DESIGN BUILD AGREEMENT

PINELLAS COUNTY GOVERNMENT IS COMMITTED TO PROGRESSIVE PUBLIC POLICY, SUPERIOR PUBLIC SERVICE, COURTEOUS PUBLIC CONTACT, JUDICIOUS EXERCISE OF AUTHORITY AND SOUND MANAGEMENT OF PUBLIC RESOURCES, TO MEET THE NEEDS AND CONCERNS OF OUR CITIZENS TODAY AND TOMORROW.

DESIGN BUILD SERVICES AGREEMENT

RFQ TITLE: New PIE Parking Lot – Professional Design-Build Services

RFQ CONTRACT NO. 25-0708-RFQ-DB

COUNTY PID NO. 002877A

DB FIRM: FINFROCK Construction, LLC

DESIGN BUILD AGREEMENT

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PUBLIC NOTICE/LEGAL ADVERTISEMENT FOR THE REQUEST FOR QUALIFICATIONS

PUBLIC ANNOUNCEMENT AS REQUIRED BY THE CONSULTANTS

COMPETITIVE NEGOTIATIONS ACT, CHAPTER 287.055 FLORIDA STATUTES

DESIGN BUILD AGREEMENT

PINELLAS COUNTY, FLORIDA, (“Owner") by and through THE BOARD OF COUNTY COMMISSIONERS hereby contracts with **FINFROCK Construction, LLC** ("Design Builder") of Apopka, Florida, a Florida corporation authorized and licensed to do business in the State of Florida, to perform all work and services in connection with the design and construction of the Pinellas County New Parking Garage at the Strawberry Lot (Project"), as said work and services is set forth in this Agreement, the Plans and Specifications to be prepared by or for Design Builder as hereafter provided and all other Contract Documents hereafter specified (the "Work").

Owner and Design Builder, for the consideration herein set forth, agree as follows:

SECTION 1. CONTRACT DOCUMENTS

A. The Contract Documents consist of this Agreement, the Design Criteria Package, the Exhibits described in Section 6 hereof, the Public Notice/Legal Advertisement, and any duly executed and issued addenda, Change Orders, Work Directive Changes, Field Orders and amendments relating thereto. Further, the term Contract Documents shall include all plans and specifications for the construction of the Project (“Construction Documents”) to be prepared by or for Design Builder, but only after said Construction Documents have been completed and approved in writing by Owner. All of the foregoing Contract Documents are incorporated by reference and made a part of this Agreement (all of said documents including the Agreement sometimes being referred to herein as the "Contract Documents" and sometimes as the "Agreement" and sometimes as the “Contract”). A copy of the Contract Documents shall be maintained by Design Builder at the Project site at all times during the performance of the Work.

B. Design Builder shall furnish Owner one (1) sealed copy, one (1) reproducible set, and one (1) CD of the Contract Documents. All copies of the Construction Documents required by Design Builder for execution of the Work shall be made by Design Builder at Design Builder’s sole cost and expense. Upon the completion or termination of this Agreement, as directed by Owner, Design Builder shall deliver to Owner copies or originals, as required by the Owner, of all records, documents, drawings, notes, tracings, plans, Auto CAD files, specifications, maps, evaluations, reports and other technical data, other than working papers, prepared or developed by or for Design Builder under this Agreement (“Project Documents”). Design Builder shall be solely responsible for all costs associated with delivering to Owner the Project Documents. Design Builder, at its own expense, may retain copies of the Project Documents for its files and internal use. Notwithstanding anything in this Agreement to the contrary and without requiring Owner to pay any additional fees, Design Builder hereby grants Owner a nonexclusive, irrevocable license in all of the Project Documents for Owner’s use on this Project. Design Builder warrants to Owner that it has full right and authority to grant this license to Owner. Further, Design Builder consents to Owner’s use of the Project Documents to complete the Project following Design Builder’s termination for any reason or to perform reconstruction, additions to or remodeling or renovations of the Project.

C. Nothing contained in the Contract Documents shall create a contractual relationship between Owner and any third party; however, it is agreed that Owner is an intended third-party beneficiary of all contracts for design and engineering services, all subcontracts, purchase orders and other agreements relating to the Project between Design Builder and third parties. Design Builder shall incorporate the obligations of this Contract into its respective consultant agreements, subcontracts, supply agreements and purchase orders.

SECTION 2. SCOPE OF WORK

The scope of the Work to be performed by Design Builder herein includes the design and construction as set out and described in the Contract Documents, including but not limited to all labor, services, materials and equipment as may be required to complete the Work in compliance with the Contract Documents.

This Project consists of the design and construction of a new parking garage at the Strawberry Lot and associated site and roadway work. The project will be located on County-owned property at the St. Pete-Clearwater International Airport in Clearwater, FL.

The Project consists of two phases, referred to herein as Phase 1 and Phase 2. Phase 1, described more specifically in the attached Exhibit O, will include the following sub-phases: Program Verification, Schematic Design, Design Development, preparation of 50% complete Construction Documents, and development of the Lump Sum Price proposal. Phase 2, described more specifically in the attached Exhibit P, if authorized, will include the preparation of 100% Complete Construction Documents, completion of the Building Permit Phase, and the construction of the Project. Identified within Exhibit S are key personnel of the Design Builder's subconsultants. Design Builder shall require all subconsultants to agree that any such key personnel who are assigned to the Project shall not be removed without Owner's prior written approval, and if so removed must be immediately replaced with a person acceptable to Owner.

SECTION 3. CONTRACT AMOUNT

In consideration of the faithful performance by Design Builder of the covenants in this Agreement to the full satisfaction and acceptance of Owner, Owner agrees to pay, or cause to be paid, to Design Builder the following Phase 1 Fee and Lump Sum Price amounts (collectively herein "Contract Amount"), in accordance with the terms of this Agreement:

A. **Phase 1 -** For all Phase 1 Services, including, but not limited to, causing the preparation of the 50% complete Construction Documents, providing value engineering services, reviewing Construction Documents for constructability, assisting and meeting with the Owner during the various design sub phases, and preparing cost estimates and schedules, Design Builder shall receive the fixed amount of **$3,109,487.76** ("Phase 1 Fee") as the total lump sum compensation for all Phase 1 Services. Said lump sum amount shall be paid in accordance with the Phase 1 Compensation Schedule attached hereto as Exhibit Q.

B. **Phase 2 -** With respect to Phase 2 Services to be provided by Design Builder hereunder, Owner shall pay Design Builder the fixed lump sum amount ("Lump Sum Price") to be established in the Lump Sum Contract Price Amendment to the Agreement (the "Lump Sum Amendment"). Design Builder agrees to provide Owner with the Lump Sum Price proposal within forty-five (45) days after the Construction Drawings are at 50% Completion. The Lump Sum Price proposal shall be based upon the previous cost estimates provided by Design Builder as required hereunder. Further, the Lump Sum Price proposal shall be broken down into the categories and level of detail required by Owner. Design Builder agrees that all of its books, records and files, with respect to its development of the Lump Sum Amendment proposal, shall be open to Owner for review, examination and copying. The Lump Sum Price proposal shall include general condition expenses specified in the Lump Sum Amendment, and a profit markup not to exceed 5%. The Lump Sum Price shall be mutually agreed upon by Owner and Design Builder and shall be set forth in the Lump Sum Amendment. The form for the Lump Sum Amendment is attached hereto as Exhibit N. Design Builder guarantees that in no event shall the Design Builder's total compensation exceed the Lump Sum Price, as the Lump Sum Price may be adjusted pursuant to the terms herein for Change Orders and Construction Change Directives. In the event Design Builder and Owner fail to reach an agreement on the Lump Sum Amendment, Owner may elect to terminate this Contract. In the event of any such termination, Design Builder shall be entitled to receive that portion of the Contract Amount attributable to the Phase 1 Services earned through the date of termination plus that portion of any earned compensation associated with any Phase 2 Services provided, to the extent such services were expressly approved in advance and in writing by Owner; but Design Builder shall not be entitled to any further or additional compensation from Owner, including but not limited to damages or lost profits on portions of the Work not approved or performed.

SECTION 4. BONDS

A. Concurrent with its execution of the Lump Sum Amendment, Design Builder shall provide Performance and Payment Bonds, in the form prescribed in Exhibit A, in the amount of 100% of the Lump Sum Price, the costs of which are to be paid by Design Builder. The Performance and Payment Bonds shall be underwritten by a surety authorized to do business in the State of Florida and otherwise acceptable to Owner; provided, however, the surety shall meet the requirements of the Department of the Treasury Fiscal Service, “Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsurance Companies” circular. This circular may be accessed via the web at www.fms.treas.gov/c570/c570.html. Should the Contract Amount be less than \$500,000, the requirements of Section 287.0935, F.S. shall govern the rating and classification of the surety.

B. If the surety for any bond furnished by Design Builder is declared bankrupt, becomes insolvent, its right to do business is terminated in the State of Florida, or it ceases to meet the requirements imposed by the Contract Documents, the Design Builder shall, within five (5) calendar days thereafter, substitute at its cost and expense another bond and surety, both of which shall be subject to the Owner's approval.

C. At the time Design Builder executes this Agreement, Design Builder shall deliver to Owner proof, reasonably acceptable to Owner, of Design Builder’s ability to deliver the Performance and Payment bonds required hereunder.

SECTION 5. CONTRACT TIME AND LIQUIDATED DAMAGES

A. Time of Performance. Services performed pursuant to this contract shall remain in effect for twenty-seven (27) consecutive calendar months from the commencement date on the Notice to Proceed. This Agreement shall become effective on the date of execution of the Agreement. Duration of the contract shall be nine (9) months for Phase 1 Design and eighteen (18) months for Phase 2 Construction. Time is of the essence in the performance of the Work under this Agreement. The "Phase 1 Commencement Date" shall be established in the written Notice to Proceed to be issued by the Project Manager, as hereinafter defined. Design Builder shall commence the Phase 1 Services portion of the Work within five (5) calendar days from the Phase 1 Commencement Date. Any Work performed by Design Builder prior to the Phase 1 Commencement Date shall be at the sole risk of Design Builder. The “Phase 2 Commencement Date” shall be established in the Lump Sum Amendment, except to the extent otherwise agreed to in writing by Owner. Design Builder shall commence the Phase 2 Services portion of the Work within five (5) calendar days after the Phase 2 Commencement Date. No portion of the Work, with respect to the Phase 2 Services to be provided hereunder shall be performed prior to the Phase 2 Commencement Date, unless expressly approved in advance by Owner in writing. The total period of time beginning with the Phase 2 Commencement Date and ending on the date of Substantial Completion of the Work is referred to hereafter as the “Contract Time”. The Contract Time is further discussed in Paragraph B below.

B. Because the Work is to be completed in two phases (i.e. Phase 1 and Phase 2), the timely completion of Phase 1 is critical to the timely completion of Phase 2 and, therefore, completion of the entire Project. Accordingly, Design Builder agrees to provide the Phase 1 Services in accordance with Exhibit L. With respect to the Phase 2 Services, the Lump Sum Amendment shall include the date that portion of the Work associated with the Phase 2 Services must be substantially completed by Design Builder. That Substantial Completion date shall be established in terms of calendar days after the Phase 2 Commencement Date. In the event Design Builder and Owner fail to reach an agreement on the Contract Time and the Substantial Completion date, Owner may elect to terminate this Contract. In the event of any such termination, Design Builder shall be entitled to receive that portion of the Contract Amount attributable to the Phase 1 Services earned to the date of termination plus that portion of any earned compensation associated with any Phase 2 Services provided, to the extent such services were expressly approved in advance and in writing by Owner; but Design Builder shall not be entitled to any further or additional compensation from Owner, including but not limited to damages or lost profits on portions of the Work not approved or performed. Substantial Completion of the Work shall be achieved when the Work has been completed to the point where Owner can occupy or utilize the Work for its intended purpose. The entire Work shall be fully completed and ready for final acceptance by Owner within sixty (60) calendar days after the Substantial Completion Date. Final Completion shall occur when the Agreement is completed in its entirety, is accepted by the Owner as complete and is so stated by the Owner as completed. As used herein and throughout the Contract Documents, the phrase "Project Manager" refers to the Owner's duly authorized representative and shall mean the Division Administrator or Department Director, as applicable, acting directly or through duly authorized representatives.

C. Liquidated Damages in General. Owner and Design Builder recognize that, since time is of the essence for this Agreement, Owner will suffer financial loss if the Work associated with the Phase 2 is not substantially completed within the Contract Time specified in the Lump Sum Amendment, as said time may be adjusted as provided for herein. In such event, the total amount of Owner’s damages, will be difficult, if not impossible, to definitely ascertain and quantify. Should Design Builder fail to achieve Substantial Completion within the number of calendar days established herein, Owner shall be entitled to assess, as liquidated damages, but not as a penalty, of one thousand dollars ($1000.00) for each calendar day thereafter until Substantial Completion is achieved. Further, after Substantial Completion has been achieved, but Design Builder fails thereafter to achieve Final Completion within the required time period, Owner shall be entitled to assess, and Design Builder shall be liable for all actual damages incurred by Owner as a result of such failure. The Project shall be deemed to be substantially completed on the date the Design Professional issues a Certificate of Substantial Completion (after a Certificate of Occupancy has been issued by the local building official) pursuant to the terms hereof. Design Builder hereby expressly waives and relinquishes any right which it may have to seek to characterize the above noted liquidated damages as a penalty, which the parties agree represents a fair and reasonable estimate of the Owner’s actual damages at the time of contracting if Design Builder fails to Substantially or Finally Complete the Work within the required time periods.

D. Computation of Time Periods. When any period of time is referenced by days herein, it shall be computed to exclude the first day and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day shall be omitted from the computation, and the last day shall become the next succeeding day which is not a Saturday, Sunday or legal holiday.

E. Determination of Number of Days of Default. For all contracts, regardless of whether the Contract Time is stipulated in calendar days or working days, the Owner will count default days in calendar days.

DESIGN BUILD AGREEMENT

F. Right of Collection. The Owner has the right to apply any amounts due Design Builder under this Agreement or any other agreement between Owner and Design Builder, as payment on such liquidated damages due under this Agreement in Owner's sole discretion. Notwithstanding anything herein to the contrary, Owner retains its right to liquidated damages due under this Agreement even if Design Builder, at Owner's election and in its sole discretion, is allowed to continue and to finish the Work, or any part of it, after the expiration of the Contract Time including granted time extensions.

G. Completion of Work by Owner. In the event Design Builder defaults on any of its obligations under the Agreement and Owner elects to complete the Work, in whole or in part, through another Design Builder or its own forces, the Design Builder and its surety shall continue to be liable for the liquidated damages under the Agreement until Owner achieves Substantial and Final Completion of the Work. Owner will not charge liquidated damages for any delay in achieving Substantial or Final Completion as a result of any unreasonable action or delay on the part of the Owner.

H. Final Acceptance by Owner. The Owner shall consider the Agreement complete when the Design Builder has completed in its entirety all of the Work and the Owner has accepted all of the Work and notified the Design Builder in writing that the Work is complete. Once the Owner has approved and accepted the Work, Design Builder shall be entitled to final payment in accordance with the terms of the Contract Documents.

I. Recovery of Damages Suffered by Third Parties. Design Builder shall be liable to Owner to the extent Owner incurs damages from a third party as a result of Design Builder's failure to fulfill all of its obligations under the Contract Documents. Owner's recovery of any delay related damages under this Agreement through the liquidated damages does not preclude Owner from recovering from Design Builder any other non-delay related damages that may be owed to it arising out of or relating to this Agreement.

SECTION 6. EXHIBITS INCORPORATED

The following documents are expressly agreed to be incorporated by reference and made a part of this Agreement.

Exhibit A: Performance and Payment Bond Forms
Exhibit B: Insurance Requirements
Exhibit C: Release and Affidavit Form
Exhibit D: Design Builder Application for Payment Form
Exhibit E: Change Order Form
Exhibit F: Certificate of Substantial Completion Form
Exhibit G: Final Payment Checklist
Exhibit H: General Terms and Conditions
Exhibit I: Supplemental Terms and Conditions
Exhibit J: Design Criteria Package
Exhibit K: Permits
Exhibit L: Phase 1 and Phase 2 Project Design Milestones and Deliverables
Exhibit M: Design Professional, Engineers, & Contractor
Exhibit N: Lump Sum Amendment Agreement Form
Exhibit O: Scope of Phase 1 Services
Exhibit P: Scope of Phase 2 Services
Exhibit Q: Phase 1 Compensation Schedule
Exhibit R: Truth-in-Negotiation Certificate
Exhibit S: Design Builder's Key Personnel
Exhibit T: Stored Materials Record
Exhibit U: General Conditions Categories
Exhibit V: Request For Proposal Solicitation
Exhibit W Pave Strawberry Lot Plans

SECTION 7. NOTICES

A. All notices required or made pursuant to this Agreement by the Design Builder to the Owner shall be deemed duly served if delivered by U.S. Mail or private delivery service, addressed to the following:

If to the Owner:
Scott Yarley, PE
Airport Engineer
14700 Terminal Blvd.
Clearwater, FL 33762

If to the Design Builder:
Kyle Myers
Finfrock
ice President, Project Development
2400 Apopka Blvd
Apopka, FL 32703

B. Either party may change its above noted address by giving 10 days written notice to the other party in accordance with the requirements of this Section.

SECTION 8. MODIFICATION

No modification or change to the Agreement shall be valid or binding upon the parties unless in writing and executed by the party or parties intended to be bound by it.

SECTION 9. E-VERIFY

The Contractor and their Subcontractor(s) must register with and use the E-verify system in accordance with Florida Statute 448.095. A Contractor and Subcontractor may not enter into a contract with the County unless each party registers with and uses the E-verify system.

If a Contractor enters a contract with a Subcontractor, the Subcontractor must provide the Contractor with an affidavit stating that the Subcontractor does not employ, contract with, or subcontract with unauthorized aliens. The Contractor must maintain a copy of the affidavit for the duration of the contract.

If the County, Contractor, or Subcontract has a good faith belief that a person or entity with which it is contracting has knowingly violated Florida Statute 448.09(1) they shall immediately terminate the contract with the person or entity.

If the County has a good faith belief that a Subcontractor knowingly violated this provision, but the Contractor otherwise complied with this provision, the County will notify the Contractor and order that the Contractor immediately terminate the contract with the Subcontractor.

A contract terminated under the provisions of this section is not a breach of contract and may not be considered such. Any contract termination under the provisions of this section may be challenged to Section 448.095(2)(d), Florida Statute. Contractor acknowledges upon termination of this agreement by the County for violation of this section by Contractor, Contractor may not be awarded a public contract for at least one (1) year. Contractor acknowledges that Contractor is liable for any additional costs incurred by the County as a result of termination of any contract for a violation of this section.

Contractor or Subcontractor shall insert in any subcontracts the clauses set forth in this section, requiring the subcontracts to include these clauses in any lower tier subcontracts. Contractor shall be responsible for compliance by any Subcontractor or Lower Tier Subcontractor with the clause set for in this section.

SECTION 10. SUCCESSORS AND ASSIGNS

Subject to other provisions hereof, the Agreement shall be binding upon and shall inure to the benefit of the successors and assigns of the parties to the Agreement.

SECTION 11. GOVERNING LAW AND VENUE

The Agreement shall be interpreted under, and its performance governed by the laws of the State of Florida. In the event of any dispute by and between the parties, the exclusive jurisdiction and venue for any such proceeding shall be Pinellas County, Florida.

SECTION 12. NO WAIVER

The failure of the Owner to enforce at any time or for any period of time any one or more of the provisions of the Agreement shall not be construed to be and shall not be a waiver of any such provision or provisions or of its right thereafter to enforce each and every such provision.

SECTION 13. ENTIRETY

Each of the parties hereto agrees and represents that the Agreement comprises the full and entire agreement between the parties affecting the Work contemplated, and no other agreement or understanding of any nature concerning the same has been entered into or will be recognized, and that all negotiations, acts, work performed, or payments made prior to the execution hereof shall be deemed merged in, integrated and superseded by the Agreement.

SECTION 14. SEVERABILITY

Should any provision of the Agreement be determined by a court to be unenforceable, such a determination shall not affect the validity or enforceability of any other section or part thereof.

SECTION 15. CHANGE ORDER AUTHORIZATION

A price quote for a Change Order will not be considered valid and will be rejected unless it is received in response to a written County request, and the County will not make any such request until the County and the Contractor have first established agreement about the contents and administrative requirements of the proposed Change Order, which will include at a minimum details about the proposed modifications to the scope of work, available budget and appropriations applicable to the change, and all other requirements established by the County for proceeding with the Change Order.

SECTION 16. CONSTRUCTION

Any doubtful or ambiguous language contained in this Agreement shall not be construed against the party who physically prepared this Agreement. The rule sometimes referred to as "fortius contra proferentum" (pursuant to which ambiguities in a contractual term which appears on its face to have been inserted for the benefit of one of the parties shall be construed against the benefited party) shall not be applied to the construction of this Agreement.

SECTION 17. ORDER OF PRECEDENCE

In the event of any conflict between or among the terms of any of the Contract Documents, the following order of precedence shall be followed:

- Change Orders
- Exhibit N, Lump Sum Amendment
- General Terms and Conditions except the terms of any Supplemental Conditions shall take precedence over the Construction Agreement and the General Terms and Conditions.
- The Specifications
- Large Scale Details and Schedules
- The Drawings

To the extent any conflict in the terms of the Contract Documents cannot be resolved by application of the Order of Precedence, Supplemental Conditions, if any, shall take precedence or the conflict shall be resolved by imposing the more strict or costly obligation under the Contract Documents upon the Design Builder at Owner’s discretion.

DESIGN BUILD AGREEMENT

IN WITNESS WHEREOF, the parties have executed this Agreement on the date(s) indicated below.

DESIGN BUILDER

By: _____

Print Name: Daniel Helmick

Title: Executive Vice President, Project Development

Date: 11/24/2025

PINELLAS COUNTY, by and through its Board of County Commissioners

By: _____

Chairman

Date: _____

ATTEST:

Ken Burke, Clerk of the Circuit Court

By: _____

Deputy Clerk

Date: _____

APPROVAL AS TO FORM:

By: _____

Office of the County Attorney

APPROVED AS TO FORM
By: *Joseph A Morrissey*
Office of the County Attorney

EXHIBIT A

EXHIBIT A - BONDS

The exact language in Section I must be used when submitting bonds

BOND NO._____

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS:

That _____, as Principal,

And _____, as Surety,

Located at:

_____

(Business Address) (Phone Number)

Are held and firmly bound unto Pinellas County, Florida, as Obligee in the sum of

_____

_____

_ _____ DOLLARS $_____ For the payment whereof we bind ourselves, our heirs, executors, personal representatives, successors and assigns, jointly and severally.

WHEREAS, Principal has entered into an Agreement with Obligee for Bid Title: **New PIE Parking Garage – Professional Design-Build Services** (PID #**002877A**), Bid No: **25-0708-RFQ-DB** in accordance with Plans and Specifications, which Agreement is incorporated by reference and made a part hereof, and is referred to as the Agreement.

THE CONDITIONS OF THIS BOND is that if Principal:

1. Performs the Agreement at the times and in the manner prescribed in the Agreement; and
2. Pays Obligee any and all losses, damages, costs and attorneys' fees, including appellate proceedings, that Obligee sustains because of any default by Principal under the Agreement, including, but not limited to, all delay damages, whether liquidated or actual, incurred by Obligee; and
3. Performs the guarantee of all Work and materials furnished under the Agreement for the time specified in the Agreement; then this bond is void; otherwise it remains in full force.

Any changes in or under the Agreement and compliance or noncompliance with any formalities connected with the Agreement or the changes do not affect Surety's obligations under this bond.

The Surety, for value received, hereby stipulates and agrees that no changes, extensions of time, alterations or additions to the terms of the Agreement or other Work to be performed hereunder, or the Specifications referred to therein shall in anyway affect its obligation under this bond, and it does hereby waive notice of any such changes, extensions of time, alterations or additions to the terms of the Agreement or to Work or to the Specifications.

This instrument shall be construed in all respects as a statutory bond. It is expressly understood the time provisions and statute of limitation under Section 255.05 Florida Statutes, shall apply to this bond.

EXHIBIT A

BOND NO._____

By execution of this bond, the Surety acknowledges that is has read the Surety qualifications and obligations imposed by the construction Agreement and hereby satisfies those conditions.

IN WITNESS WHEREOF, the above bound parties have executed this instrument this _____day of_____

_____,20_____, the name of each party being affixed and these presents duly signed

by its undersigned representative, pursuant to authority of its governing body.

PRINCIPAL:

_____

_____

(Authorized Signature)

_____

(Print Name)

_____

(Title)

_____

_____

_____

(Business Address)

STATE OF FLORIDA

COUNTY OF _____

The foregoing instrument was acknowledged before me this day of _____

_____

By _____

of _____ a _____

Corporation, on behalf of the Corporation. He/She is personally known to me or has produced Florida Driver's License as identification and who did (did not) take an oath.

Notary: _____

Print Name: _____

Commission Number: _____

My Commission Expires: _____

EXHIBIT A

BOND NO._____

SURETY:

_____

(Print)

_____

_____

_____

_____

_____

_____

_____

(Business Address)

_____ _____

(Signature As Attorney In Fact)

(Attach Power of Attorney)

_____ _____

Witness as to Attorney in Fact (Print Name)

_____

(Title)

_____

_____

_____

(Business Address)

_____

(Telephone Number)

STATE OF FLORIDA

COUNTY OF _____

The foregoing instrument was acknowledged before me this day of _____

_____

By _____

of _____ a _____

Corporation, on behalf of the Corporation. He/She is personally known to me or has produced Florida Driver's License as identification and who did (did not) take an oath.

Notary: _____

Print Name: _____

Commission Number: _____

My Commission Expires: _____

EXHIBIT A

BOND NO. _____

PAYMENT BOND

BY THIS BOND, We _____

(hereinafter called the ("Principal" and _____

(hereinafter called the ("Surety"), located at _____

_____

A surety insurer chartered and existing under the laws of the state of _____

and authorized to do Business in the State of Florida, are held and firmly bound unto Pinellas County

(hereinafter called the "County") in the sum of _____

_____

_____ DOLLARS \$_____

For payment of which we bond ourselves, our heirs, our personal representatives, our successors and our assignees, jointly and severally.

WHEREAS, Principal and County have reached a mutual agreement (hereinafter referred to as the "Agreement") for Bid Title: **New PIE Parking Garage – Professional Design-Build Services** (PID #**002877A**), Bid No: **25-0708-RFQ-DB** said Agreement being made a part of this Bond by this reference.

NOW, THEREFORE, THE CONDITION OF THIS BOND IS THAT IF THE PRINCIPAL:

1. Shall promptly make payments to all claimants as defined in section 255.05(l), Florida Statutes, Supplying the Principal with labor, materials or supplies, as used directly or indirectly by the Principal in the prosecution of the Work provided for in the Agreement and;
2. Shall pay the County for all losses, damages, expenses, costs and attorneys' fees, including appellate proceedings, that the County sustains because of a default by the Principal in contravention to the Agreement in regard to payment for such labor, materials, or supplies furnished to the Principal; then this bond is void; otherwise this Bond remains in full force and effect.

BE IT FURTHER KNOWN:

1. Any changes in or under the Agreement and compliance or noncompliance with any formalities Connected with the said Agreement or alterations, which may be made in the terms of said Agreement, or in the Work to be done under it, or the giving by the County of any extension of time for the performance of the said Agreement, or any other forbearance on the part of the County or Principal to the other, shall not in any way release the Principal and the Surety, or either of them, their heirs, personal representatives, successors or assigns from liability hereunder, notice to the Surety of any such changes, alterations, extensions or forbearance being hereby waived.
2. Certain claimants seeking the protection of this Bond must timely comply with the strict Requirements set forth in Section 255.05, Florida Statutes, and as otherwise provided by law.
3. The Provisions of this bond are subject to the limitation of Section 255.05(2). The Design Builder is the person or entity identified as such in the Agreement and is referred to throughout the Contract Documents as if singular in number. The Design Builder shall be lawfully licensed, if required in the jurisdiction where the Project is located. The Design Builder shall designate in writing a representative who shall have express authority to bind the Design Builder with respect to all matters under this Contract. The term "Design Builder" means the Design Builder or the Design Builder authorized representative.

EXHIBIT A

BOND NO. _____

By execution of this bond, the Surety acknowledges that it has read the Surety qualifications and obligations imposed by the construction Agreement and hereby satisfies those conditions.

THIS BOND DATE THE _____ DAY OF _____,20_____

(the date of issue by the Surety or by the Surety's agent and the date of such agent's power-or-attorney)

PRINCIPAL:

_____

_____

_____

(Authorized Signature)

_____

_____

(Print Name)

_____

_____

(Title)

_____

_____

_____

_____

(Business Address)

STATE OF FLORIDA

COUNTY OF _____

The foregoing instrument was acknowledged before me this day of _____

_____

By _____

of _____ a _____

Corporation, on behalf of the Corporation. He/She is personally known to me or has produced Florida Driver's License as identification and who did (did not) take an oath.

Notary: _____

Print Name: _____

Commission Number: _____

My Commission Expires: _____

EXHIBIT A

BOND NO. _____

SURETY:

_____

_____

(Print)

_____

_____

_____

_____

_____

_____

(Business Address)

_____

(Signature As Attorney In Fact)

(Attach Power of Attorney)

_____

(Print Name)

_____

(Title)

_____

_____

_____

(Business Address)

_____

(Telephone Number)

STATE OF FLORIDA

COUNTY OF _____

The foregoing instrument was acknowledged before me this day of _____

_____

By _____

of _____ a _____

Corporation, on behalf of the Corporation. He/She is personally known to me or has produced Florida Driver's License as identification and who did (did not) take an oath.

Notary: _____

Print Name: _____

Commission Number: _____

My Commission Expires: _____

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

INSURANCE:

1. **PHASE 1 INSURANCE REQUIREMENTS - DESIGN SERVICES**

The Design Builder must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed below, prior to recommendation for award. The Design Builder shall obtain and maintain, and require any subcontractor to obtain and maintain, at all times during its performance of the Agreement in Phase 1 insurance of the types and in the amounts set forth. For projects with a Completed Operations exposure, Design Builder shall maintain coverage and provide evidence of insurance for 2 years beyond final acceptance. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and have an AM Best rating of

A. VIII or better.

a) Submittals should include the Design Builder's current Certificate(s) of Insurance in accordance with the insurance requirements listed below. If Design Builder does not currently meet insurance requirements, Design Builder shall also include verification from their broker or agent that any required insurance not provided at that time of submittal will be in place prior to the award of contract.
Upon selection of the Design Builder for award, the selected Design Builder shall email certificate that is compliant with the insurance requirements. If the certificate received is compliant certificate no further action may be necessary. The Certificate(s) of Insurance shall be signed by authorized representatives of the insurance companies shown on the Certificate(s). **The Certificate holder section shall indicate Pinellas County, a Political Subdivision of the State of Florida, 400 S Fort Harrison Ave, Clearwater, FL 33756. Pinellas County, a Political Subdivision of the State of Florida shall be named as an Additional Insured for General Liability. A Waiver of Subrogation for Workers Compensation shall be provided if Workers Compensation coverage is a requirement.**
Approval by the County of any Certificate(s) of Insurance does not constitute verification by the County that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate(s) of Insurance is in compliance with the requirements of the Agreement. County reserves the right to require a certified copy of the entire insurance policy, including endorsement(s), at any time during the RFP and/or contract period.

b) If any insurance provided pursuant to the Agreement expires or cancels prior to the completion of the work you will be notified by CTrax. Upon notification, renewal certificate(s) of Insurance and endorsement(s) should be furnished to Pinellas County Risk Management at InsuranceCerts@pinellas.gov and to CTrax c/o JDI Data at PinellasSupport@jdidata.com by the Design Builder or their agent prior to the expiration date.

1) The Design Builder shall also notify the County within five 5) business days after receipt, of any notices of expiration, cancellation, nonrenewal or adverse material change in coverage received by said Design Builder from its insurer. Notice shall be given by email to Pinellas County Risk Management at InsuranceCerts@pinellas.gov. Nothing contained herein shall absolve Design Builder of this requirement to provide notice.

2) Should the Design Builder, at any time, not maintain the insurance coverages required herein, the County may terminate the Agreement.

c) If subcontracting is allowed under Phase 1 of RFP, the Prime Design Builder shall obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth; and require any subcontractors to obtain and maintain, at all times during its performance of the Agreement, insurance limits as it may apply to the portion of the Work performed by the subcontractor; but in no event will the insurance limits be less than $500,000 for Workers' Compensation/Employers' Liability, and $1,000,000 for General Liability and Auto Liability if required below.

All subcontracts between the Design Builder and its subcontractor shall be in writing and are subject to the County's prior written approval. Further, all subcontracts shall;

1) Require each subcontractor to be bound to the Design Builder to the same extent the Design Builder is bound to the County by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the subcontractor;

2) Provide for the assignment of the subcontracts from the Design Builder to the County at the election of Owner upon termination of the Contract;

3) Provide that County will be an additional indemnified party of the subcontract;

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

4) Provide that the County will be an additional insured on all insurance policies required to be provided by the subcontractor except workers compensation and professional liability;

5) Provide a waiver of subrogation in favor of the County and other insurance terms and/or conditions as outlined below;

6) Assign all warranties directly to the County;

7) Identify the County as an intended third-party beneficiary of the subcontract. The Design Builder shall make available to each proposed subcontractor, prior to the execution of the subcontract, copies of the Contract Documents to which the subcontractor will be bound by this Section C and identify to the subcontractor any terms and conditions of the proposed subcontract which may be at variance with the Contract Documents.

d) Each insurance policy and/or certificate shall include the following terms and/or conditions:

1) The Named Insured on the Certificate of Insurance and insurance policy must match the entity's name that responded to the solicitation and/or is signing the agreement with the County.

2) Companies issuing the insurance policy, or policies, shall have no recourse against County for payment of premiums or assessments for any deductibles which all are at the sole responsibility and risk of Design Builder.

3) The term "County" or "Pinellas County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and Constitutional offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County.

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

e) The minimum insurance requirements and limits for this Agreement, which shall remain in effect throughout its duration and for two (2) years beyond final acceptance for projects with a Completed Operations exposure, are as follows:

1) **Workers' Compensation Insurance** Worker's Compensation Insurance is required if required pursuant to Florida law. If, pursuant to Florida law, Worker's Compensation Insurance is required, employer's liability, also known as Worker's Compensation Part B, is also required in the amounts set forth herein.

Limits

Employers' Liability Limits	Florida Statutory
Per Employee	$ 500,000
Per Employee Disease	$ 500,000
Policy Limit Disease	$ 500,000

If Vendor/Contractor is not required by Florida law, to carry Workers Compensation Insurance in order to perform the requirements of this Agreement, County Waiver Form for workers compensation must be executed, submitted, and accepted by Risk Management. Failure to obtain required Worker's Compensation Insurance without submitting and receiving a waiver from Risk Management constitutes a material breach of this Agreement.

2) **Commercial General Liability Insurance** including, but not limited to, Independent Vendor, Contractual Liability Premises/Operations, Products/Completed Operations, and Personal Injury. No explosion, collapse, or underground damage exclusions allowed.

Limits

Combined Single Limit Per Occurrence	$ 1,000,000
Products/Completed Operations Aggregate	$ 2,000,000
Personal Injury and Advertising Injury	$ 1,000,000
General Aggregate	$ 2,000,000

3) **Pollution Legal/Environmental Legal Liability Insurance** for pollution losses arising from all services performed

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

to comply with this contract. Coverage shall apply to sudden and gradual pollution conditions including the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon land, the atmosphere or any watercourse or body of water, which results in Bodily Injury or Property Damage. If policy is written on a Claims Made form, a retroactive date is required, and coverage must be maintained for 3 years after completion of contract or "tail coverage must be purchased. Coverage should include and be for the at least the minimum limits listed below:

a. Bodily injury, sickness, disease, mental anguish or shock sustained by any person, including death; property damage including physical injury to or destruction of tangible property including the resulting loss of use thereof, cleanup costs, and the loss of use of tangible property that has not been physically injured or destroyed;

b. Defense including costs, charges and expenses incurred in the investigation, adjustment or defense of claims for such compensation damages.

c. Cost of Cleanup/Remediation.

Limits

Per Claim or Occurrence	$ 1,000,000
General Aggregate	$ 1,000,000

For acceptance of Pollution Legal/Environmental Legal Liability coverage included within another policy coverage required herein, a statement notifying the certificate holder must be included on the certificate of insurance.

4) **Professional Liability (Errors and Omissions) Insurance** with at least minimum limits as follows. If "claims made" coverage is provided, "tail coverage" extending three (3) years beyond completion and acceptance of the project with proof of "tail coverage" to be submitted with the invoice for final payment. In lieu of "tail coverage", Proposer may submit annually to the County, for a three (3) year period, a current certificate of insurance providing "claims made" insurance with prior acts coverage in force with a retroactive date no later than commencement date of this contract.

Limits

Each Occurrence or Claim	$ 10,000,000
General Aggregate	$ 10,000,000

For acceptance of Professional Liability coverage included within another policy required herein, a statement notifying the certificate holder must be included on the certificate of insurance.

5) **Property Insurance** Vendor will be responsible for all damage to its own property, equipment and/or materials.

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

2. PHASE 2 INSURANCE REQUIREMENTS - CONSTRUCTION SERVICES

The Design Builder must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed below, prior to recommendation for award. The Design Builder shall obtain and maintain, and require any subcontractor to obtain and maintain, at all times during its performance of the Agreement in Phase 2 insurance of the types and in the amounts set forth. For projects with a Completed Operations exposure, Design Builder shall maintain coverage and provide evidence of insurance for 2 years beyond final acceptance. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and have an AM Best rating of A- VIII or better.

a) Submittals should include, the Design Builder's current Certificate(s) of Insurance in accordance with the insurance requirements listed below. If Design Builder does not currently meet insurance requirements, Design Builder shall also include verification from their broker or agent that any required insurance not provided at that time of submittal will be in place prior to the award of contract.
Upon selection of the Design Builder for award, the selected Design Builder shall email certificate that is compliant with the insurance requirements. If the certificate received is compliant certificate no further action may be necessary. The Certificate(s) of Insurance shall be signed by authorized representatives of the insurance companies shown on the Certificate(s). **The Certificate holder section shall indicate Pinellas County, a Subdivision of the State of Florida, 400 S Fort Harrison Ave, Clearwater, FL 33756. Pinellas County shall be named as an Additional Insured for General Liability. A Waiver of Subrogation for Workers Compensation shall be provided if Workers Compensation coverage is a requirement.**

b) Approval by the County of any Certificate(s) of Insurance does not constitute verification by the County that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate(s) of Insurance is in compliance with the requirements of the Agreement. County reserves the right to require a certified copy of the entire insurance policy, including endorsement(s), at any time during the RFP and/or contract period.

c) If any insurance provided pursuant to the Agreement expires or cancels prior to the completion of the work you will be notified by CTrax.. Upon notification, renewal certificate(s) of Insurance and endorsement(s) should be furnished to Pinellas County Risk Management at InsuranceCerts@pinellascounty.org and to CTrax c/o JD Data at PinellasSupport@jdidata.com by the Design Builder or their agent prior to the expiration date.

    1) The Design Builder shall also notify the County within five 5) business days after receipt, of any notices of expiration, cancellation, nonrenewal or adverse material change in coverage received by said Design Builder from its insurer. Notice shall be given by email to Pinellas County Risk Management at InsuranceCerts@pinellascounty.org. Nothing contained herein shall absolve Design Builder of this requirement to provide notice.

    2) Should the Design Builder, at any time, not maintain the insurance coverages required herein, the County may terminate the Agreement.

d) If subcontracting is allowed under Phase 2 of RFP, the Prime Design Builder shall obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth; and require any subcontractors to obtain and maintain, at all times during its performance of the Agreement, insurance limits as it may apply to the portion of the Work performed by the subcontractor; but in no event will the insurance limits be less than $500,000 for Workers' Compensation/Employers' Liability, and $1,000,000 for General Liability and Auto Liability if required below.

    All subcontracts between the Design Builder and its subcontractor shall be in writing and are subject to the County's prior written approval. Further, all subcontracts shall;

    1) Require each subcontractor to be bound to the Design Builder to the same extent the Design Builder is bound to the County by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the subcontractor;

    2) Provide for the assignment of the subcontracts from the Design Builder to the County at the election of Owner upon termination of the Contract;

    3) Provide that County will be an additional indemnified party of the subcontract;

    4) Provide that the County will be an additional insured on all insurance policies required to be provided by the subcontractor except workers compensation and professional liability;

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

5) Provide a waiver of subrogation in favor of the County and other insurance terms and/or conditions as outlined below;

6) Assign all warranties directly to the County;

7) Identify the County as an intended third-party beneficiary of the subcontract. The Design Builder shall make available to each proposed subcontractor, prior to the execution of the subcontract, copies of the Contract Documents to which the subcontractor will be bound by this Section C and identify to the subcontractor any terms and conditions of the proposed subcontract which may be at variance with the Contract Documents.

e) Each insurance policy and/or certificate shall include the following terms and/or conditions:

1) The Named Insured on the Certificate of Insurance and insurance policy must match the entity's name that responded to the solicitation and/or is signing the agreement with the County.

2) Companies issuing the insurance policy, or policies, shall have no recourse against County for payment of premiums or assessments for any deductibles which all are at the sole responsibility and risk of Design Builder.

3) The term "County" or "Pinellas County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and Constitutional offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County.

f) The minimum insurance requirements and limits for this Agreement, which shall remain in effect throughout its duration and for two (2) years beyond final acceptance for projects with a Completed Operations exposure, are as follows:

1) Workers' Compensation Insurance Worker's Compensation Insurance is required if required pursuant to Florida law. If, pursuant to Florida law, Worker's Compensation Insurance is required, employer's liability, also known as Worker's Compensation Part B, is also required in the amounts set forth herein.

Limits	
Employers' Liability Limits	Florida Statutory
Per Employee	$ 500,000
Per Employee Disease	$ 500,000
Policy Limit Disease	$ 500,000

If Vendor/Contractor is not required by Florida law, to carry Workers Compensation Insurance in order to perform the requirements of this Agreement, County Waiver Form for workers compensation must be executed, submitted, and accepted by Risk Management. Failure to obtain required Worker's Compensation Insurance without submitting and receiving a waiver from Risk Management constitutes a material breach of this Agreement.

2) Commercial General Liability Insurance including, but not limited to, Independent Vendor, Contractual Liability Premises/Operations, Products/Completed Operations, and Personal Injury. No explosion, collapse, or underground damage exclusions allowed.

Limits	
Combined Single Limit Per Occurrence	$ 1,000,000
Products/Completed Operations Aggregate	$ 2,000,000
Personal Injury and Advertising Injury	$ 1,000,000
General Aggregate	$ 2,000,000

3) Business Automobile or Trucker's/Garage Liability Insurance covering owned, hired, and non- owned vehicles. If the Consultant does not own any vehicles, then evidence of Hired and Non-owned coverage is sufficient. Coverage shall be on an "occurrence" basis, such insurance to include coverage for loading and

unloading hazards, unless Consultant can show that this coverage exists under the Commercial General Liability policy.

Limit

Combined Single Limit Per Accident	$1,000,000

4) **Excess or Umbrella Liability Insurance** excess of the primary coverage required, in paragraphs (1), (2), and (3) above. No explosion, collapse, or underground damage exclusions allowed. No crane weight, jig or boom exclusions allowed

Limits

Each Occurrence	$ 8,000,000
General Aggregate	$ 8,000,000

5) **Pollution Legal/Environmental Legal Liability Insurance** for pollution losses arising from all services performed to comply with this contract. Coverage shall apply to sudden and gradual pollution conditions including the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon land, the atmosphere or any watercourse or body of water, which results in Bodily Injury or Property Damage. If policy is written on a Claims Made form, a retroactive date is required, and coverage must be maintained for 3 years after completion of contract or "tail coverage must be purchased. Coverage should include and be for the at least the minimum limits listed below:

a. Bodily injury, sickness, disease, mental anguish or shock sustained by any person, including death; property damage including physical injury to or destruction of tangible property including the resulting loss of use thereof, cleanup costs, and the loss of use of tangible property that has not been physically injured or destroyed;

b. Defense including costs, charges and expenses incurred in the investigation, adjustment or defense of claims for such compensation damages.

c. Cost of Cleanup/Remediation.

Limits

Per Claim or Occurrence	$ 1,000,000
General Aggregate	$ 1,000,000

For acceptance of Pollution Legal/Environmental Legal Liability coverage included within another policy coverage required herein, a statement notifying the certificate holder must be included on the certificate of insurance.

6) **Professional Liability (Errors and Omissions) Insurance** with at least minimum limits as follows. If "claims made" coverage is provided, "tail coverage" extending three (3) years beyond completion and acceptance of the project with proof of "tail coverage" to be submitted with the invoice for final payment. In lieu of "tail coverage", Proposer may submit annually to the County, for a three (3) year period, a current certificate of insurance providing "claims made" insurance with prior acts coverage in force with a retroactive date no later than commencement date of this contract.

Limits

Each Occurrence or Claim	$ 1,000,000
General Aggregate	$ 1,000,000

For acceptance of Professional Liability coverage included within another policy required herein, a statement

notifying the certificate holder must be included on the certificate of insurance.

7) **Property Insurance** Vendor will be responsible for all damage to its own property, equipment and/or materials.

EXHIBIT C - RELEASE AND AFFIDAVIT

STATE OF FLORIDA

COUNTY OF _____

Before me, the undersigned authority, personally appeared _____, who after being duly sworn, deposes and says:

1) In accordance with the Contract Documents and in consideration of $_____ paid, _____ ("Design Builder") releases and waives for itself and its subcontractors, materialmen, successors and assigns, all claims demands, damages, costs and expenses, whether in contract or in tort, against The County Commissioners of Pinellas County, Florida, a political subdivision of the State of Florida ("Owner") relating in any way to the performance of the Agreement between Design Builder and Owner, dated _____, 200__, for the period from _____ to _____.

2) This Release and Affidavit is given in connection with Design Builder [monthly/final] Application for Payment No._____.

Design Builder:

By:_____

Its:_____ President

Date:_____

_____

Witnesses

[Corporate Seal]

STATE OF FLORIDA

COUNTY OF _____

The foregoing instrument was acknowledged before me this ____ day of _____, 200__, by _____, as _____ of _____, a _____ corporation, on behalf of the corporation. He/She is personally known to me or has produced a _____(state) driver's license no. _____ as identification.

My Commission Expires: _____

Notary Public (Signature)

(AFFIX NOTARY SEAL)

(Printed Name)

_____

(Title or Rank)

_____

(Serial Number, if any)

EXHIBIT D - FORM OF CONTRACT APPLICATION FOR PAYMENT

FORM OF CONTRACT APPLICATION FOR PAYMENT (PHASE 1 ONLY)

FORM OF CONTRACT APPLICATION FOR PAYMENT IN PHASE 2 SHALL BE AIA STANDARD FORM G702

_____FORM OF CONTRACT APPLICATION FOR PAYMENT

_____ (County Project Manager) Contract No._____

_____ (County Department)

Pinellas County Board of County Commissioners (the OWNER) Project No. _____

Application Date _____

Payment Application No. _____

FROM: _____ (Design Builder's Representative) _____

(Design Builder's Name)

_____ (Design Builder's Address) _____

RE: _____ (Project Name)

Original Contract Time _____ Revised Contract Time _____

Original Contract Amount $_____

Total Net Changes $_____

Revised Contract Amount: $_____

Total Completed and Stored to Date $_____

Retainage @ 5% (Phase 2 only) $_____

Total Retained to date: (Phase 2 only) $_____

Total Earned Less Retainage (Phase 2 only) $_____

Less Previously Paid $_____

AMOUNT DUE THIS APPLICATION: $_____

Percent Work completed to Date: _____%

Percent Contract Time completed to Date _____%

Liquidated Damages to be Accrued $_____

EXHIBIT D - DESIGN BUILDER APPLICATION FOR PAYMENT

BOND NO._____

ATTACH SCHEDULE OF VALUES AND ACCOMPANYING DOCUMENTATION TO THIS APPLICATION

ACCOMPANYING DOCUMENTATION TO THIS APPLICATION

From (Contractor Name)

Pinellas County Department

Payment Application Number _____

Purchase Order Number _____

CHANGE ORDER SUMMARY			
Change Order #	Date Approved	Additions	Deductions
TOTAL			
NET CHANGE			

PAYMENT SUMMARY

Original Agreement Amount	$
Net Change by Change Order	$
Agreement Sum to Date	$
Total Completed to Date	$
Stored Materials to Install	$
TOTAL	$
Retainage _____ %	
Total Earned Less Retainage	$
Less Previous Payments	$
Current Payment Due	$

I certify that the payment requested is in accordance with the terms of the agreement dated _____ and that previous payments have been used to pay obligations for materials supplied and work performed in conjunction with this project. In accordance

with the contract documents and in consideration of _____ ____ paid. _____ ("Contractor") releases and waives for itself and its subcontractors, materialmen, successors, and assigns, all claims demands, damages, costs and expenses, whether in Contract or in tort, against the Board of County Commissioners of Pinellas County, Florida, Ex Officio the governing Board of the Pinellas County ("County") relating in any way to the performance of the agreement between contractors and owner, dated _____ for the period from _____ to

_____

Contractor Date

APPLICATION FOR PAYMENT APPROVED BY:

_____

Consultant or Design Professional/Engineer of Record

_____

Pinellas County _____ (Dept) Engineering Project Manager

_____

Pinellas County Public Works

_____

Director of _____ (Dept)

EXHIBIT D - DESIGN BUILDER APPLICATION FOR PAYMENT

DESIGN BUILDER'S CERTIFICATION: The undersigned DESIGN BUILDER certifies that: (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full all obligations of DESIGN BUILDER incurred in connection with Work covered by any and all prior Applications for Payment; (2) title to all materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all liens, claims, security interests and encumbrances (except such as covered by Bond acceptable to OWNER); (3) all amounts have been paid for work which previous payments were issued and received from the OWNER and that current payment is now due; and (4) DESIGN BUILDER has only included amounts in this Application for Payment properly due and owing and DESIGN BUILDER has not included within the above referenced amount any claims for unauthorized or changed Work that has not been properly approved by Owner in writing and in advance of such Work.

By DESIGN BUILDER: _____ (Design Builder's Name)

_____ Date_____

(Signature)

_____

(Type Name & Title)

(shall be signed by a duly authorized representative of DESIGN BUILDER)

SWORN TO (or affirmed) and subscribed before me this _____ day of , 20____, by _____ of FIRM NAME, a Florida corporation on behalf of the corporation. He is personally known to me or has produced _____ as identification.

_____

(Signature)

_____

(Printed Name)

NOTARY PUBLIC, STATE OF FLORIDA

_____

(Commission Expiration Date)

Payment to the DESIGN BUILDER for the above AMOUNT DUE THIS APPLICATION is approved:

By OWNER'S Project Manager: _____

(Signature)

Date: _____ _____

(Type Name and Title)

EXHIBIT E - CHANGE ORDER

EXHIBIT E - CHANGE ORDER

CHANGE ORDER NO._____ CONTRACT NO. _____

TO: _____

_____

_____

_____

DATE: _____

PROJECT NAME:_____

PROJECT NO.:_____

Under our AGREEMENT dated _____, 200___.

****

You hereby are authorized and directed to make the following change(s) in accordance with terms and conditions of the Agreement:

For the (Additive) (Deductive) Sum of: _____

($_____).

Original Agreement Amount	$_____
Sum of Previous Changes	$_____
This Change Order (Add) (Deduct)	$_____
Present Agreement Amount	$_____

The time for completion shall be (increased/decreased) by _____ calendar days due to this Change Order. Accordingly, the Contract Time is now _____ (_____) calendar days and the Substantial Completion date is _____. Your acceptance of this Change Order shall constitute a modification to our Agreement and will be performed subject to all the same terms and conditions as contained in our Agreement indicated above, as fully as if the same were repeated in this acceptance. The adjustment, if any, to the Agreement shall constitute a full and final settlement of any and all claims arising out of or related to the change set forth herein, including claims for impact and delay costs.

Accepted: _____

EXHIBIT F - CONSTRUCTION MANAGER AT RISK STAFFING SCHEDULE

EXHIBIT F - DESIGN BUILDER CERTIFICATE OF SUBSTANTIAL COMPLETION

[AIA G704 Standard Certificate of Substantial Completion]

EXHIBIT G - FINAL PAYMENT CHECKLIST

RFQ No.: **25-0708-RFQ-DB** Project No.: _____ Date: _____, 20_____

Design Builder: _____

The following items have been secured by the _____

for the Project known as _____

and have been reviewed and found to comply with the requirements of the Contract Documents.

Original Contract Amount: _____Final Contract Amount: _____

Commencement Date: _____

Substantial Completion Time as set forth in the Agreement: _____ Calendar Days.

Actual Date of Substantial Completion: _____.

Final Completion Time as set forth in the Agreement: _____Calendar Days.

Actual Final Completion Date: _____.

YES	NO	
_____	_____	1. All Punch List items completed on _____
_____	_____	2. Warranties and Guarantees assigned to Owner (attach to this form).
		3. Effective date of General one year warranty from Design Builder is:
_____	_____	_____
_____	_____	4. 2 copies of Operation and Maintenance manuals for equipment and system submitted (list manuals in attachment to this form).
_____	_____	5. As-Built drawings obtained and dated: _____
_____	_____	6. Owner personnel trained on system and equipment operation.
_____	_____	7. Certificate of Occupancy No.: _____ issued on _____ (attach to this form).
_____	_____	8. Certificate of Substantial Completion issued on _____
_____	_____	9. Final Payment Application and Affidavits received from Design Builder on: _____
_____	_____	10. Consent of Surety received on _____
_____	_____	11. Operating Department personnel notified Project is in operating phase.
_____	_____	12. All Spare Parts or Special Tools provided to Owner: _____ _____
_____	_____	13. Finished Floor Elevation Certificate provided to Owner: _____ _____
_____	_____	14. Other: _____ _____

If any of the above is not applicable, indicate by N/A. If NO is checked for any of the above, attach explanation.

Acknowledgments:

By Design Builder: _____ (Company Name)

_____ (Signature)

_____ (Typed Name & Title)

By Owner: _____ (Department Name)

_____ (Signature)

_____ (Name & Title)

EXHIBIT H - GENERAL TERMS AND CONDITIONS

1. INTENT OF CONTRACT DOCUMENTS

    1. It is the intent of the Contract Documents to describe a functionally complete Project (or portion thereof) to be designed and constructed by Design Builder in accordance with the Contract Documents. Any work, services, materials or equipment that may reasonably be inferred from the Contract Documents as being required to produce the intended result shall be supplied whether or not specifically called for in the Contract Documents. When words which have a well-known technical or trade meaning are used to describe work, materials or equipment, such words shall be interpreted in accordance with that meaning. Reference to standard specifications, manuals or codes of any technical society, organization or association or to the laws or regulations of any governmental authority having jurisdiction over the Project, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code, law or regulation in effect at the time the Work is performed, except as may be otherwise specifically stated herein.

    2. If before or during the performance of the Work Design Builder discovers a conflict, error or discrepancy in the Contract Documents, Design Builder immediately shall report same to the Project Manager in writing and before proceeding with the Work affected thereby shall obtain a written interpretation or clarification from the Project Manager; said interpretation or clarification from the Project Manager may require Design Builder to consult directly with another professional, if any, involved with the Project as directed by Owner. Design Builder shall take field measurements and verify field conditions and shall carefully compare such field measurements and conditions and other information known to Design Builder with the Contract Documents before commencing any portion of the Work.

    3. Construction Documents approved by Owner are intended to show general arrangements, design and extent of Work and are not intended to serve as shop drawings. Specifications are separated into divisions for convenience of reference only and shall not be interpreted as establishing divisions for the Work, trades, subcontracts, or extent of any part of the Work. In the event of a discrepancy between or among the drawings, specifications or other Contract Document provisions, Design Builder shall be required to comply with the provisions identified in Section 16 of the Agreement, “Order of Precedence”. Unless otherwise specifically mentioned, all anchors, bolts, screws, fittings, fillers, hardware, accessories, trim and other parts required in connection with any portion of the Work to make a complete, serviceable, finished and first quality installation shall be furnished and installed as part of the Work, whether or not called for by the Contract Documents.

2. INVESTIGATION AND UTILITIES

    1. Subject to Section 2.3 below, Design Builder shall have the sole responsibility of satisfying itself concerning the nature and location of the Work and the general and local conditions, and particularly, but without limitation, with respect to the following: those affecting transportation, access, disposal, handling and storage of materials; availability and quality of labor; water and electric power; availability and condition of roads; work area; living facilities; climatic conditions and seasons; physical conditions at the work site and the project area as a whole; topography and ground surface conditions; nature and quantity of the surface materials to be encountered; subsurface conditions; equipment and facilities needed preliminary to and during performance of the Work; and all other costs associated with such performance. The failure of Design Builder to acquaint itself with any applicable conditions shall not relieve Design Builder from any of its responsibilities to perform under the Contract Documents, nor shall it be considered the basis for any claim for additional time or compensation.

    2. Design Builder shall locate all existing roadways, railways, drainage facilities and utility services above, upon, or under the Project site, said roadways, railways, drainage facilities and utilities being referred to in this Sub Section 2.2 as the "Utilities". Design Builder shall contact the owners of all Utilities to determine the necessity for relocating or temporarily interrupting any Utilities during the construction of the Project. Design Builder shall schedule and coordinate its Work around any such relocation or temporary service interruption. Design Builder shall be responsible for properly shoring, supporting and protecting all Utilities at all times during the course of the Work. The Design Builder is responsible for coordinating all other utility work so as to not interfere with the prosecution of the Work (except those utilities to be coordinated by the Owner as may be expressly described elsewhere in the Contract Documents).

    3. Notwithstanding anything in the Contract Documents to the contrary, Design Builder assumes all risks with respect to the conditions which are encountered at the Project site, including all (i) subsurface or otherwise concealed physical conditions whether or not they differ materially from those indicated in the Contract

Documents and (ii) unknown physical conditions of any nature, whether or not they differ materially from those ordinarily found to exist and generally recognized as inherent in construction activities of the character provided for in the Contract Documents. Design Builder will not be entitled to any adjustment to the Lump Sum Price or the Contract Time as a result of any site conditions encountered, except for hazardous materials as set forth in Section 9.4 below. It is the specific intention of the Parties that Design Builder will propose and perform as part of its Phase 1 Services any necessary investigation and testing that Design Builder deems necessary to assume such risk.

3. SCHEDULE

1. The Design Builder, within ten (10) calendar days after receipt of the Notice of Award, shall prepare and submit to Project Manager, for his or her review and approval, a progress schedule for the Project. Said schedule shall include but not be limited to an overall progress schedule for all portions of the design and construction of the Project ("Master Project Schedule"). The Master Project Schedule shall (i) relate to all Work required by the Contract Documents, (ii) utilize the Critical Path method of scheduling, (iii) shall provide for expeditious and practicable execution of the Work within the Contract Time, and (iv) be in such form and level of detail as may be required by Owner. The Master Project Schedule shall indicate the dates for starting and completing the various stages of the Work, including the Phase 1 Services to be provided by Design Builder.
2. The Master Project Schedule shall be updated monthly by the Design Builder or as specified in the Supplemental Terms and Conditions (if any) attached to the Agreement as Exhibit I. All monthly updates to the Master Project Schedule shall be subject to the Project Manager's review and approval. Design Builder shall submit the updates to the Master Project Schedule with its monthly Applications for Payment noted below. The Project Manager's review and approval of the submitted monthly Master Project Schedule updates shall be a condition precedent to the Owner's obligation to pay Design Builder.
3. All Work under this Agreement shall be performed in accordance with the requirements of all Pinellas County Noise Ordinances then in effect. Unless otherwise specified, Work at the Project site will generally be limited to the hours of 7:00 a.m. to 5:00 p.m., Monday through Friday. No Work at the Project site shall be performed outside the specified hours without the prior approval of the Project Manager.

4. PROGRESS PAYMENTS

1. Design Builder's Applications for Payment shall be in the form attached to the Agreement as Exhibit D. Design Builder shall not submit more than one Application for Payment each month.
2. At the time it submits its Lump Sum Price proposal to Owner, Design Builder also shall submit to Owner, for its review, a Schedule of Values based upon the Lump Sum Price proposal; all in C.S.I. format, listing the major elements of the Work and the dollar value for each element. That Schedule of Values, as further revised to reflect the final negotiated Lump Sum Price and as approved by Owner and shall be used as the basis for Design Builder's monthly Applications for Payment thereafter. The revised Schedule of Values shall be updated for the current month Change Orders and Construction Change Directives and submitted each month to Owner by Design Builder along with a completed and notarized copy of the Application for Payment form attached to the Agreement as Exhibit D.
3. When Design Builder submits its Lump Sum Price proposal to Owner, Design Builder shall provide to the Project Manager a list of its Subcontractors and materialmen showing the work and materials involved and the dollar amount of each subcontract and purchase order. Design Builder acknowledges and agrees that any modifications to the list of Subcontractors and any subsequently identified Subcontractors are subject to Owner's prior written approval. The first Application for Payment shall be submitted no earlier than thirty (30) days after the Commencement Date. Notwithstanding anything herein to the contrary, if approved by Owner in its sole discretion, Design Builder may submit its invoice for any required Payment and Performance Bonds prior to the first Application of Payment provided that Design Builder has furnished Owner certified copies of the receipts evidencing the premium paid by Design Builder for the bonds.
4. Unless expressly approved by Owner in advance and in writing, said approval at Owner's sole discretion, Owner is not required to make any payment for materials or equipment that have not been incorporated into the Project. If payment is requested on the basis of materials and equipment not incorporated into the Project, but delivered and suitably stored at the site or at another location, and such payment and storage have been agreed to by Owner in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice or other documentation warranting that the Owner has received the materials and equipment free and clear of all liens, charges, security interests and encumbrances, together with evidence that the materials and equipment are covered by appropriate property insurance and other arrangements to protect Owner's interest therein, all of

which shall be subject to the Owner's satisfaction. Thereafter, with each subsequent Application for Payment, Design Builder also shall complete and submit to Owner as part of its Application for Payment, the Stored Materials Record attached hereto and made a part hereof as Exhibit T.

5. Design Builder shall submit a draft copy of its monthly Application for Payment to the Project Manager or his or her designee, as directed by Owner. After the Project Manager has reviewed and approved or corrected the draft, the Design Builder shall forward an electronic copy of the final version to Pinellas County's Finance Department (e-mail address to be confirmed upon execution of this Agreement). Payments of proper invoices in the amounts approved shall be processed in accordance with Section 218.735, Florida Statutes "Local Government Prompt Payment Act" and the administrative procedures established by the County's Purchasing Department and the Clerk of Court's Finance Department respectively. In the event of a total denial by Owner and return of the Application for Payment by the Project Manager, the Design Builder may make the necessary corrections and re-submit the Application for Payment. The Owner shall, within ten (10) business days after the Application for Payment is stamped and received and after Project Manager approval of an Application for Payment, pay the Design Builder the amounts so approved.
6. During Phase 2 only, Owner shall retain five percent (5%) of the gross amount of each monthly payment request or five percent (5%) of the portion thereof approved by the Project Manager for payment, whichever is less. Such sum shall be accumulated and not released to Design Builder until final payment is due unless otherwise agreed to by the Owner.
7. Monthly payments to Design Builder shall in no way imply approval or acceptance of Design Builder's Work.
8. Each Application for Payment shall be accompanied by a Release and Affidavit, in the form attached as Exhibit C, acknowledging Design Builder's receipt of payment in full for all materials, labor, services, equipment and other bills that are then due and payable by Owner with respect to the current Application for Payment. Further, to the extent directed by Owner and in Owner's sole discretion, Design Builder shall also submit a Release and Affidavit in the form attached as Exhibit C acknowledging that each Subconsultant, Subcontractor, sub-subcontractor or supplier has been paid in full through the previous month's Application for Payment (for which the Design Builder has actually been paid). The Owner shall not be required to make payment until and unless these affidavits are furnished by Design Builder. Further, if Design Builder is withholding any portion of a payment to any subcontractor, supplier or subconsultant for any labor, services, equipment or materials for which Owner has paid Design Builder, Design Builder agrees to refund such money to Owner upon demand by Owner.
9. Notwithstanding anything in the Contract Documents to the contrary, Design Builder acknowledges and agrees that in the event of a dispute concerning payments for Work performed under this Agreement, Design Builder shall continue to perform the Work required of it under this Agreement pending resolution of the dispute provided that Owner continues to pay Design Builder all amounts that Owner does not dispute are due and payable.

5. PAYMENTS WITHHELD

1. The Project Manager may decline to approve any Application for Payment, or portions thereof, because of subsequently discovered evidence or subsequent inspections that reveal non-compliance with the Contract Documents. The Project Manager may nullify the whole or any part of any approval for payment previously issued and Owner may withhold any payments otherwise due Design Builder under this Agreement or any other agreement between Owner and Design Builder, to such extent as may be necessary in the Owner's opinion to protect it from loss because of: (a) defective Work not remedied; (b) third party claims filed or reasonable evidence indicating probable filing of such claims; (c) failure of Design Builder to make payment properly to subcontractors or for labor, materials or equipment; (d) reasonable doubt that the Work can be completed for the unpaid balance of the Contract Amount; (e) reasonable indication that the Work will not be completed within the Contract Time; (f) unsatisfactory prosecution of the Work by the Design Builder; or (g) any other material breach of the Contract Documents by Design Builder.
2. If any conditions described in 5.1. are not remedied or removed, Owner may, after three (3) days written notice, rectify the same at Design Builder's expense. Provided, however, in the event of an emergency, Owner shall not be required to provide Design Builder any written notice prior to rectifying the situation at Design Builder's expense. Owner also may offset against any sums due Design Builder the amount of any liquidated or non-liquidated obligations of Design Builder to Owner, whether relating to or arising out of this Agreement or any other agreement between Design Builder and Owner.

6. FINAL PAYMENT

1. Owner shall make final payment to Design Builder in accordance with Florida Statutes Section 218.735 and the administrative procedures established by the County's Purchasing Department and the Clerk of Court's Finance Department after the Work is finally inspected and accepted by Project Manager as set forth in Section 20.1 herein, provided that Design Builder first, and as an explicit condition precedent to the accrual of Design Builder's right to final payment, shall have furnished Owner with a properly executed and notarized copy of the Release and Affidavit attached as Exhibit C, as well as, a duly executed copy of the Surety's consent to final payment and such other documentation that may be required by the Contract Documents and the Owner. Prior to release of final payment and final retainage, the Design Builder's Representative and the Project Manager shall jointly complete the Final Payment Checklist, a representative copy of which is attached to this Agreement as Exhibit G.

2. Design Builder's acceptance of final payment shall constitute a full waiver of any and all claims by Design Builder against Owner arising out of this Agreement or otherwise relating to the Project, except those previously made in writing in accordance with the requirements of the Contract Documents and identified by Design Builder as unsettled in its final Application for Payment. Neither the acceptance of the Work nor payment by Owner shall be deemed to be a waiver of Owner's right to enforce any obligations of Design Builder hereunder or to the recovery of damages for defective Work not discovered by the Project Manager at the time of final inspection.

7. SUBMITTALS AND SUBSTITUTIONS

1. Design Builder shall carefully examine the Contract Documents for all requirements for approval of materials to be submitted such as shop drawings, data, test results, schedules and samples. It is Design Builder's obligation to confirm, and Design Builder will be deemed to have certified to Owner that all submittals reviewed and approved by it fully comply with all requirements of the Contract Documents. During Phase 1, Design Builder shall prepare and submit to Owner, for Owner's approval, procedures for Design Builder's handling and processing of submittals. Owner shall identify, in its sole discretion, which submittals must be submitted to Owner for its approval. Further, Design Builder shall submit all such materials at its own expense and in such form as required by the Contract Documents in sufficient time to prevent any delay in the delivery of such materials and the installation thereof. To the extent that a submittal requires Owner's approval as set forth above, Design Builder shall also carefully review and certify to Owner the accuracy and completeness of such shop drawings and other submittals and then forward the same to Owner for its review and approval. In such case, Owner will transmit them back to Design Builder who will then issue the submittals to the affected subcontractor for fabrication or revision. Design Builder shall maintain a suspense control system to promote the expeditious handling of shop drawings and all other submittals. At Owner's request, copies of submittals and/or Design Builder's responses will be provided to Owner. At the completion of the project, the Design Builder will provide the Owner with a complete set of approved submittals in scanned format on CDs.

2. Whenever materials or equipment are specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular supplier, the naming of the item is intended to establish the type, function and quality required. Unless the name is followed by words indicating that no substitution is permitted, materials or equipment of other suppliers may be accepted by Owner if sufficient information is submitted by Design Builder to allow the Owner to determine that the material or equipment proposed is equivalent or equal to that named. Requests for review of substitute items of material and equipment will not be accepted by Owner from anyone other than Design Builder and all such requests, to the extent possible, must be submitted by Design Builder to Project Manager prior to the execution of Phase 2, unless otherwise mutually agreed in writing by Owner and Design Builder.

3. If Design Builder wishes to furnish or use a substitute item of material or equipment, Design Builder shall make application to the Project Manager for acceptance thereof, certifying that the proposed substitute shall adequately perform the functions and achieve the results called for by the general design, be similar and of equal substance to that specified and be suited to the same use as that specified. The application shall state that the evaluation and acceptance of the proposed substitute will not prejudice Design Builder's achievement of substantial completion on time, whether or not acceptance of the substitute for use in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for the Project) to adapt the design to the proposed substitute and whether or not incorporation or use by the substitute in connection with the Work is subject to payment of any license fee or royalty. All variations of the proposed substitute from that specified will be identified in the application and available maintenance, repair and replacement service shall be indicated. The application also shall contain an itemized estimate of all costs that will result directly or indirectly from acceptance of such substitute, including costs for redesign and claims of other contractors affected by the resulting change, all of which shall be considered by the Project Manager in evaluating the proposed substitute. The Project Manager may require Design Builder to furnish at Design Builder's expense additional data about the proposed substitute.

4. If a specific means, method, technique, sequence or procedure of construction is indicated in or required by the Contract Documents, Design Builder may furnish or utilize a substitute means, method, sequence, technique or procedure of construction acceptable to the Project Manager, if Design Builder submits sufficient information to allow the Project Manager to determine that the substitute proposed is equivalent to that indicated or required by the Contract Documents. The procedures for submission to and review by the Project Manager shall be the same as those provided herein for substitute materials and equipment.

5. The Project Manager shall be allowed a reasonable time within which to evaluate each proposed substitute. Owner shall be the sole judge of the acceptability of any substitute. No substitute will be ordered, installed or utilized without the Project Manager's prior written acceptance which shall be evidenced by either a Change Order, a Work Directive Change, a Field Order or an approved Shop Drawing. The Owner may require Design Builder to furnish at Design Builder's expense a special performance guarantee or other surety with respect to any substitute. The Project Manager will record time required by the Project Manager and the Project Manager's consultants in evaluating substitutions proposed by Design Builder and making changes in the Contract Documents occasioned thereby. Whether or not the Owner accepts a proposed substitute, Design Builder shall reimburse Owner costs of evaluating each proposed substitute.

6. Notwithstanding anything in the Contract Documents to the contrary, Design Builder expressly acknowledges and agrees that Owner's review or approval of any design documents submitted by Design Builder, including but not limited to any submittals as described herein, shall not relieve Design Builder of its responsibilities or liabilities for design hereunder. Notwithstanding anything in the Contract Documents to the contrary, Design Builder further expressly acknowledges and agrees that any such review or approval shall not be deemed as Owner's approval of any deviations to such design documents unless such deviation is expressly brought to Owner's attention by Design Builder in writing and Owner expressly approves such deviation in writing.

8. DAILY REPORTS, AS BUILTS AND MEETINGS

1. Design Builder shall prepare and maintain a daily log of the work on the job site. The daily log records shall be kept current and available for Owner's review. The daily log shall document activities at the Project site including, but not limited to, the following:

   A. Weather conditions showing the high and low temperatures during work hours, the amount of precipitation received on the Project site, and any other weather conditions which adversely affect the Work;

   B. Soil conditions which adversely affect the Work;

   C. The hours of operation by Design Builder's and its subcontractors' and subconsultants' personnel;

   D. The number of Design Builder's and Subconsultant's and Subcontractor's personnel present and working at the Project site, by subcontract and trade;

   E. All equipment present at the Project site, description of equipment use and designation of time equipment was used (specifically indicating any down time);

   F. Description of Work being performed at the Project site;

   G. Any unusual or special occurrences at the Project site;

   H. Materials received at the Project site;

   I. A list of all visitors to the Project

   J. Any problems that might impact either the cost or quality of the Work or the time of performance.

   The daily log shall not constitute nor take the place of any notice required to be given by Design Builder to Owner pursuant to the Contract Documents.

2. Design Builder shall maintain in a safe place at the Project site one record copy of the Contract Documents, including, but not limited to, all drawings, specifications, addenda, amendments, Change Orders, Work Directive Changes and Field Orders, as well as all written interpretations and clarifications issued by the Owner, in good order and annotated to show all changes made during construction. The annotated drawings shall be continuously updated by the Design Builder throughout the prosecution of the Work to accurately reflect all field changes that are made to adapt the Work to field conditions, changes resulting from Change Orders, Work Directive Changes and Field Orders, and all concealed and buried installations of piping, conduit and utility services. All buried and concealed items, both inside and outside the Project site, shall be accurately located on

the annotated drawings as to depth and in relationship to not less than two (2) permanent features (e.g. interior or exterior wall faces). The annotated drawings shall be clean, and all changes, corrections and dimensions shall be given in a neat and legible manner in a contrasting color. The "As Built" record documents, together with all approved samples and a counterpart of all approved shop drawings shall be available to the Project Manager for reference. Upon completion of the Work and as a condition precedent to Design Builder's entitlement to final payment, these "As Built" record documents, samples and shop drawings (along with electronic copies on CDs) shall be delivered to Project Manager by Design Builder for Owner.

3. Design Builder shall keep all records and supporting documentation which concern or relate to the Work hereunder for a minimum of five (5) years from the date of termination of this Agreement or the date the Project is completed or such longer period as may be required by law, whichever is later. Owner, or any duly authorized agents or representatives of Owner, shall have the right to audit, inspect and copy all such records and documentation as often as they deem necessary during the period of this Agreement and during the document retention period noted above; provided, however, such activity shall be conducted only during normal business hours.

4. Design Builder shall advise Owner, Project Manager and their representatives of their requested or required participation in any meeting or inspection giving each at least one-week written notice unless such notice is made impossible by conditions beyond Design Builder’s fault and control, in which case at least 48 hours prior written notice must be given.

9. CONTRACT TIME AND TIME EXTENSIONS

1. Design Builder shall diligently pursue the completion of the Work and coordinate the Work being done on the Project by its subconsultants, subcontractors and material-men, as well as coordinating its Work with all work of others at the Project Site, so that its Work or the work of others shall not be delayed or impaired by any act or omission by Design Builder or anyone for whom Design Builder is liable. Design Builder shall be solely responsible for all construction means, methods, techniques, sequences, and procedures, as well as coordination of all portions of the Work under the Contract Documents, and the coordination of Owner's suppliers and contractors as set forth in Paragraph 12.2. herein.

2. Should Design Builder be obstructed or delayed in the prosecution of or completion of the Work as a result of unforeseeable causes beyond the control of Design Builder, and not due to its fault or neglect, including but not restricted to acts of Nature or of the public enemy, acts of government, fires, floods, epidemics, quarantine regulation, strikes or lockouts, Design Builder shall notify the Owner in writing within forty eight (48) hours after the commencement of such delay, stating the cause or causes thereof, or be deemed to have waived any right which Design Builder may have had to request a time extension.

3. No interruption, interference, inefficiency, suspension or delay in the commencement or progress of the Work from any cause whatever, including those for which Owner may be responsible, in whole or in part, shall relieve Design Builder of its duty to perform or give rise to any right to damages or additional compensation from Owner. Design Builder expressly acknowledges and agrees that it shall receive no damages for delay. Design Builder's sole remedy, if any, against Owner will be the right to seek an extension to the Contract Time; provided, however, the granting of any such time extension shall not be a condition precedent to the aforementioned "No Damage For Delay" provision. This paragraph shall expressly apply to claims for early completion, as well as to claims based on late completion.

4. Notwithstanding anything contained within Section 2.3 to the contrary, if Design Builder encounters on the Project site any materials reasonably believed by Design Builder to be petroleum or petroleum related products or other hazardous or toxic substances which have not been rendered harmless, Design Builder immediately shall (i) stop Work in the area affected and (ii) report the condition to Owner in writing. If the Work is so stopped and hazardous material is found, the Work in the affected area shall not thereafter be resumed except by Change Order. Any such Change Order shall include, but not be limited to, an adjustment to the Lump Sum Price and Contract Time as appropriate. If no hazardous material is found after the Work is stopped, no Change Order is required to resume the Work in the affected area. Notwithstanding the foregoing sentences in this Section 9.4, if the hazardous material encountered was generated or caused by Design Builder or any of its employees, agents, subconsultants, subcontractors, or material suppliers, no adjustment to the Contract Time or Lump Sum Price shall be made and Design Builder shall indemnify Owner and hold Owner harmless for any costs incurred by Owner with respect to such hazardous material. Design Builder will coordinate and cooperate with any person or entity who is hired to perform any hazardous material mitigation services.

5. In no event shall any approval by Owner authorizing Design Builder to continue performing Work under this Agreement or any payment issued by Owner to Design Builder be deemed a waiver of any right or claim Owner may have against Design Builder for delay damages hereunder.

10. CHANGES IN THE WORK

1. Owner shall have the right at any time during the progress of the Work to increase or decrease the Work. Promptly, but in no event more than 10 days after being notified of a change, Design Builder shall submit an itemized estimate of any cost or time increases or savings it foresees as a result of the change. Except in an emergency endangering life or property, or as expressly set forth herein, no addition or changes to the Work shall be made except upon written order of Owner, and Owner shall not be liable to the Design Builder for any increased compensation without such written order. No officer, employee or agent of Owner is authorized to direct any extra or changed work orally. Any alleged changes must be approved by Owner in writing prior to starting such items. Owner will not be responsible for the costs of any changes commenced without Owner's express prior written approval. Failure to obtain such prior written approval for any changes will be deemed: (i) a waiver of any claim by Design Builder for such items and (ii) an admission by Design Builder that such items are in fact not a change but rather are part of the Work required of Design Builder hereunder.
2. A Change Order, in the form attached as Exhibit E to this Agreement, shall be issued and executed promptly after an agreement is reached between Design Builder and Owner concerning the requested changes. Design Builder shall promptly perform changes authorized by duly executed Change Orders. The Contract Amount and Contract Time shall be adjusted in the Change Order in the manner as Owner and Design Builder shall mutually agree.
3. If Owner and Design Builder are unable to agree on a Change Order for the requested change, Design Builder shall, nevertheless, promptly perform the change as directed by Owner in a written Work Directive Change. In that event, the Contract Amount and Contract Time shall be adjusted as directed by Owner. If Design Builder disagrees with the Owner's adjustment determination, Design Builder must make a claim pursuant to Section 11 of these General Conditions or else be deemed to have waived any claim on this matter it might otherwise have had.
4. In the event a requested change is approved by Owner which results in an increase to the Lump Sum Price, a Change Order shall be issued which increases the Lump Sum Price by the amount of Design Builder's actual and reasonable direct increased Cost for such change work plus a maximum ten percent (10%) markup for Design Builder's overhead and profit. In the event such change work is performed by a subconsultant or subcontractor, a maximum ten percent (10%) total markup for all overhead and profit for all subconsultants', subcontractors', sub-subconsultants' and sub-subcontractors' direct labor and material costs and actual equipment costs shall be permitted. Design Builder shall not be entitled to any mark-up for Change Order work performed by subcontractors or subconsultants. All compensation due any Sub-consultant or Subcontractor for field and home office overhead is included in the markups noted above. Subcontractor's bond costs associated with any change order shall be included in the overhead and profit markups and shall not be paid as a separate line item.
5. Owner shall have the right to conduct an audit of Design Builder's books and records, as well as those of its subconsultants, subcontractors and suppliers to verify the accuracy of the Design Builder's claim with respect to Design Builder's costs associated with any Change Order or Work Directive Change.
6. The Project Manager shall have authority to order minor changes in the Work not involving an adjustment to the Contract Amount or an extension to the Contract Time and not inconsistent with the intent of the Contract Documents. Such changes may be affected by Field Order or by other written order. Such changes shall be binding on the Design Builder.
7. No action, conduct, omission or course of conduct by Owner shall act to waive, alter, or change the requirement that Amendments, Change Orders, and Work Directive Changes must be in writing and signed by Owner. Such written and signed Amendments, Change Orders and Work Directive Changes are the sole and exclusive way to change either the amount of compensation to be paid to Design Builder or the time within which Design Builder is to perform its obligations hereunder. No changes will be allowed based upon actual, constructive, or oral notice or lack of prejudice to Owner.

11. CLAIMS AND DISPUTES

1. Claim is a demand or assertion by one of the parties seeking an adjustment or interpretation of the terms of the Contract Documents, payment of money, extension of time or other relief with respect to the terms of the Contract Documents. The term "Claim" also includes other disputes and matters in question between Owner and Design

Builder arising out of or relating to the Contract Documents. The responsibility to substantiate a Claim shall rest with the party making the Claim.

2. Claims by the Design Builder shall be made in writing to the Project Manager within forty-eight (48) hours from when the Design Builder knew or should have known of the event giving rise to such Claim or else the Design Builder shall be deemed to have waived the Claim. Written supporting data shall be submitted to the Project Manager within fifteen (15) calendar days after the occurrence of the event, unless the Owner grants additional time in writing, or else the Design Builder shall be deemed to have waived the Claim. Claims not settled by the aforesaid procedure, shall be resolved according to the Dispute Resolution Procedure copies of which are available in the County Attorney's Office or Purchasing Department. All Claims shall be priced in accordance with the provisions of Subsection 10.4.
3. The Design Builder shall proceed diligently with its performance as directed by the Owner, regardless of any pending Claim, action, suit or administrative proceeding, unless otherwise agreed to by the Owner in writing. Owner shall continue to make payments in accordance with the Contract Documents during the pendency of any Claim.

12. OTHER WORK

1. Owner may perform other work related to the Project at the site by Owner's own forces, have other work performed by utility owners or let other direct contracts. If the fact that such other work is to be performed is not noted in the Contract Documents, written notice thereof will be given to Design Builder prior to starting any such other work. If Design Builder believes that such performance will involve additional expense to Design Builder or require additional time, Design Builder shall send written notice of that fact to Owner within forty-eight (48) hours of being notified of the other work. If the Design Builder fails to send the above required forty-eight (48) hour notice, the Design Builder will be deemed to have waived any rights it otherwise may have had to seek an extension to the Contract Time or adjustment to the Contract Amount.
2. Design Builder shall afford each utility owner and other Design Builder who is a party to such a direct contract (or Owner, if Owner is performing the additional work with Owner's employees) proper and safe access to the site and a reasonable opportunity for the introduction and storage of materials and equipment and the execution of such work and shall properly connect and coordinate its Work with theirs. Design Builder shall do all cutting, fitting and patching of the Work that may be required to make its several parts come together properly and integrate with such other work. Design Builder shall not endanger any work of others by cutting, excavating or otherwise altering their work and will only cut or alter their work with the written consent of the Project Manager and the others whose work will be affected. The duties and responsibilities of Design Builder under this paragraph are for the benefit of such utility owners and other Contractors to the extent that there are comparable provisions for the benefit of Design Builder in said direct contracts between Owner and such utility owners and other contractors.
3. If any part of Design Builder's Work depends for proper execution or results upon the work of any other contractor of Owner or utility owner (or Owner), Design Builder shall inspect and promptly report to Project Manager in writing any delays, defects or deficiencies in such work that render it unavailable or unsuitable for such proper execution and results. Design Builder's failure to report will constitute an acceptance of the other work as fit and proper for integration with Design Builder's Work.

13. INDEMNIFICATION AND INSURANCE

1. The Contractor must maintain insurance in at least the amounts required in the Request for Qualifications throughout the term of this contract. The contractor must provide a Certificate of Insurance in accordance with Insurance Requirements of Exhibit B to the agreement, evidencing such coverage prior to issuance of purchase order or commencement of any work under this contract.
2. To the maximum extent permitted by Florida law, Design Builder shall indemnify and hold harmless Owner and its officers and employees from any and all liabilities, claims, damages, penalties, demands, judgments, actions, proceedings, losses or costs, including, but not limited to, reasonable attorneys' fees and paralegals' fees, whether resulting from any claimed breach of this Agreement by Design Builder or from personal injury, property damage, direct or consequential damages, or economic loss, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of Design Builder or anyone employed or utilized by the Design Builder in the performance of this Agreement.

14. COMPLIANCE WITH LAWS

1. Design Builder agrees to comply, at its own expense, with all federal, state and local laws, codes, statutes, ordinances, rules, regulations and requirements applicable to the Project, including but not limited to those

dealing with taxation, worker's compensation, equal employment and safety (including, but not limited to, the Trench Safety Act, Chapter 553, Florida Statutes). If Design Builder observes that the Contract Documents are at variance therewith, it shall promptly notify Project Manager in writing. To the extent any law, rule, regulation, code, statute, or ordinance requires the inclusion of certain terms in this Agreement in order for this Agreement to be enforceable, such terms shall be deemed included in this Agreement. Notwithstanding anything in the Contract Documents to the contrary, it is understood and agreed that in the event of a change in any applicable laws, ordinances, rules or regulations subsequent to the date the Notice to proceed has been executed that increases the Design Builder's time or cost of performance of the Work, Design Builder is entitled to a Change Order for such increases, except to the extent Design Builder knew or should have known of the reasonable prospect of such changes prior to the date of the Notice to proceed.

15. CLEANUP AND PROTECTIONS

1. Design Builder agrees to keep the Project site clean at all times of debris, rubbish and waste materials arising out of the Work. At the completion of the Work, Design Builder shall remove all debris, rubbish and waste materials from and about the Project site, as well as all tools, appliances, construction equipment and machinery and surplus materials, and shall leave the Project site clean and ready for occupancy by Owner.
2. Any existing surface or subsurface improvements, including, but not limited to, pavements, curbs, sidewalks, pipes, utilities, footings, structures, trees and shrubbery, not indicated in the Contract Documents to be removed or altered, shall be protected by Design Builder from damage during the prosecution of the Work. Subject to the Section 2.3 above, any such improvements so damaged shall be restored by Design Builder to the condition equal to that existing at the time of Design Builder's commencement of the Work.

16. ASSIGNMENT

1. Design Builder shall not assign this Agreement or any part thereof, without the prior consent in writing of Owner. Any attempt to assign or otherwise transfer this Agreement, or any part herein, without the Owner's consent, shall be void. If Design Builder does, with approval, assign this Agreement or any part thereof, it shall require that its assignee be bound to it and to assume toward Design Builder all of the obligations and responsibilities that Design Builder has assumed toward Owner.

17. PERMITS, LICENSES AND TAXES

1. All permits, fees and licenses necessary for the prosecution of the Work shall be acquired and paid for by the Design Builder. If Design Builder performs any Work without obtaining, or contrary to, such permits or licenses, Design Builder shall bear all costs arising therefrom.
2. Design Builder shall pay all sales, consumer, use and other similar taxes associated with the Work or portions thereof, which are applicable during the performance of the Work.

18. TERMINATION FOR DEFAULT

1. Design Builder shall be considered in material default of the Agreement and such default shall be considered cause for Owner to terminate the Agreement, in whole or in part, as further set forth in this Section, if Design Builder: (1) fails to begin the Work under the Contract Documents within the time specified herein; or (2) fails to properly and timely perform the Work as directed by the Project Manager or as provided for in the approved Master Project Schedule; or (3) performs the Work unsuitably or neglects or refuses to remove materials or to correct or replace such Work as may be rejected as unacceptable or unsuitable; or (4) discontinues the prosecution of the Work; or (5) fails to resume Work which has been suspended within a reasonable time after being notified to do so; or (6) becomes insolvent or is declared bankrupt, or commits any act of bankruptcy; or (7) allows any final judgment to stand against it unsatisfied for more than ten (10) days; or (8) makes an assignment for the benefit of creditors; or (9) fails to obey any applicable codes, laws, ordinances, rules or regulations with respect to the Work; or (10) materially breaches any other provision of the Contract Documents.
2. Owner shall notify Design Builder in writing of Design Builder's default(s). If Owner determines that Design Builder has not remedied and cured the default(s) within seven (7) calendar days following receipt by Design Builder of said written notice or such longer period of time as may be consented to by Owner in writing and in its sole discretion, then Owner, at its option, without releasing or waiving its rights and remedies against the Design Builder's sureties and without prejudice to any other right or remedy it may be entitled to hereunder or by law, may terminate Design Builder's right to proceed under the Agreement, in whole or in part, and take possession of all or any portion of the Work and any materials, tools, equipment, and appliances of Design Builder, take assignments of any of Design Builder's subcontracts and purchase orders, and complete all or any portion of Design Builder's Work by whatever means, method or agency which Owner, in its sole discretion, may choose.

3. If Owner deems any of the foregoing remedies necessary, Design Builder agrees that it shall not be entitled to receive any further payments hereunder until after the Project is completed. All moneys expended and all of the costs, losses, damages and extra expenses, including all management, administrative and other overhead and other direct and indirect expenses (including attorneys' fees) or damages incurred by Owner incident to such completion, shall be deducted from the Contract Amount, and if such expenditures exceed the unpaid balance of the Contract Amount, Design Builder agrees to pay promptly to Owner on demand the full amount of such excess, including costs of collection, attorneys' fees (including appeals) and interest thereon at the maximum legal rate of interest until paid. If the unpaid balance of the Contract Amount exceeds all such costs, expenditures and damages incurred by the Owner to complete the Work, such excess shall be paid to the Design Builder. The amount to be paid to the Design Builder or Owner, as the case may be, shall be approved by the Project Manager, upon application, and this obligation for payment shall survive termination of the Agreement.
4. The liability of Design Builder hereunder shall extend to and include the full amount of any and all sums paid, expenses and losses incurred, damages sustained, and obligations assumed by Owner in good faith under the belief that such payments or assumptions were necessary or required, in completing the Work and providing labor, materials, equipment, supplies, and other items therefor or re letting the Work, and in settlement, discharge or compromise of any claims, demands, suits, and judgments pertaining to or arising out of the Work hereunder.
5. If, after notice of termination of Design Builder's right to proceed pursuant to this Section, it is determined for any reason that Design Builder was not in default, or that its default was excusable, or that Owner is not entitled to the remedies against Design Builder provided herein, then the termination will be deemed a termination for convenience and Design Builder's remedies against Owner shall be the same as and limited to those afforded Design Builder under Section 19 below.
6. In the event (i) Owner fails to make any undisputed payment to Design Builder in accordance with the Local Government Prompt Payment Act, Section 218.70, et.seq. of the Florida State Statutes or Owner otherwise persistently fails to fulfill some material obligation owed by Owner to Design Builder under this Agreement, and (ii) Owner has failed to cure such default within fourteen (14) days of receiving written notice of same from Design Builder, then Design Builder may stop its performance under this Agreement until such default is cured, after giving Owner a second fourteen (14) days written notice of Design Builder’s intention to stop performance under the Agreement. If the Work is so stopped for a period of one hundred and twenty (120) consecutive days through no act or fault of the Design Builder or its Subcontractors or their agents or employees or any other persons performing portions of the Work under contract with the Design Builder or any Subcontractor, the Design Builder may terminate this Agreement by giving written notice to Owner of Design Builder’s intent to terminate this Agreement. If Owner does not cure its default within fourteen (14) days after receipt of Design Builder’s written notice, Design Builder may, upon fourteen (14) additional days' written notice to the Owner, terminate the Agreement and recover from the Owner payment for Work performed through the termination date, but in no event shall Design Builder be entitled to payment for Work not performed or any other damages from Owner.

19. TERMINATION FOR CONVENIENCE AND RIGHT OF SUSPENSION

1. Owner shall have the right to terminate this Agreement without cause upon seven (7) calendar days written notice to Design Builder. In the event of such termination for convenience, Design Builder's recovery against Owner shall be limited to that portion of the Contract Amount earned through the date of termination, together with any retainage withheld and reasonable termination expenses incurred, but Design Builder shall not be entitled to any other or further recovery against Owner, including, but not limited to, damages or any anticipated profit on portions of the Work not performed.
2. Owner shall have the right to suspend all or any portions of the Work upon giving Design Builder not less than five (5) calendar days' prior written notice of such suspension. If all or any portion of the Work is so suspended, Design Builder's sole and exclusive remedy shall be to seek an extension of time to its schedule in accordance with the procedures set forth in the Contract Documents. In no event shall the Design Builder be entitled to any additional compensation or damages. Provided, however, if the ordered suspension exceeds six (6) months, the Design Builder shall have the right to terminate the Agreement with respect to that portion of the Work which is subject to the ordered suspension.

20. COMPLETION

1. Substantial Completion is the stage in the progress of the Work when the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use provided, however, that as a condition precedent to Substantial Completion, the Owner has received all certificates of occupancy and any other permits, approvals, licenses, and other documents, that

are Design Builder's responsibility to obtain under the Contract Documents from any governmental authority having jurisdiction thereof necessary for the beneficial occupancy of the Work; provided, however, such condition precedent shall be waived to the extent the failure to obtain any such item is not due to the fault or neglect of Design Builder or anyone for whom Design Builder is responsible. In general, the only remaining Work shall be minor in nature, so that the Owner could occupy the Work on that date and the completion of the Work by the Design Builder thereafter would not unreasonably interfere with the Owner's normal business operations or create an unsafe condition. The "punchlist" shall be completed within 60 consecutive calendar days or as agreed upon following the Substantial Completion Date ("Final Completion").

2. When the entire Work (or any portion thereof designated in writing by Owner) is ready for its intended use, Design Builder shall notify Project Manager in writing that the entire Work (or such designated portion) is substantially complete and ready for Certificate of Substantial Completion (or Certificate of Partial Substantial Completion) to be issued. Said written notice from Design Builder shall include a proposed punch-list of all items of Work to be completed or corrected by Design Builder. Within a reasonable time thereafter, Owner and Design Builder shall make an inspection of the Work (or designated portion thereof) to determine the status of completion. If Owner does not consider the Work (or designated portion) substantially complete, Project Manager shall notify Design Builder in writing giving the reasons therefor. In such case, Design Builder shall pay the costs of all additional Substantial Completion inspections. If Owner considers the Work (or designated portion) substantially complete, Design Professional shall prepare a Certificate of Substantial Completion (or Certificate of Partial Substantial Completion), which includes a Certificate of Occupancy issued by the local building official, for Owner's review, approval and execution which shall fix the date of Substantial Completion for the entire Work (or designated portion thereof) and include a tentative punch-list of items to be completed or corrected by Design Builder before final payment. Failure to include an item on the final punch-list does not waive Owner's right to demand completion of the item pursuant to the Contract Documents either prior to or after final payment. Owner shall have the right to exclude Design Builder from the Work and Project site (or designated portion thereof) after the date of Substantial Completion, but Owner shall allow Design Builder reasonable access to complete or correct items on the tentative punch-list.

3. Upon receipt of written certification by Design Builder that the Work is completed in accordance with the Contract Documents and is ready for final inspection and acceptance, Project Manager will make such inspection and, if he or she finds the Work acceptable and fully performed under the Contract Documents shall promptly issue a final Certificate for Payment, recommending that, on the basis of his or her observations and inspections, and the Design Builder's certification that the Work has been completed in accordance with the terms and conditions of the Contract Documents, that the entire balance found to be due Design Builder is due and payable. Neither the final payment nor the retainage shall become due and payable until Design Builder submits:

    1) Receipt of Design Builder's Final Application for Payment.
    2) The Release and Affidavit in the form attached as Exhibit C.
    3) Consent of surety to final payment.
    4) Receipt of the final payment check list.
    5) If required by Owner, other data establishing payment or satisfaction of all obligations, such as receipts, releases and waivers of liens, arising out of the Contract Documents, to the extent and in such form as may be designated by Owner.

    Owner reserves the right to inspect the Work and make an independent determination as to the Work's acceptability, even though the Project Manager may have issued his or her recommendations. Unless and until the Owner is completely satisfied, neither the final payment nor the retainage shall become due and payable.

21. WARRANTY

1. Design Builder shall obtain and assign to Owner all express warranties given to Design Builder or any subcontractors by any subcontractor or materialmen supplying materials, equipment or fixtures to be incorporated into the Project. Design Builder warrants to Owner that any materials and equipment furnished under the Contract Documents shall be new unless otherwise specified, and that all Work shall be of good quality, free from all defects and in conformance with the Contract Documents. Design Builder further warrants to Owner that all materials and equipment furnished under the Contract Documents shall be applied, installed, connected, erected, used, cleaned and conditioned in accordance with the instructions of the applicable manufacturers, fabricators, suppliers or processors except as otherwise provided for in the Contract Documents. If, within one (1) year after Substantial Completion, any Work is found to be defective or not in conformance with the Contract Documents,

Design Builder shall correct it promptly after receipt of written notice from Owner. Design Builder shall also be responsible for and pay for replacement or repair of adjacent materials or Work which may be damaged as a result of such replacement or repair. Further, in the event of an emergency, Owner may commence to correct any defective Work, without prior notice to Design Builder, at Design Builder's expense. These warranties are in addition to those implied warranties to which Owner is entitled as a matter of law.

2. No later than 30 days prior to expiration of the warranty, the Project Manager, or another representative of the Owner, shall conduct an inspection of the warranted work to verify compliance with the requirements of the Agreement. The Design Builder's Representative shall be present at the time of inspection and shall take remedial actions to correct any deficiencies noted in the inspection. Failure of the Design Builder to correct the cited deficiencies shall be grounds for the Owner to disqualify the Design Builder from future bid opportunities with the Owner, in addition to any other rights and remedies available to Owner.

22. TESTS AND INSPECTIONS

1. Owner and its respective representatives, agents and employees, and governmental agencies with jurisdiction over the Project shall have access at all times to the Work, whether the Work is being performed on or off of the Project site, for their observation, inspection and testing. Design Builder shall provide proper, safe conditions for such access. Design Builder shall provide Project Manager with timely notice of readiness of the Work for all required inspections, tests or approvals.
2. If the Contract Documents or any codes, laws, ordinances, rules or regulations of any public authority having jurisdiction over the Project requires any portion of the Work to be specifically inspected, tested or approved, Design Builder shall assume full responsibility therefore, pay all costs in connection therewith and furnish Project Manager the required certificates of inspection, testing or approval. All inspections, tests or approvals shall be performed in a manner and by organizations acceptable to the Project Manager.
3. Design Builder is responsible, without reimbursement from Owner, for re-inspection fees and costs; to the extent such re-inspections are due to the fault or neglect of Design Builder.
4. If any Work that is to be inspected, tested or approved is covered without written concurrence from the Project Manager, such work must, if requested by Project Manager, be uncovered for observation. Such uncovering shall be at Design Builder's expense unless Design Builder has given Project Manager timely notice of Design Builder's intention to cover the same and Project Manager has not acted with reasonable promptness to respond to such notice. If any Work is covered contrary to written directions from Project Manager, such Work must, if requested by Project Manager, be uncovered for Project Manager's observation and be replaced at Design Builder's sole expense.
5. The Owner shall charge to Design Builder and may deduct from any payments due Design Builder all engineering and inspection expenses incurred by Owner in connection with any overtime work. Such overtime work consisting of any work during the construction period beyond the regular eight (8) hour day and for any work performed on Saturday, Sunday or holidays.
6. Neither observations nor other actions by the Project Manager nor inspections, tests or approvals by others shall relieve Design Builder from Design Builder's obligations to perform the Work in accordance with the Contract Documents.
7. Owner shall have the right, but not the obligation, to hire any consultant it deems appropriate to perform a peer review on Design Builder's design documents. Design Builder agrees to cooperate with any such peer review.

23. DEFECTIVE WORK

1. Work not strictly conforming to the requirements of the Contract Documents shall be deemed defective Work. If required by Project Manager, Design Builder shall as directed, either correct all defective Work, whether or not fabricated, installed or completed, or if the defective Work has been rejected by Project Manager, remove it from the site and replace it with non-defective Work. Design Builder shall bear all direct, indirect and consequential costs of such correction or removal (including, but not limited to fees and charges of engineers, architects, attorneys and other professionals) made necessary thereby, and shall hold Owner harmless for same.
2. If the Project Manager considers it necessary or advisable that covered Work be observed or inspected or tested by others and such Work is not otherwise required to be inspected or tested, Design Builder, at Project Manager's request, shall uncover, expose or otherwise make available for observation, inspection or tests as Project Manager may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is defective, Design Builder shall bear all direct, indirect and consequential costs of

such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction (including, but not limited to, fees and charges of engineers, architects, attorneys and other professionals), and Owner shall be entitled to an appropriate decrease in the Lump Sum Price. If, however, such Work is not found to be defective, Design Builder shall be allowed an increase in the Lump Sum Price and/or an extension to the Contract Time, to the extent solely attributable to such uncovering, exposure, observation, inspection, testing and reconstruction.

