common for every 6 valves.
   5. Controller system shall include IC-SB10 8 output, 2 input switchboard with programmable switch button. A/C system only.
   6. Controller system shall include surge protector such as North Technologies TCS-HWR or approved equal. A/C system only.
   7. Controller system shall include GFI outlet, power switch, and A/C power connection.
   8. Controller shall include wiring, conduit, grounding hardware and all other necessary equipment and hardware.
   9. Controller shall be installed in a stainless steel enclosure such as Strong Box Model No. SB-24SS (or approved equal) with pedestal assembly on concrete slab; installed per manufacturer recommendations. Enclosure shall be sized as needed to accommodate the controller, radio kit, panel boards, and other appurtenances.
   10. Controller shall be used to control [irrigation system, potable water couplers, exterior lighting, court/field lighting, receptacles, door locks].
   11. Contactors for irrigation control wiring shall be provided as part of the complete controller package from the supplier. Auxiliary contactors (lighting, door locks, etc) shall not exceed 0.5 Amps on 24 AC control voltage; ABB model AF26-30-00-11 or approved equal.

D. Flow Meter: Computerized systems shall utilize a flow meter by Master Meter Inc. matched to the water meter size, with a 1 or 10 gallon pulse depending on zone GPM.
   1. Provide a complete unit from the manufacturer including compatible meter and digital register.

2. Wiring from flow meter to controller must be 14-2 Maxi-com shielded cable. No splices should be made in the Maxi-com cable. Maxi-com to be run under main line or in conduit.

E. Remote Control Relay, when necessary, shall be a Motorola Piccolo XR Unit.
1. Complete system as available from Central Control Systems, LTD.
2. Piccolo unit(s) must communicate with a new or existing IRRInet-Ace master controller. Contact vendor or City Representative for location and range requirements.

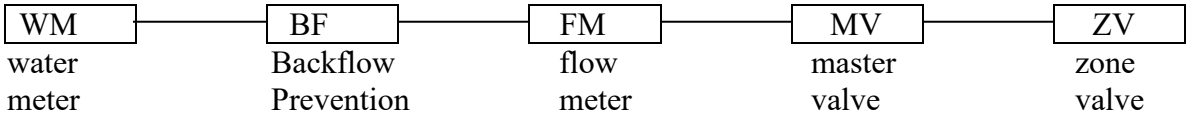
F. Rain Sensor: City Staff will provide and install rain sensor unless otherwise noted on the drawings.

## PART 3 - EXECUTION

### 3.1 SYSTEM DESIGN:

A. Water Source: Refer to project drawings for water source(s).

1. Typical potable irrigation service components in series:




2. Submit well design per the following minimum criteria:
   a. 5" rotary well
   b. 200' – 300' typical depth until "good water" based on testing (e.g. low iron, no salt)
   c. PVC casing to 75% total depth
   d. EPC or SWFWMD Permit
   e. 5 HP pump package
      1) 5 HP Shaefer 90 gpm liquid end
      2) Variable frequency drive
      3) Well seal, submersible cable, 2" galvanized drop pipe
      4) Pressure tank on concrete pad
      5) Pressure sensor
      6) Liquid filled pressure gauge
      7) 2" S/S check valve
      8) 1" pressure relief valve
      9) 2" PVB with galvanized pipe and fitting into ground
      10) All miscellaneous fittings
   f. Precast concrete riser post for electrical components.
   g. Electrical service, riser diagram, components and permit as necessary.
   h. Chain link fence enclosure
      1) Black vinyl coated fence, posts, and hardware
      2) 8' x 8' minimum size; increase as needed based on size of equipment, working space, and site conditions.
      3) 6' height.
      4) 5' wide gate.

5) Washed, compacted shell throughout enclosure, 4" minimum depth.

B. System design shall consider existing facilities and all proposed site improvements to avoid conflicts and provide the most efficient operation practical.

C. Design Pressures: Verify available water source and pressure prior to system design. Design system throughout to be compatible with available water source. Use reclaimed water whenever available.

D. Location of Valve Boxes: Irrigation zone valves shall be consolidated to minimize the space required. Do not install valve boxes, banks, manifolds in the use areas of athletic fields, lawns, open play fields, etc. Locate boxes away from maintenance vehicle routes, event load in/out locations, and other areas where vehicular traffic is anticipated.

E. Location of Heads: Design locations in accordance with accepted sprinkler practice to provide 100% head to head coverage. Make minor adjustments as necessary to avoid structures and other obstructions.

F. Minimum Water Coverage:

1. 100% of all landscape beds and turf areas.

2. Layout may be modified, if necessary to obtain coverage, and to suit manufacturer's standard heads. Do not decrease number of heads indicated unless otherwise acceptable to City Representative. Any proposed decrease must be approved by the City Representative.

G. Group valves close to water source in 1 or 2 locations. Planting beds, trees and turf areas shall be on separate zones.

H. Minimize wiring runs. Maximize use of lateral lines. Keep valves 5' from closest hardscape.

I. No flow shall exceed 4 feet per second.

J. Top of pipe to grade shall be:

1. Manifolds: 6"

2. Laterals: 12"

3. Mainlines: 18"

K. Design zones to have matched precipitation rates.

L. Do not use pressure-regulating sprinklers.

M. Install sprinklers 3 inches from curbs, hardscapes and structures to allow for edging.

Computerized irrigation system controller will be installed by the City Staff unless otherwise noted on the drawings. Verify controller location and orientation with the Parks & Recreation Irrigation Supervisor prior to installation of slab or control wiring.

N. No pipe smaller than ¾"

O. Quick Coupler Valve shall be installed in a traffic rated valve box at finish grade. Provide 3" of galvanized main line up to and after a galvanized T. Provide 2' of vertical galvanized pipe, capped at bottom. Mount QC valve on galvanized nipple, length as required. Quick Coupler to be on a separate main line (See Quick Coupler valve detail).

P. Coordinate and confirm water source and electric source.

3.2 ELECTRIC and WATER SERVICE:

A. Water Service: The contractor shall include in the bid price all costs associated with providing water service to system as required. This includes all applications and fees required by City of Tampa Water Department to provide service, connection fees and all materials and labor for a complete functioning system. Contractor shall be responsible for applying and paying for any new water meters as required.

B. Electric Service: Contractor shall include in bid price all costs associated with providing power service to system as indicated in the general provisions of the contract. This includes all applications, drawings and fees required by Tampa Electric Company (TECO) and the City of Tampa. All work to comply with City of Tampa codes and TECO standards for power connection. All costs associated with power installation and connection shall be the responsibility of the contractor.

C. Water and electric meters will be associated with City of Tampa accounts; coordinate with City Representative during the application process.

3.3 TRENCHING AND BACKFILLING:

A. General: Protect existing utilities, paving, plants, trees and other facilities caused by irrigation operations. Contractor shall be responsible for the repair of any damage to existing utilities and paving. Excavate straight and true with bottom uniformly sloped to low point.

B. Sunshine: Contactor shall be responsible for notifying underground utilities 48 hours prior to beginning work (800) 432-4770. No site work shall commence until all underground utilities have been properly located and identified.

C. Backfill: Backfill with clean material from excavation. Remove organic material as well as rocks and debris larger than 1" diameter. Place acceptable backfill material in 6" lifts, compacting each lift.

D. Existing Lawns: Where trenching is required across existing lawns, trench no wider than necessary to accommodate pipes.

1. Backfill trench to within 6" of finished grade. Continue fill with acceptable topsoil and compact to bring area to the elevation of existing lawn.

2. If trench is more than 6" in width, relay or plant new sod within 7 days after removal, roll and water generously.

3. Restore to original condition any sod areas not in healthy condition equal to adjoining lawns 30 days after planting.

E. Existing Trees:

1. Install pipes via boring/directional drilling when pipes are required within the protective radius of existing trees as defined by the Tampa Code of Ordinances and Landscape Technical Manual.

2. Trenching shall comply with the City of Tampa Code of Ordinances and Landscape Technical Manual; and minimize disturbance of existing tree roots. City Representative shall be present, prior to beginning work, to determine limits of root pruning and shall approve any work within protective radius of trees. Any required root pruning shall be performed per the Landscape Technical Manual and ANSI A-300.

F. Pavements:

1. Boring is the preferred method. Open cuts must be approved by City Representative. Where existing pavements must be crossed to install landscape irrigation system, saw cut straight clean lines 6" wider than trench.