3. If any portion of the Work is defective, or if Design Builder fails to supply sufficient skilled workers, suitable materials or equipment or fails to finish or perform the Work in such a way that the completed Work will conform to the Contract Documents, or satisfactorily maintain the Project schedules, Project Manager may order Design Builder to stop the Work, or any portion thereof, until the cause for such order has been eliminated. The right of Project Manager to stop the Work shall be exercised, if at all, solely for Owner's benefit and nothing herein shall be construed as obligating the Project Manager to exercise this right for the benefit of Design Builder or any other person.

4. Should the Owner determine, in its sole opinion, it is in the Owner's best interest to accept defective Work, the Owner may do so. Design Builder shall bear all direct, indirect and consequential costs attributable to the Owner's evaluation of and determination to accept defective Work. If such determination is rendered prior to final payment, a Change Order shall be executed evidencing such acceptance of such defective Work, incorporating the necessary revisions in the Contract Documents and reflecting an appropriate decrease in the Contract Amount. If the Owner accepts such defective Work after final payment, Design Builder shall promptly pay Owner an appropriate amount to adequately compensate Owner for its acceptance of the defective Work.

5. If Design Builder fails, within a reasonable time, which in no event shall be more than 14 days after the written notice from Project Manager, to correct defective Work or to remove and replace rejected defective Work as required by Project Manager or Owner, or if Design Builder fails to perform the Work in accordance with the Contract Documents, or if Design Builder fails to comply with any of the provisions of the Contract Documents, Owner may, after seven (7) days written notice to Design Builder, correct and remedy any such deficiency. Provided, however, Owner shall not be required to give notice to Design Builder in the event of an emergency. To the extent necessary to complete corrective and remedial action, Owner may exclude Design Builder from any or all of the Project site, take possession of all or any part of the Work, and suspend Design Builder's services related thereto, take possession of Design Builder's tools, appliances, construction equipment and machinery at the Project site and incorporate in the Work all materials and equipment stored at the Project site or for which Owner has paid Design Builder but which are stored elsewhere. Design Builder shall allow Owner and its respective representatives, agents, and employees such access to the Project site as may be necessary to enable Owner to exercise the rights and remedies under this paragraph. All direct, indirect and consequential costs of Owner in exercising such rights and remedies shall be charged against Design Builder, and a Change Order shall be issued, incorporating the necessary revisions to the Contract Documents, including an appropriate decrease to the Contract Amount. Such direct, indirect and consequential costs shall include, but not be limited to, fees and charges of engineers, architects, attorneys and other professionals, all court costs and all costs of repair and replacement of work of others destroyed or damaged by correction, removal or replacement of Design Builder's defective Work. Design Builder shall not be allowed an extension of the Contract Time because of any delay in performance of the Work attributable to the exercise by Owner of Owner's rights and remedies hereunder.

24. SUPERVISION AND SUPERINTENDENTS

1. Design Builder is responsible for supervising, coordinating and performing the Work with the highest level of care and skill as would be provided by a designer and contractor with extensive and special expertise in the type of design and construction services required under the Contract Documents. Design Builder shall plan, organize, supervise, schedule, monitor, direct and control the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in strict accordance with the Contract Documents. Design Builder shall be responsible to see that the finished Work complies accurately with the Contract Documents. Design Builder shall keep on the Work at all times during its progress a competent resident superintendent, who shall be subject to Owner's approval and who shall not be replaced without prior written notice to Project Manager except under extraordinary circumstances. The superintendent shall be employed by the Design Builder and be the Design Builder's representative at the Project site and shall have authority to act on behalf of Design Builder. All communications given to the superintendent shall be as binding as if given to the Design Builder. Owner shall have the right to direct Design Builder to remove and replace its Project superintendent, with cause. Attached to the Agreement as Exhibit S is Design Builder's list identifying Design Builder's Project Superintendent and all of Design Builder's key personnel who are assigned to the

Project; such identified personnel shall not be removed without Owner's prior written approval, and if so removed must be immediately replaced with a person acceptable to Owner.

2. Design Builder shall have a competent, experienced superintendent on the project at all times whenever Design Builder's work crews, or work crews of other parties authorized by the Project Manager are engaged in any activity whatsoever associated with the Project. Should the Design Builder fail to comply with the above condition, the Project Manager shall, at his discretion, deduct from the Design Builder's monthly pay estimate, sufficient moneys to account for the Owner's loss of adequate project supervision, not as a penalty, but as liquidated damages, separate from the liquidated damages described in Section 5, for services not rendered.

3. If any of the Key Personnel are substituted, replaced or removed from the Project prior to the date of Final Completion without Owner's prior written consent, it is acknowledged by the Design Builder that completion of the Project will be severely and adversely impacted, in that, inter alia, there be a loss of time, a loss of the Project experience and the Project details, a loss of history and understanding of the Project and of discussions with trades and vendors, a loss of confidence by the staff, need for added training, and other adverse consequences all with resulting damages for such breach which will be extensive but difficult to estimate. Accordingly, if any of the Key Personnel are substituted, replaced or removed from the Project prior to the date of Final Completion without Owner's prior written consent, then Owner may, in addition to any other remedy available to Owner, immediately deduct Seventy-Five Thousand and 00/100 Dollars ($75,000.00) from Design Builders Fee for each Key Personnel so substituted, replaced or removed, and Design Builder shall thereafter replace the Key Personnel with individuals acceptable to Owner in its sole discretion. The Parties expressly agree that the liquidated damages established, and agreed upon, in this are not intended to penalize Design Builder or to induce performance by Design Builder. Design Builder hereby waives all claims and defenses that the liquidated damages established, and agreed upon herein, are a penalty. If payments then or thereafter due Design Builder are not sufficient to cover such amounts, then Design Builder shall promptly pay the difference to Owner. Notwithstanding to the contrary, it is expressly agreed that the Design Builder shall not be responsible and not owe liquidated damages for Key Personnel losses that are beyond the Design Builder/s control, such as retirement, employee death, employee request or employees that leave the company.

25. PROTECTION OF WORK

1. Design Builder shall fully protect the Work from loss or damage and shall bear the cost of any such loss or damage until final completion is achieved. If Design Builder or any one for whom Design Builder is legally liable for is responsible for any loss or damage to the Work, or other work or materials of Owner or Owner's separate contractors, Design Builder shall be charged with the same, and any moneys necessary to replace such loss or damage shall be deducted from any amounts due Design Builder.

2. Design Builder shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall Design Builder subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

3. Design Builder shall not disturb any benchmark established by the Owner with respect to the Project. If Design Builder, or its subcontractors, agents or anyone for whom Design Builder is legally liable, disturbs the Owner's benchmarks, Design Builder shall immediately notify Project Manager. The Owner shall reestablish the benchmarks and Design Builder shall be liable for all costs incurred by Owner associated therewith.

26. EMERGENCIES

1. In the event of an emergency affecting the safety or protection of persons or the Work or property at the Project site or adjacent thereto, Design Builder, without special instruction or authorization from Owner, is obligated to act to prevent threatened damage, injury or loss. Design Builder shall give Project Manager written notice within forty-eight (48) hours after Design Builder knew or should have known of the occurrence of the emergency, if Design Builder believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby. If the Project Manager determines that a change in the Contract Documents is required because of the action taken in response to an emergency, and such emergency was not due to the fault or neglect of the Design Builder, a Change Order shall be issued to document the consequences of the changes or variations. If Design Builder fails to provide the forty-eight (48) hour written notice noted above, the Design Builder shall be deemed to have waived any right it otherwise may have had to seek an adjustment to the Contract Amount or an extension to the Contract Time.

27. USE OF PREMISES

EXHIBIT H - GENERAL TERMS AND CONDITIONS

1. Design Builder shall maintain all construction equipment, the storage of materials and equipment and the operations of workers to the Project site and land and areas identified in and permitted by the Contract Documents and other lands and areas permitted by law, rights of way, permits and easements, and shall not unreasonably encumber the Project site with construction equipment or other material or equipment. Design Builder shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or any land or areas contiguous thereto, resulting from the performance of the Work.
2. Design Builder acknowledges that Work may be performed at a particular Project site where Owner simultaneously is conducting and continuing its operations upon the same site. In such event, Design Builder shall coordinate its Work and cooperate so as to cause no unreasonable interference with or disruption to Owner's operations.
3. Owner may take early occupancy of all or any portions of the Work, at Owner's election, by designating in writing to Design Builder the specific portions of the Work to be occupied and the date such occupancy shall commence. If any such specific early occupancy was not expressly identified at the time the Notice to Proceed was executed and such early occupancy negatively impacts Design Builder's cost or time of performance, Design Builder shall be entitled to an equitable adjustment to the Contract Amount and the Contract Time, all in accordance with the other terms and conditions of the Contract Documents.

28. SAFETY

A. Design Builder shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Design Builder shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

   A. All employees on or about the project site and other persons and/or organizations who may be affected thereby;

   B. All the Work and materials and equipment to be incorporated therein, whether in storage on or off the Project site; and

   C. Other property on Project site or adjacent thereto, including trees, shrubs, walks, pavements, roadways, structures, utilities and any underground structures or improvements not designated for removal, relocation or replacement in the Contract Documents.

B. Design Builder shall comply with all applicable codes, laws, ordinances, rules and regulations of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. Design Builder shall erect and maintain all necessary safeguards for such safety and protection. Design Builder shall notify owners of adjacent property and of underground structures and improvements and utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation or replacement of their property. Design Builder's duties and responsibilities for the safety and protection of the Work shall continue until such time as the Work is completed and final acceptance of same by Owner has occurred.

C. Design Builder shall designate a responsible representative located on a full-time basis at the Project site whose duty shall be the prevention of accidents. This person shall be Design Builder's superintendent unless otherwise designated in writing by Design Builder to Owner.

D. Alcohol, drugs and all illegal substances are strictly prohibited on any Owner property. All employees of Design Builder, as well as those of all Design Builder's subconsultants and subcontractors and those of any other person or entity for whom Design Builder is legally liable (collectively referred to herein as "Employees"), shall not possess or be under the influence of any such substances while on any Owner property. Further, Employees shall not bring on to any Owner property any gun, rifle or other firearm, or explosives of any kind.

E. Design Builder acknowledges that the Work may be progressing on a Project site which is located upon or adjacent to an existing Owner facility. In such event, Design Builder shall comply with the following:

   A. All Owner facilities are smoke free. Smoking is strictly prohibited;

   B. All Employees working at the Project site must log in and out with the Design Builder each day;

   C. Design Builder shall strictly limit its operations to the designated work areas and shall not permit any Employees to enter any other portions of Owner's property without Owner's express prior written consent;

   D. All Employees are prohibited from distributing any papers or other materials upon Owner's property, and are strictly prohibited from using any of Owner's telephones or other office equipment;

E. All Employees shall at all times comply with the OSHA regulations with respect to dress and conduct at the Project site. Further, all Employees shall comply with the dress, conduct and facility regulations issued by Owner's officials onsite, as said regulations may be changed from time to time;

F. All Employees shall enter and leave Owner's facilities only through the ingress and egress points identified in the site utilization plan approved by Owner or as otherwise designated, from time to time, by Owner in writing;

G. When requested, Design Builder shall cooperate with any ongoing Owner investigation involving personal injury, economic loss or damage to Owner's facilities or personal property therein;

H. The Employees may not solicit, distribute or sell products while on Owner's property. Friends, family members or other visitors of the Employees are not permitted on Owner's property; and

I. At all times, Design Builder shall adhere to Owner's safety and security regulations, and shall comply with all security requirements at Owner's facilities, as said regulations and requirements may be modified or changed by Owner from time to time.

J. At all times while at the Project site, all Employees shall refrain from any abusive or offensive language and shall refrain from the harassment of any Owner employee, agent or invitee on the Project site.

29. PROJECT MEETINGS

Prior to the commencement of any Work, the Design Builder shall attend a conference with the Project Manager and others as appropriate to discuss the Master Project Schedule, procedures for handling design documents, shop drawings and other submittals, and for processing Applications for Payment, and to establish a working understanding among the parties as to the Work. During the prosecution of the Work, the Design Builder shall attend any and all meetings convened by the Project Manager with respect to the Project, when directed to do so by the Project Manager. The Design Builder shall have its subconsultants, subcontractors and suppliers attend all such meetings (including the pre-construction conference) as may be directed by the Project Manager.

30. MAINTENANCE OF TRAFFIC POLICY

For all projects that are conducted within a Pinellas County Right-of-Way, the Design Builder shall provide, and erect Traffic Control Devices as prescribed in the current edition of the Manual On Uniform Traffic Control Devices (MUTCD), where applicable on local roadways and as prescribed in the Florida Department of Transportation Design Standards (DS), where applicable on state roadways. These projects shall also comply with Pinellas County's Maintenance of Traffic Policy, incorporated herein by reference. Copies are available through Owner's Risk Management.

The Design Builder will be responsible for obtaining copies of all required manuals, MUTCD, FDOT Roadway & Traffic Design Standards Indexes, or other related documents, so to become familiar with their requirements. Strict adherence to the requirements of the Maintenance of Traffic ("MOT") policy will be enforced under this Contract.

All costs associated with the Maintenance of Traffic shall be included within the Lump Sum Agreement.

If MOT is required, MOT is to be provided beginning with the Phase 2 Commencement Date.

31. SUBCONTRACTS

1. As the design is being developed by or for Design Builder, Design Builder shall review the design and shall determine how it desires to divide the sequence of construction activities. Design Builder will determine the breakdown and composition of bid packages for award of subcontracts, based on the current Master Project Schedule, and shall supply a copy of that breakdown and composition to Owner for its review and approval prior to submitting its Lump Sum Price proposal. Design Builder shall take into consideration such factors as natural and practical lines of severability, sequencing effectiveness, access and availability constraints, total time for completion, construction market conditions, availability of labor and materials, community relations and any other factors pertinent to saving time and costs.

2. A Subcontractor is any person or entity who is performing, furnishing, supplying or providing any portion of the Work pursuant to a contract with Design Builder, including any of the required design services. Design Builder shall be solely responsible for and have control over the Subcontractors. Design Builder shall negotiate all Change Orders, Work Directive Changes, Field Orders and Requests for Proposal, with all affected Subcontractors and shall review the costs of those proposals and advise Owner of their validity and reasonableness, acting in Owner's best interest, prior to requesting approval of any Change Order from Owner. All Subcontractors performing any portion of the Work on this Project must possess all licenses required by state

or local law and must be "qualified," meaning a person or entity that has the capability in all respects to perform fully the Agreement requirements with respect to its portion of the Work and has the integrity and reliability to assure good faith performance.

3. When Design Builder submits its Lump Sum Price proposal to Owner, Design Builder shall identify all Subcontractors, including their addresses, licensing information and phone numbers, it intends to utilize for the Project. All Subcontractors must be approved by Owner prior to Design Builder entering into any subcontract or purchase order with them and prior to any Subcontractor commencing any work on the Project. The list identifying Subcontractors shall be attached as an Attachment to the Lump Sum Price proposal and cannot be modified, changed, or amended without prior written approval from Owner. Any and all Subcontractor work to be self-performed by Design Builder must be approved in writing by Owner in its sole discretion prior to commencement of such work. As additional Subcontractors may be approved by Owner after the Notice to Proceed is executed, Design Builder shall continuously update that Subcontractor list, so that it remains current and accurate throughout the entire performance of the Work.

4. Design Builder shall not enter into a subcontract or purchase order with any Subcontractor, if Owner reasonably objects to that Subcontractor. Design Builder shall not be required to contract with anyone to whom it reasonably objects. Design Builder shall keep on file a copy of the license for every Subcontractor and sub-subcontractor performing any portion of the Work, as well as maintain a log of all such licenses. All subcontracts and purchase orders between Design Builder and its Subcontractors shall be in writing and are subject to Owner's approval. Further, unless expressly waived in writing by Owner, all subcontracts and purchase orders shall (1) require each Subcontractor to be bound to Design Builder to the same extent Design Builder is bound to Owner by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the Subcontractor, (2) provide for the assignment of the subcontract or purchase order from Design Builder to Owner at the election of Owner upon termination of Design Builder, (3) provide that Owner will be an additional indemnified party of the subcontract or purchase order, (4) provide that Owner will be an additional insured on all liability insurance policies required to be provided by the Subcontractor except workman's compensation and professional liability policies, (5) assign all warranties directly to Owner, and (6) identify Owner as an intended third-party beneficiary of the subcontract or purchase order. Design Builder shall make available to each proposed Subcontractor, prior to the execution of the subcontract, copies of the Contract Documents to which the Subcontractor will be bound. Each Subcontractor shall similarly make copies of such documents available to its sub-subcontractors.

5. All Subcontractors providing any construction services must agree to provide field (on-site) supervision through a named superintendent for each trade (e.g., general concrete forming and placement, masonry, mechanical, plumbing, electrical and roofing) included in its subcontract or purchase order. In addition, the Subcontractor shall assign and name a qualified employee for scheduling direction for its portion of the Work. The supervisory employees of the Subcontractor (including field superintendent, foreman and schedulers at all levels) must have been employed in a supervisory (leadership) capacity of substantially equivalent level on a similar project for at least two years within the last five years. The Subcontractor shall include a resume of experience for each employee identified by it to supervise and schedule its work.

6. Unless otherwise expressly waived by Owner in writing, all subcontracts and purchase orders shall provide:

   A. That the Subcontractor's exclusive remedy for delays in the performance of the subcontract or purchase order caused by events beyond its control, including delays claimed to be caused by Owner or attributable to Owner and including claims based on breach of contract or negligence, shall be an extension of its contract time.

   B. In the event of a change in the work, the Subcontractor's claim for adjustments in the contract sum are limited exclusively to its actual costs for such changes plus no more than 10% for overhead and profit.

   C. The subcontract or purchase order, as applicable, shall require the Subcontractor to expressly agree that the foregoing constitute its sole and exclusive remedies for delays and changes in the Work and thus eliminate any other remedies for claim for increase in the contract price, damages, losses or additional compensation. Further, Design Builder shall require all Subcontractors to similarly incorporate the terms of this Section 31.6 into their sub-subcontracts and purchase orders.

7. Each subcontract and purchase order shall require that any claims by Subcontractor for delay or additional cost must be submitted to Design Builder within the time and in the manner in which Design Builder must submit such claims to Owner, and that failure to comply with such conditions for giving notice and submitting claims shall result in the waiver of such claims.

32. DESIGN BUILDER RESPONSIBILITIES

EXHIBIT H - GENERAL TERMS AND CONDITIONS

Design Builder shall provide the following review and commentary services, in addition to any other work required by the terms of this Contract:

1. Allowances. The Lump Sum Price for Phase 2 may include Allowances with respect to the work. Design Builder may expend Allowance money (up to the amount designated) only with the express prior written approval of Owner.
2. Responsibility for Work. Notwithstanding any requirements herein for Owner's review, inspection, consent or approval, the parties acknowledge and agree that Design Builder shall be solely responsible and liable for the proper performance of the Work as provided for herein.
3. Notices and Compliance with Law. Design Builder shall be responsible for giving all notices and for complying with all laws, ordinances, rules, regulations and lawful orders of any public authorities having jurisdiction over the particular portion of the Project with respect to the performance of the subject Work. The Master Project Schedule for the subject Work and the Lump Sum Price associated therewith shall be based upon the laws, ordinances and regulations which are then in effect on the date the Notice to Proceed is executed. Any changes in laws, ordinances or regulations thereafter that require additional work outside Design Builder's established scope shall be the subject of a Change Order as provided in section 14.1 of these General Terms and Conditions.
4. Indemnification for Infringement. Design Builder shall pay all royalty and license fees required for the design and construction of any portion of the Project assigned to it. To the maximum extent permitted by law, Design Builder shall defend any and all suits or claims for infringement of patent rights and shall indemnify and save Owner harmless from all loss or expense on account thereof (including attorneys' and paralegals' fees).
5. Review, Recommendations and Warranty: Design Builder shall familiarize itself thoroughly with the evolving architectural, civil, mechanical, plumbing, electrical and structural plans and specifications being prepared by its Design Professionals and shall follow the development of the Project design through all required design sub-phases in Phase 1. Design Builder shall make recommendations with respect to the selection of systems and materials, and cost-reducing alternatives including assistance to Owner in evaluating alternative comparisons versus long term cost effects. The evaluation shall address the benefits of the speed of erection and early completion of the Work. Design Builder shall furnish pertinent information as to the availability of materials and labor that will be required. Design Builder shall submit to Owner such comments as may be appropriate concerning construction feasibility and practicality. Design Builder shall call to Owner's attention any defects in the design, drawings and specifications or other documents of which it is aware. Design Builder shall prepare estimates of the construction cost utilizing the unit quantity survey method in the CSI format. These estimates shall be performed at the completion of the Program Verification Phase and shall be called the Program Estimate, followed by a Schematic Design Estimate, which shall be followed by the Design Development Estimate, which shall be followed by a 50% Construction Document Estimate, which shall be followed by the setting of the Lump Sum Price.
6. Review Reports: Within ten (10) days after receiving the documents produced by its Design Professionals, Design Builder shall perform a specific review thereof, focused upon factors of a nature encompassed in Paragraph 34.5 above and on factors set out in Paragraphs 34.7 and 34.8 below. Within the same ten (10) day period, Design Builder shall submit to Owner a written report covering suggestions or recommendations previously submitted, additional suggestions or recommendations as Design Builder may deem appropriate, and all actions taken by Design Builder with respect to same, any comments Design Builder may deem to be appropriate with respect to separating the Work into separate subcontracts, alternative materials, and any other appropriate or required comments.
7. THE DESIGN BUILDER SHALL BE DEEMED TO HAVE WARRANTED TO OWNER, THAT THE CONSTRUCTION DOCUMENTS ARE CONSISTENT WITH EACH OTHER, PRACTICAL, FEASIBLE AND CONSTRUCTABLE FOR THE CONTRACT AMOUNT. FURTHER, THE DESIGN BUILDER SHALL BE DEEMED TO HAVE WARRANTED TO OWNER THAT THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS IS CONSTRUCTABLE WITHIN THE CONTRACT TIME, AND THAT NO ADDITIONAL SITE INVESTIGATION IS NECESSARY OR DESIRED BY DESIGN BUILDER.
8. Long Lead Procurement: Design Builder shall review the Project design for the purpose of identifying long lead procurement items (machinery, equipment, materials and supplies) and consult with the Project Manager concerning same. When each item is identified, Design Builder shall notify the subcontractors and Owner of the required procurement and schedule. Such information shall be included in the bid documents and made a part of all affected subcontracts. Design Builder shall keep itself informed of the progress of the respective

subcontractors or suppliers, manufacturing or fabricating such items, and advise Owner of any problems or possible delays in delivery.

9. Interfacing:

   A. Design Builder shall take such measures as are appropriate to provide that all construction requirements will be covered in the separate procurement of long lead items, the separate construction subcontractors and the general conditions items without duplication or overlap and sequenced to maintain completion of all Work on schedule. Particular attention shall be given to provide that each bid package clearly identifies the Work included in that particular separate subcontract, its schedule for start and completion and its relationship to the other separate subcontractors.

   B. Design Builder shall include in the reports required under Paragraph 32.6 above, comments on overlap with any other separate subcontracts, omissions, lack of correlation between drawings, and any other deficiencies noted, in order that Design Builder may arrange for necessary corrections.

33. OWNER'S RESPONSIBILITIES

1. Design Criteria Package. Owner has provided Design Builder with the Design Criteria Package and will provide responses or clarification within a reasonable period of time to Design Builder's inquiries with respect to the Design Criteria Package.

2. Owner's Representative. Owner designates **TBD** as Project Manager who shall be fully acquainted with the scope of the Work and authorized to act on Owner's behalf with respect to Design Builder's services for the Project. Provided, however, that Project Manager is not authorized to issue any orders or instructions to Design Builder that would have the effect, or be interpreted to have the effect, of modifying or changing in any way whatsoever the: (1) scope of services to be provided and performed by Design Builder hereunder; (2) the time Design Builder is obligated to commence and complete all such services; or (3) the amount of compensation Owner is obligated or committed to pay Design Builder. As set forth herein, Project Manager shall review and make appropriate recommendations on all requests submitted by Design Builder for payment for services and work provided and performed in accordance with this Agreement.

34. MARKET ANALYSIS AND SOLICITATION OF BIDS

1. The purpose of this Paragraph is to ensure that Design Builder makes a genuine effort to stimulate subcontractor interest in the Project and maximize participation of potential qualified subcontractors in the bidding process. At all times Owner shall have access to and the right to require copies of all correspondence, records, files and other bid documents (including all bid responses) with respect to the bidding process. Further, Design Builder shall notify Owner of the date, time and place of all bid openings and Owner shall have the right to attend any and all such bid openings. All bid openings shall be conducted in Pinellas County, Florida.

   A. Design Builder shall monitor conditions in the construction market to identify factors that will or may affect costs and time for completing the Work; Design Builder shall make an analysis as necessary to (i) determine and report on availability of labor, materials, equipment, potential bidders, and possible impact of any shortages or surpluses of labor or material, and (ii) in light of such determination, make recommendations and take action as may be appropriate with respect to long lead procurement, separation of construction into bid packages, sequencing of Work, use of alternative materials, equipment or methods, other economics in design or construction, and other matters that will promote cost savings and completion within the Contract Time.

   B. Within thirty (30) days after execution of this Contract, Design Builder shall submit a written "Construction Market Analysis and Prospective Bidders Report" setting out recommendations and providing information as to prospective bidders. As various bid packages are prepared for bidding, Design Builder shall submit to Owner a list of potential bidders for its review and approval. Design Builder shall be responsible for promoting and encouraging bid competition.

   C. Design Builder shall carry out an active program of stimulating interest of qualified subcontractors in bidding on the Work and of familiarizing those bidders with the requirements of this Project.

2. Design Builder shall prepare invitations for bids and all other appropriate bid documents for all procurement of long lead items, materials and services, for subcontractor contracts and for site utilities. All such invitations for bids and bid packages shall be submitted to Owner for its review and approval prior to distribution to bidders.

   A. Except as hereafter provided in Paragraph 34.3, all subcontracts are to be awarded to the lowest responsive and responsible bidder.

B. Design Builder shall procure the lump sum price through a competitive bid process. Design Builder shall obtain at least three bids, wherever possible, and shall provide all associated documentation to Owner within a reasonable time after receipt of Owner's written request.

3. Notwithstanding the provision above requiring award of subcontracts to the lowest responsive and responsible bidder, Design Builder may award a subcontract to someone other than the lowest responsive and responsible bidder provided Design Builder has first received Owner's express written consent to such award. Owner's consent to any such award will be at Owner's sole discretion. Whenever Design Builder wishes to award a subcontract to someone who is not the lowest responsive and responsible bidder, Design Builder must notify Owner in writing, setting out in detail the reasons and justifications for the suggested award.

4. To the extent that Design Builder desires to self-perform any portion of the Work, Design Builder shall obtain Owner's written approval and at least three (3) written sealed bids from subcontractors not affiliated with Design Builder.

35. SECURING AGREEMENT

1. Design Builder warrants that Design Builder has not employed or retained any company or person, other than a bona fide employee working solely for Design Builder, to solicit or secure this Contract and that Design Builder has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for Design Builder, any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Contract. At the time this Contract is executed, Design Builder shall sign and deliver to Owner the Truth-in-Negotiation Certificate attached hereto and made a part hereof as Exhibit R. The Design Builder's compensation shall be adjusted to exclude any sums by which Owner determines the compensation was increased due to inaccurate, incomplete, or non-current wage rates or other factual unit costs.

36. PUBLIC ENTITY CRIMES

1. DESIGN BUILDER is directed to the Florida Public Entity Crime Act, Fla. Stat. 287.133, and Fla. Stat. 287.135 regarding Scrutinized Companies, and DESIGN BUILDER agrees that its bid and, if awarded, its performance of the agreement will comply with all applicable laws including those referenced herein. DESIGN BUILDER represents and certifies that DESIGN BUILDER is and will at all times remain eligible to bid for and perform the services subject to the requirements of these, and other applicable, laws. DESIGN BUILDER agrees that any contract awarded to DESIGN BULDER will be subject to termination by the County if DESIGN BUILDER fails to comply or to maintain such compliance.

37. PUBLIC RECORDS

1. Contractor acknowledges that information and data it manages as part of the services may be public records in accordance with Chapter 119, Florida Statutes and Pinellas County public records policies. Contractor agrees that prior to providing services it will implement policies and procedures to maintain, produce, secure, and retain public records in accordance with applicable laws, regulations, and County policies, including but not limited to the Section 119.0701, Florida Statutes. Notwithstanding any other provision of this Agreement relating to compensation, the Contractor agrees to charge the County, and/or any third parties requesting public records only such fees allowed by Section 119.07, Florida Statutes, and County policy for locating and producing public records during the term of this Agreement.

If the contractor has questions regarding the application of Chapter 119, Florida Statutes, to the contractor's duty to provide public records relating to this agreement, the contractor shall contact:

Pinellas County Board of County Commissioners

Purchasing and Risk Management Division

400 S. Ft. Harrison Ave, 6th Floor,

Clearwater, FL 33756

Public Records Liaison

Phone: 727-464-3237

Email: mcchartier@pinellas.gov

EXHIBIT I - SUPPLEMENTAL TERMS AND CONDITIONS

The following Supplemental Terms and Conditions hereby amend, modify and supersede in the event of a conflict the terms of the Agreement and the General Terms and Conditions attached thereto as Exhibit H.

A. Reports

1. Monthly Summary Reports:

1.1 The Design Builder shall prepare monthly written reports as described hereunder. All reports shall be in 8 1/2" x 11" format.

1.2 The Reports shall include the following:

a. A Monthly Executive Summary which provides an overview of current issues and pending decisions, future developments and expected achievements, and any problems or delays, including code violations found by any permitting authority.

b. A Monthly Scheduling Report summarizing the current status of the overall Master Project Schedule and an explanation of all variances from the plan. This report shall include an analysis of the various Project sub-schedules, a description of the critical path, and other analyses as necessary to compare planned performance with actual performance.

c. A Monthly Design and Construction Progress Report during the Phase 1 and Phase 2 summarizing the Work of the various subconsultants and subcontractors. Once construction at the site commences, this report shall include information from the weekly job site meetings as applicable such as general conditions, long lead supplies, current deliveries, safety and labor relations, programs, permits, construction problems and recommendations, and plans for the succeeding month.

1.3 The Reports outlined in subparagraphs 1.2.1 through 1.2.3 above shall be bound with applicable computer schedule reports and submitted monthly during Phase 1 and Phase 2 and shall be current through the end of the preceding month. Copies shall be delivered to the Owner. A bound copy of the complete diary shall be submitted to the Owner at the conclusion of the Project. An electronic pdf file of each Progress Report shall be delivered to the Owner's Representative each month.

2. Schedule Control Subsystem.

2.1 Master Project Schedule: Prior to the submittal of its first Application for Payment, the Design Builder shall submit to the Owner for its review and approval a Master Project Schedule covering the planning and design approvals, construction, and Owner occupancy of the Project. This schedule shall conform to the format outlined in Paragraph 2.3 below. This schedule shall serve as the framework for the subsequent development of all detailed schedules and shall be updated monthly by the Design Builder throughout the Project. Within fifteen (15) calendar days of the Design Builder's submittal, the Owner shall review the schedule and provide the Design Builder a written list of corrections needed to approve the schedule. The Design Builder must make all corrections and resolve all comments within thirty (30) calendar days after its receipt of Owner's comments. If the schedule is not approved within said thirty (30) calendar days, the Owner will withhold all Contract payments until the schedule is approved. The acceptance of the schedule by the Owner in no way attests to the validity of the assumptions, logic constraints, dependency relationships, resource allocations, manpower and equipment, and any other aspect of the proposed schedule. The Design Builder is and shall remain solely responsible for the planning and execution of all Work in order to meet Project milestones or Contract completion dates.

2.2 Construction Schedule: The Design Builder shall prepare and submit to the Owner, for its review and approval, a Construction Schedule. This schedule shall conform to the format outlined in Paragraph 2.3 below. The approved Construction Schedule shall be attached. The Construction Schedule shall be integrated into the Master Project Schedule.

a. Following development and approval of the Construction Schedule as aforesaid, the Design Builder shall, at the end of each calendar month occurring thereafter during the period of time required to finally complete the Project, or at such earlier intervals as circumstances may require, update and/or revise the Construction Schedule which shall be submitted to the Owner in duplicate. No additional compensation will be due the Design Builder for making such updates. Failure of the Design Builder to update, revise, and submit the Construction Schedule as aforesaid shall be sufficient grounds for the Owner to find the Design Builder in substantial default hereunder and that sufficient cause exists

to terminate the Contract or to withhold payment to the Design Builder until a schedule or schedule update acceptable to the Owner is submitted.

3. Schedule Format: The Master Project Schedule and the Construction Schedule shall be planned and recorded with a Critical Path Method (CPM) schedule in the form of an activity-on-node diagram. All activity-on-node diagrams shall include the Activity Identification, Activity Description, and the type of relationship between activities, including any lead or lag time.

4. Recovery Schedule: If the initial schedule or any current updates fail to reflect the Work's actual plan or method of operation, or a contractual milestone date is more than fifteen (15) days behind, the Owner may require that a recovery schedule for completion of the remaining Work be submitted. The Recovery Schedule must be submitted within seven (7) calendar days of the Owner's request. The Recovery Schedule shall describe in detail the Design Builder's plan to complete the remaining Work by the required Contract milestone date. The Recovery Schedule submitted shall meet the same requirements as the original Construction Schedule. The narrative submitted with the Recovery Schedule should describe in detail all changes that have been made to meet the Contract milestone dates.

5. Change Orders: When a Change Order is proposed, the Design Builder must identify all logic changes as a result of the Change Order. The Design Builder shall include, as part of each Change Order proposal, a sketch showing all schedule logic revisions, duration changes, and the relationships to other activities in the approved Construction Schedule. This sketch shall be known as the fragnet for the change. Upon acceptance of the fragnet, the Design Builder will revise the Construction Schedule or current update. The logic changes required by the Change Order will be considered incidental to the Design Builder's work. No separate payment will be made.

B. PROGRESS PAYMENTS

1. Retainage:

1.1 The five percent (5%) retainage referenced in Section 4.6 of the General Conditions shall not be applied to this Project during Phase 1

EXHIBIT J - DESIGN CRITERIA PACKAGE

Prepared For:

St. Pete – Clearwater International Airport
14700 Terminal Blvd., Suite 221
Clearwater, FL 33762

Prepared By:

Kimley-Horn and Associates, Inc.
201 North Franklin Street, Suite 1400
Tampa, FL 33602

Design Build Criteria Package

NEW PARKING GARAGE

March 2025

REVISED September 2025

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2. GENERAL PROJECT SCOPE

2.1 PROJECT DESCRIPTION

The St. Pete – Clearwater International Airport ("PIE" or "Airport") is proposing to construct a structured parking garage in the existing Strawberry Pie Lot. The parking garage program will consist of an approximate 2,000 space pre-cast parking garage, 300 space surface parking lot, intersection reconstruction, and other elements needed to support the parking operation.

The goals of the project include:

- **Increase Parking Capacity:** Construct a four-level parking structure in the Strawberry Pie Lot to increase the number of available stalls. This expansion aims to establish this lot as the primary economy parking option at the Airport.
- **Enhance Shuttle Service:** Implement a dedicated priority route for the shuttle service to ensure reduced headways and enhanced reliability. This improvement is focused on minimizing wait times, thereby improving the overall customer experience and ensuring timely transportation between the terminal and parking facility.
- **Upgrade Intersection:** Reconstruct the intersection at the Roosevelt Boulevard slip ramp and Fairchild Drive to boost the capacity of left-turning vehicles heading to the Strawberry Pie Lot entry plaza. This will be the main access route for economy parking.
- **Optimize Costs:** Maximize the increase in parking capacity while adhering to the Airport's established project budget. This will involve minimizing additional amenities that do not directly contribute to the core objective of increasing parking spaces.
- **Cater to Airport Clientele with User-Friendly Design:** Design and develop a parking facility specifically tailored to the needs of airport clientele. It is crucial to ensure that the design is intuitive and approachable. This includes clear signage, easy navigation, accessible information points, and convenient access points. These features will cater to the diverse and transient nature of airport users, providing a seamless and stress-free parking experience for both regular and first-time visitors.

2.2 INTENT OF CRITERIA PACKAGE

The Airport is seeking a professional firm interested in and capable of providing the services for the delivery of the new parking garage utilizing a Design-Build delivery method. The firm selected for the project ("Design Builder" or "DB") will assume full responsibility for the design and construction phases of the new parking garage. This criteria package serves to establish foundational framework for the Airport's minimum expectations for performance specifications, quality standards, and functional requirements. It does not constitute final design specifications, nor does it exempt the DB from ongoing coordination with the Airport throughout the design process.

Concept drawings developed with the Design Criteria Package and in coordination with the Airport are provided in **Appendix A**. The drawings intend to illustrate the Airport's program objectives, development constraints, concept of operations, and technical development requirements. While this information forms an initial starting point for the DB, it is the responsibility of the DB to validate all information contained herein.

These drawings do not reflect the additional scope added to the project in September 2025. The DB must investigate and verify all existing conditions before proceeding with final design and construction.

2.3 DESIGN PHASE SCOPE

The Project will consist of two phases, referred to herein as Phase 1 and Phase 2. Phase 1 will include the following sub-phases: Program Verification, Schematic Design, Design Development, preparation of 50% complete Construction Documents, and development of the Lump Sum Price proposal. Phase 2, if authorized, will include the preparation of 100% Complete Construction Documents, completion of the Building Permit Phase, construction of the Project, project closeout, commissioning and post occupancy warranty work.

Refer to Attachment C of the Request for Proposal (RFP) for a sample Pinellas County Design Build Service Agreement. The Scope of Services for each phase are described briefly below, with additional details available in Exhibit O and Exhibit P of the Design Build Service Agreement.

PHASE 1 SERVICES

SCHEMATIC DESIGN

The DB will prepare Schematic Design Documents which must at minimum include design criteria, drawings, diagrams, and specifications setting forth the requirements of the Project. The DB will be required to provide the Airport with a program development cost estimate as part of the Schematic Design Documents, together with a written explanation for all variances between that cost estimate and the approved Airport Project budget.

DESIGN DEVELOPMENT

The DB will create the Design Development Documents based on the approved final Schematic Design. This phase involves further developing the responsibilities of different disciplines—including at minimum civil, architectural, parking consulting, structural, mechanical, electrical, security, plumbing and fire protection—to finalize the scope and details of each area. The DB will also conduct materials research and draft specifications tailored to the project's requirements. An updated program development cost estimate will be provided as part of these documents.

50% CONSTRUCTION DOCUMENTS

Based on the Airport-approved final Design Development Documents, the DB will prepare Construction Documents up to 50% completion and specifications to 90% complete. Once the Airport approves the 50% complete Construction Documents, the DB will submit a proposal that includes a fixed lump sum price for completing the construction documents, obtaining all necessary permits, and carrying out the construction, commissioning and closeout documentation. The proposal will also provide an updated project schedule and a date for substantial completion, which the fixed price will be based on.

PHASE 2 SERVICES

COMPLETION OF CONSTRUCTION DOCUMENTS

The DB will finalize the Construction Documents to 100% completion based on the 50% documents approved by the Airport. Both parties will then meet to review these fully completed documents and agree on any necessary revisions.

BUILDING PERMIT PHASE

The DB is responsible for applying for and obtaining all necessary and required building permits and approvals for the project, including but not limited to County, State, and Federal Aviation Administration (FAA) permits.

CONSTRUCTION

The DB is responsible for the delivery of the construction of the project. They will also provide job site administration functions during construction, including but not limited to job meetings, shop drawing submittals/approvals, material and equipment expediting, payments to subcontractors, document interpretation, reports and project site documents, substantial completion, final completion, commissioning, and record drawings.

2.4 PROJECT SCHEDULE

The tentative project schedule is:

- Design Builder Selection and Contract Negotiations — 6 Months
- Design and Permitting — 9 Months
- Construction and Commissioning — 18 Months

The Owner requires Final Completion and Occupancy of the Project no later than 27 months after the Notice To Proceed (NTP) for the design of the project.

2.5 PROJECT BUDGET

The total Project Design-Build Budget for site improvements, garage construction, and project design was increased to $60 million. The Owner shall retain the right to modify the size of the project at any time prior to the execution of the Construction Contract.

3. EXISTING SITE CONDITIONS

The parking garage will be located in the Strawberry Pie Lot, to the northwest of the terminal complex. The site is bounded to the south by Fairchild Drive, to the west by a wet detention pond, and to the east and north by the Airfield Operations Area (AOA). The Strawberry Pie Lot is an unpaved, 778-stall parking lot used as the Airport's secondary or overflow economy parking product. When the lot is open, a shuttle service is provided to and from the terminal.

There are existing active utilities on the site, including storm, sanitary, communications, and electrical. There are also some surface features, such as concrete wheel stops, light poles, two bus shelters, and parking access control equipment, that will require salvaging or removal.

The Strawberry Pie Lot was initially intended to be expanded and paved as a surface lot as part of the *Pave Strawberry Pie Lot* project. A design package was prepared for this project, designed to have a consolidated entry and exit plaza, a dedicated shuttle entry and exit, an expansion of the existing detention pond, and a swale network surrounding the lot. In March 2024, the Airport decided not to award the project and move forward with pursuing a parking structure for the lot instead.

The latest site information for this area was obtained from the *Pave Strawberry Pie Lot* Bid Documents, which are included in **Appendix B** for reference. The DB will be responsible for obtaining all survey, utility, right-of-way, and geotechnical information during the Schematic Design Phase.

4. SITE DEVELOPMENT CONSTRAINTS

4.1 HORIZONTAL FOOTPRINT CONSTRAINTS

The total site development footprint for the Strawberry Pie Lot is limited to the extent originally designed for in the *Pave Strawberry Pie Lot* construction documents. These limits are based on airfield operating boundaries to the north and east and provides the adequate space needed for stormwater management to the west. On the south side of the site, no changes may be made to Roosevelt Boulevard. The Project may not increase the impervious area to more than 9.64 acres, per the previously approved stormwater permit. Construction Phase Access

Construction access will be from the adjacent streets and coordinated to minimize the impact to airport operations and adjacent projects. A construction logistics plan showing all construction access points, proposed lay down areas, and perimeter site protection will need to be developed and coordinated. Final approval of the plan by the Airport will be required prior to the start of construction.

A portion of construction for this project will occur within the Airfield Operations Area (AOA), a strictly controlled security area with restricted access. The DB will be responsible for meeting all requirements for entering and operating in this area and for maintaining security with secured fencing or staffing.

MAINTENANCE OF TRAFFIC

The closure of the Strawberry Pie Lot is permitted during construction. However, it is essential that construction activities do not obstruct access to the adjacent Maintenance Building or the AOA Access Gate. Furthermore, Fairchild Drive must remain open at all times, ensuring there is no complete closure of this roadway throughout the duration of the project. Partial closures may be allowed, provided that appropriate traffic control measures, such as channelization devices, signage, and flaggers, are implemented as necessary.

4.2 AIRSPACE LIMITS

The vertical extents of all elements in the proposed site shall comply with the FAA's airspace restrictions documented in *Title 14 Code of Federal Regulations (CFR) Part 77 – Safe, Efficient Use, and Preservation of the Navigable Airspace*. Given the site's distance from the runway, the Horizontal Surface, situated 150 feet above the established airport elevation, is anticipated to set the vertical development limits. Additionally, the FAA requires a permit for temporary crane operations. The DB must verify and document any airspace restrictions and assist the Airport in submitting FAA Form 7460 for the proposed development notice.

It is anticipated that the new structure will obstruct the Air Traffic Control Tower's (ATCT) view of the Airport Rescue and Firefighting (ARFF) Building and the Pinellas County Sheriff's Office Hangar . However, since these areas are designated as non-movement zones, no significant concerns are expected. The DB must engage the FAA, in partnership with the Airport, to confirm these assessments and ensure FAA compliance. An unobstructed line of site from the ATCT to the ground level of the aircraft movement area must be maintained at all times.

5. CIVIL/PARKING

5.1 ACCESS POINTS

Public parking users will enter and exit the parking facility through access-controlled entry and exit plazas. The Airport seeks to have a combined entry and exit plaza on the west side of the site, aligning with the proposed vehicular express ramp. The Airport does not wish to implement differential pricing for the garage and surface lot parking product. The requirements for these plazas include:

a) Provide a minimum of two entry lanes and two exit lanes. Actual entry and exit plaza sizing is to be confirmed with a sizing analysis during design.

b) A minimum stacking distance of 40 feet shall be provided for both the entry and exit plaza lanes.

c) Minimum dimensions of equipment islands at entry/exit lanes shall be as follows:

   i. Islands with cashier booth: Minimum 6'-4" wide by 22'-0" long.

   ii. Islands without cashier booth: Minimum 3'-6" wide by 18'-3" long.

d) Provide direct access to the surface lot and the elevated levels of the parking garage from the entry plaza.

A separate access-controlled shuttle entry and exit lane will also be provided. The Airport prefers these dedicated lanes to be located on the east side of the site to ensure the shortest path to the terminal and minimize the intermixing of public and shuttle traffic. The location of the shuttle driveway should be coordinated to maintain the functionality of the adjacent AOA access gate.

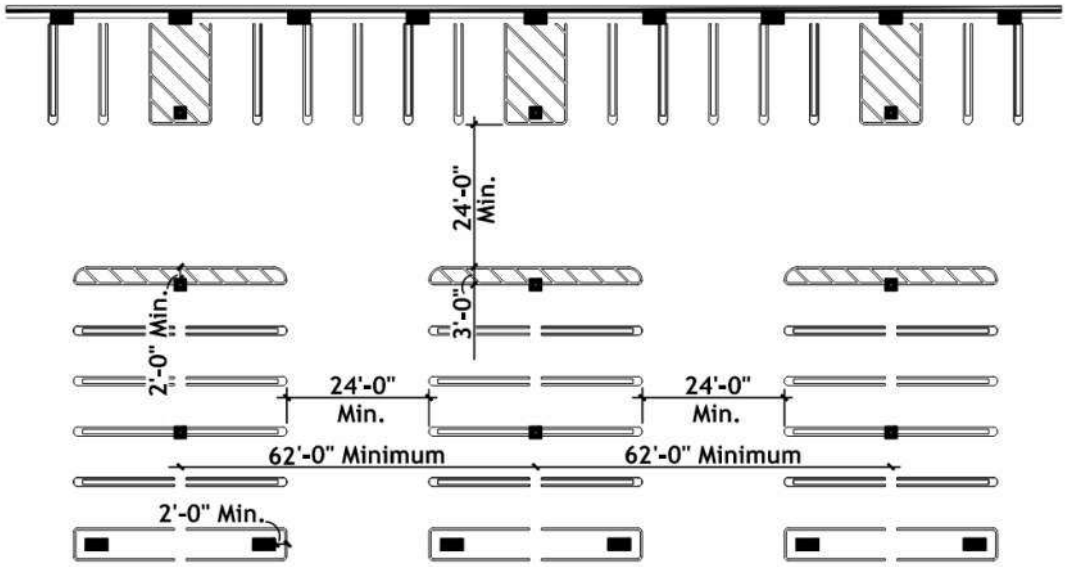
5.2 PARKING GEOMETRICS

The parking facility, consisting of structured and surface parking, must provide a minimum of 2,300 parking stalls. The parking facility should incorporate Level of Service (LOS) A design elements as recommended in the U.S. parking industry to facilitate efficient and safe vehicular traffic and pedestrian flows.

The parking geometric requirements include:

a) Configure parking for two-way vehicular traffic circulation with 90-degree parking stalls.
   i. Provide a minimum parking bay width of 62’-0”.
   ii. Provide parking stalls with a minimum dimension of 9’-0” wide and 18’-0” long.
   iii. Provide a drive aisle with a minimum width of 24’-0”.
   iv. Dead-end drive aisles are not permitted. All drive aisles should allow for vehicle circulation.
   v. Wheel stops are not permitted.
   vi. Provide a 2’-0” minimum offset from drive lanes to columns.
   vii. Provide a minimum 3’-0” minimum end-island (buffer zone) at the end of each parking row.
   viii. Compact parking spaces are not permitted.
b) Provide structural and parking layouts to minimize the inclusion and impact of columns in parking spaces. Structural supports located in the parking garage shall not encroach into the corner of a parking space by more than 1’-0” in any direction (2’-0” maximum per parking module).

Figure 1: Parking Geometrics



SOURCE: KIMLEY-HORN, JANUARY 2025.

c) All electrical conduits, pipes, downspouts, columns or other features that could be subject to impact from vehicular traffic shall be protected from impact damage with pipe guards or similar measures. Measures used for protection shall not encroach into any parking space.
d) Provide striping for accessible parking spaces consistent with current building code requirements.

e) Pedestrian - vehicular conflicts shall be avoided whenever possible. Where unavoidable, active warning devices such as traffic signals or flashing warning signs/devices and/or physical barriers, such as vehicular actuated gates shall be provided to warn the pedestrian and slow vehicular traffic.

f) Ensure that adequate aisle widths and turning radii are provided to allow shuttles to access all shuttle shelters.

5.3 AMERICAN WITH DISABILITIES ACT (ADA)

The parking structure must comply with all relevant federal ADA and local accessibility regulations, including requirements for the number of ADA stalls, stall identification and signage, stall dimensions, and vertical clearances.

a) Evaluate all surface and garage parking as a single facility for ADA stall requirement calculations.

b) Locate all accessible parking in the parking garage, located closest to the elevator core. Accessible electric vehicle (EV) parking, if applicable, is an exception and should be located nearest a surface lot shuttle stop.

c) Locate all van accessible parking stalls on the ground level.

d) Provide an accessible route from all ADA parking stalls to the elevator core and/or a shuttle bus shelter.

5.4 PAVEMENT

Site pavements will be specified in accordance with the recommendations of the geotechnical investigation of site conditions, including existing subgrade soils and structural materials, environmental conditions, projected traffic, and vehicle types anticipated for the facility. The pavement design for the shuttle bus route may need to meet greater requirements than those for parking vehicle routes. Pavement type selection and design must consider maintainability, durability and total cost of ownership. If feasible, asphalt is recommended for the surface parking area. The slab on grade for the parking garage footprint shall be concrete as specified in Section 6.2. The finished surface must be a minimum of 1'-0" above the base flood elevation, if applicable, or 1'-0" above the adjacent crown of road.

Pavement and roadway base materials must meet the requirements of the current *Pinellas County Standard Technical Specifications for Roadway and General Construction* and the latest edition of the *FDOT Standard Specifications for Road and Bridge Construction*.

5.5 STRIPING

a) All aisles, approach lanes, and maneuvering areas shall be clearly marked with directional arrows and lines as approved by the County engineer.

b) Pavement markings should be a minimum of two coats of traffic and zone marking paint.

c) All surface parking pavement markings, unless otherwise required by code, shall be white.

d) All garage parking pavement marking, unless otherwise required by code, shall be a 4" white stripe on top of a 6" black stripe to enhance visibility against the light-colored concrete.

e) Faces and the top 6" of curbs should be painted yellow to minimize tripping hazard liability.

5.6 ROUNDABOUT

The Airport prefers a single-lane roundabout to improve the intersection at the Roosevelt Boulevard slip ramp and Fairchild Drive to accommodate the increased traffic volumes anticipated with the parking garage. The roundabout is intended to serve as the primary access route for vehicles entering Strawberry Pie Lot. The critical traffic movements that need to be accommodated by the intersection are illustrated in **Appendix A – Sheet 0.2**. A roundabout is preferred to reduce vehicular conflicts, promote a continuous flow of traffic to reduce delays and overall congestion, and improve safety.

The DB is responsible to conduct a traffic analysis using 20-year design traffic volumes to confirm that the criteria are met to justify the construction of a modern roundabout. Design a single-lane roundabout in accordance with Section 213 of the *FDOT Design Manual* and *NCHRP Report 672*. The DB should aim to limit encroachment on FDOT property and should not impacts the existing wet detention pond to the east of the proposed roundabout location.

5.7 STORMWATER DETENTION

The Southwest Florida Water Management District (SWFWMD) initially permitted the Strawberry Pie Lot in 2018 under Environmental Resource Permit (ERP) #1557.069. The current lot includes approximately 0.79 acres of perimeter swales and a 2.2-acre detention pond.

The Strawberry Pie Lot expansion received approval under ERP #1557.082. This permit sanctioned modifications to the previously approved stormwater management system. The permitted activities included paving and expanding the parking lot, enlarging the existing perimeter treatment swale and wet detention pond, and altering the outfall control structure. The proposed expanded wet detention pond covers 3.77 acres, and the swales are relocated along the new pavement perimeter.

As the new garage construction is not expected to increase the overall impervious area, the Airport anticipates using the existing ERP #1557.082 permit for the new design. However, the stormwater system requirements are changing, and the Project must meet the updated Florida Department of Environmental Protection and SWFWMD standards under *FAC 32-330* and the revised *Applicant Handbook Volume 1 and Volume 2* if being permitted after December 31st, 2025. As such, it is expected that the DB will be required to design the project to meet the new stormwater standards and modify or obtain a new permit.

Along with the permitted plans in **Appendix B**, the previously approved permit is included for reference in **Appendix C**.

5.8 LANDSCAPING

The *Pinellas County Code of Ordinances* outlines specific landscaping requirements that applicants must adhere to. The DB is responsible for collaborating with both the Airport and Pinellas County to explore and determine the possibility of obtaining landscaping waivers. Due to the site's close proximity to the airfield, it is critical that landscaping is kept to a minimum to avoid attracting wildlife, which could pose a hazard to

aircraft operations. If landscaping requirements are to be enforced, the DB will coordinate with Airport Maintenance to determine the most suitable location and type of landscaping within the code's allowances. Stormwater ponds and water bodies may be required to be landscaped pursuant to the *Pinellas County Stormwater Manual*.

6. STRUCTURAL

6.1 BUILDING CODES AND STANDARDS

a) Comply with applicable Federal, State, Local, and Industry codes, standards, and regulations in the design and construction of the parking structure. When codes conflict, the most stringent code shall govern.

b) Design in accordance with the *Florida Building Code*, most recent edition (2023) with all amendments. The garage shall be designed as an open public parking garage in accordance with the Building Code.

c) All elements must conform to the *Federal Public Law 101-336*, known as the "Americans with Disabilities Act" which adopted the *2010 ADA Standards for Accessible Design*.

6.2 STRUCTURAL SYSTEMS

a) Foundations: A subsurface investigation for the parking garage site was completed in 2023 as part of the *Pave Strawberry Pie Lot* project and soil borings are documented in the construction plans. Select information from the subsurface investigation includes:

   i. Existing fill consisting of light brown to gray sand with silt was encountered extending to a depth of twenty feet below the surface. Existing fill below approximately 8 feet in depth was found to have limestone fragments.

   ii. Existing fill was observed to have an SPT N-Value between 4 (Firm) and 8 (Stiff).

   iii. The ground water table was encountered at approximately 4 feet in depth. For certain borings, the seasonal high groundwater table was estimated at a depth of approximately 3 feet.

   iv. Bedrock was not encountered in any of borings performed.

   No additional geotechnical information was generated for this document. It is anticipated that the DB will obtain a geotechnical engineer and coordinate necessary due diligence related to site-specific investigation. A subgrade exploration will establish the design criteria for the foundation system and subgrade. It is anticipated that foundation elements will consist of spread footings on improved soil (GeoPiers or equivalent) or cased drilled shafts (caissons).

b) Slab On Grade: The slab on grade for the footprint of the parking garage is to be concrete. Control and construction joints in slab on grade shall be spaced to minimize shrinkage cracking

(approximately 10'-15' on center). Fiber reinforcement may be considered in lieu of welded wire fabric upon review of the site mockup.

c) Super Structure: Based on current market conditions, a pre-cast, pre-stressed concrete structural system is anticipated.

i. Minimize placement of shear walls in locations where they would obstruct pedestrian or vehicle clear lines of sight or create dark or visually hidden spots. Shear walls are prohibited in locations that affect the open garage code classification or conflict with facility function. Shear walls should be located:

1. At the perimeter of the building for shear walls resisting lateral forces in the long direction of the structure.
2. Parallel to the parking stalls for shear walls resisting lateral forces in the narrow direction of the structure.
3. Provide openings for increased sight lines, as permitted by building code, to enhance customer experience, passive security, and safety.

ii. The DB shall demonstrate that volumetric change effects have been accounted for in the design of this exposed structure, and provide closure pour strips or expansion joints accordingly. Volumetric effects include, but are not limited to, seismic displacements, wind displacements, thermal movements, shrinkage, elastic shortening, and creep. One expansion joint is anticipated for the indicated configuration.

iii. Medium broom finish or medium swirl finish is required on all vehicular driving surfaces.

iv. The Airport needs the flexibility to add or modify conduit in the future without having to cut though the structure and without impacting vertical clearance. To enhance flexibility for future conduit installations, block-outs must be provided at the beam/slab interfaces that:

1. Provide a pathway perpendicular to the double tee stem spans allowing passage of conduit flush with the concrete slab soffit.
2. Provide a pathway at span quarter points.
3. Provide an opening area of no less than 25 square inches per block-out.

v. Provide vehicular barriers along the perimeter and along ramp sides. The vehicular barriers are preferred to be precast barrier walls.

vi. Sleeves for fire protection, plumbing, and other miscellaneous items shall be coordinated with those trades.

6.3 DURABILITY

The parking structure shall be designed for a 50-year design life in accordance with the most recent edition of the American Concrete Institute *Guide for the Design of Durable Parking Structures (ACI 362)*. The concrete structure for the parking structure shall meet or exceed the specified characteristics for structures located in durability Zone I. Specific criteria are as detailed below.

a) Concrete mix designs:
   vii. Use 6% +/- 1.5% air entrainment for superstructure members.
   viii. Use chert-free aggregate where possible.
   ix. Silica fume and/or calcium nitrite may be used to densify the concrete and to inhibit corrosion, however the designer is encouraged to review local capabilities.
   x. Use of a plant or site-added superplasticizer for workability is allowed.
   xi. Use fly-ash (minimum = 10%, maximum = 25%) as a supplementary cementitious material for added durability and sustainability.
   xii. Corrosion inhibitor admixture, if used to reduce cover or improve design service life, shall be added at the manufacturer's recommended rate but not less than 2.0 gallons per cubic yard.

b) Precast Concrete: Additional recommendations per ACI 362 are noted for precast/prestressed concrete.
   i. Minimum concrete compressive design strength, f'c = 5,000psi.
   ii. Cover: Typical = 1.5"; Beams = 1.25"
   iii. Hot-dipped galvanized connections for typical connections and/or stainless steel for flange-to-flange connections shall be utilized. Galvanized and stainless-steel components shall not be used in the same connection.
   iv. Following erection, the Precaster shall epoxy inject or rout and seal all cracks in the precast members in coordination with and approval by the structural engineer of record.
   v. Sleeves, connections, and lifting points shall be detailed and patched/protected to prevent deterioration.

6.4 VERTICAL CLEARANCES

The vertical clearance shall be measured from the finished surface to all overhead elements, including, but not limited to, structure, signage, cameras, piping, and conduit.

a) The minimum clear height throughout the first level of the garage shall be thirteen feet six inches (13'-6"). Additional vertical clearance is desired on the ground level to provide future flexibility for use by commercial vehicle, including shuttles and buses.
b) Upper levels of the garage shall have a clearance of seven feet zero inches (7'-0").

c) All van-accessible handicapped parking spaces, including the ingress and egress drive aisles to these spaces must have a minimum clearance of eight feet two inches (8'-2"). All van-accessible ADA stalls may be located on the ground floor.

d) Ensure sufficient clearance is provided under the inverted tees at the passageways to the pedestrian core and the vehicular ramp.

e) The DB shall consider additional construction tolerances when setting floor-to-floor heights.

6.5 CANOPY

Canopies over the top parking level is only to be priced as additional scope and will only be included/implemented should the Airport determine that budget allows. Vehicular canopies should be designed and positioned at all exposed parking to protect vehicles from the weather elements, including sun, rain, and wind. These canopies will be sized and oriented to provide a favorable user experience without interfering with vehicular operations.

7. ARCHITECTURAL

7.1 FAÇADE

The DB shall make efforts to minimize or eliminate horizontal surfaces that could be an opportunity for bird nesting. The DB should coordinate with the Airport to define the façade scope based on the available budget. If the budget permits, the façade design should prioritize the prominent south and east-facing facades, as these are the most noticeable for travelers arriving at the garage and those traveling along Roosevelt Boulevard.

Suicide prevention elements (taller roof parapets, sloped spandrel tops, signage, softening of the building hardscape with awnings and landscape, etc.) should be incorporated into the design. Designers are encouraged to suggest other ideas to aid in suicide prevention.

7.2 FUTURE EXPANSION

The structure is not anticipated to be expanded in the future. However, the structure should be designed to allow for future commercial vehicle operations on the ground level.

7.3 VEHICULAR CIRCULATION

Primary vehicle vertical circulation will be provided via a single, two-way express ramp located on the west side of the garage structure. A two-way express ramp is preferred to simplify the user experience and facilitate easier stall searching by enhancing visibility to upper levels. Additionally, this configuration results in cost savings due to the construction of a single ramp structure, as opposed to multiple ramps or helices. This placement also isolates the heaviest vehicular traffic from the pedestrian core, thereby improving overall facility safety.

a) Limit express ramp slopes to a maximum of 12 percent.

b) Provide landings at each level to facilitate smooth transitions between the ramp and the floor plate.

c) A ten-foot long transition ramp with a slope equal to one-half of the change in slopes shall be provided at the bottom and top of all speed ramps with a slope of ten percent or greater.
d) Parking is not permitted on express ramps.
e) Provide access from every level to the up ramp. Provide access from the up ramp to every level to circulate from a lower level to an upper level.
f) Provide access from every level to the down ramp. Provide access from the down ramp to every level to circulate from an upper level to a lower level.
g) Provide precast vehicular barriers along the ramp sides.

7.4 PEDESTRIAN VERTICAL CIRCULATION

The parking garage will feature a centralized pedestrian vertical circulation core located on the east side of the structure. This strategically placed core intends to minimize the average walking distance for both garage and surface parking users, as it will serve as the primary shuttle stop. This vertical circulation core will be equipped with both elevators and stairs to accommodate a variety of users. Additionally, egress stair cores will be placed at each garage corner to meet minimum egress travel distance requirements, while reducing the impact to stall capacity.

a) Lobbies shall be provided at stairs and elevator landings on each level that is clear of vehicular areas and adequately sized for pedestrian traffic queuing and waiting.
b) Lobby area shall be protected from the vehicular movement areas with bollards.
c) The top story of the garage shall have a canopy and wind break for weather protection at the lobby area of the elevator and stair core.
d) Provide enhanced lighting and pedestrian wayfinding. Lobbies are not required to be enclosed and conditioned.

7.5 SHUTTLE SHELTERS

Shuttle shelters shall be strategically located on the site to ensure convenient pick-up and drop-off points for passengers. The primary shuttle shelter will be located within or directly adjacent to the garage's pedestrian core. To optimize efficiency, a convenient shuttle route will be established, and the number of shuttle stops will be minimized. The design requirements for the shuttle shelters encompass the following specifications:

a) The shuttle shelters should be positioned such that no passenger has to walk more than 500 feet from either the surface parking lot or the parking garage to a shuttle shelter.
b) Position all shuttle shelters to provide passenger loading on the right side of the vehicle.
c) Provide a dedicated waiting area within the shuttle shelter that can comfortably accommodate up to ten customers, taking into consideration space for passengers' luggage.
d) The shuttle shelters must provide coverage from rain, wind, and other adverse weather conditions.

e) An accessible path, compliant with ADA standards, must be provided to the shuttle shelters. The path should be wide enough to accommodate passengers using wheelchairs, strollers, or luggage carts.
f) Install adequate lighting throughout the shuttle shelter and surrounding areas to ensure visibility during nighttime operations.
g) Surveillance cameras should be strategically placed to cover the entire shuttle shelter area, enhancing security and safety for passengers.
h) Include seating options for passengers, such as benches or individual seats, to enhance comfort while waiting.
i) Provide electrical and communications/data infrastructure to allow for the future installation of real-time information displays. These displays should be able to provide passengers with up-to-date information on shuttle schedules, routes, and any relevant airport announcements.
j) Establish clearly marked zones for passenger pick-up and drop-off.
k) Install pedestrian signage to guide passengers from the parking areas to the shuttle stops.
l) The shuttle route must have adequate turning radii to accommodate the maneuverability of the shuttle buses.

7.6 ELEVATORS

The pedestrian vertical circulation core shall provide a minimum of two elevators. The DB should consider additional queuing analysis to determine whether more than two elevators is necessary. The Airport's elevator core requirements include:

a) Use a minimum of 3,500 lbs. cabs with side opening doors. Glass backed elevators are not desired.
b) Elevators cabs shall be air-conditioned to maintain comfortable operating temperatures.
c) Use rigidized stainless-steel walls to minimize vandalism.
d) Heat and cool all elevator machine rooms and hoistways if machine room-less traction elevators are used. However, heating and cooling may be limited to the elevator controller if the selected equipment can consistently maintain required operating temperatures and all applicable fire and damper ratings are upheld.
e) Trailing cables should have capabilities of telephone, security, audio and CCTV.
f) Elevator preference is a non-propitiatory machine room-less traction elevator. If this elevator type is used, accommodations for hoistway cooling will be required.
g) Flooring at elevator landings should be coated with durable coating for ease of cleaning, maintenance, and aesthetics.
h) Use vandal proof elevator buttons and other associated hardware.
i) The elevator manufacturer shall provide on-site training and maintenance overview for Airport staff.

j) Provide elevator pit ladders.

k) Elevator vestibules can be open, but the door thresholds should be protected from the weather including blowing rain. An open cover/canopy is required at the roof.

7.7 STAIRS

Stairs are required at various locations around the parking garage floor plate to meet egress travel distance requirements. Stair requirements include:

a) All stairs and landings shall be constructed of precast concrete with sandblasted nosings and a non-slip floor finish.

b) Stair treads shall provide a high traction surface and provide visual contrast (light-on-dark or dark-on-light) on tread nosings.

c) Where paint is provided on the interior walls and/or ceiling, paint or stains shall be easy to clean and maintain. No flat finishes are acceptable.

d) Stairs should be designed with Crime Prevention Through Environmental Design (CPED) methods in mind.

e) Provide bollards to prevent vehicles from inadvertently entering stairs.

f) Provide painted galvanized steel or powder coated aluminum guardrails and handrails.

7.8 SIGNAGE AND WAYFINDING

An identification system, for both vehicles and pedestrians, consisting of floor graphics, column and wall graphics and signage, shall be incorporated into the design of the parking structure. The final designs and materials must be incorporated into the documents and approved by the Airport during the design process. The following are categories identified as baseline wayfinding design goals and objectives:

a) Vehicular Wayfinding

i. PARCS signage. See Section 13.1 Parking Access and Revenue Control System.

ii. PGS signage. See Section 13.2 Parking Guidance System.

iii. Building identification signage.

iv. Monument signage at approach.

v. Clearance signs and bars upstream of each garage entry to identify facility vehicle clearance.

vi. Directional signage for additional parking and identification of exits.

vii. Directional signage toward accessible parking, electric vehicle (EV) charging, etc.

viii. Signage and pavement markings for accessible parking as required by code.

ix. Direct vehicles north, south, and west to reduce pedestrian and vehicular conflicts near the elevator core.

x. Level and row identification signage.
xi. Traffic control signage (e.g. Stop, Yield, Do Not Enter, etc.), as needed.

b) Pedestrian Wayfinding
   i. Elevator and stair identification signage.
   ii. Directional signage to the shuttle location along safe pedestrian routes.
   iii. Public safety and emergency information signage.
   iv. Exit signs and tactile signage as required for identification of the exit per code.
   v. Provide code required room signage.

Technical signage requirements include:

a) Provide all signage in English and use pictograms in lieu of second or multiple languages.
b) Coordinate the row and level identification scheme with the Airport.
c) Use consistent background colors for all signage.
d) Plate metal signs shall be aluminum with minimum sheet thickness of 0.125 inches.
e) Plate metal signs shall be securely anchored to the structure with Hilti Metal HIT anchors or similar vandal proof anchors. Adhesives are not acceptable as the sole source of connection. Do not mount directly to precast double tee stems.
f) Headache/clearance bars shall have a 6" minimum diameter.

In addition to signage provided on the project site, the project will include the addition and modification of directional signage to the Strawberry Pie Lot from the FDOT and Airport roadway system. New signage should reflect updated names for the parking facilities, as agreed upon in coordination with the Airport. This signage will need to be coordinated with FDOT and the Airport.

7.9 WATERPROOFING

The Airport desires waterproofing to enhance the durability and functionality of the parking garage. The waterproofing requirements include:

a) Traffic bearing membranes shall be applied over conditioned/occupied spaces or any rooms housing equipment such as the mechanical/electrical room. This area shall receive a traffic coating that extends two feet minimum beyond the limits of the room below.
b) Seal control joints, construction joints and coves with a two-component polyurethane sealant rated for traffic.
c) Provide membrane roofing over elevators and stair towers. Liquid-applied waterproofing may be considered for stair towers only.
d) Provide a heavy-duty traffic coating membrane waterproofing system over room spaces. Installation of the waterproofing should be by a manufacture's certified installer.

e) Install a low volatile organic compound, 100% solids penetrating concrete silane sealer to the roof level directly exposed to exterior elements.

f) Provide below grade waterproofing behind walls and at the elevator pit(s), including waterstops at construction joints. Provide vapor barriers and/or a sub-slab draining system for the slab on grade per the structural drawings and the geotechnical report requirements and recommendations.

g) Warranty periods:

i. Traffic coatings shall be covered by a minimum five plus five year joint and several warranty (manufacturer and installation contractor).

ii. Sealers, sealants, and expansion joints shall be covered by a minimum five year joint and several warranty (manufacturer and installation contractor).

iii. Roofing and split slab waterproofing system shall be covered by a minimum twenty year joint and several warranty (manufacturer and installation contractor).

7.10 ROOMS

Electrical, communications, and other rooms are required throughout the parking garage to serve various systems:

a) Provide one main electrical room. Electrical room shall be sized for electrical service section and distribution panels and emergency generator. Provide additional space in rooms for future electrical panels for EV charging equipment and photovoltaic electrification equipment.

b) Provide one main IT/communications room to store PARCS, PGS, access control, and security system head-end equipment. Any security system technology shall be enclosed with additional access control.

c) Provide electrical and IT closets on alternating floors as required for distances.

d) Provide a storage room under the express ramp for miscellaneous parking operator equipment and supplies.

e) Provide a sprinkler riser/fire pump room on the ground level.

f) Provide card access security system readers for access to all rooms.

g) A restroom is only to be provided at the Exit Plaza for staff. No public restrooms will be provided at the parking garage.

7.11 EQUIPMENT

a) Space shall be allocated for trash and recycling cans at the elevator lobby on every level. The placement of trash and recycling cans should not encroach on the required egress widths or access to the stairs/elevators.
b) Fire extinguishers at the elevator lobby and throughout garage shall meet code spacing requirements.
c) Install one Automated External Defibrillator (AED) on each level at the elevator lobby of the garage.
d) Provide crash-rated galvanized steel pipe bollards to protect equipment and establish safe areas for pedestrians where applicable. Space bollards no wider than five-feet on-center. Non-crash rated bollards do not have to be concrete-filled.
e) Vending machines are not expected to be incorporated.
f) Luggage carts are not expected to be incorporated.

8. ELECTRICAL

8.1 LIGHTING

Existing lighting will be removed by Duke Energy. The new project lighting will require a new agreement with Duke Energy. The DB will procure and install new lights per Duke Energy's specifications.

Provide an energy-efficient lighting system for all indoor and outdoor illumination. Provide, at a minimum, illumination levels that meet or exceed the current recommendations of the Illuminating Engineering Society of North America (IENSA) for the design and maintenance of the parking facility.

a) Provide a point-by-point foot candle (fc) photometric analysis to illustrate the design intensity levels at each level of the parking structure and in the surface parking area.
b) Provide LED lighting that is energy-efficient, aesthetically pleasing, resilient, and cost effective.
    i. Exterior rated fixtures rated IP65 minimum.
    ii. Use tamper-proof fasteners and vandal resistant fixtures.
    iii. Include dimmable ballasts for covered and roof level light fixtures.
c) Average illumination levels, measured at the floor, will be provided to include:
    i. 5 foot-candles for driving aisles and parking spaces.
    ii. 15 foot-candles at lobbies, stairwells, and crosswalks.
    iii. 15 foot-candles at shuttle loading and unloading area.
    iv. 20 foot-candles at entry and exit plazas.
    v. 40 foot-candles at interior/exterior transition areas.
d) Provide a central lighting control system to operate and manage all parking garage lighting.

i. Incorporate lighting control panels with dimming capabilities for control of lighting based on time of day and outdoor ambient light level.
ii. Occupancy sensor lighting, which automatically turn on or off the lights based on whether the area is occupied is not desired.

e) Provide emergency power for emergency and egress lighting within the parking garage.

8.2 ELECTRIC SERVICE

The electric service will be provided from a new distribution circuit and a new utility transformers on the south side of the proposed site.

a) Main electrical service will be provided at 480/277V from the utility transformer to a main distribution switchboard located in the main electrical room.
b) The new transformer shall be located in coordination with Duke Energy to ensure adequate access is provided from the roadway for maintenance activities.
c) Provide pad and grounding to utility company standards.
d) Use underground concrete encased conduit runs from the service transformer to the main distribution switchboard.

8.3 POWER DISTRIBUTION

a) Provide an interior distribution system consisting of insulated conductors in conduit.
b) Locate all power distribution equipment in the main electrical room.
c) All equipment shall be arranged for maximum service access, while reserving space for future equipment.
d) Provide quantities of lighting panels as needed to serve lighting loads. All lighting panels shall be rated for 225A minimum at 480/277V and contain a minimum 25% spare capacity and circuit breaker mounting space.
e) Provide quantities of power panels as needed to serve the general power loads. Provide 208/120V, 3-phase, 4-wire panels to serve the general power loads. All power panels shall be rated for 225A minimum at 208/120V and contain 25% spare capacity and circuit breaker mounting space.
Emergency Power Supply System

The parking garage should include multiple emergency power supply systems to provide power to select systems when normal power is interrupted. Emergency power systems will consist of a generator and uninterruptable power supply (UPS) units.

a) The generator standby power system shall consist of a diesel generator, fuel tank, batteries and charging system, and generator control inside of an environmental enclosure.

b) Size generator(s) to supply emergency power for 100 percent of the code required stand-by loads, 100 percent of the Airport required stand-by loads, and 30 percent spare capacity.

c) Segregate emergency power according to code-required generator load pick-up and load classification.

d) Provide emergency and standby power to the garage for the following loads, at a minimum:

i. Code-required life safety and standby loads
ii. Elevator system
iii. Emergency and egress lighting
iv. Parking access and revenue control equipment
v. Telecommunications room equipment
vi. Fire suppression system equipment
vii. Fire detection and alarm system
viii. Building management system
ix. Building security system equipment

e) Provide UPS backup systems for communications and security equipment and systems as required by the Airport. UPS backup systems may be provided by a centralized UPS within the main electrical room or rack-mounted UPS systems within the telecommunications room.

9. PLUMBING

The parking garage will have a plumbing system that includes a stormwater collection system, sanitary sewer collection system, and a domestic water distribution system. The DB must provide plumbing systems with the features and capabilities to meet code requirements. The DB shall coordinate all plumbing system services with the Airport during the design phase.

The plumbing system design shall be coordinated with other building systems, such as fire protection, mechanical, and electrical systems. Proper integration ensures that plumbing fixtures, pipes, and equipment are strategically placed to minimize conflicts with other systems and maximize overall efficiency.

9.1 DRAINAGE

Provide storm and sanitary drainage systems to handle the drainage needs of all floors of the parking garage. General requirements for drainage include:

a) All floor surfaces shall be positively sloped for drainage by a slope of approximately 1 ¼% (preferably closer to 2%) in any direction at any point. Care must be taken in a precast system to consider the residual camber of double-tees. Furthermore, warping stresses of the members should be minimized. The DB shall be responsible to see that all water positively drains to the drainage system. Care must also be taken in areas of accessible parking spaces and aisles where the maximum slope is 2%.

b) Scupper openings shall be provided at the base of the shear walls, where applicable, at each level to allow drainage through the wall to the adjacent area drain.
c) Drain heads should be large with large net free areas. Use sediment buckets where possible. Minimum 6" deck drain pipes with no 90-degree connections and no pipes less than 6" diameter.
d) Avoid placing floor drains in driving aisles, along vehicular tire paths, and in pedestrian traffic areas.
e) Include an accessible clean-out on each floor for each vertical riser.
f) Provide lockable deck drain covers to prevent vandalism.
g) The stormwater collection system for the garage will collect runoff from the roof level. The system will discharge into the site civil stormwater drainage system. Specific requirements for the roof level stormwater system include:
    i. Size roof drains and overflow drains for the 100-year rainfall record.
    ii. Appropriately space roof drains to capture rainwater and eliminate ponding.
h) Connect all condensate lines from HVAC systems and elevator sump pump discharge within the parking garage to the sanitary sewer drainage system. In lieu of extending the sanitary connection through the garage, alternative drainage solutions may be considered, subject to approval by the Authority Having Jurisdiction.
i) Provide a sanitary sewer connection to the restroom at the exit plaza cashier booth.

9.2 PIPING

Route all plumbing in an orderly and logical manner.

a) Vertical risers will be located along side structural columns. Vertical pipe risers will not be permitted on the exterior perimeter of the garage.
b) Route horizontal piping such that the required minimum clearance is not reduced.
c) Coordinate proposed plumbing penetrations through structural elements with the structural design.
d) Provide galvanized and painted bumper guards at all plumbing leaders, downspouts and exposed electrical conduit. Guards should allow maintenance of the elements but provide strike zone protection from 9" to 30" above the finished floor.
e) All pipe insulation should be protected with aluminum jackets to prevent damage from birds.

9.3 DOMESTIC WATER

The parking garage requires a domestic water service for floor and structure cleaning and wash down.

a) Air chamber, dead-legs, or any other piping arrangements that may allow water to stagnate are not allowed within the domestic water system.
b) Domestic water piping is not permitted within the electrical or telecommunication rooms.

c) Provide 1 ½" diameter minimum wash down hose bibs on each floor. System shall be designed to be manually drained down.
d) Locate hose bibs at all stair and elevator core locations throughout the parking garage.
e) Line shut-off valves must be coordinated with the Airport maintenance department and provided at locations required for proper operation, servicing, and troubleshooting of the domestic water distribution system and connected components.
f) Provide domestic water connection to all restroom fixtures at the exit plaza cashier booth.

10. FIRE PROTECTION

The DB must provide fire protection systems with the appropriate features and capabilities to meet code requirements and standards included in *NFPA 88A* and *NFPA 14*. The final definition of the parking garage fire protection requirements must be coordinated with the St. Pete-Clearwater International Airport Fire Department.

a) Automatic Sprinkler System:
   i. Provide a fully automatic sprinkler system. Automatic fire sprinkler shall be hydraulically calculated with design for the supply pressure plus a minimum of 10% but not less than (7PSI) below the supply curve.
   ii. Dry-pipe sprinkler system shall be installed and designed to deliver discharge densities.
   iii. Coordinate sprinkler pump room location with the Fire Department.
   iv. Sprinkler riser room shall be protected with one hour fire resistive assemblies.
   v. Coordinate proposed automatic sprinkler system penetrations through structural elements with the structural design.
b) Fire Alarm, Detection, and Suppression Systems:
   i. The parking garage requires a fire detection and alarm system for the electrical room, telecommunication rooms, elevator core/lobby, elevator shafts, and any other locations required by code.
   ii. Provide a central fire alarm control panel in a ground level room.
   iii. Provide electrical rooms, telecommunications rooms, and elevator shafts with addressable smoke detector and duct smoke detectors, where HVAC ductwork is provided.
   iv. Provide elevator core/lobby with addressable heat detectors.
   v. Provide elevators with recall to Level 1 if a fire is detected in the facility.
   vi. Manual alarm boxes will be provided as required by code.
   vii. Provide fire extinguishers in areas easily visible to the public. Mount fire extinguishers and required signage to structural columns or room walls.

11. MECHANICAL

It is required to maintain an openly ventilated parking structure to minimize the need for mechanical ventilation. Provide packaged terminal HVAC equipment for specialized spaces within the proposed parking structure that require cooling, electric heaters for spaces that require heating only, and an exhaust fan and louver systems for ventilation as required.

12. SAFETY AND SECURITY

12.1 CRIME PREVENTION THROUGH ENVIORNMENTAL DESIGN (CPTED)

Design should consider passive security systems including, but not limited to, the following designs/ components:

a) Openings shall be incorporated into any enclosures (other than electrical, telecommunications, and storage rooms) or walls and stair towers to allow clear visibility not only from the inside out, but from the outside in.
b) Provide openness to allow maximum natural light.
c) Minimize interior walls or corners which might be perceived as areas where people can lurk, and which will also minimize sight line obstructions for drivers.
d) Use a well-lit and well-distributed lighting system.

12.2 VIDEO MANAGEMENT SYSTEM (VMS)

The video management system will provide for the safety of Airport customers, enforce security of the facilities, and assist operations. Closed circuit television (CCTV) cameras should monitor each vehicular entry/exit location, each pedestrian entry/exit location, rooms, shuttle shelters, and each stair/elevator lobby. Additional cameras may be considered throughout the garage and surface lot at strategic locations for additional safety. The proposed cameras shall match the existing equipment used at the Airport and must be integrated into the Airport's overall video management system.

12.3 ACCESS CONTROL SYSTEM

Electronic access control will be utilized for all locations which require a higher level of security and tracking of access. Proximity readers will be deployed, utilizing the existing PIE proximity card format and the latest card format technologies to allow for migration to newer, more secure formats in the future. Access control hardware located at doors will be locally cabled to a consolidation point on the secure side of the door allowing for easier maintenance and future replacement of door hardware. Cabling should be routed from the consolidation point at each door to a centrally located access control system panel. The proposed access control equipment shall match the existing equipment used at the Airport and must be integrated into the Airport's overall access control system.

12.4 EMERGENCY PHONES

Security phones (call for assistance or blue light) are to be located adjacent to each of the stair towers and elevator core on each level and at the shuttle stops. Call for assistance stations shall have blue or other acceptable lights. Each station, when activated, should allow for two-way communication. The system shall ring the local officials as coordinated with the Airport. The system should have a one-year warranty for full maintenance and service.

13. PARKING TECHNOLOGY

13.1 PARKING ACCESS AND REVENUE CONTROL SYSTEM (PARCS)

All parking equipment items are required to be compatible with the Airport's existing parking system and must be integrated by the Airport's parking vendor. The DB is expected to subcontract and coordinate with the PARCS team selected by the Airport for infrastructure needs in relation to the required equipment. The DB shall design, provision, and install any necessary power and communications infrastructure for the PARCS equipment locations. The expected PARCS scope is outlined in general below:

e) The PARCS must support customer payment functionality including:
   i. Ticket – Patrons can pull a ticket to gain entry. Patrons can prepay using a POF station. The prepaid ticket is then read by the exit equipment to leave the facility.
   ii. NFC/Credit card reader (credit card in) – Patrons can use a credit card or mobile device in lieu of pulling a ticket to gain entry. Patrons can use the same credit card or mobile device used at entry to exit.
   iii. Barcode/QR code – Prepaid or parking reservation patrons can enter and exit using a printed reservation or mobile phone displaying a QR code.
   iv. Cash – Provide one exit lane with a cashier booth to allow customers to pay with the assistance of a parking attendant.
   v. AVI transponder – Parking patrons can obtain an AVI transponder from the Airport and establish an appropriate payment account. Parking patrons can enter and exit with a valid AVI transponder and account.
   vi. Employee parking card – Employee parkers can enter and exit with a valid PIE provided employee proximity card.
   vii. Automated license plate recognition cameras – Parking patrons can register license plate with the Airport and establish an appropriate payment account. Cameras will identify parking patron license plate and allow entry with a valid account. If patron has prepaid using a POF station the gate shall open automatically without the need for the patron to present a paid ticket.
f) Anticipate one pay-on-foot (POF) station per parking level, located at the elevator core.
g) The following PARCS equipment shall be installed at each lane, at a minimum:
   i. Barrier gate

ii. Entry/exit column
iii. Proximity card reader
iv. ALPR cameras
v. AVI reader
vi. Intercom
vii. Pinhole camera
viii. Inductive loops
ix. UPS battery backup for each lane.

h) Protect entry and exit lane equipment from vehicle impact. Provide vehicle protection both upstream and downstream of the vehicle travel direction.

i) The PARCS system must allow the Airport to change the parking pricing structure and the parking rates on demand.

13.2 PARKING GUIDANCE SYSTEM (PGS)

The DB must provide a PGS as an alternative option. This should be accounted for in the alternate pricing. The DB would be expected to subcontract and coordinate with the PGS team selected by the Airport for infrastructure needs in relation to the required equipment. The general scope of the PGS should include:

a) PGS shall be camera-based to provide facility and level availability/occupancy for the garage.
b) PGS shall be camera based to provide facility availability/occupancy for the surface lot.
c) Digital signage at the following locations:
   i. Entrance to each level indicating space availability
   ii. Monument sign between the entry plaza and the parking garage indicating space availability for each level, including the surface lot.

14. SUSTAINABILITY

14.1 ELECTRIC VEHICLE CHARGING

The Airport has limited interest in installing EV charging equipment. As of the time of this document, EV equipment was an optional site element in the code. The DB must verify that the latest local design codes do not mandate EV charging. Alternatively, the DB should provide pricing for providing ten EV-ready spaces for Level 2 EV chargers in the surface parking lot only. The EV-ready stalls shall be located on the far east side of the parking lot. Space shall be reserved to allow for the mounting of a canopy over at least two of the EV-ready stalls.

14.2 PHOTOVOLTAIC (PV) SYSTEM

The Airport desires the ability to install PV energy generation systems on the roof of the parking garage in the future. Electrical systems, distribution equipment, and conduits shall be planned to accommodate these systems. Unless otherwise directed by the Airport, the DB must design the structural system to accommodate the structural loading of a future PV system above the full footprint of the top level of the garage.

15. ADDITIONAL PROJECT SCOPE ADD-ONS

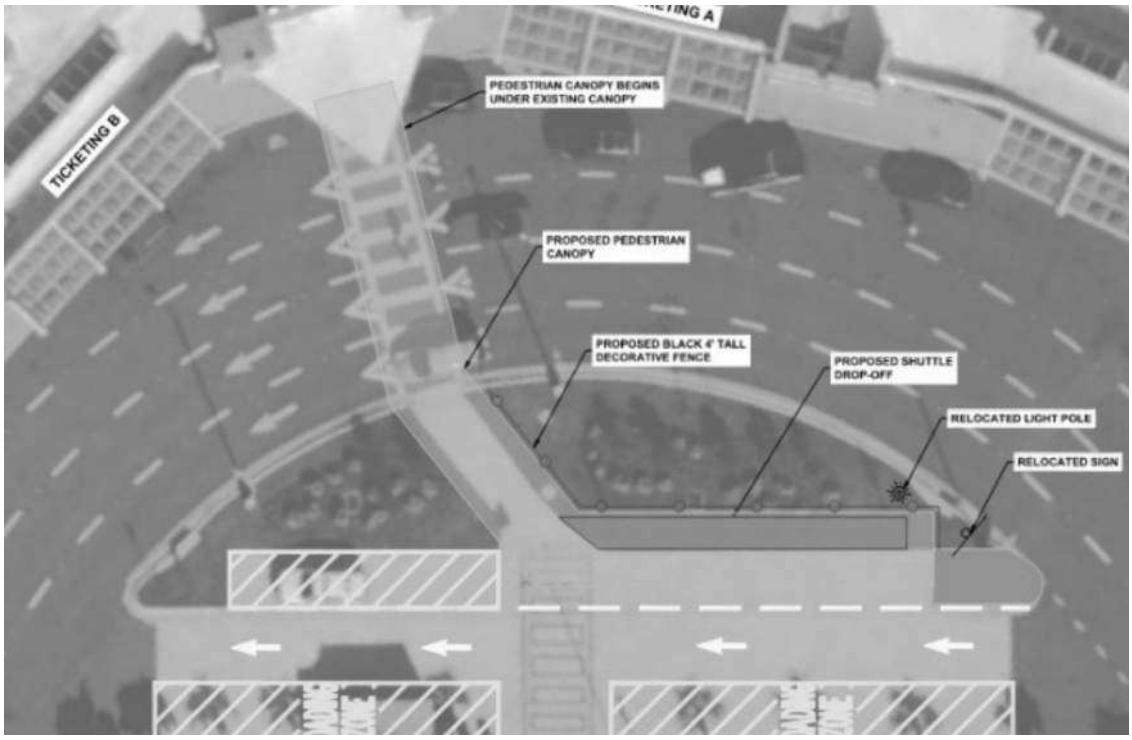
In coordination with the Airport, several additional scope items have been identified for inclusion in the project. These items are located outside the primary garage project site and are proposed as alternates. Their implementation is contingent upon the Airport's ability to secure additional funding.

15.1 TERMINAL AREA SHUTTLE DROP-OFF AND PICK-UP STOPS

Enhancements will be made to the terminal curbside to improve shuttle drop-off and pick-up operations. The proposed drop-off zone will be situated in the current delivery and police vehicle area. Planned modifications include minor pavement adjustments, updated striping, and the installation of a canopy covering both the loading zone and the crosswalk leading to the terminal. A conceptual schematic provided by Finfrock is illustrated in **Figure 2**.

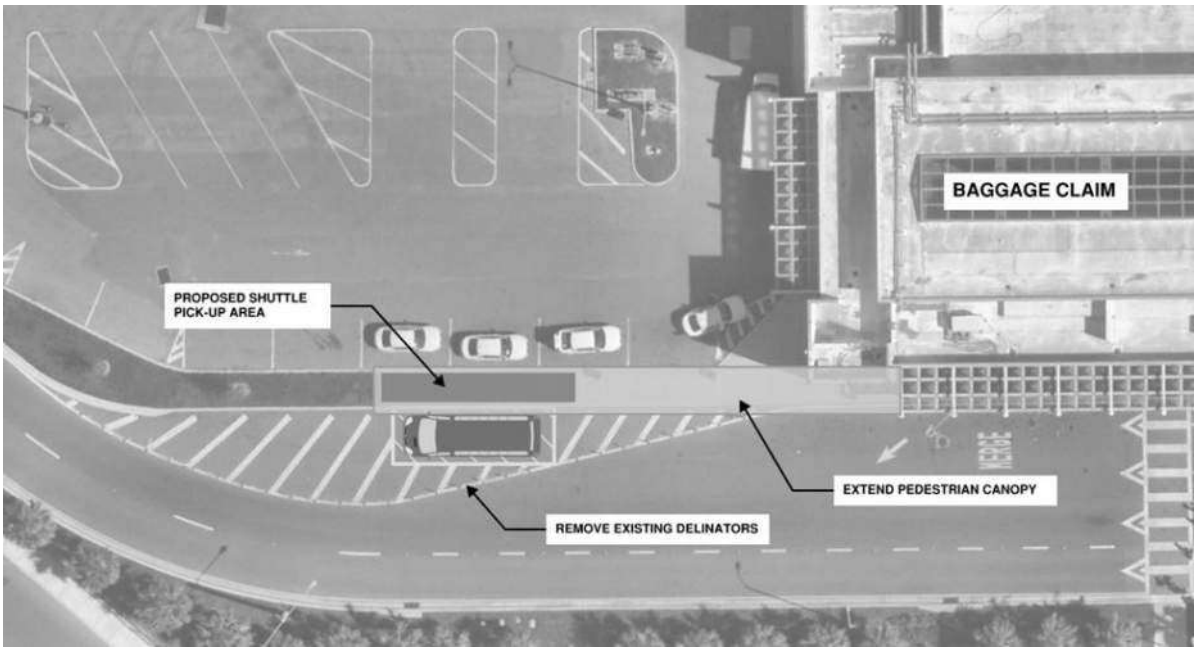
The proposed shuttle pick-up zone will be located at the southwest end of the existing terminal curbside. Planned improvements include extending the current canopy and sidewalk, updating pavement striping, installing benches for waiting passengers, and removing the existing delineators. A conceptual schematic of these enhancements is shown in **Figure 3**.

Figure 2: Proposed Modifications to Terminal Shuttle Drop-Off Location



SOURCE: FINFROCK, AUGUST 2025.

Figure 3: Proposed Modifications to Terminal Shuttle Pick-Up Location



SOURCE: KIMLEY-HORN, SEPTEMBER 2025.

15.2 PAVE OVERFLOW LOT

This alternate scope includes executing the design for paving the Overflow Lot. The design was originally developed as part of the unbuilt *Pave Strawberry Pie Lot* project. Refer to the previously issued design package for detailed scope information.

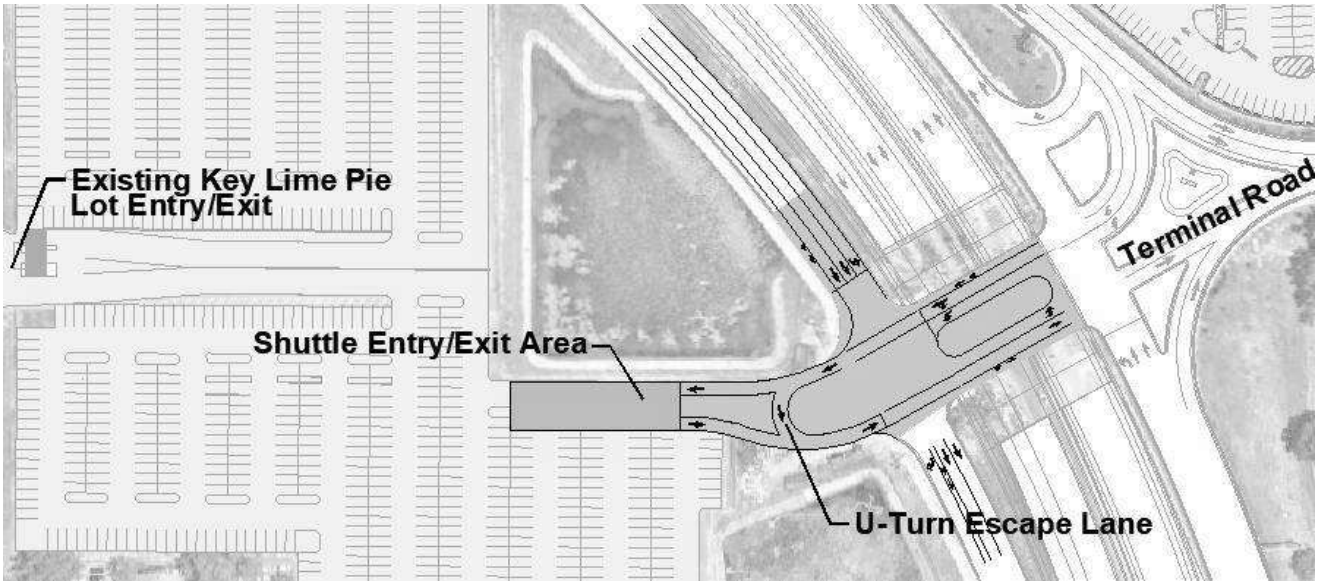
15.3 KEY LIME PIE LOT SHUTTLE ENTRANCE

This alternate includes the construction of a direct roadway connection between Roosevelt Boulevard and the east side of the Key Lime Pie Lot. The primary objective is to establish a shorter and more efficient shuttle route between the terminal and the Key Lime Pie Lot. A conceptual schematic from a previous planning study is provided in **Figure 4**.

The scope of work is anticipated to include:

a) Installation of a new pavement section linking the existing roadway to the Key Lime Pie Lot.
b) Incorporation of a U-turn feature within the pavement area to accommodate vehicles that mistakenly enter the driveway without authorized access.
c) Installation of parking access control equipment to facilitate shuttle ingress and egress. Full PARCS functionality for public parking is not required.
d) Coordination with FDOT to modify the existing traffic signal controller and install new signal heads as needed to support the revised shuttle movements.

Figure 4: Key Lime Pie Lot Shuttle Entrance



SOURCE: KIMLEY-HORN, DECEMBER 2021.