2. Excavate trench to required depth and width.

3. Remove cut out pavement and excavated material from the site.

4. Backfill with dry sand fill material, placing in 6" lifts to meet City of Tampa compaction requirements.

5. Repair or replace pavement cuts with equivalent materials and finishes.

6. If a concrete sidewalk is cut or damaged, the full section must be replaced.

7. Piping under hardscape that is 5' wider or greater shall be sleeved.

8. Contractor is responsible for daily clean up of operations to include debris, directional bore slurry and any hydraulic fluids.

## 3.4 INSTALLATION

A. Refer to project drawings for additional information.

B. A pre-construction meeting will occur on site prior to commencement of work.

C. General: Contractor shall be responsible for filing and obtaining any required permits. All work must conform to City of Tampa standards and the Florida Building Code – Plumbing, latest edition. Any work taking place along a city, county or state road or median must comply with appropriate regulating authority guidelines for Traffic Control for Construction and Maintenance Operations.

D. Required Inspections and Testing:

1. Submit a report indicating the date, time, and results of all tests. City reserves the right to observe all testing. Provide a minimum of 24 hours notice.

2. Piping shall be inspected by the City Representative or permit inspector prior to covering.

3. Test mainlines at 50 PSI for 1 hour minimum.

4. Test all lateral lines, heads, valve connections, et al for leaks prior to covering.

5. Operate all irrigation zones prior to planting, sodding, or mulching.

6. Confirm each zone is operable by the centralized control (MIR) system. The GPM of each zone shall match the pre-existing value (repairs) or the design value (new installations).

7. Contact the City Representative prior to locating or testing any wires with toners or any power source, other than 12 volt DC, so staff can disconnect wiring from the computerized controller (MIR system).

E. Backflow Preventer: Install underground in a rectangular valve box with 6" gravel sump. Box of adequate size for easy testing access. Refer to drawings for additional information.

F. Control Valves: Install in valve box. Arrange in box for easy adjustment and removal.

1. Adjust size of automatic control valves to provide flow rate of rated operating pressure required for each sprinkler zone.

2. All zone wiring and Maxi-com cable to be installed under the main line or in conduit. Wiring that shares a sleeve with irrigation water lines shall be contained in its own conduit.

G. Provide 18" of straight uninterrupted PVC pipe in front of the Master Meter and 12" of straight behind.

H. Piping: Lay pipe on solid sub-base uniformly sloped.

1. Install PVC pipe in dry weather when temperature is above 40 degrees F in strict accordance with manufacturer's instructions. Allow joints to cure at least 24 hours at temperatures above 40 degrees F (4 degrees C) before testing, unless otherwise recommended by manufacturer. All PVC connections will be cleaned with purple primer prior to cementing.

2. Mainline depth shall be 18".

3. Lateral line depth shall be 12".

I. Sprinkler Heads: Flush circuit lines with full pressure and install nozzles after hydrostatic test is completed.

1. Install all heads at manufacturer's recommended heights.

2. Locate part-circle heads to maintain a minimum distance of 3" from curbs, hardscape and structures.

3. After completion of grading, seeding or sodding, and rolling of the grass areas, carefully adjust lawn sprinkler heads so they will be flush with grade.

4. Pop-ups installed on ½" flex hose using Schedule 40 PVC connectors.

5. Rotors to be installed on appropriate size flex hose using Schedule 40 PVC connectors. Ensure sprayer rotor water does not directly contact existing structures or hardscape areas.

J. Dielectric Protection: Use dielectric fittings at connection where pipes of dissimilar metal are joined.

K. Wiring:

1. Install wiring as shown on drawings from the point of connection to the controller, including a 6’ minimum pig tail to accommodate final connections at controller.
2. Control wiring shall be collocated with mainline or installed in conduit
    a. When collocated with the mainline, control wires shall be bundled at 10’ o.c. minimum and taped to the main at the same interval.
    b. When installed in conduit, control wires shall be loose and the conduit sized to allow future removal and installation of wire, but not less than 1” interior diameter.
    c. City staff will perform final wiring connections to contactors unless otherwise noted on the drawings.

L. Quick Coupler Valves:
1. Install coupler valve on an independent main line (do not collocate with irrigation zones).
2. Build and install per details on construction drawings. Provide 3” of galvanized main line up to and after a galvanized T. Provide 2’ of vertical galvanized pipe, capped at bottom. Mount QC valve on galvanized nipple, length as required.
3. Install valve in traffic rated valve box at finish grade; assembly shall be arranged so that tap can be easily connected and operated; consider tap and hose size requirements.

M. Rain Sensor: City Staff will provide and install rain sensor unless otherwise noted on the drawings.

## 3.5 ACCEPTANCE:

A. Maintenance: Contractor is responsible for all maintenance of the system until final acceptance by City Representative and for the maintenance period specified in section Trees, Plants and Ground Covers.

B. Final Inspection: The inspection of irrigated areas will be made by the City Representative upon contractor’s request. Provide notification at least 2 working days prior. The City Representative will provide a punch list of those items which must be corrected before re-inspection for final acceptance. The City Representative will set an appropriate time period in which the punch list items must be corrected.

1. Contractor to provide notification of at least 2 working days prior to inspection.
2. System to be run through electronically of all zones to ensure all components are working properly.
3. System to be run through City programming for one week prior to final acceptance.
4. As Built drawings: At project closeout, the Contractor shall submit complete electronic drawings showing any changes from approved shop drawing. These shall be included as part of required As-Built/Record Drawing requirement of the general provision and shall include the following:
    a. Irrigation system as installed.
    b. Water source location and size.
    c. Power source location.
    d. Changes to controller type or location.
    e. Changes in type or location of flow meter or master valve.
    f. Any wiring changes in location, number, type, color.
    g. Valve locations should be dimensioned and areas controlled identified.

h. Location, depth and size of mainline and feeder lines. Off-set to main line requested.
i. Location of maxi-com cable.
j. Location and depth of all directional bores.

3.6 GUARANTEE:

A. Guarantee: All work shall be guaranteed by contractor for one year from date of final acceptance against all defects and malfunctions in materials, equipment and workmanship and shall be included as a part of the project closeout document requirements.

1. The guarantee shall also cover repair of damage to any part of the premises resulting from leaks or other defects in materials, equipment and workmanship, to the satisfaction of the City of Tampa. Repairs, if required, shall be done promptly at no cost to the City of Tampa. The contractor shall not be responsible for damage to the irrigation system by others. The guarantee shall state the name of the owner, provide full guarantee terms, effective and termination date, name and license number. It shall be signed by the chief executive of the contracting firm and notarized. Manufacturer's warranties shall not relieve the contractor of his liability under the guarantee. Such warranties shall only supplement the guarantee.

2. The contractor shall make necessary repairs within 72 hours notice. If the Contractor neglects to make or undertake the repairs with the due diligence, the City of Tampa may make such repairs at the contractor's expense. In the case of an emergency where in the judgment of the City of Tampa, delay would cause loss or damage, repairs or replacement may be mad without notice being sent to the contractor and the contractor shall pay the cost thereof.

END OF SECTION 32 84 00

SECTION 329300 – PLANTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General Conditions and Division 01 Specification Sections (if included), RFP documents, and standard Agreement apply to this Section. Contact the City Representative in the event of any discrepancies between these specifications and related documents.

1.2 DESCRIPTION OF WORK

A. Furnish all materials, transportation, equipment and labor necessary for installation of specified plant material, incidental work, and accessories including soil preparation and grading as further described on the drawings and throughout this section.

B. Work includes protection of existing facilities, control of the job site, erosion control, and traffic management [Delete if redundant to Div 01, RFP or standard Agreement].

C. Obtain all applicable permits prior to beginning work.

1.3 SUMMARY

A. Section Includes:

1. Plant material.
2. Soil amendments & preparation
3. Tree and palm stabilization.
4. Tree-watering devices.
5. Landscape edgings & root barriers.
6. Tree grates…move to site furnishings if appropriate.

B. Related Requirements:

1. Section 329113 “Soil Preparation”
2. Section 329200 “Turf and Grasses”
3. Section 329400 “Planting Irrigation”
4. FDOT Standard Plans 102-600 to 661 “Traffic Control through Work Zones”
5. Florida Erosion and Sediment Control Manual

1.4 DEFINITIONS:

A. Establishment Period: Critical timeframe for plant establishment begins when plant material is installed and continues for [90 days, 12 weeks, 6 months, 1 year] after Installation Acceptance. See Item 3.6 – MAINTENANCE AND ESTABLISHMENT for additional information. Combine Maintenance and Establishment Period into a single item when installing contractor will be required to provide maintenance throughout the entire establishment period. Can also be concurrent with the Warranty Period.

B. Installation Acceptance: Written acceptance of plant material and associated improvements; provided by City Representative upon Awardee request and when plant material and associated improvements comply with the plans and specifications. See Item 3.7 – ACCEPTANCE for additional information.

C. Florida Grades and Standards: "Florida Grades and Standards for Nursery Plants," latest edition, as published by the Florida Department of Agriculture.

D. Maintenance Acceptance: Written acceptance of plant material and associated improvements at the end of the Maintenance Period; provided by City Representative, contingent upon inspection. See Item 3.6 – ACCEPTANCE for additional information.

E. Maintenance Period: Timeframe during which the installing contractor is responsible for maintenance of the installed plants and surrounding areas. Beginning at Installation Acceptance and continuing for [90 days, 6 months, 1 year] until Maintenance Acceptance.

F. Nursery Grown Plant Material: Plant material grown under professional care at a nursery, greenhouse tree farm, or similar facility; also includes plants that have been collected (e.g. cabbage palms) and reestablished under professional care at a nursery or similar facility.

G. Transplanted Material: Existing plants relocated on the project site or plants collected from off-site and relocated to the project site. These are plants that have not been grown or reestablished in a nursery setting.

H. Warranty Period: See Item 1.9 – WARRANTY.

1.5 QUALITY ASSURANCE

A. Plant material installation and appurtenant work to be completed by a single firm specializing in landscape work.

B. The City Representative may reject any work that does not meet the requirements of the project drawings or specifications.

1. Correct rejected work prior to requesting re-inspection or the next scheduled review.
2. Work may be rejected at any point during the contract until Maintenance Acceptance.
3. See Item 1.9 – WARRANTY for defect resolution after Maintenance Acceptance.

C. See PART 2 – PRODUCTS for quality of plants, accessories, and other incidental material.

D. Do not make substitutions. If specified material is not obtainable, submit proof of non-availability and proposed substitute to City Representative. If a substitute is approved, contract amount may be revised.

E. The City Representative reserves the right to inspect and approve all trees at the source (nursery, farm, other place of growth) prior to purchase.

1. Tag individual trees or identify blocks at the source prior to inspection by City Representative.

2. If City Representative waives the right of inspection at the source, then the Awardee shall submit photographs per Item 1.6 – SUBMITTALS.

1.6 SUBMITTALS

A. Make all submittals prior to commencing work with enough time for review and approval or as specifically required in subsequent items.

B. Submit overall work schedule at least 2 weeks before beginning work.

1. Notify City Representative a minimum of 1 week before beginning any phase of work (e.g. soil preparation, irrigation, planting).

2. Submit revised schedule as necessary.

3. See PART 3 – EXECUTION for additional notification requirements.

C. Submit soil test reports and recommendations. See Item 3.3 – PREPARATION for additional information.

D. Submit certificates of inspection for plant material when required by the Florida Department of Agriculture.

E. Submit manufacturers' certified analysis for soil amendments, herbicides, insecticides and fertilizer materials.

F. Submit digital photos of plant material at least 2 weeks prior to delivery:

1. Trees and Palms: Submit photo of actual trees to be installed.

2. Shrubs, Grasses, Ground Covers, and Vines: Submit representative photos depicting the [typical, minimum] size and quality of each species and variety.

3. Photos shall be reasonably sized, in focus, and include a measuring device.

4. The City Representative may reject any plants that do not match the photos submitted or do not meet the variety, quality, size specified.

5. The City representative may reject plants that have been damaged during delivery, installation, or other work regardless of prior approval.

6. The City Representative may choose to review plants at the nursery/farm in addition to, or in lieu of, reviewing photos.

G. Submit the following material samples and source information at least 2 weeks prior to delivery:

1. Mulch (organic and mineral), 1 quart of each type specified.

2. Topsoil with verification of sterilization and source, 1 quart.

3. Samples are not necessary if City Representative accepts material based on source and product data provided by Awardee.

H. Submit receipts and empty bags/containers of mycorrhizal inoculant product [delete if not specified on the project].

I. Submit product data and warranty information for all products that will be part of the finished work including any proprietary tree stabilization systems.

J. Submit maintenance recommendations to supplement City standards, if necessary, for maintenance during the Warranty Period. [Delete if the installing contractor will be engaged to maintain the plants throughout the warranty period.]

K. Submit As-Built Drawings:

1. Submit drawings digitally per the general conditions of the contract.

2. Legibly mark drawings to record actual installation locations and details.

3. Include dimensions where necessary to communicate actual locations.

4. Include reason for deviation from plans such as utility conflicts or Owner directive.

## 1.7 DELIVERY, STORAGE AND HANDLING

A. Deliver fertilizer materials in original, unopened, and undamaged containers showing weight, analysis, and name of manufacturer. Store in manner to prevent wetting and deterioration.

B. Prepare and protect plant material as necessary during transport to deliver plants of the specified quality to the project site. Damaged or stressed plants may be rejected.

1. The use of “anti-desiccants” may be acceptable based on product and application method; review with City Representative prior to applying products.

2. Dig, pack, transport, and handle plants with care to ensure protection against injury.

C. Certificates of Inspection required by the Florida Department of Agriculture shall accompany each shipment invoice or order. Upon arrival the certificate shall be filed with the appropriate City of Tampa Department.

D. Protect all plants from drying out. Install plants immediately upon delivery or protect from drying by irrigation and/or insulation as necessary.

E. Do not bind plants with materials, or in a manner, that may cause damage.

F. Cover plants transported on open vehicles to prevent wind damage.

G. Label at least one (1) tree and one (1) shrub of each variety with a securely attached waterproof tag bearing legible designation of botanical and common name.

H. Store bulk and stockpiled material (e.g. soil, mulch, compost) to prevent offsite runoff and pollution.

I. Improperly stored material may be rejected.

## 1.8 JOB CONDITIONS

A. Review existing project site conditions and proposed material quantities before submitting proposal/bid. Notify City Representative of any material discrepancies or site conditions that will affect proposal or work.

B. Contact Sunshine 811 a minimum of 72 hours before beginning work. Verify all underground and above grade utilities prior to start of work. Mark underground utility locations.

C. Examine sub-grade and existing elevations before beginning other work.

D. Notify City Representative of any utility conflicts or adverse conditions before starting work. Start of work will indicate acceptance of existing conditions.

E. Locate, protect, and maintain the existing irrigation system during planting operations. Repair irrigation system components, new and existing, damaged during planting operations with like materials. Test system prior to installation of plant material.

## 1.9 WARRANTY

A. This warranty is supplemental to any overall project warranty and specific to plant material and accessories.

B. Repair or replace plantings and accessories that fail in materials, workmanship, or performance within the warranty period.

1. Failures include, but are not limited to, the following:

    a. Death, unsatisfactory growth, unhealthy condition, or unsightly appearance, except for defects resulting from abuse, lack of adequate maintenance, or neglect by Owner.
        1) Unsatisfactory growth means any plant that does not meet the originally specified quality (e.g. Florida No. 1).
        2) Unhealthy condition means any condition, infection, or infestation affecting the immediate or long-term health of the plant resulting from the Awardee's negligence.
        3) Unsightly appearance will generally be based on Florida Grades and Standards for Landscape Plants but may also be evaluated based on the project specifications, and reasonable expectations of plant species/variety and site conditions.
    b. Structural failures include complete failure (e.g. falling, splitting, leaning) or failures of parts such as broken limbs or compromised roots.
    c. Settlement, displacement or other failure of planting appurtenances such as tree stabilization, tree grates, and landscape edging.
    d. Deterioration of metals, metal finishes, and other materials beyond normal weathering.

2. Warranty Period: [12] months from date of Installation Acceptance.

3. Provide remediation including, but not limited to, the following:

    a. Reset trees and palms that have shifted out of plumb.
    b. Reset plants that have settled below finish grade or specified root ball elevation.
    c. Remove and replace dead or unsatisfactory plants within 4 weeks of identifying failure or receipt of written request from City Representative unless restricted by site conditions, weather, or season; remediate as soon as conditions allow.

        1) A limit of one replacement of each plant is required except for losses or replacements due to failure to comply with requirements.
        2) Provide extended 6 month warrant for replaced plant material.

4. Warranty Exclusions: Failures caused by fires, floods, lightning, winds over 75 miles per hour, anomalous freezing weather; vandalism, or Owner negligence.

5. Final Acceptance: The City Representative, or designee, will inspect the project at the end of the Warranty Period. See Item 3.7 – ACCEPTANCE for additional information.