16. APPENDICES

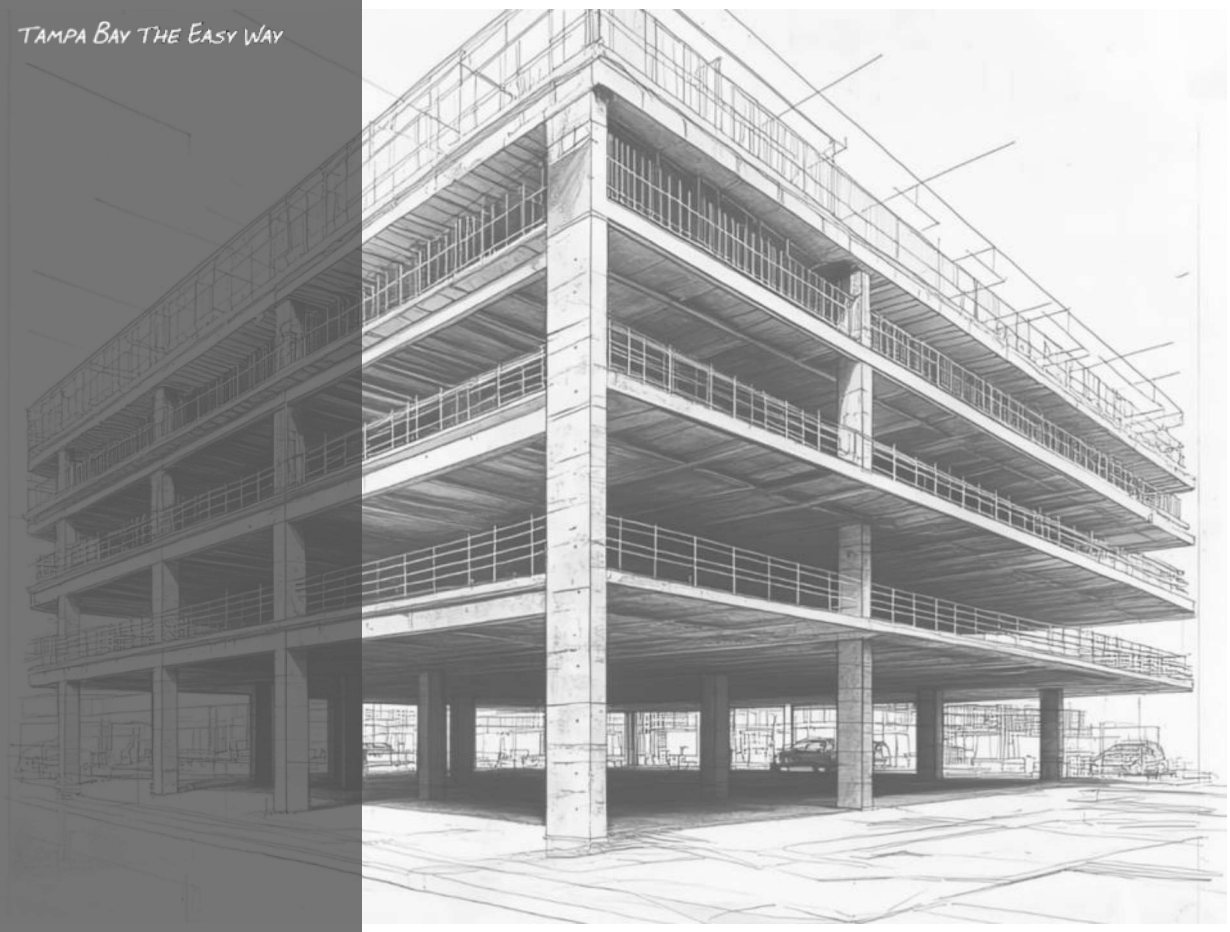
APPENDIX A – STRAWBERRY PIE GARAGE CONCEPT DRAWINGS

APPENDIX B – PAVE STRAWBERRY PIE LOT CONSTRUCTION PLANS

APPENDIX C – ERP #1557.082 PERMIT

St. Pete-Clearwater International

TAMPA BAY THE EASY WAY



Appendix A

STRAWBERRY PIE GARAGE CONCEPT DRAWINGS

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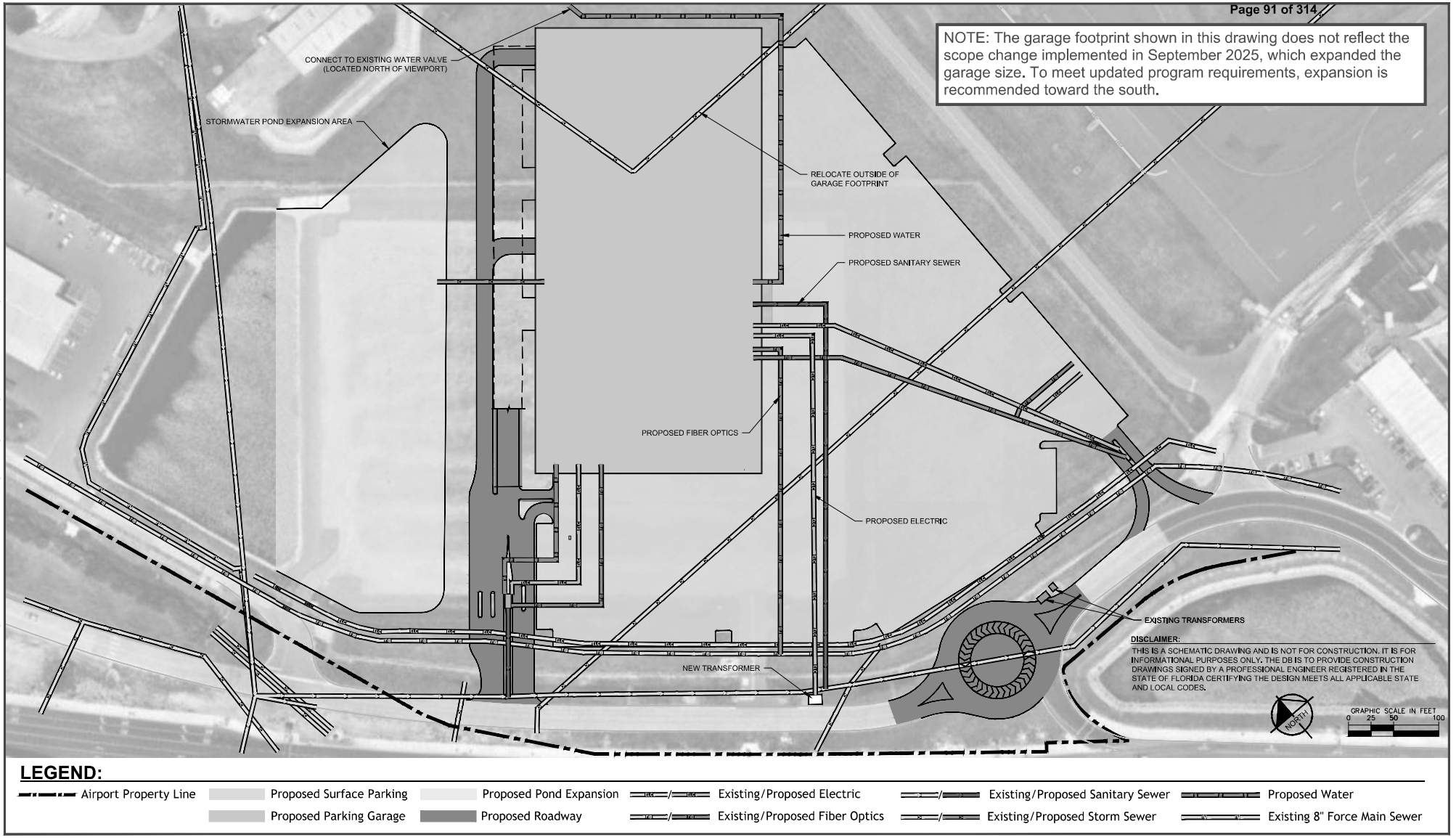

LEGEND:

Airport Property Line | Proposed Surface Parking | Proposed Parking Garage | Proposed Pond Expansion | Proposed Roadway | Existing/Proposed Electric | Existing/Proposed Fiber Optics | Existing/Proposed Sanitary Sewer | Existing/Proposed Storm Sewer | Proposed Water | Existing 8" Force Main Sewer

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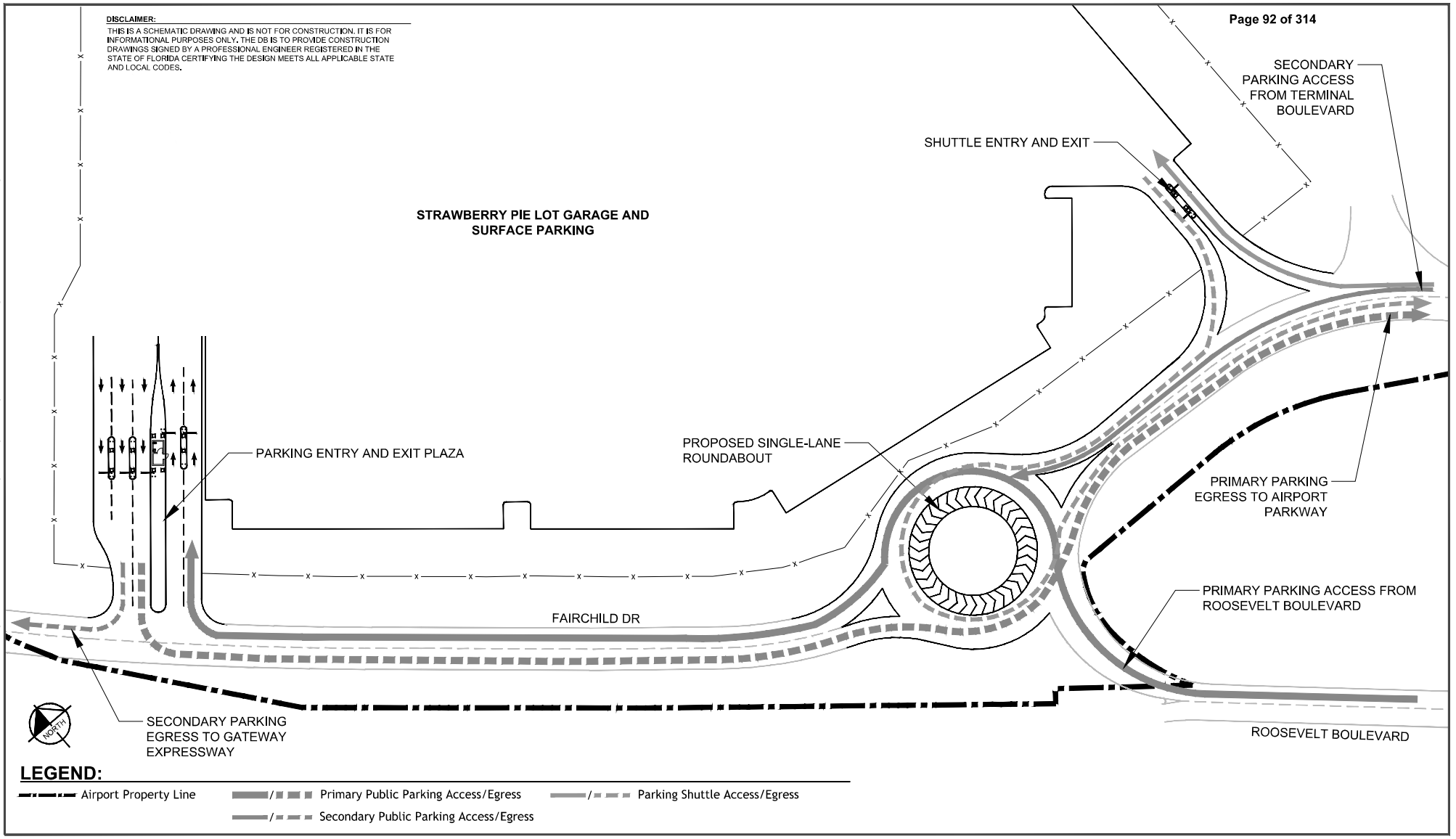

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KEYNOTES LEGEND:

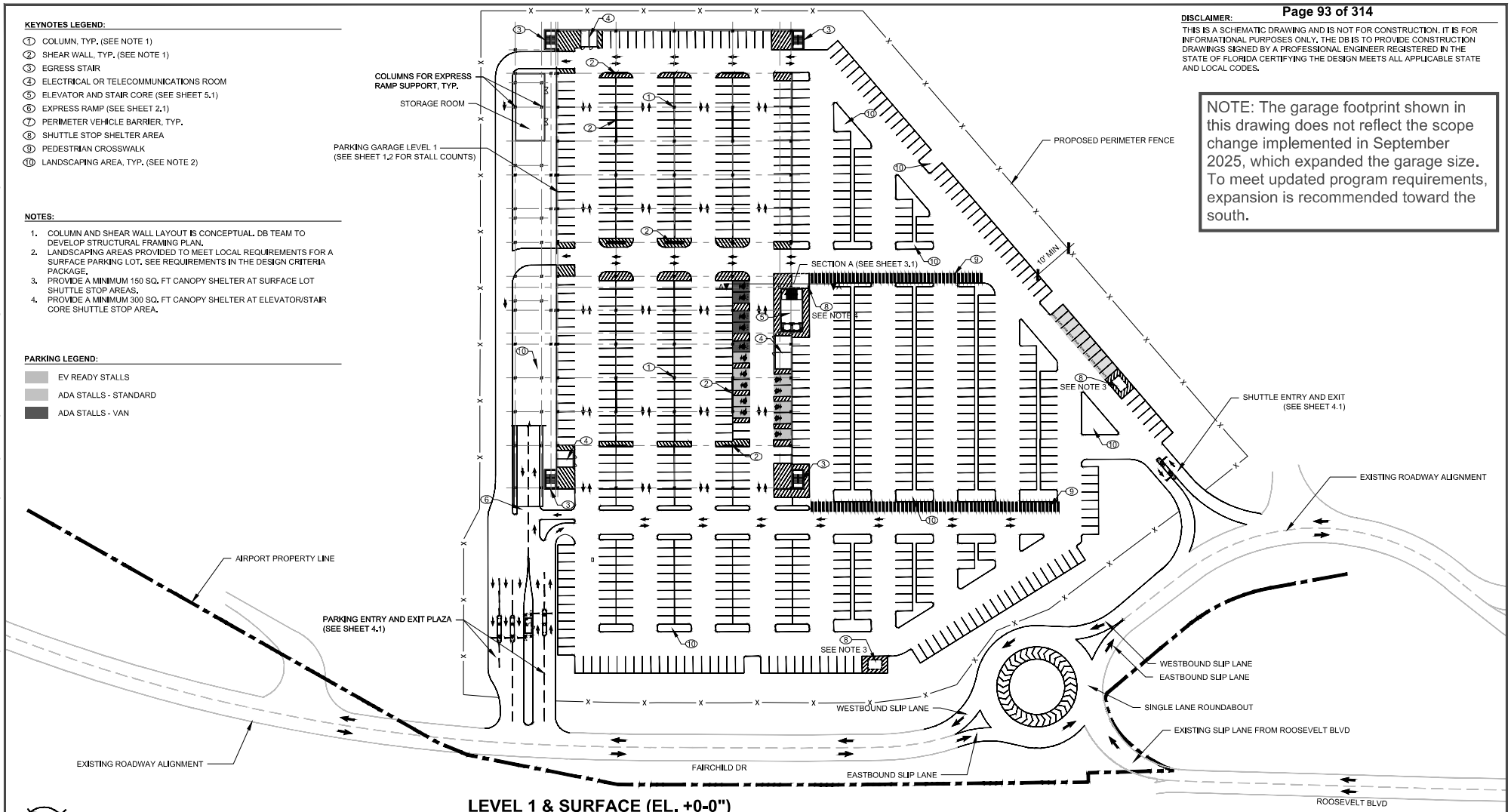
1. COLUMN, TYP. (SEE NOTE 1)
2. SHEAR WALL, TYP. (SEE NOTE 1)
3. EGRESS STAIR
4. ELECTRICAL OR TELECOMMUNICATIONS ROOM
5. ELEVATOR AND STAIR CORE (SEE SHEET 5.1)
6. EXPRESS RAMP (SEE SHEET 2.1)
7. PERIMETER VEHICLE BARRIER, TYP.
8. SHUTTLE STOP SHELTER AREA
9. PEDESTRIAN CROSSWALK
10. LANDSCAPING AREA, TYP. (SEE NOTE 2)

NOTES:

1. COLUMN AND SHEAR WALL LAYOUT IS CONCEPTUAL. DB TEAM TO DEVELOP STRUCTURAL FRAMING PLAN.
2. LANDSCAPING AREAS PROVIDED TO MEET LOCAL REQUIREMENTS FOR A SURFACE PARKING LOT. SEE REQUIREMENTS IN THE DESIGN CRITERIA PACKAGE.
3. PROVIDE A MINIMUM 150 SQ. FT CANOPY SHELTER AT SURFACE LOT SHUTTLE STOP AREAS.
4. PROVIDE A MINIMUM 300 SQ. FT CANOPY SHELTER AT ELEVATOR/STAIR CORE SHUTTLE STOP AREA.

PARKING LEGEND:

- EV READY STALLS
- ADA STALLS - STANDARD
- ADA STALLS - VAN



NORTH

GRAPHIC SCALE IN FEET
0 25 50 100

LEVEL 1 & SURFACE (EL. +0-0")

PARKING GARAGE - 337 STALLS
SURFACE LOT - 502 STALLS

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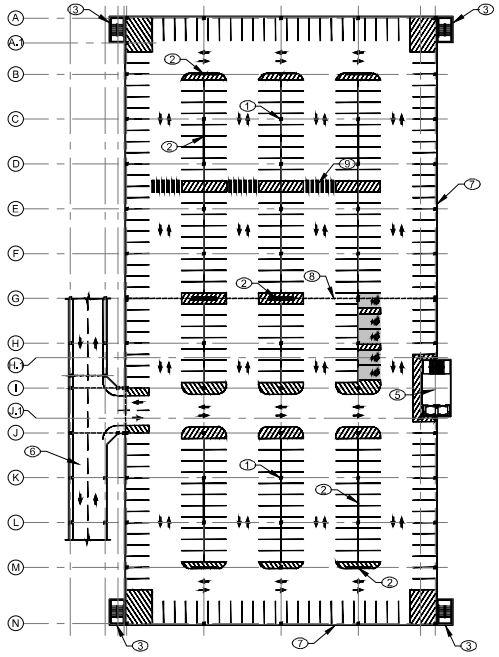
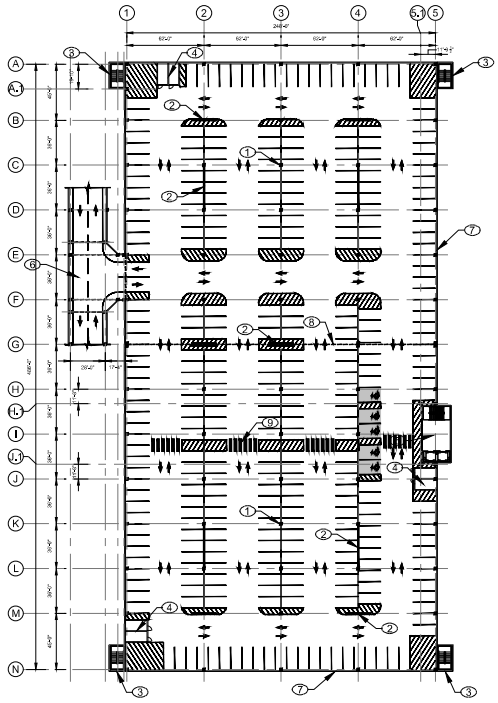
NOTE: The garage footprint shown in this drawing does not reflect the scope change implemented in September 2025, which expanded the garage size. To meet updated program requirements, expansion is recommended toward the south.



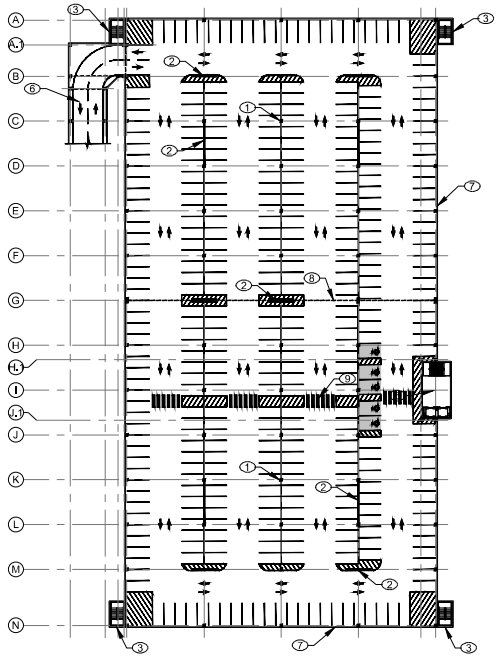
LEVEL 2 (EL. +18-6") 347 STALLS

* ASSUMES A STRUCTURE DEPTH OF 5'-0"



LEVEL 3 (EL. ±29-0") 338 STALLS

* ASSUMES A STRUCTURE DEPTH OF 3'-6"



LEVEL 4 (EL. ±39-6") 378 STALLS

* ASSUMES A STRUCTURE DEPTH OF 3'-6"

NOTE: The garage footprint shown in this drawing does not reflect the scope change implemented in September 2025, which expanded the garage size. To meet updated program requirements, expansion is recommended toward the south.

STALL TABULATION					
LEVEL	STANDARD	ADA	ADA VAN	EVR	TOTAL
4	373	5	0	0	378
3	333	5	0	0	338
2	342	5	0	0	347
1	322	10	5	0	337
SURFACE	492	0	0	10	502
TOTAL	1,862	25	5	10	1,902

KEYNOTES LEGEND:

1. COLUMN, TYP. (SEE NOTE 1)
2. SHEAR WALL, TYP. (SEE NOTE 1)
3. EGRESS STAIR
4. ELECTRICAL OR TELECOMMUNICATIONS ROOM
5. ELEVATOR AND STAIR CORE (SEE SHEET 5.1)
6. EXPRESS RAMP (SEE SHEET 2.1)
7. PERIMETER VEHICLE BARRIER, TYP.
8. EXPANSION JOINT
9. PEDESTRIAN CROSSWALK

NOTES:

1. COLUMN AND SHEARWALL LAYOUT IS CONCEPTUAL. DB TEAM TO DEVELOP STRUCTURAL FRAMING PLAN.

PARKING LEGEND:

ADA STALLS - STANDARD

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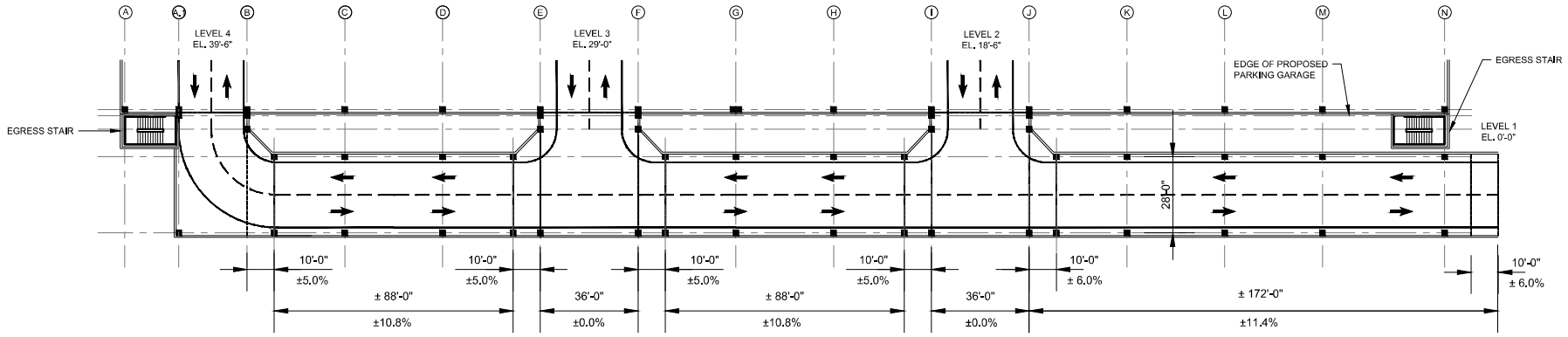
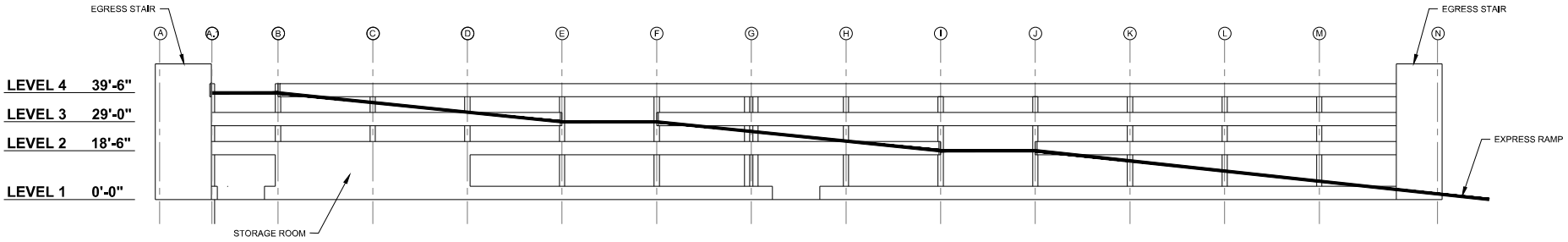
GRAPHIC SCALE IN FEET
0 25 50 100

NORTH

K:\TWC_Aviation\PIE-St Petersburg-Clearwater\2025 Parking Garage Design Criteria Package\CAD\PIE - Parking Structure - Preferred Concept



PARKING GARAGE EXPRESS RAMP - ENLARGED PLAN VIEW



PARKING GARAGE EXPRESS RAMP - SECTION VIEW

NOTE: The garage footprint shown in this drawing does not reflect the scope change implemented in September 2025, which expanded the garage size. To meet updated program requirements, expansion is recommended toward the south.

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GRAPHIC SCALE IN FEET
0 10 20 40

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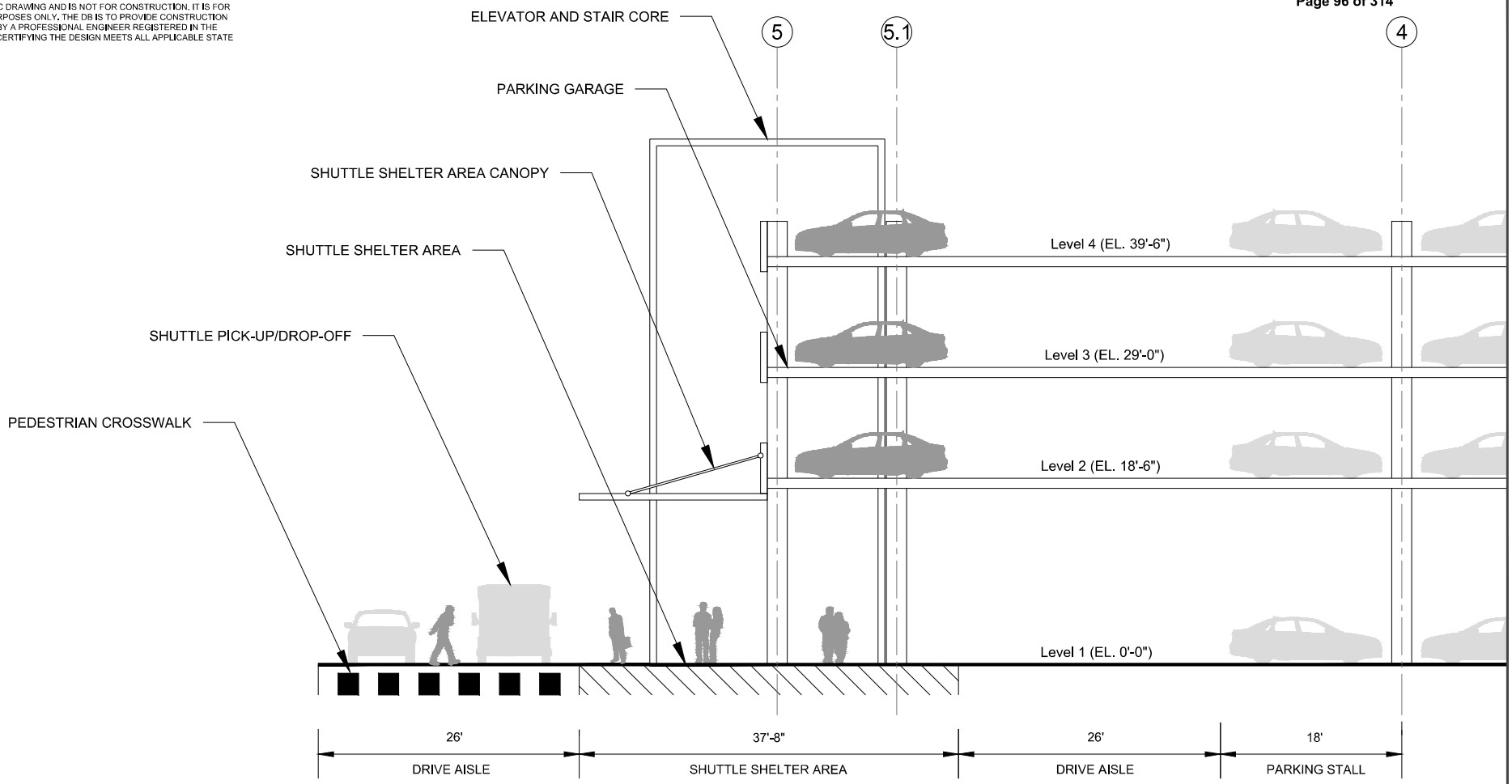

ELEVATOR AND STAIR CORE - SHUTTLE STOP SHELTER AREA - SECTION A

GRAPHIC SCALE IN FEET
0 2.5 5 10

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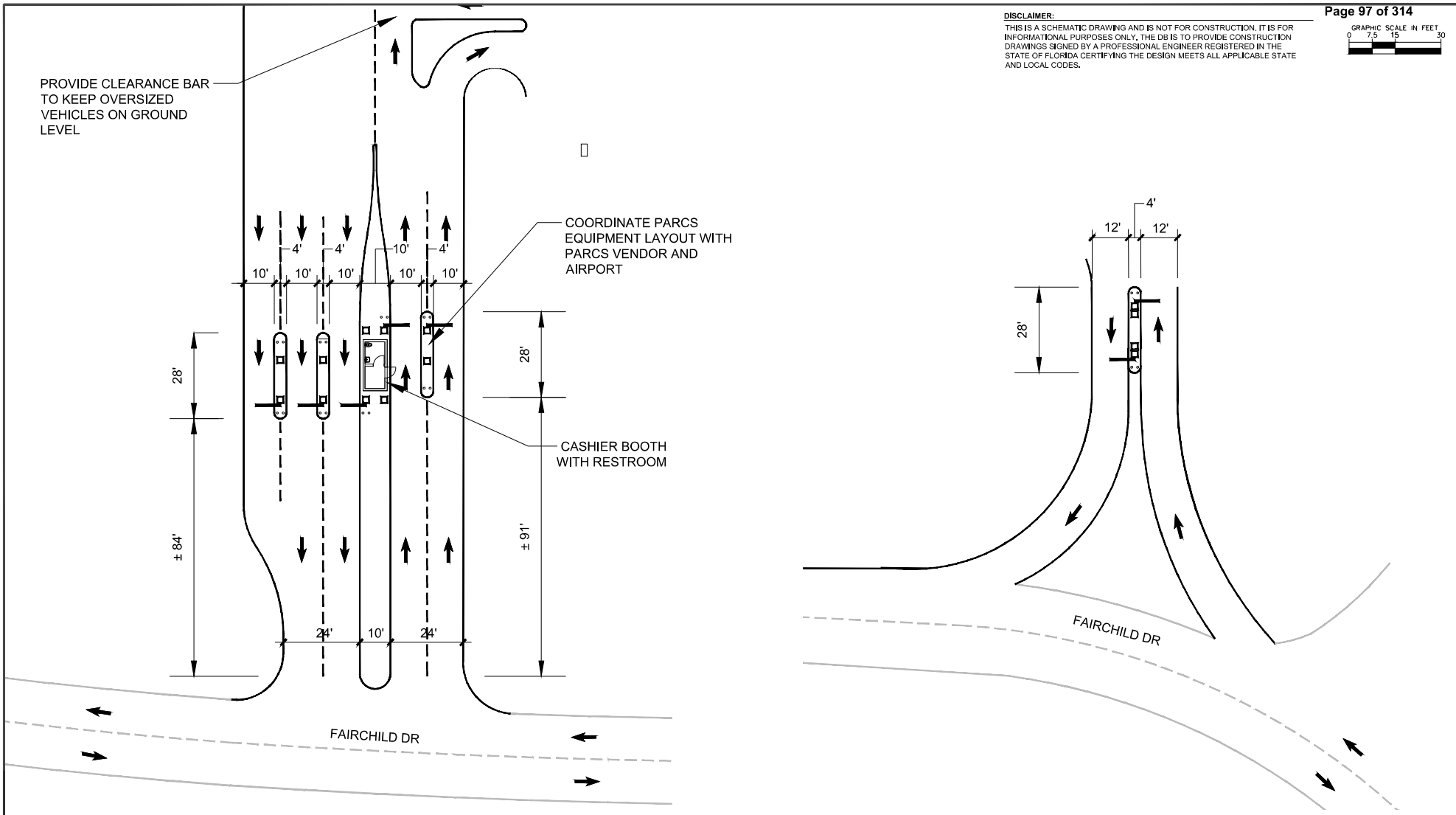
GRAPHIC SCALE IN FEET
0 7.5 15 30



PARKING ENTRY AND EXIT PLAZA - ENLARGED PLAN VIEW

SHUTTLE ENTRY AND EXIT - ENLARGED PLAN VIEW

K:\TWC_Aviation\PIE-St Petersburg-Clearwater\2025 Parking Garage Design Criteria Package\CAD\PIE - Parking Structure - Preferred Concept

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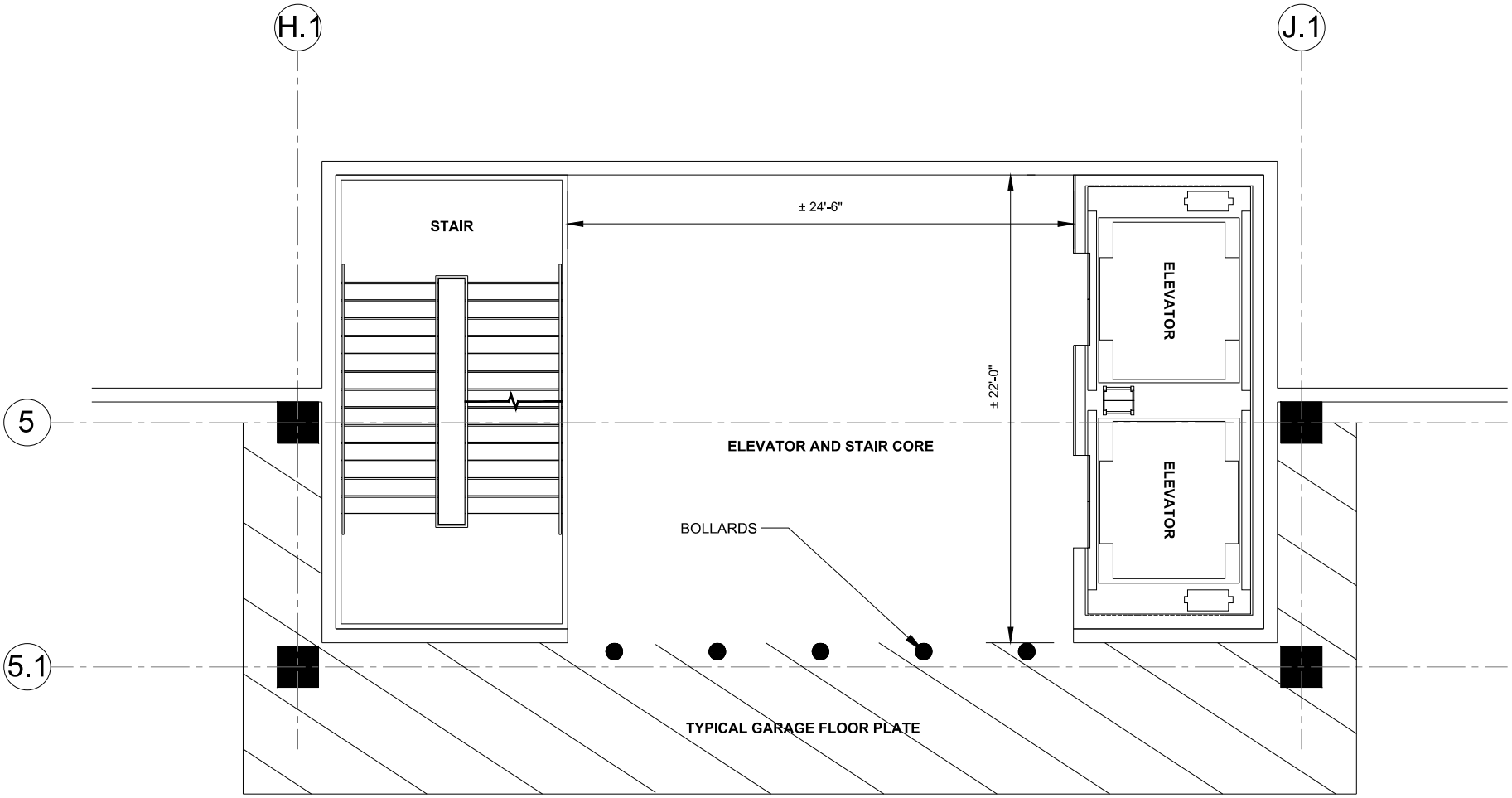

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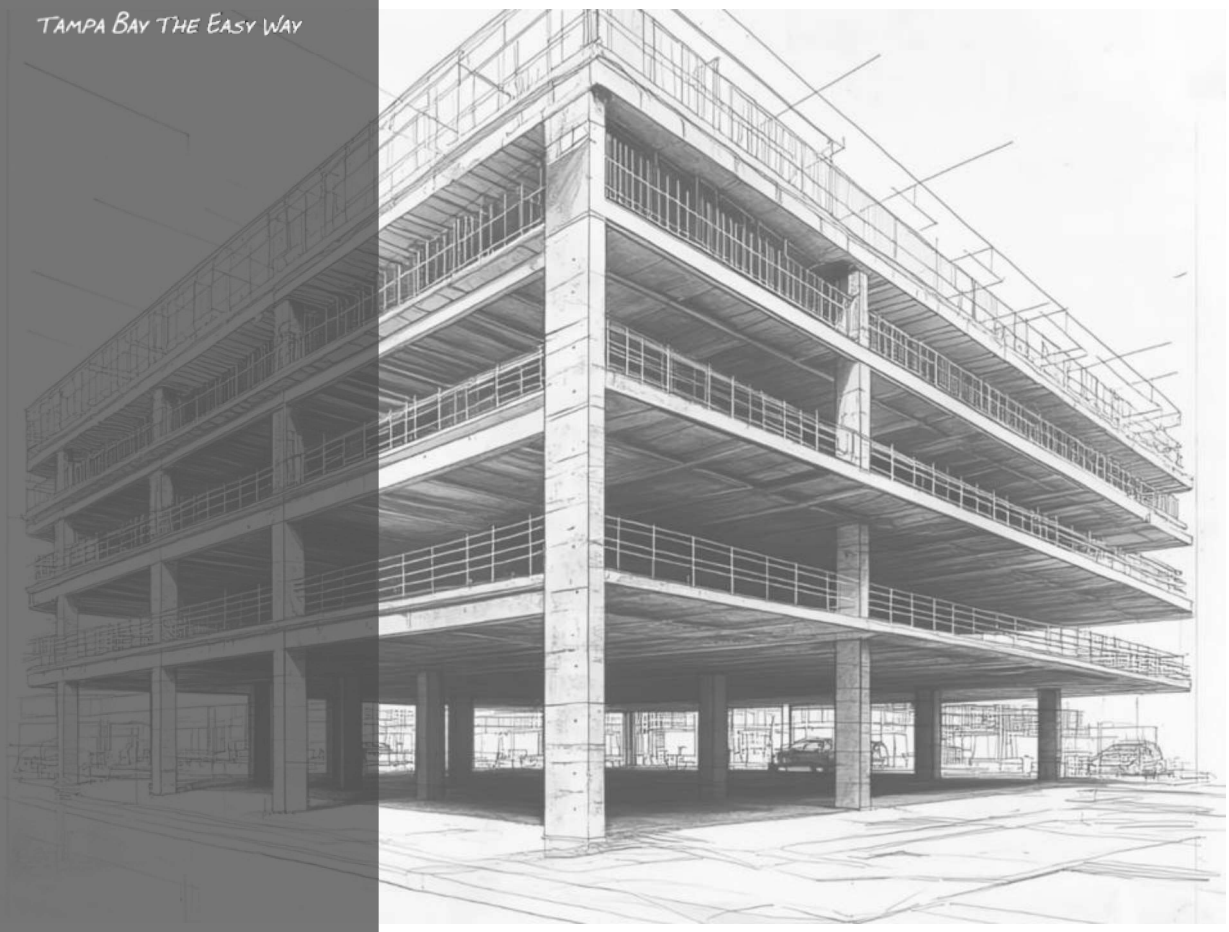
ELEVATOR AND STAIR CORE - ENLARGED PLAN VIEW

St. Pete-Clearwater International

TAMPA BAY THE EASY WAY

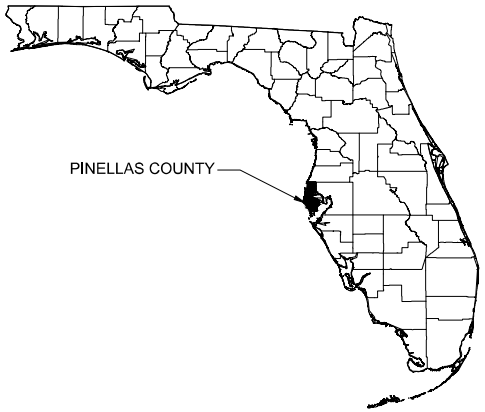


Appendix B

PAVE STRAWBERRY PIE LOT CONSTRUCTION PLANS

ST. PETE-CLEARWATER INTERNATIONAL AIRPORT

PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762
4625000-221000.01
OCTOBER 27, 2023
BID DOCUMENTS



VICINITY MAP

St. Pete-Clearwater International

TAMPA BAY THE EASY WAY

Pinellas County

PERMIT NO'S
STP-23-00002 STRAWBERRY LOT
STP-23-00034 FUTURE EMPLOYEE LOT

Sunshine811

Call 811 or visit sunshine811.com two full business days before digging to have buried facilities located and marked.

Check positive response codes before you dig!

LEGAL DESCRIPTION
AIRPORT SUB (UNRECORDED) (ST. PETE-CLWTR AIRPORT) UPLAND & SUBMLANDS IN SEC'S 21, 22, 27, 28, 33, 34, &35/29/16 & IN SEC'S 2, 3 & 4/30/16 LESS LEASED PARCELS & LESS U.S.C.G. PARCELS & LESS LANDING OF CLEARWATER CONDO & LESS RD'S & LESS THOSE PARTS DESC IN O.R. 19436/1883 & O.R. 19436/1889

LOCATION MAP

SECTION 33, TOWNSHIP 29 SOUTH, RANGE 16 EAST
PARCEL ID 34291600110000000
PROJECT 1 LOCATION - PAVE STRAWBERRY LOT: 15295 FAIRCHILD DRIVE CLEARWATER, FL 33762
PROJECT 2 LOCATION - PAVE FUTURE EMPLOYEE LOT: 14199 46TH STREET N CLEARWATER, FL 33762

Mead & Hunt
Mead and Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

St. Pete-Clearwater International
TAMPA BAY THE EASY WAY

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ST. PETE CLEARWATER
INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

M&H NO.: 4625000-221000.01
DATE: OCTOBER 27, 2023
DESIGNED BY: RAD
DRAWN BY: ACC
CHECKED BY: DES
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SHEET CONTENTS
COVER SHEET

SHEET NO.
G-001

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SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
BASE BID- PAVE STRAWBERRY LOT			
101-1	MOBILIZATION, CLEANUP, AND DEMOBILIZATION	LS	1
101-2	SURVEY, STAKING, AND LAYOUT	LS	1
101-3	MATERIALS AND LABORATORY TESTING	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-1	INSTALLATION AND REMOVAL OF SILT FENCE, TYPE B	LF	2,500
104-2	FLOATING TURBIDITY BARRIER	LF	450
104-3	INLET PROTECTION	EA	7
110-1	CLEARING AND GRUBBING	AC	7.6
327-1	ASPHALT MILLINGS REMOVAL	SY	26,500
327-2	ASPHALT PAVEMENT DEMOLITION	SY	570
110-1	MISCELLANEOUS DEMOLITION (CONCRETE, RIP-RAP, FENCE, DRAINAGE PIPE & STRUCTURES)	LS	1
110-2	REMOVE AND STOCKPILE EXISTING WHEEL STOP	EA	777
120-1	UNCLASSIFIED EXCAVATION (PLACED ON SITE)	CY	11,500
120-2	UNCLASSIFIED EXCAVATION (HAULED TO AIRPORT STOCKPILE AREA OR OFFSITE)	CY	11,000
160-1	STABILIZED SUBBASE / SUBGRADE PREPARATION	SY	45,600
285-1	OPTIONAL BASE GROUP 04 (6" LIMEROCK OR EQUIVALENT)	SY	22,800
285-2	PLACE AND COMPACT AIRPORT PROVIDED LIMEROCK BASE COURSE	SY	22,800
334-1	2" FDOT SUPERPAVE ASPHALT PAVEMENT	TONS	5,100
334-2	BITUMINOUS PRIME COAT	GAL	6,800
350-1	6" CONCRETE PAVEMENT (DRIVEWAYS, ISLANDS, PADS)	SY	260
350-2	6" CONCRETE SIDEWALK PAVEMENT	SY	50
425-1	14"X23" MITERED END SECTION	EA	6
425-3	RAISE EXISTING DRAINAGE MANHOLE	EA	1
425-4	COVERT EXISTING DRAINAGE INLET TO DRAINAGE MANHOLE	EA	1
425-5	MODIFY EXISTING DRAINAGE CONTROL STRUCTURE	EA	1
430-1	14"X23" ELLIPTICAL REINFORCED CONCRETE PIPE	LF	232
524-1	CONCRETE RIP RAP	SY	725
570-1	SODDING	SY	15,000
700-1	STOP SIGN (SIGN TYPE A- R1-1) 30"X30" AND POST	EA	2
700-2	ADA PARKING SIGN ASSEMBLY (SIGN TYPE C- FTP-21-06 & FTP-2206) AND POSTS (4 TOTAL PANELS PER SIGN LOCATION)	EA	12
700-3	NO PARKING SIGNS (SIGN TYPE B & F) 12"X18" AND POST	EA	17
700-4	DO NOT ENTER (SIGN TYPE D - R5-1) 30"X30" AND POST	EA	3
700-5	NO RIGHT TURN (SIGN TYPE E- R3-1) 24"X24" AND POST	EA	1
700-6	EXIT SIGNS (SIGN TYPE G, H, & I- 18"X24") PANEL ONLY	EA	27
700-7	SHUTTLE BUS ENTRANCE/EXIT ONLY (SIGN TYPE J1 & J2) PANEL ONLY	EA	3
700-8	SHUTTLE PICK-UP (SIGN TYPES K & L - 2'X2') PANEL ONLY	EA	13
700-9	SHUTTLE PICK UP AT SHELTERS ONLY (SIGN TYPE M- 48"X36") INCLUDING 2 POSTS	EA	1
700-10	PARKING LOT ROW NUMBERING SIGNS (SIGN TYPE N - 24" DIAMETER) INCLUDING POSTS (2 PANELS PER SIGN LOCATION)	EA	37
700-11	SPECIAL DIRECTIONAL SIGN (SIGN TYPE O & P- 120"X96") INCLUDING 4 POSTS	EA	2
700-12	DAILY RATE SIGN ASSEMBLY (SIGN TYPE Q- 72" X 66" TOTAL) INCLUDING 2 POSTS	EA	1
710-1	PAVEMENT MARKINGS	SF	25,000
704-1	TUBULAR TRAFFIC DELINEATOR	EA	15
705-1	TRAFFIC BOLLARDS	EA	32
107316-1	29' X 73' PRE-ENGINEERED TICKETING PLAZA CANOPY, COMPLETE AND IN-PLACE INCLUDING LIGHTING, FOUNDATIONS, SIGNAGE, COMPLETION OF STAMPED-PERMITTED DRAWINGS AND ALL ASSOCIATED WORK.	LS	1
107343-1	SHUTTLE BUS SHELTER INCLUDING CONCRETE PAD, STRUCTURE, MOUNTING, COMPLETION OF STAMPED-PERMITTED DRAWINGS AND ALL ASSOCIATED WORK-COMPLETE IN PLACE	EA	4
107343-2	PRE-ENGINEERED TOLL BOOTH INCLUDING RESTROOM, PLUMBING, ELECTRICAL, MECHANICAL SYSTEMS, COMPLETION OF STAMPED-PERMITTED DRAWINGS , AND ALL ASSOCIATED WORK	LS	1
260500-1	ELECTRICAL DISTRIBUTION SYSTEM INCLUDING SERVICE FROM EXISTING TRANSFORMER TO METER, PANEL AND RACK, SERVICE TO NEW LIGHT POLES, SERVICE TO NEW CAMERAS, EMERGENCY CALL BOXES, TOLL PLAZA, TOLL BOOTH, AND BUS ENTRANCE/EXIT LANE EQUIPMENT INCLUDING ALL ASSOCIATED CABLE, ELECTRICAL AND COMMUNICATION CONDUIT, AND CONNECTIONS	LS	1
265600-1	20' TALL ALUMINUM LIGHT POLE AND FIXTURE (1 OR 2 FIXTURES PER POLE) INSTALLED ON NEW CONCRETE BASE INCLUDING ALL WIRING, CONNECTIONS, AND ASSOCIATED WORK	EA	32
265600-2	NEW HANDHOLE FOR FUTURE LIGHT POLE	EA	7
271000-1	12 COUNT BLUE ARMOURED OM3 MULTIMODE FIBER INSTALLED IN NEW OR EXISTING DUCT/INTERDUCT	LF	3,000
323119-1	NEW 5' HIGH ORNAMENTAL FENCE (FENCE TYPE 3)	LF	1,015
323119-2	NEW 5' WIDE ORNAMENTAL MAN GATE	EA	1
323119-3	NEW 16' MANUAL ORNAMENTAL CANTILEVER SLIDE GATE (1-16' LEAF)	EA	1
329000-1	LANDSCAPING	LS	1
331400-1	NEW 3/4" PVC WATERLINE INSTALLED IN TRENCH INCLUDING ALL FITTINGS, BENDS, AND ASSOCIATED WORK	LF	1,200
331400-2	NEW 3/4" PVC WATERLINE INSTALLED VIA DIRECTIONAL BORING	LF	75
331400-3	CONNECT NEW 3/4" WATERLINE TO EXISTING 8" WATERLINE INCLUDING ALL VALVES, BOXES, AND ASSOCIATED APPURTENANCES	LS	1
333000-1	NEW 6" SANITARY SEWER GRAVITY LINE INCLUDING ALL CLEANOUTS, FITTINGS, BENDS, VALVES, AND ASSOCIATED WORK.	LF	80
333000-2	CONNECT NEW SANITARY SEWER LINE TO EXISTING MANHOLE INCLUDING NEW INTERIOR DROP CONNECTION	EA	1
333000-3	RAISE TOP OF EXISTING SANITARY SEWER AIR RELEASE VALVE MANHOLE	EA	1
F-162-1	NEW 8' HIGH CHAIN LINK FENCE WITH 3 STRANDS OF BARBED WIRE (FENCE TYPE 1)	LF	1,020
F-162-2	NEW BARRICADE FENCE INSTALLED ON ASPHALT (FENCE TYPE 2)	LF	450
9990000-1	UNSPECIFIED WORK ITEM NO 1. SECURITY EQUIPMENT, INSTALLATION AND INTEGRATION: UNSPECIFIED WORK FOR THE PURCHASE, DELIVERY AND INSTALLATION OF TWO NEW NETWORK SWITCHES; TWO NEW TRANSCEIVER MODULES; ALL PATCH CABLES; REQUIRED SURGE PROTECTORS, REQUIRED ENCLOSURES; TWO MULTILENS CAMERAS; FOUR H5SL CAMERAS; SIX CAMERA MOUNTS; REQUIRED CAMERA COVERS; ADAPTERS AND ARMS; TWO CONTROLLERS; TWO PROXIMITY/KEYPAD CARD READERS READERS; TWO PEDESTALS; TWO CARD READER HOUSINGS; ALL REQUIRED FIBER AND ETHERNET CABLING; SIX CAMERA LICENSES; FOUR EMERGECY CALL BOXES; ALL INSTALLATION; PROGRAMMING AND MISCELLANEOUS EQUIPMENT AND MATERIALS. ALL SECURITY ITEMS ARE REQUIRED TO BE COMPATIBLE WITH THE AIRPORTS SECURITY SYSTEM AND MUST BE INTEGRATED BY THE AIRPORTS SECURITY VENDOR.	AL	1
9990000-2	UNSPECIFIED WORK ITEM NO 2. JUPITER PARKING EQUIPMENT, INSTALLATION AND INTEGRATION: UNSPECIFIED WORK FOR THE MAIN ENTRANCE/EXIT PLAZA AND SHUTTLE BUS ENTRANCE/EXIT EQUIPMENT INCLUDING: MAIN ENTRANCE, PURCHASE, DELIVERY, AND INSTALLATION OF TWO JUPITER EXIT STATIONS AND ALL RELATED COMPONENTS; ONE MAGNETIC BARRIER GATE ARM; TWO LED SIGNS AND POSTS; TWO IN-PAVEMENT DETECTOR LOOPS. MAIN EXIT, PURCHASE, DELIVERY, AND INSTALLATION OF TWO JUPITER ENTRY STATIONS AND ALL RELATED COMPONENTS; CASHIER STATION AND ALL RELATED COMPONENTS; ONE MAGNETIC BARRIER GATE ARM; THREE RELAYS AND SOCKETS; ONE JBL CONTROLLER; ONE WIRELESS BRIDGE; ONE 8 PORT SWITCH; TWO IN-PAVEMENT DETECTOR LOOPS. SHUTTLE ENTRANCE, PURCHASE, DELIVERY, AND INSTALLATION OF; ONE LANE CONTROLLER; ONE AVI READER, MOUNTING BRACKET AND CONVERTER; ONE AVI MOUNTING POLE; ONE WIRELESS BRIDGE; ONE 8 PORT SWITCH. SHUTTLE EXIT, PURCHASE, DELIVERY, AND INSTALLATION OF; ONE LANE CONTROLLER; ONE AVI READER, MOUNTING BRACKET AND CONVERTER; ONE AVI MOUNTING POLE; ONE MAGNETIC BARRIER GATE ARMONE WIRELESS BRIDGE; ONE 8 PORT SWITCH; TWO IN-PAVEMENT DETECTOR LOOPS. PURCHASE, DELIVERY AND INSTALLATION OF ALL REQUIRED MISC. PARTS AND HARDWARE; ANNUAL LICENSING AND ANNUAL FEES. ALL PARKING EQUIPMENT ITEMS ARE REQUIRED TO BE COMPATIBLE WITH THE AIRPORTS EXISTING PARKING SYSTEM AND MUST BE INTEGRATED BY THE AIRPORTS PARKING VENDOR.	AL	1
9990000-3	UNSPECIFIED WORK ITEM NO 3. MAIN FIBER FEED CONNECTIONS & EQUIPMENT: UNSPECIFIED WORK FOR INSTALLATION OF EQUIPMENT AND TERMINATIONS IN THE ENTRY/EXIT ATTENDANT BOOTH AND TERMINAL BUILDING (MDF) INCLUDING THE PURCHASE, DELIVERY, AND INSTALLATION OF ONE NEW COMMUNICATIONS ENCLOSURE. REQUIRED CONVERTERS, ONE NEW TRIPPLITE; ONE NEW UPS AND REQUIRED LIU'S; CONNECTORS, ETC,; INCLUDING FIBEROPTIC CONNECTIONS AND ETHERNET CONVERSIONS REQUIRED IN THE TOLL BOOTH FOR BOTH THE PARKING SYSTEM EQUIPMENT AND SECURITY EQUIPMENT AND FIBEROPTIC CONNECTIONS AND ETHERNET CONVERSIONS AT THE HEAD END SYSTEM IN TERMINAL BUILDING (MDF) FOR BOTH PARKING SYSTEM EQUIPMENT AND SECURITY EQUIPMENT	AL	1
9990000-4	UNSPECIFIED WORK ITEM NO 4. UNSPECIFIED WORK FOR REIMBURSABLE COSTS ASSOCIATED WITH PINELLAS COUNTY WATER AND CITY OF LARGO SEWER PERMITTING AND IMPACT FEES	AL	1
9990000-5	UNSPECIFIED WORK ITEM NO 5. UNSPECIFIED WORK FOR REIMBURSABLE COSTS ASSOCIATED WITH DUKE ENERGY PROVIDED WORK	AL	1
9990000-6	UNSPECIFIED WORK ITEM NO 6. UNSPECIFIED WORK FOR UNFORESEEN CIRCUMSTANCES FOR THE STRAWBERRY PARKING LOT	AL	1
9990000-8	UNSPECIFIED WORK ITEM NO 8. UNSPECIFIED WORK FOR TEMPORARY PARKING LOT LIGHTING	AL	1
ADDITIVE ALTERNATE 1- PAVE FUTURE EMPLOYEE LOT			
101-1	MOBILIZATION, CLEANUP, AND DEMOBILIZATION	LS	1
101-2	SURVEY, STAKING, AND LAYOUT	LS	1
101-3	MATERIALS AND LABORATORY TESTING	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-1	INSTALLATION AND REMOVAL OF SILT FENCE, TYPE B	LF	2,250
110-1	MISCELLANEOUS DEMOLITION (BUS SHELTER, STRUCTURES)	LS	1
110-2	REMOVE AND STOCKPILE EXISTING WHEEL STOP	EA	460
120-2	UNCLASSIFIED EXCAVATION	CY	750
283-1	IN-PLACE RECYCLING OF EXISTING ASPHALT MILLINGS AND SUBGRADE- INCLUDES REWORKING OF MATERIAL AND GRADE ADJUSTMENTS	SY	15,500
327-1	ASPHALT MILLINGS REMOVAL	SY	2,250
334-1	2" FDOT SUPERPAVE ASPHALT PAVEMENT	TONS	1,750
334-2	BITUMINOUS PRIME COAT	GAL	2,500
425-6	MODIFY EXISTING DRAINAGE CONTROL STRUCTURE	EA	1
570-2	SODDING	SY	6,000
700-1	ADA PARKING SIGN ASSEMBLY (FTP-21-06 & FTP-2206) AND POSTS (2 TOTAL PANELS PER SIGN LOCATION)	EA	9
710-1	PAVEMENT MARKINGS	SF	8,000
705-1	TRAFFIC BOLLARDS	EA	4
107343-1	SHUTTLE BUS SHELTER INCLUDING CONCRETE PAD, STRUCTURE, MOUNTING, COMPLETION OF STAMPED-PERMITTED DRAWINGS AND ALL ASSOCIATED WORK-COMPLETE IN PLACE	EA	1
329000-1	LANDSCAPING	LS	1
F-162-3	REMOVE AND REPLACE EXISTING FENCE USING EXISTING FABRIC	LF	250
9990000-7	UNSPECIFIED WORK ITEM NO. 7 UNSPECIFIED WORK FOR UNFORESEEN CIRCUMSTANCES FOR THE OVERFLOW PARKING LOT	AL	1

SHEET LIST

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G-003	LEGEND & ABBREVIATIONS
G-021	PROJECT LAYOUT PLAN
G-071	GENERAL NOTES - SHEET 1
G-072	GENERAL NOTES - SHEET 2
G-081	CONSTRUCTION OPERATIONS & SAFETY PHASING PLAN
G-082	FAIRCHILD DRIVE MAINTENANCE OF TRAFFIC PLAN
G-083	FUTURE EMPLOYEE LOT MAINTENANCE OF TRAFFIC PLAN
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C-111	EROSION CONTROL PLAN
C-121	DEMOLITION PLAN
C-131	SITE PLAN
C-132	ENLARGED VIEW ENTRY-EXIT PLAZA
C-133	SHUTTLE BUS ENTRANCE ENLARGED VIEW
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C-135	TYPICAL SECTIONS - SHEET 1
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EP-102	ENTRY - EXIT PLAZA ATTENDANT BOOTH DETAILS - SHEET 1
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EP-104	ENTRY - EXIT PLAZA ATTENDANT BOOTH DETAILS - SHEET 3
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BS-102	BUS SHELTER DETAIL - SHEET 2
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C-322	FENCING DETAILS - SHEET 2
C-331	DRAINAGE DETAILS - SHEET 1
C-332	DRAINAGE DETAILS - SHEET 2
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C-361	SITE UTILITY DETAILS
ELECTRICAL	
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E-011	ELECTRICAL DEMOLITION PLAN
E-111	ELECTRICAL SITE PLAN
E-401	ELECTRICAL SITE ENLARGED PLAN
E-601	SCHEDULES AND ONE-LINE

NOTE: SEE SHEET G-072 FOR ADDITIONAL PAY ITEM NOTES.

Mead & Hunt

Mead and Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

PIE St. Pete-Clearwater International

TAMPA BAY THE EASY WAY

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

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DATE: OCTOBER 27, 2023
DESIGNED BY: RAD
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CHECKED BY: DES
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SHEET CONTENTS
SHEET INDEX & SUMMARY OF QUANTITIES

SHEET NO.
G-002

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LEGEND AND ABBREVIATIONS

LEGEND:

- ANTENNA
- BENCHMARK
- BOLLARD
- CONTROL POINT
- CHISELED X
- CLEANOUT, SANITARY OR STORM
- DOWNSPOUT
- ELECTRICAL METER
- ELECTRICAL / COMMUNICATIONS PEDESTAL
- ELECTRICAL TRANSFORMER BOX
- ELECTRICAL SERVICE PANEL
- ELECTRICAL HANDHOLE/PULLBOX
- FIRE HYDRANT
- FLAGPOLE
- GAS METER
- GAS VALVE
- GATE
- GUY WIRE
- HANDHOLE, GENERIC
- INLET, CURB
- INLET, ROUND
- INLET, SQUARE
- IRON PIN
- LIGHT POLE (SINGLE)
- LIGHT POLE (DOUBLE)
- MAILBOX
- MANHOLE, ELECTRIC
- MANHOLE, FIBER OPTIC
- MANHOLE, SANITARY SEWER
- MANHOLE, STORM SEWER
- MANHOLE, TELECOMMUNICATIONS
- MANHOLE, VALVE
- MARKER, CABLE
- MARKER, DUCT
- PK or MAG NAIL
- POWER POLE
- POWER POLE, DOUBLE
- POWER POLE WITH LIGHT
- PVC PIPE
- REBAR
- SANITARY VALVE
- SATELLITE DISH
- SEPTIC TANK VENT
- SIGN (SINGLE POST)
- SIGN (DOUBLE POST)
- SOIL BORING
- SHRUB
- STORM FLARED END SECTION
- STUMP
- CRAPE MYRTLE (LAGERSTROEMIA INDICA)
- CABBAGE PALM (SABAL PALMETTO)
- CTV PEDESTAL BOX
- WATER CURB STOP
- WATER VALVE
- WATER SHUT OFF
- WATER METER

- WATER SURFACE
- WELL
- G — GAS
- OHE — ELECTRIC, OVERHEAD
- E — ELECTRIC, UNDERGROUND
- EXISTING CONTOUR LINES
- X — FENCE
- FIBER OPTIC CABLE
- o — HANDRAIL
- PROPERTY LINE
- SS — SANITARY SEWER
- STONE RETAINING WALL
- SD — STORM SEWER / CULVERT
- SWALE
- T — TELEPHONE
- TV — TV CABLE
- W — WATER
- WETLAND BOUNDARY
- VEGETATION
- RIPRAP
- STANDING WATER
- WETLAND
- EXISTING CONCRETE
- 132.75 / 131.55 — PROPOSED ELEVATION / EXISTING ELEVATION
- PROPOSED ASPHALT PAVEMENT
- PROPOSED CONCRETE PAVEMENT
- EXISTING JUNCTION CAN
- E — EXISTING WIRE AND CONDUIT TO REMAIN
- EXISTING DUCT BANK
- DIRECT-BURIED CABLE TO BE ABANDONED IN-PLACE
- NEW DIRECTIONAL BORED DUCT
- NEW ELECTRICAL PULLBOX
- REMOVE
- REMOVE

ABBREVIATIONS:

A	ABANDON
AB	AGGREGATE BASE
A/C	AIRCRAFT
ABAND	ABANDON
AC	ASPHALT CONCRETE
ALCMS	AIRFIELD LIGHTING CONTROL AND MONITORING SYSTEM
ALT	ALTERNATE
AMSL	ABOVE MEAN SEA LEVEL
AOA	AIRCRAFT OPERATIONS AREA
APCH	APPROACH
APPROX	APPROXIMATE
ASB	AGGREGATE SUB-BASE
AR	ACCESS ROAD
ARFF	AIRCRAFT RESCUE AND FIRE FIGHTING
ATCT	AIR TRAFFIC CONTROL TOWER
AWG	AMERICAN WIRE GAUGE
BC	BEGINNING OF CURVE
BIT	BITUMINOUS
BLDG	BUILDING
BM	BENCHMARK
BOT	BOTTOM
BVC	BEGINNING OF VERTICAL CURVE
CA TEAM	CONSTRUCTION ADMINISTRATION TEAM
C-C	CENTER TO CENTER
CB	CATCH BASIN
CIPCP	CAST IN-PLACE CONCRETE PIPE
CJ	CONSTRUCTION JOINT
CFS	CUBIC FEET PER SECOND
CL	CENTERLINE
CLF	CHAINLINK FENCE
CLR	CLEAR
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
CE	CONCRETE ENCASED
CONT	CONTINUOUS
CP	CONTROL POINT
CTB	CEMENT TREATED BASE
CKT	CIRCUIT
CSPP	CONSTRUCTION SAFETY PHASING PLAN
DB	DIRECT BURIAL
DEG	DEGREE
DI	DROP INLET
DIA	DIAMETER
DIM	DIMENSION
DIP	DUCTILE IRON PIPE
DP	DEPTH
(E)	EXISTING
E	ELECTRICAL LINE
EC	END OF CURVE
EG	EXISTING GRADE
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EQ	EQUAL
EVC	END OF VERTICAL CURVE
ETR	EXISTING TO REMAIN
FAA	FEDERAL AVIATION ADMINISTRATION
FBO	FIXED BASE OPERATOR
FES	FLARED END SECTION
FF	FINISHED FLOOR
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FOD	FOREIGN OBJECT DEBRIS
FPS	FEET PER SECOND
FT	FEET
G	GAS LINE
GAL	GALLON
GALV	GALVANIZED
GA MUTCD	GEORGIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
GB	GRADE BREAK
GND	GROUND
GPM	GALLONS PER MINUTE
GPSP	GENERAL PERRY SMITH PARKWAY
GS	GLIDE SLOPE
HH	HANDHOLE
H	HEIGHT
HDPE	HIGH DENSITY POLYETHYLENE
HIRL	HIGH INTENSITY RUNWAY LIGHT
HIR,THL	HIGH INTENSITY THRESHOLD LIGHT
HORIZ	HORIZONTAL
HMA	HOT MIX ASPHALT
HP	HIGH POINT
HW	HEADWALL
HWL	HIGH WATER LEVEL
HWY	HIGHWAY
IE	INVERT ELEVATION
IFR	INSTRUMENT FLIGHT RULES
ILS	INSTRUMENT LANDING SYSTEM
IN	INCHES
IP	IN-PAVEMENT
L	LENGTH
LBS	POUNDS
LF	LINEAL FEET
LOC	LOCALIZER
LWL	LOW WATER LEVEL
MH	MANHOLE
MALS	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM
MALSF	MALS W/ SEQUENCED FLASHERS
MALSR	MALS W/ RUNWAY ALIGNMENT INDICATOR LIGHTS
MAX	MAXIMUM
ME	MATCH EXISTING
MID	MID POINT
MIN	MINIMUM
MIRL	MEDIUM INTENSITY RUNWAY LIGHT
MITL	MEDIUM INTENSITY TAXIWAY LIGHT
MPH	MILES PER HOUR
N	NO
(N)	NEW
NIC	NOT IN CONTRACT
NO. OR #	NUMBER
NOTAM	NOTICE TO AIRMAN
NTS	NOT TO SCALE
OFF	OFFSET
OFZ	OBJECT FREE ZONE
O/S	OFFSET
OC	ON CENTER
OH	OVERHEAD
OWS	OIL WATER SEPARATOR
PAPI	PRECISION APPROACH PATH INDICATOR
PR	PAIR
PB	PULL BOX
PC	POINT OF CURVATURE
PCC	PORTLAND CEMENT CONCRETE
PCSO	PINELLAS COUNTY SHERIFF'S OFFICE
PERF	PERFORATED
PI	POINT OF INTERSECTION
POB	POINT OF BEGINNING
POC	POINT OF CURVE
POE	POINT OF ENDING
PSI	POUNDS PER SQUARE INCH
PSF	POUNDS PER SQUARE FOOT
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVE
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
Q	RATE OF FLOW
QTY	QUANTITY
R	RADIUS
(R)	REMOVE
R&R	REMOVE AND REPLACE
RC	RELATIVE COMPACTION
REL	RELOCATE EXISTING
RCP	REINFORCED CONCRETE PIPE
REQ	REQUIRED
ROFA	RUNWAY OBJECT FREE AREA
ROW	RIGHT OF WAY
RGL	RUNWAY GUARD LIGHT
RSA	RUNWAY SAFETY AREA
RWA	RUNWAY WORK RESTRICTED AREA
RWAPP	RUNWAY APPROACH LIGHT
RWY OR RW	RUNWAY
S	SANITARY LINE
SF	SQUARE FOOT
SG	STRAIGHT GRADE
SH	SHOULDER
SIDA	SECURITY IDENTIFICATION DISPLAY AREA
SMGS	SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM
SPCD	SAFETY PLAN COMPLIANCE DOCUMENT
SS	STAINLESS STEEL
ST	STORM LINE
STA	STATION
STD	STANDARD
STL	STEEL
T	TELEPHONE LINE
TC	TOP OF CURB
TG	TOP OF GRATE
T/L	TAXILINE
TOE	TOE OF BANK
TOP	TOP OF BANK
TDZ	TOUCHDOWN ZONE
TWY	TAXIWAY
TOFA	TAXIWAY OBJECT FREE AREA
TSA	TAXIWAY SAFETY AREA
TYP	TYPICAL
UD	UNDERDRAIN
OFA	OBJECT FREE AREA
UFN	UNTIL FURTHER NOTICE
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
V	VELOCITY
VC	VERTICAL CURVE
VERT	VERTICAL
VFR	VISUAL FLIGHT RULES
VG	VALLEY GUTTER
VIF	VERIFY IN FIELD
VASI	VISUAL APPROACH SLOPE INDICATOR
W	WATER LINE
WA	WORK AREA
W/	WITH
W/O	WITHOUT
WSE	WATER SURFACE ELEVATION
WSP	WELDED STEEL PIPE
WV	WATER VALVE
WWM	WELDED WIRE MESH

Mead & Hunt

Mead and Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

MAM NO.: 4625000-221000.01
DATE: OCTOBER 27, 2023
DESIGNED BY: RAD
DRAWN BY: ACC
CHECKED BY: DES
DO NOT SCALE DRAWINGS

SHEET CONTENTS
LEGEND & ABBREVIATIONS

SHEET NO.
G-003

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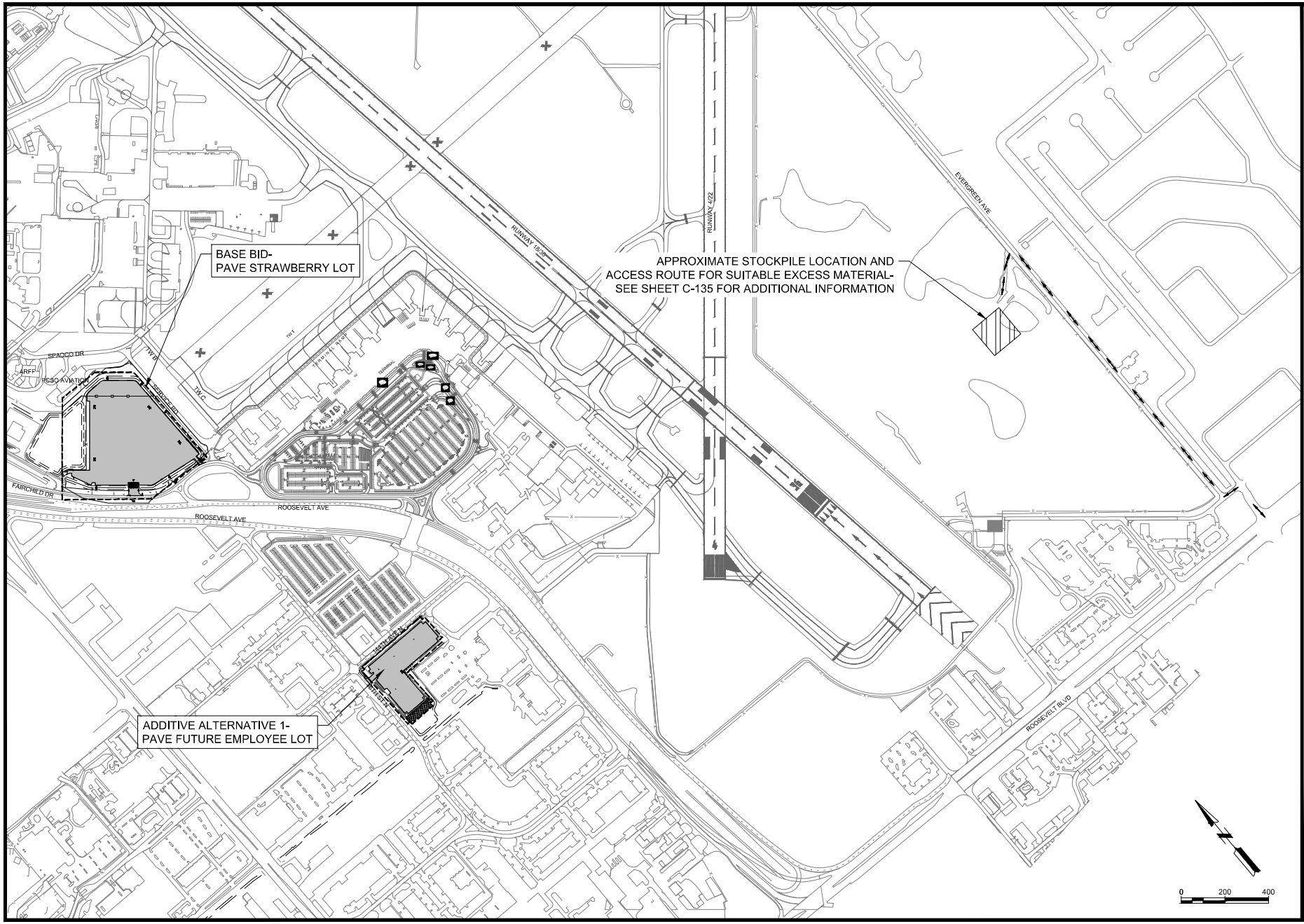

Mead & Hunt

Mead and Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

St. Pete-Clearwater International
TAMPA BAY THE EASY WAY

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SHEET CONTENTS
PROJECT LAYOUT PLAN

SHEET NO.
G-021

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GENERAL

1. THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT PLANS AND SPECIFICATIONS AND ANY RULES, REGULATIONS, STANDARDS OR SPECIFICATIONS REFERENCED THEREIN. THE PROJECT IS SUBJECT TO INSPECTION BY REPRESENTATIVES OF THE CITY OR COUNTY, THE FEDERAL AVIATION ADMINISTRATION (FAA) AND OTHER GOVERNING AGENCIES.
2. LIQUIDATED DAMAGES, AS STATED IN THE SPECIFICATIONS AND IN THE CONTRACT AGREEMENT, SHALL APPLY TO THIS PROJECT.
3. A PORTION OF CONSTRUCTION WILL OCCUR WITHIN THE AIR OPERATIONS AREA (AOA). THIS IS A CLOSELY MAINTAINED SECURITY AREA WITH RESTRICTED ACCESS. THE CONTRACTOR SHALL MEET ALL REQUIREMENTS FOR ENTERING AND OPERATING IN THIS AREA AT ALL TIMES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH ALL REQUIREMENTS FOR ENTERING AND OPERATING IN THE AOA. FURTHER, IT WILL REMAIN THE CONTRACTOR'S RESPONSIBILITY TO KEEP ADVISED OF ANY CHANGES IN THESE REQUIREMENTS AND TO ADHERE TO CURRENT REGULATIONS.
4. BECAUSE A PORTION OF THE CONSTRUCTION IS NEAR ACTIVE TAXIWAYS AND APRONS, ALL CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN A MANNER ACCEPTABLE TO THE OWNER AND THE FEDERAL AVIATION ADMINISTRATION (FAA) TO PROVIDE ACCEPTABLE LEVELS OF SAFETY FOR ALL AIRPORT OPERATIONS.
5. EACH CONTRACTOR INVOLVED SHALL ASSUME ALL LIABILITY, FINANCIAL OR OTHERWISE, IN CONNECTION WITH THEIR CONTRACT AND SHALL PROTECT AND SAVE HARMLESS THE OWNER FROM ANY AND ALL DAMAGES OR CLAIMS THAT MAY ARISE BECAUSE OF INCONVENIENCES, DELAYS, OR LOSS EXPERIENCED BY THEM BECAUSE OF THE PRESENCE AND OPERATIONS OF HIS SUBCONTRACTORS WORKING WITHIN THE LIMITS OF THE SAME PROJECT.

CONTRACTOR REQUIREMENTS

1. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED FOR THE PERFORMANCE OF THIS CONTRACT, EXCEPT WHERE OTHERWISE STATED. AN UNSPECIFIED WORK ITEMS FOR REIMBURSABLE COSTS HAS BEEN ESTABLISHED TO ACCOUNT FOR COSTS RELATED TO WATER AND SEWER IMPACT AND CONNECTION FEES (PAY ITEM 9990000-4). AN ADDITIONAL UNSPECIFIED WORK ITEM FOR REIMBURSABLE COSTS HAS BEEN ESTABLISHED TO ACCOUNT FOR COSTS RELATED TO DUKE ENERGY PROVIDED WORK (PAY ITEM 9990000-5). COSTS RELATED TO OBTAINING BUILDING PERMITS FOR THOSE ITEMS SPECIFIED IN THE PROJECT SPECIFICATIONS AND DRAWING NOTES (BUS SHELTER, CANOPY, TOLL PLAZ ATTENDANT BOOTH) SHALL BE PAID FOR BY THE CONTRACTOR. NO SEPARATE PAYMENT SHALL BE MADE FOR THESE PERMITS.
2. THE CONTRACTOR MUST OBTAIN PROPER PERMITS FOR DELIVERY OF MATERIALS AND EQUIPMENT TO THE SITE. ANY DAMAGE TO OFF-SITE ROADS SHALL BE THE COMPLETE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE.
3. ALL CONTRACTOR'S VEHICLES AND TRAFFIC (UNLESS OTHERWISE AUTHORIZED) SHALL REMAIN WITHIN THE DESIGNATED CONSTRUCTION LIMITS OR HAUL ROUTES.
4. THE CONTRACTOR SHALL CONTROL DUST FROM OPERATIONS TO A LEVEL ACCEPTABLE TO THE AIRPORT AND ENGINEER AT ALL TIMES. THE CONTRACTOR SHALL HAVE AVAILABLE VACUUM BROOMS, WATERING TRUCKS AND OTHER EQUIPMENT NECESSARY TO CONTROL DUST AND DEBRIS AT ALL TIMES. ALL METHODS FOR CONTROLLING DUST AND DEBRIS SHALL BE SUBJECT TO THE AIRPORTS APPROVAL. DUST AND DEBRIS CONTROL SHALL BE STRICTLY MONITORED DUE TO ITS IMPACT ON AIRCRAFT SAFETY. FAILURE TO PROPERLY CONTROL DUST AND DEBRIS OR TO RESPOND TO ANY REQUESTS TO DO SO WILL RESULT IN CONSTRUCTION ACTIVITIES BEING STOPPED.
5. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE AND FEDERAL LAWS THAT ARE PERTINENT TO THIS WORK.
6. BEFORE RECEIVING A NOTICE TO PROCEED, THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH A DETAILED CRITICAL PATH METHOD SCHEDULE OF WORK FOR EACH PHASE OF CONSTRUCTION INCLUDING THE VARIOUS ROADWAY CLOSURES REQUIRED.
7. ALL ELEMENTS OF THE CONSTRUCTION SHALL BE DONE IN SUCH A MANNER THAT, AT THE END OF THE CLOSURE PERIOD, THE AREA WILL BE IN CONDITION SUITABLE FOR AIRPORT OPERATIONS AND SUBJECT TO AIRPORT AND ENGINEER APPROVAL.

PINELLAS COUNTY DRS NOTES

1. ALL DESIGNS AND CONSTRUCTION MUST CONFORM TO THE MINIMUM STANDARDS SET DOWN IN PINELLAS COUNTY LAND DEVELOPMENT, ZONING AND/OR RELATED ORDINANCES AND MINIMUM TESTING FREQUENCY REQUIREMENTS.
2. AS-BUILT SURVEY AND/OR RECORD DRAWINGS MUST BE SUBMITTED TO THE COUNTY FIVE (5) BUSINESS DAYS PRIOR TO THE SITE INSPECTION FOR CERTIFICATION OF OCCUPANCY. NO CO WILL BE ISSUED WITHOUT REVIEW AND ACCEPTANCE OF RECORD DRAWINGS.
3. ALL ELEVATIONS MUST BE PER NAVD88
4. ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY WILL BE COMPACTED TO 100%OF MAXIMUM DENSITY AND SODDED.
5. ALL PUBLIC SIDEWALK THAT IS DAMAGED OR DOES NOT MEET ADA CRITERIA SHALL BE REPLACED.
6. DETENTION AREAS SHALL BE ROUGHED OUT PRIOR TO OTHER SITE GRADING AS A MEANS OF EROSION CONTROL.
7. SILT FENCE SHALL BE INSTALLED AT ALL INFLOW POINTS TO STORMWATER MANAGEMENT SYSTEMS AND SHALL BE MAINTAINED FOR THE DURATION OF THE CONSTRUCTION PROJECT. RETAINED SEDIMENT SHALL BE REMOVED AT REGULAR INTERVALS OR AS DIRECTED BY THE COUNTY.

NPDES NOTIFICATION

1. ATTENTION: THE EROSION/SEDIMENTATION LOCATIONS AND DETAILS SET FORTH IN THIS SITE PLAN HAVE BEEN DEVISED BY THE PROJECT ENGINEER TO MEET THE REQUIREMENTS OF THE FEDERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PROGRAM. FAILURE TO MAINTAIN THESE CONTROLS, OR AN ILLICIT DISCHARGE RESULTING FROM THEIR FAILURE WILL LIKELY RESULT IN FINE CITATIONS. SEC. 58-239 OF PINELLAS COUNTY CODE AUTHORIZES PENALTIES OF UP TO $10,000.00 FOR EACH OFFENSE.

COORDINATION AND OPERATIONS

1. THE CONTRACTOR SHALL ACQUAINT HIS SUPERVISORS AND EMPLOYEES TO THE AIRPORT ACTIVITY AND OPERATIONS THAT ARE INHERENT TO THIS AIRPORT. HE SHALL CONDUCT HIS CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND GUIDELINES AS NOTED AND/OR SHOWN ON THE PLANS AND THE SAFETY AND SECURITY REQUIREMENTS DETAILED IN THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL CONDUCT WEEKLY COORDINATION MEETINGS TO DISCUSS WORK AREAS, SCHEDULING, SAFETY, ETC. WITH THE ENGINEER, THE AIRPORT, FAA, AND OTHER APPROPRIATE OFFICIALS. MINUTES FROM THE WEEKLY MEETINGS SHALL BE PREPARED BY THE CONTRACTOR AND COPIES DISTRIBUTED TO ALL APPROPRIATE INDIVIDUALS.
3. CONSTRUCTION AND MAINTENANCE OPERATIONS BY OTHERS MAY OCCUR CONCURRENTLY AND AT TIMES IN THE VICINITY OF CONSTRUCTION ASSOCIATED WITH THIS PROJECT. THE CONTRACTOR SHALL COORDINATE HIS OPERATIONS AND COOPERATE WITH MAINTENANCE CREWS AND OTHER CONTRACTORS WORKING ON THE AIRPORT. COORDINATION WITH APPROPRIATE GOVERNMENT AND UTILITY AGENCIES IS ALSO REQUIRED.

MATERIALS AND EQUIPMENT

1. ALL MATERIALS AND EQUIPMENT, WHEN NOT IN USE, SHALL BE PLACED IN APPROVED AREAS WHERE THEY WILL NOT CONSTITUTE A HAZARD TO AIRPORT OPERATIONS. ALL EQUIPMENT SHALL BE STORED IN A LOWERED CONFIGURATION WHEN NOT IN USE. THE APPROVED STORAGE AREA FOR EQUIPMENT AND MATERIALS IS THE CONTRACTOR'S STAGING AREA. ANY OTHER AREAS TO BE USED FOR STORAGE MUST BE APPROVED BY THE AIRPORTS PROJECT MANAGER. EQUIPMENT AND STOCKPILED MATERIAL SHALL BE CONSTRAINED IN A MANNER TO PREVENT MOVEMENT RESULTING FROM AIRCRAFT JET BLAST OR WIND CONDITIONS.
2. ALL EXCESS EXCAVATED MATERIAL, UNSUITABLE MATERIAL AND CONSTRUCTION DEBRIS SHALL BE PROMPTLY DISPOSED OF OFF AIRPORT PROPERTY UNLESS STATED OTHERWISE IN THE CONSTRUCTION PLANS OR BY THE AIRPORT.
3. ALL CONTRACTOR'S MATERIAL ORDERS FOR DELIVERY TO THE WORK SITE WILL USE A DELIVERY ADDRESS. THE DELIVERY ADDRESS SHALL BE ESTABLISHED AT THE PRECONSTRUCTION CONFERENCE.

CONSTRUCTION LAYOUT

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT. EXISTING CONDITIONS ARE SHOWN ON THE DRAWINGS. EXISTING CONDITIONS SHOWN ARE BELIEVED TO BE ACCURATE, BUT THE AIRPORT OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR THE ACCURACY OF THESE CONDITIONS. THE RE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING PRIOR TO CONSTRUCTION OF ANY DISCREPANCIES ON THE DRAWINGS. FAILURE TO NOTIFY THE ENGINEER SHALL RESULT IN A WAIVER OF THE CONTRACTOR'S RIGHT FOR A CHANGE ORDER. THE HORIZONTAL POSITIONS FOR ALL FEATURES SHOWN ARE RELATIVE TO FLORIDA STATE PLANE COORDINATE SYSTEM (NAD83/99). VERTICAL INFORMATION IS BASED UPON NGVD 29. A TOPOGRAPHIC FIELD SURVEY WAS COMPLETED BY ECHEZABAL AND ASSOCIATES ON DECEMBER 1, 2016 AND USED AS THE BASIS FOR DESIGN ON THIS PROJECT.
2. THE VERTICAL CONTROL ON THIS PROJECT IS TIED TO BENCH MARKS LOCATED ON THE AIRPORT. ALL EXISTING SURVEY MONUMENTS SHALL BE PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. ALL MONUMENTS DISTURBED BY THE CONTRACTORS OPERATIONS SHALL BE RESET BY A REGISTERED SURVEYOR AT THE CONTRACTOR'S EXPENSE.

EXISTING UTILITY & NAVIGATIONAL FACILITIES

1. BEFORE ANY WORK IS STARTED ON ANY PHASE OF THIS PROJECT AND AGAIN BEFORE FINAL ACCEPTANCE BY THE ST. PETERSBURG - CLEARWATER INTERNATIONAL AIRPORT, REPRESENTATIVES OF THE CONTRACTOR AND THE AIRPORT SHALL MAKE AN INSPECTION OF THE EXISTING STORM SEWERS, CATCH BASINS, MANHOLES, ELECTRICAL MANHOLES, HANDHOLES, DUCT BANKS, WHICH ARE TO REMAIN IN SERVICE OR WHICH MAY BE AFFECTED BY THE WORK. THE CONDITION SHALL BE DETERMINED FROM FIELD OBSERVATIONS. RECORDS OF THE INSPECTION WILL BE KEPT BY THE AIRPORT. THE CONTRACTOR SHALL PROVIDE TO THE AIRPORT A VIDEO TAPE OR DIGITAL PICTURES OF SURFACE AND SEWER CONDITIONS IN THE PROJECT AREA BEFORE START OF WORK AND UPON COMPLETION OF THE PROJECT.
2. ALL EXISTING FACILITIES, INSPECTED INITIALLY BY THE ABOVE MENTIONED PARTIES, SHALL BE PROTECTED, MAINTAINED, AND LEFT IN A CONDITION COMPARABLE TO THAT DETERMINED BY THE ORIGINAL INSPECTION. ANY CHANGES IN THE CONDITION RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS SOLE EXPENSE TO THE SATISFACTION OF THE ENGINEER.

CONTRACTOR ACCESS & STORAGE AREAS

1. THE CONTRACTOR'S ACCESS POINTS TO THE SITE SHALL BE AS SHOWN ON THE CONTRACT LAYOUT PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL VEHICLES AND PERSONNEL WHO ENTER THROUGH THESE GATES. GATES SHALL BE LOCKED WHEN NOT IN USE.
2. AREAS WILL BE MADE AVAILABLE FOR THE CONTRACTOR'S MOBILIZATION AND STAGING AS SHOWN ON THE CONTRACT LAYOUT PLAN. THESE AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION UPON COMPLETION OF THE PROJECT AT THE CONTRACTOR'S EXPENSE. ON SITE EMPLOYEE PARKING SHALL BE ADDRESSED AT THE PRE-CONSTRUCTION CONFERENCE.
3. THERE ARE NO PROPOSED STOCKPILE LOCATIONS IDENTIFIED ON THE PLANS. IF THE CONTRACTOR DOES CHOOSE TO STOCKPILE MATERIAL DURING DEMOLITION OR CONSTRUCTION, A SEPARATE PERMIT WILL BE REQUIRED AND THE CONTRACTOR MUST FOLLOW ALL APPLICABLE EROSION AND SEDIMENT CONTROL GUIDELINES.

HAUL ROUTES

TES AND STAGING AREAS ON THE AIRPORT SITE SHALL BE AS SHOWN OUT PLAN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO AUL ROUTES (STATE HIGHWAYS, COUNTY ROADS OR CITY STREETS) OWNER WHO HAS JURISDICTION OVER THE AFFECTED ROUTE. ON-SITE ING AREAS SHALL BE MAINTAINED BY THE CONTRACTOR AND SHALL ORIGINAL CONDITION UPON COMPLETION OF BEING USED AS A HAUL TOR'S EXPENSE. THE BEFORE AND AFTER CONDITION OF ON-SITE ING AREAS SHALL BE JOINTLY INSPECTED AND DOCUMENTED BY THE AND/OR ENGINEER. THE CONTRACTOR SHALL PROVIDE A VIDEO TAPE F ALL ON-SITE HAUL ROUTES AND STAGING AREAS BEFORE START OF LETION, FENCING, DRAINAGE, SEDIMENT CONTROL, GRADING AND CONSTRUCTION REQUIRED TO CONSTRUCT TEMPORARY HAUL INTS ON THE AIRPORT WILL BE THE CONTRACTOR'S TOTAL ALL BE APPROVED BY THE AIRPORT PRIOR TO THE WORK. ALL ON-SITE ORT FACILITIES SHALL REMAIN OPEN AND MAINTAINED AT ALL TIMES.

HAUL ROUTES WILL NOT BE ACCEPTABLE. THE CONTRACTOR SHALL UTES APPROVED BY THE AIRPORT PROJECT MANAGER. THE HAUL RED AT ALL TIMES. THE CONTRACTOR SHALL CONTINUOUSLY CLEAN POWER VACUUM DURING ALL PERIODS WHEN HAULING. FAILURE TO TE IN AN ACCEPTABLE MANNER WILL RESULT IN SUSPENSION OF AT ANY FOREIGN OBJECT, SPILLAGE, DEBRIS OR DUST BUILDS UP AS A E CONTRACTOR SHALL BE REQUIRED TO IMMEDIATELY CLEAN AND

WETLAND NOTES

1. THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER THE EXISTING WETLAND AREAS THAT ARE ON SITE EXCEPT AS DIRECTED BY THESE PLANS OR THE ENGINEER. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL PERMITS FOR THE SITE. THE CONTRACTOR WILL BE RESPONSIBLE AND SHALL PAY, AT NO COST TO ST. PETERSBURG CLEARWATER INTERNATIONAL AIRPORT, ANY FINE RESULTING FROM THE CONTRACTORS VIOLATION OF PERMIT CONDITIONS OR LOCAL, STATE, OR FEDERAL RULE, STATUE, OR LAW.
2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF ALL APPLICABLE PERMITS ISSUED BY ENVIRONMENTAL PERMITTING AND REGULATORY AGENCIES TO THIS SITE. THIS INCLUDES, BUT MAY NOT BE LIMITED TO SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT AND U.S. ARMY CORPS OF ENGINEERS (ACOE). ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF PERMITS AND/OR APPROVALS. COPIES OF PERMITS WILL BE AVAILABLE FROM ST. PETERSBURG - CLEARWATER INTERNATIONAL AIRPORT, AND SHALL BE POSTED OR MAINTAINED ON-SITE AS REQUIRED BY PERMIT CONDITIONS.
3. THE CONTRACTOR SHALL ESTABLISH HIS INTERNAL HAUL ROUTES IN A MANNER THAT SHALL NOT DISTURB ANY EXISTING WETLAND AREAS OR UPLAND TREES.

SUPERVISION

1. THE PRIME CONTRACTOR SHALL HAVE AT ALL TIMES ON SITE, WHILE WORK IS IN PROGRESS, A JOB SUPERINTENDENT/FOREMAN. THIS PERSON SHALL BE FAMILIAR WITH ALL TYPES OF CONSTRUCTION BEING PERFORMED AND SHALL BE THE SAME PERSON EACH DAY THROUGHOUT THE PROJECT. THE SUPERINTENDENT/FOREMAN SHALL HAVE THE RESPONSIBILITY OF COORDINATING EACH DAYS WORK WITH THE AIRPORT OR AUTHORIZED REPRESENTATIVE AND SHALL HAVE AUTHORITY TO SCHEDULE AND ADJUST ALL WORKERS, PRIME AND SUBCONTRACTORS, TO ACCOMMODATE AIRPORT OPERATION AS DIRECTED BY THE AIRPORT PERSONNEL OR AUTHORIZED REPRESENTATIVE.
2. ALL PERSONNEL SHALL CLEAR THE CONSTRUCTION AREA ONCE WORK HAS STOPPED FOR THE DAY OR EVENING, ALL MECHANICS NEEDING ACCESS TO THE AOA DURING DAYS, EVENINGS AND WEEKENDS TO WORK ON CONSTRUCTION EQUIPMENT SHALL BE ESCORTED AND HAVE THEIR VEHICLES IDENTIFIED WITH THE CONTRACTOR'S NAME AND APPROPRIATE LIGHTING.

UNDERGROUND UTILITIES

1. THE LOCATION OF THE UNDERGROUND UTILITIES AND FAA CABLES SHOWN ON THE PLANS HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND FIELD CHECKS AND ARE BELIEVED TO BE CORRECT. NO GUARANTEE IS MADE AS TO THEIR ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL LOCATE AND IDENTIFY ALL UNDERGROUND UTILITIES IN THE WORK AREA PRIOR TO CONSTRUCTION. ANY UNDERGROUND UTILITIES LOCATED WHICH DO NOT APPEAR ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. ANY DAMAGE TO UTILITIES, CAUSED BY THE CONTRACTOR, SHALL BE REPAIRED AT THE CONTRACTOR'S SOLE EXPENSE.

CONTRACTOR'S VEHICLES

1. ALL CONTRACTORS VEHICLES SHALL BE IN GOOD WORKING ORDER. ALL CONTRACTOR VEHICLES SHALL BE ESCORTED WHILE INSIDE THE A.O.A THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ESCORTS WITH THE AIRPORTS PROJECT MANAGER.
2. ALL CONTRACTOR VEHICLES/EQUIPMENT THAT ARE AUTHORIZED TO OPERATE ON THE AIRPORTS A.O.A. SHALL DISPLAY IN FULL VIEW ABOVE THE VEHICLE/EQUIPMENT A 3'x3' (MIN.) ORANGE AND WHITE CHECKER BOARD FLAG (DAY OPERATIONS). EACH CHECKER BOARD COLOR BEING ONE SQUARE FOOT. ANY VEHICLE OPERATING ON THE A.O.A. SHALL ALSO BE EQUIPPED WITH A FLASHING AMBER (YELLOW) DOME TYPE LIGHT, MOUNTED ON TOP OF THE VEHICLE AND OF SUCH INTENSITY TO CONFORM TO LOCAL AND FEDERAL CODES FOR MAINTENANCE AND EMERGENCY VEHICLES (DAY OR NIGHT OPERATIONS).

CONTRACTOR'S SAFETY AND SECURITY REQUIREMENTS

SAFETY

1. THE CONTRACTOR SHALL ACQUAINT HIS SUPERVISORS, EMPLOYEES AND SUBCONTRACTORS OF THE AIRPORT ACTIVITY AND OPERATIONS THAT ARE INHERENT OF THIS BUSY AND ACTIVE AIR CARRIER AIRPORT, AND SHALL CONDUCT HIS CONSTRUCTION ACTIVITIES TO CONFORM TO ALL ROUTINE AND EMERGENCY AIR TRAFFIC REQUIREMENTS AND GUIDELINES ON SAFETY SPECIFIED IN SPECIAL PROVISION SECTION 1 AND 2 OF THE CONTRACT DOCUMENTS.
2. NO RUNWAY, TAXIWAY, APRON OR AIRPORT ROADWAY SHALL BE CLOSED WITHOUT WRITTEN APPROVAL OF ST. PETERSBURG - CLEARWATER INTERNATIONAL AIRPORT TRANSMITTED BY THE ENGINEER, TO ENABLE NECESSARY "NOTICES TO AIRMEN" (NOTAM) OR ADVISORIES TO AIRPORT SERVICE OR TENANTS. A MINIMUM OF 48 HOURS NOTICE OF REQUESTED CLOSING SHALL BE DIRECTED TO THE ENGINEER, WHO WILL COORDINATE THE REQUEST WITH PIE OPERATIONS.
3. ANY CONSTRUCTION ACTIVITY WITHIN 250' OF AN ACTIVE RUNWAY CENTERLINE OR 129.5' FROM AN ACTIVE TAXIWAY CENTERLINE OR OPEN EXCAVATIONS IN EXCESS OF 3" INCHES DEEP WITHIN THE ABOVE AREAS, WILL REQUIRE CLOSURE OF THE AFFECTED RUNWAY OR TAXIWAY, UNLESS OTHERWISE APPROVED BY PIE OPERATIONS. CLOSURE REQUIRES THE SAME PROVISIONS AS SAFETY NOTE 2 ABOVE.
4. OPEN FLAME WELDING OR TORCH CUTTING OPERATIONS ARE PROHIBITED UNLESS ADEQUATE FIRE AND SAFETY PRECAUTIONS HAVE BEEN TAKEN AND THE PROCEDURE APPROVED.
5. STOCKPILED MATERIALS AND EQUIPMENT STORAGE IS NOT PERMITTED WITHIN THE RSA, OFA, OR OFZ OF AN OPERATIONAL RUNWAY. THE AIRPORT OPERATOR MUST ENSURE THAT STOCKPILED MATERIALS AND EQUIPMENT ADJACENT TO THESE AREAS ARE PROMINENTLY MARKED WITH RED FLAGS AND LIGHTED DURING HOURS OF RESTRICTED VISIBILITY OR DARKNESS. THIS INCLUDES DETERMINING AND VERIFYING THAT MATERIALS ARE STORED AT AN APPROVED LOCATION TO PREVENT FOREIGN OBJECT DAMAGE AND ATTRACTION BY WILDLIFE.
6. ALL DEBRIS DEPOSITED ON THE PAVEMENT DUE TO CONSTRUCTION ACTIVITIES SHALL BE REMOVED IMMEDIATELY. METHODS OF IMMEDIATE REMOVAL OF LARGE DEBRIS SUCH AS GRAVEL, DIRT CLODS, CONCRETE CHUNKS, MATERIAL CANISTERS, FORM WORK ,ETC., SHALL BE AT THE CONTRACTOR'S DISCRETION, SUBJECT TO APPROVAL OF THE ENGINEER. THE OPERATIONAL PAVEMENT MUST BE FOREIGN OBJECT-FREE AT ALL TIMES.
7. ALL TRUCKS HAULING DEBRIS FROM THE AIRPORT OR MATERIAL TO THE PROJECT SHALL BE EQUIPPED WITH TAILGATES WHICH SHUT TIGHTLY AND DO NOT PERMIT DEBRIS TO SPILL FROM THE TAILGATE AREA. TRUCK BEDS SHALL BE SWEPT CLEAN BEFORE ENTERING THE AOA OR LEAVING THE WORK AREA. SIDEBOARDS SHALL BE KEPT IN GOOD REPAIR. UNDER NO CIRCUMSTANCES WILL TRUCKS BE PERMITTED TO BE LOADED GREATER THAN LEGAL LIMIT OR HIGHER THAN THE SIDEBOARDS. TRUCKS NOT MEETING THESE REQUIREMENTS OR THAT ALLOW MATERIAL TO BE WIND BLOWN OR TO ESCAPE THEIR CONTAINMENT BEDS ONTO THE ROADWAYS OR TAXIWAYS WILL BE REMOVED FROM THE PROJECT IMMEDIATELY AT THE ENGINEER'S DIRECTION.
8. THE CONTRACTOR'S SECURITY OFFICER (C.S.O.) WILL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS, PRIOR TO THE COMMENCEMENT OF THE WORK THE C.S.O. SHALL PROVIDE THE ENGINEER AN OUTLINE OF A PROPOSED ACCIDENT AND FIRE PROTECTION PLAN FOR ALL WORK CONTEMPLATED UNDER THE CONTRACT AND CONDUCT AT LEAST ONE SAFETY MEETING EACH MONTH FOR EACH SHIFT AND REQUIRE THE ATTENDANCE OF ALL SUPERVISORS AT SUCH MEETINGS. COPIES OF THE MINUTES OF SAFETY MEETINGS SHALL BE KEPT ON FILE IN THE CONTRACTOR'S FIELD OFFICE AND AVAILABLE UPON REQUEST BY THE ENGINEER.
9. MAXIMUM CONSTRUCTION TRAFFIC SPEED ON ALL AIRPORT PROPERTY SHALL BE 15 MPH.
10. THE CONTRACTOR SHALL ACQUAINT HIMSELF WITH FAA ADVISORY CIRCULAR AC-150/5370-2G "OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION".
11. THE CONTRACTOR SHALL HAVE (ON-SITE) SUFFICIENT RADIO EQUIPMENT TO MONITOR THE AIRPORT UNICOM FREQUENCY OF 123.0. CONTRACTOR PERSONNEL AND VEHICLES SHALL GIVE WAY TO AIRCRAFT OPERATING ON THE AIRFIELD.