## PART 2 - PRODUCTS

### 2.1 PLANT MATERIAL

A. Plant Names:

1. Provide plant species and varieties as listed on the drawings (e.g. plant schedule).

2. Scientific names are based on the International Plant Name Index. Notify City Representative of any nomenclature discrepancies or confusion that may cause mistakes when procuring plants.

3. Provide stock true to scientific name [botanical nomenclature] and legibly tagged.

B. Provide plant material graded “Florida No. 1” per Florida Grades and Standards for Nursery Plants, current edition, unless otherwise noted on the drawings.

1. Any tree that has been sheared, topped or subjected to any non-structural pruning may be rejected.

C. Take caliper measurements 6” above ground level if 4” or less. If greater than 4”, caliper measurement will be taken at 12” above ground level per Florida Grades and Standards for Nursery Plants.

D. Provide Nursery Grown Plant Material in compliance with Florida Grades and Standards for Nursery Plants. [Notes below are included in Florida Grades and Standards for Nursery Stock]

1. Provide field grown or container grown stock as indicated on the drawings; if no preference is indicated, then provide container grown stock for shrubs and trees less than 3” caliper.

2. Provide plants with root balls (or container sizes) relative to the overall plant size per Florida Grades and Standards for Nursery Plants.

3. Properly prepare field grown stock for transplant per Florida Grades and Standards for Nursery Plants. Field grown (AKA balled and burlapped) trees shall be obtained from Roots Plus Growers.

4. See Part 3 – EXECUTION for installation including removal of root ball binding.

E. Specified Plant Sizes

1. Provide plant material per the minimum sizes specified on the drawings.

2. Specified height and spread supersedes specified container size. Provide plants in larger containers if necessary to meet the specified height and spread. Written approval is required to provide smaller containers.

3. Measure tree height from the top of the root ball to the average height of the top of the canopy. Do not measure tree height to a single leader or whip extending from the canopy except for species with strong apical dominance such as *Taxodium distichum*.

4. Plants that exceed the specified size are acceptable at no additional cost. Do not prune larger plants to meet a smaller specified size. Larger plants shall have roots in proportion to the increased size as described in Florida Grades and Standards for Landscape Plants.

5. When a single species is planted in rows or groups, provide plants of similar size, proportion, and form unless otherwise noted on the drawings.

F. Pruning wounds larger than 1" in any dimension are not acceptable; all pruning wounds must be compartmentalized or demonstrate compartmentalization in process to the satisfaction of the City representative. See Item 3.4.F for pruning after installation.

G. Plant material exhibiting signs of stress may be evaluated and rejected by City Representative.

## 2.2 SOIL & AMENDMENTS

A. Planting Soil: 1 part native soil, 1 part topsoil. See Part 3 – EXECUTION and drawings for depth and extent of Planting Soil.

1. Native (in-situ) Soil: soil existing on site excluding construction debris, muck, road base, and other non-viable or high pH (>8.0) material. Notify the City if there is inadequate native soil on site. The City may approve the use of additional topsoil or other amendments as a component of the Planting Soil.

2. Topsoil: Submit topsoil recommendations, source and composition that is more or less 55% sand, 25% silt, 10% compost, 5% clay, 5% pine bark fines; and completely free of weeds and viable seedbank.

B. Mycorrhizal Inoculant: A transplant amendment such as Diehard Transplant (or approved equal product) formulated to inoculate landscape trees and shrubs with live beneficial mycorrhizal fungi including endo- and ectomycorrhizal inoculants and other additives as necessary to facilitate the growth and viability of the fungi may be applied.

## 2.3 FERTILIZERS

A. Slow-Release Fertilizer: Granular or pelleted fertilizer consisting of 50 percent water-insoluble nitrogen and potassium in amounts recommended in soil report.

B. Fertilizer Tablets: Tightly compressed, chip-type, slow-release, commercial-grade planting fertilizer tablet. Tablets shall break down with soil bacteria, converting nutrients into a form that can be absorbed by plant roots.

1. Size: [5-gram] [10-gram] [21-gram] tablets.
2. Nutrient Composition: 20 percent nitrogen, 10 percent phosphorous, and 5 percent potassium, by weight plus micronutrients.

C. Chelated Iron: Commercial-grade FeEDDHA for dicots and woody plants, and commercial-grade FeDTPA for ornamental grasses and monocots.

D. City of Tampa Ordinance No. 2012-48 bans the application of fertilizer containing nitrogen or phosphorous from June 1 through September 30.

## 2.4 HERBICIDES & PESTICIDES

A. Pre-emergent Herbicide: (Selective and Nonselective): Effective for controlling the germination or growth of weeds within planted areas at the soil level directly below the mulch layer.

B. Post-Emergent Herbicide (Selective and Nonselective): Effective for controlling weed growth that has already germinated.

C. General: Pesticide registered and approved by the EPA, acceptable to authorities having jurisdiction, and of type recommended by manufacturer for each specific problem and as required for Project conditions and application. Do not use restricted pesticides unless authorized in writing by authorities having jurisdiction.

## 2.5 MULCHES

A. Provide mulch that is clean, bright and free from weeds, moss, sticks and other debris.

B. Organic Mulch: list type and depth if not provided on drawings.

C. Mineral Mulch (e.g. washed shell): list type, gradation, color, depth, etc if not provided on drawings.

## 2.6 TREE AND PALM STABILIZATION

A. Refer to project details.

B. Proprietary systems may be used with City approval.

C. Include proprietary systems such as Arbor-Brace here if desired for the project.

## 2.7 TREE WATERING DEVICES

A. Ooze Tube: [15, 25, 35] gallon watering bag system with adjustable emitters and wooden stakes; US Patent No. 7,082,716.

B. Treegator Original: Manufactured by Treegator; 15 gallon watering bag with 2 water release points; Combine 2 bags to create a 23 gallon system for trees larger than 3” caliper.

C. Tree Diaper: Manufactured by Zynnovation, LLC; [24r, 24s, 36 round, 48 round] synthetic envelope filled with water retaining pellets.

D. Products of equal performance and quality may be approved by the City Representative. Submit substitutions for approval prior to purchases or installation.

## 2.8 WATER

A. Provide water free of substances harmful to plant growth and containing less than 300 ppm soluble salts and less than 10 ppm chlorine, fluoride and sodium.

1. Acceptable water sources: deep wells, municipal potable supply and treated wastewater.
2. Provide materials necessary for transportation and distribution of temporary and permanent irrigation.

## 2.9 MISCELLANEOUS PRODUCTS

A. Refer to drawings and other specification sections for other accessories used on this project.

B. Root Barrier – Panel: Modular, interlocking, black, UV stable [12”, 18” 24”, 36”] depth x 24” width x [80 mils, 90 mils, 100 mils] [Polypropylene, HIPP, HDPE] panels.

C. Root Barrier – Roll: Black [12”, 18”, 24”, 36”, 48”] x [30 mils, 40 mils, 60 mils, 80 mils, 100 mils] HDPE sheet roll.

D. Root Barrier – Biological Control: [12”, 19.5”, 24”, 29”, 39”, 58.5”] geotextile with nodules impregnated with a non-systemic, low-soluble, biodegradable herbicide such as Trifluralin designed to release slowly over several years.

E. Moisture Retention Products: [Biodegradable] [granular, pellet, tablet, gel] soil amendment product that retain and release moisture gradually in root zone.

F. Anti-desiccant / Anti-transpirant: Protective emulsion providing a protective film over plant surface; permeable to permit transpiration. Mixed and applied in accordance with manufacturer’s instructions.

PART 3 - EXECUTION

3.1 PROTECTION

A. Install tree protection, job site fencing, and other protective measures per the project drawings, general conditions, or other specification sections prior to beginning other work.

B. Install and maintain tree protection for the duration of the project per the City of Tampa Tree and Landscape Technical Manual, latest edition.

C. Restore any facilities damaged during work to preconstruction condition at no additional cost to City.

3.2 INSPECTION

A. Examine proposed planting areas and conditions prior to installation. See Item 1.8 – JOB CONDITIONS for additional requirements.

B. Correct unsatisfactory conditions prior to plant installation.

3.3 PREPARATION

A. Time of planting.

1. Deciduous material: If deciduous trees are planted in-leaf, the City may accept the application of an anti-desiccant spray if recommended by the grower or installer. Review with City Representative prior to applying anti-desiccant / anti-transpirant products.

2. If planting or establishment period are within the hot, dry seasons, then additional irrigation may be necessary. Review with City Representative prior to installing plants.

3. Cold-sensitive plants imported from warmer climates may require an acclimation period prior to installation; do not install in December, January, or February without written approval.

B. Site Preparation: Remove existing vegetation and other materials per the drawings or as needed to accommodate the proposed improvements.

C. Bed Preparation:

1. Excavate existing soil as necessary to accommodate soil amendments, plants, finish grades, and mulch.

2. Ensure proper drainage prior to proceeding with soil amendment or planting; Notify City Representative of any conditions detrimental to plant growth discovered during excavation.

3. Incorporate __" of topsoil into __" of native soil to create a __" Planting Soil layer based on existing conditions, soil test recommendations, and proposed plant material.

4. Incorporate slow release fertilizer per soil test recommendation, manufacturer instructions, and local ordinances.

a. Do not apply fertilizer containing nitrogen or phosphorous between June 1 and September 30 per City of Tampa Ordinance No. 2012-48.

b. Do not apply fertilizer containing phosphorous unless recommended by soil test report AND approved by City Representative.

5. Apply preemergent and post-emergent herbicides as necessary to provide a weed-free planting medium; apply per manufacturer recommendations and federal, state and local requirements.

6. Rough grade planting bed areas in preparation for planting so that finished grades can be achieved after plant installation.

D. Tree Pit Preparation (when not included in planting beds): Excavate and prepare tree pits per Item 3.4 – Installation.

E. Tree Well Preparation: Prepare tree wells per plans and details; notify City Representative of any site conditions that may affect the installation of the tree well components or the success of the tree(s).

F. Plant Layout:

1. Layout planting beds for review and approval by City Representative prior to plant installation. Bed layout shall be as shown on the plans with continuous, smooth boundaries.

2. Stake tree locations for review and approval by City Representative prior to installation.

3. Layout shrub and ground cover plants for review and approval by City Representative prior to installation.

4. Give 48 hours notice of need for inspection.

5. Notify City Representative if site conditions require plant material location adjustments after initial layout approval. Install plants only after City Representative has approved proposed location.

G. Prepare planting areas and pits as described in this specification and/or per plans and details.

H. Incorporate mycorrhizal inoculant product into Planting Soil layer per manufacturer recommendation.

## 3.4 INSTALLATION

A. Planting shall be performed by experienced workmen familiar with planting procedures under the supervision of a qualified supervisor with at least 10 years of experience.

B. Install plants per project drawings and as follows:

1. Dig planting pit per project details; remove any deleterious material; compact sub-grade below root ball if necessary.

2. Completely remove all containers, synthetic root ball wraps and binding; remove a minimum of 1/3 (top) of biodegradable root ball wraps (e.g. burlap).

3. Correct root ball as necessary for establishment and long-term plant health in accordance with Florida Grades and Standards for Landscape Plants and as follows:

    a. Remove excess soil from the top of the root ball – above the root collar.

    b. Remove excess roots established above the root collar as a result of excess soil.

    c. Remove circling / girdling roots.

4. Set top outer edge of the root ball at the average elevation of the proposed finish grade. Set the plant plumb and upright in the center of the planting hole. Do not place soil on top of the root ball. For grafted trees, ensure the graft is higher than surrounding mulch to accommodate displacement and replenishment without burying the graft.

5. Face plant to give the best appearance or relationship to each other, adjacent structure or primary view. City Representative may select rotation of plants during installation, prior to backfill and compaction.

6. Install tree and palm stabilization (staking / bracing / guying) per project details.

    a. Adjust trees and palms as needed to maintain plumb throughout warranty period at no additional cost to City. Trees >3" caliper may be installed without stabilization with mutual agreement of Landscape Architect, Contractor, and City Representative.

    b. Remove all above grade stabilization components. Stabilization systems may be removed at any time that the Awardee determines the trees are fully established. Stabilization may remain in place beyond the warranty period if necessary; the warranty period shall continue until all above-grade components are removed. The City reserves the right to retain 5% of the contract sum pending removal of stabilization systems.

7. Backfill planting pit with same soil excavated from pit until the pit is 2/3 full; water thoroughly before placing remainder of backfill; place any amendments listed below; repeat watering until fully saturated. Do not use muddy mixtures for backfilling.
    a. Place slow release fertilizer at all palms; 8-2-12-4Mg analysis; composition may be adjusted based on soil test recommendations; apply at manufacturer recommended rate or per soil test recommendations.
    b. Place slow release fertilizer (granular or tablet) at trees per manufacturer instructions and soil test recommendations if necessary based on tree species and soil conditions.
    c. Place 12 ounces of mycorrhizal inoculant product at each tree and palm planting location if not already incorporated into a prepared planting bed.

8. Form a soil ring for water retention around every tree and palm. Soil rings may also be required around large shrubs or shrubs not included in planting beds. Locate soil ring at the edge of the planting pit or as indicated on the detail drawings.

9. Correct tree canopy as needed per Item F – Pruning (below).

10. Install Tree Watering Device per project drawings and manufacturer instructions. See Item

C. Install ground cover plants per spacing specified on drawings. Adjust quantities as necessary to fill planting bed at specified spacing.

D. Anti-desiccant sprays may be approved in unique circumstances. If approved, apply per manufacturer recommendations.

E. Finish Grading:

1. After plant material has been installed and approved, rake planting beds to create a consistent finished surface conforming with pre-mulching finish grades as described on the drawings; eliminate ruts and depressions; maintain soil rings around trees and palms where applicable per details and specs.

2. If project drawings do not include grading plans or notes, finish planting beds to drain away from buildings and structures; eliminate ruts and depressions; maintain soil rings around trees and palms where applicable per details and specs.

3. Notify the City Representative of any site conditions or drawing discrepancies that will prevent proper drainage or finish grading.

F. Mulch:

1. Install [organic, mineral] mulch at tree and palm planting pits per drawings.

2. Install [organic, mineral] mulch throughout planting beds per drawings. Can also specify the depth of mulch here instead of drawings, but the details give some additional information about mulching on top of root balls or next to stems.

3. Thoroughly water mulched areas and rake to provide a uniform finished surface.

G. Pruning:

1. Prune trees to promote long term structural integrity or provide required clearances. Do not prune trees to "compensate" for root loss.

a. Prune trees per ANSI A300, Part 1 – Pruning

b. Remove dead/broken branches.

c. Can specify clearances here or on drawings.

1) 8'-6" limit of clear sight above roadway pavement.

2) 7'-0" pedestrian clearance above pavement FL Accessibility code and ADA generally require 6'-8", but 7' provides a little buffer for future growth. P&R typically maintains 8' clearance.

3) 14'-0" vehicular clearance above roadway pavement. This clearance might vary depending on the facility.

d. Correct tree canopies (crown) to promote a single, dominant central leader by subordinating or removing competing (codominant) stems when necessary. Do not remove more than 25% of foliage without prior approval.

2. Prune shrubs to remove dead/broken branches and to create a desired form (e.g. hedge) as described on the drawings. Do not shear shrubs unless they are intended to be topiary or hedges.

3. Prune herbaceous material to remove damaged or dead parts.

4. Replace plants if removal of damaged parts will result in a substandard plant (smaller than specified or lower quality).

H. Tree Watering Devices: Install tree watering devices per project drawings and manufacturer instructions; adjust emitters or perforations as necessary to deplete the reservoir within the specified timeframe.

## 3.5 CLEANING

A. Perform cleaning during installation and upon completion of the work.

B. Remove from site all excess materials, soil, debris, and equipment; do not leave on site overnight unless approved by the City Representative.

C. Repair any damage resulting from planting and incidental operations.

## 3.6 MAINTENANCE AND ESTABLISHMENT

A. Maintain all plant material and appurtenant work throughout construction until Installation Acceptance (Item 3.7) and regularly throughout the Maintenance and Establishment Period.

B. Maintenance and Establishment Period: [3, 6, 12 month] period beginning at Installation Acceptance and concurrent with the Warranty Period (Item 1.9).

C. Maintenance:

1. Maintenance includes but is not limited to pruning, cultivating, mowing, weeding, fertilizing, watering, and application of appropriate insecticides and fungicides necessary to maintain plants free of insects and disease.

2. Re-set settled plants to proper grade and position. Restore planting saucer and adjacent material and remove dead material.

3. Reset trees and palms as needed to maintain plumb.

4. Tighten and repair guys and stakes as needed.

5. Correct defective work immediately after deficiencies become apparent and weather permits.

6. Maintain plant material at the specified quality (e.g. Florida No. 1).

D. Establishment:

1. Establishment period: [delete if combined with maintenance period]

2. Provide supplemental water and plant care as necessary to establish installed material for a period of [90 days, 6 months, 1 year].