SECURITY

1. GENERAL INTENT: IT IS INTENDED THAT THE CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE AIRPORT SECURITY PLAN AND WITH THE SECURITY REQUIREMENTS SPECIFIED HEREIN. THE CONTRACTOR SHALL DESIGNATE TO THE ENGINEER IN WRITING, THE NAME OF HIS "CONTRACTOR SECURITY OFFICER" (C.S.O.). THE C.S.O. SHALL REPRESENT THE CONTRACTOR ON THE SECURITY REQUIREMENTS FOR THE CONTRACT
2. .THE AOA MUST REMAIN SECURE AT ALL TIMES THROUGH THE USE OF SECURED FENCING OR A CONTRACTOR PROVIDED GUARD. GUARDING IS AT THE COST OF THE CONTRACTOR. SEE SPECIFICATION 001143 AIRPORT PROJECT WORK PROCEDURES FOR ADDITIONAL INFORMATION.
3. CONTRACTOR PERSONNEL SECURITY ORIENTATION: THE CONTRACTOR SECURITY OFFICER SHALL BE RESPONSIBLE FOR BRIEFING ALL CONTRACTOR PERSONNEL ON THESE REQUIREMENTS AND OTHER SECURITY PROVISIONS. ALL NEW CONTRACTOR EMPLOYEES SHALL BE BRIEFED ON THESE REQUIREMENTS PRIOR TO WORKING IN THE CONSTRUCTION AREA.
4. ACCESS TO THE SITE: THE CONTRACTOR'S ACCESS TO THE SITE SHALL BE AS SHOWN ON THE PLANS. NO OTHER ACCESS POINTS SHALL BE ALLOWED UNLESS APPROVED BY THE ENGINEER. ALL CONTRACTOR TRAFFIC AUTHORIZED TO ENTER THE SITE SHALL BE EXPERIENCED IN THE ROUTE OR GUIDED BY CONTRACTOR PERSONNEL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC CONTROL TO AND FROM THE CONSTRUCTION AREA ON THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR IMMEDIATE CLEAN UP OF ANY DEBRIS DEPOSITED ALONG THE ACCESS ROUTE AS A RESULT OF HIS CONSTRUCTION TRAFFIC. DIRECTIONAL SIGNING AT THE ACCESS GATE AND ALONG THE DELIVERY ROUTE TO THE STORAGE AREA, PLANT SITE OR WORK SITE SHALL BE AS DIRECTED BY THE ENGINEER.
5. MATERIALS DELIVERY TO THE SITE: ALL CONTRACTOR'S MATERIAL ORDERS FOR DELIVERY TO THE WORK SITE WILL USE AS A DELIVERY ADDRESS, THE STREET NAME ASSIGNED TO THE ACCESS POINT AT THE CONTRACTOR'S STORAGE SITE AT THE AIRPORT. THIS WILL PRECLUDE DELIVERY TRUCKS FROM ENTERING INTO THE TERMINAL COMPLEX OR TAKING SHORT CUTS THROUGH THE PERIMETER GATES AND ENTERING INTO AIRCRAFT OPERATIONS AREAS INADVERTENTLY.
6. CONSTRUCTION AREA LIMITS: THE LIMITS, MATERIAL STORAGE AREAS, EQUIPMENT STORAGE AREA, PARKING AREA AND OTHER AREAS DEFINED FOR THE CONTRACTORS EXCLUSIVE USE DURING CONSTRUCTION SHALL BE MARKED BY THE CONTRACTOR. THE CONTRACTOR SHALL ERECT AND MAINTAIN AROUND THE PERIMETER OF THESE AREAS SUITABLE FENCING, MARKING AND OR WARNING DEVICES VISIBLE FOR DAY AND NIGHT USE. TEMPORARY BARRICADES, FLAGGING AND FLASHING WARNING LIGHTS WILL BE REQUIRED AT CRITICAL ACCESS POINTS. TYPE OF MARKING AND WARNING DEVICES SHALL BE APPROVED BY AIRPORT OPERATIONS, THROUGH THE ENGINEER.
7. THE CONTRACTOR'S ACCESS TO THE PROJECT SHALL BE VIA THE GATES SHOWN IN THE PLANS.
8. ALL EQUIPMENT, MATERIAL DELIVERIES AND PERSONNEL ENTERING/LEAVING THIS PROJECT SITE SHALL BE ESCORTED.

Mead & Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

St. Pete-Clearwater International

TAMPA BAY THE EASY WAY

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

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SHEET CONTENTS
GENERAL NOTES - SHEET 1

SHEET NO.
G-071

RETENTION BASIN CONSTRUCTION

RETENTION BASIN CONSTRUCTION PROCEDURES AND THE OVERALL SEQUENCE OF SITE CONSTRUCTION ARE TWO KEY FACTORS THAT CAN CONTROL THE EFFECTIVENESS OF RETENTION BASINS. THE APPLICANT MUST DEMONSTRATE THAT THE DESIGN INFILTRATION RATE WILL BE MET AFTER CONSTRUCTION BY MINIMIZING SOIL COMPACTION DURING CONSTRUCTION AND MINIMIZING THE AMOUNT OF SEDIMENT DEPOSITED INTO THE RETENTION BASIN.

BECAUSE STORMWATER MANAGEMENT SYSTEMS ARE REQUIRED TO BE CONSTRUCTED DURING THE INITIAL PHASES OF SITE DEVELOPMENT, RETENTION BASINS ARE OFTEN EXPOSED TO POOR QUALITY SURFACE RUNOFF. STORMWATER RUNOFF DURING CONSTRUCTION CONTAINS CONSIDERABLE AMOUNTS OF SUSPENDED SOLIDS, ORGANICS, CLAYS, SILTS, TRASH AND OTHER UNDESIRABLE MATERIALS. FOR EXAMPLE, THE SUBGRADE STABILIZATION MATERIAL USED DURING THE CONSTRUCTION OF ROADWAYS AND PAVEMENT AREAS TYPICALLY CONSISTS OF CLAYEY SAND OR SOIL CEMENT. IF A STORM OCCURS WHEN THESE MATERIALS ARE EXPOSED (PRIOR TO PLACEMENT OF THE ROADWAY WEARING SURFACE), CONSIDERABLE AMOUNTS OF THESE MATERIALS END UP IN THE STORMWATER CONVEYANCE SYSTEM AND THE RETENTION BASIN, HINDERING INFILTRATION THROUGH THE SYSTEM. ANOTHER SOURCE OF FINE MATERIAL GENERATED DURING CONSTRUCTION IS DISTURBED SURFACE SOIL

THAT CAN RELEASE LARGE QUANTITIES OF ORGANICS AND OTHER FINE PARTICLES. FINE PARTICLES OF CLAY, SILT, AND ORGANICS AT THE BOTTOM OF A RETENTION BASIN ALSO CREATE A POOR INFILTRATING SURFACE.

THE FOLLOWING CONSTRUCTION PROCEDURES ARE REQUIRED TO AVOID DEGRADATION OF RETENTION BASIN INFILTRATION CAPACITY DUE TO CONSTRUCTION PRACTICES:

1. THE LOCATION AND DIMENSIONS OF THE RETENTION BASIN WILL BE VERIFIED ONSITE PRIOR TO ITS CONSTRUCTION. ALL DESIGN REQUIREMENTS INCLUDING RETENTION BASIN DIMENSIONS AND DISTANCES TO FOUNDATIONS, SEPTIC SYSTEMS, WELLS, ETC., NEED TO BE VERIFIED.

2. THE LOCATION OF RETENTION BASINS WILL BE CLEARLY MARKED AT THE SITE TO PREVENT UNNECESSARY VEHICULAR TRAFFIC ACROSS THE AREA CAUSING SOIL COMPACTION.

3. INITIALLY CONSTRUCT THE RETENTION BASIN BY EXCAVATING THE BASIN BOTTOM AND SIDES TO APPROXIMATELY 12 INCHES ABOVE FINAL DESIGN GRADES.

4. EXCAVATION WILL BE DONE BY LIGHTWEIGHT EQUIPMENT TO MINIMIZE SOIL COMPACTION. TRACKED, CLEATED EQUIPMENT DOES LESS SOIL COMPACTION THAN EQUIPMENT WITH TIRES.

5. AFTER THE WATERSHED AREA CONTRIBUTING TO THE BASIN HAS BEEN FULLY STABILIZED, THE INTERIOR SIDE SLOPES AND BASIN BOTTOM WILL BE EXCAVATED TO FINAL DESIGN SPECIFICATIONS. THE EXCESS SOIL AND UNDESIRABLE MATERIALMUST BE CAREFULLY EXCAVATED AND REMOVED FROM THE BASIN SO THAT ALL ACCUMULATED SILTS, CLAYS, ORGANICS,AND OTHER FINE SEDIMENT MATERIAL HAS BEEN REMOVED FROM THE POND AREA. THE EXCAVATED MATERIAL WILL BE DISPOSED OF IN A MANNER THAT ASSURES IT WILL NOT RE-ENTER THE RETENTION BASIN.

6. ONCE THE BASIN HAS BEEN EXCAVATED TO FINAL GRADE, THE ENTIRE BASIN BOTTOM MUST BE DEEP RAKED AND LOOSENED FOR OPTIMAL INFILTRATION. THE DEPTH TO BE RAKED IS DEPENDENT ON THE TYPE, WEIGHT AND CONTACT PRESSURE OF THE CONSTRUCTION EQUIPMENT USED DURING THE BULK EXCAVATION OF THE BASIN.

AN APPLICANT MAY PROPOSE ALTERNATIVE CONSTRUCTION PROCEDURES TO ASSURE THAT THE DESIGN INFILTRATION RATE OF THE CONSTRUCTED AND STABILIZED RETENTION BASIN IS MET.

INSPECTIONS, OPERATION AND MAINTENANCE

MAINTENANCE ISSUES ASSOCIATED WITH RETENTION BASINS ARE RELATED TO CLOGGING OF THE POROUS SOILS, WHICH REDUCES OR PREVENTS INFILTRATION THEREBY SLOWING RECOVERY OF THE STORMWATER TREATMENT VOLUME AND OFTEN RESULTING IN STANDING WATER. SEDIMENTATION CAN CAUSE CLOGGING AND RESULTING SEALING OF THE BOTTOM OR SIDE SLOPE SOILS. IT CAN ALSO OCCUR FROM EXCESSIVE LOADING OF OILS AND GREASES OR FROM EXCESSIVE ALGAL OR MICROORGANISM GROWTH. STANDING WATER WITHIN A RETENTION BASIN CAN ALSO RESULT FROM AN ELEVATED HIGH WATER TABLE OR FROM GROUND WATER MOUNDING, BOTH OF WHICH CAN PRESENT LONG-TERM OPERATIONAL ISSUES THAT MAY REQUIRE REDESIGN OF THE SYSTEM.

TO DETERMINE IF AN INFILTRATION SYSTEM IS PROPERLY FUNCTIONING OR WHETHER IT NEEDS MAINTENANCE REQUIRES THAT AN INSPECTION BE DONE WITHIN 72 HOURS AFTER A STORM. THE INSPECTION SHOULD DETERMINE IF THE RETENTION BASIN IS RECOVERING ITS STORAGE VOLUME WITHIN ITS PERMITTED TIME FRAMES, GENERALLY 24 TO 72 HOURS AFTER A STORM. IF THIS IS NOT OCCURRING AND THERE IS STANDING WATER, THEN THE CAUSE MUST BE DETERMINED, AND ACTIONS UNDERTAKEN BEGINNING WITH THOSE SPECIFIED IN THE SYSTEM'S OPERATION AND MAINTENANCE PLAN.

1. INSPECTION ITEMS:
   - 1.1. INSPECT BASIN FOR STORAGE VOLUME RECOVERY WITHIN THE PERMITTED TIME, GENERALLY LESS THAN 72 HOURS. FAILURE TO PERCOLATE THE REQUIRED TREATMENT VOLUMES INDICATES REDUCTION OF THE INFILTRATION RATE AND A NEED TO RESTORE SYSTEM PERMEABILITY.
   - 1.2. INSPECT AND MONITOR SEDIMENT ACCUMULATION ON THE BASIN BOTTOM OR INFLOW TO PREVENT CLOGGING OF THE RETENTION BASIN OR THE INFLOW PIPES.
   - 1.3. INSPECT VEGETATION OF BOTTOM AND SIDE SLOPES TO ASSURE IT IS HEALTHY, MAINTAINING COVERAGE, AND THAT NO EROSION IS OCCURRING WITHIN THE RETENTION BASIN.
   - 1.4. INSPECT INFLOW AND OUTFLOW STRUCTURES, TRASH RACKS, AND OTHER SYSTEM COMPONENTS FOR ACCUMULATION OF DEBRIS AND TRASH THAT WOULD CAUSE CLOGGING AND ADVERSELY IMPACT OPERATION OF THE RETENTION BASIN.
   - 1.5. INSPECT THE RETENTION BASIN FOR POTENTIAL MOSQUITO BREEDING AREAS SUCH AS WHERE STANDING WATER OCCURS AFTER 72 HOURS OR WHERE CATTAILS, OTHER INVASIVE OR NUISANCE VEGETATION BECOMES ESTABLISHED.
2. MAINTENANCE ACTIVITIES AS-NEEDED TO PROLONG SERVICE:
   - 2.1. IF NEEDED, RESTORE THE INFILTRATION CAPACITY OF THE RETENTION BASIN SO THAT IT MEETS THE PERMITTED RECOVERY TIME FOR THE REQUIRED TREATMENT VOLUME.
   - 2.2. REMOVE ACCUMULATED SEDIMENT FROM RETENTION BASIN BOTTOM AND INFLOW AND OUTFLOW PIPES AND DISPOSE OF PROPERLY. PLEASE NOTE THAT STORMWATER SEDIMENT DISPOSAL MAY BE REGULATED UNDER CHAPTER 62-701, F.A.C (SEDIMENT REMOVAL SHOULD BE DONE WHEN THE SYSTEM IS DRY AND WHEN THE SEDIMENTS ARE CRACKING).
   - 2.3. REMOVE TRASH AND DEBRIS INFLOW AND OUTFLOW STRUCTURES, TRASH RACKS, AND OTHER SYSTEM COMPONENTS TO PREVENT CLOGGING OR IMPEDING FLOW.
   - 2.4. MAINTAIN HEALTHY VEGETATIVE COVER TO PREVENT EROSION IN THE BASIN BOTTOM, SIDE SLOPES OR AROUND INFLOW AND OUTFLOW STRUCTURES. VEGETATION ROOTS ALSO HELP TO MAINTAIN SOIL PERMEABILITY. GRASS NEEDS TO BE MOWED AND GRASS CLIPPINGS REMOVED FROM THE BASIN TO REDUCE INTERNAL NUTRIENT LOADINGS.
   - 2.5. ELIMINATE MOSQUITO BREEDING HABITATS.
   - 2.6. ASSURE THAT THE CONTRIBUTING WATERSHED AREA IS STABILIZED AND NOT A SOURCE OF SEDIMENTS.

CONSTRUCTION AND STABILIZATION REQUIREMENTS

THE FOLLOWING CONSTRUCTION PROCEDURES ARE REQUIRED TO AVOID DEGRADATION OF THE SWALE'S INFILTRATION CAPACITY DUE TO CONSTRUCTION PRACTICES.

1. THE LOCATION AND DIMENSIONS OF THE SWALE SYSTEM WILL BE VERIFIED ONSITE PRIOR TO ITS CONSTRUCTION. ALL DESIGN REQUIREMENTS INCLUDING SWALE DIMENSIONS AND DISTANCES TO FOUNDATIONS, SEPTIC SYSTEMS, AND WELLS NEED TO BE VERIFIED.

2. THE LOCATION OF SWALES WILL BE CLEARLY MARKED AT THE SITE TO PREVENT UNNECESSARY VEHICULAR TRAFFIC ACROSS THE AREA CAUSING SOIL COMPACTION.

3. EXCAVATION WILL BE DONE BY LIGHTWEIGHT EQUIPMENT TO MINIMIZE SOIL COMPACTION. TRACKED, CLEATED EQUIPMENT CAUSES LESS SOIL COMPACTION THAN EQUIPMENT WITH TIRES.

4. ENSURE THAT LATERAL AND LONGITUDINAL SLOPES MEET PERMITTED DESIGN REQUIREMENTS AND WILL NOT ERODE DUE TO CHANNELIZED FLOW OR EXCESSIVE FLOW RATES.

5. FINAL GRADING AND PLANTING OF THE SWALE SHOULD NOT OCCUR UNTIL THE ADJOINING AREAS DRAINING INTO THE SWALE ARE STABILIZED. ANY ACCUMULATION OF SEDIMENTS THAT DOES OCCUR MUST BE REMOVED DURING THE FINAL STAGES OF GRADING. THE BOTTOM SHOULD BE TILLED TO PRODUCE A HIGHLY POROUS SURFACE.

6. ENSURE THAT MEASURES ARE IN PLACE TO DIVERT RUNOFF WHILE VEGETATION IS BEING ESTABLISHED ON THE SIDE SLOPES AND BOTTOM OF THE SWALE. IF RUNOFF CANT BE DIVERTED, VEGETATION WILL BE ESTABLISHED BY STAKED SODDING OR BY THE USE OF EROSION CONTROL BLANKETS (WITH NO PLASTIC MONOFILAMENT) OR OTHER APPROPRIATE METHODS.

7. ENSURE THAT THE VEGETATION USED IN THE SWALE IS CONSISTENT WITH VALUES USED FOR MANNING'S "N" IN THE DESIGN CALCULATIONS.

8. AN APPLICANT MAY PROPOSE ALTERNATIVE CONSTRUCTION PROCEDURES TO ASSURE THAT THE DESIGN INFILTRATION RATE OF THE CONSTRUCTED AND STABILIZED SWALE SYSTEM BASIN IS MET PROVIDED IT IS ACCEPTABLE AND APPROVED BY THE COUNTY.

INSPECTIONS, OPERATION AND MAINTENANCE REQUIREMENTS

MAINTENANCE ISSUES ASSOCIATED WITH SWALES ARE RELATED TO CLOGGING OF THE POROUS SOILS WHICH REDUCES OR PREVENTS INFILTRATION THEREBY SLOWING RECOVERY OF THE STORMWATER TREATMENT VOLUME AND OFTEN RESULTING IN STANDING WATER. CLOGGING CAN RESULT FROM EROSION AND SEDIMENTATION AND THE RESULTING SEALING OF THE BOTTOM OR SIDE SLOPE SOILS. IT CAN ALSO OCCUR FROM EXCESSIVE LOADING OF OILS AND GREASES OR FROM EXCESSIVE ALGAL OR MICROORGANISM GROWTH.

TO DETERMINE IF A SWALE IS PROPERLY FUNCTIONING OR WHETHER IT NEEDS MAINTENANCE REQUIRES THAT AN INSPECTION BE DONE DURING AND SOON AFTER A STORM. THE INSPECTION SHOULD DETERMINE IF THE SWALE IS RECOVERING ITS STORAGE VOLUME WITHIN ITS PERMITTED TIME FRAMES, GENERALLY 24 TO 72 HOURS AFTER A STORM. IF THIS IS NOT OCCURRING AND RESULTS IN STANDING WATER, THEN THE CAUSE OF CLOGGING MUST BE DETERMINED AND APPROPRIATE ACTIONS UNDERTAKEN BEGINNING WITH THOSE SPECIFIED IN THE SYSTEM'S OPERATION AND MAINTENANCE PLAN.

CONSTRUCTION REQUIREMENTS

THE FOLLOWING CONSTRUCTION PROCEDURES ARE REQUIRED TO PROTECT THE VNB DURING PLANTING, IF NEEDED, AND TO AVOID DEGRADATION DUE TO CONSTRUCTION OF THE ADJACENT CONTRIBUTING AREA:

1. THE LOCATION AND DIMENSIONS OF THE VNB WILL BE VERIFIED ONSITE PRIOR TO ANY CONSTRUCTION. ALL DESIGN REQUIREMENTS INCLUDING VNB DIMENSIONS AND DISTANCES TO FOUNDATIONS, SEPTIC SYSTEMS, WELLS, ETC. NEED TO BE VERIFIED.
2. THE VNB WILL BE CLEARLY MARKED AT THE SITE TO PREVENT EQUIPMENT OR VEHICULAR TRAFFIC FROM ENTERING THE VNB (IF A NATURAL AREA) OR TO MINIMIZE COMPACTION FROM ANY EQUIPMENT ENTERING THE VNB DURING PLANTING OR ESTABLISHMENT.
3. ENSURE THAT THE VNB BUFFER LENGTH, WIDTH, AND SLOPES MEET PERMITTED DESIGN REQUIREMENTS.
4. ENSURE THAT THE VNB WILL NOT ERODE DUE TO CHANNELIZED FLOW OR EXCESSIVE FLOW RATES.
5. ENSURE THAT MEASURES ARE IN PLACE TO DIVERT RUNOFF FROM THE VNB WHILE THE ADJACENT CONTRIBUTING AREA IS BEING CLEARED AND ESTABLISHED. THE ADJACENT CONTRIBUTING AREA WILL BE STABILIZED AS QUICKLY AS POSSIBLE BY SODDING OR BY THE USE OF EROSION CONTROL BLANKETS (WITH NO PLASTIC MONOFILAMENT) OR OTHER APPROPRIATE METHODS.
6. ENSURE THAT THE VEGETATION PLANTED IN THE VNB AND ADJACENT CONTRIBUTING AREA MEETS FLORIDA-FRIENDLY™ LANDSCAPING REQUIREMENTS AND THAT ALL EXOTIC PLANTS ARE REMOVED AS SPECIFIED IN THE PERMITTED DESIGN.

INSPECTIONS, OPERATION AND MAINTENANCE

MAINTENANCE ISSUES ASSOCIATED WITH VNBS ARE RELATED TO INTEGRITY AND DAMAGE TO THE NATURAL OR PLANTED VEGETATION OR THE INFILTRATION CAPABILITIES WITHIN THE VNB. TO DETERMINE IF THE VNB IS PROPERLY FUNCTIONING OR WHETHER IT NEEDS MAINTENANCE REQUIRES THAT AN INSPECTION BE DONE DURING AND SOON AFTER A STORM. THE INSPECTION SHOULD DETERMINE IF THE VNB IS PROVIDING SHEET FLOW AND INFILTRATION OF THE REQUIRED TREATMENT VOLUME WITHIN ITS PERMITTED TIME FRAMES, GENERALLY 24 TO 72 HOURS AFTER A STORM. IF THIS IS NOT OCCURRING, THEN THE CAUSE OF MUST BE DETERMINED AND APPROPRIATE ACTIONS UNDERTAKEN BEGINNING WITH THOSE SPECIFIED IN THE SYSTEM'S OPERATION AND MAINTENANCE PLAN.

VEGETATED NATURAL BUFFERS MUST BE INSPECTED ANNUALLY BY THE OPERATION AND MAINTENANCE ENTITY TO DETERMINE IF THERE HAS BEEN ANY ENCROACHMENT OR VIOLATION OF THE TERMS AND CONDITION OF THE VNB AS DESCRIBED BELOW. REPORTS DOCUMENTING THE RESULTS OF ANNUAL INSPECTIONS WILL BE FILED WITH THE COUNTY EVERY THREE YEARS, OR UPON DISCOVERY OF ANY ENCROACHMENT OR VIOLATION OF DESIGN PARAMETERS, WHICHEVER OCCURS FIRST.

1. INSPECTION ITEMS:
   - 1.1. INSPECT VNB FOR STORAGE VOLUME RECOVERY WITHIN THE PERMITTED TIME, GENERALLY LESS THAN 72 HOURS. FAILURE TO PERCOLATE THE REQUIRED TREATMENT VOLUMES INDICATES REDUCTION OF THE INFILTRATION RATE AND A NEED TO RESTORE SYSTEM PERMEABILITY.
   - 1.2. INSPECT VNB TO ASSURE THAT INFLOW IS VIA SHEET FLOW, FOR AREAS OF CHANNELIZED FLOW THROUGH OR AROUND THE BUFFER, AND FOR AREAS WITH EROSION OR SEDIMENT ACCUMULATION INDICATING CHANNELIZED FLOW OR THAT STABILIZATION OF THE ADJACENT CONTRIBUTING AREA IS NEEDED.
   - 1.3. INSPECT VNB FOR DAMAGE BY FOOT OR VEHICULAR TRAFFIC OR ENCROACHMENT BY ADJACENT PROPERTY OWNERS.
   - 1.4. INSPECT VNB FOR ANY SIGNS OF EROSION OR SEDIMENTATION.
   - 1.5. INSPECT VNB FOR THE HEALTH AND DENSITY OF VEGETATION, AND FOR THE OCCURRENCE OF EXOTIC OR NUISANCE PLANT SPECIES.
2. MAINTENANCE ACTIVITIES AS-NEEDED TO PROLONG SERVICE:
   - 2.1. IF NEEDED, RESTORE INFILTRATION CAPABILITY OF THE VNB TO ASSURE IT MEETS PERMITTED REQUIREMENTS.
   - 2.2. REPAIR ANY AREAS WHERE CHANNELIZED FLOW IS OCCURRING AND RESTORE SHEET FLOW.
   - 2.3. REPAIR ANY AREAS WITH EROSION AND CAREFULLY REMOVE ACCUMULATED SEDIMENTS IF NEEDED TO ASSURE THE HEALTH AND FUNCTIONING OF THE VNB
   - 2.4. STABILIZE ERODING PARTS OF THE ADJACENT CONTRIBUTING AREA AS NEEDED TO PREVENT EROSION AND SEDIMENTATION.
   - 2.5. REPAIR ANY DAMAGE TO THE VNB BY FOOT OR VEHICULAR TRAFFIC AND REMOVE ANY FENCES OR OTHER MATERIALS THAT HAVE BEEN PLACED IN THE VNB BY ADJACENT PROPERTY OWNERS.
   - 2.6. MAINTAIN THE VNB VEGETATION AND, IF NECESSARY, REPLANT THE VNB WITH APPROVED FLORIDA-FRIENDLY™ VEGETATION AS NEEDED TO ASSURE SHEET FLOW AND PREVENT EROSION AND SEDIMENTATION. REMOVE ANY EXOTIC OR NUISANCE SPECIES INCLUDING THOSE LISTED AS "UNDESIRABLE SPECIES" PROVISIONS IN CHAPTER 138, ARTICLE X, DIVISION 3.- OF THE PINELLAS COUNTY CODE AND ON THE FLORIDA EXOTIC PEST PLANT COUNCIL INVASIVE PLANT LIST WITHIN THE VNB.

ALL REPAIRS TO THE VNB MUST BE MADE AS SOON AS PRACTICAL IN ORDER TO PREVENT ADDITIONAL DAMAGE TO THE BUFFER. REPAIRED AREAS MUST BE RE-ESTABLISHED WITH APPROVED FLORIDA-FRIENDLY™ OR NATIVE VEGETATION.

DETENTION POND CONSTRUCTION

WET DETENTION BASIN CONSTRUCTION PROCEDURES ARE IMPORTANT IN ASSURING THE LONG-TERM OPERATION AND SAFETY OF THE SYSTEM, ESPECIALLY IF THE POND IS CONSTRUCTED USING AN EMBANKMENT RATHER THAN THROUGH EXCAVATION. IN EITHER CASE, IT IS IMPORTANT THAT THE DISCHARGE STRUCTURE BY PROPERLY DESIGNED AND CONSTRUCTED TO PREVENT ITS FAILURE.

THE FOLLOWING CONSTRUCTION PROCEDURES ARE REQUIRED TO ASSURE PROPER CONSTRUCTION OF THE WET DETENTION POND:

1. THE LOCATION AND DIMENSIONS OF THE DETENTION POND WILL BE VERIFIED ONSITE PRIOR TO ITS CONSTRUCTION. ALL DESIGN REQUIREMENTS INCLUDING DETENTION POND DIMENSIONS AND DISTANCES TO FOUNDATIONS, SEPTIC SYSTEMS, AND WELLS NEED TO BE VERIFIED.
2. ONCE EXCAVATION OF THE WET DETENTION POND BEGINS, THE SOIL TYPES NEED TO BE VERIFIED TO ENSURE THAT THEY ARE SUITABLE FOR THE POND.
3. IF THE WET DETENTION POND IS BEING CREATED BY CONSTRUCTION OF AN EMBANKMENT, RATHER THAN SOLELY THROUGH EXCAVATION, SPECIAL ATTENTION DURING CONSTRUCTION MUST BE FOCUSED ON THE EMBANKMENT'S CONSTRUCTION, ESPECIALLY OF ANY PIPES THAT ARE PART OF THE DISCHARGE STRUCTURE THAT ARE BUILT THROUGH THE EMBANKMENT.
4. TO MINIMIZE THE POTENTIAL THAT AN EMBANKMENT WILL FAIL, INSPECTION OF THE STRUCTURE THROUGHOUT ITS CONSTRUCTION ARE NEEDED TO ASSURE THAT COMPONENTS SUCH AS ANTI-SEEP COLLARS OR DIAPHRAGMS AND SOIL COMPACTION ARE DONE PROPERLY.
5. ALL ELEVATIONS NEED TO BE VERIFIED IN THE FIELD AS CONSTRUCTION OCCURS TO ASSURE THAT THEY ARE CONSISTENT WITH PERMITTED PLAN SPECIFICATIONS.
6. ALL INLETS AND OUTLETS WILL BE STABILIZED AS SET FORTH IN THE PERMITTED PLANS TO PREVENT EROSION, SCOUR, AND SEDIMENTATION. AN APPLICANT MAY PROPOSE ALTERNATIVE CONSTRUCTION PROCEDURES TO ASSURE THAT THE DESIGN INFILTRATION RATE OF THE CONSTRUCTED AND STABILIZED RETENTION BASIN IS MET.

INSPECTIONS, OPERATION AND MAINTENANCE

MAINTENANCE ISSUES ASSOCIATED WITH WET DETENTION PONDS INCLUDE ASSURING THAT SEDIMENTS ARE NOT ACCUMULATING TO SUCH A DEGREE THAT THEY ARE DECREASING THE REQUIRED STORAGE VOLUME AND ASSURING THAT ALL INLETS, OUTLETS, AND DISCHARGE STRUCTURES ARE NOT CLOGGED OR DAMAGED STRUCTURALLY.

1. INSPECTION ITEMS:
   - 1.1. INSPECT BASIN FOR EXCESSIVE SEDIMENT ACCUMULATIONS THAT DECREASE THE WET DETENTION POND'S PERMITTED STORAGE VOLUME.
   - 1.2. INSPECT INFLOW AND OUTFLOW STRUCTURES, TRASH RACKS, SKIMMERS, AND OTHER SYSTEM COMPONENTS FOR ACCUMULATION OF DEBRIS AND TRASH THAT WOULD CAUSE CLOGGING AND ADVERSELY IMPACT OPERATION OF THE WET DETENTION POND.
   - 1.3. IF AN EMBANKMENT IS USED, INSPECT TO ENSURE THAT NO PIPING OF WATER IS OCCURRING THROUGH THE EMBANKMENT AND THAT THERE IS NO DAMAGE OR STRUCTURAL INTEGRITY ISSUES.
   - 1.4. INSPECT VEGETATION ON SIDE SLOPES TO ASSURE IT IS HEALTHY, MAINTAINING COVERAGE, AND THAT NO EROSION IS OCCURRING.
   - 1.5. INSPECT THE WET DETENTION POND FOR POTENTIAL MOSQUITO BREEDING PROBLEMS
   - 1.6. INSPECT WET DETENTION POND AND, IF APPLICABLE, LITTORAL ZONE TO ASSURE THAT CATTAILS OR OTHER INVASIVE VEGETATION ARE NOT BECOMING ESTABLISHED.
2. MAINTENANCE ACTIVITIES AS-NEEDED TO PROLONG SERVICE:
   - 2.1. IF NEEDED, REMOVE ACCUMULATED SEDIMENTS TO RESTORE PERMITTED STORAGE VOLUME AND DISPOSE OF PROPERLY PLEASE NOTE THAT STORMWATER SEDIMENT DISPOSAL MAY BE REGULATED UNDER CHAPTER 62-701,F.A.C.
   - 2.2. REMOVE TRASH AND DEBRIS FROM INFLOW AND OUTFLOW STRUCTURES, TRASH RACKS, AND OTHER SYSTEM COMPONENTS TO PREVENT CLOGGING OR IMPEDING FLOW.
   - 2.3. MAINTAIN HEALTHY VEGETATIVE COVER TO PREVENT EROSION OF SIDE SLOPES OR AROUND INFLOW AND OUTFLOW STRUCTURES. REMOVE ANY TREES OR SHRUBS THAT MAY HAVE BECOME ESTABLISHED ON THE DISCHARGE STRUCTURE EMBANKMENT, IF APPLICABLE.
   - 2.4. ELIMINATE MOSQUITO BREEDING HABITATS SUCH AS THICK GROWTHS OF CATTAILS AND ENSURE THAT MOSQUITO FISH ARE PRESENT IN THE WET DETENTION POND.
   - 2.5. REMOVE CATTAILS AND OTHER EXOTIC VEGETATION FROM THE LITTORAL ZONE, IF APPLICABLE, AND REPLANT APPROPRIATE VEGETATION IF NEEDED TO MEET LITTORAL ZONE REQUIREMENTS.

GENERAL CONSTRUCTION NOTES

1. ALL DESIGN AND CONSTRUCTION MUST CONFORM TO THE MINIMUM STANDARDS SET DOWN IN PINELLAS COUNTY LAND DEVELOPMENT, ZONING AND/OR RELATED ORDINANCES AND MINIMUM TESTING FREQUENCY REQUIREMENTS.
2. ALL ELEVATIONS MUST BE PER NAVD88.
3. ALL DISTURBED AREAS WITHIN THE RIGHT-OF-WAY WILL BE COMPACTED TO 100% OF MAXIMUM DENSITY AND SODDED.
4. ALL PUBLIC SIDEWALK THAT IS DAMAGED, BOTH PREVIOUSLY EXISTING DAMAGE OR DAMAGE THAT IS A DIRECT RESULT OF THIS PROJECT, OR THAT DOES NOT MEET ADA CRITERIA SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE COUNTY INSPECTOR.
5. DETENTION AREAS SHALL BE ROUGHED OUT PRIOR TO OTHER SITE GRADING AS A MEANS OF EROSION CONTROL.
6. CONSTRUCTION OF STORMWATER FILTER DRAINS (UNDERDRAINS) AND UNDERGROUND STORMWATER STORAGE SHALL BE INSPECTED BY THE ENGINEER OF RECORD WITH AN INSPECTION REPORT (PHOTO DOCUMENTATION INCLUDED) PROVIDED TO THE COUNTY.
7. SILT FENCE SHALL BE INSTALLED AT ALL INFLOW POINTS TO STORMWATER MANAGEMENT SYSTEMS AND SHALL BE MAINTAINED FOR THE DURATION OF THE CONSTRUCTION PROJECT. RETAINED SEDIMENT SHALL BE REMOVED AT REGULAR INTERVALS OR AS DIRECTED BY THE COUNTY. (PLEASE SHOW ON PLANS)
8. UPON COMPLETION OF THE PROJECT, THE ENGINEER OF RECORD SHALL COMPLETE THE ORIGINAL CERTIFICATION OF PROJECT COMPLETION FORM (ENCLOSED) AND SUBMIT 2 ORIGINAL COPIES OF RECORD DRAWINGS, ELECTRONIC FILES (BOTH PDF AND DWG) AND INDEPENDENT TESTING REPORTS FOR WORK PERFORMED WITHIN PINELLAS COUNTY RIGHTS-OF-WAY.
9. A CERTIFICATE OF OCCUPANCY INSPECTION CANNOT BE REQUESTED OR SCHEDULED WEDNESDAYS OR FRIDAYS.

RIGHT- OF- WAY

1. ALL PROPOSED RIGHT-OF-WAY WORK SHALL COMPLY WITH FDOT STANDARD PLANS FOR ROADWAY CONSTRUCTION (LATEST EDITION), UNLESS OTHERWISE SPECIFIED IN PINELLAS COUNTY STANDARD DETAILS.
2. ALL RIGHT-OF-WAY INSTALLATION WILL BE IN ACCORDANCE WITH PRACTICES REFERENCED IN THE STATE OF FLORIDA UTILITIES ACCOMMODATIONS MANUAL.
3. SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH THE US DEPARTMENT OF TRANSPORTATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" AND THE FLORIDA DEPARTMENT OF TRANSPORTATION'S "STANDARD PLANS" INDEXES 102-600 THROUGH 102-670 (LATEST EDITIONS). ALL PROPOSED WORK SHALL COMPLY WITH FDOT STANDARD PLANS FOR ROADWAY CONSTRUCTION (LATEST EDITION), UNLESS OTHERWISE SPECIFIED IN PINELLAS COUNTY STANDARD DETAILS.
4. SAFE PEDESTRIAN TRAFFIC IS TO BE MAINTAINED AT ALL TIMES.
5. SIDEWALKS ARE TO BE RECONSTRUCTED WITHIN THREE (3) DAYS AFTER REMOVAL. WHEN EXISTING SIDEWALK IS REMOVED, IT IS TO BE REMOVED TO THE NEAREST JOINT.
6. PLACE EXPANSION JOINTS WHERE 4" AND 6" CONCRETE ABUT.
7. PLACE EXPANSION JOINT BETWEEN BACK-OF-CURB AND CONCRETE DRIVEWAY.
8. COMPACTION FOR PIPE BACKFILL SHALL COMPLY WITH AASHTO T-99 (100%).
9. DISTURBED AREA WITHIN THE RIGHT OF WAY WILL BE COMPACTED TO 100% OF MAXIMUM DENSITY AND SODDED.
10. PROVIDE A MINIMUM OF 3' COVER OVER UTILITIES AT ALL DITCH CROSSINGS.
11. THE PERMITTEE'S ATTENTION IS DIRECTED TO THE PROVISIONS OF THE TRENCH SAFETY ACT (FLORIDA STATUTES, SECTION 553.60 ET. SEQ.) AND THE OCCUPATION SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS (29 C.F.R. SECTION 1926.650, SUBPART P) WHICH SHALL APPLY TO CONSTRUCTION, OPERATION AND MAINTENANCE PURSUANT TO THIS PERMIT.
12. DO NOT DISTURB EXISTING UNDERDRAIN OR STORM SYSTEMS. IF FILTRATION BED IS DISTURBED, CONTACT THE AREA INSPECTOR WITH THE PINELLAS COUNTY HIGHWAY DEPARTMENT AT 464-8900 FOR ASSISTANCE.

PAY ITEM NOTES

1. SPECIFIC TECHNICAL SPECIFICATIONS HAVE BEEN CREATED FOR THIS PROJECT AND INCLUDED IN THE PROJECT MANUAL. THE REMAINDER OF THE MATERIALS TO BE USED IN THE SITE WORK FOR THIS PROJECT RELATED TO THE CIVIL-SITE SCOPE SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, FY2023-24 EDITION. THESE SPECIFICATIONS ARE NOT PROVIDED IN THE PROJECT DOCUMENTS AND ARE TO BE OBTAINED BY THE CONTRACTOR.
2. ANY MODIFICATIONS TO THESE SPECIFICATIONS HAVE BEEN NOTED ON THE PLANS WHERE APPLICABLE. ANY NOTES PERTAINING TO MEASUREMENT OR PAYMENT PROCEDURES NOTED ON THE PLANS SHALL OVERRIDE MEASUREMENT OR PAYMENT PROCEDURES IN THE FDOT SPECIFICAITONS.
3. WITHIN THE FDOT SPECIFICATIONS ANY TESTING MENTIONED TO BE PERFORMED BY THE "ENGINEER" OR "DEPARTMENT", SHALL BE REPLACED WITH THE "CONTRACTOR". THE CONTRACTOR SHALL PROVIDE ALL TESTING REQUIRED.

Mead & Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

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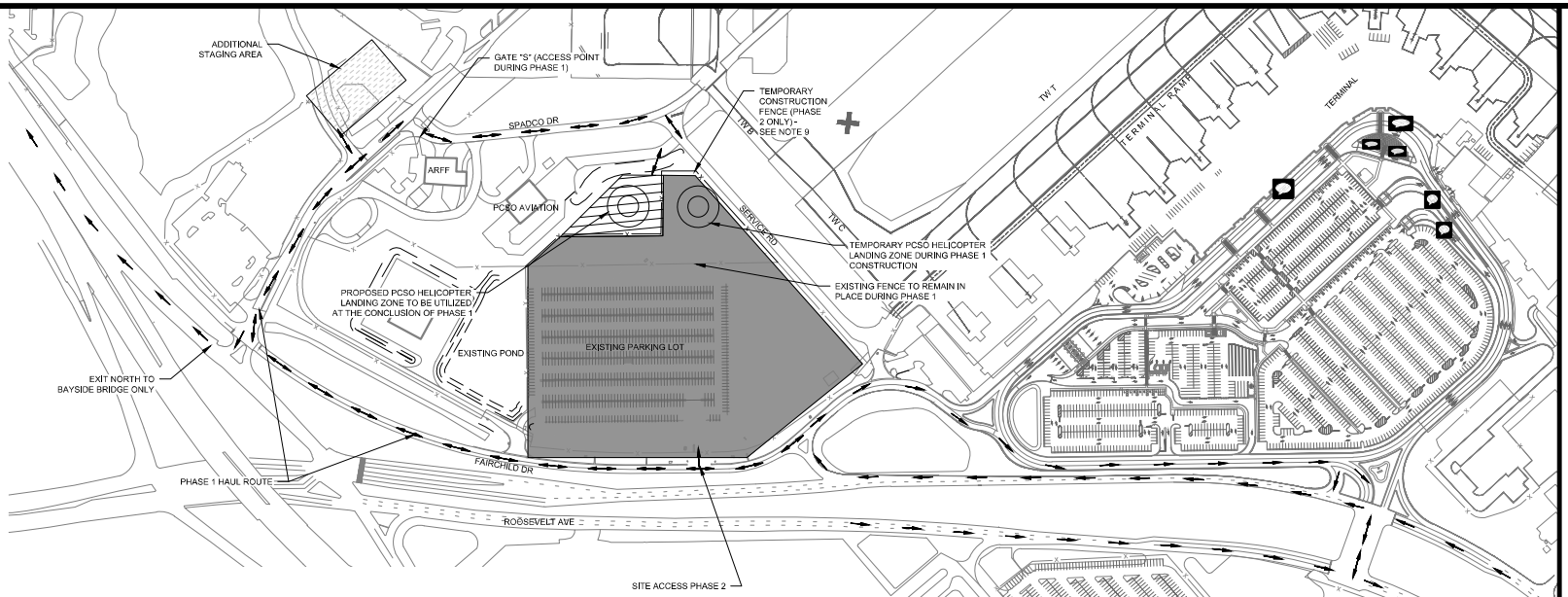
ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

MAIN NO.: 4625000-221000.01
DATE: OCTOBER 27, 2023
DESIGNED BY: RAD
DRAWN BY: ACC
CHECKED BY: DES
DO NOT SCALE DRAWINGS

SHEET CONTENTS
GENERAL NOTES - SHEET 2

SHEET NO.
G-072



PHASE 0 (60 CALENDAR DAYS): MOBILIZATION

THE MOBILIZATION PHASE SHALL BEGIN IMMEDIATELY UPON CONTRACT AWARD. DURING THIS PHASE OF THE PROJECT, NO WORK SHALL BE CONDUCTED THAT RESTRICTS AIRPORT OPERATIONS UNLESS AUTHORIZED BY THE AIRPORT.

MOBILIZATION WORK SHALL INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

1. SUBMITTALS:
   - A. PROCESSING OF REQUIRED MATERIALS/EQUIPMENT SUBMITTALS AND THE CONTRACTOR'S PROPOSED WORK SCHEDULE.
   - B. ALL PRE-QUALIFICATION TESTING, REVIEW, AND APPROVALS.
   - C. MATERIAL DELIVERY SCHEDULE. INCLUDING MATERIAL DELIVERY DATE TO JOB SITE OR TO THE CONTRACTOR'S YARD.
2. DURING MOBILIZATION, THE CONTRACTOR SHALL BE ALLOWED TO PERFORM LAYOUT, LOCATES, STAKING, AND OTHER PREP WORK AS APPROVED BY THE AIRPORT.
3. IT IS THE AIRPORT'S INTENT THAT ALL PRELIMINARY WORK BE COMPLETED DURING THE MOBILIZATION PHASE TO ENSURE CONSTRUCTION CAN BE PURSUED DILIGENTLY AND WITHOUT UNNECESSARY DELAY. SCHEDULE DATES SHALL NOT BE CHANGED, ONCE ESTABLISHED, UNLESS COORDINATION WITH THE CA TEAM AND FINAL APPROVAL OF THE AIRPORT.

PHASE 1 (20 CALENDAR DAYS)

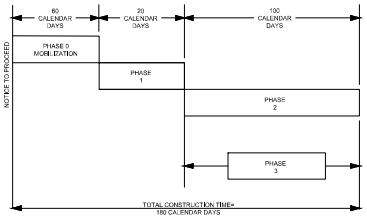
PHASE 1 SHALL CONSIST OF ALL WORK WITHIN THE EXISTING PINELLAS COUNTY SHERIFF'S OFFICE (PCSO) LANDING AREA INCLUDING SITE PREPARATION, GRADING, AND PAVING. THE LANDING AREA SHALL BE TEMPORARILY RELOCATED DURING THIS PHASE. THIS WORK IS WITHIN THE AOA AND ACCESS TO THE SITE SHALL BE THOUGH GATE "S". THE EXISTING STRAWBERRY LOT SHALL REMAIN OPEN DURING THE PHASE.

PHASE 2 (100 CALENDAR DAYS)

PHASE 2 SHALL CONSIST OF ALL WORK IN THE STRAWBERRY LOT NOT COMPLETED IN PHASE 1. THIS INCLUDES EXPANSION OF THE POND, GRADING, DRAINAGE, PAVING, UTILITIES, ENTRANCE AND EXIT PLAZA, FENCING, STRIPING, SIGNAGE, AND ALL ASSOCIATED WORK AS DEFINED IN THE CONSTRUCTION DOCUMENTS. THE STRAWBERRY LOT WILL BE CLOSED DURING THIS PHASE. THE TEMPORARY FENCE SHALL BE INSTALLED PRIOR TO THIS PHASE SO WORK CAN BE COMPLETED OUTSIDE THE AOA.

PHASE 3 (60) CALENDAR DAYS)

PHASE 3 SHALL CONSIST OF ALL WORK IN THE FUTURE EMPLOYEE LOT. THIS PHASE MAY BE COMPLETED AT ANY TIME DURING PHASE 2, BUT ALL WORK IN THIS AREA SHALL BE COMPLETED IN 60 DAYS. IF ADDITIVE ALTERNATIVE 1 IS NOT AWARDED, PHASE 3 WILL NOT BE INCLUDED IN THE CONTRACT DURATION.



CONSTRUCTION PHASING DIAGRAM
NOT TO SCALE

GENERAL PHASING NOTES:

1. EXACT HAUL ROUTES SUBJECT TO CHANGE DUE TO ONGOING FDOT GATEWAY ROADWAY PROJECT IMPACTING ROOSEVELT AVENUE.
2. ALL WORK IN PHASE 1 SHALL OCCUR WITHIN THE AIRPORT OPERATIONS AREA (AOA). CONTRACTOR SHALL BE REQUIRED TO FOLLOW ALL BADGING, ACCESS, AND ESCORT REQUIREMENTS AS STATED IN THE CONTRACT DOCUMENTS. ACCESS TO THE SITE SHALL BE THROUGH GATE "S" DURING THIS PHASE. THE EXISTING STRAWBERRY LOT SHALL REMAIN OPEN IN THIS PHASE AND ALL EXISTING FENCE SHALL BE LEFT IN PLACE.
3. EXTREME CAUTION SHALL BE USED DURING THIS PHASE TO AVOID IMPACT TO PCSO HELICOPTER OPERATIONS. THE PCSO WILL BE OPERATING IN THE TEMPORARY LOCATION AS SHOWN ON THE PLAN. A PCSO REPRESENTATIVE WILL ATTEND THE PRECONSTRUCTION MEETING SO THAT SAFETY AND A DETAILED WORK PLAN IN THE AREA CAN BE DISCUSSED.
4. UPON COMPLETION OF PHASE 1, A TEMPORARY FENCE SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS. THE CONTRACTOR CAN UTILIZE THE PROPOSED PERMANENT BARRICADE PAVEMENT FENCE THAT IS SHOWN ON THE CONSTRUCTION PLANS FOR THE PORTION OF TEMPORARY FENCE LOCATED ON NEW PAVEMENT.
5. UPON ACCEPTANCE OF THE PHASE 1 WORK, INSTALLATION OF TEMPORARY FENCE, AND RELOCATION OF PCSO HELICOPTER OPERATIONS TO THE PROPOSED LOCATION, PHASE 2 WORK CAN BEGIN. THE EXISTING STRAWBERRY LOT WILL BE CLOSED AT THIS TIME AND REMAIN CLOSED FOR THE REMAINDER OF THE PROJECT.
6. THERE WILL BE TIMES DURING PHASE 2 WHEN THE TEMPORARY FENCE NEEDS TO BE RELOCATED AND/OR REMOVED SO THAT GRADING AND PAVING CAN BE COMPLETED AND CONNECTED WITH THE PHASE 1 WORK. THE CONTRACTOR SHALL FOLLOW ALL AOA SECURITY OPERATIONS AS DONE IN PHASE 1 DURING THESE TIMES. ANY OPEN PENETRATIONS IN THE AOA FENCE SHALL BE MANNED AT ALL TIMES.
7. DURING PHASE 2 IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE STRAWBERRY LOT SITE AS NEEDED USING EXISTING/TEMPORARY/PROPOSED FENCE AND GATES IF THEY CHOOSE. THE STRAWBERRY LOT IS NOT A SECURE SITE AND IT IS NOT THE RESPONSIBILITY OF THE AIRPORT TO SECURE THE SITE DURING CONSTRUCTION.
8. THE CONTRACTOR MAY STAGE MATERIALS AND EQUIPMENT WITHIN THE PROJECT SITE. IF ADDITIONAL AREA IS REQUIRED OR DESIRED AN ADDITIONAL STAGING AREA HAS BEEN SHOWN ON THE PLANS. ACCESS ROUTES TO ALL PHASES OF WORK SHALL NOT CHANGE IF THIS STAGING AREA IS UTILIZED
9. TEMPORARY FENCE SHALL BE 8 FT,T ALL WITH 3 STRANDS OF BARBED WIRE AND MEET ALL AIRPORT AOA SECURITY REQUIREMENTS. BARBED WIRE SHALL BE FACING OUTWARDS FROM THE AOA AND SHALL BE INSTALLED BEFORE ANY EXISTING FENCE IS REMOVED SO THAT A SECURE AOA IS MAINTAINED. PERMANENT FENCE MAY BE USED AS TEMPORARY FENCE AND RELOCATED TO ITS FINAL LOCATION WHEN THE TEMPORARY FENCE IS NO LONGER NEEDED. NO SEPARATE PAYMENT WILL BE MADE FOR TEMPORARY FENCE.

Mead & Hunt
Mead and Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

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PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
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DRAWN BY:	ACC
CHECKED BY:	DES

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SHEET CONTENTS
CONSTRUCTION OPERATIONS & SAFETY PHASING PLAN

SHEET NO.
G-081

X:\4625000\221000.01\TECH\CAD\DRAWINGS\SHEETS\G-081 OVERALL CONSTRUCTION SAFETY & PHASING PLAN.DWG
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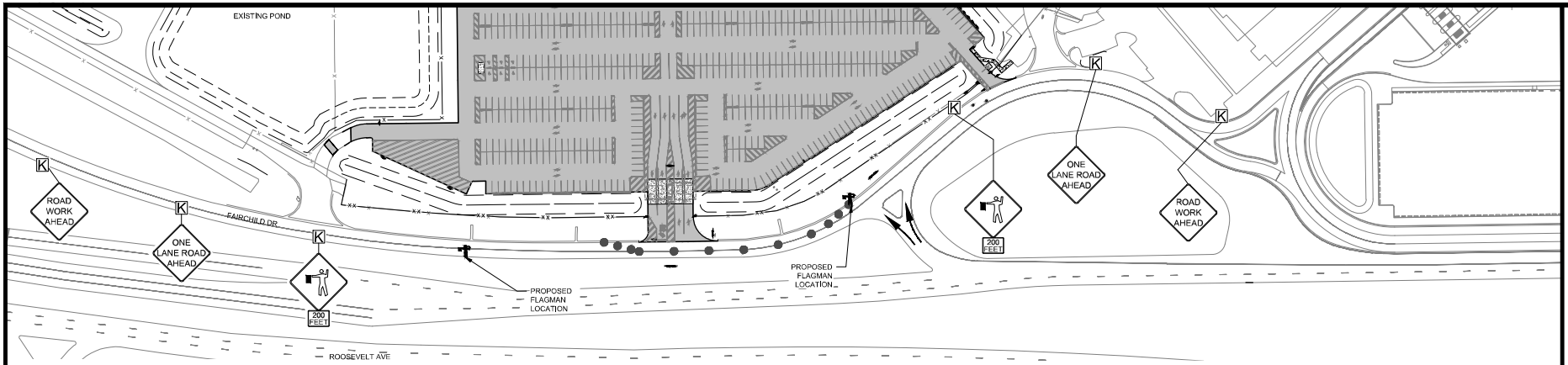
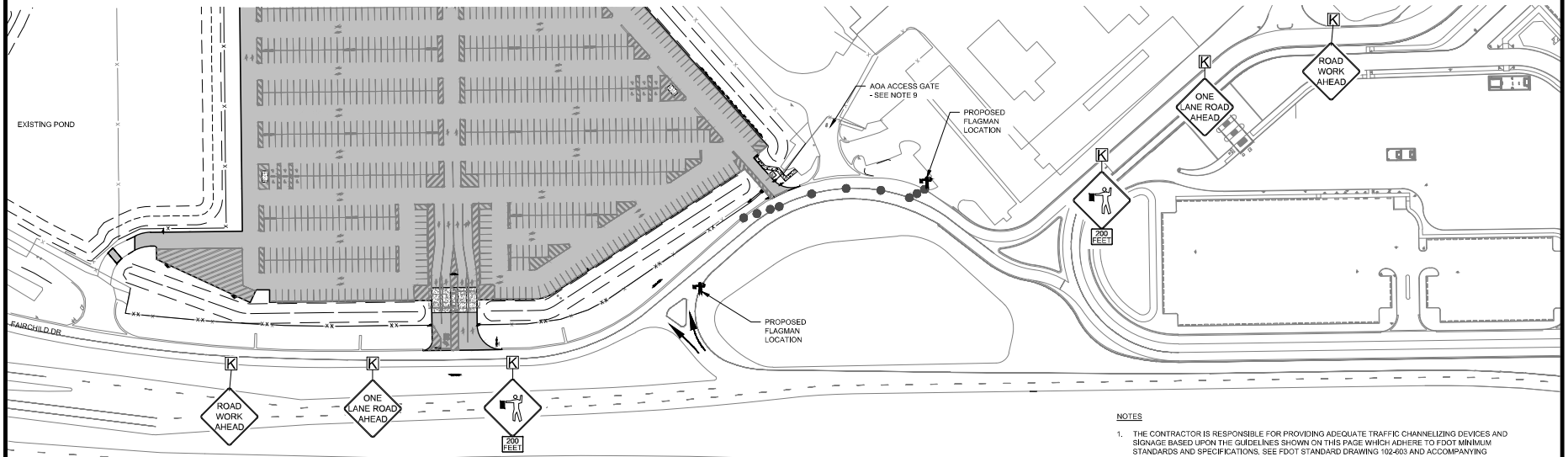


FAIRCHILD DRIVE MOT PLAN
ENTRY EXIT PLAZA
1 — 1" = 75'



FAIRCHILD DRIVE MOT PLAN
NEW BUS EXIT DRIVE
2 — 1" = 75'

LEGEND

- FLAGGER WITH STOP-SLOW PADDLE
- STRIPED DRUM
- K — PORTABLE MOUNTED SIGN - MINIMUM HEIGHT OF 1 FT ABOVE EDGE OF PAVEMENT; INSTALLED AS PER NCHRP 350 TESTING REQUIREMENTS.

NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE TRAFFIC CHANNELIZING DEVICES AND SIGNAGE BASED UPON THE GUIDELINES SHOWN ON THIS PAGE WHICH ADHERE TO FDOT MINIMUM STANDARDS AND SPECIFICATIONS. SEE FDOT STANDARD DRAWING 102-603 AND ACCOMPANYING PAGES FOR ADDITIONAL INFORMATIONAL AND SIGNAGE SPACING/PLACEMENT REQUIREMENTS. CONSTRUCTION SIGNAGE TO BE MUTCD STANDARD CONSTRUCTION SIGNAGE.
2. COST OF ALL TEMPORARY CONSTRUCTION SIGNAGE AND MAINTENANCE OF TRAFFIC EFFORTS TO BE INCLUDED UNDER PAY ITEM 102-1.
3. THIS PLAN SHALL BE IMPLEMENTED PRIOR TO BEGINNING ANY CONSTRUCTION THAT WILL IMPACT THE NORTHBOUND LANE ON FAIRCHILD DRIVE (DEMOLITION AND PAVING OF BUS EXIT DRIVE AND NEW PARKING LOT ENTRANCE/EXIT), AND USED WHEN THIS WORK IS OCCURRING. THE CONTRACTOR SHALL SUBMIT HIS PROPOSED MAINTENANCE OF TRAFFIC PLAN TO THE ENGINEER FOR REVIEW PRIOR TO IMPLEMENTATION.
4. ALL SIGNS ON THE TRAFFIC CONTROL PLAN ARE TEMPORARY AND SHOULD BE REMOVED AT THE CONCLUSION OF CONSTRUCTION.
5. SEE SHEET G081 FOR ADDITIONAL INFORMATION ON CONSTRUCTION WORK REQUIREMENTS AND DURATIONS.
6. SHOULD THE CONTRACTOR CHOOSE TO WORK ON BOTH THE MAIN ENTRANCE/EXIT AND NEW BUS EXIT DRIVE AT THE SAME TIME, THE MOT PLAN WILL BE MODIFIED TO ACCOUNT FOR THIS CLOSURE. A REVISED MOT PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
7. ACCESS TO THE AOA ACCESS GATE AND ALLEGIANT PARKING LOT SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. FLAGMAN SHALL COORDINATE ACCESS OF THESE VEHICLES.

Mead & Hunt
Mead and Hunt, Inc.
2203 North Lois Avenue, Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

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CHECKED BY:	DES

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SHEET CONTENTS
FAIRCHILD DRIVE MAINTENANCE OF TRAFFIC PLAN

SHEET NO.
G-082

X:\4625000\221000.01\TECH\CAD\DRAWINGS\SHEETS\G-082 FAIRCHILD DRIVE MAINTENANCE OF TRAFFIC PLAN.DWG
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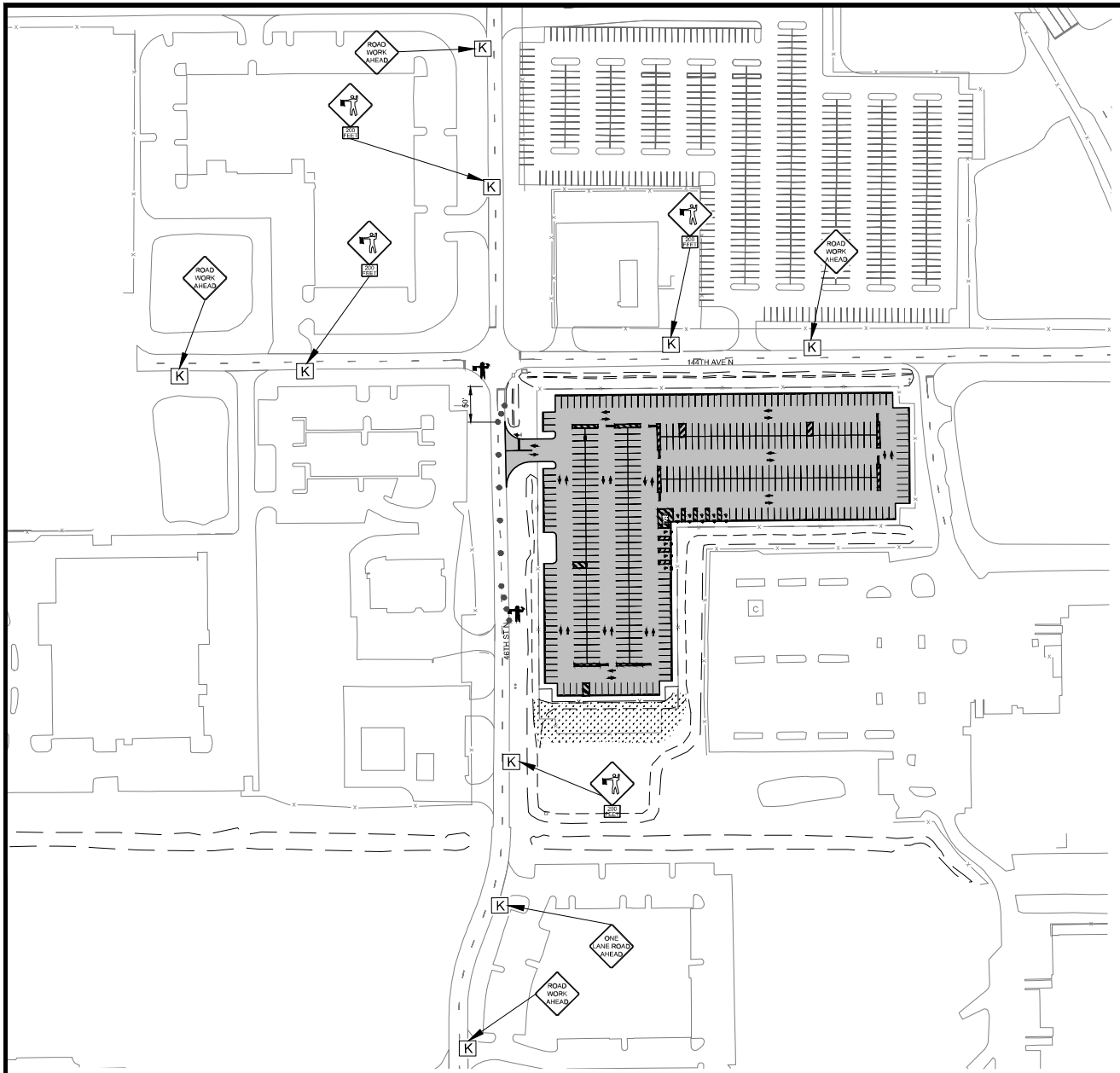
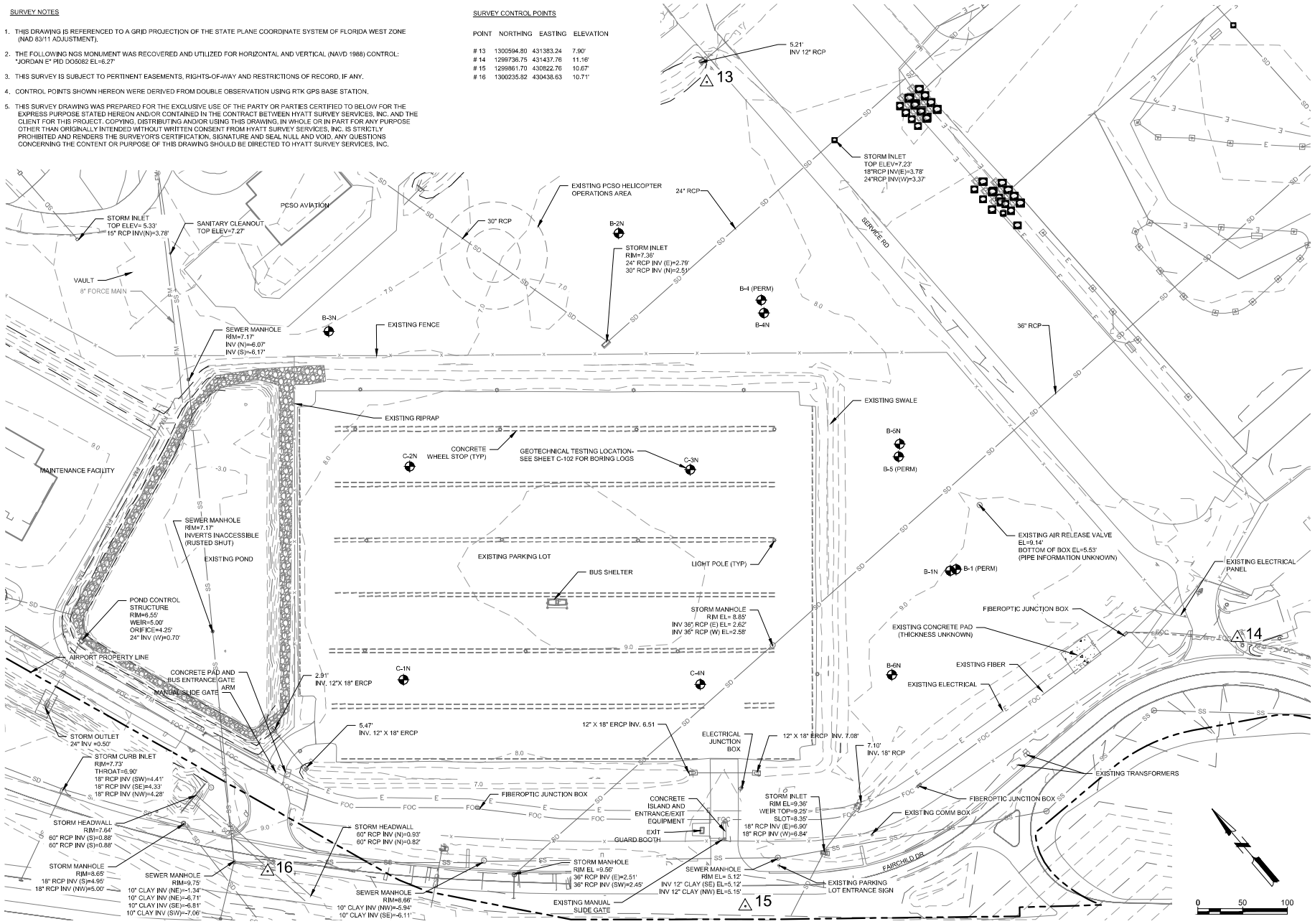

ROAD WORK AHEAD
200 FEET
ROAD WORK AHEAD
200 FEET
200 FEET
ROAD WORK AHEAD
K
K
K

SURVEY NOTES

1. THIS DRAWING IS REFERENCED TO A GRID PROJECTION OF THE STATE PLANE COORDINATE SYSTEM OF FLORIDA WEST ZONE (NAD 83/11 ADJUSTMENT).
2. THE FOLLOWING NGS MONUMENT WAS RECOVERED AND UTILIZED FOR HORIZONTAL AND VERTICAL (NAVD 1988) CONTROL: "JORDAN E" PID DO5082 EL=6.27'
3. THIS SURVEY IS SUBJECT TO PERTINENT EASEMENTS, RIGHTS-OF-WAY AND RESTRICTIONS OF RECORD, IF ANY.
4. CONTROL POINTS SHOWN HEREON WERE DERIVED FROM DOUBLE OBSERVATION USING RTK GPS BASE STATION.
5. THIS SURVEY DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF THE PARTY OR PARTIES CERTIFIED TO BELOW FOR THE EXPRESS PURPOSE STATED HEREON AND/OR CONTAINED IN THE CONTRACT BETWEEN HYATT SURVEY SERVICES, INC. AND THE CLIENT FOR THIS PROJECT. COPYING, DISTRIBUTING AND/OR USING THIS DRAWING, IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT WRITTEN CONSENT FROM HYATT SURVEY SERVICES, INC. IS STRICTLY PROHIBITED AND RENDERS THE SURVEYOR'S CERTIFICATION, SIGNATURE AND SEAL NULL AND VOID. ANY QUESTIONS CONCERNING THE CONTENT OR PURPOSE OF THIS DRAWING SHOULD BE DIRECTED TO HYATT SURVEY SERVICES, INC.

SURVEY CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION
# 13	1300594.80	431383.24	7.90'
# 14	1299736.75	431437.76	11.16'
# 15	1299861.70	430822.76	10.67'
# 16	1300235.82	430438.63	10.71'



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2203 North Lois Avenue, Suite 225
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SHEET CONTENTS
EXISTING CONDITIONS

SHEET NO.
C-101

X:\4625000\221000.01\TECH\CAD\DRAWINGS\SHEETS\G-101 EXISTING CONDITIONS.DWG
10/19/2023 5:58:51 PM

SOIL PROFILES

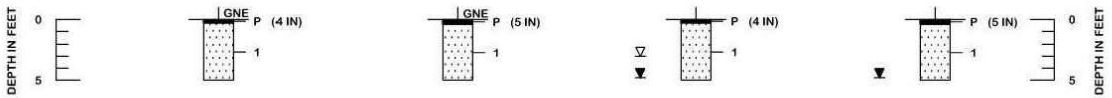
NORTH PARKING LOT

BOR # C-1N
EASTING 430693
NORTHING 1300302
DATE 6/20/2022

BOR # C-2N
EASTING 430852
NORTHING 1300480
DATE 6/20/2022

BOR # C-3N
EASTING 431090
NORTHING 1300275
DATE 6/20/2022

BOR # C-4N
EASTING 430944
NORTHING 1300084
DATE 6/20/2022

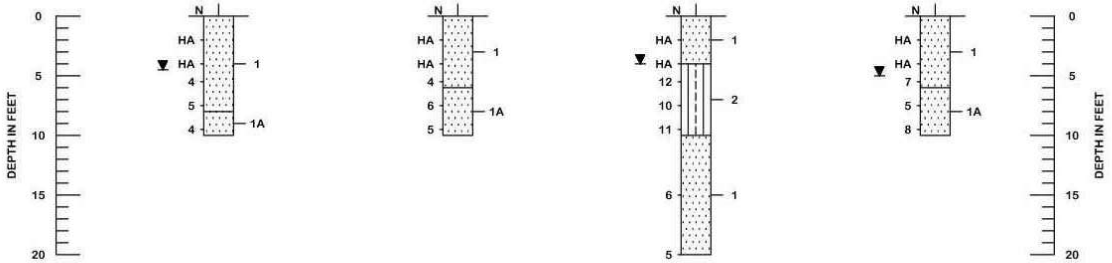


BOR # B-1N
EASTING 431240
NORTHING 1300001
DATE 6/20/2022
DRILLER A. JACKSON
HAMMER AUTOMATIC
RIG D-25

BOR # B-2N
EASTING 431199
NORTHING 1300529
DATE 6/20/2022
DRILLER A. JACKSON
HAMMER AUTOMATIC
RIG D-25

BOR # B-3N
EASTING 430880
NORTHING 1300654
DATE 6/20/2022
DRILLER A. JACKSON
HAMMER AUTOMATIC
RIG D-25

BOR # B-4N
EASTING 431266
NORTHING 1300356
DATE 6/20/2022
DRILLER A. JACKSON
HAMMER AUTOMATIC
RIG D-25



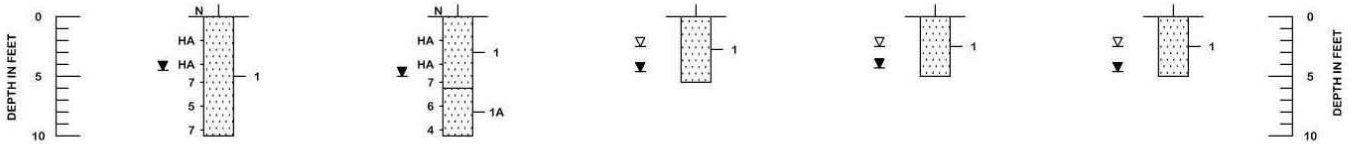
BOR # B-5N
EASTING 431288
NORTHING 1300146
DATE 6/20/2022
DRILLER A. JACKSON
HAMMER AUTOMATIC
RIG D-25

BOR # B-6N
EASTING 431115
NORTHING 1299954
DATE 6/20/2022
DRILLER A. JACKSON
HAMMER AUTOMATIC
RIG D-25

BOR # B-1 (PERM)
EASTING 431246
NORTHING 1299998
DATE 6/20/2022

BOR # B-4 (PERM)
EASTING 431273
NORTHING 1300369
DATE 6/20/2022

BOR # B-5 (PERM)
EASTING 431278
NORTHING 1300136
DATE 6/20/2022



LEGEND

1 LIGHT BROWN TO GRAY SAND TO SAND WITH SILT (SP/SP-SM)

2 LIGHT GRAY TO GREEN-GRAY SILTY SAND (SM)

P ASPHALT MILLINGS

A - WITH LIMESTONE FRAGMENTS

▼ GROUNDWATER LEVEL ENCOUNTERED DURING INVESTIGATION

▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE

N SPT N-VALUE IN BLOWS/FOOT FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED)

SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2488) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW

GNE GROUNDWATER TABLE NOT ENCOUNTERED

HA HAND AUGERED TO VERIFY UTILITY CLEARANCES

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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2203 North Lois Avenue, Suite 225
Tampa, FL 33607
phone: 813-210-8740
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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

MAIN NO.: 462500-221000.01
DATE: OCTOBER 27, 2023
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SHEET CONTENTS
SOIL BORING LOGS

SHEET NO.
C-102

X:\462500\221000.01\TECH\CAD\DRAWINGS\SHEETS\C-102 SOIL BORING LOGS.DWG
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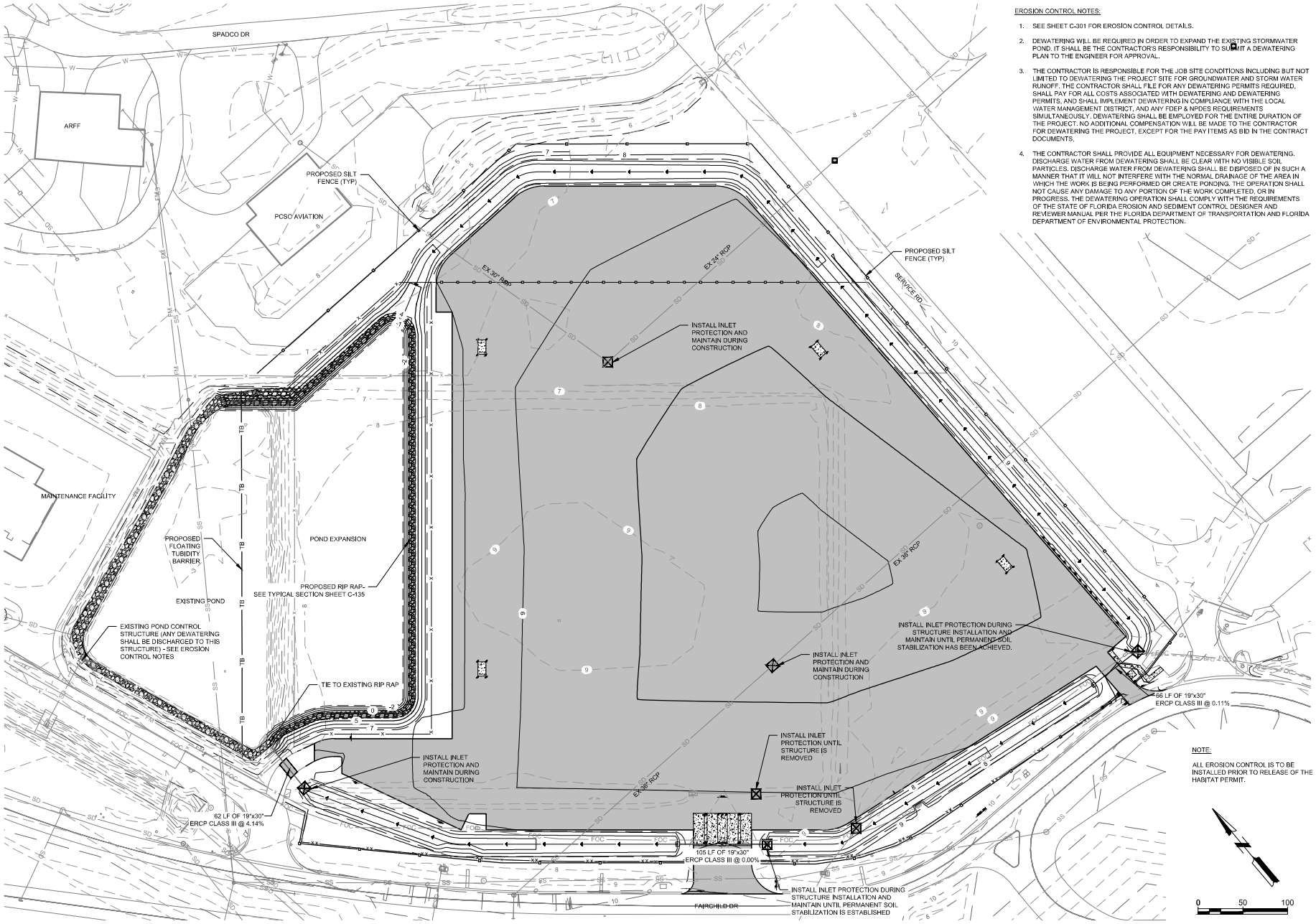

EROSION CONTROL NOTES:

1. SEE SHEET C-301 FOR EROSION CONTROL DETAILS.
2. DEWATERING WILL BE REQUIRED IN ORDER TO EXPAND THE EXISTING STORMWATER POND. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT A DEWATERING PLAN TO THE ENGINEER FOR APPROVAL.
3. THE CONTRACTOR IS RESPONSIBLE FOR THE JOB SITE CONDITIONS INCLUDING BUT NOT LIMITED TO DEWATERING THE PROJECT SITE FOR GROUNDWATER AND STORM WATER RUNOFF. THE CONTRACTOR SHALL FILE FOR ANY DEWATERING PERMITS REQUIRED, SHALL PAY FOR ALL COSTS ASSOCIATED WITH DEWATERING AND DEWATERING PERMITS, AND SHALL IMPLEMENT DEWATERING IN COMPLIANCE WITH THE LOCAL WATER MANAGEMENT DISTRICT, AND ANY FDEP & NPDES REQUIREMENTS SIMULTANEOUSLY. DEWATERING SHALL BE EMPLOYED FOR THE ENTIRE DURATION OF THE PROJECT. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR DEWATERING THE PROJECT, EXCEPT FOR THE PAY ITEMS AS BID IN THE CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT NECESSARY FOR DEWATERING. DISCHARGE WATER FROM DEWATERING SHALL BE CLEAR WITH NO VISIBLE SOIL PARTICLES. DISCHARGE WATER FROM DEWATERING SHALL BE DISPOSED OF IN SUCH A MANNER THAT IT WILL NOT INTERFERE WITH THE NORMAL DRAINAGE OF THE AREA IN WHICH THE WORK IS BEING PERFORMED OR CREATE PONDING. THE OPERATION SHALL NOT CAUSE ANY DAMAGE TO ANY PORTION OF THE WORK COMPLETED, OR IN PROGRESS. THE DEWATERING OPERATION SHALL COMPLY WITH THE REQUIREMENTS OF THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL PER THE FLORIDA DEPARTMENT OF TRANSPORTATION AND FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.

NOTE:

ALL EROSION CONTROL IS TO BE INSTALLED PRIOR TO RELEASE OF THE HABITAT PERMIT.

Mead & Hunt
Mead and Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

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SHEET CONTENTS
EROSION CONTROL PLAN

SHEET NO.
C-111

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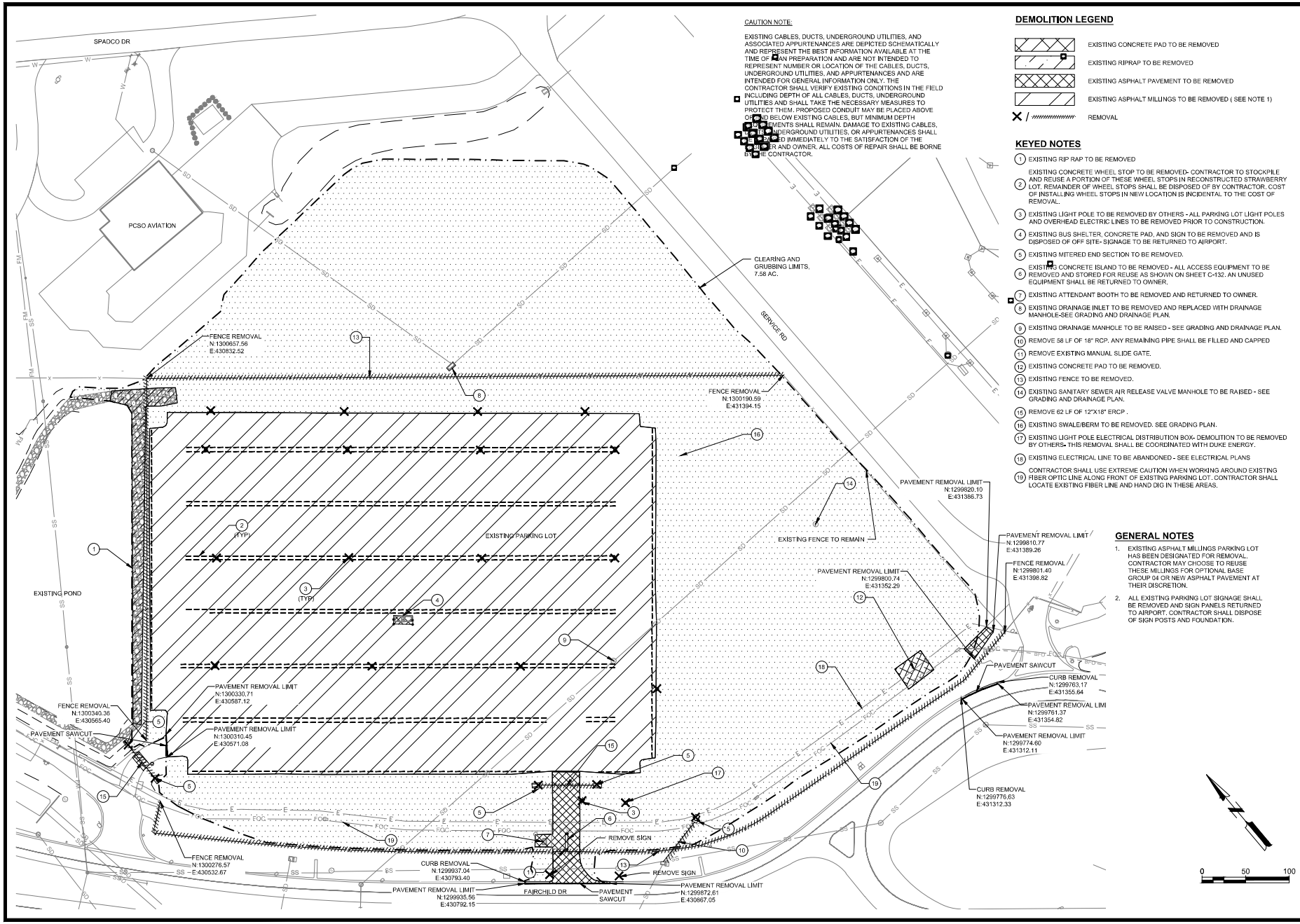

CAUTION NOTE:

EXISTING CABLES, DUCTS, UNDERGROUND UTILITIES, AND ASSOCIATED APPURTENANCES ARE DEPICTED SCHEMATICALLY AND REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN PREPARATION AND ARE NOT INTENDED TO REPRESENT NUMBER OR LOCATION OF THE CABLES, DUCTS, UNDERGROUND UTILITIES, AND APPURTENANCES AND ARE INTENDED FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD INCLUDING DEPTH OF ALL CABLES, DUCTS, UNDERGROUND UTILITIES AND SHALL TAKE THE NECESSARY MEASURES TO PROTECT THEM. PROPOSED CONDUIT MAY BE PLACED ABOVE OR BELOW EXISTING CABLES, BUT MINIMUM DEPTH REQUIREMENTS SHALL REMAIN. DAMAGE TO EXISTING CABLES, DUCTS, UNDERGROUND UTILITIES, OR APPURTENANCES SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AND OWNER. ALL COSTS OF REPAIR SHALL BE BORNE BY THE CONTRACTOR.

DEMOLITION LEGEND

- EXISTING CONCRETE PAD TO BE REMOVED
- EXISTING RIPRAP TO BE REMOVED
- EXISTING ASPHALT PAVEMENT TO BE REMOVED
- EXISTING ASPHALT MILLINGS TO BE REMOVED (SEE NOTE 1)
- REMOVAL

KEYED NOTES

1. EXISTING RIP RAP TO BE REMOVED
2. EXISTING CONCRETE WHEEL STOP TO BE REMOVED- CONTRACTOR TO STOCKPILE AND REUSE A PORTION OF THESE WHEEL STOPS IN RECONSTRUCTED STRAWBERRY LOT. REMAINDER OF WHEEL STOPS SHALL BE DISPOSED OF BY CONTRACTOR. COST OF INSTALLING WHEEL STOPS IN NEW LOCATION IS INCIDENTAL TO THE COST OF REMOVAL.
3. EXISTING LIGHT POLE TO BE REMOVED BY OTHERS - ALL PARKING LOT LIGHT POLES AND OVERHEAD ELECTRIC LINES TO BE REMOVED PRIOR TO CONSTRUCTION.
4. EXISTING BUS SHELTER, CONCRETE PAD, AND SIGN TO BE REMOVED AND IS DISPOSED OF OFF SITE- SIGNAGE TO BE RETURNED TO AIRPORT.
5. EXISTING MITERED END SECTION TO BE REMOVED.
6. EXISTING CONCRETE ISLAND TO BE REMOVED - ALL ACCESS EQUIPMENT TO BE REMOVED AND STORED FOR REUSE AS SHOWN ON SHEET C-132. AN UNUSED EQUIPMENT SHALL BE RETURNED TO OWNER.
7. EXISTING ATTENDANT BOOTH TO BE REMOVED AND RETURNED TO OWNER.
8. EXISTING DRAINAGE INLET TO BE REMOVED AND REPLACED WITH DRAINAGE MANHOLE-SEE GRADING AND DRAINAGE PLAN.
9. EXISTING DRAINAGE MANHOLE TO BE RAISED - SEE GRADING AND DRAINAGE PLAN.
10. REMOVE 58 LF OF 18" RCP. ANY REMAINING PIPE SHALL BE FILLED AND CAPPED
11. REMOVE EXISTING MANUAL SLIDE GATE.
12. EXISTING CONCRETE PAD TO BE REMOVED.
13. EXISTING FENCE TO BE REMOVED.
14. EXISTING SANITARY SEWER AIR RELEASE VALVE MANHOLE TO BE RAISED - SEE GRADING AND DRAINAGE PLAN.
15. REMOVE 62 LF OF 12"X18" ERCP .
16. EXISTING SWALE/BERM TO BE REMOVED. SEE GRADING PLAN.
17. EXISTING LIGHT POLE ELECTRICAL DISTRIBUTION BOX- DEMOLITION TO BE REMOVED BY OTHERS- THIS REMOVAL SHALL BE COORDINATED WITH DUKE ENERGY.
18. EXISTING ELECTRICAL LINE TO BE ABANDONED - SEE ELECTRICAL PLANS
19. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING AROUND EXISTING FIBER OPTIC LINE ALONG FRONT OF EXISTING PARKING LOT. CONTRACTOR SHALL LOCATE EXISTING FIBER LINE AND HAND DIG IN THESE AREAS.

GENERAL NOTES

1. EXISTING ASPHALT MILLINGS PARKING LOT HAS BEEN DESIGNATED FOR REMOVAL. CONTRACTOR MAY CHOOSE TO REUSE THESE MILLINGS FOR OPTIONAL BASE GROUP 04 OR NEW ASPHALT PAVEMENT AT THEIR DISCRETION.
2. ALL EXISTING PARKING LOT SIGNAGE SHALL BE REMOVED AND SIGN PANELS RETURNED TO AIRPORT. CONTRACTOR SHALL DISPOSE OF SIGN POSTS AND FOUNDATION.

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
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SHEET CONTENTS
DEMOLITION PLAN

SHEET NO.
C-121

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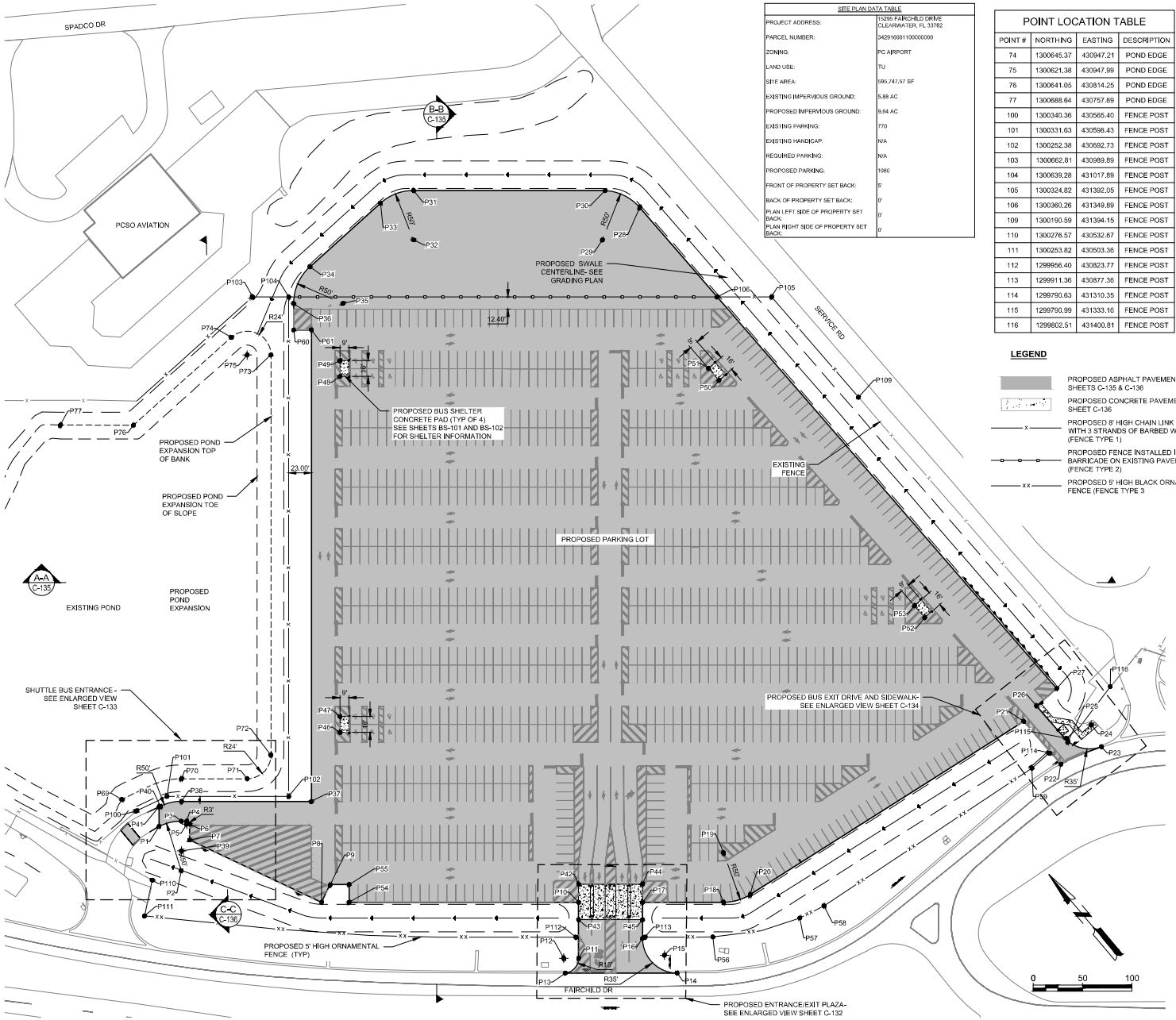

SITE PLAN DATA TABLE	
PROJECT ADDRESS:	15295 FAIRCHILD DRIVE CLEARWATER, FL 33762
PARCEL NUMBER:	342916001100000000
ZONING:	PC AIRPORT
LAND USE:	TU
SITE AREA:	595,747.57 SF
EXISTING IMPERVIOUS GROUND:	5.88 AC
PROPOSED IMPERVIOUS GROUND:	9.64 AC
EXISTING PARKING:	770
EXISTING HANDICAP:	N/A
REQUIRED PARKING:	N/A
PROPOSED PARKING:	1080
FRONT OF PROPERTY SET BACK:	5'
BACK OF PROPERTY SET BACK:	0'
PLAN LEFT SIDE OF PROPERTY SET BACK:	0'
PLAN RIGHT SIDE OF PROPERTY SET BACK:	0'

LEGEND

- PROPOSED ASPHALT PAVEMENT- SEE SHEETS C-135 & C-136
- PROPOSED CONCRETE PAVEMENT- SEE SHEET C-136
- PROPOSED 8' HIGH CHAIN LINK FENCE WITH 3 STRANDS OF BARBED WIRE. (FENCE TYPE 1)
- PROPOSED FENCE INSTALLED IN BARRICADE ON EXISTING PAVEMENT (FENCE TYPE 2)
- PROPOSED 5' HIGH BLACK ORNAMENTAL FENCE (FENCE TYPE 3

POINT LOCATION TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
74	1300645.37	430947.21	POND EDGE
75	1300621.38	430947.99	POND EDGE
76	1300641.05	430814.25	POND EDGE
77	1300688.64	430757.69	POND EDGE
100	1300340.36	430565.40	FENCE POST
101	1300331.63	430598.43	FENCE POST
102	1300252.38	430692.73	FENCE POST
103	1300662.81	430989.89	FENCE POST
104	1300639.28	431017.89	FENCE POST
105	1300324.82	431392.05	FENCE POST
106	1300360.26	431349.89	FENCE POST
109	1300190.59	431394.15	FENCE POST
110	1300276.57	430532.67	FENCE POST
111	1300253.82	430503.36	FENCE POST
112	1299956.40	430823.77	FENCE POST
113	1299911.36	430877.36	FENCE POST
114	1299790.63	431310.35	FENCE POST
115	1299790.99	431333.16	FENCE POST
116	1299802.51	431400.81	FENCE POST

POINT LOCATION TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
1	1300313.56	430572.70	ASPHALT PVMT. EDGE
2	1300264.88	430561.28	RADIUS POINT
3	1300303.16	430593.45	ASPHALT PVMT. EDGE
4	1300299.67	430597.60	ASPHALT PVMT. EDGE
5	1300297.37	430595.67	RADIUS POINT
6	1300295.45	430597.97	ASPHALT PVMT. EDGE
7	1300283.14	430587.70	ASPHALT PVMT. EDGE
8	1300149.11	430649.30	ASPHALT PVMT. EDGE
9	1300156.87	430667.31	ASPHALT PVMT. EDGE
10	1299981.74	430848.44	ASPHALT PVMT. EDGE
11	1299938.36	430811.99	ASPHALT PVMT. EDGE
12	1299948.02	430800.51	RADIUS POINT
13	1299935.56	430792.15	ASPHALT PVMT. EDGE
14	1299862.79	430878.73	ASPHALT PVMT. EDGE
15	1299884.86	430880.65	RADIUS POINT
16	1299912.08	430874.48	ASPHALT PVMT. EDGE
17	1299940.08	430898.01	ASPHALT PVMT. EDGE
18	1299887.23	430960.90	ASPHALT PVMT. EDGE
19	1299925.51	430993.07	RADIUS POINT
20	1299875.96	430986.34	ASPHALT PVMT. EDGE
21	1299831.84	431311.19	ASPHALT PVMT. EDGE
22	1299774.60	431312.11	ASPHALT PVMT. EDGE
23	1299761.66	431354.95	ASPHALT PVMT. EDGE
24	1299785.23	431361.17	ASPHALT PVMT. EDGE
25	1299787.16	431331.85	ASPHALT PVMT. EDGE
26	1299835.55	431331.09	ASPHALT PVMT. EDGE
27	1299835.97	431358.09	ASPHALT PVMT. EDGE
28	1300479.87	431348.02	ASPHALT PVMT. EDGE
29	1300479.09	431298.03	RADIUS POINT
30	1300515.51	431332.40	ASPHALT PVMT. EDGE
31	1300640.33	431183.89	ASPHALT PVMT. EDGE
32	1300602.05	431151.72	RADIUS POINT
33	1300652.02	431150.03	ASPHALT PVMT. EDGE
34	1300648.77	431054.03	ASPHALT PVMT. EDGE
35	1300598.80	431055.72	RADIUS POINT
36	1300630.97	431017.44	ASPHALT PVMT. EDGE
37	1300233.75	430707.12	ASPHALT PVMT. EDGE
38	1300318.33	430606.48	ASPHALT PVMT. EDGE
39	1300280.05	430574.31	ASPHALT PVMT. EDGE
40	1300328.39	430587.09	ASPHALT PVMT. EDGE
41	1300328.81	430585.52	ASPHALT PVMT. EDGE
42	1299995.80	430860.26	CONCRETE PVMT. EDGE
43	1299968.24	430837.10	CONCRETE PVMT. EDGE
44	1299954.14	430909.83	CONCRETE PVMT. EDGE
45	1299926.58	430886.67	CONCRETE PVMT. EDGE
46	1300268.64	430774.32	CONCRETE PVMT. EDGE
47	1300280.89	430784.61	CONCRETE PVMT. EDGE
48	1300544.26	431005.96	CONCRETE PVMT. EDGE
49	1300556.51	431016.25	CONCRETE PVMT. EDGE
50	1300294.50	431297.03	CONCRETE PVMT. EDGE
51	1300310.50	431296.78	CONCRETE PVMT. EDGE
52	1299976.76	431302.07	CONCRETE PVMT. EDGE
53	1299992.76	431301.81	CONCRETE PVMT. EDGE
54	1300131.13	430670.72	ASPHALT PVMT. EDGE
55	1300144.89	430682.30	ASPHALT PVMT. EDGE
56	1299867.27	430929.99	FENCE POST
57	1299825.48	431009.76	FENCE POST
58	1299818.99	431036.26	FENCE POST
59	1299790.24	431287.02	FENCE POST
69	1300358.54	430561.64	POND EDGE
70	1300335.94	430621.28	POND EDGE
71	1300293.18	430672.16	POND EDGE
72	1300296.11	430705.97	POND EDGE
73	1300605.94	430966.36	POND EDGE

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Mead and Hunt, Inc.
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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE) PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

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SHEET CONTENTS
SITE PLAN

SHEET NO.
C-131

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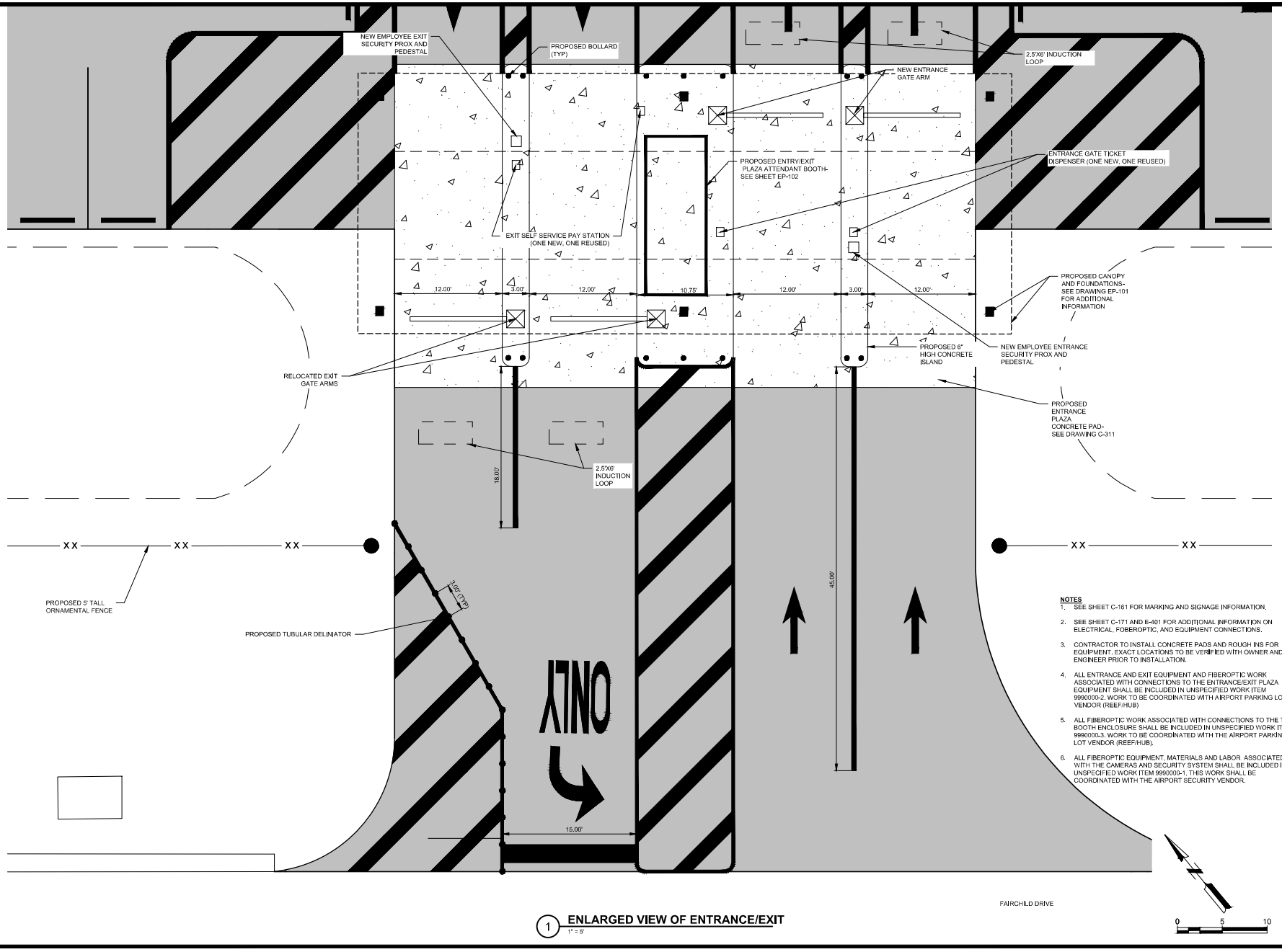

NOTES

1. SEE SHEET C-161 FOR MARKING AND SIGNAGE INFORMATION.
2. SEE SHEET C-171 AND E-401 FOR ADDITIONAL INFORMATION ON ELECTRICAL, FOBEROPTIC, AND EQUIPMENT CONNECTIONS.
3. CONTRACTOR TO INSTALL CONCRETE PADS AND ROUGH INS FOR EQUIPMENT. EXACT LOCATIONS TO BE VERIFIED WITH OWNER AND ENGINEER PRIOR TO INSTALLATION.
4. ALL ENTRANCE AND EXIT EQUIPMENT AND FIBEROPTIC WORK ASSOCIATED WITH CONNECTIONS TO THE ENTRANCE/EXIT PLAZA EQUIPMENT SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-2. WORK TO BE COORDINATED WITH AIRPORT PARKING LOT VENDOR (REEF/HUB)
5. ALL FIBEROPTIC WORK ASSOCIATED WITH CONNECTIONS TO THE TOLL BOOTH ENCLOSURE SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-3. WORK TO BE COORDINATED WITH THE AIRPORT PARKING LOT VENDOR (REEF/HUB).
6. ALL FIBEROPTIC EQUIPMENT, MATERIALS AND LABOR ASSOCIATED WITH THE CAMERAS AND SECURITY SYSTEM SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-1. THIS WORK SHALL BE COORDINATED WITH THE AIRPORT SECURITY VENDOR.