3. Program irrigation system for establishment; adjust program as necessary throughout establishment period [per drawings or as follows]:

a. Include an irrigation schedule here if not included on drawings. It may be easiest to include a table since there will be different water needs for trees, shrubs, lawn and the needs change over the duration of the establishment period.
b. Adjust schedule based on actual conditions and rainfall.
c. Do not oversaturate soil.

4. If no irrigation system exists, water plant material per the following schedule: Reference establishment schedule on drawings if applicable, do not repeat.
   a. Trees and palms
      1) 1 to 30 days: water every other day, saturate soil to depth of planting pit, fill tree watering device, adjust watering device to discharge completely within 48 hours.
      2) 30 to 60 days: water twice per week, saturate soil to depth of planting pit, fill tree watering device, adjust watering device to discharge completely between 24 and 48 hours.
      3) 60 to 90 days: water once per week, saturate soil to depth of planting pit, fill tree watering device, adjust watering device to discharge completely between 24 and 48 hours.
      4) Remainder of Warranty Period: Monitor plant performance and provide supplemental water as needed.

5. Adjust quantity and frequency of establishment irrigation based on actual site conditions, rainfall, and plant performance.

6. Submit weekly report of watering activities to City Representative. Include date of watering, location, method and quantities applied.

7. Provide any supplemental plant care necessary for the establishment of the installed plants.

## 3.7 ACCEPTANCE

A. Installation Acceptance: City Representative will inspect plant material and incidental material covered in this section upon Awardee request and issue a written Installation Acceptance or "punch list" of items to be corrected.

1. Request inspection a minimum of 5 working days before desired inspection date. City Representative will perform the inspection on the desired date or no more than [2] days after.

2. If a punch list is provided, then re-inspection is required. The correction and re-inspection timeframe will be determined based on the amount of work required.

3. Installation Acceptance will be provided once all punch list items are resolved.

B. Maintenance [Establishment] Acceptance: City Representative will inspect materials and areas maintained by Awardee upon request and issue a written Maintenance Acceptance or punch list. Edit or delete this item if no maintenance period is included in the contract. Keep in mind that establishment may still be required. Edit sub-items if necessary for establishment only with incidental maintenance.

1. Request inspection 5 to 10 working days before desired inspection date or end of specified Maintenance Period. City Representative will perform the inspection on the desired date or no more than [2] days after.
2. Continue maintenance until all punch list items are resolved.
3. Maintenance Acceptance may also address plant material establishment. [This depends on whether the maintenance period is long enough to cover establishment and warranty.]

C. Final Acceptance: The City Representative will inspect the plant material and incidental materials near the end of the Warranty Period.

1. The City Representative will issue a written summary of required corrections/remediation if any.
2. The Warranty Period shall be extended until all soil rings are leveled and any other temporary establishment measures removed or corrected including all above grade bracing and guying material.
3. The City Representative may inspect the work at any time during the Warranty Period.
4. If no deficiencies are documented or corrections requested by the conclusion of the Warranty Period, then Final Acceptance is implied. Written acceptance can be provided upon request.

END OF SECTION 329300

## REQUIRED IMPROVEMENTS

- Reinforced Concrete Pavement
- Heavy Truck Load-in/out Route
- Alternate Truck Route TBD
- Granite Pavers over Concrete Base
- Ashley Drive Sidewalk
- Improved Event Lawn
  Improved Terrace Lawn
- Soil and Planting Improvements
- Canopy Trees
- Palm Trees
- Ornamental Trees
- Soil Volume System

1. Replace Museum Promenade Pavement
2. Finish Ex. Conc. To Match New
3. Concrete Pvmt To Match Exist.
4. Replace Granite with Concrete
5. Relocated Concrete Cubes
6. Fixed & Removable SST Bollards
7. Remove Mist Fountain
8. Remove Wood Decks
9. Restroom Improvements

## SECONDARY IMPROVEMENTS

10. High Canopy Shade Structure with Permeable PIP Rubber, Ipe Deck, Other Improved Surface, or Combination of Surfacing below.
11. Shelter to Match Existing
12. Secondary Palm Plaza

- Palm Trees


Parks&Recreation
CITY OF TAMPA

# Curtis Hixon Waterfront Park

## Schematic Design

March 2, 2026

ATTACHMENT I

N

0 80

| **Points Pursuant to Designated Industry Category:_____**<br>***DMI-71 FORM***<br>**(Refer to DMI 50 Form - Good Faith Efforts (GFE) Outreach)** | | |
|---|---|---|
| | **Evaluation Criteria** | **Point Values** |
| A. | SLBE participating as the Prime Contractor (City of Tampa Certified Only) with meaningful subcontractor/subconsultant participation of City Certified SLBE firms. | 5-15 |
| *B. | Prime Contractor with meaningful subcontractor/subconsultant of City Certified SLBE firms. | 0 - 10 |
| **Note: The maximum points available for SLBE participation will not exceed fifteen (15) points. In addition, evaluation points will be awarded for To-Be-Determined (TBD) participation.** | | |

Points are determined as follows (Requires DMI 50 Form - GFE):

A. Five to Fifteen (5-15) rating points **may** be awarded when the Proposer is a City of Tampa Certified SLBE firm and utilizes SLBE certified firm(s) as sub-contractors/ sub-consultants and assigned to perform meaningful segments of the contractual services detailed herein and documented on the enclosed DMI 10 & 20 Forms.

B. Zero to Ten (0-10) rating points **may** be awarded when the proposer is not a City of Tampa certified SLBE prime contractor but utilizes SLBE certified firm(s) as sub-contractors/ sub-consultants and is assigned to perform meaningful segments of the contractual services detailed herein and documented on the enclosed DMI 10 & 20 Forms.

*A maximum of three (3) "discretionary" rating points **may** be awarded when the Proposer provides SLBE participation from an external agency recognized by the City of Tampa. **In addition, evaluation points may be awarded for To-Be-Determined (TBD) participation.**

**The maximum number of points available for SLBE participation will not exceed fifteen (15) points.**

**Equal Business Opportunity Evaluation Weighted Points: CCNA Proposal Guidelines**

Under CCNA solicitations, proposers must submit to preconstruction Good Faith Efforts (GFE) requirements covering the inclusion of City of Tampa-certified SLBE firms. Such inclusion shall be clearly addressed and documented utilizing DMI 10, 20, and 50 Forms. Proof of certification shall include copies of current certification certificates. This applies to ALL Phase 1 preconstruction design services.

Points awarded during the shortlist selection process will be more heavily weighed predominantly on the design side (this does not preclude identification of phase 2 projections of construction participation that follow in the future, i.e., GMPs). In order to ensure the maximum points, a proposer must **clearly identify and quantify** its planned participation without ambiguity. Simply marking "To Be Determined" (TBD) will not satisfy this requirement and may result in significantly lower ratings. Finally, additional favorable consideration will be granted to the firm(s) that, beyond all others, provide the highest *relevant* and most binding participation.

**Additional Evaluation Information:**

The evaluation includes, but is not limited to, the following criteria:

- SLBE subcontractors listed to be utilized (DMI Form 20)
- Percentage of proposal/scope committed to SLBE subcontracting.
- The collective factors in determining the total points awarded will be based on the overall weight of evidence in the proposal that specified the participation.
- Subcontractors are utilized for meaningful tasks, which are viewed as related to the core scope of work.

In all cases, the Proposer and/or subcontractor(s) must be SLBE certified prior to the opening date and time of the RFP to be eligible to earn SLBE rating points. The City of Tampa's Office of Equal Business Opportunity will evaluate the SLBE participation evaluation process. The Successful Proposer will be required to execute the DMI 40 Form (Letter of Intent-LOI) with their subcontractors/sub-consultants prior to award.

**Failure to Complete, Sign and Submit Forms 10, 20, & 50 MAY render the Bid or Proposal Non-Responsive**



**City of Tampa – Schedule of All Solicited Sub-(Contractors/Consultants/Suppliers)**

***(DMI 10 Form)***

Contract No.:_____ Contract Name:_____

Company Name:_____ Address:_____

Federal ID:_____ Phone:_____ Fax:_____ Email:_____

Check applicable box(es). Detailed Instructions for completing this form are on page 2 of 4.