1 **ENLARGED VIEW OF ENTRANCE/EXIT**
1" = 5'

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Suite 225
Tampa, FL 33607
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SHEET CONTENTS
ENLARGED VIEW
ENTRY-EXIT PLAZA

SHEET NO.
C-132

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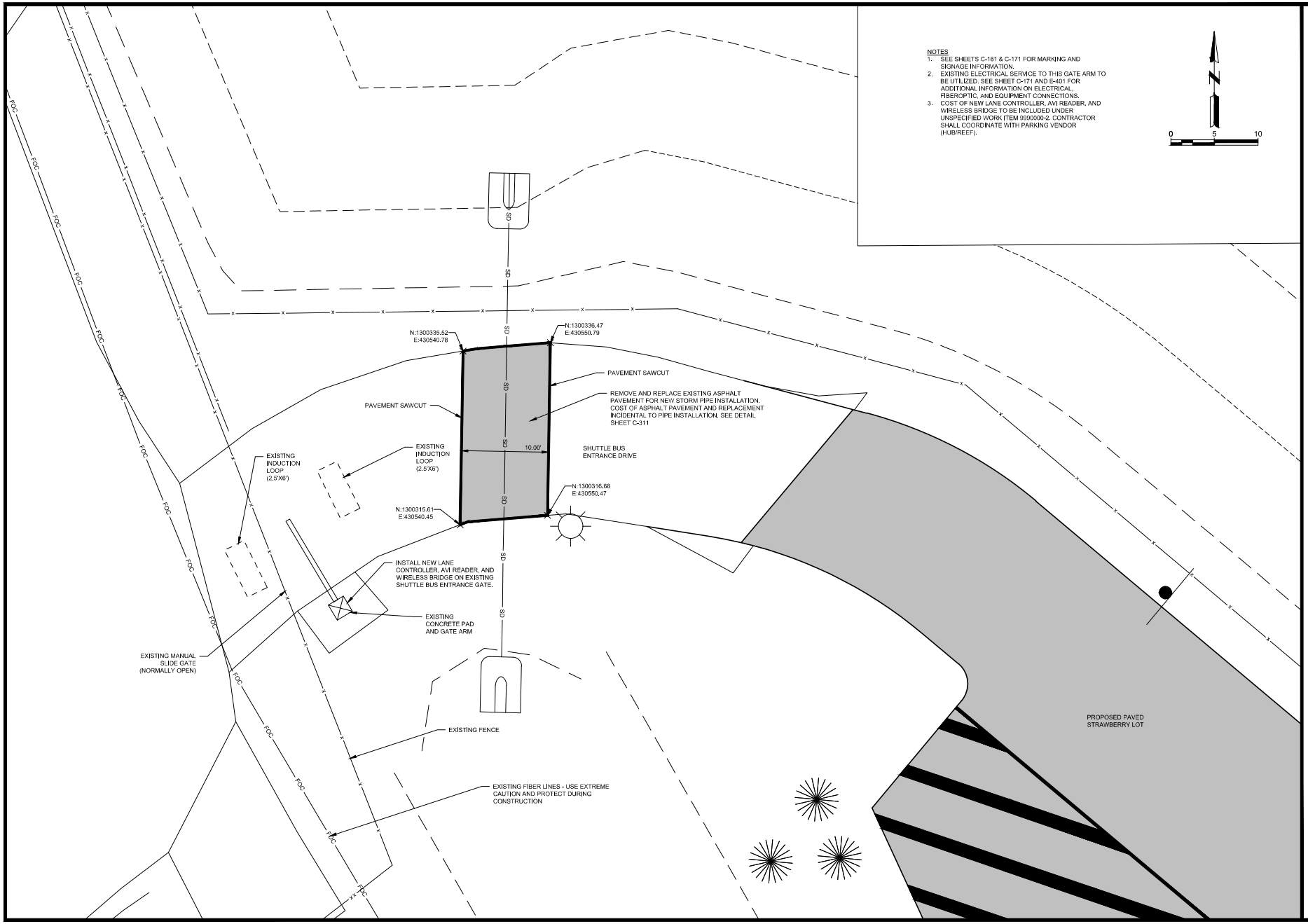

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SHEET CONTENTS
SHUTTLE BUS ENTRANCE ENLARGED VIEW

SHEET NO.
C-133

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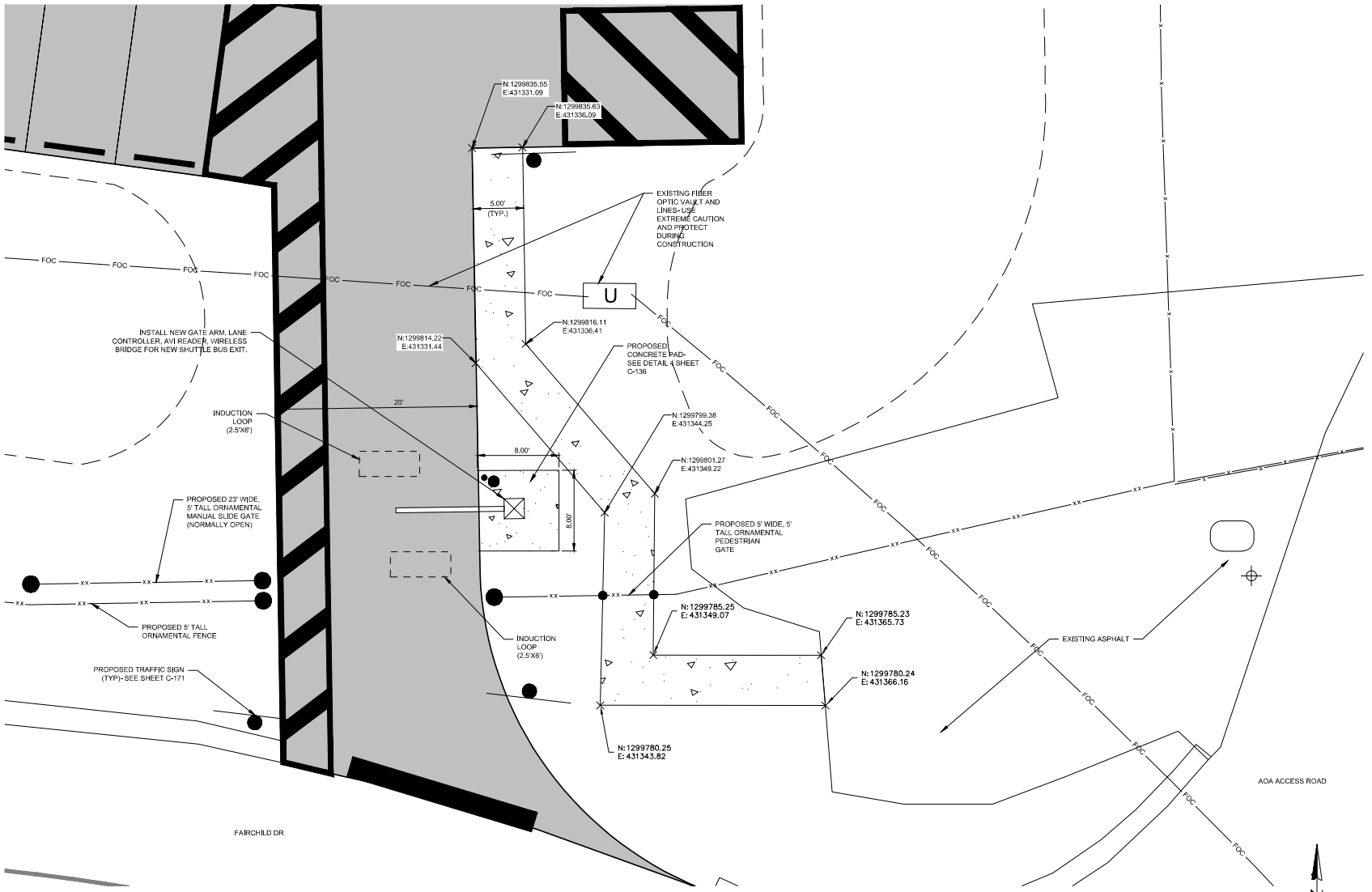

NOTES
1. SEE SHEETS C-161 & C-171 FOR MARKING AND SIGNAGE INFORMATION.
2. CONTRACTOR TO INSTALL CONCRETE PADS AND ROUGH INS FOR EQUIPMENT. EXACT LOCATIONS TO BE VERIFIED WITH OWNER AND ENGINEER PRIOR TO INSTALLATION. COST OF NEW GATE ARM, LANE CONTROLLER, AVI READER, AND WIRELESS BRIDGE TO BE INCLUDED UNDER UNSPECIFIED WORK ITEM 9990000-2. ALL EQUIPMENT INSTALLATION TO BE COORDINATED WITH AIRPORT SECURITY VENDOR. ALL PARKING EQUIPMENT TO BE COORDINATED WITH AIRPORT PARKING LOT VENDOR (REEF/HUB)
3. SEE SHEET C-171 AND E-401 FOR ADDITIONAL INFORMATION ON ELECTRICAL, FIBEROPTIC, AND EQUIPMENT CONNECTIONS.

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SHEET CONTENTS
SHUTTLE BUS EXIT
ENLARGED VIEW

SHEET NO.
C-134

X:\4625000\221000.01\TECHCAD\DRAWINGS\SHEETS\C-133 ENLARGED VIEW OF SHUTTLE EXIT.DWG
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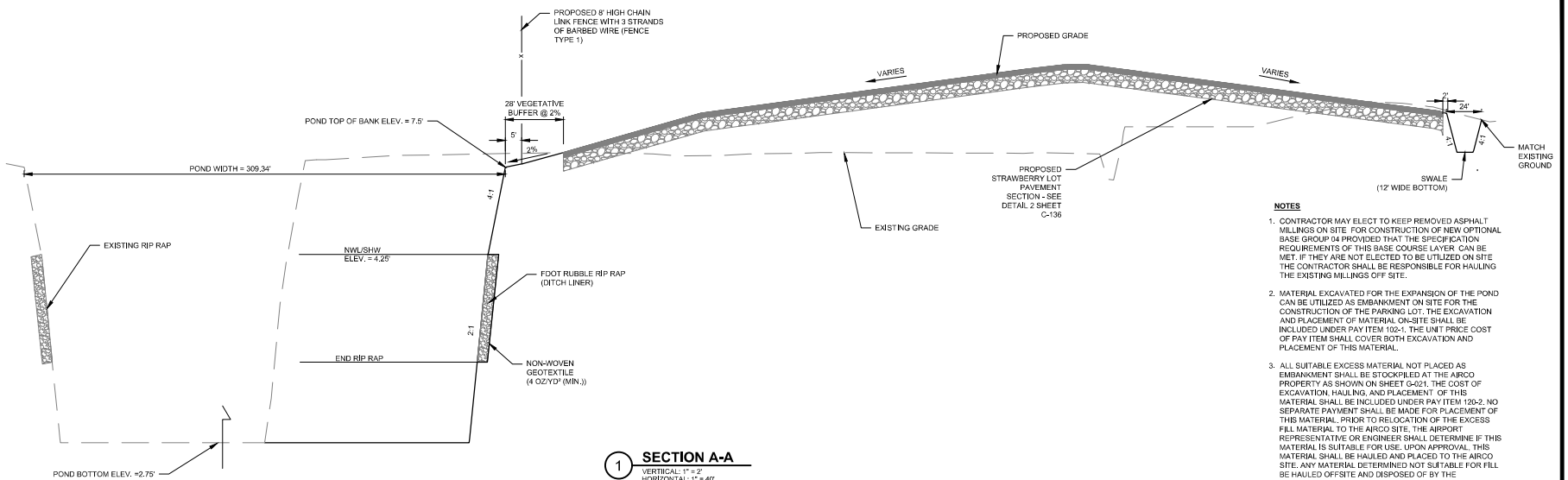
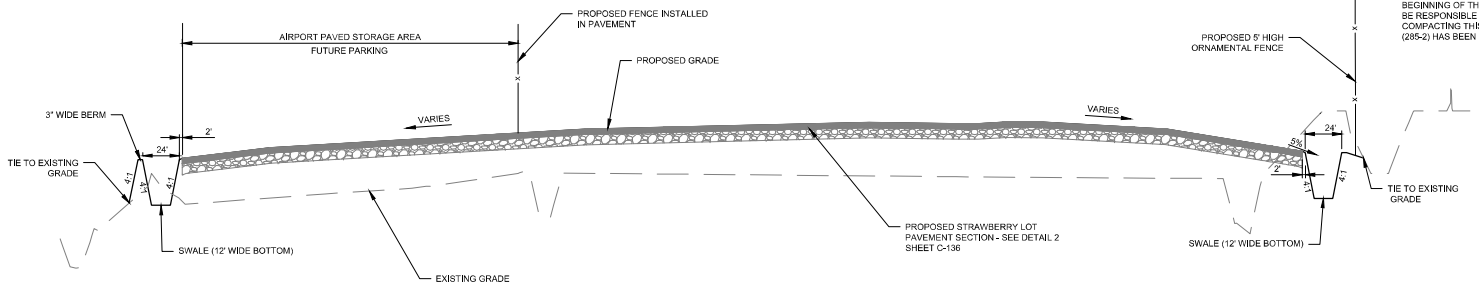


1 SECTION A-A

VERTICAL: 1" = 2'
HORIZONTAL: 1" = 40'



2 SECTION B-B

VERTICAL: 1" = 2'
HORIZONTAL: 1" = 40'

NOTES

1. CONTRACTOR MAY ELECT TO KEEP REMOVED ASPHALT MILLINGS ON SITE FOR CONSTRUCTION OF NEW OPTIONAL BASE GROUP 04 PROVIDED THAT THE SPECIFICATION REQUIREMENTS OF THIS BASE COURSE LAYER CAN BE MET. IF THEY ARE NOT ELECTED TO BE UTILIZED ON SITE THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAULING THE EXISTING MILLINGS OFF SITE.
2. MATERIAL EXCAVATED FOR THE EXPANSION OF THE POND CAN BE UTILIZED AS EMBANKMENT ON SITE FOR THE CONSTRUCTION OF THE PARKING LOT. THE EXCAVATION AND PLACEMENT OF MATERIAL ON-SITE SHALL BE INCLUDED UNDER PAY ITEM 102-1. THE UNIT PRICE COST OF PAY ITEM SHALL COVER BOTH EXCAVATION AND PLACEMENT OF THIS MATERIAL.
3. ALL SUITABLE EXCESS MATERIAL NOT PLACED AS EMBANKMENT SHALL BE STOCKPILED AT THE AIRCO PROPERTY AS SHOWN ON SHEET C-021. THE COST OF EXCAVATION, HAULING, AND PLACEMENT OF THIS MATERIAL SHALL BE INCLUDED UNDER PAY ITEM 120-2. NO SEPARATE PAYMENT SHALL BE MADE FOR PLACEMENT OF THIS MATERIAL. PRIOR TO RELOCATION OF THE EXCESS FILL MATERIAL TO THE AIRCO SITE, THE AIRPORT REPRESENTATIVE OR ENGINEER SHALL DETERMINE IF THIS MATERIAL IS SUITABLE FOR USE. UPON APPROVAL, THIS MATERIAL SHALL BE HAULED AND PLACED TO THE AIRCO SITE. ANY MATERIAL DETERMINED NOT SUITABLE FOR FILL BE HAULED OFFSITE AND DISPOSED OF BY THE CONTRACTOR AT NO ADDITIONAL COST.
4. THE AIRPORT WILL BE PROVIDING LIMEROCK THAT CAN BE UTILIZED FOR CONSTRUCTION OF THE NEW STRAWBERRY LOT BASE COURSE. THIS MATERIAL WILL BE LOCATED ON AIRPORT PROPERTY AND AVAILABLE PRIOR TO THE BEGINNING OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRANSPORTING, PLACING, AND COMPACTING THIS MATERIAL. A SEPARATE PAY ITEM (295-2) HAS BEEN ESTABLISHED FOR THIS WORK ITEM.

Mead & Hunt
Mead and Hunt, Inc.
2203 North Lois Avenue, Suite 225
Tampa, FL 33607
phone: 813-210-8740
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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

M&H NO.:	4625000-221000.01
DATE:	OCTOBER 27, 2023
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DRAWN BY:	ACC
CHECKED BY:	DES

DO NOT SCALE DRAWINGS

SHEET CONTENTS
TYPICAL SECTIONS - SHEET 1

SHEET NO.
C-135

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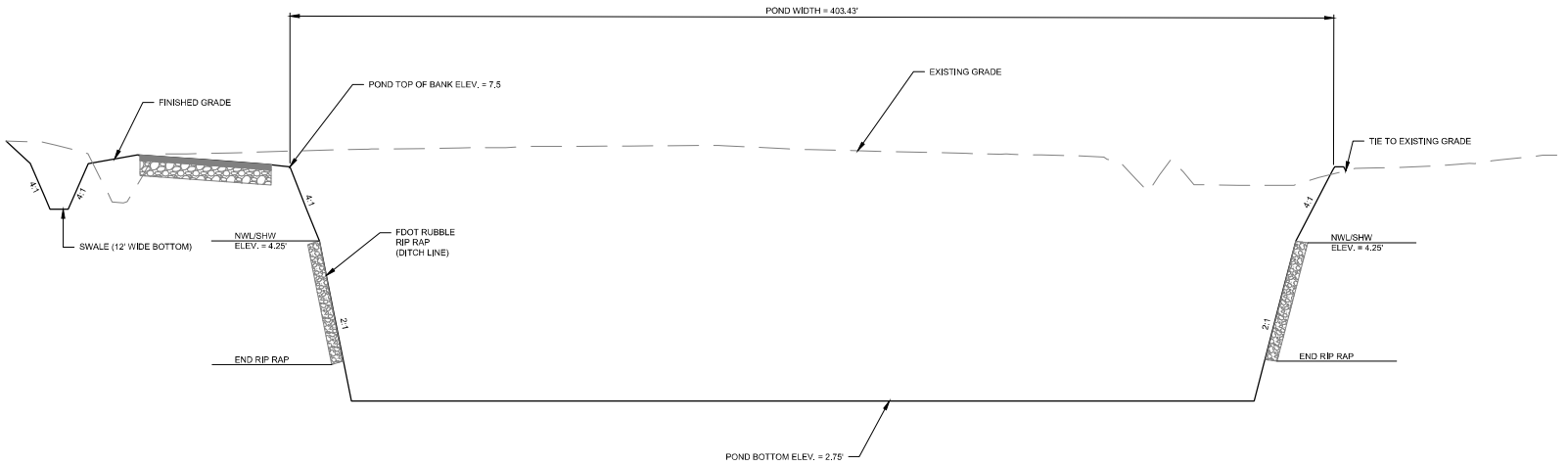
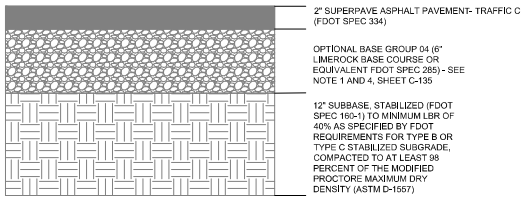


1 **SECTION C-C**
VERTICAL: 1" = 2'
HORIZONTAL: 1" = 40'



2 **PROPOSED STRAWBERRY LOT ASPHALT PAVEMENT SECTION**
NOT TO SCALE

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PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

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SHEET CONTENTS
TYPICAL SECTIONS - SHEET 2

SHEET NO.
C-136

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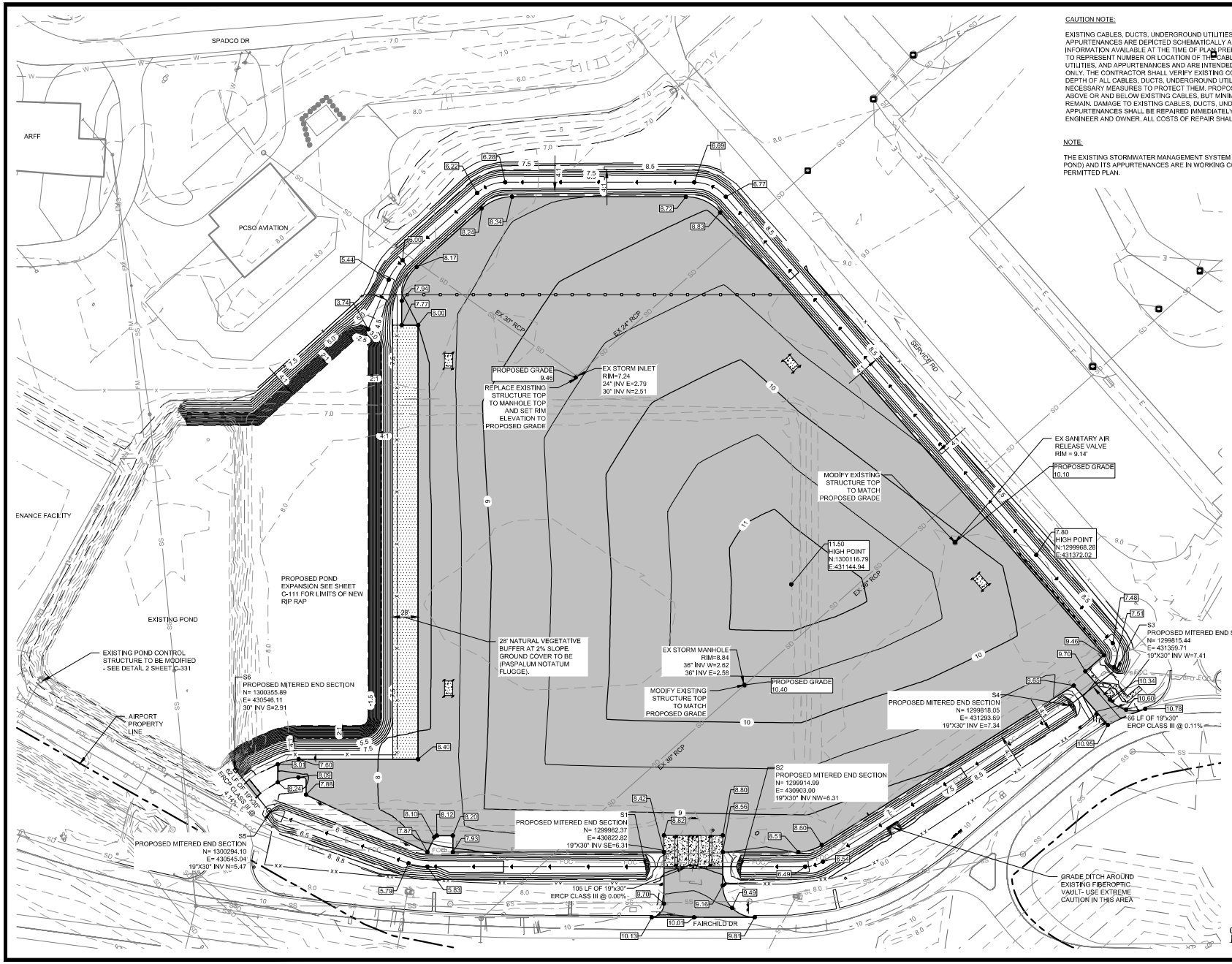

CAUTION NOTE:

EXISTING CABLES, DUCTS, UNDERGROUND UTILITIES, AND ASSOCIATED APPURTENANCES ARE DEPICTED SCHEMATICALLY AND REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN PREPARATION AND ARE NOT INTENDED TO REPRESENT NUMBER OR LOCATION OF THE CABLES, DUCTS, UNDERGROUND UTILITIES, AND APPURTENANCES AND ARE INTENDED FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD INCLUDING DEPTH OF ALL CABLES, DUCTS, UNDERGROUND UTILITIES AND SHALL TAKE THE NECESSARY MEASURES TO PROTECT THEM. PROPOSED CONDUIT MAY BE PLACED ABOVE OR AND BELOW EXISTING CABLES, BUT MINIMUM DEPTH REQUIREMENTS SHALL REMAIN. DAMAGE TO EXISTING CABLES, DUCTS, UNDERGROUND UTILITIES, OR APPURTENANCES SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AND OWNER. ALL COSTS OF REPAIR SHALL BE BORNE BY THE CONTRACTOR.

NOTE:

THE EXISTING STORMWATER MANAGEMENT SYSTEM (EXISTING WET RETENTION POND) AND ITS APPURTENANCES ARE IN WORKING CONDITION AS PER THE PERMITTED PLAN.

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2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE) PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

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BID DOCUMENTS

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SHEET CONTENTS
GRADING & DRAINAGE PLAN

SHEET NO.
C-141

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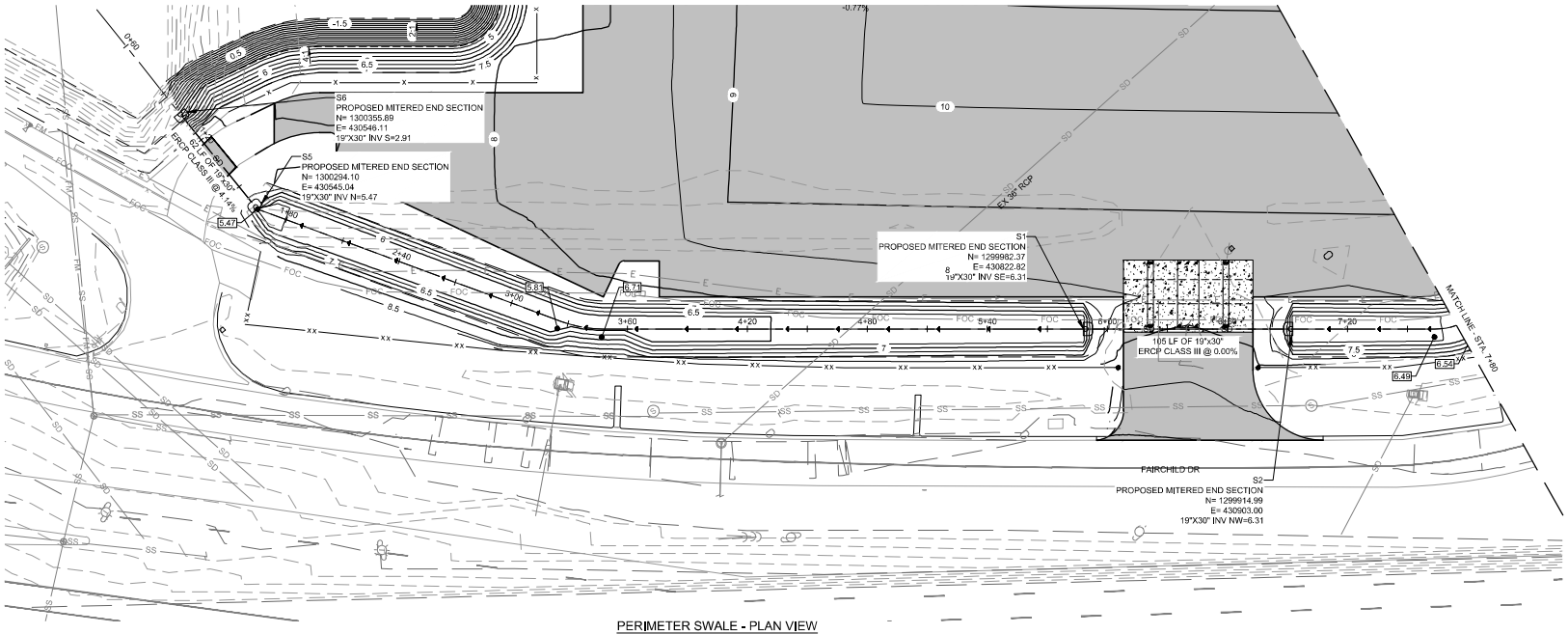
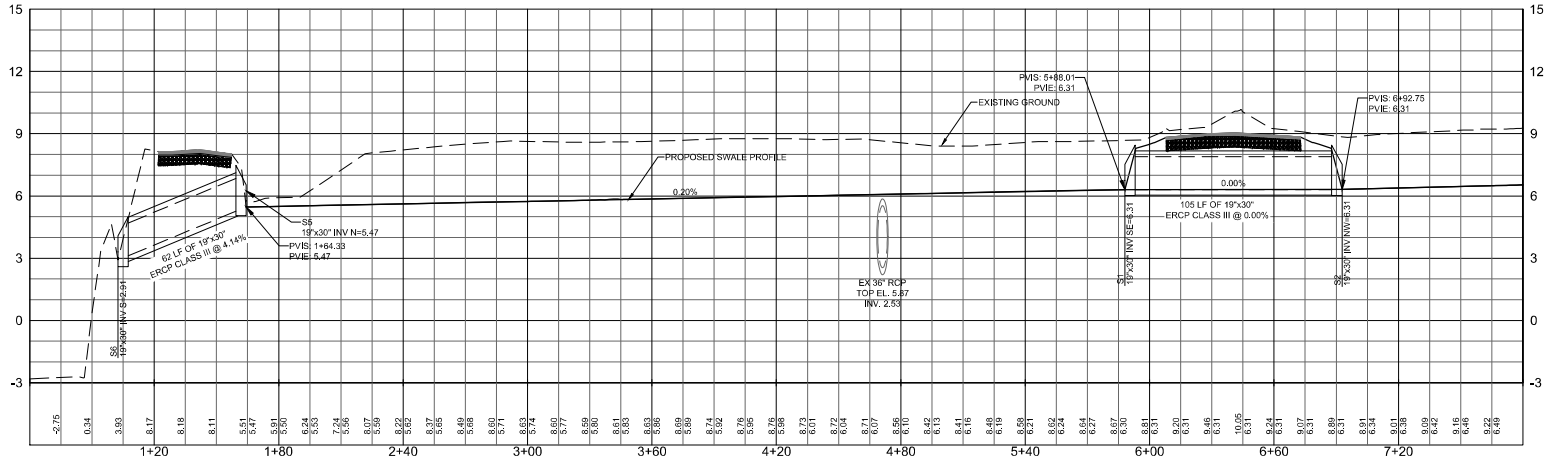


PERIMETER SWALE - PLAN VIEW



PERIMETER SWALE PROFILE VIEW
STA. 0+60 TO STA. 7+80

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

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SHEET CONTENTS
SWALE PLAN AND PROFILE - SHEET 1

SHEET NO.
C-151

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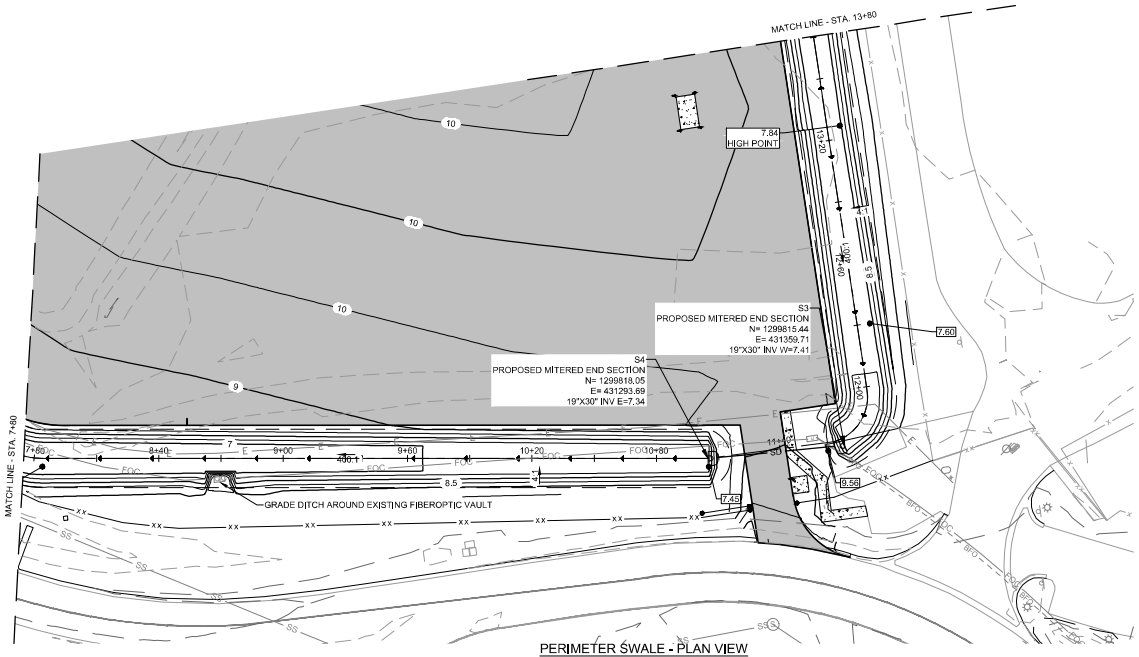
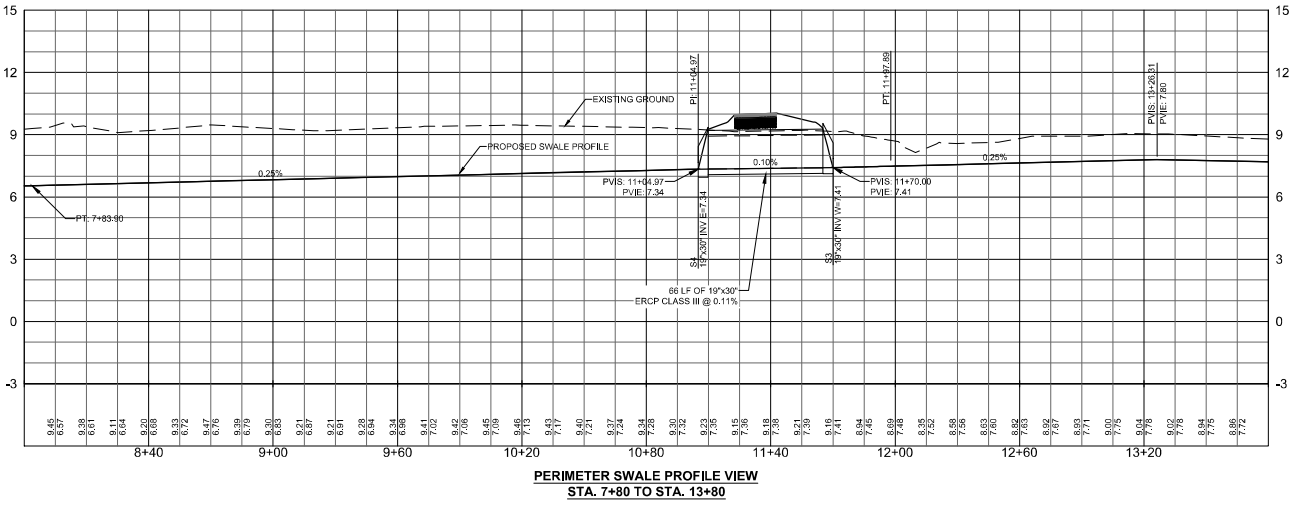
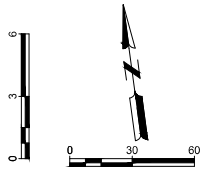


PERIMETER SWALE - PLAN VIEW



PERIMETER SWALE PROFILE VIEW
STA. 7+80 TO STA. 13+80



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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
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15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

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BID DOCUMENTS

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SHEET CONTENTS
SWALE PLAN AND PROFILE - SHEET 2

SHEET NO.
C-152

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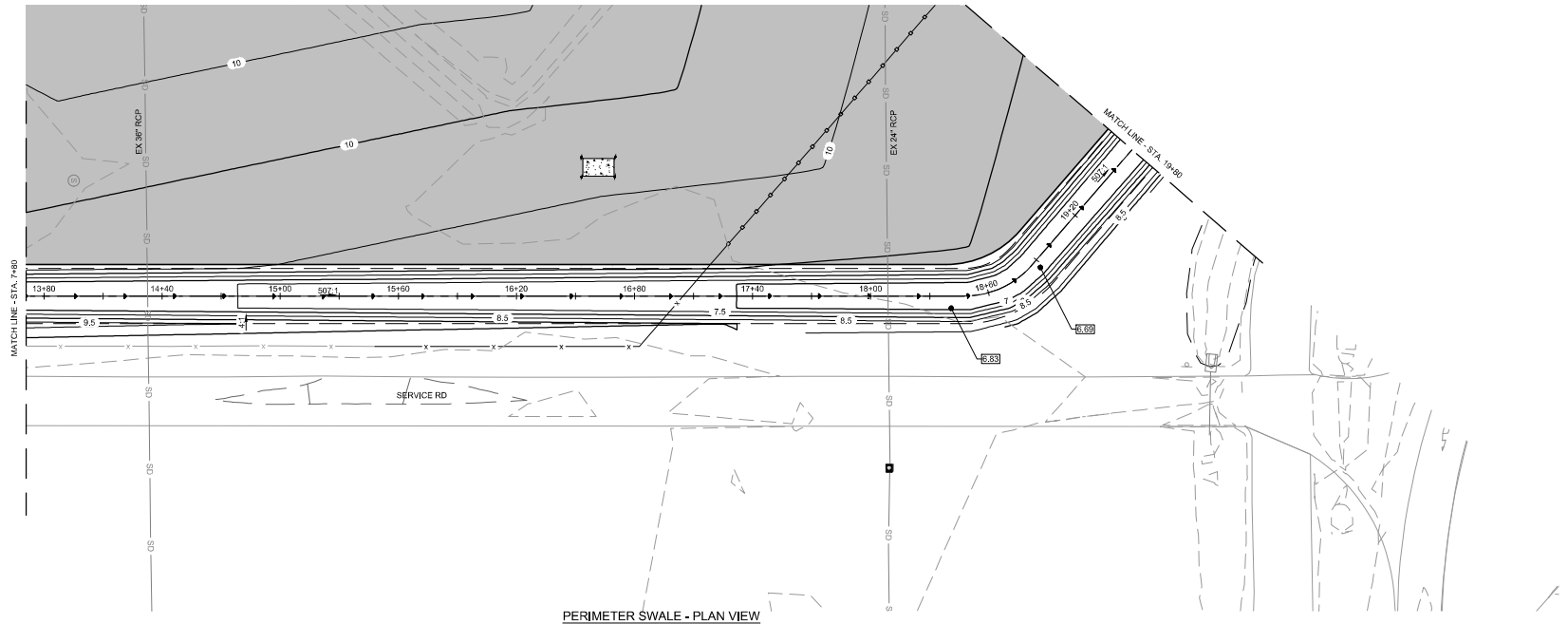
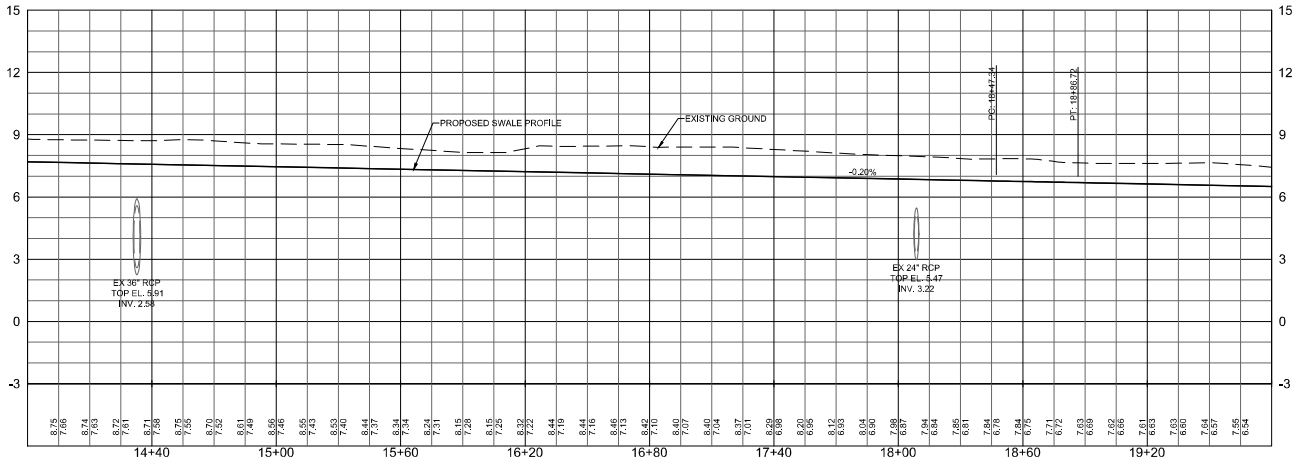
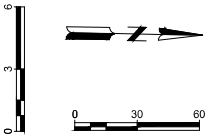


PERIMETER SWALE - PLAN VIEW



PERIMETER SWALE PROFILE VIEW
STA. 13+80 TO STA. 19+80



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SHEET CONTENTS
SWALE PLAN AND PROFILE - SHEET 3

SHEET NO.
C-153

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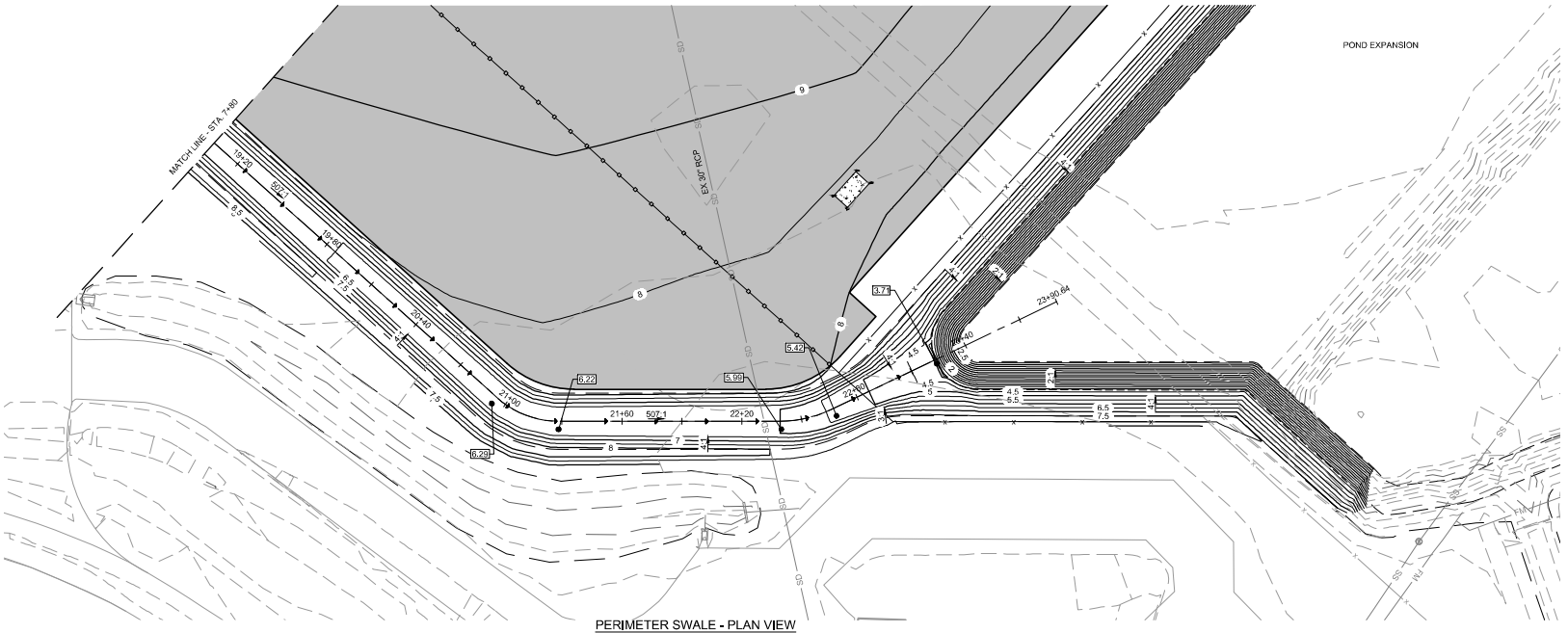
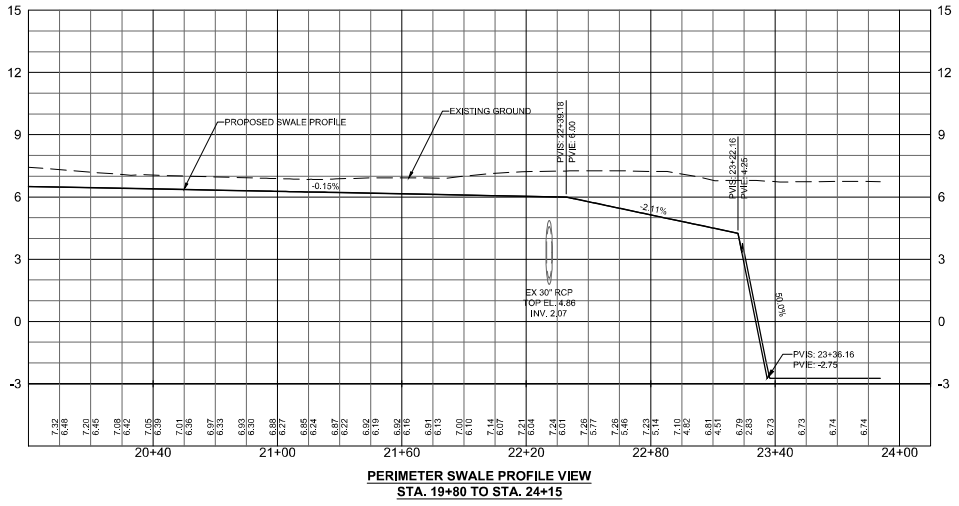


PERIMETER SWALE - PLAN VIEW



PERIMETER SWALE PROFILE VIEW
STA. 19+80 TO STA. 24+15

0 3 6

0 30 60

N

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
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SHEET CONTENTS
SWALE PLAN AND PROFILE - SHEET 4

SHEET NO.
C-154

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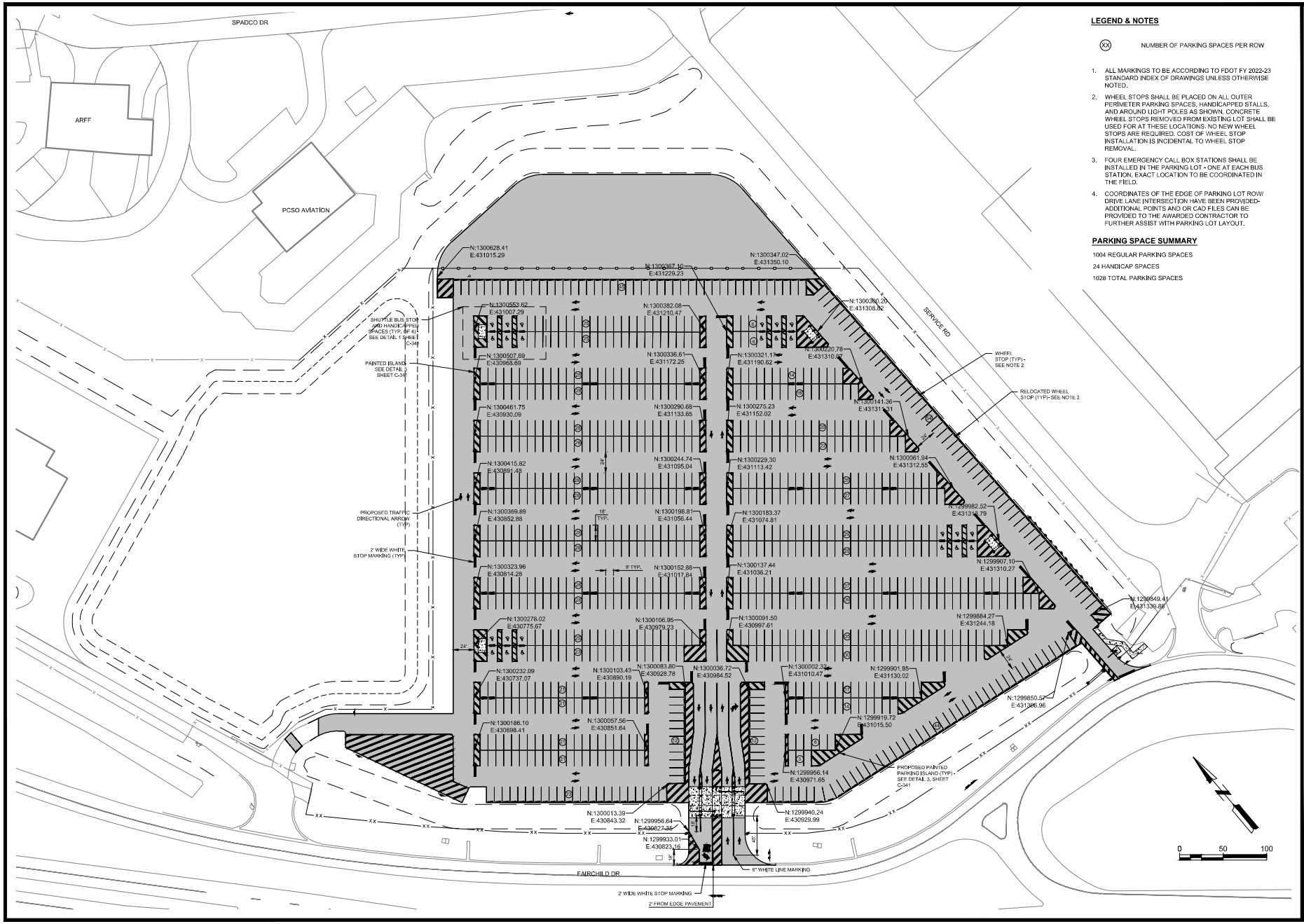

LEGEND & NOTES

(XX) NUMBER OF PARKING SPACES PER ROW

1. ALL MARKINGS TO BE ACCORDING TO FDOT FY 2022-23 STANDARD INDEX OF DRAWINGS UNLESS OTHERWISE NOTED.
2. WHEEL STOPS SHALL BE PLACED ON ALL OUTER PERIMETER PARKING SPACES, HANDICAPPED STALLS, AND AROUND LIGHT POLES AS SHOWN. CONCRETE WHEEL STOPS REMOVED FROM EXISTING LOT SHALL BE USED FOR AT THESE LOCATIONS. NO NEW WHEEL STOPS ARE REQUIRED. COST OF WHEEL STOP INSTALLATION IS INCIDENTAL TO WHEEL STOP REMOVAL.
3. FOUR EMERGENCY CALL BOX STATIONS SHALL BE INSTALLED IN THE PARKING LOT - ONE AT EACH BUS STATION. EXACT LOCATION TO BE COORDINATED IN THE FIELD.
4. COORDINATES OF THE EDGE OF PARKING LOT ROW/ DRIVE LANE INTERSECTION HAVE BEEN PROVIDED- ADDITIONAL POINTS AND OR CAD FILES CAN BE PROVIDED TO THE AWARDED CONTRACTOR TO FURTHER ASSIST WITH PARKING LOT LAYOUT.

PARKING SPACE SUMMARY

1004 REGULAR PARKING SPACES

24 HANDICAP SPACES

1028 TOTAL PARKING SPACES

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2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
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SHEET CONTENTS
MARKING PLAN

SHEET NO.
C-161

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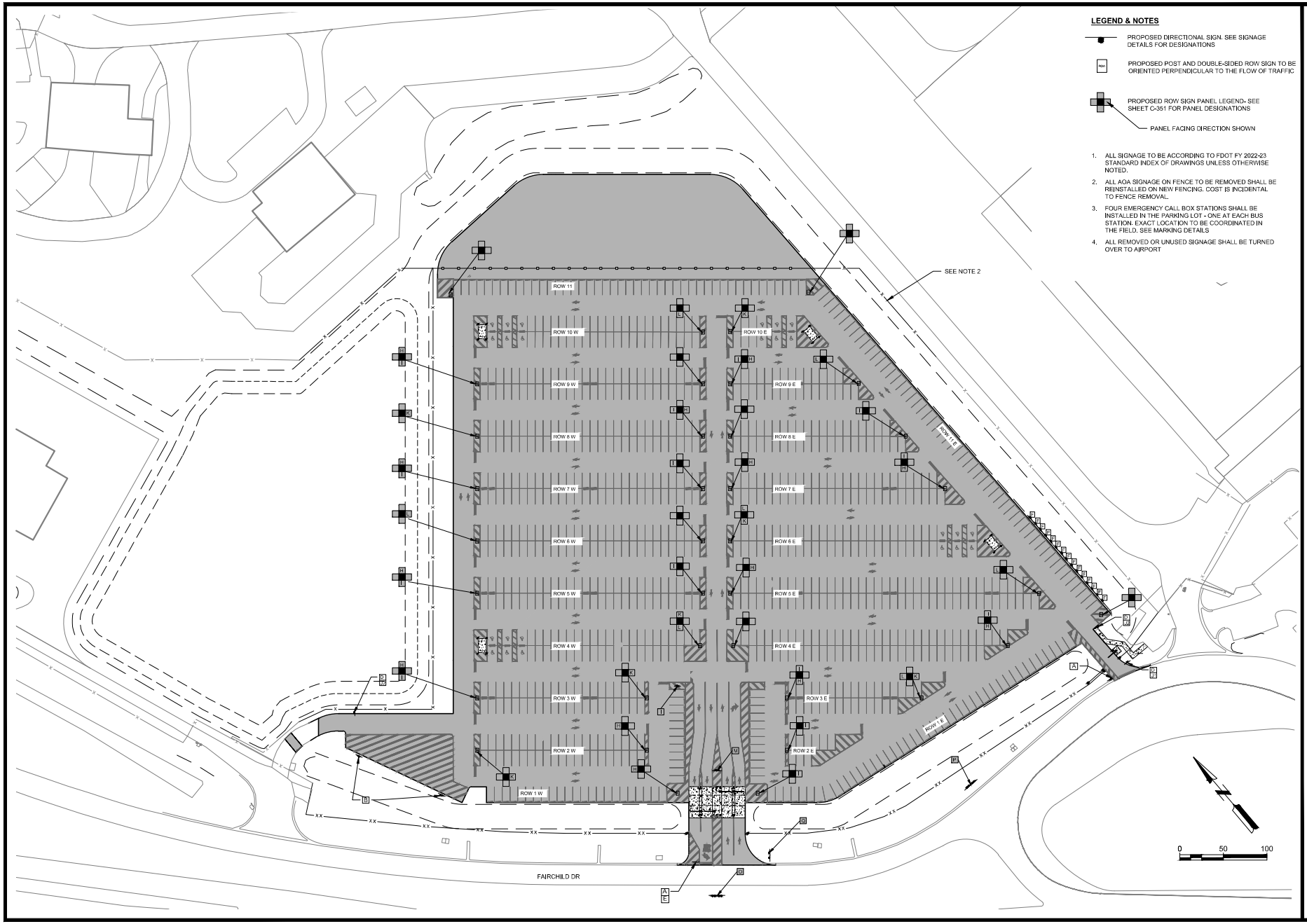

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SHEET CONTENTS
SIGNAGE PLAN

SHEET NO.
C-162

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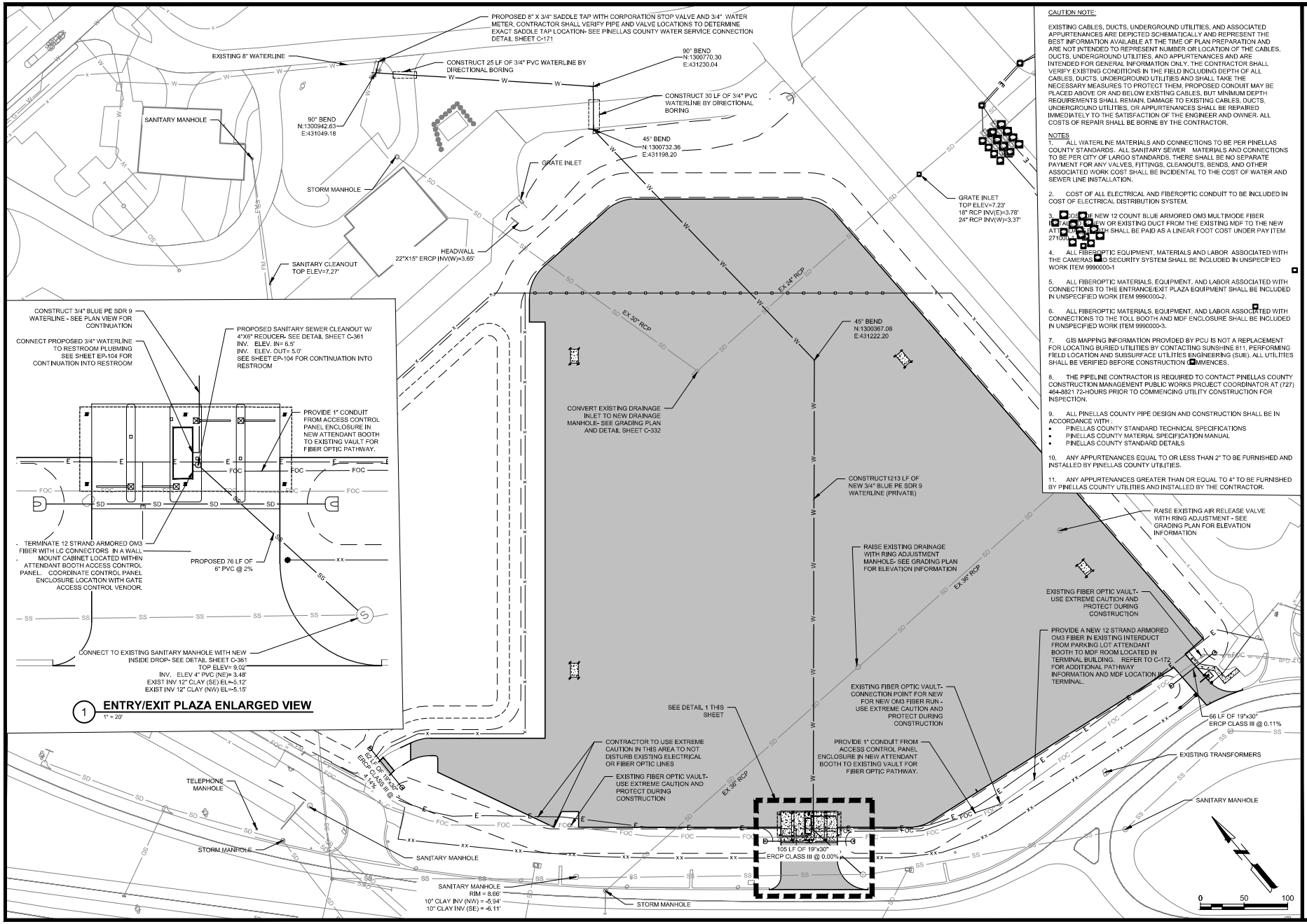

1 **ENTRY/EXIT PLAZA ENLARGED VIEW**
1" = 20'

CAUTION NOTE:

EXISTING CABLES, DUCTS, UNDERGROUND UTILITIES, AND ASSOCIATED APPURTENANCES ARE DEPICTED SCHEMATICALLY AND REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN PREPARATION AND ARE NOT INTENDED TO REPRESENT NUMBER OR LOCATION OF THE CABLES, DUCTS, UNDERGROUND UTILITIES, AND APPURTENANCES AND ARE INTENDED FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD INCLUDING DEPTH OF ALL CABLES, DUCTS, UNDERGROUND UTILITIES AND SHALL TAKE THE NECESSARY MEASURES TO PROTECT THEM. PROPOSED CONDUIT MAY BE PLACED ABOVE OR AND BELOW EXISTING CABLES, BUT MINIMUM DEPTH REQUIREMENTS SHALL REMAIN. DAMAGE TO EXISTING CABLES, DUCTS, UNDERGROUND UTILITIES, OR APPURTENANCES SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AND OWNER. ALL COSTS OF REPAIR SHALL BE BORNE BY THE CONTRACTOR.

NOTES

1. ALL WATERLINE MATERIALS AND CONNECTIONS TO BE PER PINELLAS COUNTY STANDARDS. ALL SANITARY SEWER MATERIALS AND CONNECTIONS TO BE PER CITY OF LARGO STANDARDS. THERE SHALL BE NO SEPARATE PAYMENT FOR ANY VALVES, FITTINGS, CLEANOUTS, BENDS, AND OTHER ASSOCIATED WORK COST SHALL BE INCIDENTAL TO THE COST OF WATER AND SEWER LINE INSTALLATION.

2. COST OF ALL ELECTRICAL AND FIBEROPTIC CONDUIT TO BE INCLUDED IN COST OF ELECTRICAL DISTRIBUTION SYSTEM.

3. [illegible] OF NEW 12 COUNT BLUE ARMORED OM3 MULTIMODE FIBER IN [illegible] NEW OR EXISTING DUCT FROM THE EXISTING MDF TO THE NEW ATTENDANT BOOTH SHALL BE PAID AS A LINEAR FOOT COST UNDER PAY ITEM 2710001.

4. ALL FIBEROPTIC EQUIPMENT, MATERIALS AND LABOR ASSOCIATED WITH THE CAMERA AND SECURITY SYSTEM SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-1

5. ALL FIBEROPTIC MATERIALS, EQUIPMENT, AND LABOR ASSOCIATED WITH CONNECTIONS TO THE ENTRANCE/EXIT PLAZA EQUIPMENT SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-2.

6. ALL FIBEROPTIC MATERIALS, EQUIPMENT, AND LABOR ASSOCIATED WITH CONNECTIONS TO THE TOLL BOOTH AND MDF ENCLOSURE SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-3.

7. GIS MAPPING INFORMATION PROVIDED BY PCU IS NOT A REPLACEMENT FOR LOCATING BURIED UTILITIES BY CONTACTING SUNSHINE 811, PERFORMING FIELD LOCATION AND SUBSURFACE UTILITIES ENGINEERING (SUE). ALL UTILITIES SHALL BE VERIFIED BEFORE CONSTRUCTION COMMENCES.

8. THE PIPELINE CONTRACTOR IS REQUIRED TO CONTACT PINELLAS COUNTY CONSTRUCTION MANAGEMENT PUBLIC WORKS PROJECT COORDINATOR AT (727) 464-8821 72-HOURS PRIOR TO COMMENCING UTILITY CONSTRUCTION FOR INSPECTION.

9. ALL PINELLAS COUNTY PIPE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH :
- PINELLAS COUNTY STANDARD TECHNICAL SPECIFICATIONS
- PINELLAS COUNTY MATERIAL SPECIFICATION MANUAL
- PINELLAS COUNTY STANDARD DETAILS

10. ANY APPURTENANCES EQUAL TO OR LESS THAN 2" TO BE FURNISHED AND INSTALLED BY PINELLAS COUNTY UTILITIES.

11. ANY APPURTENANCES GREATER THAN OR EQUAL TO 4" TO BE FURNISHED BY PINELLAS COUNTY UTILITIES AND INSTALLED BY THE CONTRACTOR.

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

MAIN NO.: 4625000-221000.01
DATE: OCTOBER 27, 2023
DESIGNED BY: RAD
DRAWN BY: ACC
CHECKED BY: DES
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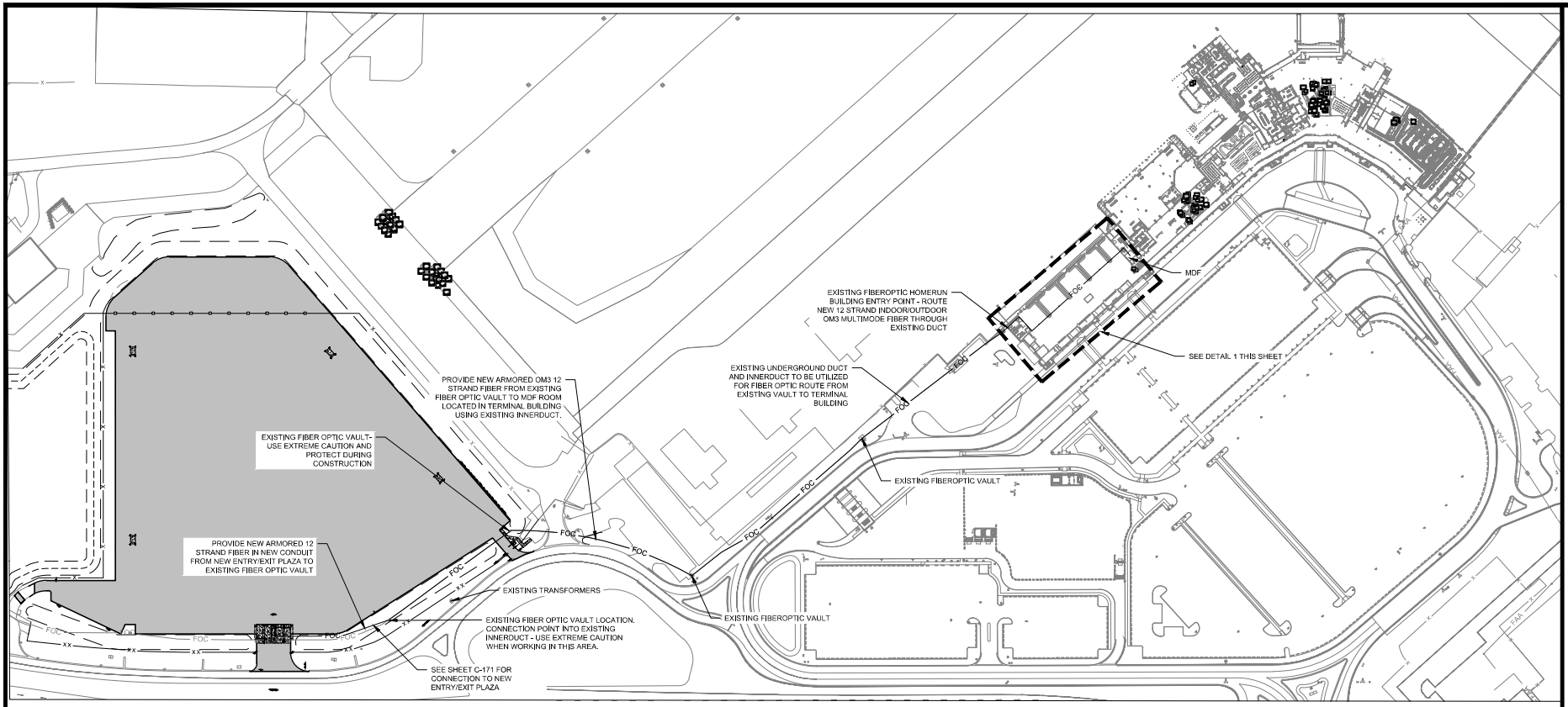
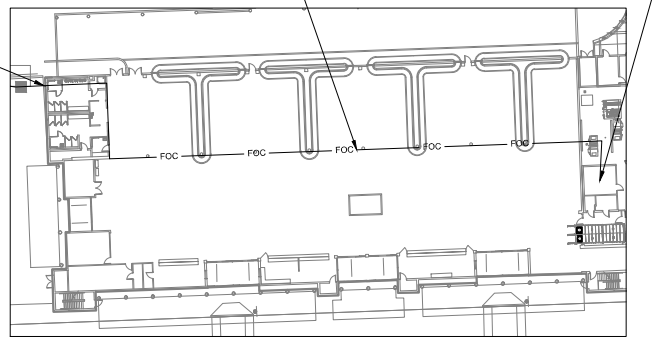
SHEET CONTENTS
SITE UTILITY PLAN

SHEET NO.
C-171

X:\4625000\221000.01\TECH\CAD\DRAWINGS\SHEETS\C-401 SITE UTILITY PLAN.DWG
10/16/2023 6:04:32 PM





1 **TERMINAL ENLARGED VIEW**
1" = 30'

CAUTION NOTE:

EXISTING CABLES, DUCTS, UNDERGROUND UTILITIES, AND ASSOCIATED APPURTENANCES ARE DEPICTED SCHEMATICALLY AND REPRESENT THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN PREPARATION AND ARE NOT INTENDED TO REPRESENT NUMBER OR LOCATION OF THE CABLES, DUCTS, UNDERGROUND UTILITIES, AND APPURTENANCES AND ARE INTENDED FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS IN THE FIELD INCLUDING DEPTH OF ALL CABLES, DUCTS, UNDERGROUND UTILITIES AND SHALL TAKE THE NECESSARY MEASURES TO PROTECT THEM. PROPOSED CONDUIT MAY BE PLACED ABOVE OR AND BELOW EXISTING CABLES, BUT MINIMUM DEPTH REQUIREMENTS SHALL REMAIN. DAMAGE TO EXISTING CABLES, DUCTS, UNDERGROUND UTILITIES, OR APPURTENANCES SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AND OWNER. ALL COSTS OF REPAIR SHALL BE BORNE BY THE CONTRACTOR.

NOTES

1. COST OF ALL ELECTRICAL AND FIBEROPTIC CONDUIT TO BE INCLUDED IN COST OF ELECTRICAL DISTRIBUTION SYSTEM.
2. COST OF NEW 12 COUNT BLUE ARMORED OM3 MULTIMODE FIBER INSTALLED IN NEW OR EXISTING DUCT FROM THE EXISTING MDF TO THE NEW ATTENDANT BOOTH SHALL BE PAID AS A LINEAR FOOT COST UNDER PAY ITEM 271000-1.
3. ALL FIBEROPTIC EQUIPMENT, MATERIALS AND LABOR ASSOCIATED WITH THE CAMERAS AND SECURITY SYSTEM SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-1
4. ALL FIBEROPTIC MATERIALS, EQUIPMENT, AND LABOR ASSOCIATED WITH CONNECTIONS TO THE ENTRANCE/EXIT PLAZA EQUIPMENT SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-2.
5. ALL FIBEROPTIC MATERIALS, EQUIPMENT, AND LABOR ASSOCIATED WITH CONNECTIONS TO THE TOLL BOOTH ENCLOSURE AND EXISTING MDF SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-3.
6. UNSPECIFIED WORK ITEM NO. 5 (9990000-5) HAS BEEN ESTABLISHED TO COVER THE COSTS OF DUKE ENERGY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH DUKE AND THE INSTALLATION OF CONDUIT TO THE EXISTING TRANSFORMER AS SHOWN ON THE PLANS. DUKE ENERGY SHALL BE RESPONSIBLE FOR CONNECTING THE NEW METER AND RUNNING POWER FROM THE TRANSFORMER TO THE METER.
7. UNSPECIFIED WORK ITEM NO. 8 (9990000-8) HAS BEEN ESTABLISHED FOR TEMPORARY LIGHTING OF THE PARKING LOT AT THE BEGINNING AND/OR END OF THE PROJECT SHOULD THERE BE A TIME WHEN CUSTOMER VEHICLES ARE PARKING IN THE STRAWBERY LOT AND THE EXISITNG PARKING LOT LIGHTING HAS BEEN REMOVED OR THE NEW LIGHTING IS NOT OPERATIONAL. THIS WORK ITEM DOES NOT COVER COSTS FOR SITE LIGHTING THE CONTRACTOR MAY UTILIZE FOR CONSTRUCTION. ALL SITE LIGHTING NECESSARY FOR CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND INCIDENTAL TO THE COSTS OF MOBILIZATION.

0 100 200

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE) PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

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SHEET CONTENTS
SITE UTILITY PLAN - COMMUNICATIONS HOMERUN

SHEET NO.
C-172

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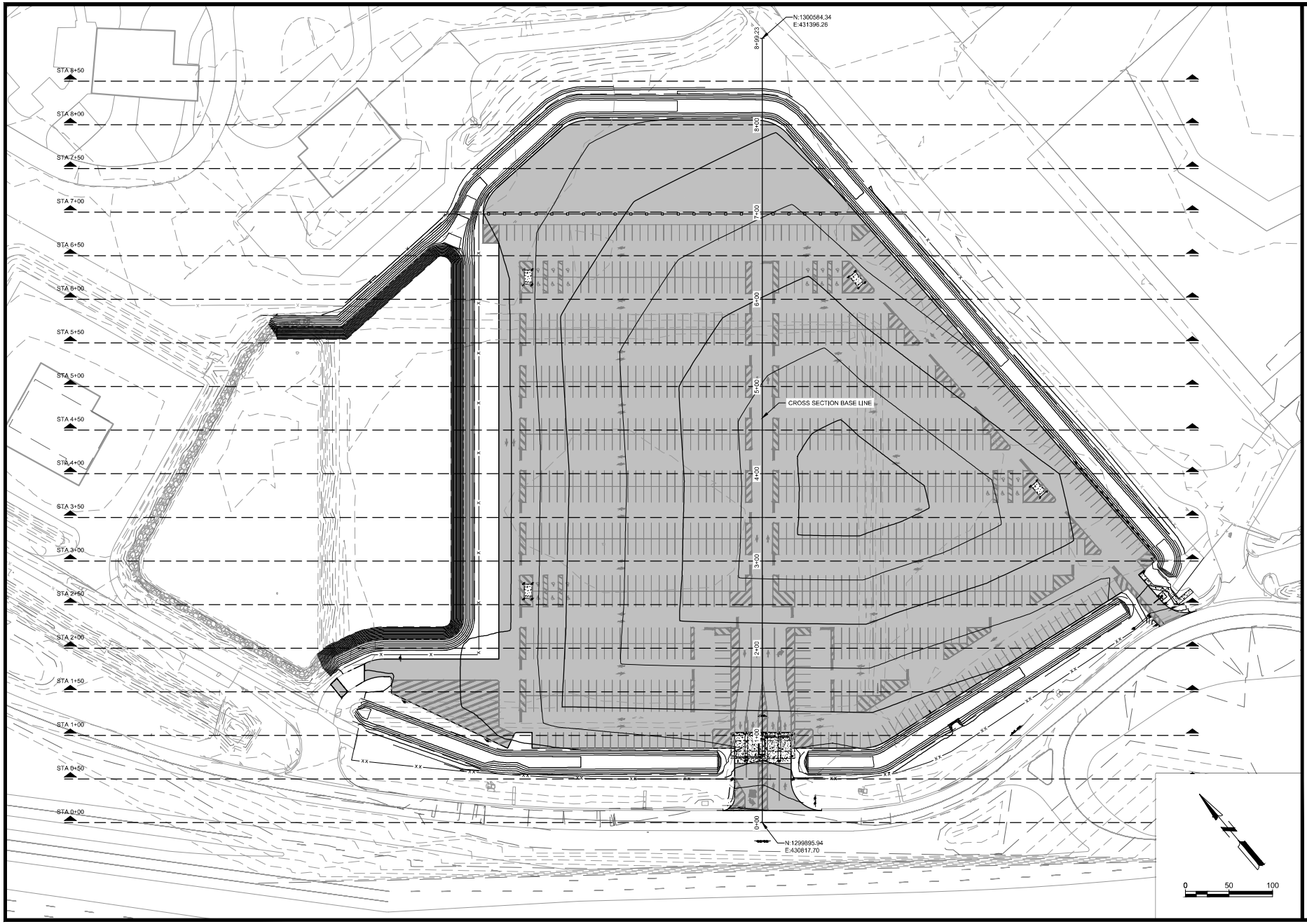

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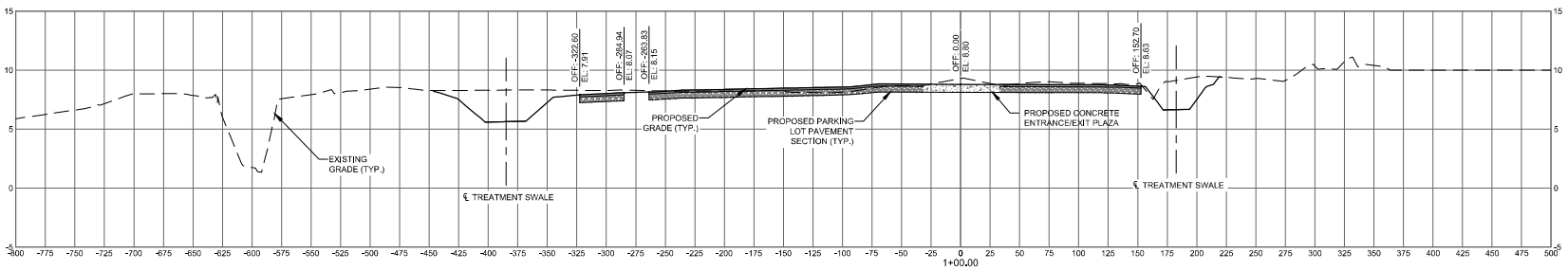
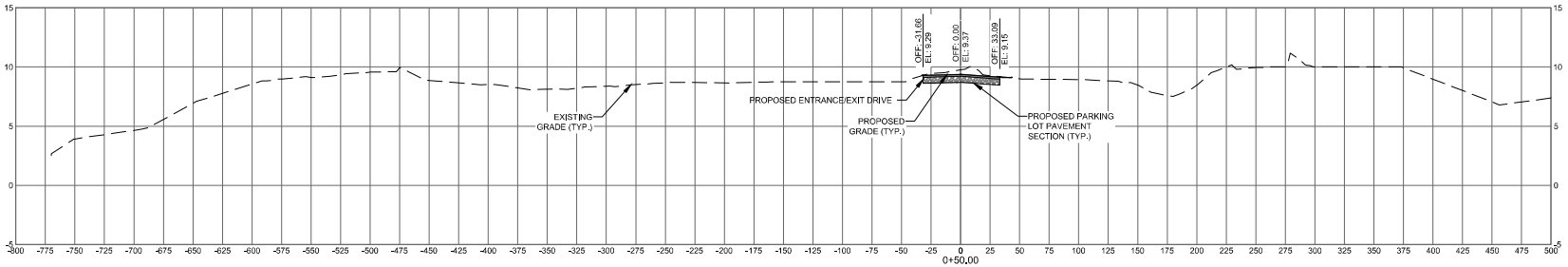
SHEET CONTENTS

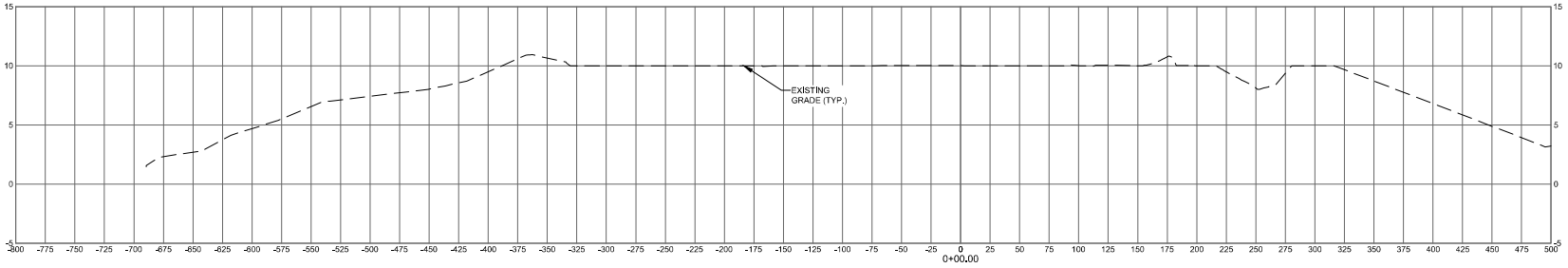
MASTER CROSS SECTION PLAN

SHEET NO.

C-180







SCALE:

HORIZONTAL: 1" = 50'
VERTICAL: 1" = 5'

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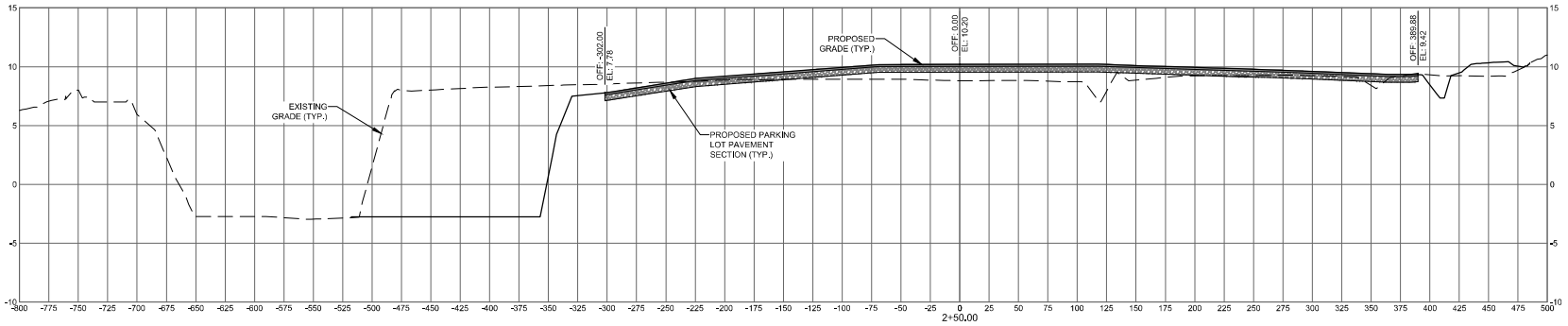
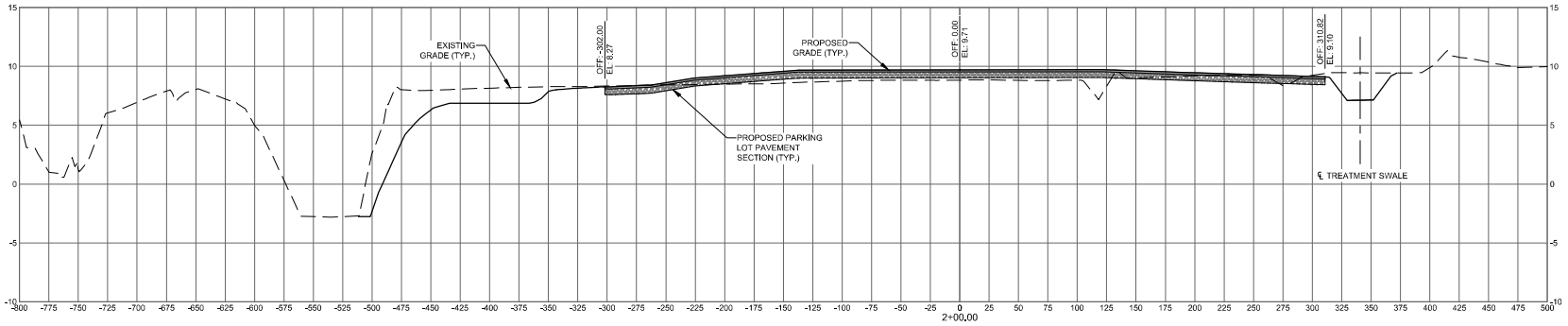
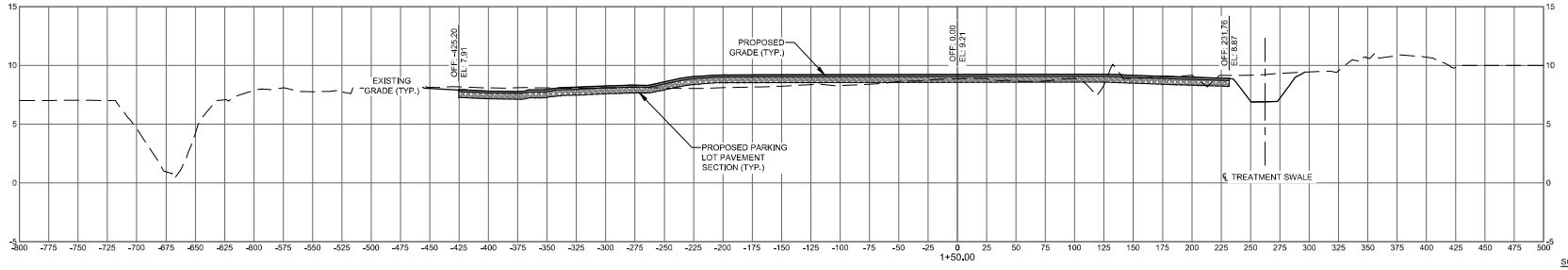
SHEET CONTENTS
CROSS SECTIONS - SHEET 1

SHEET NO.
C-181







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SHEET CONTENTS
CROSS SECTIONS - SHEET 2

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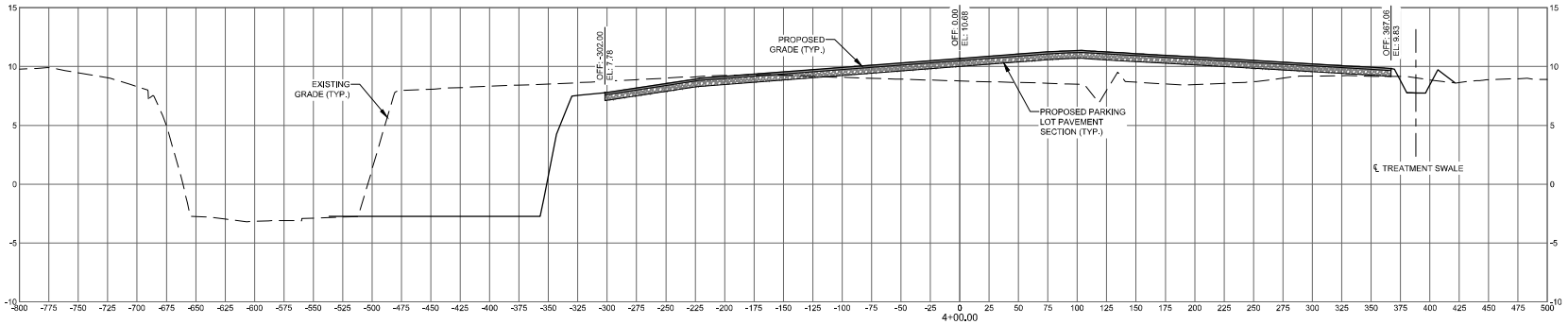
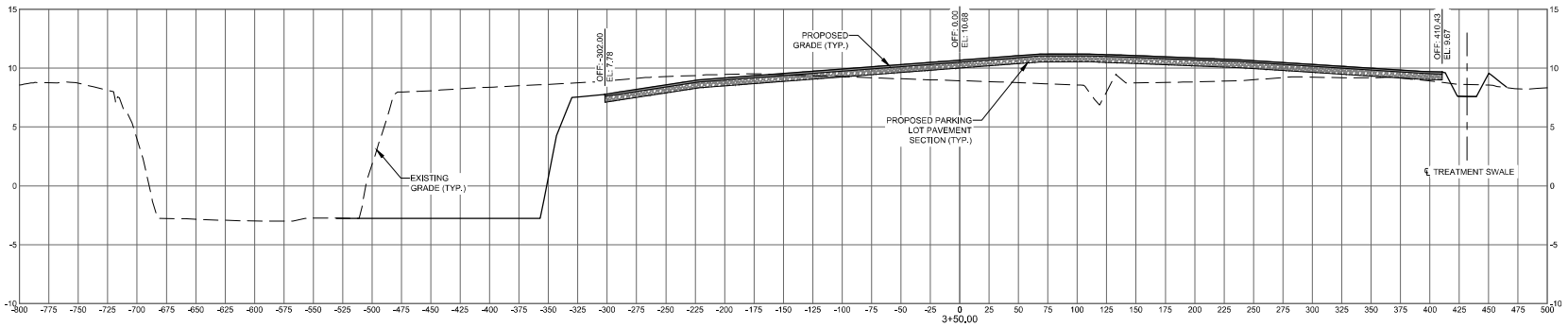
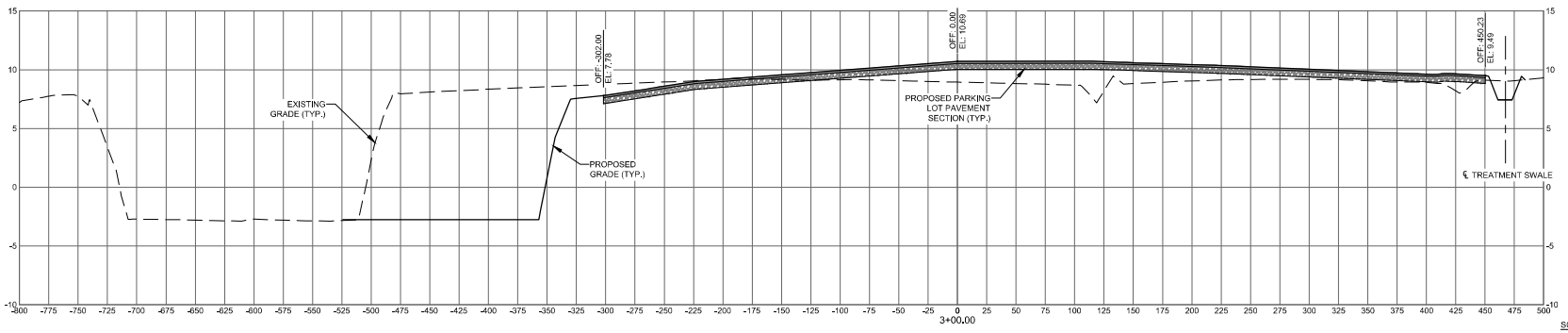
C-182







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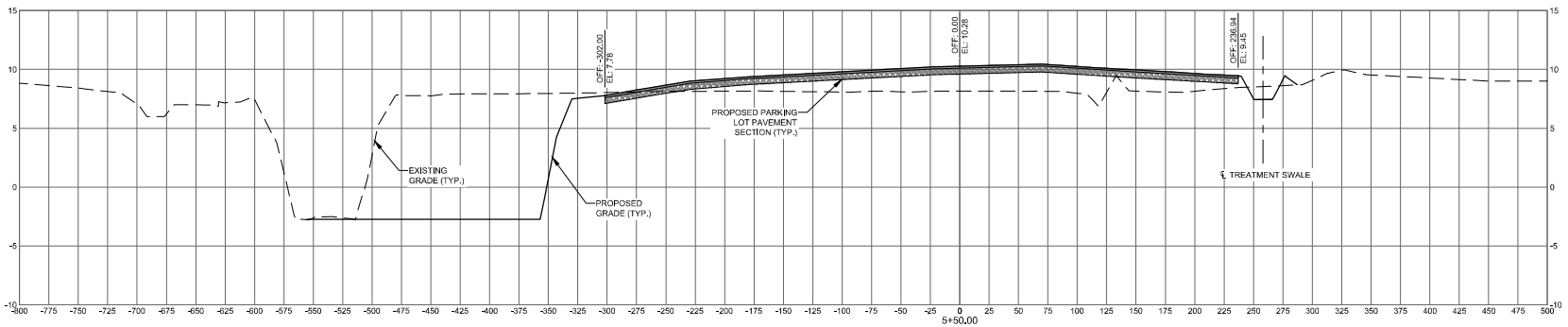
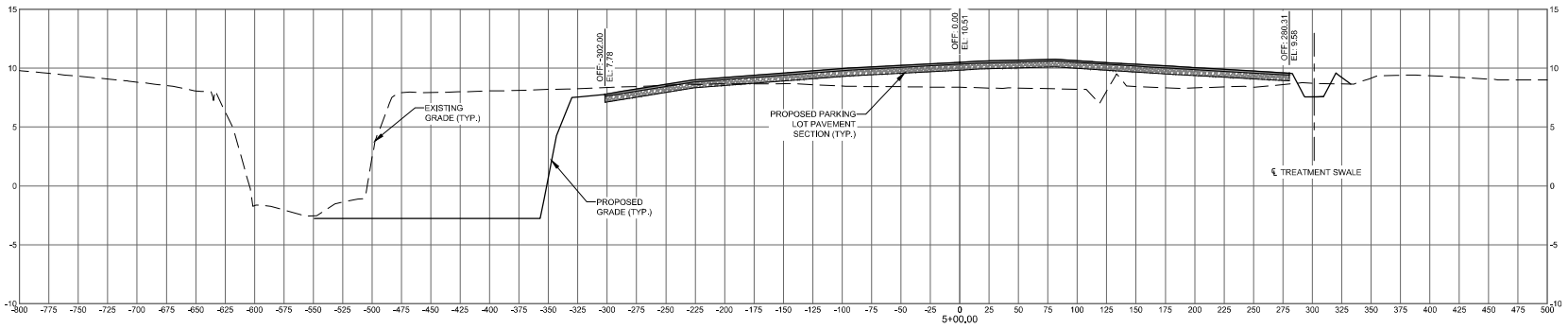
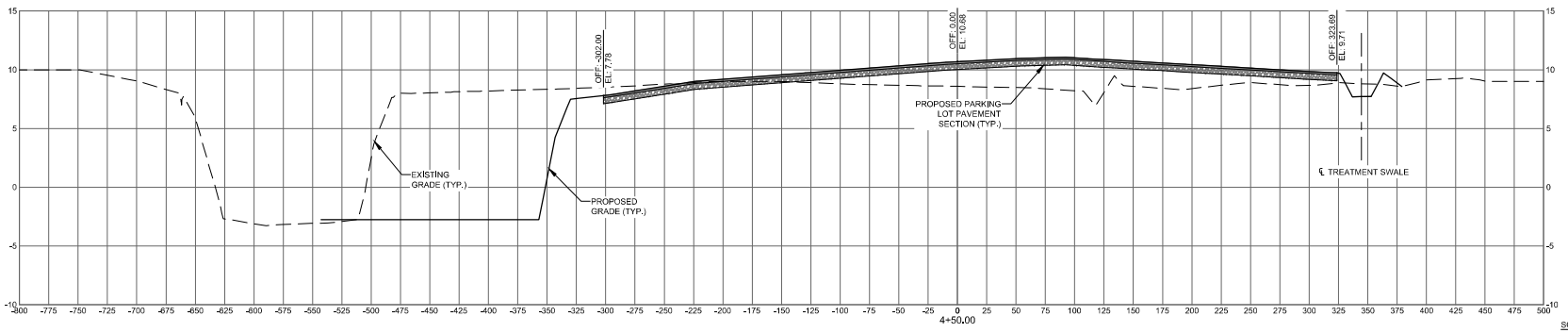
SHEET CONTENTS
CROSS SECTIONS - SHEET 3

SHEET NO.
C-183







SCALE:

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VERTICAL: 1" = 5'

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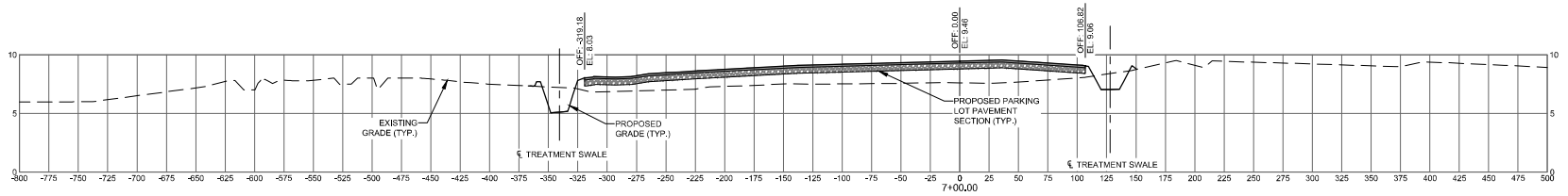
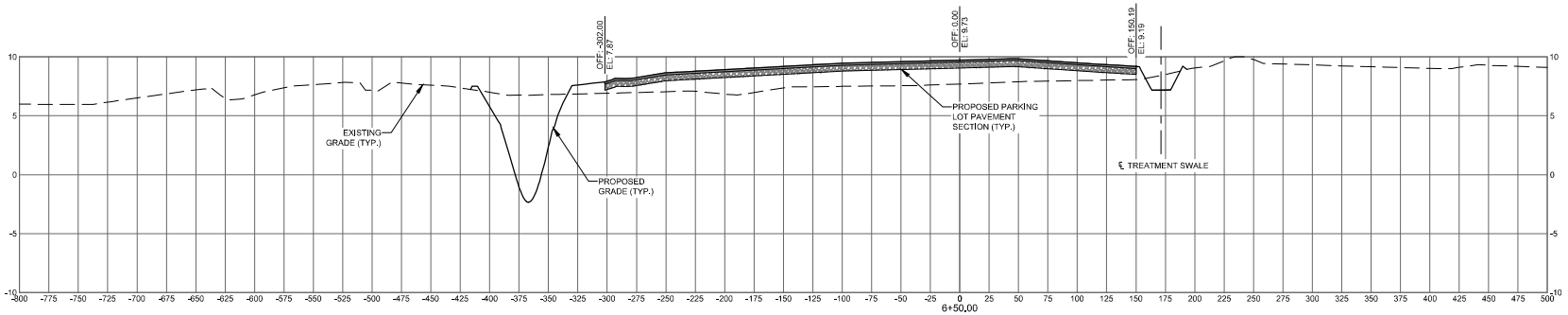
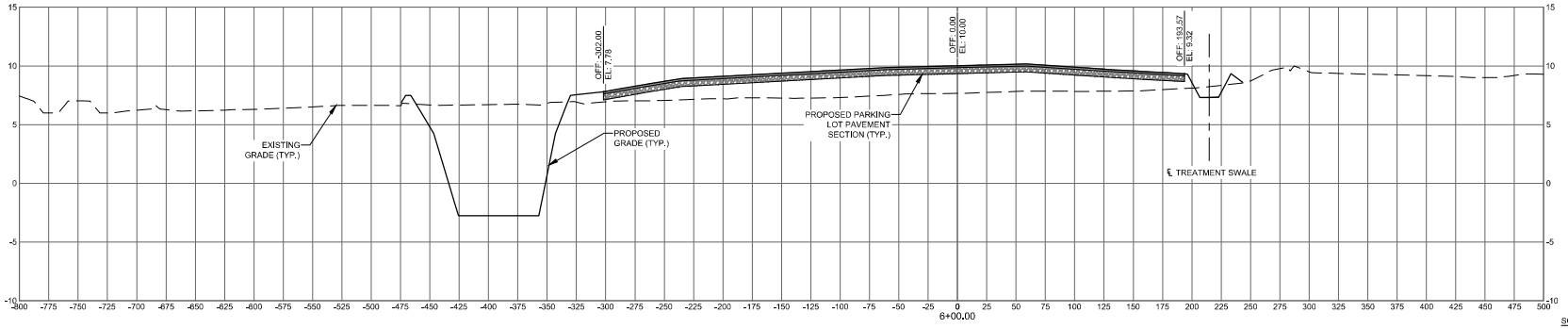
SHEET CONTENTS
CROSS SECTIONS - SHEET 4

SHEET NO.
C-184







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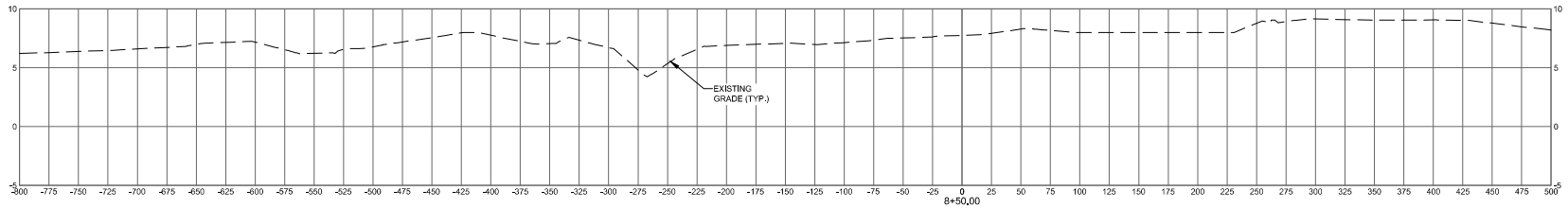
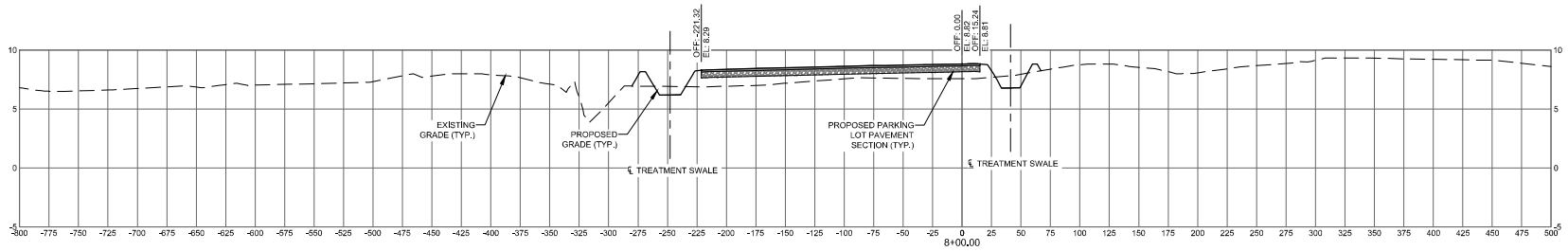
SHEET CONTENTS

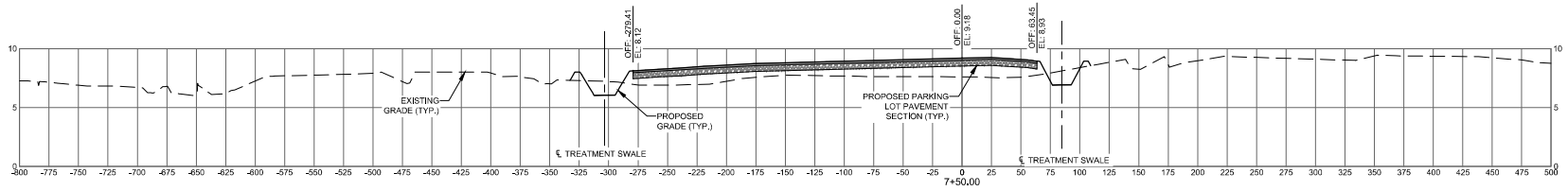
CROSS SECTIONS - SHEET 5

SHEET NO.