☐ **No Firms were contacted or solicited for this contract.**

☐ **No Firms were contacted because:**_____

☐ **See attached list of additional Firms solicited and all supplemental information (List must comply with this form)**

**Note: Form DMI-10 must list ALL subcontractors solicited**

NIGP Code Categories: Buildings = 909, General = 912, Heavy = 913, Trades = 914, Architects = 906, Engineers & Surveyors = 925, Supplier = 912-77

| S = SLBE<br>O = Neither<br><br>Federal ID | Company Name<br>Address<br>Phone, Fax, Email | Trade or Services<br><br>NIGP Code (listed above) | Contact Method<br>L=Letter<br>F=Fax<br>E=Email<br>P=Phone | Quote or Response Received Y/N |
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It is hereby certified that the information provided is an accurate and true account of contacts and solicitations for sub–contracting opportunities on this contract.

Signed:_____ Name/Title:_____ Date:_____

**Failure to Complete, Sign and Submit Forms 10, 20, & 50 MAY render the Bid or Proposal Non-Responsive**

**Forms must be included with Bid / Proposal**

**Instructions for completing The Sub- (Contractor's/Consultants/ Suppliers) Solicited Form**
**(DMI 10 Form)**

**This form must be submitted with all bids or proposals**. **All** subcontractors (regardless of ownership or size) solicited and subcontractors from whom unsolicited quotations were received must be included in this form. The instructions that follow correspond to the headings on the form required to be completed. Note: Ability or desire to perform all work shall not exempt the prime from Good Faith Efforts to achieve participation.

**Contract No.** This is the number assigned by the City of Tampa for the proposal.

- **Contract Name.** This is the name of the contract assigned by the City of Tampa for the bid or proposal.
- **Contractor Name.** The name of your business and/or doing business as (dba), if applicable.
- **Address.** The physical address of your business.
- **Federal ID.** FIN. A number assigned to your business for tax reporting purposes.
- **Phone.** Telephone number to contact the business.
- **Fax.** Fax number for business.
- **Email.** Provide email address for electronic correspondence.
- **No Firms were contacted or solicited for this contract.** Checking the box indicates that a pre-determined Subcontract Goal or Participation Plan Requirement was not set by the city, resulting in your business not using subcontractors and will self-perform all work. If, during the performance of the contract, you employ subcontractors, the City must pre-approve subcontractors. Use of the "Sub-(Contractors/Consultants/Suppliers) Payments" form (DMI 30 Form) must be submitted with every pay application and invoice. Note: Certified SLBE firms bidding as Primes are not exempt from outreach and solicitation of subcontractors.
- **No Firms were contacted because.** Provide a brief explanation of why no firms were contacted or solicited.
- **See attached documents.** Check the box if, after you have completed the DMI Form in its entirety, you need more space to list additional firms and/or if you have supplemental information/documentation relating to the form. All DMI data not submitted on the DMI 10 Form must be in the same format and include all the requested data from the DMI 10 Form.

The following instructions are for the information of all subcontractors solicited.

- **"S" = SLBE.** Enter "**S**" for firms Certified by the City as Small Local Business Enterprises; **"O" = non-certified others**.
- **Federal ID.** FIN. A number assigned to a business for tax reporting purposes. This information is critical in the proper identification and payment of the contractor/subcontractor.
- **Company Name, Address, Phone & Fax**. Provide company information for verification of payments.
- **Trade, Services, or Materials** indicate the trade, service, or materials provided by the subcontractor. NIGP codes, aka "National Institute of Governmental Purchasing," are listed in the top section of the document.
- **Contact Method L=letter, F=fax, E=Email, P=Phone.** Indicate with a letter the method(s) of soliciting for bids.
- Q**uote or Resp. (response) Rec'd (received) Y/N**. Indicate "Y" Yes if you received a quotation or if you received a response to your solicitation. Indicate "N" No if you received no response to your solicitation from the subcontractor. Must keep records: log, ledger, documentation, etc. that can validate/verify.

If additional information is required or you have questions, please contact the Equal Business Opportunity Program - Office of Equal Business Opportunity at (813) 274-5522

**Failure to Complete, Sign, and Submit Forms 10, 20, & 50 MAY render the Bid or Proposal Non-Responsive**



## City of Tampa – Schedule of All To-Be-Utilized Sub-(Contractors/Consultants/Suppliers) *(DMI 20 Form)*

Contract No.:_____ Contract Name:_____

Company Name:_____Address:_____

Federal ID:_____ Phone:_____ Fax:_____ Email:_____

Check applicable box(es). Detailed Instructions for completing this form are on page 4 of 4.

☐ **See attached list of additional Firms Utilized and all supplemental information (List must comply with this form)**

**Note: Form DMI-20 must list ALL subcontractors To-Be-Utilized.**

☐ **No Subcontracting/consulting (of any kind) will be performed on this contract**.

☐ **No Firms are listed to be utilized because:**_____

NIGP Code General Categories: Buildings = 909, General = 912, Heavy = 913, Trades = 914, Architects = 906, Engineers & Surveyors = 925, Supplier = 912-77

Enter "S" for firms Certified as Small Local Business Enterprises: "O" for Other Non-Certified

| S = SLBE<br>O =Neither<br>Federal ID | Company Name<br>Address<br>Phone, Fax, Email | Trade, Services or Materials NIGP Code Listed above | $ Amount of Quote. Letter of Intent (LOI) if available | Percent of Scope or Contract % |
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**Total ALL Subcontract / Supplier Utilization $_____**

**Total SLBE Utilization $ _____**

**Percent SLBE Utilization of Total Bid/Proposal Amt. _____%**

It is hereby certified that the following information is a true and accurate account of utilization for sub-contracting opportunities on this Contract.

Signed:_____ Name/Title:_____ Date:_____

**Failure to Complete, Sign and Submit Forms 10, 20, & 50 MAY render the Bid or Proposal Non-Responsive Forms must be included with Bid / Proposal**

**Instructions for completing The Sub- (Contractor's/Consultants/ Suppliers) to be Utilized Form (DMI 20 Form)**

***This form must be submitted with all bids or proposals. All subcontractors (regardless of ownership or size) projected to be utilized must be included in this form***.

- **Contract No.** This is the number assigned by the City of Tampa for the proposal.
- **Contract Name.** This is the name of the contract assigned by the City of Tampa for the bid or proposal.
- **Contractor Name.** The name of your business and/or doing business as (dba) if applicable.
- **Address.** The physical address of your business.
- **Federal ID.** FIN. A number assigned to your business for tax reporting purposes.
- **Phone.** Telephone number to contact the business.
- **Fax.** Fax number for business.
- **Email.** Provide email address for electronic correspondence.
- **No Subcontracting/consulting (of any kind) will be performed on this contract.** Checking the box indicates your business will not use subcontractors when no Subcontract Goal or Participation Plan Requirement was set by the city but will self-perform all work. When subcontractors are utilized during the performance of the contract, the "Sub-(Contractors/Consultants/Suppliers) Payments" form (DMI 30 Form) must be submitted with every pay application and invoice. Note: Certified SLBE firms bidding as Primes are not exempt from outreach and solicitation of subcontractors, including completion and submission of Form-10 and Form-20.
- **No Firms listed To-Be-Utilized.** Check box: provide a brief explanation why no firms were retained when a goal or participation plan requirement was set on the contract. **Note: Mandatory compliance with Good Faith Effort outreach (GFECP) requirements applies (DMI 50 Form), and supporting documentation must accompany the bid.**
- **See attached documents.** Check the box if, after completing the DMI Form in its entirety, you need more space to list additional firms and/or if you have supplemental information/documentation relating to the scope/value/percent utilization of subcontractors. Reproduce copies of DMI-20 and attach. All data not submitted on duplicate forms must be in the same format and content as specified in these instructions.

The following instructions are for the information of all subcontractors To Be Utilized.

- **Federal ID.** FIN. A number assigned to a business for tax reporting purposes. This information is critical in the proper identification of the subcontractor.
- **"S" = SLBE,** enter "**S**" for firms Certified by the City as Small Local Business Enterprises; **"O" = non-certified others**.
- **Company Name, Address, Phone & Fax**. Provide company information for verification of payments.
- **Trade, Services, or Materials (NIGP code if known).** Indicate the trade, service, or material provided by the subcontractor. Abbreviated list of NIGP is available at http:/www.tampagov.net/DMI "Information Resources".
- **Amount of Quote, Letters of Intent** (required for SLBEs).
- **Percent of Work/Contract.** Indicate the percentage of the total contract price the subcontract(s) represent. For CCNA only (i.e., Consultant A/E Services), you must indicate subcontracts as a percentage of the total scope/contract.
- **Total Subcontract/Supplier Utilization.** – Provide the total dollar amount of all subcontractors/suppliers projected to be used for the contract. (Dollar amounts may be optional in CCNA depending on solicitation format).
- **Total SLBE Utilization.** Provide the total dollar amount for all projected SLBE subcontractors/Suppliers used for this contract. (Dollar amounts may be optional in CCNA proposals depending on the solicitation format).
- **Percent SLBE Utilization.** Total amount allocated to SLBEs divided by the total bid/proposal amount.

If additional information is required or you have questions, please contact the Equal Business Opportunity Program - Office of Equal Business Opportunity at (813) 274-5522.

**Failure to Complete, Sign, and Submit all Forms 10,20, & 50 MAY render the Bid or Proposal Non-Responsive**

# Good Faith Effort Compliance Plan (GFECP) Guidelines

for Small Local Business Enterprise Participation
City of Tampa - Equal Business Opportunity Program
**(DMI 50 Form – See detailed instructions on page 3 of 3)**

**Contract Name**_____ **Bid Date** _____

**Bidder/Proposer**_____

**Signature**_____ **Date**_____

**Name**_____ **Title** _____

**The Compliance Plan with attachments is a true account of Good Faith Efforts (GFE) made to achieve the participation goals as specified for Small Local Business Enterprises (SLBE) on the referenced contract:**

☐ **SLBE participation Goal is Not Specified for this Solicitation however participation is aspirational and GFECP is required.**

☐ **SLBE participation Goal is Met or Exceeded (refer to Goal-Set DMI-90 Form).**

☐ **SLBE participation Goal is Not Fully Achieved (refer to Goal-Set DMI-90 Form).**

**For each checkbox above Bidders/Proposers shall submit DMI Forms 10 and 20 which accurately report all subcontractors solicited and all subcontractors to-be-utilized. The following list is an overview of the required baseline GFECP action steps for all bids/proposals. Furthermore, it is understood that these GFECP requirements are weighted in the compliance evaluation based on the veracity and demonstrable degree of documentation provided with the bid/proposal:**

**(Check applicable boxes below - Must enclose supporting documents accordingly with Qualifying Remarks)**

(1) Solicited through reasonable and available means the interest of SLBEs that have the capability to perform the work of the contract. The Bidder or Proposer must solicit this interest within enough time to allow the SLBEs to respond. The Bidder or Proposer must take appropriate steps to follow up initial solicitations with interested SLBEs. □ **See DMI report forms for subcontractors solicited**. □ **See enclosed supplemental data on solicitation efforts**.

□ **Qualifying Remarks**

(2) Provided interested SLBEs with adequate, specific scope information about the plans, specifications, and requirements of the contract, including addenda, in a timely manner to assist them in responding to the requested scope identified by bidder/proposer for the solicitation**.** □ **See enclosed actual solicitations used**.
□ **Qualifying Remarks**

(3) Negotiated in good faith with interested SLBEs that have submitted bids (e.g. adjusted quantities or scale). Documentation of negotiation must include the names, addresses, and telephone numbers of SLBEs that were solicited; the date of each such solicitation; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why agreements could not be reached with SLBEs to perform the work. Additional costs involved in soliciting and using subcontractors is not a sufficient reason for a bidder/proposer's failure to meet goals or achieve participation, as long as such costs are reasonable. Bidders are not required to accept excessive quotes in order to meet the goal.
□ **DMI Utilized Forms for sub-(contractor/consultant) reflect genuine negotiations** □ **This project is an RFQ/RFP in nature and negotiationsare limited to clarifications of scope/percentages, specifications, qualifications and subs fee schedules.**
□ **See enclosed documentation**.
□ **Qualifying Remarks**

(4) Not rejecting SLBEs as being unqualified without justification based on a thorough investigation of their capabilities. The SLBEs standing within its industry, membership in specific groups, organizations / associations and political or social affiliations are not legitimate causes for rejecting or not soliciting bids to meet the goals.
□ **Not applicable**. □ **See attached justification for rejection of a subcontractor's bid or proposal**. □ **Qualifying Remarks**

(5) Made scope(s) of work available to SLBE subcontractors and suppliers; and, segmented portions of the work or material consistent with the available SLBE subcontractors and suppliers, to facilitate meeting the goal. □ **In addition, Sub-Contractors could bid on their own choice of work or trade without restriction to a pre-determined portion**. □ **See enclosed comments.**□ **Qualifying Remarks**

(6) Made good faith efforts, despite the ability or desire of Bidder/Proposer to perform the sub-tasks of a contract with its

own forces/organization. A Bidder/Proposer who desires to self-perform the sub-tasks of a contract must demonstrate good faith efforts if the goal has not been met**.** □ **Sub-Contractors were not prohibited from submitting bids/proposals and were solicited on work typically self-performed by the prime.** □ **Qualifying Remarks w/Documents**

(7) Segmented the portions of the work to be performed by SLBEs in order to increase the likelihood that the goals will be met. This includes, where appropriate, breaking out contract work items into economically feasible units (quantities/scale) to facilitate SLBE participation, even when the Bidder/Proposer might otherwise prefer to perform these work items with its own forces**.** □ **Sub-Contractors could bid on their own choice of work or trade without restriction to a pre- determined portion.**□ **Sub-Contractors were not prohibited from submitting bids/proposals and were solicited on work typically self-performed by the prime.** □ **See enclosed comments.**□ **Qualifying Remarks**

(8) Made efforts to assist interested SLBEs in obtaining bonding, lines of credit, or insurance as required by the City or contractor. □ **See enclosed documentation on initiatives undertaken and methods to accomplish**. □ **Qualifying Remarks**

(9) Made efforts to assist interested SLBEs in obtaining necessary equipment, supplies, materials, or related assistance or services, including participation in an acceptable mentor-protégé program. □ **See enclosed documentation of initiatives and/or agreements.** □ **Qualifying Remarks**

(10) Effectively used the services of the City and other organizations that provide assistance in the recruitment and placement of SLBEs.
□ **See enclosed documentation of services engaged.** □ **Overview (attached) of tactical actions and resources employed toward recruitment**

**Note**: Any unsolicited information in support of your Bid/RFP Compliance must accompany your submittal. □ **Identify Information Submitted**

## Participation Plan: Guidance for Complying with Good Faith Efforts Outreach (page 3 of 3 )

(1) All firms on the SLBE Goal Setting List must be solicited and documentation provided for email, fax, letters, phone calls, and other methods of outreach/communication with the listed firms. The DMI Solicited and DMI-Utilized forms must be completed for all firms solicited and all firms utilized. Other opportunities for subcontracting should be explored to attain participation. May consult Tampa EBO Office and/or research the online Data Management Business System Directory for Tampa certified SLBE firms.

(2) Solicitation of SLBEs, via written or electronic notification, should provide specific information on the services needed, where plans can be reviewed and assistance offered in obtaining these, if required. Solicitations should be sent a minimum of a week (i.e. 5 city business days or more) before the bid/proposal date. Actual copies of the bidder's solicitation containing their scope-specific instructions should be provided.

(3) With any quotes received, a follow-up should be made when needed to confirm detail scope of work. For anySLBE low quotes rejected, an explanation shall be provided detailing negotiation efforts.

(4) If a low bid SLBE is rejected or deemed unqualified the contractor must provide an explanation and supporting documentation for this decision.

(5) Prime shall break down portions of work into economical feasible opportunities for subcontracting. The SLBE directory may be useful in identifying additional subcontracting opportunities and certified firms not listed in the "SLBE Goal Setting Firms Contact List."

(6) Contractor shall not preclude SLBEs from bidding on any part of work, even if the Contractor may desire to self-perform aspects of the work.

(7) Contractor shall avoid relying solely on subcontracting those scopes of work where SLBE availabilityis not sufficient to attain pre-determined goals; including RFP/RFQ solicitations, all of which require GFECP compliance to achieve sub-consultant participation.

(8) In its solicitations, the Bidder should offer assistance to SLBEs in obtaining bonding, insurance, et cetera, if required of subcontractors by the City or Prime Contractor.

(9) In its solicitation, the Bidder should offer assistance in obtaining equipment for a specific job to SLBEs, if needed. This includes mobilization where applicable.

(10) Contractor should use the services offered by such agencies as the Small Business Development Center (SBDC) @ University South Fla.; SBDC @ Hillsborough County Entrepreneur Collaborative Center; Hillsborough NAACP Empowerment Center; Hillsborough County Economic Development Department DM/DWBE/SBE Program and Prospera-Hispanic Business Assoc. to name a few for the recruitment and placement of available SLBEs.