C-185







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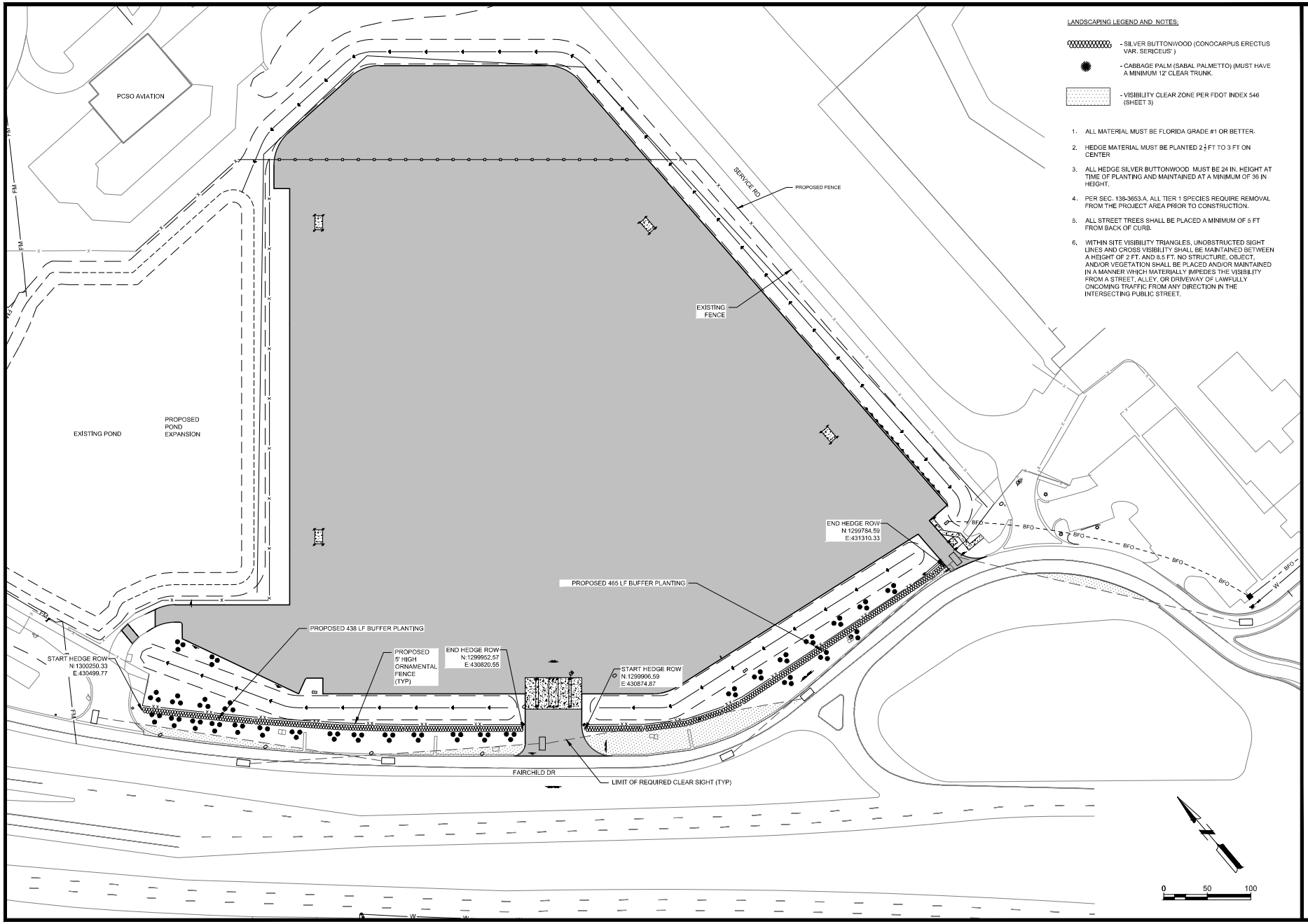
SHEET CONTENTS
CROSS SECTIONS - SHEET 6

SHEET NO.
C-186



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SHEET CONTENTS
LANDSCAPING PLAN

SHEET NO.
LS-101

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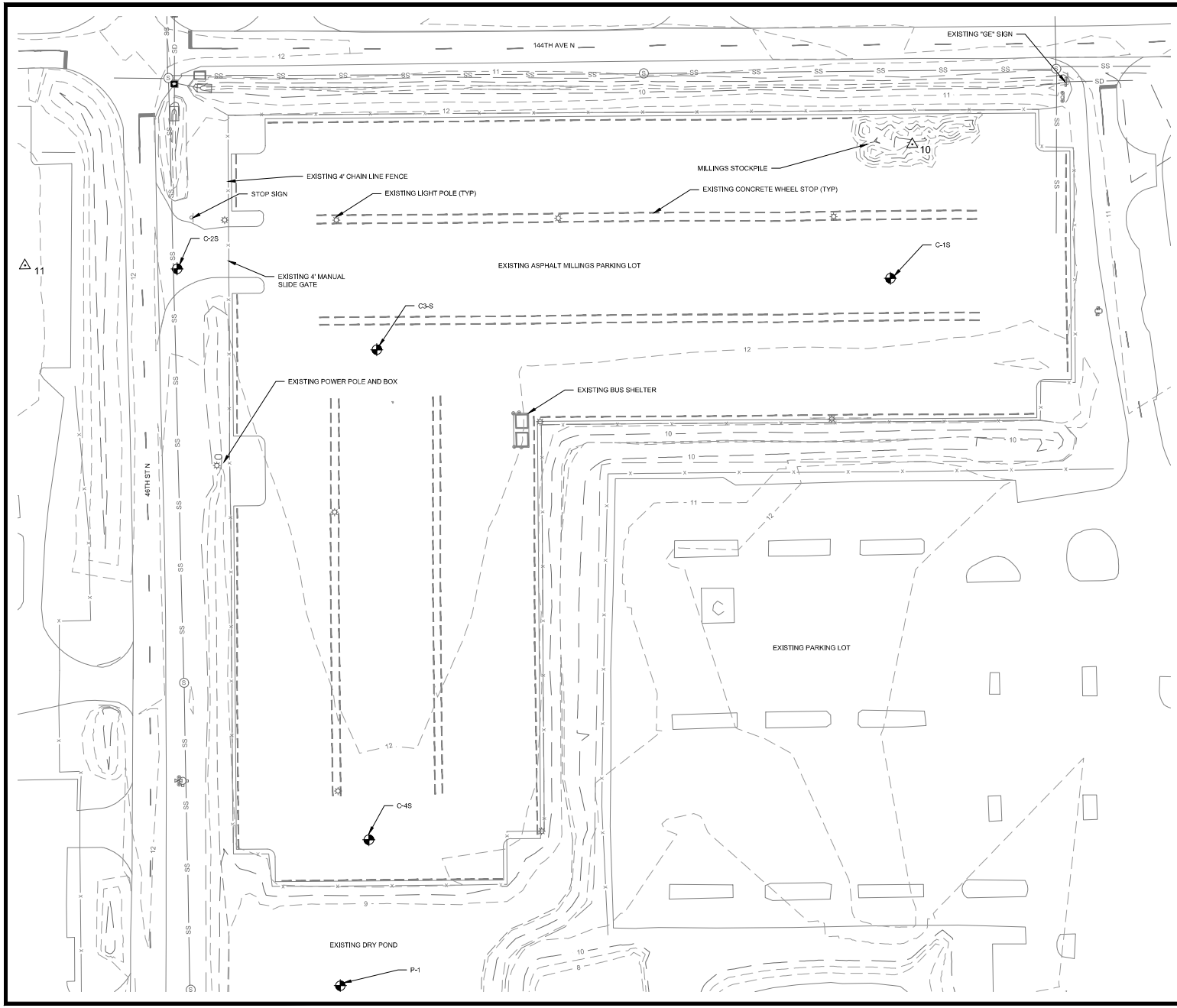
10/16/2023 6:07:14 PM



SURVEY NOTES

1. THIS DRAWING IS REFERENCED TO A GRID PROJECTION OF THE STATE PLANE COORDINATE SYSTEM OF FLORIDA WEST ZONE (NAD 83/11 ADJUSTMENT).
2. THE FOLLOWING NGS MONUMENT WAS RECOVERED AND UTILIZED FOR HORIZONTAL AND VERTICAL (NAVD 1988) CONTROL: "JORDAN E" PID DO5082 EL=6.27'
3. THIS SURVEY IS SUBJECT TO PERTINENT EASEMENTS, RIGHTS-OF-WAY AND RESTRICTIONS OF RECORD, IF ANY.
4. CONTROL POINTS SHOWN HEREON WERE DERIVED FROM DOUBLE OBSERVATION USING RTK GPS BASE STATION.
5. THIS SURVEY DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF THE PARTY OR PARTIES CERTIFIED TO BELOW FOR THE EXPRESS PURPOSE STATED HEREON AND/OR CONTAINED IN THE CONTRACT BETWEEN HYATT SURVEY SERVICES, INC. AND THE CLIENT FOR THIS PROJECT. COPYING, DISTRIBUTING AND/OR USING THIS DRAWING, IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT WRITTEN CONSENT FROM HYATT SURVEY SERVICES, INC. IS STRICTLY PROHIBITED AND RENDERS THE SURVEYOR'S CERTIFICATION, SIGNATURE AND SEAL NULL AND VOID. ANY QUESTIONS CONCERNING THE CONTENT OR PURPOSE OF THIS DRAWING SHOULD BE DIRECTED TO HYATT SURVEY SERVICES, INC.

SURVEY CONTROL POINTS

POINT	NORTHING	EASTING	ELEVATION
# 10	1297951.80	431706.96	16.64'
# 11	1297871.63	431181.16	13.63'

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CHECKED BY:	DES

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SHEET CONTENTS
EXISTING CONDITIONS

SHEET NO.
C-201

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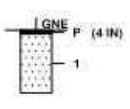
10/16/2023 6:07:44 PM

SOIL PROFILES

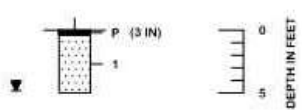
SOUTH PARKING LOT

BOR # C-1S
EASTING 431700
NORTHING 1297872
DATE 6/20/2022

BOR # C-2S
EASTING 431250
NORTHING 1297878
DATE 6/20/2022

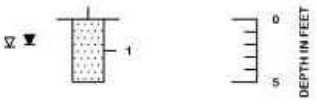


BOR # C-3S
EASTING 431376
NORTHING 1297827
DATE 6/20/2022



BOR # C-4S
EASTING 431371
NORTHING 1297518
DATE 6/20/2022

BOR # P-1
EASTING 431353
NORTHING 1297426
DATE 6/20/2022



LEGEND

1 LIGHT BROWN TO GRAY SAND TO SAND WITH SILT (SP/SP-SM)

2 LIGHT GRAY TO GREEN-GRAY SILTY SAND (SM)

P ASPHALT MILLINGS

A - WITH LIMESTONE FRAGMENTS

▼ GROUNDWATER LEVEL ENCOUNTERED DURING INVESTIGATION

▽ ESTIMATED SEASONAL HIGH GROUNDWATER TABLE

N SPT N-VALUE IN BLOWS/FOOT FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED)

SP UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2488) GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW

GNE GROUNDWATER TABLE NOT ENCOUNTERED

HA HAND AUGERED TO VERIFY UTILITY CLEARANCES

	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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ST. PETE CLEARWATER
INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

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BID DOCUMENTS

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SHEET CONTENTS
SOIL BORING LOGS

SHEET NO.
C-202

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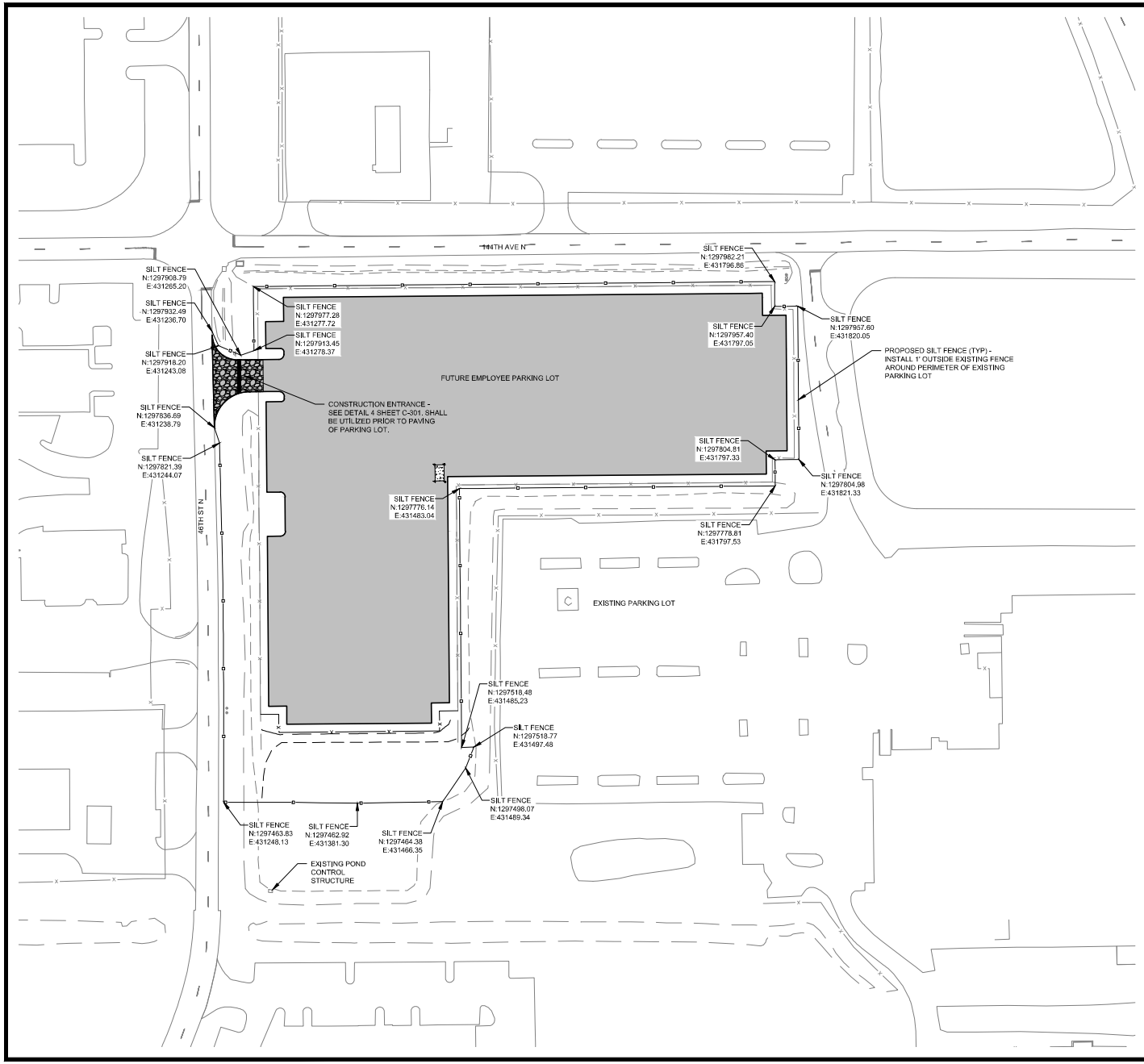

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SHEET CONTENTS
EROSION CONTROL PLAN

SHEET NO.
C-211

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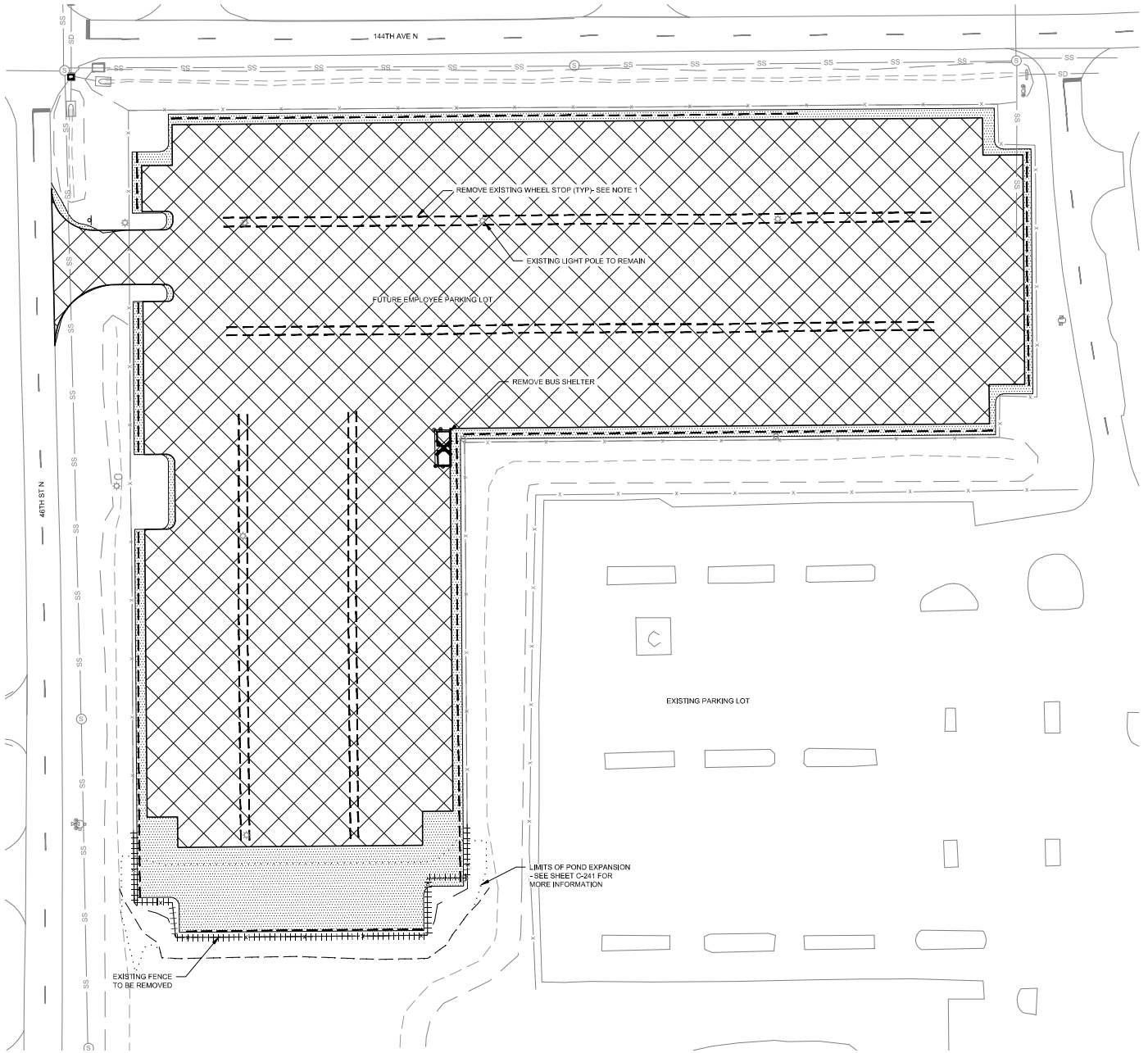

DEMOLITION LEGEND AND NOTES

EXISTING ASPHALT MILLINGS TO BE MIXED IN PLACE FOR BASE COURSE - SEE SHEET C-236

EXISTING ASPHALT MILLINGS TO BE REMOVED (SEE NOTE 5)

REMOVE

1. EXISTING WHEEL STOPS TO BE REMOVED AND STOCKPILED. WHEEL STOPS SHALL BE INSTALLED WHERE INDICATED ON THE MARKING AND SIGNAGE PLAN. ANY REMAINING WHEEL STOPS TO BE DISPOSED OF BY CONTRACTOR. COST OF WHEEL STOP INSTALLATION INCIDENTAL TO WHEEL STOP REMOVAL
2. EXISTING ASPHALT MILLINGS SHALL BE MIXED IN PLACE- SEE SHEET C-235 FOR DEMOLITION AND RECONSTRUCTION OF NEW PAVEMENT SECTION.
3. EXISTING LIGHT POLES SHALL REMAIN IN PLACE AND PROTECTED DURING CONSTRUCTION.
4. EXISTING FENCE AND MANUAL SLIDE GATE TO BE MAINTAINED. IF CONTRACTOR CHOOSES TO REMOVE DURING PAVING OPERATIONS IT SHALL BE REPLACED IN ITS ORIGINAL LOCATION PRIOR TO COMPLETION OF THE PROJECT. ANY COSTS OF THIS IS INCIDENTAL TO THE PROJECT.
5. EXACT LIMIT OF MILLINGS REMOVAL VARIES AS EXISTING LOT IS NOT A STRAIGHT/DEFINED LINE. UPON ESTABLISHING NEW PAVED EDGE, CONTRACTOR SHALL REMOVE ALL REMAINING MILLINGS AND SOD THESE AREAS.

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SHEET CONTENTS
DEMOLITION PLAN

SHEET NO.
C-221

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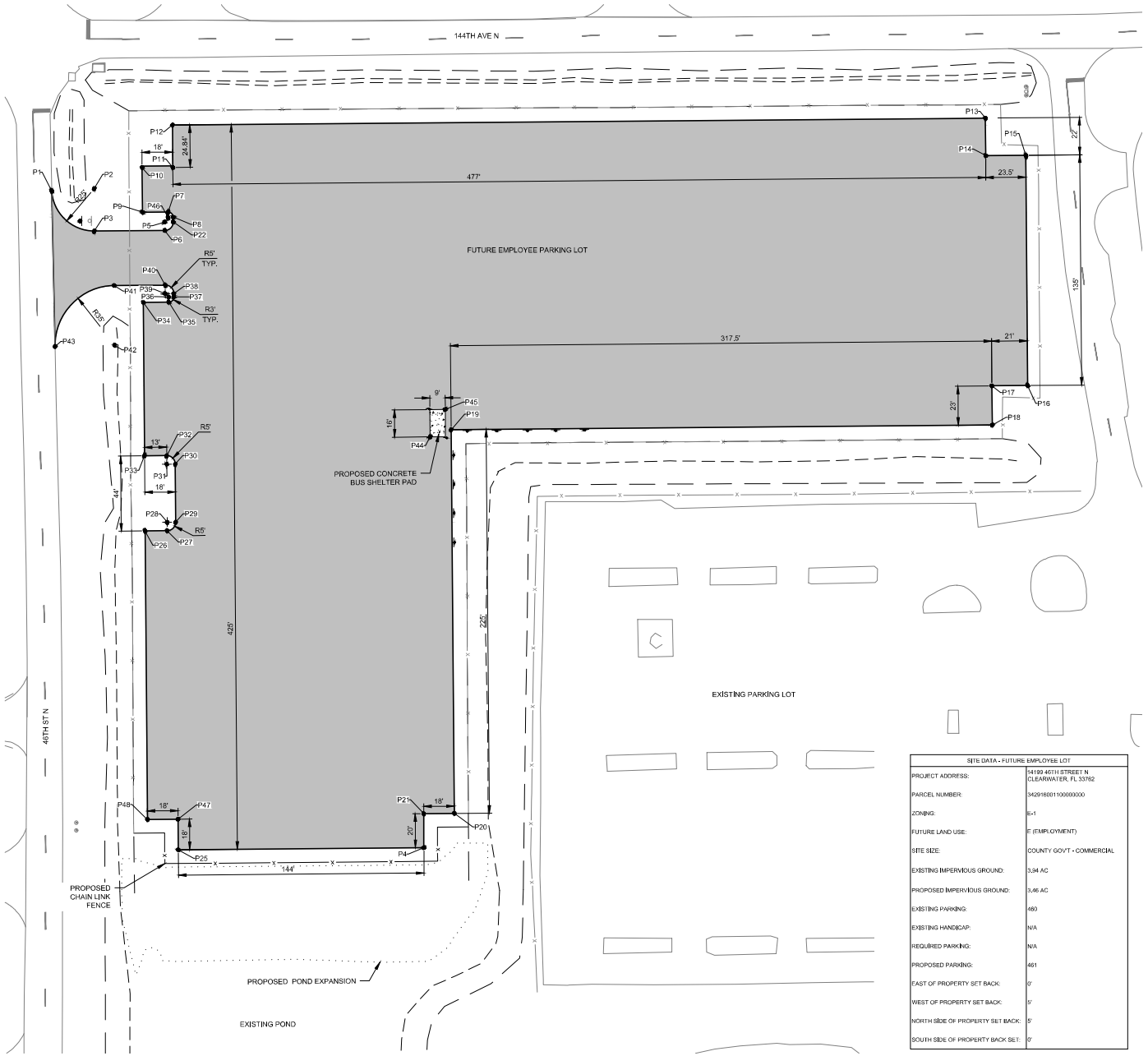

LEGEND

- PROPOSED ASPHALT PAVEMENT- SEE SHEET C-235
- PROPOSED CONCRETE PAVEMENT- SEE SHEET BS-102
- PROPOSED CHAIN LINK FENCE-CONTRACTOR SHALL INSTALL NEW FENCE POSTS AND FOUNDATIONS PER DETAIL ON SHEET C-321 BUT CAN REUSE EXISTING FABRIC. MATCH EXISTING FENCE HEIGHT.

N

0 30 60

SITE DATA - FUTURE EMPLOYEE LOT	
PROJECT ADDRESS:	14199 46TH STREET N CLEARWATER, FL 33762
PARCEL NUMBER:	342916001100000000
ZONING:	E-1
FUTURE LAND USE:	E (EMPLOYMENT)
SITE SIZE:	COUNTY GOVT - COMMERCIAL
EXISTING IMPERVIOUS GROUND:	3.94 AC
PROPOSED IMPERVIOUS GROUND:	3.46 AC
EXISTING PARKING:	460
EXISTING HANDICAP:	N/A
REQUIRED PARKING:	N/A
PROPOSED PARKING:	461
EAST OF PROPERTY SET BACK:	0'
WEST OF PROPERTY SET BACK:	5'
NORTH SIDE OF PROPERTY SET BACK:	5'
SOUTH SIDE OF PROPERTY BACK SET:	0'

POINT LOCATION TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
1	1297927.978	431236.796	PAVEMENT EDGE
2	1297929.307	431261.768	RADIUS POINT
3	1297904.307	431261.781	PAVEMENT EDGE
4	1297542.729	431455.218	PAVEMENT EDGE
5	1297909.609	431303.122	RADIUS POINT
6	1297904.609	431303.158	PAVEMENT EDGE
7	1297915.465	431305.079	PAVEMENT EDGE
8	1297912.486	431308.101	PAVEMENT EDGE
9	1297915.352	431290.083	PAVEMENT EDGE
10	1297941.509	431289.856	PAVEMENT EDGE
11	1297941.661	431307.855	PAVEMENT EDGE
12	1297966.502	431307.646	PAVEMENT EDGE
13	1297970.516	431784.629	PAVEMENT EDGE
14	1297948.517	431784.814	PAVEMENT EDGE
15	1297948.714	431808.314	PAVEMENT EDGE
16	1297813.719	431809.450	PAVEMENT EDGE
17	1297813.542	431788.450	PAVEMENT EDGE
18	1297790.543	431788.644	PAVEMENT EDGE
19	1297787.872	431471.155	PAVEMENT EDGE
20	1297562.879	431473.049	PAVEMENT EDGE
21	1297562.728	431455.049	PAVEMENT EDGE
22	1297909.644	431308.122	PAVEMENT EDGE
25	1297541.516	431311.109	PAVEMENT EDGE
26	1297728.516	431291.582	PAVEMENT EDGE
27	1297728.614	431304.567	PAVEMENT EDGE
28	1297733.608	431304.525	RADIUS POINT
29	1297733.618	431309.531	PAVEMENT EDGE
30	1297767.649	431309.286	PAVEMENT EDGE
31	1297767.613	431304.286	RADIUS POINT
32	1297772.613	431304.251	PAVEMENT EDGE
33	1297772.515	431291.224	PAVEMENT EDGE
34	1297862.512	431290.492	PAVEMENT EDGE
35	1297862.624	431305.467	PAVEMENT EDGE
36	1297865.624	431305.446	RADIUS POINT
37	1297865.658	431308.446	RADIUS POINT
38	1297867.652	431308.431	RADIUS POINT
39	1297867.610	431303.432	RADIUS POINT
40	1297872.610	431303.396	RADIUS POINT
41	1297872.362	431273.492	RADIUS POINT
42	1297837.363	431273.787	RADIUS POINT
43	1297836.703	431238.793	RADIUS POINT
44	1297783.646	431458.843	CONCRETE EDGE
45	1297799.721	431467.708	CONCRETE EDGE
46	1297912.343	431304.981	RADIUS POINT
47	1297559.510	431310.958	PAVEMENT EDGE
48	1297559.359	431292.958	PAVEMENT EDGE

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE) PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

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SHEET CONTENTS
SITE PLAN

SHEET NO.
C-231

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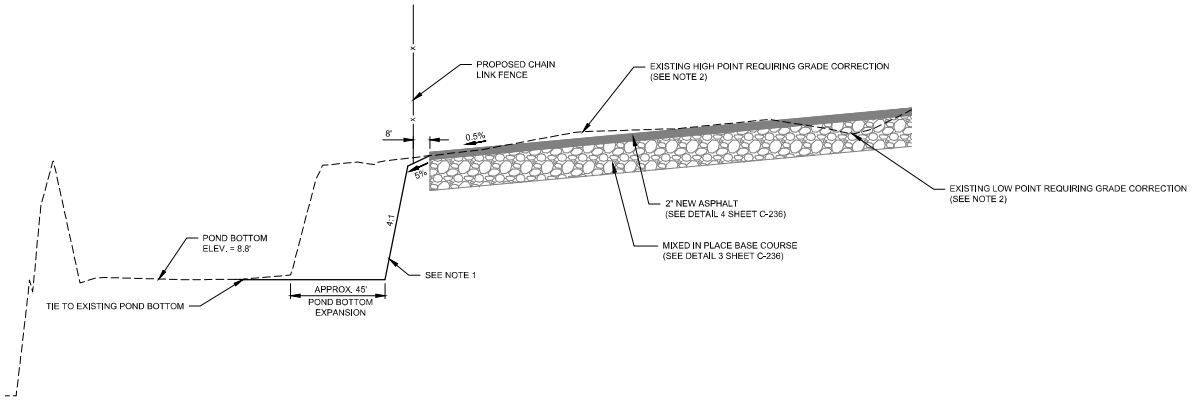
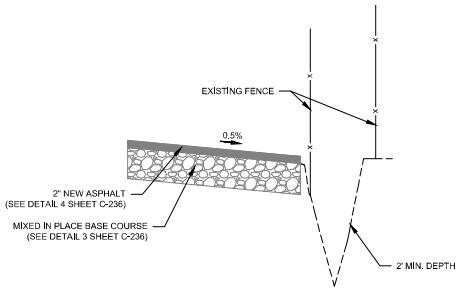


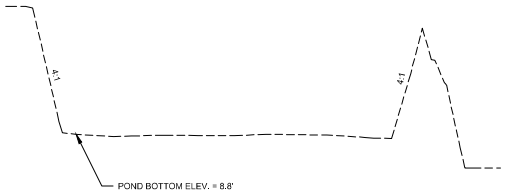
1 TYPICAL SECTION A-A
NOT TO SCALE

NOTES:

1. LIMITS OF POND BANK AND DISTURBED AREA TO BE SODDED.
2. AREAS OF THE EXISTING ASPHALT MILLINGS PARKING LOT HAVE ADJUSTED OVER TIME SINCE ORIGINAL CONSTRUCTION AND LOW AND HIGH SPOTS HAVE DEVELOPED. ADJUSTMENTS MAY BE NEEDED AFTER MIXING OF BASE COURSE OCCURS SO THAT HIGH SPOTS AND LOW SPOTS ARE REMOVED AND POSITIVE DRAINAGE CAN BE MAINTAINED ACROSS THE PARKING LOT.
3. SEE GRADING PLAN, SHEET C-241 FOR SECTION CUT LOCATIONS.



5 TYPICAL SECTION E-E
NOT TO SCALE



2 TYPICAL SECTION B-B
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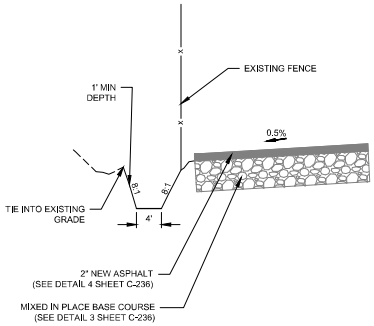
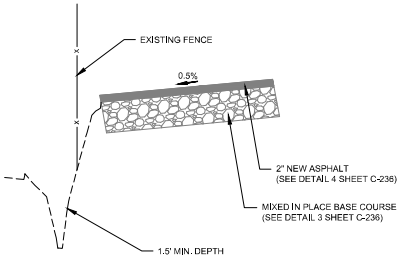


3 TYPICAL SECTION C-C
NOT TO SCALE



4 TYPICAL SECTION D-D
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SHEET CONTENTS
TYPICAL SECTIONS & PROFILES - SHEET 1

SHEET NO.
C-235

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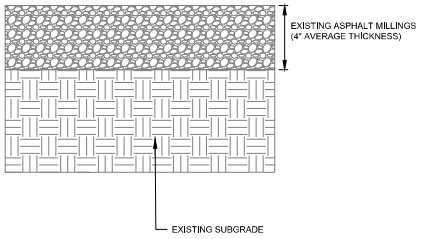

1 EXISTING ASPHALT MILLINGS SECTION
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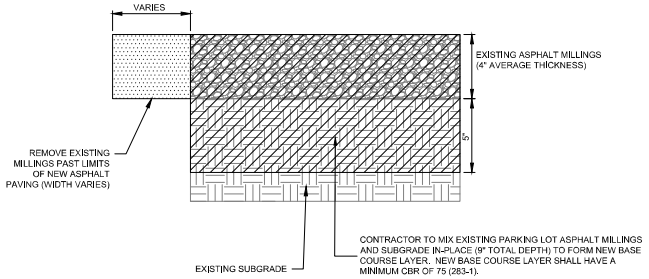

2 DEMOLITION SECTION
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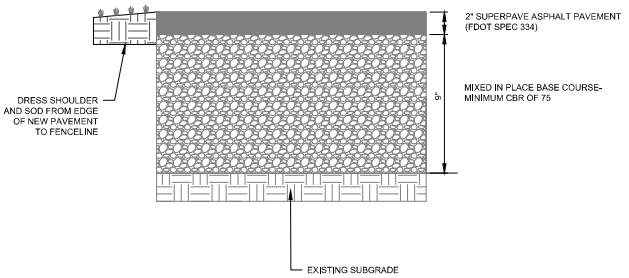

3 NEW ASPHALT PAVEMENT SECTION
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SHEET CONTENTS
TYPICAL SECTIONS & PROFILES - SHEET 2

SHEET NO.
C-236

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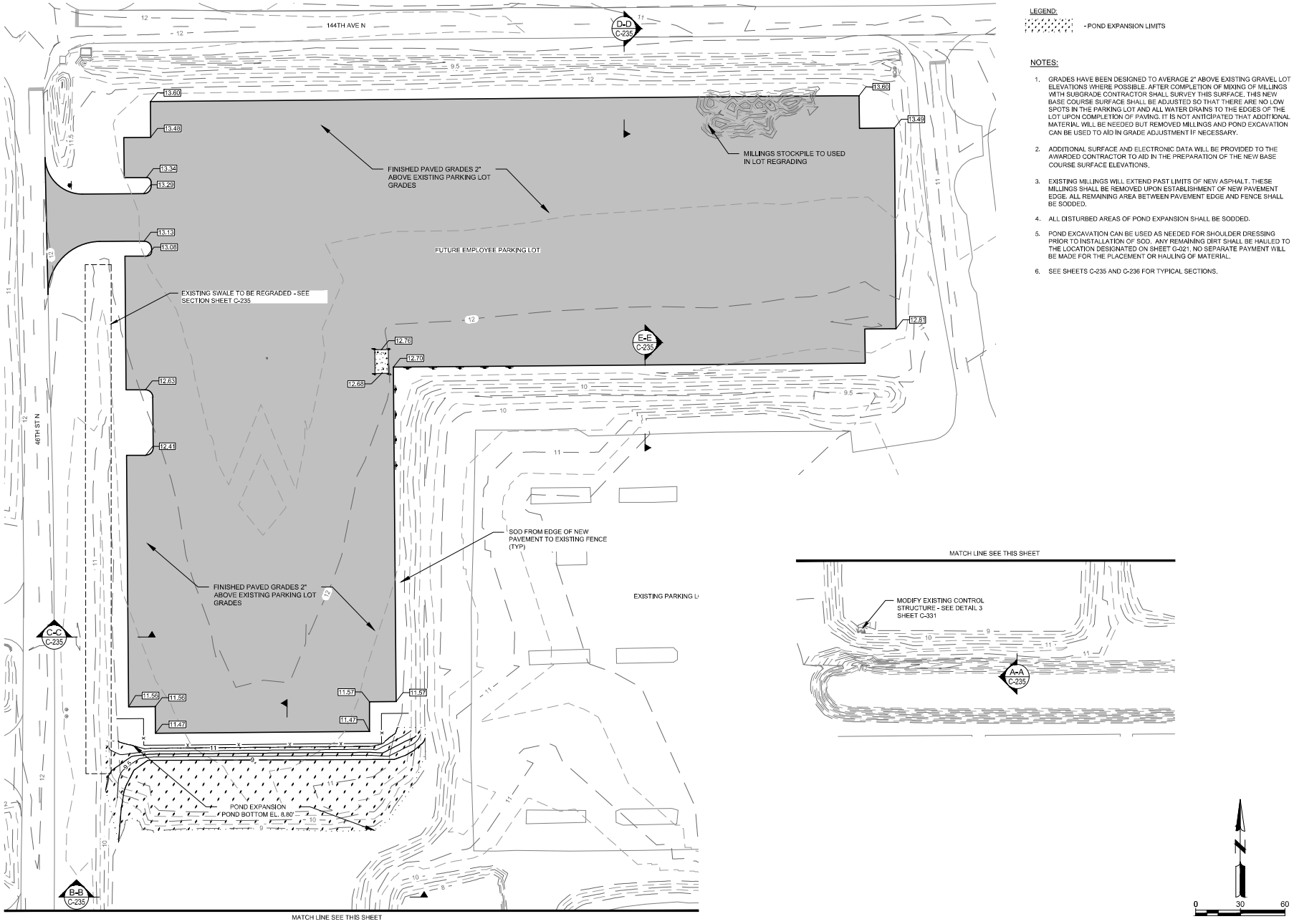

LEGEND:

- POND EXPANSION LIMITS

NOTES:

1. GRADES HAVE BEEN DESIGNED TO AVERAGE 2" ABOVE EXISTING GRAVEL LOT ELEVATIONS WHERE POSSIBLE. AFTER COMPLETION OF MIXING OF MILLINGS WITH SUBGRADE CONTRACTOR SHALL SURVEY THIS SURFACE. THIS NEW BASE COURSE SURFACE SHALL BE ADJUSTED SO THAT THERE ARE NO LOW SPOTS IN THE PARKING LOT AND ALL WATER DRAINS TO THE EDGES OF THE LOT UPON COMPLETION OF PAVING. IT IS NOT ANTICIPATED THAT ADDITIONAL MATERIAL WILL BE NEEDED BUT REMOVED MILLINGS AND POND EXCAVATION CAN BE USED TO AID IN GRADE ADJUSTMENT IF NECESSARY.
2. ADDITIONAL SURFACE AND ELECTRONIC DATA WILL BE PROVIDED TO THE AWARDED CONTRACTOR TO AID IN THE PREPARATION OF THE NEW BASE COURSE SURFACE ELEVATIONS.
3. EXISTING MILLINGS WILL EXTEND PAST LIMITS OF NEW ASPHALT. THESE MILLINGS SHALL BE REMOVED UPON ESTABLISHMENT OF NEW PAVEMENT EDGE. ALL REMAINING AREA BETWEEN PAVEMENT EDGE AND FENCE SHALL BE SODDED.
4. ALL DISTURBED AREAS OF POND EXPANSION SHALL BE SODDED.
5. POND EXCAVATION CAN BE USED AS NEEDED FOR SHOULDER DRESSING PRIOR TO INSTALLATION OF SOD. ANY REMAINING DIRT SHALL BE HAULED TO THE LOCATION DESIGNATED ON SHEET G-021. NO SEPARATE PAYMENT WILL BE MADE FOR THE PLACEMENT OR HAULING OF MATERIAL.
6. SEE SHEETS C-235 AND C-236 FOR TYPICAL SECTIONS.

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SHEET CONTENTS
GRADING & DRAINAGE PLAN

SHEET NO.
C-241

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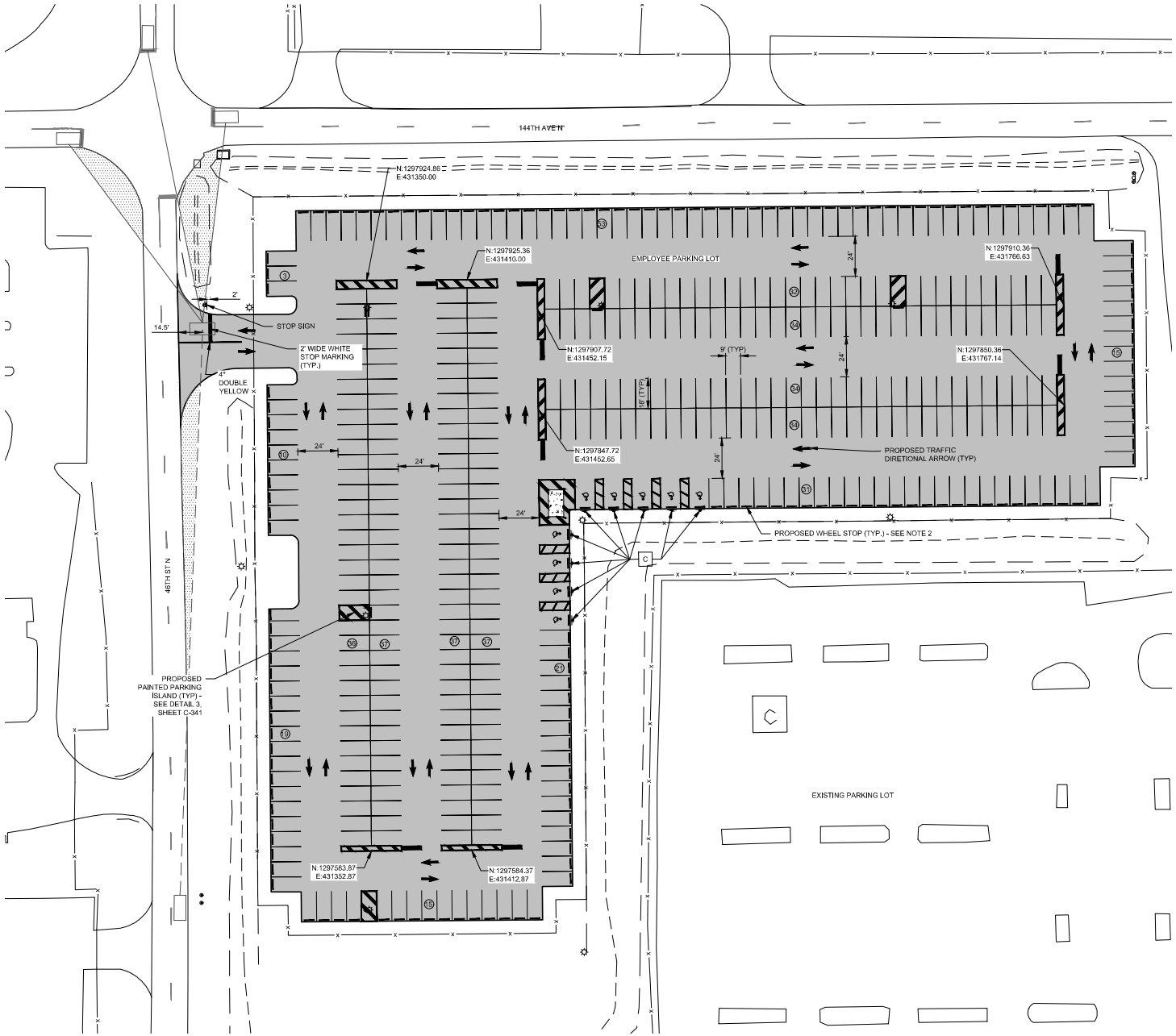

LEGEND & NOTES

PROPOSED SIGN PANEL LEGEND- SEE SHEET C-351 FOR PANEL DESIGNATIONS

NUMBER OF PARKING SPOTS PER ROW

VISIBILITY CLEAR ZONE PER FDOT INDEX 546 (SHEET 3)

1. ALL MARKINGS AND SIGNAGE TO BE ACCORDING TO FDOT FY 2022-23 STANDARD INDEX OF DRAWINGS UNLESS OTHERWISE NOTED.
2. WHEEL STOPS SHALL BE PLACED ON ALL OUTER PERIMETER PARKING SPACES AND HANDICAPPED STALLS AS SHOWN. CONCRETE WHEEL STOPS REMOVED FROM EXISTING LOT SHALL BE USED FOR AT THESE LOCATIONS. NO NEW WHEEL STOPS ARE REQUIRED. COST OF WHEEL STOP INSTALLATION IS INCIDENTAL TO WHEEL STOP REMOVAL.
3. WITHIN SITE VISIBILITY TRIANGLES, UNOBSTRUCTED SIGHT LINES AND CROSS VISIBILITY SHALL BE MAINTAINED BETWEEN A HEIGHT OF 2 FT. AND 8.5 FT. NO STRUCTURE, OBJECT, AND/OR VEGETATION SHALL BE PLACED AND/OR MAINTAINED IN A MANNER WHICH MATERIALLY IMPEDES THE VISIBILITY FROM A STREET, ALLEY, OR DRIVEWAY OF LAWFULLY ONCOMING TRAFFIC FROM ANY DIRECTION IN THE INTERSECTING PUBLIC STREET.

PARKING SPACE SUMMARY

444 REGULAR PARKING SPACES

9 HANDICAP SPACES

453 TOTAL PARKING SPACES

Mead & Hunt

Mead and Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

PIE St. Pete-Clearwater International

TAMPA BAY THE EASY WAY

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE) PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

M&H NO.:	4625000-221000.01
DATE:	OCTOBER 27, 2023
DESIGNED BY:	RAD
DRAWN BY:	ACC
CHECKED BY:	DES

DO NOT SCALE DRAWINGS

SHEET CONTENTS

SIGNAGE & MARKING PLAN

SHEET NO.

C-261

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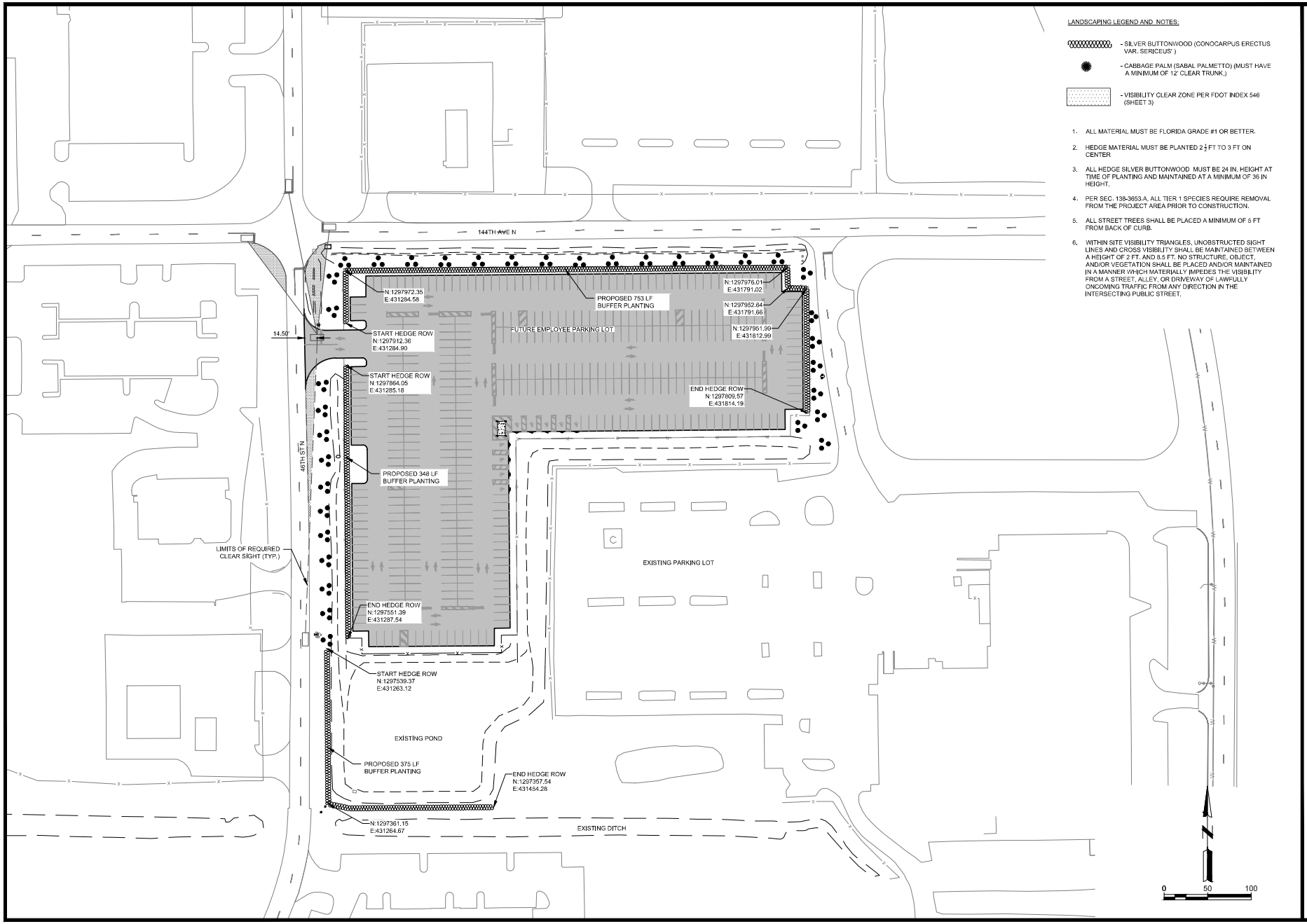

LANDSCAPING LEGEND AND NOTES:

- SILVER BUTTONWOOD (CONOCARPUS ERECTUS VAR. SERICEUS')
- CABBAGE PALM (SABAL PALMETTO) (MUST HAVE A MINIMUM OF 12' CLEAR TRUNK.)
- VISIBILITY CLEAR ZONE PER FDOT INDEX 546 (SHEET 3)

1. ALL MATERIAL MUST BE FLORIDA GRADE #1 OR BETTER.
2. HEDGE MATERIAL MUST BE PLANTED 2 ½ FT TO 3 FT ON CENTER
3. ALL HEDGE SILVER BUTTONWOOD MUST BE 24 IN. HEIGHT AT TIME OF PLANTING AND MAINTAINED AT A MINIMUM OF 36 IN HEIGHT.
4. PER SEC. 138-3653.A, ALL TIER 1 SPECIES REQUIRE REMOVAL FROM THE PROJECT AREA PRIOR TO CONSTRUCTION.
5. ALL STREET TREES SHALL BE PLACED A MINIMUM OF 5 FT FROM BACK OF CURB.
6. WITHIN SITE VISIBILITY TRIANGLES, UNOBSTRUCTED SIGHT LINES AND CROSS VISIBILITY SHALL BE MAINTAINED BETWEEN A HEIGHT OF 2 FT. AND 8.5 FT. NO STRUCTURE, OBJECT, AND/OR VEGETATION SHALL BE PLACED AND/OR MAINTAINED IN A MANNER WHICH MATERIALLY IMPEDES THE VISIBILITY FROM A STREET, ALLEY, OR DRIVEWAY OF LAWFULLY ONCOMING TRAFFIC FROM ANY DIRECTION IN THE INTERSECTING PUBLIC STREET.

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SHEET CONTENTS
LANDSCAPING PLAN

SHEET NO.
LS-201

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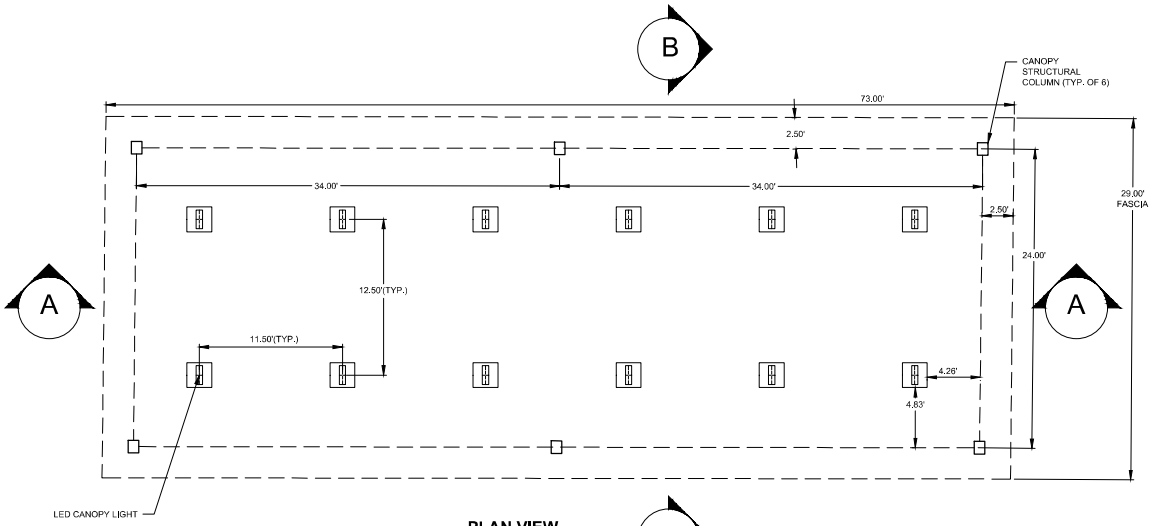
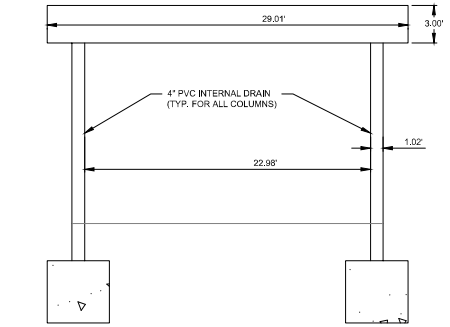


PLAN VIEW



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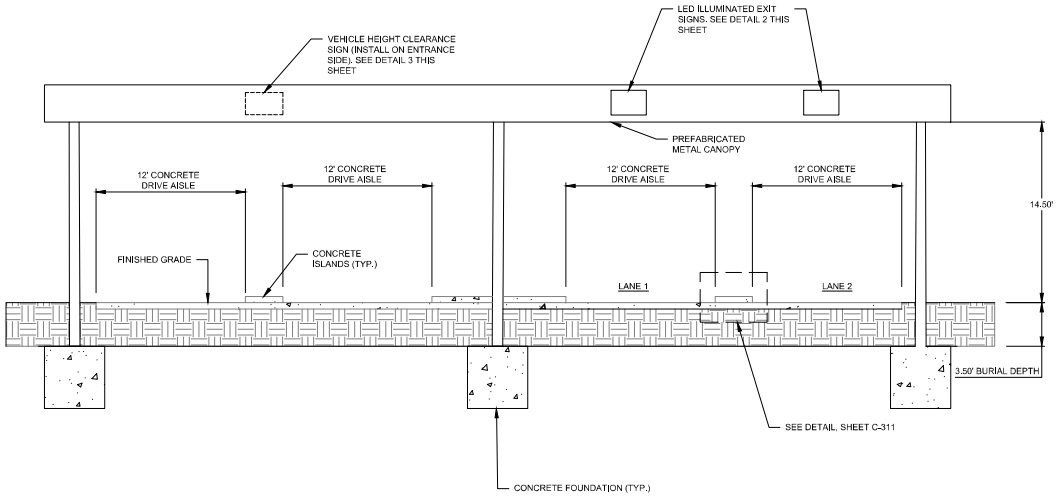

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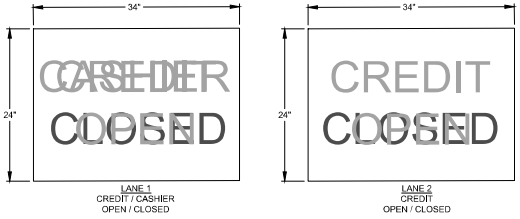

2 LED ILLUMINATED EXIT SIGNS

NOT TO SCALE

NOTES:

1. LANE 1 MESSAGE SIGN SHALL BE SIGNAL-TECH OUTDOOR BLANK-OUT LED DIRECT-VIEW SIGN MODEL TCL2434GGGR-Q773DS/120-277VAC (PRODUCT ID 64905) OR APPROVED EQUAL.
2. LANE 2 MESSAGE SIGN SHALL BE SIGNAL-TECH OUTDOOR BLANK-OUT LED DIRECT-VIEW SIGN MODEL TCL2434GGGR-Q781DS/120-277VAC (PRODUCT ID 64921) OR APPROVED EQUAL.
3. VARIABLE MESSAGE CONTROLS SHALL BE COORDINATED WITH PARKING VENDOR. CONTROL WIRING SHALL BE RUN FROM SIGN TO FIBEROPTIC CONTROL PANEL IN ATTENDANT BOOTH. SIGN TO BE FASTENED TO CANOPY PER MANUFACTURER'S RECOMMENDATION.
4. COST OF THESE SIGNS AND WIRING TO BE INCLUDED IN THE COST OF THE CANOPY.

CLEARANCE 14' 6"

3 VEHICLE HEIGHT CLEARANCE SIGN

NOT TO SCALE

NOTE:
SIGN SHALL BE A STANDARD 12"X36" METAL SIGN PANEL (BLUE BACKGROUND WITH WHITE LETTERING AND BORDER) FASTENED TO FRONT OF CANOPY (ENTRANCE SIDE ONLY). INSTALLATION SHALL BE COORDIANTED WITH THE CANOPY MANUFACTURER.

NOTES:

1. ENTRANCE/EXIT CANOPY SHALL BE DESIGNED BY THE CONTRACTOR AND MEET THE OVERALL HEIGHT, LENGTH, WIDTH, AND COLUMN SPACING AS SHOWN ON THE PLAN. OTHER EXACT DIMENSIONS SHALL BE PROVIDED BY THE CANOPY FABRICATOR AND REVIEWED IN THE SHOP DRAWING PROCESS.
2. CANOPY SHALL MEET THE REQUIREMENTS OF SPECIFICATION 10 73 16 METAL CANOPIES.
3. ALL COSTS ASSOCIATED WITH THE NEW ENTRANCE CANOPY AND ASSOCIATED WORK ON THIS SHEET SHALL BE INCLUDED UNDER PAY ITEM 107316-1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND PERMITTING OF THIS STRUCTURE.

1 ENTRY/EXIT PLAZA ATTENDANT CANOPY DETAILS

NOT TO SCALE

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SHEET CONTENTS
ENTRY - EXIT PLAZA CANOPY DETAILS

SHEET NO.
EP-101

X:\4625000\221000.01\TECH\CAD\DRAWINGS\SHEETS\EP-104 ENTRY - EXIT PLAZA ATTENDANT BOOTH DETAILS (3).DWG
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GENERAL NOTES:

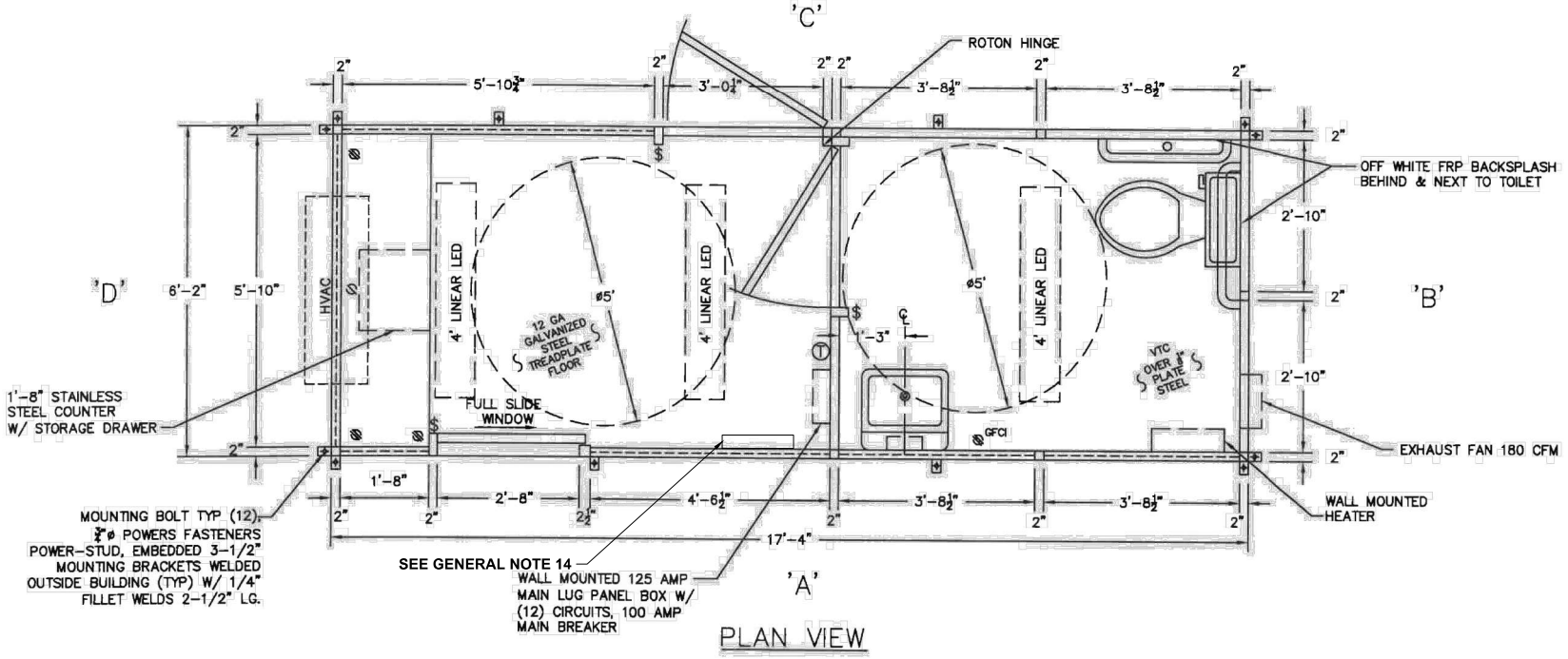
1. WALL MOUNTED HVAC UNIT- GE ZONELINE PTAC #AZ41E014D 230V, 14,000 BTU, 11.2 EER; RAG 60 PROGRAMMABLE THERMOSTAT
2. WALL MOUNTED 125 AMP MAIN LUG PANEL BOX W/ 12 CIRCUITS; 100 AMP MAIN BREAKER
3. 14 GA. GALVANNEALED STEEL EXTERIOR PANEL; 18 GA. GALVANNEALED STEEL INTERIOR PANEL
4. ENTIRE BUILDING TO BE PAINTED (1) COLOR
5. RIGID R10.5 INSULATION IN WALLS; R10.5 INSULATION IN CEILING
6. THREE (3) 4' LINEAR LED LIGHTING FIXTURE W/ ACRYLIC LENS WITH (2) TOGGLE SWITCHES
7. 1' - 8" STAINLESS STEEL COUNTER W/ (2) 2" HOLES & (1) STORAGE DRAWER BELOW
8. SOLARBAN TINTED LAMINATED GLAZING
9. 12 GA. GALVANNIZED STEEL TREADPLATE FLOOR IN OFFICE ROOM; VCT TILE OVER $\frac{1}{4}$" PLATE STEEL
10. MC SHIELDED CABLE # 12-2/3 IMBEDDED INSIDE PANELS; (2) QUAD 120V OUTLETS & (3) JB'S FOR PHONE, DATA & COMMUNICATIONS
11. (1) HEAVY DUTY 3'-0" X 6'-8" X 1$\frac{3}{4}$" INSULATED STEEL SWING DOOR WITH ROTON HINGE, HYDRAULIC CLOSER VISION PANEL AND LEVER PASAGE LOCK SYSTEM
12. 4" OVERHANG EXTERIOR STANDING SEAM FLAT DECK PANS & GC TO INSTALL PARTIAL OVERHANG FASCIA ON SITE
13. PRE - PLUMBED RESTROOM - ADA TYPE:
    - 13.1. PARTITION W/ HEAVY DUTY STEEL SWING DOOR, ROTON HINGE & LOCKSET
    - 13.2. ALL EQUIPMENT & FIXTURES HUNG & PIPED EXCEPT TOILET; GC TO SET
    - 13.3. SEE RISER SCHEDULE
14. FIBEROPTIC CABINET SHALL NOT BE INCLUDED AS PART OF THE GUARD BOOTH ENCLOSURE PACKAGE. EXACT LOCATION AND SIZE OF CABINET SHALL BE COORDINATED WITH THE PARKING AND SECURITY VENDORS. COST OF FIBEROPTIC CABINET SHALLBE INCLUDED UNDER PAY ITEM 9990000-3.
15. ADDITIONAL OUTLETS SHALL BE INSTALLED TO ACCOMMODATE COMMUNICATIONS ENCLOSURE EQUIPMENT. SEE ELECTRICAL AND LIGHTING NOTE SHEET EP-103

STEEL NOTES:

1. DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST SPECIFICATIONS.
2. STRUCTURAL MATERIALS :
   - 2.1. STRUCTURAL ANGLES - ASTM A36 (Fy = 36 KSI)
   - 2.2. HOLLOW STRUCTURAL SECTIONS (TUBE) - ASTM GRADE A500 B (Fy = 46 KSI)
   - 2.3. PLATE STEEL - ASTM A514 GRADE B (T-1 TYPE A) (Fy = 100 KSI)
   - 2.4. GALVANNIZED SHEETING - ASTM GRADE A653
   - 2.5. TREADPLATE FLOOR DECKING - ASTM GRADE A653-924
3. WELDING OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH LATEST ANSI/AWS D1.1

ELECTRODES:

E 100 S-1-HIGH STRENGTH PLATE TO TUBE
E 70XX-STRUCTURAL TUBE TO STRUCTURAL TUBE



PLAN VIEW

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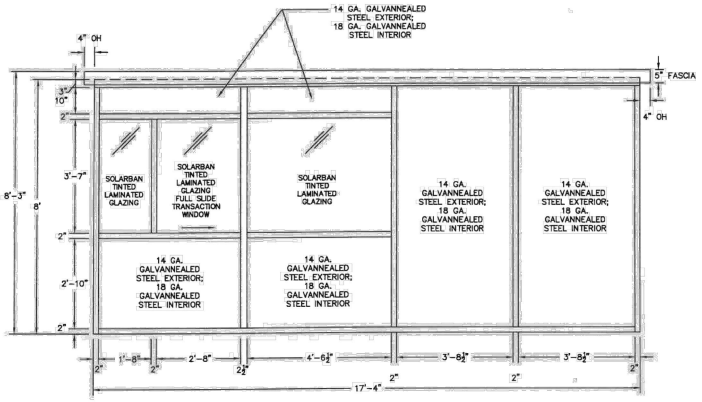
SHEET CONTENTS
ENTRY - EXIT PLAZA
ATTENDANT BOOTH
DETAILS - SHEET 1

SHEET NO.
EP-102



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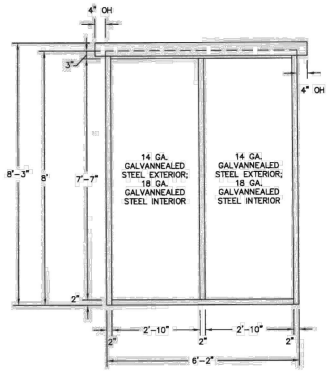

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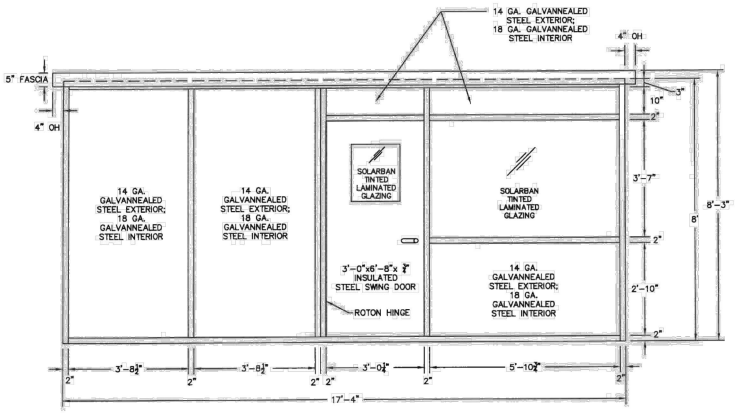

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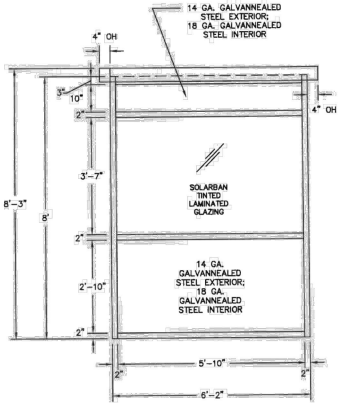

ARCHITECTURAL ELEVATION D

STEEL GUARD BOOTH NOTES

GENERAL:
PREFABRICATED BUILDING OF STEEL CONSTRUCTION SHALL BE 6'- 2" WIDE BY 17'- 4" LONG WITH OVERALL HEIGHT OF 88" (INTERIOR USE OR 91" INCLUDING EXTERIOR ROOF (OUTSIDE USE). PROVIDED DRAWINGS BASED UPON DESIGN USED BY SHELTERS DIRECT- 8580 LAUREDLDALE DR. LAUREL MD 207240PH 800-865-5555

FRAME CONSTRUCTION:
SHALL BE WELDED STRUCTURAL STEEL CONSTRUCTION. STRUCTURAL COMPONENTS TO BE WELDED TOGETHER AT ALL INTERSECTIONS CREATING A UNITIZED FRAMEWORK. STRUCTURAL CORNERS AND UPRIGHTS TO BE CONSTRUCTED OF 2" X 2" (MINIMUM) COLD DRAWN MECHANICAL TUBING.

BASE:
BUILDING TO BE CONSTRUCTED ON A 2" MECHANICAL STEEL TUBE FRAME WITH RUST INHIBITIVE BITUMINOUS COATING.

FLOOR:
FLOOR ASSEMBLY TO BE COMPRISED OF 12 GA GALVANIZED STEEL TREAD PLATE. FLOOR PANEL ASSEMBLY SHALL FIT TIGHTLY AGAINST WALL PANELS AND SHALL BE FASTENED TO BOTTOM STRUCTURAL FRAME.

WALL PANELS:
EXTERIOR SHALL BE 14 GA COLD ROLLED GALVANNEALED STEEL PANELS. INTERIOR SHALL BE 18 GA COLD ROLLED GALVANNEALED STEEL PANELS. 1" RIGID INSULATION BOARD SHALL BE R-10.5 (MINIMUM). OVERALL THICKNESS OF ENTIRE WALL SECTION SHALL BE 2

COUNTER:
ONE 21" DEEP FULL WIDTH (X FT.) PLASTIC LAMINATE COUNTER, A MINIMUM OF 32" FROM FINISHED FLOOR.

CEILING:
INTERIOR CEILING SHALL BE R-10.5 INSULATED CORE PANEL SYSTEM PROVIDING SMOOTH FLAT INTERIOR, CONSTRUCTED FROM 20 GA GALVANNEALED STEEL.

ROOF:
CONSTRUCTED USING ALUMINUM INTERLOCKING PAN SECTIONS. SECTIONS ARE ABLE TO SUPPORT MINIMUM OF 40 PSF LIVE LOAD. ROOF DRAINS INTO FULL PERIMETER 5" HIGH EXTRUDED ALUMINUM FASCIA/GUTTER SYSTEM. STANDARD FULL PERIMETER ROOF OVERHANG IS 4".

GLAZING/WINDOWS:
FIXED WINDOWS SHALL BE SINGLE PANE 1/8" CLEAR TEMPERED GLASS. GLASS SHALL BE FRAMED TO BUILDING USING STEEL/ALUMINUM FRAMING SYSTEM WITH NO EXTERIOR EXPOSED FASTENERS.

DOORS:
ONE (1) SLIDING ALUMINUM DOOR SUSPENDED FROM CEILING WITH TOP-MOUNTED HANGERS, HEAVY STEEL AXLES, ALL STEEL BALL BEARINGS WITH NYLON WHEELS. MOUNTING SYSTEM TO BE COMPRISED OF HEAVY DUTY ALUMINUM BOX TRACK AND BRACKETS. DOORS ARE TO BE FULLY WEATHER-STRIPPED AND SUPPLIED WITH ADAM'S RITE LOCK SYSTEM.

ELECTRICAL & LIGHTING:
ELECTRICAL SHALL BE WIRED ACCORDING TO N.E.C. STANDARDS. LOAD CENTER SHALL BE A 125 AMP MAIN LUG, SINGLE PHASE, 120/240 VOLT UNIT WITH 8 OPEN CIRCUITS. WIRING SHALL BE INSIDE WALL PANELS. FOUR (4) SURFACE MOUNTED DUPLEX RECEPTACLES SHALL BE LOCATED WITHIN BUILDING INTERIOR. THE LOCATION OF THESE OUTLETS SHALL BE COORDINATED WITH PARKING VENDOR TO ACCOMMODATE NECESSARY EQUIPMENT. ONE ADDITIONAL GFCI OUTLET SHALL BE LOCATED IN THE RESTROOM.

LIGHTING:
LIGHTING SHALL BE A SURFACE MOUNTED DUAL BULB FLUORESCENT LIGHTING WITH WALL SWITCH.

FINISH/PAINTING:
FINISH: ALL STEEL SURFACES SHALL BE PAINTED WITH RUST INHIBITIVE ACID BASED PRIMER. ALL EXPOSED INTERIOR AND EXTERIOR STEEL SURFACES PAINTED WITH MINIMUM ONE (1) UNDERCOAT AND ONE (1) FINISH COAT OF AUTOMOTIVE ACRYLIC ENAMEL PAINT WITH A PHOTOCHEMICALLY REACTIVE HARDENER. FINISH IS TO BE AIR DRIED, CHOICE OF ONE (1) PAINT COLOR AS SELECTED BY OWNER.

GENERAL:
ALL COST ASSOCIATED WITH THE NEW TOLL BOOTH AND ASSOCIATED WORK ON EP-102 THROUGH EP-104 SHALL BE INCLUDED UNDER PAY ITEM 107343-2 (UNLESS OTHERWISE NOTED). THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND PERMITTING OF THIS STRUCTURE.

1 ENTRY/EXIT PLAZA ATTENDANT BOOTH DETAILS

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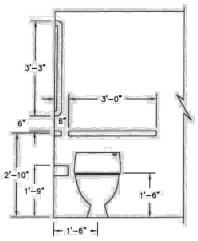
SHEET CONTENTS
ENTRY - EXIT PLAZA ATTENDANT BOOTH DETAILS - SHEET 2

SHEET NO.
EP-103



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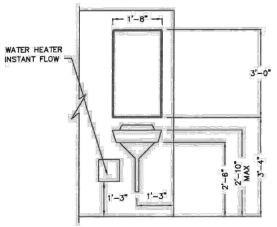

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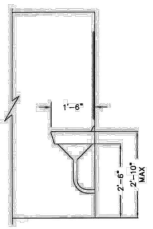

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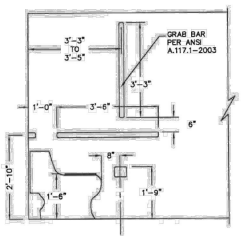

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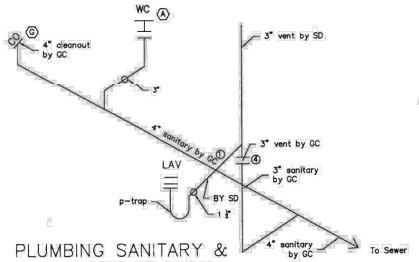
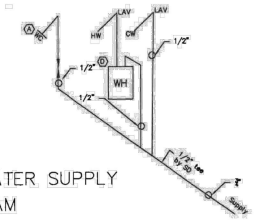


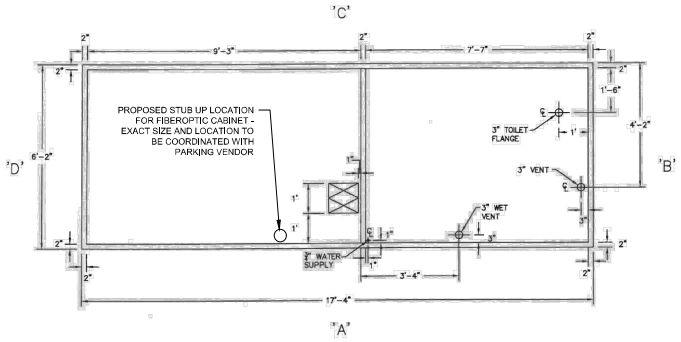
PLUMBING SANITARY &
VENT RISER DIAGRAM



PLUMBING WATER SUPPLY
RISER DIAGRAM

1 ENTRY/EXIT PLAZA ATTENDANT RESTROOM DETAILS

NOT TO SCALE



2 ELECTRICAL CONDUIT AND PLUMBING STUB - UP LOCATIONS

NOT TO SCALE

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ST. PETE CLEARWATER
INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

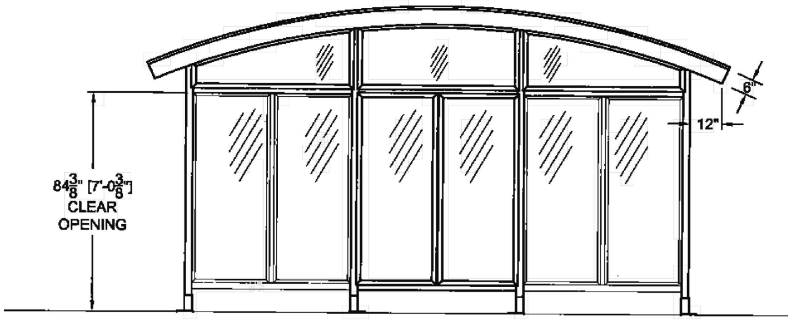
ISSUED
BID DOCUMENTS

M&H NO.:	4625000-221000.01
DATE:	OCTOBER 27, 2023
DESIGNED BY:	RAD
DRAWN BY:	ACC
CHECKED BY:	DES

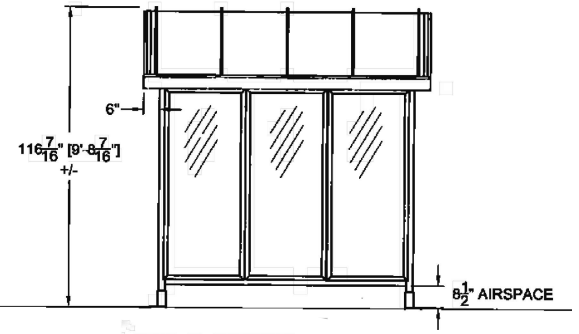
DO NOT SCALE DRAWINGS

SHEET CONTENTS
ENTRY - EXIT PLAZA
ATTENDANT BOOTH
DETAILS - SHEET 3

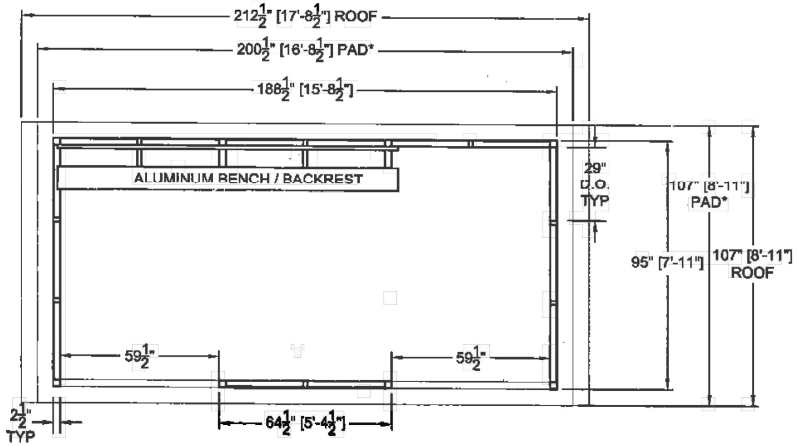
SHEET NO.
EP-104



FRONT ELEVATION



SIDE ELEVATION



PLAN VIEW

NOTES

1. THIS SHELTER DETAIL IS FOR THE PURPOSE OF BIDDING AND NOT FOR CONSTRUCTION. THE CONTRACTOR IS TO PROVIDE FINAL CONSTRUCTION DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA CERTIFYING THE DESIGN MEETS APPLICABLE WIND LOAD CODES AND REQUIREMENTS AND IS RESPONSIBLE FOR OBTAINING ALL REQUIRED BUILDING PERMITS.
2. FINISH IS CLEAR ANODIZED (COLOR TBD)
3. ROOF IS REVERSE BARREL-VAULT WITH WHITE 8MM BATTEN P.C.S.S. GLAZING
4. WALL GLAZING IS ¼" CLEAR TEMPERED GLASS
5. PARTIAL LENGTH ALUMINUM BACKREST
6. SHELTER SHALL BE DUO-GUARD 9' X 17' REVERSE BARREL VAULT ROOF TRANSIT STYLE SHELTER WITH CENTERED FRONT WALL OR APPROVED EQUAL. SEE SPECIFICATION SECTION 10 73 43 TRANSPORTATION STOP SHELTERS FOR ADDITIONAL INFORMATION.
7. ALL COSTS ASSOCIATED WITH THE BUS SHELTER AND ASSOCIATED WORK ON SHEETS BS-101 AND BS-102 SHALL BE INCLUDED UNDER PAY ITEM 107343-1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND PERMITTING OF THIS STRUCTURE.

1 **BUS SHELTER DETAIL**
NOT TO SCALE

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SHEET CONTENTS
BUS SHELTER DETAIL - SHEET 1

SHEET NO.
BS-101

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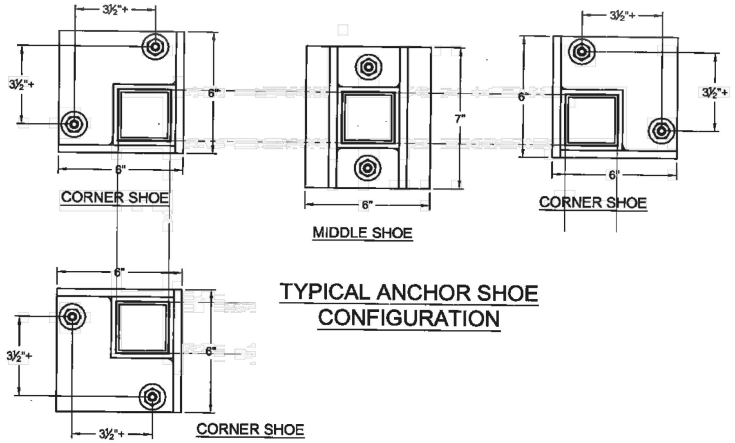
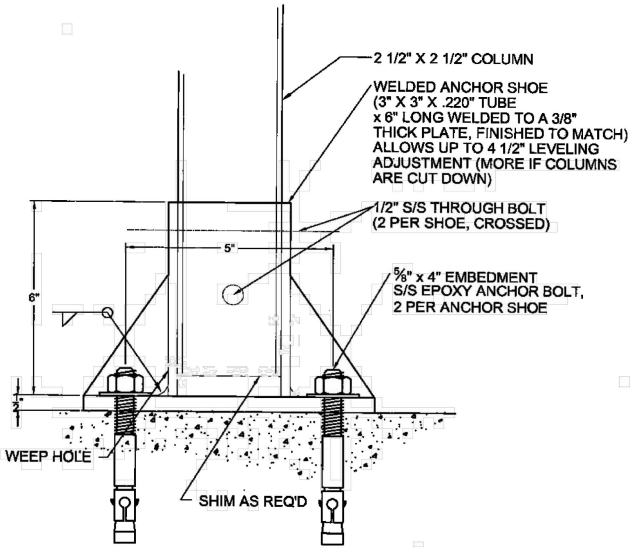
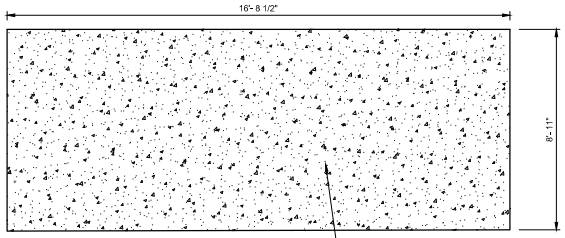


TYPICAL ANCHOR SHOE CONFIGURATION



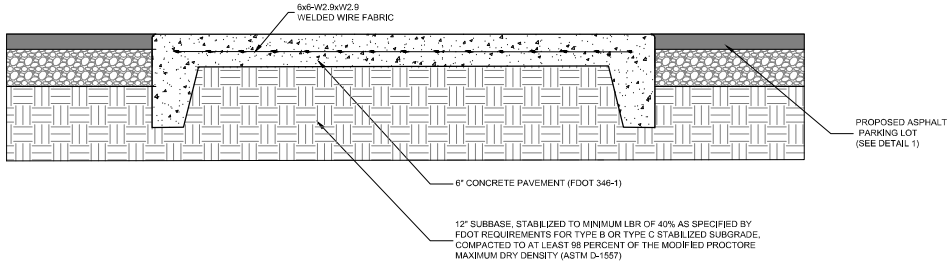
ANCHOR SHOE DETAIL

2 **BUS SHELTER ANCHOR DETAILS**
NOT TO SCALE



PLAN

PROPOSED CONCRETE BUS SHELTER PAD. PAD SIZE AND THICKNESS TO BE VERIFIED WITH SHELTER MANUFACTURER.



SECTION

3 **BUS SHELTER CONCRETE PAD**
NOT TO SCALE

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SHEET CONTENTS
BUS SHELTER DETAIL - SHEET 2

SHEET NO.
BS-102

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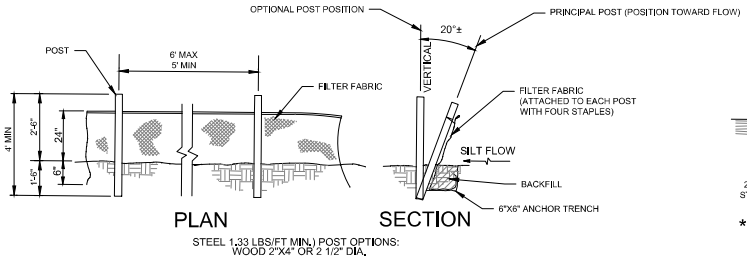

1 **SILT FENCE**
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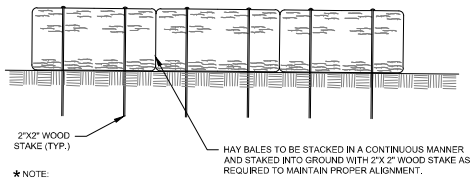
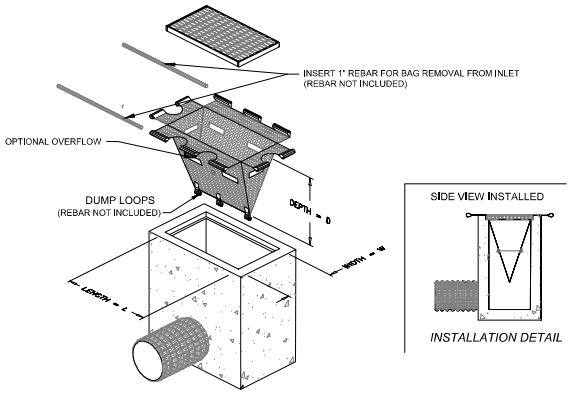


2 **HAY BALE SEDIMENT BARRIER DETAIL**
NOT TO SCALE



3 **INLET PROTECTION DETAIL**
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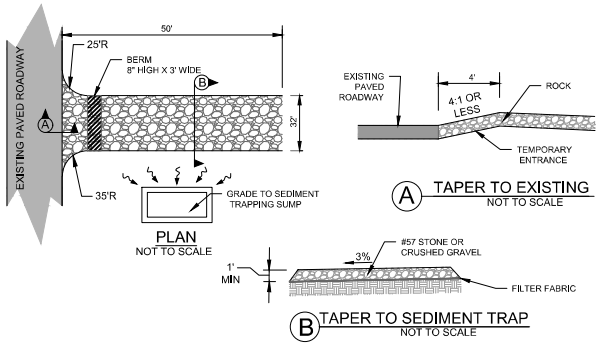

4 **CONSTRUCTION ENTRANCE DETAIL**
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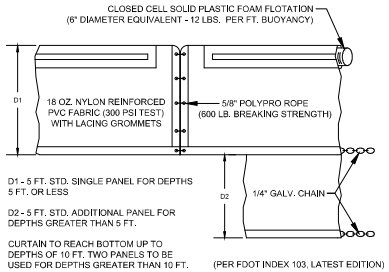

5 **FLOATING TURBIDITY BARRIER DETAIL**
NOT TO SCALE

EROSION/TURBIDITY CONTROL NOTES

1. THE INSTALLATION OF TEMPORARY EROSION CONTROL BARRIERS SHALL BE COORDINATED WITH THE CONSTRUCTION OF THE PERMANENT EROSION CONTROL FEATURES TO THE EXTENT NECESSARY TO ASSURE ECONOMICAL, EFFECTIVE AND CONTINUOUS CONTROL OF EROSION AND WATER POLLUTION THROUGHOUT THE LIFE OF THE CONSTRUCTION PHASE.
2. THE TYPE OF EROSION CONTROL BARRIERS USED SHALL BE GOVERNED BY THE NATURE OF THE CONSTRUCTION OPERATION AND SOIL TYPE THAT WILL BE EXPOSED. SILTY AND CLAYEY MATERIAL USUALLY REQUIRE SOLID SEDIMENT BARRIERS TO PREVENT TURBID WATER DISCHARGE, WHILE SANDY MATERIAL MAY NEED ONLY SILT SCREENS OR HAY BALES TO PREVENT EROSION. FLOATING TURBIDITY CURTAINS SHALL BE USED IN OPEN WATER SITUATIONS. DIVERSION DITCHES OR SWALES MAY BE REQUIRED TO PREVENT TURBID STORMWATER RUNOFF FROM BEING DISCHARGED TO WETLANDS OR OTHER WATER BODIES. IT MAY BE NECESSARY TO EMPLOY A COMBINATION OF BARRIERS, DITCHES AND OTHER EROSION/TURBIDITY CONTROL MEASURES IF CONDITIONS WARRANT.
3. CONSTRUCTION OPERATIONS IN OR ADJACENT TO WETLANDS SHALL BE RESTRICTED TO THOSE AREAS IDENTIFIED IN THE PLANS AND IN THE SPECIFICATIONS.
4. EXCEPT AS NECESSARY FOR CONSTRUCTION, EXCAVATED MATERIAL SHALL NOT BE DEPOSITED IN THE WETLANDS OR IN A POSITION CLOSE ENOUGH THERETO TO BE WASHED AWAY BY HIGH WATER OR RUNOFF.
5. WHERE PUMPS ARE TO BE USED TO REMOVE TURBID WATERS FROM CONSTRUCTION AREAS, THE WATER SHALL BE TREATED PRIOR TO DISCHARGE TO THE WETLANDS. TREATMENT METHODS INCLUDE AND ARE NOT LIMITED TO, TURBID WATER BEING PUMPED INTO GRASSED SWALES OR APPROPRIATE VEGETATED AREAS, SEDIMENT BASINS, OR CONFINED BY AN APPROPRIATE ENCLOSURE SUCH AS TURBIDITY BARRIERS, AND KEPT CONFINED UNTIL ITS TURBIDITY LEVEL MEETS STATE WATER QUALITY STANDARDS.
6. THE CONTRACTOR SHALL SCHEDULE HIS OPERATIONS SUCH THAT THE AREA OF UNPROTECTED ERODIBLE EARTH EXPOSED AT ANY ONE TIME IS NOT LARGER THAN THE MINIMUM AREA NECESSARY FOR EFFICIENT CONSTRUCTION OPERATIONS, AND THE DURATION OF EXPOSED, UNCOMPLETED CONSTRUCTION TO THE ELEMENTS SHALL BE AS SHORT AS PRACTICABLE. CLEARING AND GRUBBING SHALL BE SO SCHEDULED AND PERFORMED THAT GRADING OPERATIONS CAN FOLLOW IMMEDIATELY THEREAFTER, AND GRADING OPERATIONS SHALL BE SCHEDULED AND PERFORMED THAT PERMANENT EROSION CONTROL FEATURES CAN FOLLOW IMMEDIATELY THEREAFTER IF CONDITIONS ON THE PROJECT PERMIT.
7. THE CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY EROSION CONTROL FEATURES UNTIL THE PROJECT IS COMPLETE AND ALL ALTERED SOILS ARE STABILIZED.
8. NPDES NOTIFICATION (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM): CONTRACTOR SHALL PREPARE A SWPPP AND OBTAIN NPDES PERMIT FOR CONSTRUCTION ACTIVITIES PRIOR TO ANY LAND DISTURBING ACTIVITIES. THE CONTRACTOR SHALL SUBMIT THE NOTICE OF TERMINATION FOLLOWING THE COMPLETION OF WORK.

ATTENTION: THE EROSION/SEDIMENTATION LOCATIONS AND DETAILS SET FORTH IN THIS SITE PLAN HAVE BEEN DEVISED BY THE PROJECT ENGINEER TO MEET THE REQUIREMENTS OF THE FEDERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PROGRAM. FAILURE TO MAINTAIN THESE CONTROLS, OR AN ILLICIT DISCHARGE RESULTING FROM THEIR FAILURE WILL LIKELY RESULT IN FINE CITATIONS. SEC. 58-239 OF THE PINELLAS COUNTY CODE AUTHORIZES PENALTIES OF UP TO $10,000.00 FOR EACH OFFENSE

NOTE TO CONTRACTOR: TREE BARRICADES AND EROSION CONTROL MEASURES

REQUIRED TREE BARRICADES AND EROSION CONTROL MEASURES MUST REMAIN INTACT THROUGHOUT CONSTRUCTION. ENCROACHMENT INTO OR FAILURE TO MAINTAIN THESE BARRICADES WILL RESULT IN ENFORCEMENT ACTION WHICH MAY INCLUDE CITATIONS AND/OR PERMIT REVOCATION AS PROVIDED BY CHAPTER 166 OF THE PINELLAS COUNTY LAND DEVELOPMENT CODE.

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Tampa, FL 33607
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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE) PAVE STRAWBERRY LOT

15295 FAIRCHILD DRIVE
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SHEET CONTENTS
EROSION CONTROL DETAILS & NOTES

SHEET NO.
C-301

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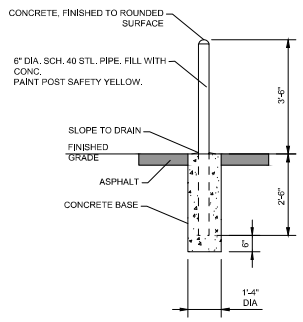
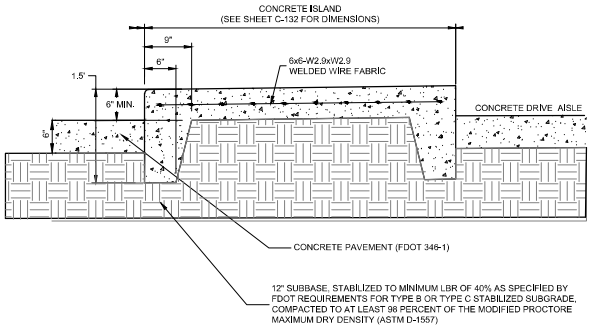
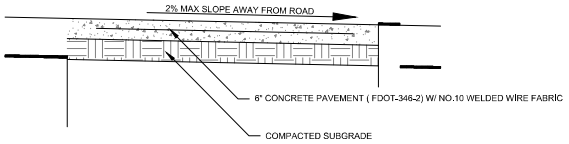


1 **6" PIPE BOLLARD / GUARD POST**
NOT TO SCALE



4 **ENTRY/EXIT PLAZA CONCRETE PAD AND ISLAND**
NOT TO SCALE



2 **TYPICAL SIDEWALK DETAIL**
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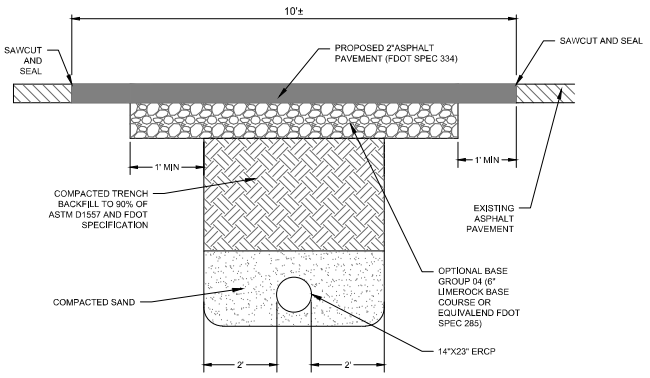
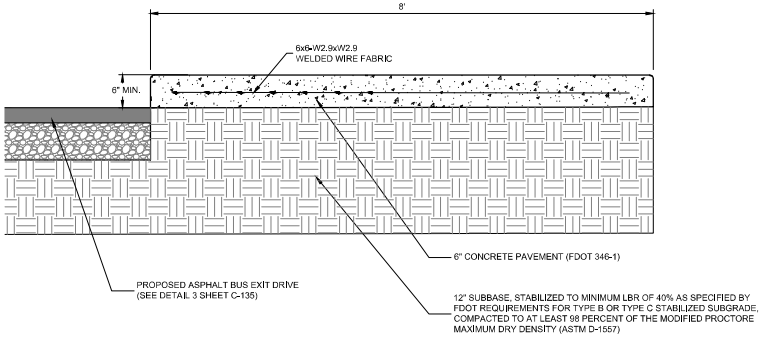


5 **TRENCH PAVEMENT REPAIR**
NOT TO SCALE

NOTE:
1. COST OF THIS DETAIL IS INCIDENTAL TO THE COST OF THE INSTALLATION OF NEW DRAINAGE PIPE



3 **BUS EXIT GATE ARM PAD**
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Tampa, FL 33607
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SHEET CONTENTS
SITE DETAILS

SHEET NO.
C-311

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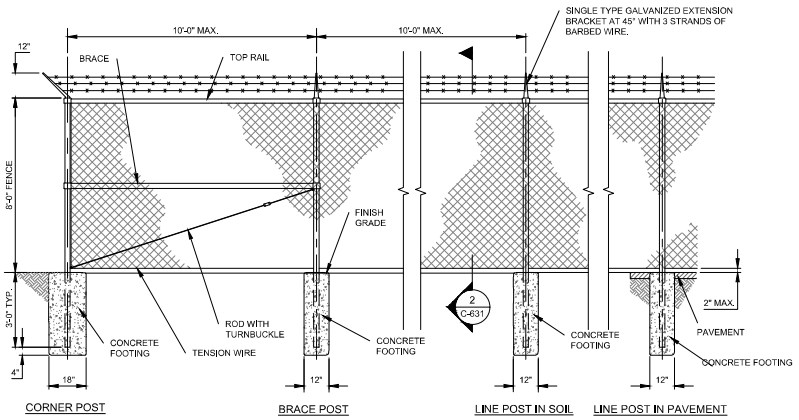
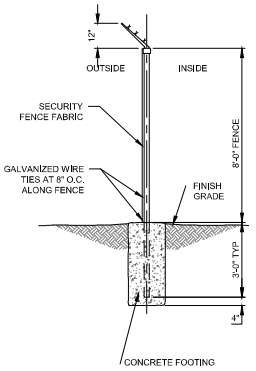


1 **FENCE TYPE 1 - 8' CHAIN LINK SECURITY FENCE DETAIL**
NOT TO SCALE

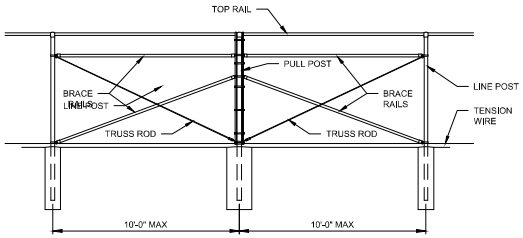


2 **CHAIN LINK FENCE SECTION**
NOT TO SCALE

STEEL POST SCHEDULE			
USE AND SECTION	MINIMUM OUTSIDE DIMENSIONS (NOMINAL)		
	FABRIC WIDTH 72" INCHES OR LESS	FABRIC WIDTH 84" TO 96"	FABRIC WIDTH 108" AND OVER
CORNER, END & PULL POSTS			
TUBULAR - ROUND	2.375" O.D.	2.875" O.D.	4.00" O.D.
TUBULAR - SQUARE	2.00" SQ.	2.50" SQ.	3.00" SQ.
C-SECTION (ROLL-FORMED)	3.50" x 3.50"	3.50" x 3.50"	———
LINE POSTS			
TUBULAR - ROUND	1.90" O.D.	2.375" O.D.	2.875" O.D.
H-SECTION	2.25" x 1.70"	2.25" x 1.70"	2.25" x 1.70"
C-SECTION (ROLL-FORMED)	1.875" x 1.625"	2.25" x 1.70"	———
TOP, BOTTOM & BRACE RAILS			
TUBULAR - ROUND		1.66" O.D.	
TUBULAR - SQUARE		1.50" SQ.	
H-SECTION		1.625" x 1.50"	
C-SECTION (ROLL-FORMED)		1.625" x 1.25"	

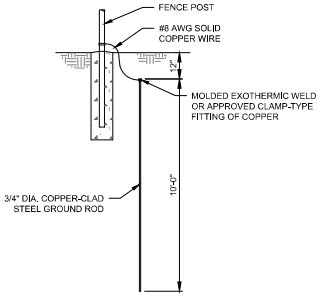
NOTES:

1. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT OTHER TYPES OF FENCE SECTIONS AND METHODS OF INSTALLATION THAT COMPLY WITH THE SPECIFICATIONS.
2. WIRE TIES, RAILS, POSTS, AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN-LINK FABRIC SHALL BE PLACED ON THE SIDE OPPOSITE THE SECURE AREA.
3. C-SECTION POSTS SHALL BE INSTALLED SO THAT THE VOID INSIDE THE POST IS COMPLETELY FILLED WITH CONCRETE UP TO THE TOP OF THE FOUNDATION.
4. FENCE CONCRETE FOOTINGS SHALL BE PER FDOT SPEC SECTION 347 - PORTLAND CEMENT CONCRETE - CLASS NS

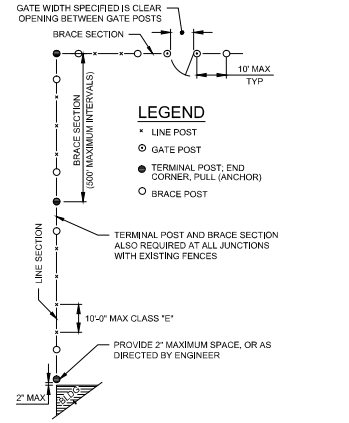


3 **BRACE PANEL DETAIL**
NOT TO SCALE

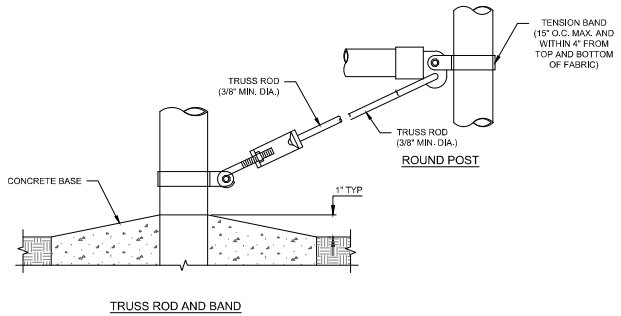
NOTE:
1. PROVIDE BRACE PANEL WHENEVER STRAIGHT RUNS EXCEED 500 FEET.



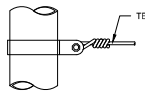
4 **GROUNDING DETAIL**
NOT TO SCALE



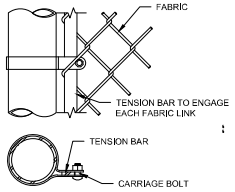
5 **TYPICAL FENCE LAYOUT**
NOT TO SCALE



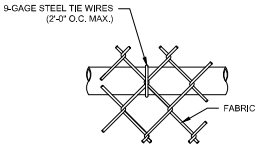
TRUSS ROD AND BAND



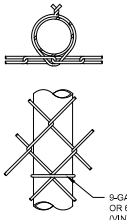
TENSION BAND DETAIL



END OR GATE POST DETAIL



TOP OR BRACE RAIL ATTACHMENT



LINE POST

6 **FASTENING DETAILS**
NOT TO SCALE

7 **ATTACHMENT DETAILS**
NOT TO SCALE

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ST. PETE CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

MAM NO.: 4625000-221000.01
DATE: OCTOBER 27, 2023
DESIGNED BY: RAD
DRAWN BY: ACC
CHECKED BY: DES
DO NOT SCALE DRAWINGS

SHEET CONTENTS
FENCING DETAILS - SHEET 1

SHEET NO.
C-321

X:\4625000\221000.01\TECHCAD\DRAWINGS\SHEETS\C-322 FENCE DETAILS (2).DWG
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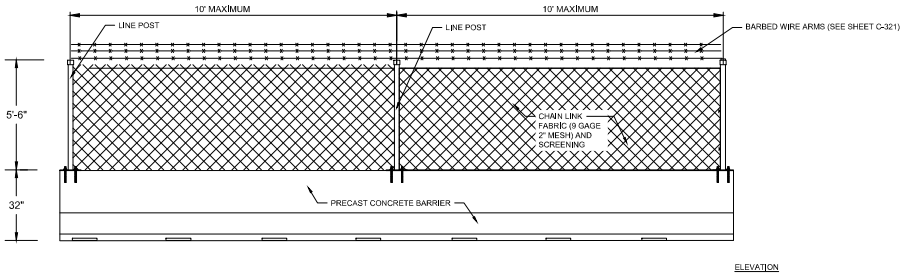
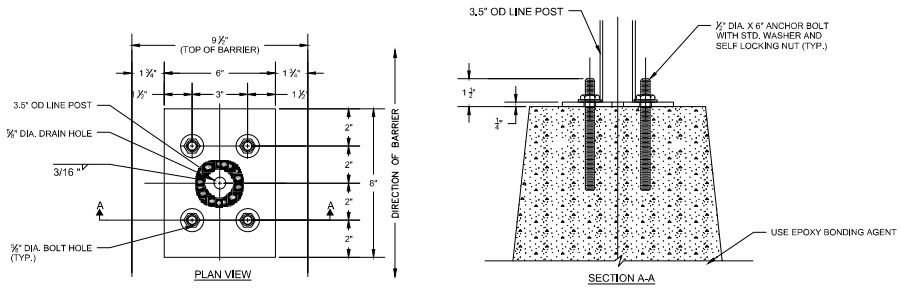
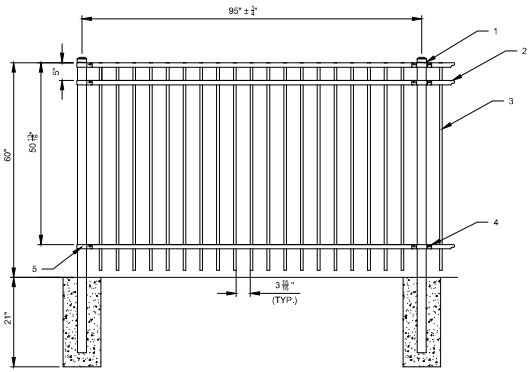


1 **FENCE TYPE 2 - BARICADE FENCE**
NOT TO SCALE



2 **ANCHOR PLATE DETAIL**
NOT TO SCALE



3 **FENCE TYPE 3 - 5' HIGH ORNAMENTAL FENCE**
NOT TO SCALE

NOTE:

ORNAMENTAL FENCE AND MANUAL PEDESTRIAN GATE SHALL BE PER THE REQUIREMENTS OF SPECIFICATION 323119 ALUMINUM ORNAMENTAL FENCE SYSTEM.

#	QTY.	DESCRIPTION
1	2	2 ½" SQ. POST
2	3	1 11/16" X 1 ¾" FORERUNNER RAIL
3	19	¾" SQ. PICKET
4	3	BRACKET ABX3
5	3	BRACKET ABX4

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PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
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SHEET CONTENTS
FENCING DETAILS - SHEET 2

SHEET NO.
C-322

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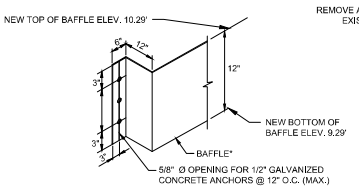
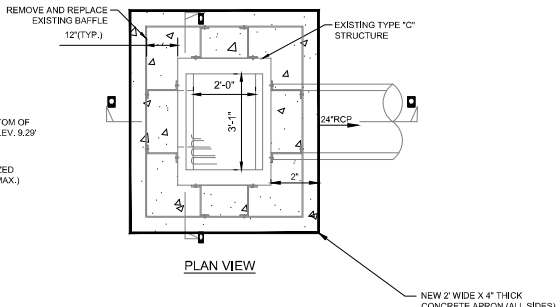
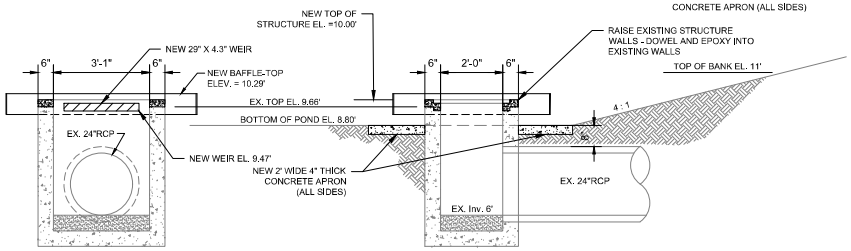


NEW BAFFLE DETAIL

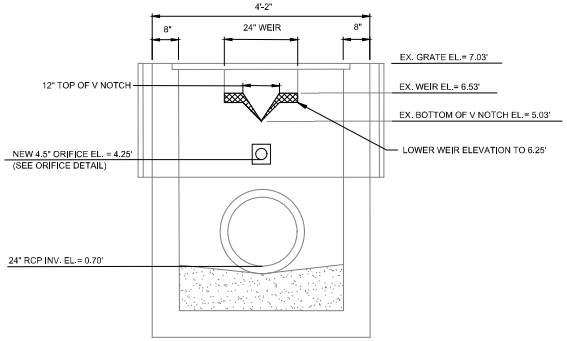


PLAN VIEW

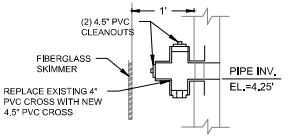


SECTION I-I SECTION J-J

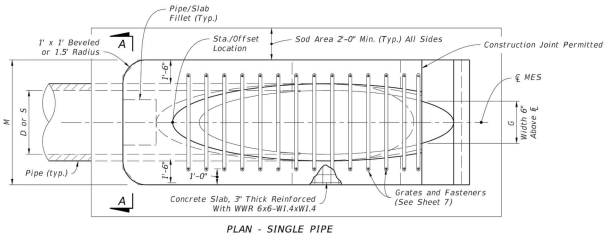
3 EXISTING CONTROL STRUCTURE MODIFICATION - FUTURE EMPLOYEE LOT
1" = 2'



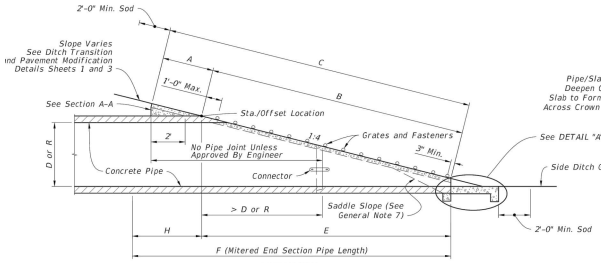
2 EXISTING DRAINAGE CONTROL STRUCTURE MODIFICATION DETAIL - STRAWBERRY LOT
NOT TO SCALE



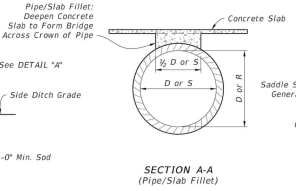
ORIFICE DETAIL



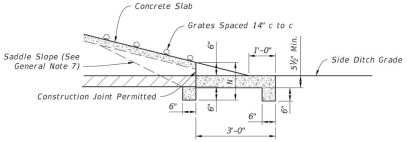
PLAN - SINGLE PIPE



ELEVATION



SECTION A-A
(Pipe/Slab Fillet)



DETAIL "A"

1 12" MITERED END SECTION
NOT TO SCALE

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PAVE STRAWBERRY LOT
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CLEARWATER, FL 33762

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SHEET CONTENTS
DRAINAGE DETAILS - SHEET 1

SHEET NO.
C-331

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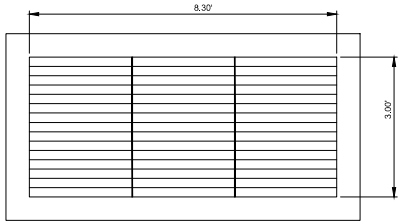
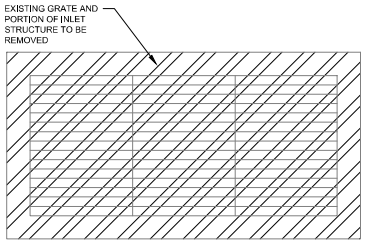


PLAN



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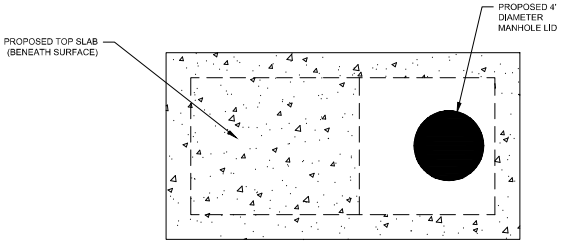
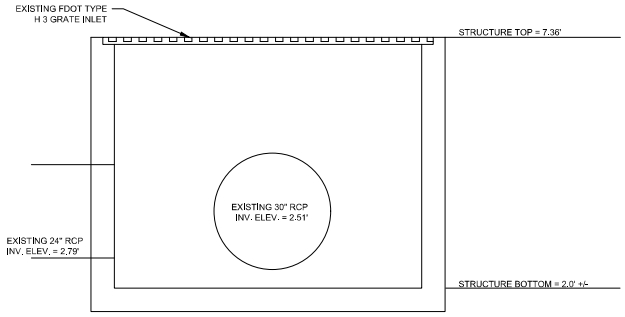


PLAN



SECTION

1 **EXISTING DRAINAGE INLET**
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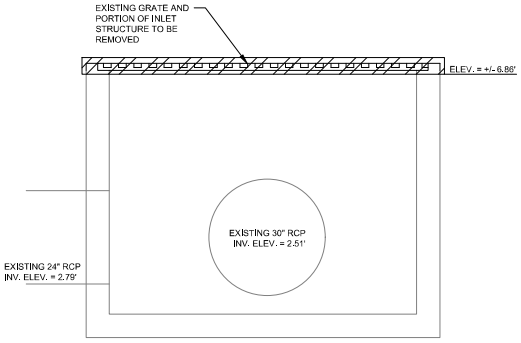

SECTION

2 **DEMOLITION OF EXISTING DRAINAGE INLET**
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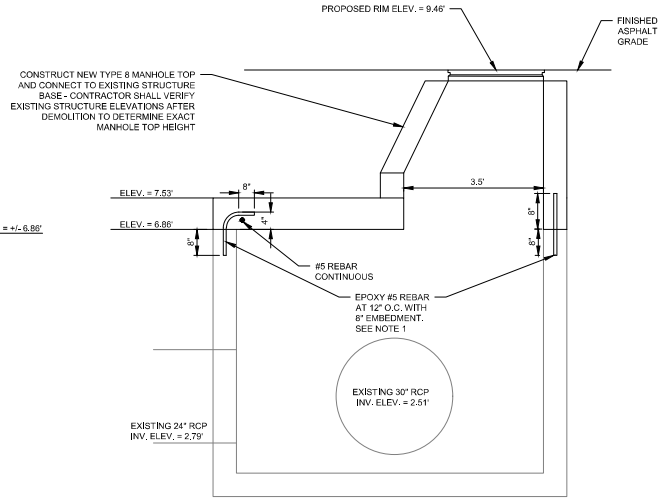

NOTES:
1. #5 REBAR TO BE DRILLED MIN. 8" INTO EXISTING MANHOLE. HOLE CLEANED WITH BAR EPOXIED INTO EXISTING STRUCTURE.

SECTION

3 **PROPOSED DRAINAGE MANHOLE**
NOT TO SCALE

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SHEET CONTENTS
DRAINAGE DETAILS - SHEET 2

SHEET NO.
C-332

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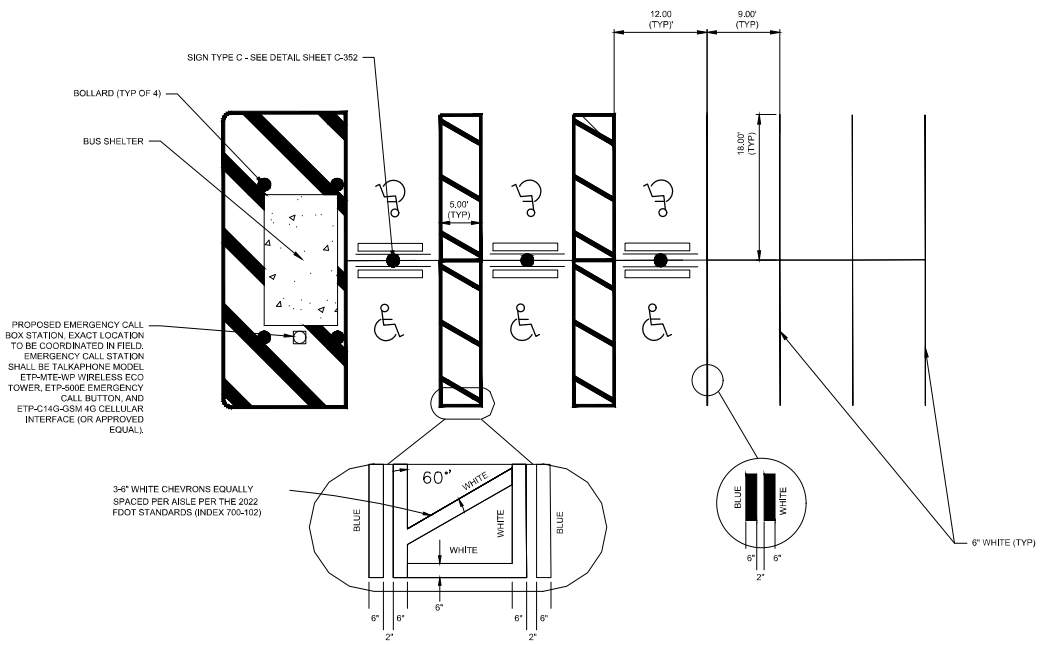

1 **HANDICAPPED PARKING SPACE MARKING DETAIL**
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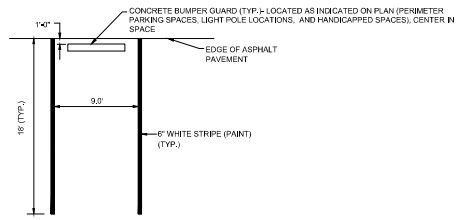

2 **PARKING STALL DETAIL**
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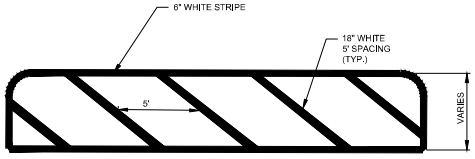

3 **TYPICAL PAVED ISLAND DETAL**
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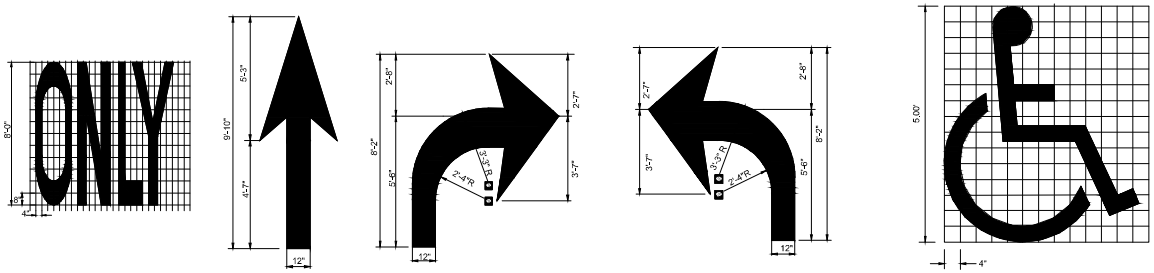

4 **PAVEMENT MARKING LETTERING DETAILS**
NOT TO SCALE

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SHEET CONTENTS
MARKING DETAILS

SHEET NO.
C-341

X:\4625000\221000.01\TECHCAD\DRAWINGS\SHEETS\C-341 MARKING DETAILS.DWG
10/16/2023 6:14:40 PM

A

R1-1
30"x30"

B

R7-1
12"x18"

C

FTP-21-06

FTP-22-06

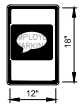
D

R5-1
30"x30"

E

R3-1
24"x24"

F



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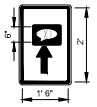

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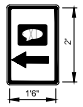

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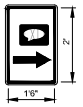
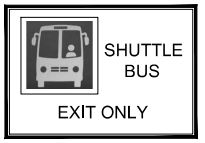


J1

J2



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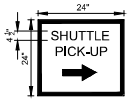

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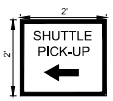

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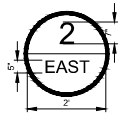
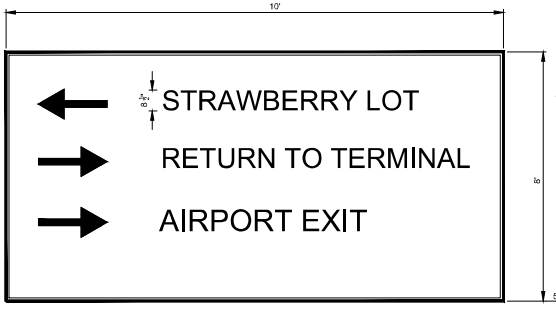


SIGNAGE NOTES:

1. INTERNAL SIGN FRAMING AND NOMENCLATURE TO BE SUBMITTED TO ENGINEER FOR REVIEW AND APPROVAL UPON AWARD OF CONTRACT DURING SHOP DRAWING PROCESS.
2. ALL SIGNS TO BE INSTALLED ON 3" DIAMETER ANODIZED ALLUMINUM PIPE. COST OF PIPE TO BE INCLUDED IN THE COST OF EACH SIGN WHERE NOTED IN PAY ITEMS. SEE DETAILS SHEET C-352.
3. SIGN TYPES A THROUGH E ARE STANDARD SIGNS. REFER TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD PLANS FOR ROAD CONSTRUCTION FOR COLOR AND SIZE.
4. SIGN TYPES F THROUGH Q ARE SPECIAL SIGNS THAT ARE CURRENTLY BEING UTILIZED AT THE PIE KEY LIME PARKING LOT AND OTHER AREAS OF THE AIRPORT. ALL SIGNS ARE BLUE BACKGROUND AND WHITE BORDER AND LETTERING UNLESS OTHERWISE NOTED. DIMENSIONS HAVE BEEN PROVIDED BUT CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING EXACT TEXT, SIZE, COLOR, STYLE, AND SPACING UPON AWARD OF CONTRACT AND SUBMITTED DURING SHOP DRAWING PROCESS.
5. ROW SIGN NUMBERS SHALL CORRESPOND WITH THE ROW NUMBERS SHOWN ON THE SIGNAGE PLAN.
6. SIGN HEIGHTS HALL BE AS DIRECTED PER MUTCD AND FDOT STANDARD RECOMMENDATIONS UNLESS OTHERWISE NOTED.

O

P



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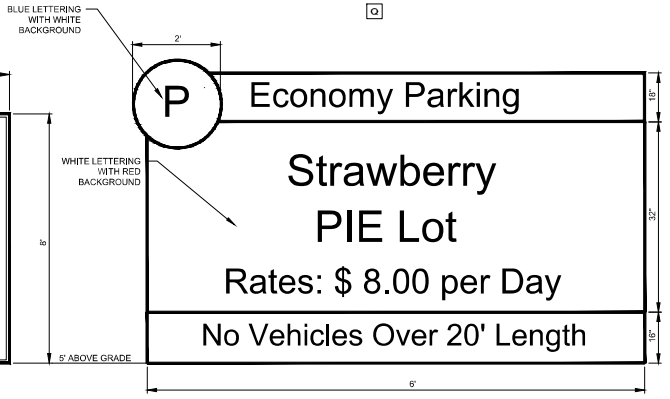

1 **SIGN LEGEND**
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Tampa, FL 33607
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TAMPA BAY THE EASY WAY

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ST. PETE CLEARWATER
INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

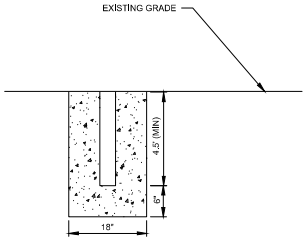
MAH NO.:	4625000-221000.01
DATE:	OCTOBER 27, 2023
DESIGNED BY:	RAD
DRAWN BY:	ACC
CHECKED BY:	DES

DO NOT SCALE DRAWINGS

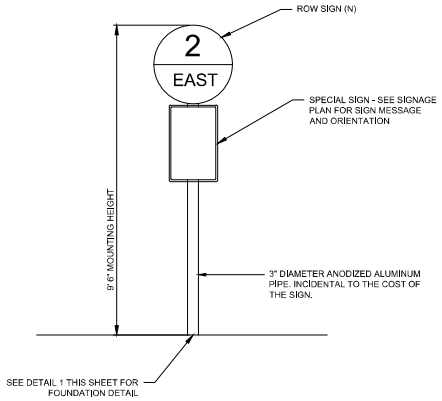
SHEET CONTENTS
SIGNAGE DETAILS - SHEET 1

SHEET NO.
C-351

X:\4625000\221000.01\TECHCAD\DRAWINGS\SHEETS\C-352 SIGNAGE DETAILS (2).DWG
10/16/2023 6:15:01 PM



1 **SIGN FOUNDATION DETAIL**
NOT TO SCALE



2 **TYPICAL ROW SIGN LAYOUT**
NOT TO SCALE

Mead & Hunt
Mead and Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

St. Pete-Clearwater International
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SHEET CONTENTS
SIGNAGE DETAILS - SHEET 2

SHEET NO.
C-352

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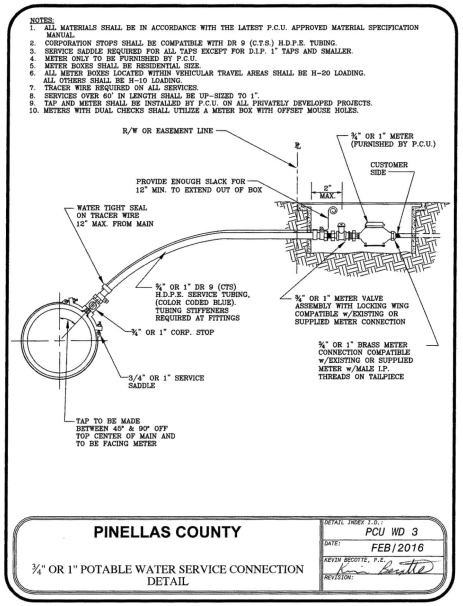
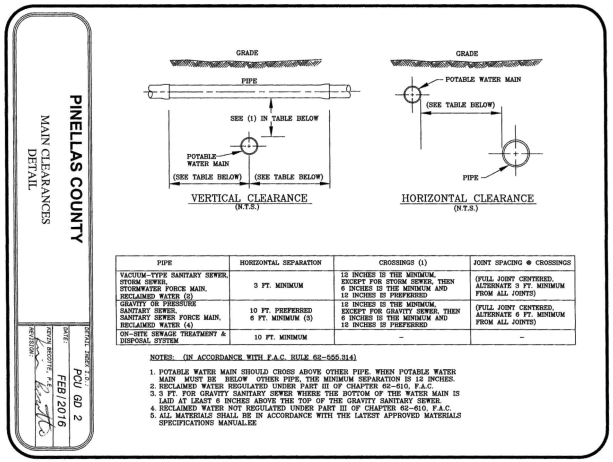


PINELLAS COUNTY

¾" OR 1" POTABLE WATER SERVICE CONNECTION DETAIL

DETAIL INDEX F.I.N.: PCU WD 3
DATE: FEB/2016
KEVIN BEGOTTE, P.E.
REVISION:



PIPE	HORIZONTAL SEPARATION	CROSSINGS (1)	JOINT SPACING @ CROSSINGS
VACUUM-TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN, RECLAIMED WATER (2)	3 FT. MINIMUM	12 INCHES IS THE MINIMUM, EXCEPT FOR STORM SEWER, THEN 6 INCHES IS THE MINIMUM AND 12 INCHES IS PREFERRED	(FULL JOINT CENTERED, ALTERNATE 3 FT. MINIMUM FROM ALL JOINTS)
GRAVITY OR PRESSURE SANITARY SEWER, SANITARY SEWER FORCE MAIN, RECLAIMED WATER (4)	10 FT. PREFERRED 6 FT. MINIMUM (3)	12 INCHES IS THE MINIMUM, EXCEPT FOR GRAVITY SEWER, THEN 6 INCHES IS THE MINIMUM AND 12 INCHES IS PREFERRED	(FULL JOINT CENTERED, ALTERNATE 6 FT. MINIMUM FROM ALL JOINTS)
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	10 FT. MINIMUM	–	–

NOTES: (IN ACCORDANCE WITH F.A.C. RULE 62-555.314)

1. POTABLE WATER MAIN SHOULD CROSS ABOVE OTHER PIPE. WHEN POTABLE WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.
2. RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
3. 3 FT. FOR GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.
4. RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
5. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED MATERIALS SPECIFICATIONS MANUAL.EE

GENERAL SANITARY SEWER NOTES

1. MANHOLES SHALL BE INSPECTED BY THE CITY AFTER THE COMPLETION OF ALL BASE WORK, AND PRIOR TO SURFACE TREATMENT.
2. ALL OPENINGS IN PRE-CAST MANHOLES SHALL BE CAST AT TIME OF MANUFACTURE. CONNECTIONS TO EXISTING MANHOLES SHALL BE CORE ENTRY ONLY, WITH RUBBER BOOT WITH STAINLESS STEEL STRAPS FOR CONNECTION TO MANHOLE. THEN STRONG SEAL COATED AFTER CONNECTION IS APPROVED.
3. ALL MANHOLES SHALL BE SET PLUMB TO LINE AND GRADE.
4. ALL P.V.C. GRAVITY SEWER PIPES SHALL CONFORM TO A.S.T.M. D-3034, S.D.R.-26, LATEST REVISIONS, WITH PUSH-ON RUBBER GASKET JOINTS.
5. ALL D.I.P. GRAVITY SEWER PIPES SHALL BE CLASS 52, EPOXY LINED OR AS OTHERWISE APPROVED BY THE CITY ENGINEER.
6. NO SERVICE CONNECTIONS, WYES, SERVICES OR VALVES WILL BE PERMITTED IN RESIDENTIAL DRIVEWAYS, EXCEPT UPON APPROVAL OF THE CITY ENGINEER. SEE CITY STANDARD WW-100.
7. MANHOLE FRAMES THAT ARE NOT SUPPORTED BY ASPHALT OR CONCRETE SHALL BE ATTACHED AND SEALED WITH A MINIMUM OF TWO 1/2" BEADS OF RAM-NEK CAULKING.
8. TRENCHES SHALL BE DE-WATERED TO ENABLE PIPE AND APPURTENANCES TO BE INSTALLED FREE OF WATER ON UNDISTURBED SOIL. BEDDING SHALL CONSIST OF UNWASHED AND GRADED ¾" TO ¾" ROCK.
9. P.V.C. PIPES SHALL BE LAID IN STRICT CONFORMANCE TO THE MANUFACTURER'S SPECIFICATIONS I.E.G., "JOHNS MANVILLE RING TITE P.V.C. PIPE INSTALLATION GUIDE" OR EQUAL.) BACKFILLING OF UTILITY TRENCHES WILL NOT BE ALLOWED UNTIL INSPECTED BY THE CITY.
10. BACK FILL MATERIAL FOR SEWER MAIN AND LINES SHALL BE NON-COHESIVE, NON-PLASTIC MATERIAL FREE OF ALL DEBRIS, LUMPS AND ORGANIC MATTER. BACK FILL MATERIAL PLACED WITHIN 1' OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN 2" IN DIAMETER (1" FOR P.V.C. PIPE), AND NO STONE LARGER 6" IN DIAMETER WILL BE PERMITTED IN ANY BACK FILL MATERIAL.
11. ALL EXCAVATION IN EXISTING RIGHT OF WAY SHALL BE BACK FILLED AND STABILIZED AT THE END OF EACH DAY TO PERMIT PEDESTRIAN AND VEHICULAR TRAFFIC PRIOR TO THE CONTRACTOR LEAVING THE CONSTRUCTION SITE.
12. IN ANY INSTANCE WHERE SEWER LINES ARE NOT INSTALLED WITHIN PUBLIC RIGHTS-OF-WAY, ALL LINES SHALL BE LOCATED IN A PUBLIC UTILITY EASEMENT, AND CITY MAINTENANCE RESPONSIBILITY IS MANHOLE TO MANHOLE ONLY.
13. UPON COMPLETION OF THE WORK AND PRIOR TO PLACEMENT OF ASPHALT A VISUAL INSPECTION AND VIDEO RECORDING SHALL BE MADE OF THE COMPLETED SYSTEM. THE CITY SHALL APPROVE THE SYSTEM PRIOR TO IT BEING PLACED IN SERVICE, AND BEING ACCEPTED FOR MAINTENANCE.
14. COMPLETE "AS-BUILT" INFORMATION RELATIVE TO MANHOLES, VALVES, SERVICES, FITTINGS, PIPE LENGTHS, INVERTS AND SLOPES SHALL BE ACCURATELY RECORDED AND SUBMITTED TO THE CITY, AND MUST BE SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR.
15. AT THE END OF THE TWO (2) YEAR WARRANTY PERIOD THE CITY WILL CCTV INSPECT, AND CHECK MANHOLE JOINTS AND CONNECTIONS TO DETERMINE IF REPAIRS ARE NECESSARY BEFORE THE WARRANTY BOND IS RELEASED.
16. ONLY EIGHTEEN (18) INCH MAINS (PRIVATE), NOT SIX(6") INCH WILL BE VISUALLY INSPECTED AND VIDEO RECORDED, EIGHTEEN (18") INCH PIPE LESS THAN SIXTY(60') FEET LONG WILL BE EXEMPT UNLESS OTHERWISE DIRECTED.

City of Largo - Engineering Services Department
201 Highland Avenue NE, Largo, Florida 33770-2512
(727) 587-6713 FAX (727) 586-7413

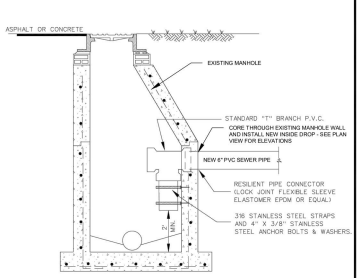
INDEX NUMBER	DESCRIPTION
WW-010	GENERAL SANITARY SEWER NOTES

DATE	SCALE
April 06, 2021	N.T.S.

JERALD WOZOSZYNSKI, P.E. — RAFAL CIESLAK, P.E.

Engineering Design and Construction Standards

INSIDE DROP MANHOLE



NOTES:

1. DROP CONNECTIONS SHALL BE REQUIRED WHENEVER AN INFLUENT INVERT IS LOCATED 2.0 FEET OR MORE ABOVE THE MAIN INVERT CHANNEL.

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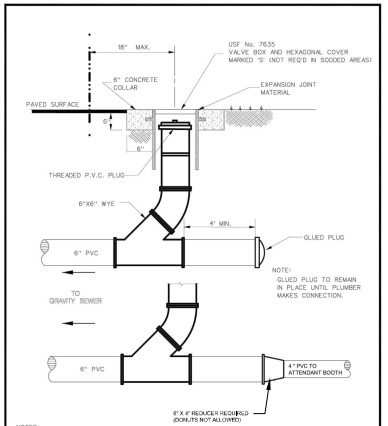
201 Highland Avenue NE, Largo, Florida 33770-2512
(727) 587-6713 FAX (727) 586-7413

INDEX NUMBER	DESCRIPTION
WW-050	INSIDE DROP MANHOLE

DATE	SCALE
April 06, 2021	N.T.S.

JERALD WOZOSZYNSKI, P.E. — RAFAL CIESLAK, P.E.

Engineering Design and Construction Standards



NOTES:

1. NEW SERVICES SHALL BE 6" P.V.C.
2. CONTRACTOR SHALL BE REQUIRED TO MAKE CONNECTION TO EXISTING SERVICES AND TO PROVIDE UNINTERRUPTED SERVICE.

City of Largo - Engineering Services Department
201 Highland Avenue NE, Largo, Florida 33770-2512
(727) 587-6713 FAX (727) 586-7413

INDEX NUMBER	DESCRIPTION
WW-100	SANITARY SEWER CLEAN-OUT

DATE	SCALE
April 06, 2021	N.T.S.

JERALD WOZOSZYNSKI, P.E. — RAFAL CIESLAK, P.E.

Engineering Design and Construction Standards

Mead & Hunt
Mead and Hunt, Inc.
2203 North Lois Avenue, Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

St. Pete-Clearwater International
TAMPA BAY THE EASY WAY

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MAIN NO.: 4625000-221000.01
DATE: OCTOBER 27, 2023
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SHEET CONTENTS
SITE UTILITY DETAILS

SHEET NO.
C-361

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LUMINAIRE SYMBOLS

- RECESSED LUMINAIRE
- RECESSED TROFFER
- RECESSED LINEAR
- SURFACE ROUND LUMINAIRE
- SURFACE SQUARE LUMINAIRE
- SURFACE LINEAR/INDUSTRIAL LUMINAIRE
- WALL SURFACE LUMINAIRE
- WALL RECESSED LUMINAIRE
- WALL SURFACE LINEAR
- WALL RECESSED LINEAR
- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EXIT SIGN
- WALL MOUNTED COMBINATION EXIT SIGN/EBU
- ARROW DENOTES EXIT SIGN CHEVRON
- EMERGENCY BATTERY UNIT
- RECESSED EMERGENCY BATTERY UNIT
- WALL WASH MODIFIER
- EMERGENCY (NEC 700) SHADING MODIFIER
- LEGALLY REQUIRED STANDBY (NEC 701) AND OPTIONAL STANDBY (NEC 702) SHADING MODIFIER

LUMINAIRE CIRCUITRY & CONTROL KEY:

- LUMINAIRE TYPE
- LOWER CASE LETTER INDICATES SWITCHLEG CONTROL
- (Rp) INDICATES CENTRALIZED LOW VOLTAGE RELAY NUMBER (Zp) INDICATES DISTRIBUTED LOW VOLTAGE RELAY NUMBER REFER TO LIGHTING CONTROL PANEL SCHEDULES
- NUMBER INDICATES BRANCH PANEL CIRCUIT NUMBER
- SE: DENOTES LUMINAIRE IS SWITCHED/CONTROLLED DURING NORMAL OPERATION AND OPERATES FROM EMERGENCY BATTERY AND/OR EMERGENCY CIRCUIT UPON LOSS OF POWER. NL: DENOTES LUMINAIRE IS UNSWITCHED FOR NIGHT LIGHT.

LUMINAIRE CONTROL SYMBOLS

- OCCUPANCY SENSOR CEILING MOUNT
- OCCUPANCY SENSOR CORNER (WALL/CEILING) MOUNT
- DAYLIGHT SENSOR
- VACANCY SENSOR CEILING MOUNT
- TC — ELECTRONIC TIME CLOCK
- PC — PHOTOCELL
- LC — LIGHTING CONTACTOR
- LCP-X — LIGHTING CONTROL PANEL (x REPRESENTS PANEL DESIGNATION)
- DR — DIMMER RACK
- PT — UL 924 LISTED EMERGENCY LIGHTING BYPASS CONTROL UNIT
- PP — POWER PACK USED IN CONJUNCTION WITH OCCUPANCY SENSORS OR DAYLIGHT SENSORS
- PS — REMOTE POWER SUPPLY OR DRIVER
- D — DIMMER CONTROL STATION MULTI-PRESET MODULAR DIMMING SYSTEM

DIMMER NOTATIONS:

MCS DENOTES MASTER CONTROL STATION
RS DENOTES REMOTE STATION
ES ENTRY STATION
PS PARTITION STATION

- LOW VOLTAGE SWITCH
  * DENOTES SWITCH NAME, SEE LIGHTING CONTROL PANEL & SWITCH SCHEDULE.
- S — SINGLE POLE SWITCH

SWITCH NOTATIONS:

a,b LOWER CASE LETTERS DENOTE SWITCHLEG
3 DENOTES 3-WAY SWITCH
4 DENOTES 4-WAY SWITCH
C MAINTAINED CONTACT, THREE POSITION, CENTER OFF
D DENOTES WALL BOX DIMMER SWITCH
F FAN SPEED CONTROL SWITCH
K DENOTES KEY SWITCH
M MOMENTARY CONTACT SWITCH
OSX DENOTES OCCUPANCY SENSOR (X REPRESENTS SCHEDULE DESIGNATION)
P DENOTES PILOT SWITCH
PB PUSH BUTTON
T DENOTES TIMER SWITCH
VSX DENOTES VACANCY SENSOR (X REPRESENTS SCHEDULE DESIGNATION)
WL DENOTES WET LOCATION SWITCH
X1 DENOTES EXPLOSION PROOF CLASS 1 DIVISION 1 SWITCH
X2 DENOTES EXPLOSION PROOF CLASS 1 DIVISION 2 SWITCH

SERVICE & DISTRIBUTION SYMBOLS

- GAP — GENERATOR ANNUNCIATOR PANEL
- EPO X — EMERGENCY POWER OFF SWITCH, MUSHROOM HEAD PUSH BUTTON AT 48" AFF. B: DENOTES BOILER SHUT-OFF NAMEPLATE G: DENOTES GENERATOR SHUT-OFF NAMEPLATE
- PFC — POWER FACTOR CORRECTION CAPACITOR
- AHF — ACTIVE HARMONIC FILTER
- FEEDER BUS DUCT
- PANELBOARD
- C — CONTACTOR
- PB — PUSH BUTTON
- EMERGENCY SHADING MODIFIER

GROUNDING & LIGHTNING PROTECTION SYMBOLS

- GROUND ACCESS WELL
- GROUND ROD
- GR — STATIC GROUND RECEPTACLE
- LIGHTNING PROTECTION SYSTEM AIR TERMINAL
- GROUNDING CONDUCTOR
- EGB — EQUIPMENT GROUND BUS

SITE SYMBOLS

- GROUND MOUNTED LIGHT (ABOVE & BELOW GRADE MOUNTING)
- E — ELECTRIC HANDHOLE
- HH — HANDHOLE, GENERIC
- E — ELECTRIC MANHOLE
- ELECTRIC PEDESTAL BOX
- BOLLARD LIGHT
- DOUBLE LIGHT POLE
- LIGHT POLE
- POST TOP LIGHT POLE
- POWER POLE
- DOUBLE POWER POLE
- POWER POLE WITH LIGHT

GENERAL SYMBOLS

- #/E-### — DETAIL NUMBER / SHEET NUMBER
- S.### — KEYED NOTE, USED TO DESCRIBE ADDITIONAL INFORMATION OF WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL IT IS SHOWN WITH.
- # — KITCHEN EQUIPMENT TAG. # REFERS TO CORRESPONDING NUMBER IN KITCHEN EQUIPMENT SCHEDULE.

LINE TYPE KEY

- NEW WORK BY THIS CONTRACTOR (DARK SOLID LINE)
- EXISTING TO BE REMOVED BY THIS CONTRACTOR (DARK DASHED LINE)
- EXISTING TO REMAIN WORK (THIN SOLID LINE)
- NEW WORK UNDER FLOOR BY THIS CONTRACTOR
- ONE-LINE EQUIPMENT ENCLOSURE
- PANEL DIVISION LINES
- CON — SITE UNDERGROUND CONDUIT
- //CON// — SITE REMOVED UNDERGROUND CONDUIT
- E — SITE UNDERGROUND ELECTRIC
- OHE — SITE OVERHEAD ELECTRIC
- //OHE// — SITE REMOVED OVERHEAD ELECTRIC
- //E// — SITE REMOVED UNDERGROUND ELECTRIC

ELECTRICAL ABBREVIATIONS

3R	NEMA 3R RATING
4X	NEMA 4X RATING
A	AMPERES
A/E	ARCHITECT / ENGINEER
AAC	ABOVE ACCESSIBLE CEILING
ACCU	AIR COOLED CONDENSING UNIT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
APE	AIRCRAFT PROCESS EQUIPMENT
ATS	AUTOMATIC TRANSFER SWITCH
BLDG	BUILDING
BRKR	BREAKER
C	CONDUIT
CB	CIRCUIT BREAKER
CEB	CONCRETE EQUIPMENT BASE
CKT	CIRCUIT
CP	CIRCULATION PUMP
DC	DROP CORD
DDC	DIGITAL CONTROL PANEL
DH	DUCT HEATER
DISC	DISCONNECT
DO	DOOR OPERATOR
DWG	DRAWING
E/O	ELECTRICAL-TO-OPTICAL CONVERTER
EC	ELECTRICAL CONTRACTOR
ECB	ENCLOSED CIRCUIT BREAKER
EF	EXHAUST FAN
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ERL	EXISTING TO BE RELOCATED
ERLD	EXISTING - RELOCATED LOCATION
ES	EQUIPMENT SUPPLIER
ETR	EXISTING TO REMAIN
F	FUSED
FA	FIRE ALARM
FAF	FORCED AIR FURNACE
FCU	FAN COIL UNIT
GC	GENERAL CONTRACTOR
GD	GARBAGE DISPOSAL
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
GWH	GAS WATER HEATER
HD	HAND DRYER
HP	HORSEPOWER
HVAC	HEATING, VENTILATION, AIR CONDITIONING
IMC	INTERMEDIATE METALLIC CONDUIT
IWH	INSTANTANEOUS WATER HEATER
J-BOX	JUNCTION BOX
LBS	POUNDS
LFS	LIGHTING FIXTURE SCHEDULE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MDP	MAIN DISTRIBUTION PANEL
MIN.	MINIMUM
MNS	MASS NOTIFICATION SYSTEM
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NL/EL	NIGHT LIGHT AND EMERGENCY LIGHT
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
PH	PHASE
PNL	PANEL
PVC	POLYVINYL CHLORIDE
RECPT	RECEPTACLE
REF	REFRIGERATOR
REQ'D	REQUIRED
RF	RETURN FAN
RGS	RIGID GALVANIZED STEEL CONDUIT MAY ALSO BE REFERENCED AS RMC OR GRC
RMC	RIGID METAL CONDUIT
RTU	ROOF TOP UNIT
S/N	SOLID NEUTRAL
SE	SERVICE ENTRANCE
SEC-P	SECURITY PANEL
SF	SUPPLY FAN
SP	SUMP PUMP
SS	STAINLESS STEEL
SW	SWITCH
SWBK	SWITCH BANK
TBR	TO BE REMOVED
TYP	TYPICAL
UC	UNIT COOLER
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UV	UNIT VENTILATER
V	VOLTS
VER	VEHICLE EXHAUST REEL
VFD	VARIABLE FREQUENCY DRIVE
VS	VERSUS
W	WATTS
WCC	WATER COOLED CONDENSER
WL	WET LOCATION LISTED
WP	WEATHERPROOF
XFMR	TRANSFORMER

GENERAL NOTES:

1. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE DETAILS OF WORK, VERIFY DIMENSIONS IN THE FIELD, AND ADVISE THE ENGINEER OF ANY DISCREPANCY BEFORE PERFORMING ANY WORK.
2. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL SCHEDULES PROVIDED. BALANCE THE LOAD ON PANELS AS EVENLY AS POSSIBLE BETWEEN EACH PHASE. COMMON NEUTRALS MAY **NOT** BE USED FOR BRANCH CIRCUITS.
3. A #12 GREEN INSULATED GROUND CONDUCTOR SHALL BE INSTALLED WITH CIRCUIT CONDUCTORS TO ALL RECEPTACLES.
4. CONTRACTOR TO PROVIDE SUITABLE MECHANICAL PROTECTION AROUND ALL CONDUITS STUBBED OUT FROM FLOORS, WALLS OR CEILINGS DURING CONSTRUCTION TO PREVENT BENDING OR DAMAGING OF STUB OUTS DUE TO CARELESSNESS WITH CONSTRUCTION EQUIPMENT.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
6. SCCR RATINGS LISTED FOR EQUIPMENT ARE MINIMUM REQUIREMENTS FOR BUS BRACING AND DEVICE RATING. ALL EQUIPMENT SHALL BE FULLY RATED UNLESS SPECIFICALLY NOTED AS SERIES RATED.

SECURITY AND COMMUNICATIONS NOTES:

1. COST OF NEW 12 COUNT BLUE OM3 MULTIMODE FIBER INSTALLED IN NEW OR EXISTING DUCT FROM THE EXISTING MDF TO THE NEW ATTENDANT BOOTH SHALL BE PAID AS A LINEAR FOOT COST UNDER PAY ITEM 271000-1.
2. COST OF ELECTRICAL AND FIBER OPTIC CONDUITS TO BE INCLUDED IN COST OF ELECTRICAL DISTRIBUTION SYSTEM.
3. ALL FIBER OPTIC EQUIPMENT, MATERIALS AND LABOR ASSOCIATED WITH THE CAMERAS AND SECURITY SYSTEM SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-1, AIRPORT SECURITY VENDOR MUST BE UTILIZED FOR ALL WORK.
   JASON MICHALSKI
   AGE INTEGRATED SOLUTIONS
   352.999.1926
   JASON.MICHALSKI@AGEINTEGRATEDSOLUTIONS.COM
4. ALL FIBER OPTIC EQUIPMENT, MATERIALS, AND LABOR ASSOCIATED WITH CONNECTIONS TO THE ENTRANCE/EXIT PLAZA EQUIPMENT SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-2, AIRPORT PARKING VENDOR (HUB/REEF) MUST BE UTILIZED FOR THIS WORK.
   JENNIFER CARROLL
   REGIONAL VP - AIRPORT DIVISION
   JACKSONVILLE, FL
   803.338.4286
   JENNIFER.CARROLL@REEFPARKING.COM
5. ALL FIBER OPTIC EQUIPMENT, MATERIALS, AND LABOR ASSOCIATED WITH CONNECTIONS TO THE TOLL BOOTH ENCLOSURE AND MDF SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-3..

DEMOLITION GENERAL NOTES:

1. THE INFORMATION SHOWN IS BASED ON EXISTING DRAWINGS AND SITE OBSERVATIONS TO ASSIST CONTRACTOR IN BIDDING. THE ELECTRICAL DRAWINGS INDICATE EXISTING ELECTRICAL ITEMS TO BE REMOVED. THE DRAWINGS ARE INTENDED TO INDICATE THE SCOPE OF WORK REQUIRED AND DO NOT INDICATE EVERY BOX, CONDUIT, OR WIRE THAT MUST BE REMOVED. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID AND VERIFY EXISTING CONDITIONS. REFER TO SPECIFICATION SECTION 26 05 02 FOR ADDITIONAL REQUIREMENTS.
2. ELECTRICAL ITEMS (i.e., LIGHTING FIXTURES, PANELBOARDS, DISCONNECTS, MOTOR CONTROLLERS, ETC.) REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE OWNER AND SHALL BE TURNED OVER TO THE OWNER, IN A STORAGE AREA TO BE DESIGNATED BY THE OWNER. EQUIPMENT BEING REMOVED SHALL BE HANDLED SO AS NOT TO FURTHER REDUCE ITS VALUE TO THE OWNER. THE CONTRACTOR SHALL DISPOSE OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN FOR MAINTENANCE PURPOSES.
3. WHERE LIGHTS, SWITCHES, RECEPTACLES, ETC., ARE BEING REMOVED ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE PANELBOARD OR FEEDER JUNCTION BOX SERVING THE DEVICE SHALL ALSO BE REMOVED, UNLESS THE CONDUIT CAN BE REUSED FOR NEW CONDUCTORS. THE CONTRACTOR SHALL DISPOSE OF MATERIAL THE OWNER DOES NOT WANT TO REUSE OR RETAIN FOR MAINTENANCE PURPOSES.
4. ALL CONDUIT SHALL BE REMOVED WHERE WALLS ARE BEING REMOVED. WHERE CONDUIT IS IN THE CONCRETE SLAB, CUT OFF FLUSH, PULL OUT WIRE, AND PLUG. WHERE CONDUIT IS RUN EXPOSED, ALL ASSOCIATED CLAMPS, SUPPORTS, HANGERS, ETC., SHALL ALSO BE REMOVED. CONDUIT CONCEALED IN WALL CONSTRUCTION MAY BE ABANDONED IN PLACE IF NOT AFFECTED BY OTHER CONSTRUCTION.
5. THIS CONTRACTOR SHALL COORDINATE ALL WORK, INCLUDING PHASING WITH OTHER CONTRACTORS AT THE JOB SITE BEFORE REMOVING EXISTING ELECTRICAL AND INSTALLING NEW ITEMS.
6. EXISTING CONDUIT IN GOOD CONDITION, MAY BE REUSED IN PLACE. RELOCATED EXISTING CONDUIT SHALL NOT BE ALLOWED. BONDING CONDUCTORS SHALL BE INSTALLED IN ALL REUSED CONDUIT TO ASSURE PROPER GROUND PATH.
7. MAINTAIN CIRCUIT CONTINUITY OF DEVICES LOCATED OUTSIDE OF CONSTRUCTION AREA. DEVICE AND EQUIPMENT REMOVAL IN CERTAIN LOCATIONS MAY REQUIRE THE INSTALLATION OF A JUNCTION BOX TO RECONNECT CIRCUITS THAT REMAIN IN OPERATION. EXTEND CONDUIT AND WIRING AS REQUIRED TO MAINTAIN POWER TO REMAINING EQUIPMENT.
8. BALLASTS MANUFACTURED PRIOR TO 1980 CONTAIN PCBs AND SHALL BE DISPOSED OF IN ACCORDANCE WITH SPECIFICATIONS.
9. PROVIDE REVISED TYPED CIRCUIT DIRECTORY IN PANELBOARDS THAT HAVE CIRCUITS REMOVED OR ADDED CIRCUITS.
10. DISCONNECT AND REMOVE ABANDONED LUMINAIRES, INCLUDING BRACKETS, STEMS, HANGERS, AND OTHER ACCESSORIES.
11. DISCONNECT AND REMOVED ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.

Mead & Hunt
Mead & Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

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ST. PETE-CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

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DESIGNED BY:	KSK
DRAWN BY:	DAH
CHECKED BY:	M&H

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SHEET CONTENTS
NOTES, SYMBOLS & ABBREVIATIONS

SHEET NO.
E-001

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KEYED NOTES

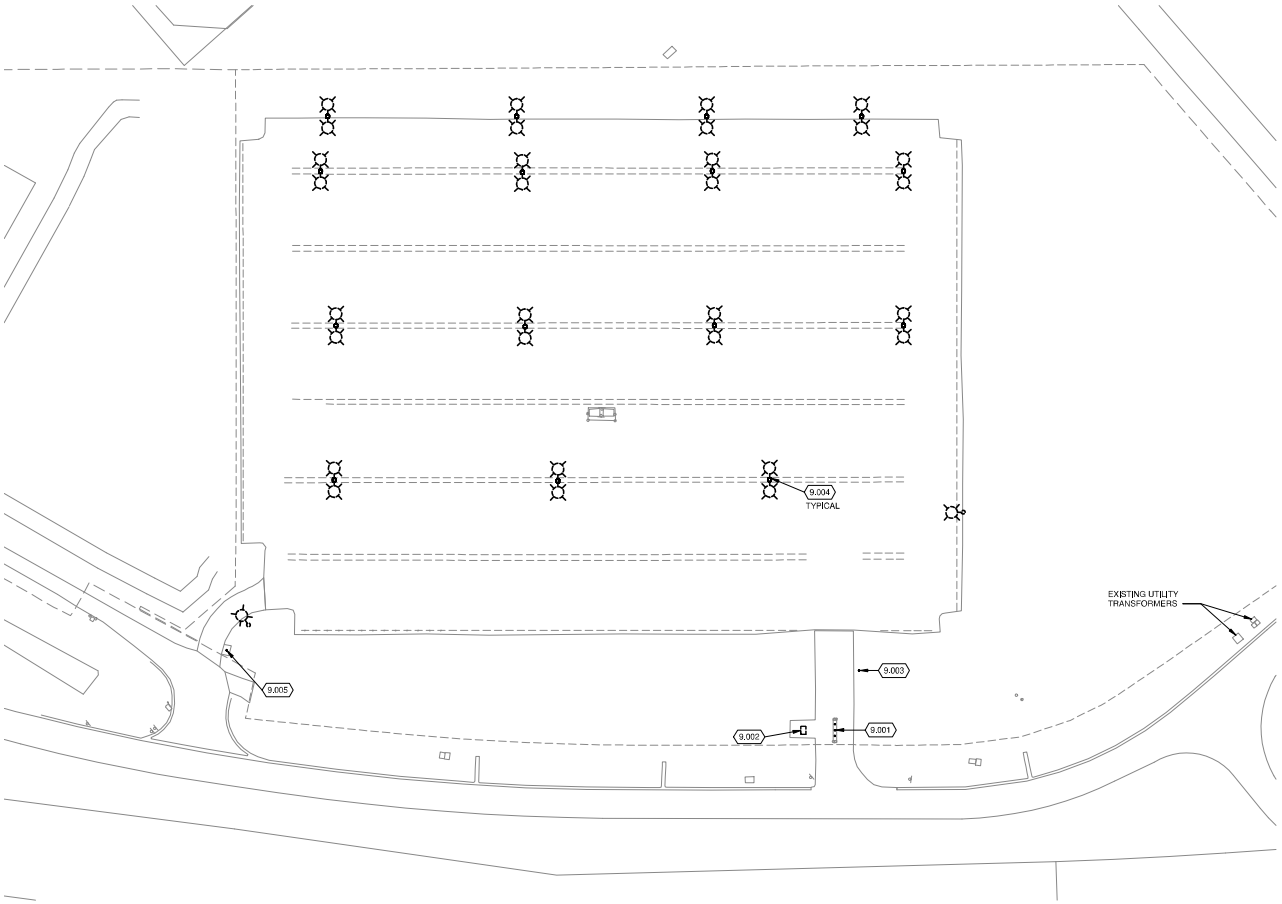
9.001 EXISTING SWING ARM GATES AND PAYMENT STAND SHALL BE REMOVED.

9.002 EXISTING PREFABRICATED BOOTH AND ASSOCIATED ELECTRICAL SHALL BE DEMOLISHED.

9.003 EXISTING UTILITY POLE, LIGHT FIXTURE AND ASSOCIATED ELECTRICAL SHALL BE DEMOLISHED.

9.004 EXISTING EXTERIOR LIGHT POLE AND FIXTURES PROVIDE BY LOCAL UTILITY SHALL BE REMOVED BY THE LOCAL UTILITY. COORDINATE REMOVAL PRIOR TO START OF NEW WORK.

9.005 EXISTING SWING ARM GATE TO REMAIN. REFER TO E-401 FOR NEW CONNECTION. CAPTURE EXISTING RACEWAY FOR REUSE.



1 SITE DEMOLITION PLAN - ELECTRICAL
1" = 50'-0"

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2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

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SHEET CONTENTS
SITE DEMOLITION PLAN - ELECTRICAL

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E-011

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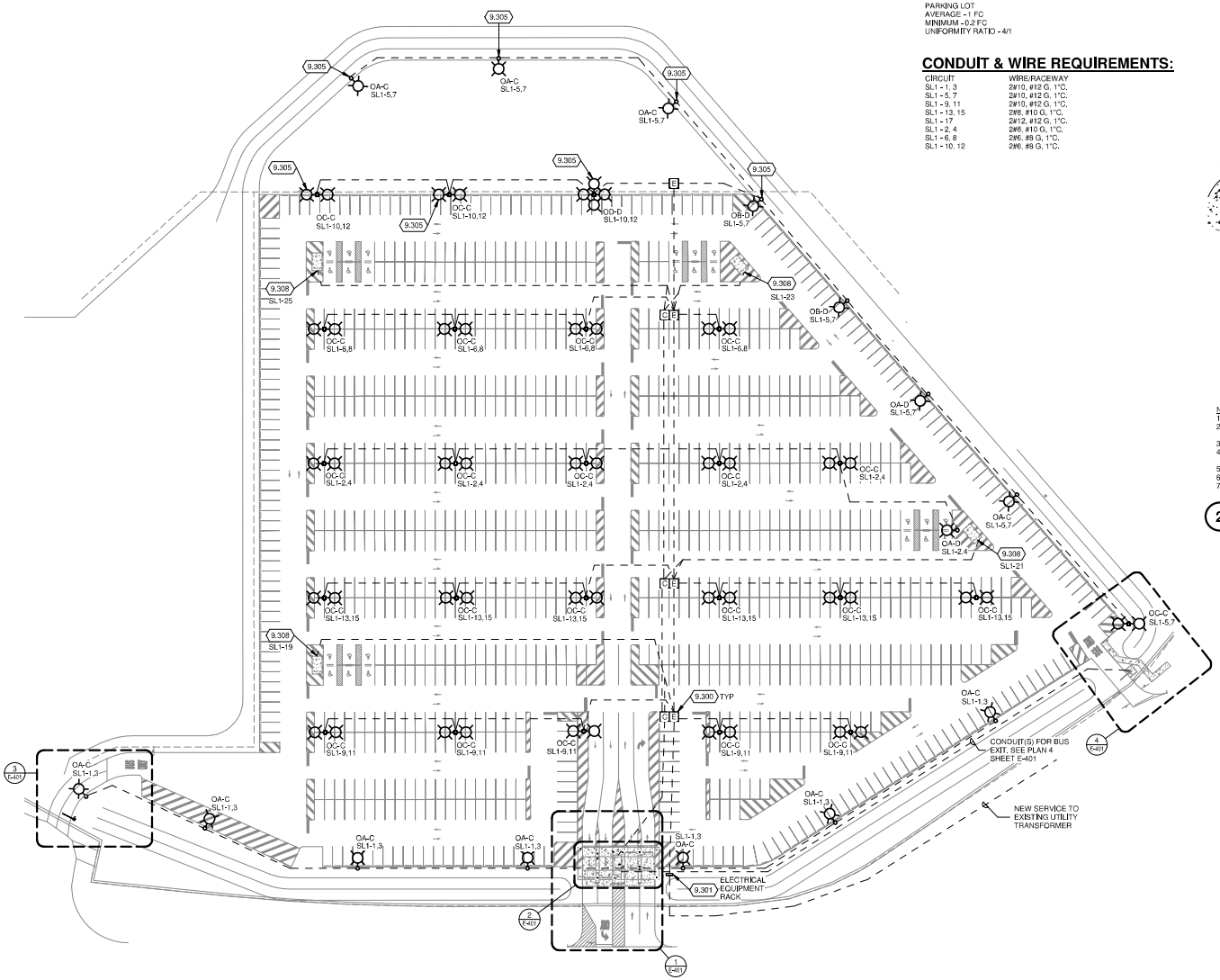


1 SITE PLAN - ELECTRICAL
1" = 50'-0"

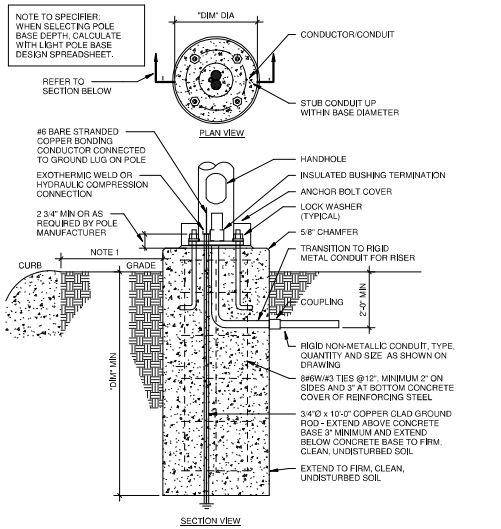
PHOTOMETRIC REQUIREMENTS:

LIGHTING FIXTURE SUPPLIER SHALL PROVIDE SUBMITTALS INCLUDING CALCULATIONS TO ENSURE THE PHOTOMETRIC REQUIREMENTS BELOW ARE MET:

PARKING LOT
AVERAGE - 1 FC
MINIMUM - 0.2 FC
UNIFORMITY RATIO - 4/1

CONDUIT & WIRE REQUIREMENTS:

CIRCUIT	WIRE/RACEWAY
SL1 - 1, 3	2#10, #12 G, 1"C.
SL1 - 5, 7	2#10, #12 G, 1"C.
SL1 - 9, 11	2#10, #12 G, 1"C.
SL1 - 13, 15	2#8, #10 G, 1"C.
SL1 - 17	2#12, #12 G, 1"C.
SL1 - 2, 4	2#8, #10 G, 1"C.
SL1 - 6, 8	2#6, #8 G, 1"C.
SL1 - 10, 12	2#6, #8 G, 1"C.



NOTES
1. MOUNT 3'-0" FROM CURB OR CENTER IN ISLAND (IF APPLICABLE OR 1'-0" FROM SIDEWALK EDGE.
2. CONTRACTOR SHALL USE TEMPLATE FURNISHED WITH POLE TO SET ANCHOR BOLTS. CENTER ON CONCRETE BASE.
3. ANCHOR BOLTS SHALL BE ORIENTED PARALLEL TO THE CURB LINE.
4. NON-SHRINK GROUT BETWEEN POLE AND BASE. PROVIDE A CHANNEL THROUGH GROUT FOR POLE INTERIOR DRAINAGE.
5. EXPOSED SURFACES TROWELLED SMOOTH.
6. ANCHOR BOLTS FOR POLE AS REQUIRED BY MANUFACTURER.
7. CONCRETE BASE PER SPECIFICATIONS.

2 POLE BASE DETAIL W/ GND
NO SCALE

GENERAL NOTES:

1. EXTEND AN UNSWITCHED PORTION OF THE CIRCUIT SERVING THE AREA AND OR SPACE TO EBU(S) AND OR EMERGENCY BATTERY/BALLAST WHERE INDICATED, SO THAT UPON LOSS OF NORMAL POWER LUMINAIRE(S) OPERATES FROM EMERGENCY BATTERY.
2. CONDUIT AND WIRING MAY NOT BE SHOWN GRAPHICALLY ON THE PLANS. PROVIDE COMPLETE CONDUIT AND WIRING BASED ON IDENTIFICATION OF CIRCUIT NUMBERS, RELAY NUMBERS AND SWITCHING IDENTIFICATION.
3. PROVIDE NETWORKED RELAY LIGHTING CONTROL PANELS WITH MANUAL OVERRIDE SWITCHES TO CONTROL ALL LARGE PUBLIC SPACES, EXTERIOR LIGHTING AND UNENCLOSED AREAS.
4. SEE SHEETS C-171 AND C-172 FOR FIBER OPTIC CONNECTIONS FROM TOLL PLAZA TO MDF IN TERMINAL BUILDING.
5. COSTS OF ELECTRICAL AND FIBER OPTIC CONDUITS TO BE INCLUDED IN COST OF ELECTRICAL DISTRIBUTION SYSTEM.
6. ALL FIBER OPTIC EQUIPMENT, MATERIALS AND LABOR ASSOCIATED WITH THE CAMERAS AND SECURITY SYSTEM SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-1. WORK TO BE COORDINATED WITH AIRPORT SECURITY VENDOR.
7. REFER TO SHEETS C-132, C-133, AND C-134 FOR ADDITIONAL DETAILS AND BELOW GRADE CONDUIT REQUIREMENTS.

KEYED NOTES

9.300 PROVIDE A MINIMUM 36"X36"X36" POLYMER CONCRETE MANHOLE WITH TRAFFIC RATED COVER.

9.301 PROVIDE A MINIMUM 4'-0" WIDE ELECTRICAL EQUIPMENT RACK. PROVIDE (2) 4"X4" CONCRETE POSTS WITH UNISTRUT FRAMING FOR MOUNTING PANEL SL1 AND THE ELECTRICAL METER.

9.305 FOR AREA LIGHT(S) SHOWN, ONLY PROVIDE HAND HOLE. RACEWAY AND WIRING TO THE LOCATION FOR FUTURE INSTALLATION.

9.308 PROPOSED LOCATION FOR SECURITY CAMERA AND EMERGENCY CALL STATION. PROVIDE A 3/4" CONDUIT W/ 4-STRAND FIBER FROM THIS LOCATION STUBBED UP BELOW THE ENTRANCE BOOTH. CAMERAS SHALL BE MOUNTED ON TOP OF THE CALL STATION (ADDITIONAL POST COMES WITH THE STATION). EXACT LOCATION SHALL BE COORDINATED IN THE FIELD. EMERGENCY CALL STATION SHALL BE TALKAPHONE MODEL ETP-MTE-WP ECO TOWER, ETP-500E EMERGENCY CALL BUTTON AND ETP-C14G-GSM 4G CELLULAR INTERFACE (OR APPROVED EQUAL). PROVIDE POWER FROM HOMERUN CIRCUIT SHOWN USING 2#8, #10G IN 3/4"C.

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Mead & Hunt, Inc.
2203 North Lois Avenue, Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

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SHEET CONTENTS
SITE PLAN - ELECTRICAL

SHEET NO.
E-111

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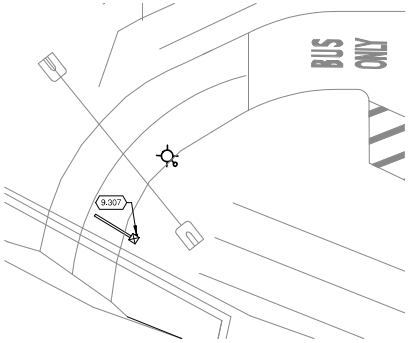
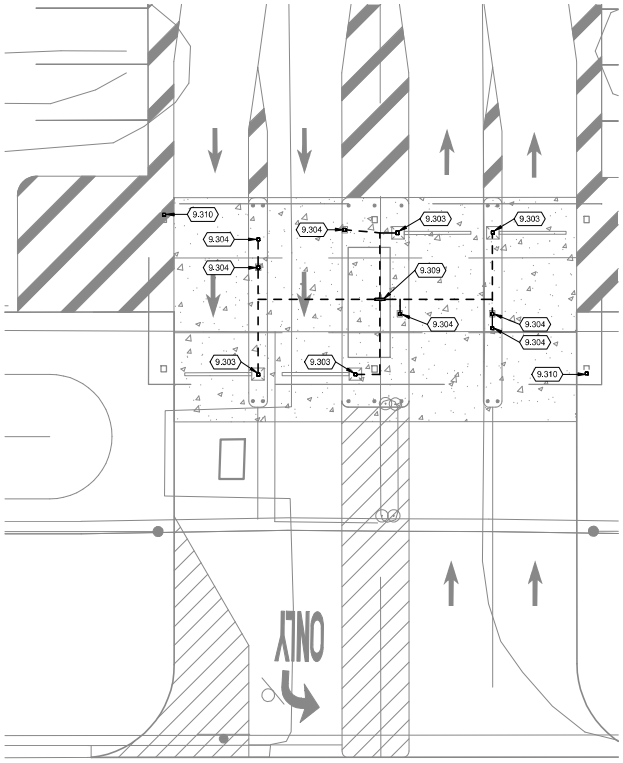
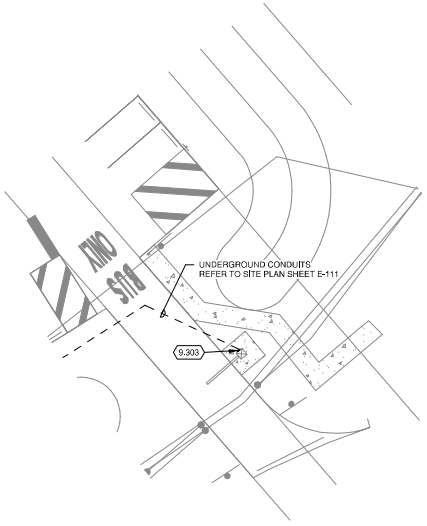


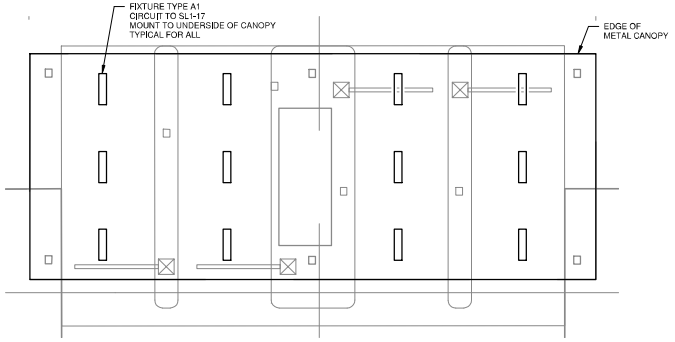
3 ENLARGED VIEW OF SHUTTLE ENTRANCE
1/16" = 1'-0"



1 ENLARGED VIEW OF ENTRANCE/EXIT PLAZA
1" = 10'-0"



4 ENLARGED VIEW OF SHUTTLE EXIT
1/16" = 1'-0"



2 ENLARGED VIEW OF ENTRANCE/EXIT PLAZA LIGHTING
1/8" = 1'-0"

KEYED NOTES

9.303 SWING ARM GATE. PROVIDE (2) 1" CONDUITS W/ PULL STRING FROM THE GATE LOCATION STUBBED UP BELOW THE ENTRANCE BOOTH POWER PANEL.

9.304 TICKET DISPENSER/PAYMENT STATION/EMPLOYEE PROXIMITY READER LOCATION. PROVIDE (2) 1" CONDUITS W/ PULL STRING FROM THE GATE LOCATION STUBBED UP BELOW THE ENTRANCE BOOTH POWER PANEL.

9.307 EXISTING SWING ARM GATE. CAPTURE, SPLICE AND EXTEND EXISTING POWER AND COMMUNICATIONS CONDUITS TO NEW ENTRANCE BOOTH.

9.309 ENTRANCE BOOTH POWER PANEL. CONTRACTOR TO INSTALL CONDUIT/WIRE FROM ENTRY/EXIT EQUIPMENT TO PANEL IN BOOTH. SEE SHEET E-111 FOR ELECTRICAL FEED FROM BOOTH PANEL TO ELECTRICAL EQUIPMENT RACK.

9.310 SECURITY CAMERA MOUNTED ON CANOPY POST. EXACT LOCATION AND MOUNTING SHALL BE COORDINATED IN THE FIELD WITH CANOPY INSTALLER. PROVIDE A 1" CONDUIT WITH PULL STRING FROM CAMERA LOCATION STUBBED UP BELOW THE ENTRANCE BOOTH PANEL.

GENERAL NOTES:

1. COSTS OF ELECTRICAL AND FIBEROPTIC CONDUITS TO BE INCLUDED IN COST OF ELECTRICAL DISTRIBUTION SYSTEM.
2. ALL FIBER OPTIC EQUIPMENT, MATERIALS AND LABOR ASSOCIATED WITH THE CAMERAS AND SECURITY SYSTEM SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-1. WORK TO BE COORDINATED WITH AIRPORT SECURITY VENDOR.
3. ALL ENTRANCE AND EXIT EQUIPMENT AND FIBEROPTIC WORK ASSOCIATED WITH CONNECTIONS TO THE ENTRANCE/EXIT PLAZA EQUIPMENT SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-2. WORK TO BE COORDINATED WITH AIRPORT PARKING LOT VENDOR (REEF/HUB).
4. ALL FIBEROPTIC WORK ASSOCIATED WITH CONNECTIONS TO THE TOLL BOOTH ENCLOSURE SHALL BE INCLUDED IN UNSPECIFIED WORK ITEM 9990000-3. WORK TO BE COORDINATED WITH THE AIRPORT PARKING LOT VENDOR (REEF/HUB).
5. COST OF NEW LANE CONTROLLER, AVI READER, AND WIRELESS BRIDGE TO BE INCLUDED UNDER UNSPECIFIED WORK ITEM 9990000-2. CONTRACTOR SHALL COORDINATE WITH PARKING VENDOR (HUB/REEF)
6. COST OF NEW 12 COUNT BLUE OM3 MULTIMODE FIBER INSTALLED IN NEW OR EXISTING DUCT FROM THE EXISTING MDF TO THE NEW ATTENDANT BOOTH SHALL BE PAID AS A LINEAR FOOT COST UNDER PAY ITEM 271000-1.
7. SEE SHEET EP-102 FOR ADDITIONAL INFORMATION ON ATTENDANT BOOTH.
8. SEE SHEET C-132 FOR ADDITIONAL INFORMATION ON GATE EQUIPMENT.
9. SEE SHEETS C-171 AND C-172 FOR ADDITIONAL INFORMATION ON ELECTRICAL AND FIBER OPTIC CONNECTIONS TO ATTENDANT BOOTH AND CONNECTIONS TO HEAD END SYSTEM IN TERMINAL.
10. REFER TO SHEETS C-132, C-133, AND C-134 FOR ADDITIONAL DETAILS AND BELOW GRADE CONDUIT REQUIREMENTS.

Mead & Hunt
Mead & Hunt, Inc.
2203 North Lois Avenue,
Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

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SHEET CONTENTS
ENLARGED PLAN - ELECTRICAL

SHEET NO.
E-401

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LUMINAIRE SCHEDULE

DES	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LED DATA	VOLTAGE	MOUNTING	DRIVER TYPE	FIXTURE DEPTH	INPUT LOAD	LUMENS	ACCEPTACLE MANUFACTURERS	KEYED NOTES
A1	GE CURRENT	ALR2-0-4N-04-T-48-S-O-Q-O-ST-K-Q-W	4'-0" LINEAR LED INDUSTRIAL FIXTURE, WET LOCATION LISTED; FIBERGLASS & STEEL HOUSING, ACRYLIC LENS, POWDER COATED WHITE FINISH	LED, 4000K	120 V	SURFACE		6"	27 VA	4000		
OA-C	GE CURRENT	ERL1-2-14-D5-40-A-WHITE	SINGLE HEAD LED POLE LIGHT, TYPE III DISTRIBUTION	LED, 4000K	208 V	20'-0" POLE			110 VA	14,000		1,2
OA-D	GE CURRENT	ERL1-2-14-D5-40-A-WHITE	SINGLE HEAD LED POLE LIGHT, TYPE IV DISTRIBUTION	LED, 4000K	208 V	20'-0" POLE			250 VA	14,000		1,2
OB-D	GE CURRENT	ERL1-2-16-D5-40-A-WHITE	SINGLE HEAD LED POLE LIGHT, TYPE IV DISTRIBUTION	LED, 4000K	208 V	20'-0" POLE			129 VA	15,700		1,2
OC-C	GE CURRENT	ERL1-2-14-D5-40-A-WHITE	DOUBLE HEAD LED POLE LIGHT, TYPE III DISTRIBUTION	LED, 4000K	208 V	20'-0" POLE			220 VA	28,000		1,2
OC-D	GE CURRENT	ERL1-2-10-D5-40-A-WHITE	QUAD HEAD LED POLE LIGHT, TYPE III DISTRIBUTION	LED, 4000K	208 V	20'-0" POLE			304 VA	40,000		1,2

MOUNTING (MTG):

CV = COVE
ES = EXPOSED STRUCTURE
O = OTHER
P = PENDANT
PL = POLE
R = RECESSED
S = SURFACE
SP = SUSPENDED
UC = UNDERCOUNTER
V = VARIES
W = WALL MOUNTED

BALLAST/DRIVER: (SEE SPECIFICATIONS)

A LED DIMMABLE DRIVER (0-10V) - 10% DIM

B LED DIMMABLE DRIVER (0-10V) - 1% DIM

C LED DIMMABLE DRIVER (ELV)

D LED NON-DIMMABLE DRIVER

E EMERGENCY **(BATTERY) (DRIVER)**

F LED STEP-DIMMING DRIVER

G DALI DIMMING DRIVER

H LED DMX DRIVER

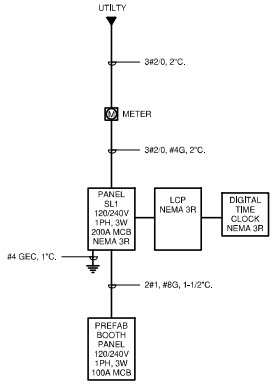
J MULTI-VOLTAGE DRIVER

LUMINAIRE SCHEDULE GENERAL NOTES:

1. ALL POLES SHALL BE ALUMINUM WITH WHITE FINISH.
2. REFER TO DIVISION 26 SPECIFICATION FOR ADDITIONAL INFORMATION BEFORE ORDERING.
3. ALL LED LUMINAIRES MUST COMPLY WITH LM-79 AND LM-80 TESTING STANDARDS. L70 LIFE SHALL HAVE A MINIMUM OF 50,000 HOURS.
4. ANY PROPOSED SUBSTITUTIONS MUST BE SUBMITTED WITH PHOTOMETRIC CALCULATIONS AND CATALOG SHEETS WITH DATA TO PROVE EQUAL CHARACTERISTICS. PROVIDE PHYSICAL SAMPLES OF PROPOSED SUBSTITUTIONS UPON REQUEST.
5. EC SHALL VERIFY AND COORDINATE ALL LUMINAIRE TRIMS/FLANGES WITH RESPECTIVE CEILING TYPES SCHEDULED AND/OR SUBMITTED BY THE GC PRIOR TO ORDERING OF THE LUMINAIRES. SCHEDULE INDICATES TRIM TYPES BASED ON THE GENERIC CEILING INFORMATION AVAILABLE AT THE TIME BIDDING DOCUMENTS WERE ISSUED AND DOES NOT REFLECT ACTUAL THICKNESS OF GYPSUM WALL BOARD OR PLASTER CEILING OR EXACT GRID TYPE SPECIFIED BY THE ARCHITECT.

LUMINAIRE SCHEDULE KEYED NOTES:

1. COORDINATE LUMINAIRE MOUNTING AND DIRECTIONAL ARROWS WITH PLANS PRIOR TO ORDERING.
2. WET LOCATION LISTED.



1 **ONE-LINE DIAGRAM**
NO SCALE

Panelboard: Panel SL1

Bus Ampacity	225	Volts	240/120	Panel Source:	UTILITY
Branch Brkr Space	42 Poles	Phase	1	Feed-Thru Lugs	None
Main Type	MCB	Wires	3		
MCB Amps	200	Delta/Wye	-	Sub-Feed Lugs	None
		Mounting	Surface		
		Enclosure	NEMA 3R	Sub-Feed Brkr #1	None
		SCCR	22 kA		
		SE Rated	Yes	Sub-Feed Brkr #2	None
		Pnl MCA	81 A		
Comments:				SPD	100 kA
				Iso Grd	

Key Note	Load Description	Cct No	Brkr A/P	Left Side A	Left Side B		Right Side A	Right Side B		Brkr A/P	Cct No	Load Description	Key Note
	SITE LIGHTING	1	20/2	330			675			20/2	2	SITE LIGHTING	
	|	3	|		330		675		|	4	|	
	SITE LIGHTING	5	20/2	599			440			20/2	6	SITE LIGHTING	
	|	7	|		599			440		|	8	|	
	SITE LIGHTING	9	20/2	550			372			20/2	10	SITE LIGHTING	
	|	11	|		550			372		|	12	|	
	SITE LIGHTING	13	20/2	660			5,000			100/2	14	ENTRANCE BOOTH	
	|	15	|		660			5,000		|	16	|	
	CANOPY LIGHTING	17	20/1	324			0				18		
	CALL STATION	19	20/1		20			0			20		
	CALL STATION	21	20/1	20			0				22		
	CALL STATION	23	20/1		20			0			24		
	CALL STATION	25	20/1	20			0				26		
		27			0			0			28		
		29		0			0				30		
		31			0			0			32		
		33		0			0				34		
	SPARE	35	20/1		0			0		20/1	36	SPARE	
	SPARE	37	20/1	0			0			20/1	38	SPARE	
	SPARE	39	20/1		0			0		20/1	40	SPARE	
	SPARE	41	20/1	0			0			20/1	42	SPARE	

Key Notes: A=HACR G=GFI H=HANDLE LOCK C=THRU CONTACTOR I=ISOLATED GRD S=SHUNT TRIP P=PADLOCK HASP D=HID LIGHTING E=EXISTING

LIGHTING CONTACTOR PANEL SCHEDULE (LCP)

RELAY NUMBER	RELAY TYPE POLES	RELAY TYPE VOLTAGE	RELAY TYPE SIZE	CIRCUIT	OVERRIDE DEVICE	AREA CONTROLLED	KEYED NOTE
1	2	208V	20A	SL1-1,3	LOCAL TIMECLOCK	PARKING LOT	1
2							
3	2	208V	20A	SL1-5,7	LOCAL TIMECLOCK	PARKING LOT	1
4							
5	2	208V	20A	SL1-9,11	LOCAL TIMECLOCK	PARKING LOT	1
6							
7	2	208V	20A	SL1-13,15	LOCAL TIMECLOCK	PARKING LOT	1
8							
9	1	120V	20A	SL1-17	LOCAL TIMECLOCK	ENTANCE CANOPY	1
10	2	208V	20A	SL1-2,4	LOCAL TIMECLOCK	PARKING LOT	1
11							
12	2	208V	20A	SL1-6,8	LOCAL TIMECLOCK	PARKING LOT	1
13							
14	2	208V	20A	SL1-10,12	LOCAL TIMECLOCK	PARKING LOT	1
15							
16	2	208V	20A	SPARE			
17							
18	2	208V	20A	SPARE			
19							
20	2	208V	20A	SPARE			
21							
22	2	208V	20A	SPARE			
23							
24	1	120V	20A	SPARE			

GENERAL NOTES:
1. SITE LIGHTING TO TURN ON AT 5:00 PM AND OFF AT MIDNIGHT.
2. PHOTO EYE WILL OVERRIDE THE SITE LIGHTING DURING DAYTIME HOURS.
3. VERIFY PROGRAMMING WITH OWNER.

KEYED NOTES:
1. RELAY CONTROLLED BY LOCAL DIGITAL TIMECLOCK WITH PHOTOCELL
2.

Mead & Hunt
Mead & Hunt, Inc.
2203 North Lois Avenue, Suite 225
Tampa, FL 33607
phone: 813-210-8740
meadhunt.com

St. Pete-Clearwater International
TAMPA BAY THE EASY WAY

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ST. PETE-CLEARWATER INTERNATIONAL AIRPORT (PIE)
PAVE STRAWBERRY LOT
15295 FAIRCHILD DRIVE
CLEARWATER, FL 33762

ISSUED
BID DOCUMENTS

NOT FOR CONSTRUCTION

M&H NO. 4625000-221000.01
DATE: OCTOBER 27, 2023
DESIGNED BY: KSK
DRAWN BY: DAH
CHECKED BY: M&H
DO NOT SCALE DRAWINGS

SHEET CONTENTS
SCHEDULES AND ONE-LINE

SHEET NO.
E-601

10/19/2023 1:45:21 PM C:\Revit Local\221000.01-E-R22_kaiff.kunal@MYEGA.rvt

St. Pete-Clearwater International

TAMPA BAY THE EASY WAY

Appendix C

ERP #1557.082 PERMIT

Southwest Florida Water Management District
2379 Broad Street, Brooksville, Florida 34604-6899
(352) 796-7211 or 1-800-423-1476 (FL only)
SUNCOM 628-4150 TDD only 1-800-231-6103 (FL only)
On the Internet at: WaterMatters.org

An Equal Opportunity Employer

Bartow Service Office
170 Century Boulevard
Bartow, Florida 33830-7700
(863) 534-1448 or
1-800-492-7862 (FL only)

Sarasota Service Office
78 Sarasota Center Boulevard
Sarasota, Florida 34240-9770
(941) 377-3722 or
1-800-320-3503 (FL only)

Tampa Service Office
7601 Highway 301 North
Tampa, Florida 33637-6759
(813) 985-7481 or
1-800-836-0797 (FL only)

April 17, 2023

St. Pete-Clearwater International Airport
Attn: Scott Yarley, P.E.
14700 Terminal Blvd., Suite 221
Clearwater, FL 33762

Subject: **Notice of Intended Agency Action - Approval**
ERP Individual Construction Major Modification

Project Name:	St. Pete-Clearwater Airport (PIE) - Strawberry Lot Expansion
App ID/Permit No:	863176 / 43001557.082
County:	Pinellas
Sec/Twp/Rge:	S03/T30S/R16E, S33/T29S/R16E, S04/T30S/R16E, S34/T29S/R16E

Dear Permittee(s):

The Southwest Florida Water Management District (District) has completed its review of the application for Environmental Resource Permit modification. Based upon a review of the information you have submitted, the District hereby gives notice of its intended approval of the application.

The File of Record associated with this application can be viewed at http://www18.swfwmd.state.fl.us/erp/erp/search/ERPSearch.aspx and is also available for inspection Monday through Friday, except for District holidays, from 8:00 a.m. through 5:00 p.m. at the District's Tampa Service Office, 7601 U.S. Highway 301 North, Tampa, Florida 33637.

If you have any questions or concerns regarding the application or any other information, please contact the Environmental Resource Permit Bureau in the Tampa Service Office.

Sincerely,

David Kramer, P.E.
Bureau Chief
Environmental Resource Permit Bureau
Regulation Division

cc: Elton Smith, P.E., Taylor Engineering, Inc.

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Dear Permittee(s):

The Southwest Florida Water Management District (District) is in receipt of your application for the Environmental Resource Permit modification. Based upon a review of the information you submitted, the application is approved.

Please refer to the attached Notice of Rights to determine any legal rights you may have concerning the District's agency action on the permit application described in this letter.

If approved construction plans are part of the permit, construction must be in accordance with these plans. These drawings are available for viewing or downloading through the District's Application and Permit Search Tools located at www.WaterMatters.org/permits.

The District's action in this matter only becomes closed to future legal challenges from members of the public if such persons have been properly notified of the District's action and no person objects to the District's action within the prescribed period of time following the notification. The District does not publish notices of agency action. If you wish to limit the time within which a person who does not receive actual written notice from the District may request an administrative hearing regarding this action, you are strongly encouraged to publish, at your own expense, a notice of agency action in the legal advertisement section of a newspaper of general circulation in the county or counties where the activity will occur. Publishing notice of agency action will close the window for filing a petition for hearing. Legal requirements and instructions for publishing notices of agency action, as well as a noticing form that can be used, are available from the District's website at www.WaterMatters.org/permits/noticing. If you publish notice of agency action, a copy of the affidavit of publication provided by the newspaper should be sent to the District's Tampa Service Office for retention in this permit's File of Record.

If you have any questions or concerns regarding your permit or any other information, please contact the Environmental Resource Permit Bureau in the Tampa Service Office.

Sincerely,

David Kramer, P.E.
Bureau Chief
Environmental Resource Permit Bureau
Regulation Division

Enclosures: Approved Permit w/Conditions Attached
As-Built Certification and Request for Conversion to Operation Phase
Notice of Authorization to Commence Construction
Notice of Rights

cc: Elton Smith, P.E., Taylor Engineering, Inc.

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
ENVIRONMENTAL RESOURCE

INDIVIDUAL CONSTRUCTION MAJOR MODIFICATION
PERMIT NO. 43001557.082

EXPIRATION DATE: **April 17, 2028** **PERMIT ISSUE DATE:** **April 17, 2023**

This permit is issued under the provisions of Chapter 373, Florida Statutes, (F.S.), and the Rules contained in Chapter 62-330, Florida Administrative Code, (F.A.C.). The permit authorizes the Permittee to proceed with the construction of a surface water management system in accordance with the information outlined herein and shown by the application, approved drawings, plans, specifications, and other documents, attached hereto and kept on file at the Southwest Florida Water Management District (District). Unless otherwise stated by permit specific condition, permit issuance constitutes certification of compliance with state water quality standards under Section 401 of the Clean Water Act, 33 U.S.C. 1341. All construction, operation and maintenance of the surface water management system authorized by this permit shall occur in compliance with Florida Statutes and Administrative Code and the conditions of this permit.

PROJECT NAME: St. Pete-Clearwater Airport (PIE) - Strawberry Lot Expansion

GRANTED TO: St. Pete-Clearwater International Airport
Attn: Scott Yarley, P.E.
14700 Terminal Blvd., Suite 221
Clearwater, FL 33762

OTHER PERMITTEES: N/A

ABSTRACT: This permit authorization is for the modification of a stormwater management system approved under Environmental Resource Permit (ERP) No. 43001557.069, serving a 15.0-acre airport project. The proposed activities include:

1. Paving of the existing gravel parking lot and expansion of the parking lot.

2. The existing perimeter treatment swale and wet detention pond will be expanded.

3. Modification of the existing outfall control structure.

This Permit Modification No. 43001557.082, amends the previously issued Permit No. 43001557.069, and adds conditions. All other original permit conditions remain in effect.

This project proposes a 4.0-acre expansion of an existing parking lot. Currently the site includes the parking lot, maintenance facility, and shared wet pond which discharges into a rock-lined channel. The channel drains to dual 48-inch pipes which convey runoff to the tidally-influenced Cross Bayou Canal and eventually to Old Tampa Bay.

The existing pond will no longer be associated with the previous permit revision, but will now be tracked under this modification, Permit No. 43001557.082, for operation and maintenance tracking and re-certification requirements.

OP. & MAIN. ENTITY:	St. Pete-Clearwater International Airport
OTHER OP. & MAIN. ENTITY:	N/A
COUNTY:	Pinellas
SEC/TWP/RGE:	S03/T30S/R16E, S33/T29S/R16E, S04/T30S/R16E, S34/T29S/R16E
TOTAL ACRES OWNED OR UNDER CONTROL:	1100.00
PROJECT SIZE:	15.00 Acres
LAND USE:	Government
DATE APPLICATION FILED:	January 17, 2023
AMENDED DATE:	N/A

I. Water Quantity/Quality

POND No.	Area Acres @ Top of Bank	Treatment Type
Expanded Pond	3.77	MAN-MADE WET DETENTION
	Total: **3.77**	

Water Quantity/Quality Comments:

The expanded pond will provide treatment for runoff from the paved and expanded parking lot via wet detention. The project discharges to Cross Bayou Canal (WBID 1625) which does not attain standards for dissolved oxygen; therefore, water quality certification is waived as a condition of this permit. The nutrient loading analysis demonstrates that the design meets Pinellas County's criterion for the specified load reduction and the discharge limitation of 90% of pre-development loading, which exceeds net improvement. To reduce the potential for wading bird habitat, the 2:1 side slopes below the seasonal high water level will be lined with rip rap. The pond control structure has been designed to limit the post-development peak discharge rate to the pre-development peak discharge rate for the 25-year, 24-hour storm event. All elevations reference NAVD 88 vertical datum.

A mixing zone is not required.
A variance is not required.

II. 100-Year Floodplain

Encroachment (Acre-Feet of fill)	Compensation (Acre-Feet of excavation)	Compensation Type	Encroachment Result* (feet)
0.00	0.00	No Encroachment	N/A

Floodplain Comments:

The project proposes no fill placement within a known 100-year riverine floodplain or depression storage areas associated with 100-year riverine floodplain.

*Depth of change in flood stage (level) over existing receiving water stage resulting from floodplain encroachment caused by a project that claims Minimal Impact type of compensation.

III. Environmental Considerations

No wetlands or other surface waters exist within the project area.

Specific Conditions

1. If the ownership of the project area covered by the subject permit is divided, with someone other than the Permittee becoming the owner of part of the project area, this permit may be terminated, unless the terms of the permit are modified by the District or the permit is transferred pursuant to Rule 40D-1.6105, F.A.C. In such situations, each land owner shall obtain a permit (which may be a modification of this permit) for the land owned by that person. This condition shall not apply to the division and sale of lots or units in residential subdivisions or condominiums.
2. The Permittee shall retain the design professional registered or licensed in Florida, to conduct on-site observations of construction and assist with the as-built certification requirements of this project. The Permittee shall inform the District in writing of the name, address and phone number of the design professional so employed. This information shall be submitted prior to construction.
3. This Permit Modification No. 43001557.082, amends the previously issued Permit No. 43001557.069, deletes Condition No. 9, and adds conditions. All other original permit conditions remain in effect.
4. Certification of compliance with state water quality standards under Section 401 of the Clean Water Act, 33 U.S.C. 1341 is waived.
5. If limestone bedrock is encountered during construction of the stormwater management system, the District must be notified and construction in the affected area shall cease.
6. The Permittee shall notify the District of any sinkhole development in the stormwater management system within 48 hours of discovery and must submit a detailed sinkhole evaluation and repair plan for approval by the District within 30 days of discovery.
7. The Permitted Plan Set for this project includes: the set received by the District on March 23, 2023.
8. The operation and maintenance entity shall provide for the inspection of the permitted project after conversion of the permit to the operation and maintenance phase. For systems utilizing retention or wet detention, the inspections shall be performed five (5) years after operation is authorized and every five (5) years thereafter.

   The operation and maintenance entity must maintain a record of each inspection, including the date of inspection, the name and contact information of the inspector, whether the system was functioning as designed and permitted, and make such record available upon request of the District.

   Within 30 days of any failure of a stormwater management system or deviation from the permit, an inspection report shall be submitted using Form 62-330.311(1), “Operation and Maintenance Inspection Certification” describing the remedial actions taken to resolve the failure or deviation.
9. District staff must be notified in advance of any proposed construction dewatering. If the dewatering activity is likely to result in offsite discharge or sediment transport into wetlands or surface waters, a written dewatering plan must either have been submitted and approved with the permit application or submitted to the District as a permit prior to the dewatering event as a permit modification. A water use permit may be required prior to any use exceeding the thresholds in Chapter 40D-2, F.A.C.
10. Off-site discharges during construction and development shall be made only through the facilities authorized by this permit. Water discharged from the project shall be through structures having a mechanism suitable for regulating upstream stages. Stages may be subject to operating schedules satisfactory to the District.
11. The permittee shall complete construction of all aspects of the stormwater management system, including wetland compensation (grading, mulching, planting), water quality treatment features, and discharge control facilities prior to beneficial occupancy or use of the development being served by this system.
12. The following shall be properly abandoned and/or removed in accordance with the applicable regulations:

    a. Any existing wells in the path of construction shall be properly plugged and abandoned by a licensed well contractor.

b. Any existing septic tanks on site shall be abandoned at the beginning of construction.

c. Any existing fuel storage tanks and fuel pumps shall be removed at the beginning of construction.

13. All stormwater management systems shall be operated to conserve water in order to maintain environmental quality and resource protection; to increase the efficiency of transport, application and use; to decrease waste; to minimize unnatural runoff from the property and to minimize dewatering of offsite property.

14. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the occupation of the site or operation of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of that phase or portion of the system to a local government or other responsible entity.

15. This permit is valid only for the specific processes, operations and designs indicated on the approved drawings or exhibits submitted in support of the permit application. Any substantial deviation from the approved drawings, exhibits, specifications or permit conditions, including construction within the total land area but outside the approved project area(s), may constitute grounds for revocation or enforcement action by the District, unless a modification has been applied for and approved. Examples of substantial deviations include excavation of ponds, ditches or sump areas deeper than shown on the approved plans.

16. This permit does not authorize the Permittee to cause any adverse impact to or "take" of state listed species and other regulated species of fish and wildlife. Compliance with state laws regulating the take of fish and wildlife is the responsibility of the owner or applicant associated with this project. Please refer to Chapter 68A-27 of the Florida Administrative Code for a list of fish and wildlife species and for definitions of “take” as it relates to airports, refer to Chapter 68A-9.012 F.A.C. If listed species are observed onsite, FWC staff are available to provide decision support information or assist in obtaining the appropriate FWC permits. Most marine endangered and threatened species are statutorily protected and a "take" permit cannot be issued. Requests for further information or review can be sent to FWCConservationPlanningServices@MyFWC.com

GENERAL CONDITIONS

1. The general conditions attached hereto as Exhibit "A” are hereby incorporated into this permit by reference and the Permittee shall comply with them.

David Kramer, P.E.

Authorized Signature

EXHIBIT A

GENERAL CONDITIONS:

1 The following general conditions are binding on all individual permits issued under this chapter, except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate, project-specific conditions.

a. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C., or the permit may be revoked and the permittee may be subject to enforcement action.

b. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.

c. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the *State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation June 2007)*, and the *Florida Stormwater Erosion and Sedimentation Control Inspector's Manual (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008)*, which are both incorporated by reference in subparagraph 62-330.050(8)(b)5, F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.

d. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice,"[effective date], incorporated by reference herein (<http://www.flrules.org/Gateway/reference.asp?No=Ref-02505>), indicating the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5),F.A.C. However, for activities involving more than one acre of construction that also require a NPDES stormwater construction general permit, submittal of the Notice of Intent to Use Generic Permit for Stormwater Discharge from Large and Small Construction Activities, DEP Form 62-621.300(4)(b), shall also serve as notice of commencement of construction under this chapter and, in such a case, submittal of Form 62-330.350(1) is not required.

e. Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.

f. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:

1. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex - "Construction Completion and Inspection Certification for Activities Associated with a Private Single-Family Dwelling Unit" [Form 62-330.310(3)]; or

2. For all other activities - "As-Built Certification and Request for Conversion to Operation Phase" [Form 62-330.310(1)].

3. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.

g. If the final operation and maintenance entity is a third party:

1. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as- built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.4 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.

2. Within 30 days of submittal of the as- built certification, the permittee shall submit "Request for Transfer of Environmental Resource Permit to the Perpetual Operation and Maintenance Entity" [Form 62-330.310 (2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.

h. The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.

i. This permit does not:

1. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;

2. Convey to the permittee or create in the permittee any interest in real property;

3. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or

4. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.

j. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.

k. The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.

l. The permittee shall notify the Agency in writing:

1. Immediately if any previously submitted information is discovered to be inaccurate; and

2. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.

m. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.

n. If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, work involving

subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and notification shall be provided in accordance with Section 872.05, F.S. (2012).

o. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.

p. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.

q. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.

r. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with Rule 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.

2. In addition to those general conditions in subsection (1) above, the Agency shall impose any additional project-specific special conditions necessary to assure the permitted activities will not be harmful to the water resources, as set forth in Rules 62-330.301 and 62-330.302, F.A.C., Volumes I and II, as applicable, and the rules incorporated by reference in this chapter.

SOUTHWEST FLORIDA
WATER MANAGEMENT DISTRICT

NOTICE OF
AUTHORIZATION
TO COMMENCE CONSTRUCTION

St. Pete-Clearwater Airport (PIE) - Strawberry Lot Expansion
PROJECT NAME

Government
PROJECT TYPE

Pinellas
COUNTY

S03/T30S/R16E...
See Permit for additional STR listings
SEC(S)/TWP(S)/RGE(S)

St. Pete-Clearwater International Airport
PERMITTEE

APPLICATION ID/PERMIT NO: 863176 / 43001557.082
DATE ISSUED: April 17, 2023

David Kramer, P.E.
Issuing Authority

THIS NOTICE SHOULD BE CONSPICUOUSLY DISPLAYED AT THE SITE OF THE WORK

Notice of Rights

ADMINISTRATIVE HEARING

1. You or any person whose substantial interests are or may be affected by the District's intended or proposed action may request an administrative hearing on that action by filing a written petition in accordance with Sections 120.569 and 120.57, Florida Statutes (F.S.), Uniform Rules of Procedure Chapter 28-106, Florida Administrative Code (F.A.C.) and District Rule 40D-1.1010, F.A.C. Unless otherwise provided by law, a petition for administrative hearing must be filed with (received by) the District within 21 days of receipt of written notice of agency action. "Written notice" means either actual written notice, or newspaper publication of notice, that the District has taken or intends to take agency action. "Receipt of written notice" is deemed to be the fifth day after the date on which actual notice is deposited in the United States mail, if notice is mailed to you, or the date that actual notice is issued, if sent to you by electronic mail or delivered to you, or the date that notice is published in a newspaper, for those persons to whom the District does not provide actual notice.

2. Pursuant to Subsection 373.427(2)(c), F.S., for notices of intended or proposed agency action on a consolidated application for an environmental resource permit and use of state-owned submerged lands concurrently reviewed by the District, a petition for administrative hearing must be filed with (received by) the District within 14 days of receipt of written notice.

3. Pursuant to Rule 62-532.430, F.A.C., for notices of intent to deny a well construction permit, a petition for administrative hearing must be filed with (received by) the District within 30 days of receipt of written notice of intent to deny.

4. Any person who receives written notice of an agency decision and who fails to file a written request for a hearing within 21 days of receipt or other period as required by law waives the right to request a hearing on such matters.

5. Mediation pursuant to Section 120.573, F.S., to settle an administrative dispute regarding District intended or proposed action is not available prior to the filing of a petition for hearing.

6. A request or petition for administrative hearing must comply with the requirements set forth in Chapter 28-106, F.A.C. A request or petition for a hearing must: (1) explain how the substantial interests of each person requesting the hearing will be affected by the District's intended action or proposed action, (2) state all material facts disputed by the person requesting the hearing or state that there are no material facts in dispute, and (3) otherwise comply with Rules 28-106.201 and 28-106.301, F.A.C. Chapter 28-106, F.A.C. can be viewed at www.flrules.org or at the District's website at www.WaterMatters.org/permits/rules.

7. A petition for administrative hearing is deemed filed upon receipt of the complete petition by the District Agency Clerk at the District's Tampa Service Office during normal business hours, which are 8:00 a.m. to 5:00 p.m., Monday through Friday, excluding District holidays. Filings with the District Agency Clerk may be made by mail, hand-delivery or facsimile transfer (fax). The District does not accept petitions for administrative hearing by electronic mail. Mailed filings must be addressed to, and hand-delivered filings must be delivered to, the Agency Clerk, Southwest Florida Water Management District, 7601 Highway 301 North,Tampa,FL 33637-6759. Faxed filings must be transmitted to the District Agency Clerk at (813) 367-9776. Any petition not received during normal business hours shall be filed as of 8:00 a.m. on the next business day. The District's acceptance of faxed petitions for filing is subject to certain conditions set forth in the District's Statement of Agency Organization and Operation, available for viewing at www.WaterMatters.org/about.

JUDICIAL REVIEW

1. Pursuant to Sections 120.60(3) and 120.68, F.S., a party who is adversely affected by District action may seek judicial review of the District's action. Judicial review shall be sought in the Fifth District Court of Appeal or in the appellate district where a party resides or as otherwise provided by law.

2. All proceedings shall be instituted by filing an original notice of appeal with the District Agency Clerk within 30 days after the rendition of the order being appealed, and a copy of the notice of appeal, accompanied by any filing fees prescribed by law, with the clerk of the court, in accordance with Rules 9.110 and 9.190 of the Florida Rules of Appellate Procedure (Fla. R. App. P.). Pursuant to Fla. R. App. P. 9.020(h), an order is rendered when a signed written order is filed with the clerk of the lower tribunal.

EXHIBIT K – PERMITS

PERMIT INDEX

AGENCY	PERMIT NO.	PAGE NO. (s)

Florida Statutes 218.80 require the County to disclose to the Contractor which permits and fees will have to be obtained and payable by the Contractor and the amounts of the permits

Applicable permits will be determined during Phase 1 of the project. Design Builder will be responsible for submitting, making payment, and obtaining all environmental and building permits required to complete this project. Associated costs will be included in Phase 2 scope and fee.

EXHIBIT L - PHASE 1 AND PHASE 2 PROJECT DESIGN MILESTONES AND DELIVERABLES

PHASE 1

Project Design Milestones and

Deliverables Programming Services - 30 Days

Submittals:

- Presentation of results of user interviews and building program update
- Building functions and unique activities
- Identify and describe space requirements for each room/function and their associated adjacencies
- General description outlining site, structural, mechanical, plumbing, electrical and specialty requirements
- Identification of all facilities to be served by chilled water piping distribution
- Statement of Constructability to include analysis of costs, materials selections and cost options

Project Schedule: Updated Project Schedule

Project Cost Estimate: Estimate Summary and Cost Options

Schematic Design - 42 Days

Drawings: 3 Preliminary Conceptual Design Plans

Architectural	Life Safety Plan(s)
	Floor Plan(s)
	Exterior Elevations (min of 4)
	Building Sections
Civil	Site Plan indicating proposed building location and site improvements Site Plans single-line drawings indicating piping distribution layout to all proposed facilities to be served.
HVAC	Floor Plan(s) single-line drawings indicating locations of all major equipment, air distributions and devices, piping runs/chases, control zones, preliminary equipment schedule and power requirements
Plumbing	Floor Plan(s) single-line drawings indicating fixture locations, piping routes and sizes, equipment schedule and cut sheets
Electrical	Floor Plan(s) indicating location and sizes of electrical, telephone/data and specialty equipment
	Preliminary systems diagrams

EXHIBIT L - PHASE 1 AND PHASE 2 PROJECT DESIGN MILESTONES AND DELIVERABLES

Project Schedule: Updated Project Schedule

Project Cost Estimate: Estimate Summary and Cost Options

Design Development - 77 Days

Drawings:

Architectural	Life Safety Plan(s)
	Site Plan
Floor Plan(s)	Exterior Elevations
	Building Sections and Details
	Roof Plan
	Reflected Ceiling Plan
	Interior Elevations
	Schedules – Room Finish, Door, Window, Hardware, & Equipment/Fixture
Civil	Location Plan
	Existing Site Plan
	Site Plan
	Grading and Drainage Plan
	Utilities Plan
	Site Plans - piping distribution layout to all proposed facilities to be served.
Structural	Foundation Plan
	Framing Plans
	Elevations
	Exterior Elevations
	Sections and Details
HVAC	Floor Plan(s) single-line drawings indicating locations of all equipment, air distributions, devices, air quantities for each room piping runs/chases and control zones
	Equipment Schedules
Plumbing	Floor Plan(s) single-line drawings indicating fixture locations, piping routes and sizes
	Fixture Schedules
	Riser Diagrams
Electrical	Floor Plan(s) indicating location and sizes of electrical, telephone/data and specialty equipment
	Site Plan indicating existing and proposed underground routing and structures
	Lighting Plan
	Power Plan
	Specialty Area Layout/Plan
	Telephone/Data Plan
	Systems Riser Diagrams
	Equipment and Fixture Schedules

EXHIBIT L - PHASE 1 AND PHASE 2 PROJECT DESIGN MILESTONES AND DELIVERABLES

Specifications:	Outline specifications in CSI Format of only those materials and equipment used in the Project
Submittals:	Cut sheets of all proposed equipment and materials that will be the basis for design including a description of the conceptual approach to all major engineering systems
Design Calculations	(references, codes and design data used)
Project Schedule:	Updated Project Schedule
Project Cost Estimate:	Estimate Summary and Cost Options

Construction Documents (50% Completion) – 70 Days

Drawings:

Architectural	Cover Sheet indicating name of projects, list of drawings, location map, County logo, County Project Number, Design/Builder and Design Professional(s) name, address and telephone number
Life Safety Plan(s)	Site Plan
	Floor Plan(s)
	Enlarged Floor Plans
	Exterior Elevations
	Building Sections and Details
	Roof Plan
	Reflected Ceiling Plan
	Interior Elevations
	Schedules – Room Finish, Door, Window, Hardware, & Equipment/Fixture
Civil Location Plan	Existing Site and Demolition Plan
	Site Plan with all layout dimensions and elevations
	Grading and Storm Drainage Plan
	Utilities Plan
	Site Plans - piping distribution layout to all proposed facilities to be served.
Structural	Foundation Plan
	Framing Plans
	Elevations
	Exterior Elevations
	Sections and Details
	Schedules
HVAC	Floor Plan(s) double-line drawings indicating locations of all equipment, air distributions, devices, air quantities for each room, piping runs and chases Control Diagrams, sequence of operations, control point list and control system electrical requirements
	Equipment Schedules
Plumbing	Floor Plan(s) single-line drawings indicating fixture locations, piping Routes and sizes
	Riser & Isometric Diagrams
	Fixture Schedules
Electrical	Floor Plans indicating location and sizes of electrical, telephone/data and specialty equipment

EXHIBIT L - PHASE 1 AND PHASE 2 PROJECT DESIGN MILESTONES AND DELIVERABLES

	Lighting Plan
	Power Plan
	Specialty Area Layout/Plan
	Telephone/Data Plan
	Systems Riser Diagrams
	Equipment and Fixture Schedules
Specifications:	Complete specifications in CSI Format of only those materials and equipment used in the Project

Lump Sum Cost Estimate – 45 Days

Design Build Proposal – 45 Days after 50% CD Milestone

Project Schedule:	Updated Project Schedule
Project Cost Statement:	Final Project Cost Statement

EXHIBIT L - PHASE 1 AND PHASE 2 PROJECT DESIGN MILESTONES AND DELIVERABLES

PHASE 2

Project Design Milestones and Deliverables

Drawings:	
Architectural	Cover Sheet indicating name of projects, list of drawings, location map, County logo, County Project Number, Design/Builder and Design Professional(s) name, address and telephone number Life Safety Plan(s)
	Site Plan
	Floor Plan(s)
	Enlarged Floor Plans
	Exterior Elevations
	Building Sections and Details
	Roof Plan
	Reflected Ceiling Plan(s)
	Interior Elevations
	Schedules – Room Finish, Door, Window, Hardware, & Equipment /Fixture
Civil	Location Plan
	Existing Site Plan
	Site Plan with layout dimensions and elevations
	Grading and Drainage Plan
	Utilities Plan
	Sections & Details
	Site Plans - piping distribution layout to all proposed facilities to be served.
Structural	Foundation Plan
	Framing Plans
	Elevations
	Exterior Elevations
	Sections and Details
	Schedules
HVAC	Floor Plan(s) double-line drawings indicating locations of all equipment, air distributions, devices, air quantities for each room, piping runs and chases Control Diagrams, sequence of operations, control point list and control system electrical requirements
	Equipment Schedules
	Enlarged Plans and Details
Plumbing	Floor Plan(s) single-line drawings indicating fixture locations, piping Routes and sizes
	Riser & Isometric Diagrams
	Fixture Schedules
	Enlarged Plans and Details
Electrical	Floor Plans indicating location and sizes of electrical, telephone/data and specialty equipment.
	Site Plan indicating existing and proposed underground routing and structures.

EXHIBIT L - PHASE 1 AND PHASE 2 PROJECT DESIGN MILESTONES AND DELIVERABLES

	Lighting Plan
	Power Plan
	Specialty Area Layout/Plan
	Telephone/Data Plan
	Systems Riser Diagrams
	Equipment and Fixture Schedules
	Enlarged Plans and Details
Specifications:	Complete specifications in CSI Format of only those materials and equipment used in the Project
Project Schedule:	Updated Project Schedule

Project Cost Statement: Final Project Cost Statement

EXHIBIT L - PHASE 1 AND PHASE 2 PROJECT DESIGN MILESTONES AND DELIVERABLES

DESIGN SERVICE REQUIREMENTS AS TO PHASE 1 AND PHASE 2

1. Design Builder's design documents shall be consistent with the Final Program at all phases of design unless expressly authorized otherwise in writing by Owner.
2. Design Builder shall submit to Owner design notes and computations to document the design conclusions reached during the development of the Project design as requested by Owner.
   A. The design notes and calculations shall include, but not be limited to, the following data:
      1) Design criteria used for the Project;
      2) Lighting calculations;
      3) Structural calculations;
      4) Drainage calculations;
      5) Acoustical calculations;
      6) HVAC calculations;
      7) Security and communications calculations;
      8) Calculations as required by provisions of the Florida Energy Conservation Standards Act (Department of Community Affairs), latest revision;
      9) Thermal Efficiency Standards (Florida Energy Efficiency Code for Building Construction, Department of Community Affairs, F.S. 552.900)
      10) Life Cycle Costs (Florida Administrative Code and F.S. 235.26)
      11) Calculations showing probable cost comparisons of various alternatives considered;
      12) Documentation of decisions reached resulting from meetings, telephone conversations or site visits; and
      13) Other Project related correspondence as appropriate.
3. All drawing documents for the Project shall be accurate, legible, complete in design, suitable for bidding purposes and in conformance to Owner's design guidelines. Documents shall be furnished in accordance with the Design Schedule.
4. Owner in no way obligates itself to check Design Builder's work, and further, is not responsible for maintaining the Design Schedule.
5. Owner's approval or acceptance of any service in any phase does not relieve Design Builder of any of its duties, obligations or responsibilities under the Agreement.
6. Design Builder will establish a Project budget with the Owner during Phase1. Once the budget has been established and agreed to by both the Owner and Design Builder, Design Builder will continue to maintain same through the end of Phase 1. The final lump sum price included in the proposal at the end of Phase 1 will be at or lower than the budget established in the earlier stages of Phase 1. Design Builder warrants that all professional services to be provided by it under the Agreement shall be in accordance with the terms and conditions set forth in the Agreement and the design of the Project shall be accomplished so that the total Project cost to Owner does not exceed the above noted Owner's budget. Notwithstanding anything herein to the contrary, Design Builder shall revise and modify the Construction Documents and rebid the Work at no additional cost to Owner, if subcontract bids from responsive and responsible bidders exceed Owner's Project budget, as said budget may be modified by Owner, as provided for herein. All such revisions and modifications of the Construction Documents shall be subject to the review and approval of Owner.

EXHIBIT M - DESIGN PROFESSIONAL, ENGINEERS, & CONTRACTOR

_____ : Contractor

_____, Florida _____

_____: General Contractor

_____, Florida _____

_____: Mechanical Contractor

_____, Florida _____

_____: Design Professional

_____, Florida _____

_____: Civil & Environmental Engineering

_____. Florida _____

_____: Structural Engineering

_____, Florida _____

_____: Mechanical, Electrical, Plumbing, & Fire Protection Engineering

_____, Florida _____

_____: Other

_____, Florida _____

EXHIBIT N - LUMP SUM AMENDMENT AGREEMENT FORM

Pursuant to Sections 3B and 5A of the Design Build Agreement, dated _____, between Pinellas County, Florida ("Owner") and "Design Builder"), for the design and construction of the ("Project"), Owner and Design Builder establish the Lump Sum Price and Contract Time for all the Work as set forth below:

ARTICLE 1

SCOPE OF WORK

The scope of the Work consists of the design and construction of the Project in accordance with the Agreement, this Amendment and other Contract Documents listed as Attachments 1 through 6 below, which are hereby incorporated into and made a part of the Amendment by this reference:

Attachment Number	Description	Pages	Dated
1.	List of Drawings and Specifications	____through ____	_____
2.	Schedule of Values	____through ____	_____
3.	Clarifications, & Exclusions	____through ____	_____
4.	Completion Schedule	____through ____	_____
5.	List of Subcontractors and Major Suppliers	____through ____	_____
6.	Allowances	____through ____	_____

EXHIBIT N - LUMP SUM AMENDMENT AGREEMENT FORM

DIRECT PURCHASES

The Owner, at its sole discretion, may elect to directly purchase materials and/or equipment included in the Guaranteed Maximum Price in order to take advantage of tax savings. Should the Owner elect to purchase materials and/or equipment directly, the general procedure shall be as follows:

1. All subcontracts shall be competitively bid by the Design Builder as outlined in other sections of this Agreement.
2. Each selected subcontractor shall submit a documented list of materials and/or equipment in the scope of its work in excess of \$15,000 along with the amount of sales tax applicable to such material and/or equipment.
3. The Design Builder shall forward these lists to the Owner, and the Owner shall obtain a purchase order for each item.
4. Once purchase orders have been obtained by the Owner for direct payment of these items, the Design Builder shall remove their direct cost from the schedule of Values accompanying its monthly pay applications. Tax savings realized from the Owner's direct purchase of each item, shall be transferred in the Schedule of Values to the line item for the Owner's Contingency. No retainage will be held on Direct Purchase material.
5. The Design Builder will order the materials as approved by the Owner (County Project Manager).
6. Invoices will be delivered directly to the Design Builder.
7. The Design Builder and the Owner will sign off on the packing slips to ensure materials ordered were received.

Design Builder will match the invoices to the packing slips and submit to the Owner (Pinellas County's Finance Department) via email to ClerkConstructionAP@MyPinellasClerk.org to ensure the vendor/subcontractor is paid timely. The invoices must be received in a timely manner in order to comply with Section 218.735, Florida Statutes "Local Government Prompt Payment Act". Design Builder should date and time stamp all direct purchases invoices

EXHIBIT N - LUMP SUM AMENDMENT AGREEMENT FORM

ARTICLE 2

LUMP SUM PRICE

1. The Lump Sum Price for the Work, as defined in Section 3B of the Agreement, is _____ Dollars ($_____).
2. Monthly installment payment of the Lump Sum Price shall be based upon the percent completion of the designated portion of the Work for each particular month.
3. In order to efficiently and timely address certain Change Order situations that may arise during Phase 2, the parties have agreed to establish an Owner controlled contingency within the Lump Sum Price in the amount of _____ ($_____) ("Owner's Contingency"). The Design Builder acknowledges and agrees that any change work which is to be charged against the Owner's Contingency must be approved in advance in a Change Order or Construction Change Directive signed by _____. The Owner reserves the right, at its sole discretion, to withhold its consent on Owner's Contingency expenditures. Unused Owner's Contingency remaining at Substantial Completion will be deducted from the Lump Sum Price. Design Builder has no entitlement to any portion of any unused Owner's Contingency.
4. If the parties agree to establish Allowances within the Lump Sum Price, said Allowances items and amounts will be identified in Attachment 6. Design Builder shall not proceed with any portion of the Work associated with the aforesaid Allowances ("Allowance Work") without first obtaining Owner's express written authorization to proceed with said Allowance Work.
5. Design Builder recognizes that this Contract includes work for trench excavation in excess of five feet deep. Design Builder acknowledges the requirements set forth in Section 553.63 of the Florida Statutes titled Trench Safety Act. Design Builder certifies that the required trench safety standards will be in effect during the period of construction of the Project and Design Builder agrees to comply with all such required trench safety standards.
    A. The amount of _____ dollars ($_____) has been separately identified in Attachment 2, Schedule of Values, for the cost of compliance with the required trench safety standards; said amount is included within the Lump Sum Price.

EXHIBIT N - LUMP SUM AMENDMENT AGREEMENT FORM

ARTICLE 3

CONTRACT TIME

1. The Phase 2 Commencement Date for the Work is _____. The total period of time beginning with the Phase 2 Commencement Date through the date required for Substantial Completion of the Work is _____ days ("Contract Time"). THE SUBSTANTIAL COMPLETION DATE IS THEREFORE ESTABLISHED AS _____.
2. Pursuant to this Agreement, the parties have established a liquidated damage rate for reasons stated therein, which the parties acknowledge and agree apply to this Amendment and Design Builder's responsibility to complete the Work within the Contract Time as stated herein. Accordingly, the liquidated damage rate established in this Agreement shall be assessed from Design Builder for each calendar day Design Builder fails to achieve Substantial Completion for the Designated Work within the Contract Time.

ARTICLE 4

MISCELLANEOUS

1. Except as expressly modified herein, the terms and conditions of the Agreement remain unchanged. In the event of a conflict between the terms of this Amendment and those of the Agreement, Owner and Design Builder agree that the terms of this Amendment shall prevail and control.

Owner	Design Builder
By: _____	By: _____
Print Name: _____	Print Name: _____
Its: _____	Its: _____
Date: _____	Date: _____

ATTACHMENT 1

Attachment 1 - List of Drawings, Specifications, and Addendums

(See Attached)

ATTACHMENT 2

Attachment 2 - Schedule of Values

(See Attached)

ATTACHMENT 3

Attachment 3 - Assumptions, Clarifications, & Exclusions

(See Attached)

ATTACHMENT 4

Attachment 4 - Completion Schedule

(See Attached)

ATTACHMENT 5

Attachment 5 - List of Subcontractors and Major Suppliers

(See Attached)

ATTACHMENT 6

Attachment 6 -Allowances

(See Attached)

EXHIBIT O - SCOPE OF SERVICES

SCOPE OF PHASE 1 SERVICES

1. DESCRIPTION OF PROJECT:

1.1 This Project is located at the St. Pete-Clearwater International Airport, in Clearwater, Florida.

1.2 This Project consists of the design and construction of a 2000 space parking garage at the e isting Strawberry Parking Lot..

2. PROGRAM VERIFICATION:

2.1 Design Services: Design Builder shall, consistent with applicable state licensing laws, provide design services, including architectural, engineering and other design professional services, required by this Agreement. Such design services shall be provided through qualified, licensed design professionals who are either (i) employed by Design Builder, or (ii) procured by Design Builder from independent sources. Nothing in this Agreement is intended to create any legal or contractual relationship between Owner and any independent design professional.

2.2 Owner shall provide Design Builder with Owner's Project Criteria describing Owner's program requirements and objectives for the Project. Owner's Project Criteria shall include Owner's use, space, price, time, site, performance and expandability requirements. Owner's Project Criteria may include conceptual documents, design criteria, performance requirements and other technical materials and requirements prepared by or for Owner. Design Builder shall review and prepare a written evaluation of such criteria, including recommendations to Owner for different and innovative approaches to the design and construction of the Project. The parties shall meet to discuss Design Builder's written evaluation of Owner's Project Criteria. Design Builder shall continue at Owner's direction until a detailed Final Program has been completed and has been approved by the Owner.

2.3 Design Builder shall review the Owner's budget and any applicable cost estimates as compared to the Owner's Design Criteria Package and the Final Program. The Design Builder shall confirm in writing to the Owner whether the Project can be designed and successfully constructed within the limits of the Owner's budget and program constraints.

2.4 Design Builder shall submit a presentation of results of user interviews and building program update, including the following: description of building functions and unique activities

3. SCHEMATIC DESIGN:

3.1 Design Builder shall prepare three (3) Preliminary Conceptual Design Plans. The Schematic Design Documents will be based upon the Final Program. The Schematic Design Documents shall include design criteria, drawings, diagrams and specifications setting forth the requirements of the Project. The parties shall meet to discuss the Schematic Design Documents and agree upon what revisions, if any, should be made. Owner shall have final approval of such revisions, and Design Builder shall perform such revisions. Design Builder shall meet with Owner during Schematic Design as often as required until a Final Schematic Design has been completed and has been approved by the Owner. Design Builder shall certify that the Final Schematic Design totally complies with the Final Program except for such deviations that expressly have been brought to the Owner's attention and approved by Owner in writing. Design Builder shall prepare and include a statement with comments concerning constructability of the project and a cost estimate for construction in the Final Schematic Design.

3.2 Owner's acceptance of Schematic Design Documents in no way relieves Design Builder of its obligation to deliver complete and accurate documents necessary for successful construction of this Project.

3.3 Design Builder shall work with the Project Manager and other Users of the Project to meet design requirements and identify the areas within the facility design which offer the greatest potential for the elimination of unnecessary costs. The requirements of the Final Program shall not be eliminated as value engineering items, except with the Owner's express written approval.

3.4 Design Builder shall conduct a pre-submittal document review meeting with the Owner's Project Manager prior to submission of the Schematic Design Documents. Design Builder shall be required to conduct at least one formal presentation at completion of this phase to demonstrate how Owner's previously submitted comments have been incorporated into the design documents.

3.5 All Schematic Design Documents prepared by or for Design Builder are subject to Owner's review and approval. At completion of the Schematic Phase 1, Design Builder shall submit the Schematic Design Documents to the

Project Manager for review and comment. Design Builder shall respond in writing to the review comments within 14 calendar days of receipt. Responses shall be forwarded directly to the Owner's Project Manager who will respond within 14 days of receipt. Design Builder shall revise the Schematic Design Documents as required by Owner in order to obtain Owner's written approval and authorization to proceed to the Design Development Phase.

3.6 As part of Phase 1 Services, Design Builder will be required to provide Owner with a cost estimate as part of the Schematic Design Documents, together with a written explanation for all variances between that cost estimate and Owner's approved Project budget. The cost estimate format shall be subject to Owner's approval and may require electronic submission of cost estimate information. If Design Builder's cost estimate or any other estimate prepared by or for Owner based upon the Schematic Design Documents indicate that costs will exceed Owner's approved Project budget, Design Builder shall revise the Schematic Design Documents to bring them within Owner's approved Project budget. Design Builder shall be solely responsible for all costs and expenses which it may incur in revising the Schematic Design Documents to bring them within Owner's approved Project budget. Design Builder shall also provide Owner with an updated Project Schedule.

4. DESIGN DEVELOPMENT PHASE:

After Owner's review and approval of the Schematic Design Documents and issuance of Owner's written authorization to proceed, Design Builder shall commence the Design Development services and perform the following:

4.1 Design Builder shall prepare Design Development Documents based on the final Schematic Design as approved by the Owner in Section 3 hereof. Design Development Documents shall further develop Schematic Design to a level of definitiveness and detail to fix and describe the size and character of the various Project components and each Project discipline and system as may be appropriate for this state of development including long lead and special order materials and equipment, which will permit determination of whether the facility can be satisfactorily constructed in all task areas by all disciplines.

4.2 Design Builder shall continue developing the civil, architectural, structural, mechanical, electrical, security, plumbing, and other discipline's responsibilities to establish a final scope and details for that discipline's work.

4.3 Design Builder shall perform materials research and prepare specifications specific to project requirements in draft form.

4.4 Design Builder shall identify and properly coordinate the requirements of the various utility services that have an impact upon the project design. Drainage investigations and drainage designs shall be coordinated with storm water management district having jurisdiction on the site.

4.5 Design Builder shall evaluate alternative ideas in terms of their feasibility to construct, time, and cost. Design Builder shall work with the Owner's Project Manager and other users of the Project to meet design requirements and identify the areas within the facility design, which offer the greatest potential for the elimination of unnecessary costs.

4.6 The parties shall meet to discuss the Design Development Documents and agree upon what revisions, if any, should be made. Design Builder shall perform such agreed-upon revisions. Design Builder shall meet with Owner during Design Development as often as required until a final set of Design Development Document have been completed by Design Builder and approved by Owner. Design Builder shall prepare and include a statement with comments concerning constructability of the Project and a Project cost estimate, all based upon the final set of Owner approved Design Development documents.

4.7 Design Builder will develop selected alternative ideas in detail with emphasis on their technical durability, constructability and life cycle cost.

4.8 Design Builder's final Design Development Documents submittal and presentation shall include, but not be limited to, the requirements found in the Final Program, except to the extent such requirements have been expressly waived by Owner in writing. Design Builder shall certify that the final approval of Design Development Documents fully comply with the Final Program except for such deviations that have been expressly approved in writing by Owner.

4.9 Design Builder shall conduct a pre-submittal document review meeting with the Owner's Project Manager prior to submission of the Design Development Documents. Design Builder may be required, to conduct at least one presentation at completion of this phase to demonstrate how Owner's previously submitted comments were incorporated into the design documents.

4.10 All Design Development Documents prepared by or for Design Builder are subject to Owner's review and approval. At completion of the Design Development Phase, Design Builder shall submit the Design Development Documents to the Project Manager for review and comment. Design Builder shall respond in writing to the review comments within 14 calendar days of receipt. Responses shall be forwarded directly to the Owner's Project Manager who will respond within 14 days. Design Builder shall revise the Design Development Documents as required by Owner in order to obtain Owner's written approval and authorization to proceed to the Construction Documents Phase.

4.11 As part of Phase 1 Services, Design Builder will be required to further develop and update the cost estimate as part of the Design Development Documents and bring to Owner's attention in writing any variances between that updated cost estimate and Owner's approved Project budget. Cost estimate format shall be subject to Owner's approval and may require electronic submission of cost estimate information. If Design Builder's updated cost estimate or any other estimate prepared by or for Owner based upon the Design Development Documents indicate that costs will exceed Owner's approved Project budget, Owner may elect to modify its budget and/or require Design Builder to revise the Design Development Documents to bring them within Owner's approved Project budget. Design Builder shall be solely responsible for all costs and expenses which it may incur in revising the Design Development Documents to bring them within Owner's approved Project budget. Design Builder shall also update the Project Schedule.

5. CONSTRUCTION DOCUMENTS:

After Owner's review and approval of the Design Development Documents and issuance of Owner's written authorization to proceed, Design Builder shall commence the Construction Documents services and perform the following:

5.1 Design Builder shall prepare Construction Documents up to a 50% completion level based on the final Design Development Documents approved by the Owner in Section 4 hereof. Construction Documents shall include calculations and shall set forth each discipline's requirements in detail and into a cohesive and coordinated whole based upon the approved Design Development Documents, the Final Program and consultation with the Owner. The parties shall meet to discuss the 50% complete Construction Documents and agree upon what revisions, if any, should be made. Design Builder shall perform such agreed-upon revisions. Design Builder shall meet with Owner during Construction Documents as often as required until 50% complete Construction Documents have been approved by the Owner. The 50% complete Construction Documents will include 90% complete specifications in CSI format.

5.2 Proposal. Based on the 50% complete Construction Documents approved by the Owner in Section 5.1 hereof, and any other documents upon which the parties may agree, Design Builder shall submit a proposal to Owner (the "Proposal") within forty-five (45) days, which shall include the following unless the parties mutually agree otherwise:

1) a proposed Lump Sum Price for completion of the construction documents, all permitting, and construction of the Project.

2) an updated Project Schedule and date of Substantial Completion of the Project upon which the Lump Sum Price for the Project is based;

3) all other information necessary for the parties to enter into Phase 2, with the accompanying General Conditions of Contract; and

5.3 Review of Proposal. Design Builder and Owner shall meet to discuss and review the Proposal. If Owner has any comments regarding the Proposal or finds any inconsistencies or inaccuracies in the information presented, it shall give written notice to Design Builder of such comments or findings. If Design Builder finds the revisions acceptable, Design Builder shall, upon receipt of Owner's notice, adjust the Proposal.

5.4 At the completion of the 50% Construction Documents, Design Builder will provide a certification from itself and its Design Professional 1) that the Construction Documents reflect a structure, including the roof structure, that has been designed in strict compliance with the latest jurisdictional codes and 2) that the Construction Documents comply with the Final Program except for such deviations that have been expressly approved in writing by Owner.

5.5 Completion of This Phase of the Agreement. Design Builder's services under this Phase 1 of the Agreement shall be deemed completed upon meeting with Owner to discuss the Proposal and making those revisions to the Proposal, if any, Design Builder finds acceptable.

EXHIBIT P - SCOPE OF PHASE 2 SERVICES

After Owner's review and approval of the 50% Construction Documents and upon the Parties' ability to reach agreement as to the Proposal evidenced by the Parties' execution of the Notice to Proceed, and Owner's written authorization to proceed, Design Builder shall provide the following:

1. COMPLETION OF CONSTRUCTION DOCUMENTS

1.1 Design-Builder shall prepare Construction Documents up to a 100% completion level based on the final 50% Construction Documents approved by the Owner in Section 5 hereof. Construction Documents shall include calculations and shall set forth each discipline's requirements in detail and into a cohesive and coordinated whole based upon the approved 50% Construction Documents, the Final Program and consultation with the Owner. The parties shall meet to discuss the 100% complete Construction Documents and agree upon what revisions, if any, should be made. Design Builder shall perform such agreed-upon revisions. Design Builder shall meet with Owner during completion of the Construction Documents as often as required until 100% complete Construction Documents have been approved by the Owner. The 100% complete Construction Documents will include 100% complete specifications in CSI format.

1.2 At the completion of the 100% Construction Documents, Design Builder will provide a certification of the structural standards to which the facility has been designed.

1.3 Design Builder shall furnish documents in type, format, version and quantities indicated in the Final Program. Design Builder shall provide Owner with reproducible copies of all design documents, including electronic copies if so required by the Owner.

2. BUILDING PERMIT PHASE

2.1 Design Builder is responsible for applying for and obtaining all necessary and required building permits and approvals for the Project.

2.2 As part of the building permit application package, the Design Builder shall provide the applicable building permit office with the number of complete sets of signed and sealed Construction Documents. Each of the drawings and the cover sheet of the Project Manual shall be signed, sealed, and dated by the Design Builder.

3. CONSTRUCTION

3.1 Design Builder shall provide the following services in addition to all other Phase 2 Services required by the terms of this Contract:

1) Prepare a list of required submittals for shop drawings, product data, samples, warrantees, and other submittals required by Contract Documents, in tabular form which will indicate specification section number and section name (CSI Format).

3.2 Process, review, respond and distribute in accordance with the terms of the Contract Documents shop drawings, product data, samples, substitutions and other submittals required by the Construction Documents within ten (10) business days.

3.3 Maintain a master file of all submittals, including submittal register. Owner's copy shall be in electronic/CD format and submitted at time of Substantial Completion.

3.4 Prepare, reproduce and distribute supplemental drawings, specifications and interpretations in response to requests for clarification by Owner or Subcontractors as required by construction exigencies. Design Builder's response to any such request must be received by Owner and the effected Subcontractor within ten (10) business days. Design Builder will review and respond to all submittals from Subcontractors, including but not limited to shop drawings, within a reasonable period of time so as not to delay the progress of the Work, but in no event, more than ten (10) business days, unless Owner expressly agrees otherwise in writing. Review of Design Builder's submittals by Owner is not conducted for the purpose of determining the accuracy and completeness of such submittals, such as dimensions and quantities, or for substantiating instructions for installation or performance of equipment or systems, all of which remain the responsibility of Design Builder as required by the Contract Documents. Owner's review shall not constitute approval of safety precautions or of any construction means, methods, techniques, sequences or procedures. Owner's approval of a specific item shall not indicate approval of an assembly of which the item is a component.

EXHIBIT P - SCOPE OF PHASE 2 SERVICES

3.5 Owner shall have authority to reject Work which does not conform to the Construction Documents. Whenever, in its reasonable opinion, Owner considers it necessary or advisable to ensure the proper implementation or the intent of the Construction Documents, Owner will have authority to require special inspection or testing of any Work in accordance with the provisions of the Construction Documents whether or not such Work be then fabricated, installed or completed.

3.6 Design Builder shall submit to the applicable building permit office the number of sets of drawings and/or documents reflecting the approved changes in the Work as may be required by that office. Code compliance issues must be approved by the applicable building permit office prior to inspection of the subject Work.

3.7 Review the Work to confirm that the construction complies with the current applicable Florida Building Code and maintain a copy of the current applicable Florida Building Code at its Project Site office for review by Design Builder. Report any discrepancies observed or noted to Owner.

3.8 Assist Owner in the training of the facility operation and maintenance personnel with respect to the proper operations, schedules, procedures and inventory controls for the various Project equipment and systems. Such assistance shall include assisting Owner in arranging for and coordinating the instruction and training on operations and maintenance of the Project's equipment and systems in conjunction with the various manufacturer representatives. Further, Design Builder is to attend all such training sessions, unless otherwise consented to by Owner in writing.

3.9 Review for compliance with Design Builder's obligation under the Contract Documents, all operation and maintenance manual submittals, prior to submittal to Owner.

3.10 Schedule and visit with Owner at the Project at six (6) and eleven (11) months after issuance of the Certificate of Substantial Completion. During each Project visit, Design Builder shall observe, troubleshoot and advise in the operation of building systems. This shall not relieve Design Builder of its obligation to make other visits to the Project based on need should specific issues arise.

3.11 Design Builder will revise the final approved Construction Documents to incorporate all "As-Built" information contained in the Design Builder's marked-up "As-Built" drawings and specifications, as well as to reflect all addenda, contract changes and field changes (sometimes referred to herein as the "Record Documents"). Design Builder shall provide Owner with one (1) electronic copy on compact disk (CD) of the Record Documents, two sets of the conformed, signed and sealed drawings and prints, and two sets of the conformed Project Manual/Specifications signed and sealed.

1) The electronic copy on CD of the Record Documents shall be provided in AutoCAD.dwg format, "purged and bound", and compatible with Owner's system.

2) Throughout Phase 2, Design Builder shall review its marked-up "As-Built" drawings and Project Manual/Specifications, on a daily basis, to reflect all "As-Built" conditions at the Site, maintaining such "As-Built" drawings and specifications is a condition precedent to Design Builder's entitlement to payment hereunder.

3.12 Consult with, and recommend solutions to, Owner during the duration of warranties in connection with inadequate performance of equipment, materials or systems under warranty.

3.13 Submit a facility and equipment review schedule to Owner at the time of Substantial Completion. Perform reviews of facilities and equipment prior to expiration of warranty period(s) to ascertain adequacy of performance, materials, systems and equipment. Submit a written report to Owner.

3.14 Document noted defects or deficiencies and assist Owner in confirming Design Builder's correction of such noted defects.

3.15 Design Builder shall arrange for all job-site facilities as required by Owner and otherwise necessary to enable Design Builder to perform its respective duties and to accommodate any representatives of Owner which Owner may choose to have present on the job, the description of such facilities to be finalized prior to the execution of Notice to Proceed.

1) Tangible personal property, otherwise referred to as job-site facilities, include, but are not limited to such things as trailers, toilets, typewriters, computers and any other equipment necessary to carry on the Work. The method of acquiring such job-site facilities, which are planned to become the property of Owner at the conclusion of the Work, shall be evaluated based on their cost over the life of the Project. Owning versus leasing shall be considered by Design Builder, obtaining at least three (3) proposals for leasing and at least three (3) proposals for purchasing and then analyzing which is least

expensive over the usable life of the item. Design Builder shall present its evaluation with recommendation to Owner for approval.

2) When Design Builder wishes to supply job-site facilities from its own equipment pool, it shall first evaluate buy versus lease as discussed in subparagraph 3.15.1 above. If leasing is found to be the least expensive approach, then it may lease such job-site facilities from its own equipment pool at a price not greater than the lowest of the three (3) lease proposals obtained.

3) For all such job-site facilities purchased, which may become the property of Owner at the conclusion of the Work, Design Builder shall maintain ownership responsibilities of such facilities until final acceptance of the Work. Reimbursement for cost of such equipment will be made at the conclusion of the Work at the documented purchase price. At that time, Design Builder shall provide Owner with a complete inventory for each unit of equipment. The inventory shall describe the equipment and identify the purchase price, serial number, model number and condition. Where said equipment has a title, said title shall be properly transferred to Owner or to its designee.

4) Design Builder is responsible for proper care and maintenance of all equipment while in its control. At the time of transfer to Owner, Owner may refuse acceptance of the equipment if Owner determines, in its sole discretion, that the equipment has not been properly cared for by Design Builder or that such acquisition would not otherwise be in the best interest of Owner. In such event, Design Builder will be reimbursed for such item in accordance with Section 3C to the Agreement.

3.16 Design Builder's administration of the Work shall include the following:

1) Maintain a log of daily activities, including manpower records, weather, delays, major decisions, etc.

2) Maintain a roster of companies on the Project with names and telephone numbers of key personnel.

3) Establish and enforce job rules governing parking, clean-up, use of facilities and worker discipline.

4) Provide labor relations management for a harmonious, productive Project.

3.17 Design Builder also shall provide job site administration functions during construction to assure proper documentation, including but not limited to the following:

1) Job Meetings: Design Builder shall attend meetings such as pre-construction conferences, progress meetings, job conferences, pre-closeout meetings, and other Project-related meetings, as may be directed by Owner. Design Builder's Design Professionals are also required to attend any such meetings as directed by Owner. Design Builder shall provide meeting minutes for these meetings. Conduct a preconstruction conference with each subcontractor after award of the subcontract and prior to the start of its portion of the Work. Hold weekly progress and coordination meetings, or more frequently if required by Work progress, to provide for the timely completion of the Work. In addition, Design Builder shall arrange and conduct regular monthly Project status meetings with Owner.

2) Design Builder shall use the job site meetings as a tool for the preplanning of Work and enforcing schedules, and for establishing procedures, responsibilities, and identification of authority for all parties to clearly understand. During these meetings, Design Builder shall identify the party or parties responsible for following up on any problems, delay items or questions, and Design Builder shall note the action to be taken by such party or parties. Design Builder shall revisit each pending item at each subsequent meeting until resolution is achieved. Design Builder shall attempt to obtain from all present any problems or delaying event known to them for appropriate attention and resolution.

3) Shop Drawing Submittals/Approvals: Provide staff to review and approve shop drawings and other submittals and to implement procedures for transmittal to Owner of such submittals for action, and closely monitor their review process. Owner reserves the right to review the shop drawings and other submittals and require Design Professional's approval on such shop drawings and other submittals.

4) Material and Equipment Expediting: Provide staff to closely monitor material and equipment deliveries, check and follow-up on supplier commitments for all subcontractors and maintain a material and equipment expediting log.

5) Payments to Subcontractors: Develop and implement a procedure for the review, processing and payment of applications by subcontractors for progress and final payments.

6) Document Interpretation: Promptly respond to all questions for interpretation of the Contract Documents made by subcontractors and copy Owner on all such responses.

EXHIBIT P - SCOPE OF PHASE 2 SERVICES

7) Reports and Project Site Documents: Record the progress of the Work. Submit written progress reports to Owner, including information on subcontractors' Work, and the percentage of completion. Keep a daily log available to Owner and any permitting authority inspectors.

8) Subcontractors Progress: Prepare periodic punch lists for subcontractors' work including unsatisfactory or incomplete items and schedules for their completion.

9) Substantial Completion: Pursuant to the provisions of Paragraph 23.1 of the General Terms and Conditions, notify Owner in writing when the Work or designated portions thereof are ready for the Substantial Completion inspections. From the punch lists of incomplete or unsatisfactory items prepared by Design Builder and reviewed and supplemented by Owner, prepare a schedule for their completion indicating completion dates for Owner's review and approval. At Substantial Completion, Design Builder will provide a certification from itself and its Design Professional that the building was constructed in accordance with the approved Construction Documents.

10) Final Completion: Monitor the subcontractors' performance on the completion of the Work and provide notice to Owner when the Work is ready for final inspection. Secure, review and certify compliance with the Contract Documents, then transmit to Owner all required guarantees, warranties, affidavits, releases, bonds, waivers, manuals, record drawings, and maintenance books.

11) Start-Up: With Owner's personnel, direct the check-out of utilities, operations, systems and equipment for readiness and assist in their initial start-up and testing by the subcontractors.

12) Record Drawings: Pursuant to the terms of Paragraph 8.2 of the General Terms and Conditions, Design Builder shall monitor the progress of its own forces and its subcontractors on marked up field prints which shall be developed by Design Builder into the final record drawings.

3.18 Design Builder shall maintain at the Project site, originals or copies of, on a current basis, all Project files and records, including, but not limited to, the following administrative records:

1) Subcontracts and Purchase Orders
2) Shop Drawing Submittal/Approval Logs
3) Equipment Purchase/Delivery Logs
4) Contract Drawings and Specifications with Addenda
5) Warranties and Guarantees
6) Cost Accounting Records
7) Labor Costs
8) Material Costs
9) Equipment Costs
10) Cost Proposal Request
11) Payment Request Records
12) Meeting Minutes
13) Cost-Estimates
14) Bulletin Quotations
15) Lab Test Reports
16) Insurance Certificates and Bonds
17) Contract Changes
18) Permits
19) Material Purchase Delivery Logs
20) Technical Standards
21) Design Handbooks

EXHIBIT P - SCOPE OF PHASE 2 SERVICES

22) "As-Built" Marked Prints
23) Operating & Maintenance Instruction
24) Daily Progress Reports
25) Monthly Progress Reports
26) Correspondence Files
27) Transmittal Records
28) Inspection Reports
29) Bid/Award Information
30) Bid Analysis and Negotiations
31) Punch Lists
32) Schedule and Updates
33) Suspense (Tickler) Files of Outstanding Requirements
34) Policy and Procedure Manual
35) Subcontractor licenses
36) Final Program

The Project files and records shall be available at all times to Owner or its designees for reference, review or copying.

3.19 Design Builder shall provide the following services with respect to the Work, to facilitate the smooth, successful and timely occupancy of the Project by Owner:

1) Design Builder shall provide consultation and Project management to facilitate Owner's occupancy of the Project and provide transitional services to place the Work "online" in such conditions as will satisfy Owner's operations requirements. The services include Design Builder's coordination of the delivery of Owner supplied furniture, fixtures and equipment for the Project.

2) Design Builder shall catalog operational and maintenance requirements of equipment to be operated by maintenance personnel and convey these to Owner in such a manner as to promote their usability. Design Builder shall provide Owner's operations and maintenance personnel with operations and maintenance training with respect to the equipment and systems being provided as part of the Work. This training may be recorded by Owner for subsequent presentation to Owner's operations and maintenance personnel.

3) Design Builder shall secure required guarantees and warranties, and shall assemble and deliver same to Owner in the manner required by Owner

EXHIBIT Q - PHASE 1 COMPENSATION SCHEDULE

FINFROCK®

October 17, 2025

Scott Yarley
St. Pete-Clearwater International Airport
14700 Terminal Blvd.
Suite 221
Clearwater, FL 33762

RE: PIE New Parking Garage: Phase I Fee Proposal

Dear Mr. Yarley,

Please accept this letter as our proposal outlining the fees for Phase 1 services associated with the design-build delivery of the PIE New Parking Garage.

Scope: Finfrock shall perform value engineering, pre-design services (including geotechnical investigation, surveying, and underground utility surveying), and design services (including architecture, structural engineering, MEPFP engineering, civil engineering, and traffic engineering) as necessary for the preparation of 50% Construction Drawings and for the establishment of a lump sum contract price for the project including all additional project scope add-ons. A more detailed description of the services and deliverables to be provided can be found in Exhibits L and O of the Design-Build Services Agreement

Project Description: A full project description can be found in Exhibit J of the Design-Build Services Agreement.

- Construction of a four-level (ground plus three elevated) parking garage providing approximately 2,000 stalls.
- Development of a surface parking lot with approximately 300 stalls adjacent to the future garage, including a dedicated shuttle and passenger entrance/exit.
- Reconstruction of the intersection at the Roosevelt Boulevard slip ramp and Fairchild Drive.
- Modifications to the terminal curbside to enhance shuttle drop-off and pick-up operations.
- Paving of the Airport Overflow Lot in accordance with the previously developed design for the Pave Strawberry Lot Project.
- Construction of a direct roadway connection between Roosevelt Boulevard and the east side of the Key Lime Pie Lot to establish a more efficient shuttle route between the lot and the terminal.

Fee: The pre-design, design & preconstruction fees for the respective scopes of work are as follows:

Discipline	Fee
Preconstruction Services (Finfrock)	$169,655.00
Structural (Finfrock)	$237,740.00
Architecture (Finfrock)	$217,415.00
VDC (Finfrock)	$47,505.00
Civil/Traffic/MEPFP (AVCON, ESA, GFT)	$1,723,852.00
Surveying (Hyatt)	$40,340.00
Underground Utility Surveying (Allen)	$79,665.00
Geotechnical Engineering (Tierra)	$140,783.70
Geotechnical Engineering (Tierra, DPS)	$272,212.00
Landscape Architecture (Dark Moss)	$21,034.00
Security Consulting (AGE)	$10,470.00
Civil Consulting (Ajax)	$24,570.06
Total	**$2,985,241.76**

Alternates:

Curbside VISSIM Analysis (GFT)	$113,610.00
USACE Section 404 Permitting (ESA)	$10,636.00
Total	**$124,246.00**

Total Base and Alternates	**$3,109,487.76**

Schedule: Finfrock shall complete Phase 1 services within nine months from the Notice to Proceed. Specific design milestones and project deliverables will be in accordance with the mutually agreed upon schedule.

We have enclosed the following supporting documents:

- Finfrock - Hour and Fee Estimate
- AVCON - Cost Proposal
- ESA– Cost Proposal
- GFT – Cost Proposal
- Emerald Engineering – Cost Proposal
- Hyatt Surveying – Cost Proposal
- Allen Underground – Cost Proposal
- Tierra – Cost Proposal
- DPS Cost Proposal
- Dark Moss – Cost Proposal
- AGE – Cost Proposal
- Ajax - Cost Proposal

Please don't hesitate to contact me with any questions.

Sincerely,

FINFROCK

Aaron Gase
Project Executive
agase@finfrock.com

Hour & Fee Estimate

Preconstruction Services	Rate	Schematic Design Hours	Design Development Hours	50% CD's Hours	Total Hours	$
PROJECT PRINCIPLE	$ 300.00	0.00	0.00	4.00	4.00	$ 1,200
PROJECT EXECUTIVE	$ 225.00	14.00	39.00	34.00	87.00	$ 19,575
PRECONSTRUCTION DIRECTOR	$ 210.00	55.00	142.00	128.00	325.00	$ 68,250
PRECONSTRUCTION MANAGER	$ 195.00	80.00	142.00	128.00	350.00	$ 68,250
ESTIMATOR	$ 120.00	0.00	0.00	80.00	80.00	$ 9,600
SCHEDULER	$ 105.00	4.00	8.00	8.00	20.00	$ 2,100
PROJECT ADMINISTRATOR	$ 85.00	0.00	8.00	0.00	8.00	$ 680
					874.00	**$ 169,655.00**

Engineering	Classification	Rate	Hours	$
BUILDING MODEL	Drafter/Modeler	$ 130.00	156.00	$ 20,280
STRUCTURAL DRAWINGS	Drafter/Modeler	$ 130.00	360.00	$ 46,800
CHECKING STRUCTURAL DRAWINGS	Structural Engineer	$ 200.00	86.00	$ 17,200
STRUCTURAL FRAMING CALCS	Structural Designer	$ 150.00	20.00	$ 3,000
BUILDING MODEL-ENGINEERING	Structural Designer	$ 150.00	40.00	$ 6,000
STRUCTURAL LOADING CALCS	Structural Designer	$ 150.00	100.00	$ 15,000
FOUNDATION DESIGN	Structural Designer	$ 150.00	224.00	$ 33,600
CAST-IN-PLACE DESIGN	Structural Designer	$ 150.00	12.00	$ 1,800
MASONRY DESIGN	Structural Designer	$ 150.00	4.00	$ 600
METALS DESIGN	Structural Designer	$ 150.00	68.00	$ 10,200
SPECIALTY DESIGN	Structural Designer	$ 150.00	10.00	$ 1,500
AHJ COORDINATION	Structural Engineer	$ 200.00	4.00	$ 800
PROJECT COORDINATION	Structural Engineer	$ 200.00	188.00	$ 37,600
QUALITY CONTROL	Quality Control Technician	$ 95.00	24.00	$ 2,280
CLERICAL	Project Administrator	$ 85.00	8.00	$ 680
CODE RESEARCH	Structural Engineer	$ 200.00	8.00	$ 1,600
PRODUCT RESEARCH & REVIEW	Structural Engineer	$ 200.00	172.00	$ 34,400
SPECIFICATION PREPARATION	Structural Engineer	$ 200.00	16.00	$ 3,200
PEER REVIEW - STRUCTURAL	Structural Engineer	$ 200.00	6.00	$ 1,200
			1506.00	**$ 237,740.00**

Architecture	Classification	Rate	Hours	$
BUILDING ARCHITECTURAL MODEL	Drafter/Modeler	$ 130.00	355.00	$ 46,150
DRAFTING ARCHITECTURAL DRAWING	Drafter/Modeler	$ 130.00	450.00	$ 58,500
CHECKING ARCHITECTURAL DRAWING	Project Architect	$ 215.00	50.00	$ 10,750
AHJ COORDINATION	Architectural Lead	$ 205.00	36.00	$ 7,380
PROJECT COORDINATION	Architectural Lead	$ 205.00	247.00	$ 50,635
QUALITY CONTROL	Quality Control Technician	$ 95.00	20.00	$ 1,900
CLERICAL	Project Administrator	$ 85.00	80.00	$ 6,800
CODE RESEARCH	Project Architect	$ 215.00	5.00	$ 1,075
SPECIFICATION PREPARATION	Project Architect	$ 215.00	40.00	$ 8,600
PRODUCT RESEARCH & REVIEW	Architectural Lead	$ 205.00	125.00	$ 25,625
			1408.00	**$ 217,415.00**

BIM/VDC	Classification	Rate	Hours	$
MODEL MANAGEMENT	Drafter/Modeler	$ 130.00	30.00	$ 3,900
PROJECT COORDINATION	VDC Manager	$ 150.00	196.00	$ 29,400
PROJECT ADMINISTRATION	Project Administrator	$ 85.00	3.00	$ 255
TECHNICAL REVIEW	VDC Manager	$ 150.00	12.00	$ 1,800
BUILDING SITE MODEL	VDC Manager	$ 150.00	20.00	$ 3,000
BLDG ELECTRICAL MODEL	VDC Manager	$ 150.00	16.00	$ 2,400
BLDG PLUMBING MODEL	VDC Manager	$ 150.00	22.00	$ 3,300
BLDG FIRE PROTECT MODEL	VDC Manager	$ 150.00	15.00	$ 2,250
MODEL REVIEW	VDC Manager	$ 150.00	3.00	$ 450
SURVEY POINT LAYOUT	VDC Manager	$ 150.00	5.00	$ 750
			322.00	**$ 47,505.00**

AVCON, INC.
ENGINEERS & PLANNERS

4500 140th Avenue, Suite E105
Clearwater, Florida 33762
813.321.5588
avconinc.com

October 8, 2025

Mr. Kyle Myers
FINFROCK
Vice President, Project Development
2400 Apopka Blvd.
Apopka, FL 32703

Reference: **Proposed Scope of Services and Fee Proposal**
Professional Engineering Services
Design of New Parking Garage
St. Pete-Clearwater International Airport
Clearwater, Florida

Pursuant to your request, AVCON, INC. is pleased to provide our scope and fee proposal for the Phase I Design for the above-referenced project at St. Pete-Clearwater International Airport. We have prepared the enclosed documentation to assist in your evaluation of the proposal.

As listed in our attached Fee Summary, our proposed fee for this project is a Lump Sum of $1,723,852.00 inclusive of AVCON's efforts in addition to subconsultant efforts associated with the project to provide traffic, signage, and environmental support. This is also inclusive of $124,246.00 in activities classified as Contingent Services (USACE Permitting) or Optional Services requested by airport staff (VISSIM Analysis of Curbside traffic).

We have enclosed the following supporting documents:

- Attachment A, Scope of Services;
- Attachment B, Hour and Fee Estimate
- Attachment C, New Parking Garage – Project Scope Exhibit
- Attachment D, Subconsultants' Scope and Fee

We appreciate the opportunity to accomplish this assignment for you. If you have any questions regarding our proposal, scope, or fee, please feel free to reach out.

Sincerely,
AVCON, INC.

Michael Coppage

Michael Coppage, P.E.
Associate Vice President

Cc: Sandeep Singh, P.E.
President, AVCON INC.

AVCON, INC.
ENGINEERS & PLANNERS

4500 140th Avenue, Suite E105
Clearwater, Florida 33762
813.321.5588
avconinc.com

ATTACHMENT A

SCOPE OF SERVICES

ATTACHMENT A

SCOPE OF SERVICES
PROFESSIONAL ENGINEERING SERVICES
NEW PARKING GARAGE
ST. PETE-CLEARWATER INTERNATIONAL AIRPORT
CLEARWATER, FLORIDA

OCTOBER 8, 2025

I. PROJECT DESCRIPTION

The PROJECT can be generally described as the investigation/study, design, and permitting for the New Parking Garage project at St. Pete-Clearwater International Airport, herein after referred to as the PROJECT. The major elements of the project will include:

- Demolition of the existing Strawberry PIE parking lot
- Construction of a new 2,000 space parking garage
- Construction of approximately 300 surface parking spaces
- Construction of a new roundabout at Roosevelt Blvd and Fairchild Dr intersection
- Water, sewer, and electric utilities
- Low-voltage surveillance, access control, and communications
- Traffic Analysis for sizing of garage entry/exit plaza, and verification of roundabout efficiency
- Reconfiguration of select terminal curbside areas for shuttle dropoff/pickup

Please refer to attached ATTACHMENT C for the conceptual layout and the project limits.

I-A. Overview of Professional Services

AVCON, hereinafter referred to as CONSULTANT, will provide comprehensive design, coordination, and permitting services for the PROJECT, including project initiation and management, civil and roadway design, site grading and stormwater, utility extensions, MEP/FP and low-voltage systems, construction documents, and permit support through agency submittals. CONSULTANT will manage and coordinate specialty subconsultants, perform QA/QC, and lead interdisciplinary coordination with CLIENT, Airport staff, and permitting authorities to deliver coordinated design packages suitable for agency review and pricing.

Services to be provided include:

- Project initiation, scheduling, badge access coordination
- Coordination and oversight of specialty subconsultants
- Civil and roadway design: parking facility geometry, roundabout design, terminal curbside and shuttle driveway design, pavement design, pavement marking and signage, airport vicinity signage coordination
- Site grading, floodplain coordination, and stormwater quantity and quality analyses

- Water and sewer design, permitting, and utility coordination with City of Largo and Pinellas County
- Electrical design including service coordination, main/secondary electrical room layouts, lighting design and photometrics, future rooftop solar provisions, and EV/Parking Guidance provisions
- Low-voltage systems: VMS, PACS, fire alarm design, MDF/IDF layouts, NVR capacity evaluation, rack/backboard/grounding details
- Mechanical and plumbing design for equipment rooms, condensate routing, domestic and sanitary services, sump provisions, deck/roof drainage, and plumbing fixtures
- Fire protection design including pump room design and sprinkler/standpipe systems
- Preparation of construction plans, technical specifications, and estimated quantities
- Permit coordination and submittal support (pre-application meetings, agency coordination, calculations, reports, and documentation)

Services will be provided to FINFROCK, herein after referred to as the CLIENT, in support of CLIENT's efforts to design and construct the PROJECT.

I-B. Design Standards

CONSULTANT will design all aspects of the project in accordance with standards current at the time of contract execution. The table below includes minimum standards to be incorporated into the design.

Governing Design and Regulatory Standards	
Standard	**Description**
14 CFR Part 77	Safe, Efficient Use, and Preservation of the Navigable Airspace
14 CFR Part 139	Certification Of Airports
Pinellas County	Land Development Code
Pinellas County	Pinellas County Stormwater Manual
Pinellas County	Transportation Design Manual
SWFWMD	Applicant's Handbook Volumes I and II
FDOT	FDOT Design Manual (FDM)
FDOT	Standard Plans for Road and Bridge Construction
FDOT	Drainage Manual
FDOT	Drainage Design Guide
FHWA	Manual on Uniform Traffic Control Devices
AC 150/5320-5D	Airport Drainage Design
AC 150/5340-30J	Design and Installation Details for Airport Visual Aids
AC 150/5370-2G	Operational Safety on Airports During Construction
AC 150/5370-10H	Standard Specifications for Construction of Airports

Governing Design and Regulatory Standards	
Standard	**Description**
FBC	Florida Building Code 8th Edition

II. PROJECT COORDINATION AND MANAGEMENT

II-A. Project Initiation and Coordination

Attend a PROJECT initiation/kick-off meeting with CLIENT and Airport staff and others as deemed appropriate. The meeting will review the PROJECT scope and schedule and establish the preliminary design goals and methods.

Obtain badges and decals for airfield access and assist subconsultants in obtaining the same. Establish procedures and develop a project directory for all key PROJECT team members. Develop coordination and reporting format among team members and with the Airport. Prepare detailed project schedule and milestone dates.

II-B. Design Team Coordination

II-B01. Project Survey

Review available survey data and assist CLIENT with development of a written land survey scope of services. The land survey will include all area with the PROJECT limits and will tie to recently conducted adjacent PROJECT surveys performed by others. The CONSULTANT will coordinate and review with CLIENT's survey subconsultant the topography, profile and cross-sectional survey of existing pavement and, lighting fixtures, signs, drainage pipes, structures, markings etc. The survey data will be provided to the Airport's Project Manager for review. Upon receipt of the CLIENT's subconsultant survey, the CONSULTANT will perform an extensive field review of the project.

II-B02. Subsurface Utility Engineering

In conjunction with review of available survey data, assist CLIENT with development of a written subsurface utility engineering scope of services. Subsurface utility engineering scope will include select areas within the PROJECT limits known to contain utilities owned by the County or other agencies. The scope will include identification and layout of locations for soft-digs to verify vertical height (VVH) of utilities likely to be impacted by the PROJECT.

II-B03. Geotechnical Investigations

Review available geotechnical data and assist CLIENT with development of a written geotechnical scope of services. The scope will include identification and layout of test locations and the required laboratory testing associated with CONSULTANT's work.

II-B04. Environmental Permitting

Coordinate field investigations related to subconsultant surveys for wildlife, wetlands, and surface waters. Coordinate inclusion of Environmental Narrative Report in SWFWMD and Pinellas County permit applications, as appropriate.

Coordinate wildlife attractant BMP recommendations into the design plans and specifications.

II-B05. Traffic Engineering and Signage Design

Coordinate traffic engineering fieldwork and data needs with the subconsultant, including provision of site plans and assisting with coordination of traffic counts. Incorporate traffic impact analyses, signal phasing/timing, roundabout inputs, and signage plans into civil and permitting documents. Ensure signage and pavement marking details align with roadway, lighting, and utility plans for permit submittals.

Conduct overall design coordination to confirm scope alignment and track delivery milestones. Review and consolidate subconsultant deliverables into overall permit packages, track agency comments, and manage revisions to maintain schedule and consistency across disciplines.

II-C. Project Management

CONSULTANT's Project Manager will coordinate CONSULTANT design teams to ensure cohesive design across all internal design disciplines, including civil, utility, low voltage, MEP, fire protection, and permitting. This includes:

- Coordinating with CLIENT, establishing and maintaining project schedule and milestone tracking.
- Facilitating regular interdisciplinary design reviews.
- Managing internal workflows to ensure timely delivery of drawings, specifications, and permit packages.
- Serving as the central point of contact for design decisions, RFIs, and client updates.

III. PHASE I DESIGN

III-A. Horizontal Geometry and Pavement Design

III-A01. Parking Facility

III-A01a. Geometric Design

CONSULTANT will develop the geometric layout of the parking lot in accordance with Pinellas County Land Development Code requirements, including standard, compact, and ADA-compliant stall configurations.

Drive aisle geometry and circulation paths will be analyzed to ensure efficient vehicle movement and compliance with applicable design standards.

CONSULTANT will coordinate fire access requirements directly with Airport Operations and ARFF staff to confirm emergency vehicle access, routing and clearances.

Signage layout internally to the parking facility will be coordinated with CLIENT's design team.

III-A01b. Pavement Design

CONSULTANT will provide pavement section design for the parking lot, assuming asphalt as the primary paving material outside the footprint of the garage, including subgrade preparation and base course recommendations appropriate to site conditions and anticipated loading. Concrete may be considered in select areas, such as shuttle stops, based on coordination with CLIENT.

Additionally, CONSULTANT will perform a targeted pavement design analysis for the shuttle circulation path to determine whether increased pavement strength or alternative materials are warranted to accommodate repetitive transit vehicle loading.

III-A01c. Pavement Marking and Signage

Pavement marking plans will be provided for surface parking areas outside the footprint of the garage. Pavement markings will include parking stalls, drive aisle arrows, painted islands, stop bars, ADA symbols and stalls, and EV symbols. All markings will be white unless otherwise required by Pinellas County Land Development Code, FDOT Standards, or the MUTCD.

III-A02. Roundabout

CONSULTANT will develop the geometric design for a single-lane roundabout at the intersection of Fairchild Drive and Roosevelt Boulevard, incorporating recommendations and findings from 20-year horizon traffic study. The design will be based on the anticipated use of a semi-trailer vehicle as the controlling design vehicle, with final vehicle classification to be confirmed in coordination with CLIENT. CONSULTANT will prepare the layout in accordance with the Pinellas County Transportation Design Manual, defaulting to the FDOT Design Manual where local guidance is silent. A mountable truck apron will be incorporated into the central island to accommodate trailer off-tracking. The lane width of the roundabout and configuration of truck apron will be designed to allow airport shuttle vehicles to circulate without encroaching on the apron.

CONSULTANT will provide a separate pavement design for the roundabout, assuming asphalt as the primary paving material, including subgrade preparation and base course recommendations appropriate to site conditions and anticipated loading.

Pavement marking plans will be provided for the roundabout, meeting FDOT Design Manual and Manual for Universal Traffic Control Devices requirements.

III-A03. Airport Vicinity Signage

CONSULTANT will coordinate with subconsultants to analyze existing traffic signage conditions along Roosevelt Boulevard between Ulmerton Road and the Bayside Bridge, focusing on evaluating and recommending replacements for existing single- and double-post traffic signs. This effort will include review of visibility, messaging, and compliance with applicable airport vicinity standards. CONSULTANT will also work closely with subconsultants to identify and confirm appropriate locations for new overhead signage, ensuring compatibility with roadway geometry, sight lines, and adjacent infrastructure. As part of this effort, CONSULTANT will facilitate discussions with FDOT to support signage plan approval, including coordination of submittal requirements, review timelines, and resolution of agency comments.

III-A04. Terminal Curbside Improvements

CONSULTANT will assess existing curbside infrastructure to identify and address conflicts that may impact proposed improvements, including stormwater inlets, site lighting, and other fixed elements. CLIENT will provide subsurface utility engineering through other team members to support utility conflict resolution designs.

Based on site constraints and operational goals, CONSULTANT will develop a layout that maximizes available space for passenger loading and unloading at relocated shuttle stops. The airport concessions delivery area will be reconfigured to

accommodate up to two shuttle parking locations for passenger offloading. The terminal curbside at the taxi lot will be modified to support efficient passenger pickup and eliminate the need for shuttles to enter the taxi lot. CONSULTANT will coordinate directly with CLIENT to confirm associated canopy dimensions in these areas and to ensure integration with the overall site design.

III-A05. Key Lime PIE Shuttle Entry/Exit

CONSULTANT will prepare the design for a new shuttle-only driveway connection into the airport remote parking lot, located at an existing FDOT roadway intersection. This effort will include coordinating with FDOT District Traffic Operations for plan review and approval.

CONSULTANT will perform an updated signal phasing and timing analysis, along with an operational impact assessment to evaluate how the new driveway affects intersection performance. The driveway geometry will be designed to conform to applicable requirements in the FDOT Design Manual.

The existing lot will be reconfigured near the driveway as required to remove a series of parking spaces to make room for the shuttle access. Fencing will be relocated as required and internal directional signage will be provided.

III-A06. Utility Coordination in FDOT Right-of-Way

CONSULTANT will coordinate with all utility providers located in the Florida Department of Transportation Right-of-way within the project limits by furnishing plans to the utilities for review, confirmation of utility location and relocation purposes. The Consultant will coordinate with all utilities to ensure that the final design considers all existing utilities and proposed signs. As part of each progress submittal Consultant will provide a list of all utilities that have been provided copies of the construction plans, and the dates the plans were delivered to each Utility. Consultant will also provide a summary of the response received from each Utility.

CONSULTANT will resolve all utility conflicts prior to submitting final plans. If relocations are required, Utility Work Schedules will be filled out and signed by appropriate parties. Utility coordination meeting will be held as needed. All proposed work will be clear of utility conflicts.

III-A07. Preliminary Temporary Traffic Control Plans (TTCP)

CONSULTANT will prepare preliminary plan sheets, notes and details to move vehicular and pedestrian traffic during construction for improvements adjacent to the terminal, signage locations outside of airport property on Roosevelt Boulevard, signalization upgrades, parking garage and parking lots, and roundabout.

III-A08. Employee Parking Improvements

CONSULTANT will re-evaluate and repackage prior designs of the Employee Parking Lot located on 46th St N just south of the current Key Lime PIE Lot. CONSULTANT will confirm the geometric layout of the parking lot in accordance with Pinellas County Land Development Code requirements, including standard, compact, and ADA-compliant stall configurations. CONSULTANT will provide pavement section design for the parking lot, assuming asphalt as the primary paving material, reevaluating prior design pavement approach.

Drive aisle geometry and circulation paths will be analyzed to ensure efficient vehicle movement and compliance with applicable design standards.

Pavement marking plans will be provided to include parking stalls, drive aisle arrows, painted islands, stop bars, and ADA symbols and stalls.

III-B. Site Grading and Stormwater Design

III-B01. Site Grading

The site is located in a coastal floodplain, designated by FEMA as Zone AE with a base flood elevation of 10. CONSULTANT will develop site grading plans ensuring compliance with applicable floodplain management regulations. Site grading will be developed with consideration given to existing floodplain conveyance, and efforts will be made to avoid adverse impacts to base flood elevations, and support positive drainage away from structures and critical infrastructure. CONSULTANT will coordinate finished floor elevations, slopes, and transitions to meet minimum elevation requirements and ADA accessibility standards, while minimizing fill within the floodplain. Coordination with CLIENT will be maintained throughout to align grading with architectural, structural, and stormwater design elements.

III-B02. Stormwater Quantity and Quality

Stormwater will be evaluated by multiple agencies. These will typically include at minimum Pinellas County and the Southwest Florida Water Management District (SWFWMD). In this case, the existing pond adjacent to the site outfalls to FDOT right-of-way, and a stormwater connection permit from FDOT will likely be required. Applicable requirements for each agency are summarized below:

III-B02a. Pinellas County

Post-Development Discharge Rate for the 10 yr and 25 yr-24 hr storm event shall not exceed pre-development or existing conditions; and

Reduce the post-development annual average stormwater total nitrogen load by at least 55% and the annual average stormwater total phosphorus load by at least 80%; and,

Reduce the post-development annual average stormwater total nitrogen and phosphorus loads by 10% or more of the undeveloped or current annual discharge loads.

III-B02b. SWFWMD

Post-Development Discharge Rate for the 25 yr-24 hr storm event shall not exceed historic discharge or the amounts permitted under previous SWFWMD permits for existing conditions; and

An 80 percent reduction of average annual loading of Total Phosphorus and Total Nitrogen from the proposed project, or a 95 percent reduction of average annual loading of TP and TN from the proposed project where located within such a HUC 12 subwatershed containing an OFW and located upstream of that OFW; and

A reduction such that the post-development condition average annual loading of nutrients does not exceed the predevelopment condition nutrient loading; and

The post-development condition average annual loading, of those pollutants not meeting water quality standards, that is less than that of the predevelopment condition.

III-B02c. FDOT

For FDOT drainage connection permits in non-closed basins, applicants must analyze peak discharge across a range of storm durations and frequencies using the Critical Duration Method. Specifically, the design must evaluate 1-hour, 2-hour, 4-hour, 8-hour, 1-day, and 3-day storms for each of the following return periods: 3-year, 5-year, 10-year, 25-year, 50-year, and 100-year.

CONSULTANT will prepare drainage analysis in support of project approval through each of these agencies. Results will be used to confirm compliance with agency criteria and support permit approval.

III-C. Water and Sewer Design

CONSULTANT will coordinate with the publicly owned utility providers to extend water and wastewater services to the proposed garage site. Utility providers are City of Largo for sanitary and wastewater service and Pinellas County for potable and fire protection water services. Utility design will conform to each provider's standards, details, and technical specifications.

III-C01a. Potable Water

Water system services will include extension of an existing 8" potable water main north of the site near the ARFF station for two new domestic water main connections at the nearest practical point to an existing system loop, incorporating applicable backflow prevention. One metered connection will serve the water needs of the garage, and the other will serve an irrigation system for the landscaped areas of the parking

Fire protection services will include an 8-inch fire service loop traversing the perimeter of the garage. This main will be connected to the new 8" on-airport potable water main water with appropriate backflow prevention.

III-C01b. Gravity Sewer

Wastewater system design will include gravity sewer collection and transmission from the garage to the existing City-Owned sewer system located along Fairchild Drive. Based on preliminary site grading and utility layout, it is anticipated that gravity sewer conveyance will be feasible, and that a lift station will not be required to support wastewater service.

III-D. Traffic Signal Analysis and Design

III-D01a. Traffic Signal Design

CONSULTANT will coordinate and design modifications to existing signalization systems at the main entrance of the terminal at the new driveway entrance to the current Key Lime PIE parking lot, including adjustments to signal phasing, timing, and lane geometry to accommodate revised traffic patterns and shuttle operations. Signal design will consider projected traffic volumes and will reflect FDOT and MUTCD standards, coupled with Airport-specific signage needs. Pole elevations and offsets will be evaluated to ensure compliance with FDOT and MUTCD criteria.

III-D01b. Structural and Foundation Design

The CONSULTANT will design the structural support and foundation system for traffic signal poles in accordance with FDOT, MUTCD, and applicable local standards. Design will account for pole height, arm length, wind load, soil

conditions, and utility conflicts. Foundation design will include calculations for embedment depth, reinforcement, and bearing capacity, and will be coordinated with geotechnical recommendations provided by CLIENT's geotechnical consultants. CONSULTANT will prepare structural details, pole elevation views, and mounting specifications suitable for construction and permitting.

III-E. Electrical Design

CONSULTANT will provide 50% design of electrical systems for the garage, surface parking, and toll plaza, coordinating service requirements with Duke Energy and site civil design. CONSULTANT will size and locate a main electrical room to accommodate switchgear and distribution panels, and will extend secondary feeders from a pad-mounted transformer to the main electrical room with secondary electrical rooms provided throughout the garage as coordinated with the Architect to avoid excessive voltage drop. Electrical demolition will include removal of lighting fixtures and power equipment in the existing Strawberry PIE parking lot that is identified in the PROJECT survey.

Distribution equipment will be sized to support EV charging infrastructure and a Parking Guidance System if provided now or in the future. CONSULTANT will include provisions for future rooftop solar installation including space in the main electrical room for future inverters and batteries and routed pathways to the roof. Lighting design will include LED fixtures throughout the garage, surface lot, and toll plaza, photometric design to achieve target illuminance in drive aisles and parking areas, motion-activated controls to step lighting from reduced levels to full output, exit lighting per Life Safety Code, and emergency lighting supported by UPS units.

Roof and surface pole fixtures will be sized and located with consideration for airfield 7460 criteria to be coordinated with Civil Design and potential obstruction lighting, and bollard and circuiting provisions will be provided for signage, EV charging, and other equipment. CONSULTANT will coordinate appropriate roof and site lighting solution with Airport and CLIENT to provide visibility of lighting and light poles for airport tenants utilizing night-vision eyewear, as such eyewear is typically unable to detect LED lighting. CONSULTANT will deliver load calculations, equipment schedules and riser diagrams, lighting layouts and photometrics, lighting control strategies, energy code calculations, technical specifications, and coordinating all electrical design elements with CLIENT and other disciplines.

III-F. Low Voltage Design

CONSULTANT will provide 50% design of low voltage systems for the garage, surface parking, and toll plaza, including video surveillance (VMS), physical access control (PACS), Telecom service, WiFi access, fire alarm, distributed antennae system (DAS), and provisions for a future Parking Guidance System. CONSULTANT will review as-built documentation to confirm existing conditions, and design the VMS and PACS to be compatible with the existing Avigilon security system. CONSULTANT will develop preliminary and final camera and PACS layouts for garage entrances, exits, secure rooms, and strategic coverage areas, including evaluating NVR capacity and recommending storage expansion if required. The telecommunications network backbone will be extended from the existing terminal building MDF room to the garage for connectivity of the new low voltage systems. Rack layouts, backboards, grounding, and network extensions, and communication block diagrams will be provided. The DAS system will provide commercial cellular service within the garage by means of antennas placed throughout the facility to meet minimum coverage requirements and signal strength.

Fire alarm detection and annunciation design will be provided with main panel location coordinated with CLIENT. CONSULTANT will coordinate MDF and IDF room locations, system routing and equipment locations with CLIENT and other disciplines.

III-G. Mechanical Design

CONSULTANT will provide 50% design of mechanical systems for the garage to serve MDF, IDF, and electrical rooms using mini-split heat pump systems, with indoor air handlers wall mounted and outdoor condensing units located to avoid conflicts with vehicle parking areas and pedestrian walkways. CONSULTANT will provide condensate drain design and connect condensate discharge to the site storm drainage system in coordination with civil design. The fire pump room will be ventilated to offset heat from the electric fire pump and associated electrical equipment and will include an electric unit heater to maintain temperatures above freezing.

CONSULTANT will perform HVAC load calculations, select mini-split equipment and exhaust fans, size intake and exhaust louvers, develop refrigerant piping layouts and condensate riser routing, and provide mechanical equipment schedules, control diagrams, and technical specifications. CONSULTANT will coordinate equipment locations, louvers, and protective measures (bollards and pipe guards) with CLIENT and other disciplines and will include energy code calculations and QA/QC reviews to support permitting and installation.

III-H. Plumbing Design

CONSULTANT will provide 50% design of domestic water, sanitary, and storm drainage systems for the garage and associated toll plaza restrooms, coordinating utility service locations and connections with the site civil design and CLIENT. Domestic water services will include two site connections: a 1-1/2-inch connection for the garage to serve vandal-proof hose bibbs spaced to provide 100 feet of hose coverage per parking deck, and a 1-1/2-inch connection for the toll plaza restrooms. Fire pump room floor drains and sanitary service for the toll plaza restrooms will be designed, with sanitary service anticipated as a 4-inch connection and fire pump room floor drains tied to a 3-inch sanitary main. Sump pump provisions will be included for elevator pits with discharge routing to be coordinated with the AHJ and CLIENT; preliminary coordination assumes termination into landscaped areas where permitted. Storm drainage design will address roof and deck drainage, providing deck drains at low points and at ramp locations, with storm risers routed to grade and inverts coordinated with site civil connections and parking structure foundations.

CONSULTANT will develop plumbing fixture and equipment schedules, plumbing riser diagrams, and construction details for pipe hangers, deck drains, floor drains, hose bibbs, water heaters, cleanouts, and pipe protection at columns. All piping sizes, cleanouts, inverts, and routing will be coordinated with structural, electrical, and civil disciplines.

III-I. Fire Protection Design

CONSULTANT will provide 50% design of fire protection system for the parking garage in accordance with NFPA 13, NFPA 14, Florida Building Code, and Pinellas County Code. The system will include an automatic dry-type sprinkler system and a manual dry pipe standpipe system, with fire service coordinated through the site civil design. Sprinkler risers will be routed through stair towers, and standpipe risers will terminate near an exterior fire hydrant.

Due to anticipated limitations in utility water pressure, CONSULTANT will design a fire pump system to serve the dry pipe sprinkler system, including layout of the fire pump room with primary fire pump, jockey pump, pump controllers, test header, FDC connection, and associated piping. CONSULTANT will coordinate fire pump room requirements with CLIENT

and the project architect, and will develop system layouts for both sprinkler and standpipe components, including occupancy hazard classification, sprinkler head spacing, pipe routing, hose connections, and support details.

III-J. Deliverable Milestones

III-J01. Schematic Design

CONSULTANT will produce high-level schematic deliverables to establish project intent and coordination. Deliverables will include conceptual site and garage plans, FDOT driveway concept and associated signal modification concept, high-level stormwater approach, fencing and signage, discipline-level concept design for fire protection, plumbing, mechanical, electrical, and low-voltage systems, conceptual reconfiguration of curbside shuttle drop-off and pickup areas.

Progress Target:

- Civil and Sitework – approximately 30% complete
- All other disciplines – approximately 15% complete.

III-J02. Design Development

CONSULTANT will advance schematic concepts into coordinated design deliverables for permit agency coordination. Deliverables will include developed FDOT driveway plans, updated signal phasing and operational analysis, refined grading and floodplain coordination, draft stormwater calculations, utility connection details for City of Largo and Pinellas County, and developed pavement, fencing, and signage plans. MEPFP deliverables will include fire pump room layout and pump sizing, preliminary sprinkler and standpipe risers, plumbing piping and deck drain routing with preliminary inverts, HVAC equipment selections and ventilation/louver sizing, electrical load calculations and main/secondary room layouts, lighting and control strategy, and VMS/PACS and MDF/IDF layouts.

Progress Target:

- Civil and Sitework – approximately 60% complete
- All other disciplines – approximately 30% complete

III-J03. 50% Design

CONSULTANT will deliver a 50% Design submittal for agency review and cost estimating that substantially completes civil design and advances MEP/LV systems toward permit readiness. Deliverables will include near-final FDOT driveway and drainage permit drawings, stormwater calculation packages, finalized grading/floodplain documentation, utility extension plans, and final pavement, fencing, signage plans. This will also include substantially developed fire protection pump room details and risers, finalized plumbing and sanitary layouts with inverts, mechanical equipment selections and routing, electrical load summaries and preliminary panel schedules, lighting layouts and controls, and low-voltage system layouts.

CONSULTANT will include draft technical specifications, QA/QC documentation, and select quantities required by CLIENT to coordinate with others as required to generate Guaranteed Maximum Price to Owner.

It is anticipated most sitework permit applications will be submitted at approximately the same time as the 50% submittal to CLIENT.

Progress Target:

- Civil and Sitework – approximately 90% complete*
- All other disciplines – approximately 50% complete

*Exception: Substantial additional detail will likely be required to finalize the development of Temporary Traffic Control Plans (TTCP). It is assumed sufficient detail will be provided to CLIENT in order to provide Guaranteed Maximum Price to the Owner, and that final development of TTCP will occur as an amendment to finalize design.

IV. PERMITTING

CONSULTANT will coordinate with permit agencies, prepare calculations, reports, and supporting documentation associated with permits for the project.

IV-A. Pre-Application Meetings

CONSULTANT will schedule an initial pre-application meeting with each of the permitting agencies to confirm expectations, requirements, constraints, and other permitting-related services. CONSULTANT will prepare project specific inquiries and preliminary exhibits for meetings as necessary to facilitate productive discussions.

Meetings with each of the following are anticipated:

- Pinellas County
- FDOT
- City of Largo
- SWFWMD
- Duke Energy

IV-B. Permit Application and Submittal

CONSULTANT will apply for permits on the CLIENT and Owner's behalf for the following:

Pinellas County

- Development Permit (i.e. Site Permit)
- Floodplain Development Permit

FAA

- iOE/AAA (permanent construction and temporary equip./cranes)
- NEPA Compliance (Documented CATEX assumed)
- Construction Safety and Phasing Plan (required on all Part 139 airport projects that include an airside component)

FDEP

- Potable Water (in coordination with Pinellas County Utilities)
- Wastewater (in coordination with City of Largo)

FDOT

- Drainage Connection Permit

- Construction Agreement
- Driveway Connection Permit

SWFWMD

- Environmental Resource Permit (Major Modification Assumed)

Duke Energy

- Coordination of Primary Power service for New Garage
- Coordination of Primary Power modifications for existing transformers along Fairchild Drive
- Coordination of Primary Power modifications associated with terminal curbside canopies

CONSULTANT has included a budgetary estimate of anticipated permit fees. If actual permit fees exceed the estimated amount, CONSULTANT will notify CLIENT in writing and CLIENT will reimburse CONSULTANT for the difference through a supplemental amendment.

IV-C. Indirect Permit Support

CONSULTANT will support CLIENT's efforts to apply on Owner's behalf for the following:

Pinellas County

- Building Permit

IV-D. Excluded Permit Efforts

Permit efforts associated with the construction phase, contractor means and methods, or any permitting not explicitly described above are excluded from CONSULTANT's scope of work. CLIENT will contract such efforts through others, which may include, but are not limited to:

- Pinellas County Habitat Permit
- FDEP and/or SWFWMD Dewatering Permit
- FDEP Notice of Intent to use the Generic Permit for NPDES for Large Construction Activities
- Trade-Specific Permits (Electrical, Plumbing, Mechanical, etc.)
- Pinellas County or FDOT Right-of-Way Utilization permit(s)
- Construction-phase activities associated with any design-phase permits obtained by CONSULTANT (i.e. scheduling inspections, contractor coordination, etc)

V. BASIC ASSUMPTIONS

The following is a list of assumptions, which forms the basis of this cost proposal for providing the services for the project.

1. The CLIENT will provide CONSULTANT with information requested necessary to properly complete design.
2. Information provided to CONSULTANT by the CLIENT or the CLIENT's consultants or contractors is assumed to be accurate and reliable.

3. CONSULTANT will be provided with timely and unrestricted access to Owner's PROJECT-related sites and facilities as needed for CONSULTANT to perform the Scope of Services.
4. Designs will be developed in compliance with codes and regulations in force at the time the proposal and fee are submitted. If in the opinion of CONSULTANT material changes in codes and regulations occur, CONSULTANT will notify CLIENT in writing and associated additional efforts will be negotiated under a Supplemental Agreement.
5. All deliverables will be provided electronically in PDF format. Electronic CADD files will be shared with CLIENT as appropriate. No hard copies will be provided.
6. CLIENT will provide one set of consolidated comments on each deliverable within a mutually agreed timeframe not to exceed 30 days following each submittal.
7. One round of review, revisions, and resubmittal is included in the fee for permitting purposes.
8. Site pavement design will be limited to areas outside the footprint of the garage. Pavement design within the garage footprint is excluded from the scope of work.
9. Site marking will be limited to areas outside the footprint of the garage. Pavement markings on all floors (including ground floor) of the garage are assumed to be part of CLIENT's scope.
10. Permit Fees, if exceeding budgeted costs contained in attached fees, will be paid by the CLIENT through supplemental agreement.
11. No wetland impacts or wetland mitigation are anticipated.
12. Threatened or Endangered Species (T&E) permitting/relocations, Environmental Assessments (EA), Development of Regional Impacts (DRI), or Environmental Impact Statements (EIS) are not anticipated to be necessary and are excluded from the scope of work.
13. Costs associated with Duke Energy/primary power will be paid by CLIENT directly.
14. CONSULTANT cannot control permit agencies' interpretation of the PROJECT, associated review times, and lead times associated with agency field visits. Should a permit agency require more extensive permitting than assumptions contained herein, CONSULTANT will advise the CLIENT of Additional Services necessary to complete the permitting process.
15. This Scope of Services includes design development through approximately 90% completion for sitework components and 50% completion for garage and vertical elements. This level of design is intended to reduce uncertainty related to permit agency interpretation and review prior to CLIENT providing maximum price to Owner. Should the level of design effort be reduced from these targets, CONSULTANT shall not be liable for any resulting delays, inefficiencies, or additional costs incurred during permitting or construction phases. CONSULTANT's deliverables under such reduced level of design effort are likely to be insufficient for permit agency review and concurrence.
16. Advancing any portion of the PROJECT to 100% design documentation, and any efforts associated with the construction phase of the project, will require a separate amendment to this Scope of Services.
17. Services arising from work directive changes or change orders issued by the Owner, a permit agency, or CLIENT that, in CONSULTANT's professional judgment, require rework or redesign shall be considered outside the original scope and subject to a mutually agreed Supplemental Agreement.
18. Other Services: Any other services not specifically listed in this Scope of Services are excluded and shall be negotiated under a Supplemental Agreement.

19. This scope and fee is valid for 90 calendar days. CONSULTANT reserves the right to modify the scope and fee if approval is received more than 90 calendar days from the date transmitted to the CLIENT.

AVCON, INC.
ENGINEERS & PLANNERS

4500 140th Avenue, Suite E105
Clearwater, Florida 33762
813.321.5588
avconinc.com

ATTACHMENT B

HOUR AND FEE ESTIMATE

ATTACHMENT B
HOUR AND FEE ESTIMATE

FEE SUMMARY

BASIC SERVICES - DESIGN PHASE		
TOTAL BASIC SERVICES	$	1,262,502.00
SPECIAL SUBCONSULTANT SERVICES - DESIGN	$	456,998.00
TOTAL DESIGN PHASE EXPENSES	$	4,352.00
SUBTOTAL BASIC SERVICES - DESIGN PHASE:	***$***	***1,723,852.00***

OPTIONAL OR CONTINGENT SERVICES		
USACE PERMITTING (IF REQ'D)	$	10,636.00
CURBSIDE VISSIM ANALYSIS	$	113,610.00
SUBTOTAL OPTIONAL OR CONTINGENT SERVICES:	***$***	***124,246.00***

GRAND TOTAL: $ 1,848,098.00

ATTACHMENT B
HOUR AND FEE ESTIMATE

BASIC SERVICES

Section	Sub-Task	Position / Hourly Rate / ACTIVITY	Principal $328.00 Hours	Principal $328.00 Fee	Senior Project Manager $314.00 Hours	Senior Project Manager $314.00 Fee	Project Manager $252.00 Hours	Project Manager $252.00 Fee	Senior Project Engineer $217.00 Hours	Senior Project Engineer $217.00 Fee	Project Engineer $143.00 Hours	Project Engineer $143.00 Fee	CADD Designer $135.00 Hours	CADD Designer $135.00 Fee	Contract Administrator $126.00 Hours	Contract Administrator $126.00 Fee	TOTAL Hours	TOTAL Fee
II		**Project Coordination and Management**																
	II-A	**Project Initiation and Coordination**																
		Project Initiation/Kickoff Meeting		$ -	3	$ 942	3	$ 756		$ -		$ -		$ -		$ -	6.00	$ 1,698
		Airport Badging		$ -		$ -	4	$ 1,008		$ -	4	$ 572		$ -		$ -	8.00	$ 1,580
	II-B	**Design Team Coordination**																
		II-C01 Project Survey		$ -		$ -	8	$ 2,016		$ -	24	$ 3,432		$ -		$ -	32.00	$ 5,448
		II-C02 Subsurface Utility Engineering		$ -		$ -	8	$ 2,016		$ -	32	$ 4,576		$ -		$ -	40.00	$ 6,592
		II-C03 Geotechnical Investigations		$ -		$ -	16	$ 4,032		$ -		$ -		$ -		$ -	16.00	$ 4,032
		II-C04 Environmental Permitting		$ -	4	$ 1,256	4	$ 1,008		$ -	8	$ 1,144		$ -		$ -	16.00	$ 3,408
		II-C05 Traffic Engineering and Signage Design		$ -		$ -	40	$ 10,080		$ -	40	$ 5,720	20	$ 2,700	10	$ 1,260	110.00	$ 19,760
	II-C	**Project Management**																
		Client Coordination	4	$ 1,312	28	$ 8,792	40	$ 10,080	0	$ -	0	$ -	0	$ -	16	$ 2,016	88.00	$ 22,200
		Interdisciplinary Coordination	8	$ 2,624	24	$ 7,536	60	$ 15,120	32	$ 6,944	0	$ -	0	$ -	0	$ -	124.00	$ 32,224
		SUBTOTAL Project Coordination and Management:	*12*	*$ 3,936*	*59*	*$ 18,526*	*183*	*$ 46,116*	*32*	*$ 6,944*	*108*	*$ 15,444*	*20*	*$ 2,700*	*26*	*$ 3,276*	*440.00*	*$ 96,942*
III		**Phase I Design**																
	III-A	**Horizontal Geometry and Pavement Design**																
		III-A01 Parking Facility																
		Geometric Design and Marking		$ -	5	$ 1,570	10	$ 2,520	40	$ 8,680	48	$ 6,864	72	$ 9,720		$ -	175.00	$ 29,354
		Pavement Design		$ -	5	$ 1,570	12	$ 3,024	24	$ 5,208	12	$ 1,716		$ -		$ -	53.00	$ 11,518
		III-A02 Roundabout																
		Geometric Design and Marking		$ -	2	$ 628	12	$ 3,024	20	$ 4,340	32	$ 4,576	48	$ 6,480		$ -	114.00	$ 19,048
		Pavement Design		$ -	1	$ 314	6	$ 1,512	4	$ 868	8	$ 1,144		$ -		$ -	19.00	$ 3,838
		III-A03 Airport Vicinity Signage	2	$ 656	4	$ 1,256	8	$ 2,016	4	$ 868		$ -		$ -		$ -	18.00	$ 4,796
		III-A04 Terminal Curbside Improvements	2	$ 656	8	$ 2,512	24	$ 6,048	32	$ 6,944	32	$ 4,576	60	$ 8,100		$ -	158.00	$ 28,836
		III-A05 Key Lime PIE Shuttle Entry/Exit	1	$ 328	6	$ 1,884	16	$ 4,032	24	$ 5,208	40	$ 5,720	48	$ 6,480		$ -	135.00	$ 23,652
		III-A06 Utility Coordination in FDOT Right-of-Way		$ -	4	$ 1,256	8	$ 2,016	16	$ 3,472	16	$ 2,288	48	$ 6,480		$ -	92.00	$ 15,512
		III-A07 Preliminary Temporary Traffic Control Plans (TTCP)		$ -	4	$ 1,256	4	$ 1,008	8	$ 1,736	10	$ 1,430	24	$ 3,240		$ -	50.00	$ 8,670
		III-A08 Employee Parking Improvements		$ -	1	$ 314	2	$ 504	8	$ 1,736	12	$ 1,716	24	$ 3,240		$ -	47.00	$ 7,510
	III-B.	**Site Grading and Stormwater Design**																
		III-B01 Site Grading																
		Parking Facility	2	$ 656		$ -	24	$ 6,048	44	$ 9,548	64	$ 9,152	80	$ 10,800		$ -	214.00	$ 36,204
		Roundabout		$ -		$ -	16	$ 4,032	36	$ 7,812	56	$ 8,008	76	$ 10,260		$ -	184.00	$ 30,112
		Terminal Curbside Improvements	2	$ 656		$ -	24	$ 6,048	20	$ 4,340	30	$ 4,290	40	$ 5,400		$ -	116.00	$ 20,734
		Key Lime PIE Shuttle Entry/Exit	1	$ 328		$ -	8	$ 2,016	16	$ 3,472	24	$ 3,432	32	$ 4,320		$ -	81.00	$ 13,568
		Employee Parking Improvements		$ -		$ -	8	$ 2,016	12	$ 2,604	16	$ 2,288	24	$ 3,240		$ -	60.00	$ 10,148
		III-B02 Stormwater Quantity and Quality																
		Parking Facility	1	$ 328	12	$ 3,768	40	$ 10,080	60	$ 13,020	80	$ 11,440	60	$ 8,100		$ -	253.00	$ 46,736
		Roundabout		$ -	4	$ 1,256	20	$ 5,040	30	$ 6,510	40	$ 5,720	30	$ 4,050		$ -	124.00	$ 22,576
		Terminal Curbside Improvements		$ -	2	$ 628	8	$ 2,016	12	$ 2,604	16	$ 2,288	20	$ 2,700		$ -	58.00	$ 10,236
		Key Lime PIE Shuttle Entry/Exit		$ -	4	$ 1,256	20	$ 5,040	30	$ 6,510	40	$ 5,720	30	$ 4,050		$ -	124.00	$ 22,576
		Employee Parking Improvements		$ -		$ -	10	$ 2,520	16	$ 3,472	30	$ 4,290	40	$ 5,400		$ -	96.00	$ 15,682
		Stormwater Reports and Supporting Exhibits		$ -	2	$ 628	8	$ 2,016	20	$ 4,340	40	$ 5,720	20	$ 2,700		$ -	90.00	$ 15,404
	III-C.	**Water And Sewer Design**																
		III-C01 Potable Water																
		Review utility standards, details, specifications		$ -	3	$ 942		$ -		$ -	1	$ 143		$ -		$ -	4.00	$ 1,085
		Design domestic service and backflow prevention		$ -		$ -	44	$ 11,088	24	$ 5,208		$ -		$ -		$ -	68.00	$ 16,296
		Design fire protection loop and hydrant system		$ -		$ -	36	$ 9,072	20	$ 4,340	8	$ 1,144		$ -		$ -	64.00	$ 14,556
		Coordination with Pinellas County		$ -		$ -	3	$ 756	8	$ 1,736		$ -		$ -	6	$ 756	17.00	$ 3,248

ATTACHMENT B
HOUR AND FEE ESTIMATE

BASIC SERVICES

Section	Sub-Task	ACTIVITY	Position: Principal Hourly Rate: $328.00		Senior Project Manager $314.00		Project Manager $252.00		Senior Project Engineer $217.00		Project Engineer $143.00		CADD Designer $135.00		Contract Administrator $126.00		TOTAL	
			Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee
	III-C02 Gravity Sewer																	
		Review utility standards, details, specifications		$ -	3	$ 942		$ -		$ -	1	$ 143		$ -		$ -	4.00	$ 1,085
		Design wastewater service and lateral connection		$ -		$ -	32	$ 8,064	16	$ 3,472	8	$ 1,144		$ -		$ -	56.00	$ 12,680
III-D.	**Traffic Signal Analysis and Design**																	
	III-D01 Traffic Signal Design		1	$ 328	4	$ 1,256	24	$ 6,048	32	$ 6,944	16	$ 2,288		$ -		$ -	77.00	$ 16,864
	III-D02 Structural and Foundation Design			$ -		$ -	8	$ 2,016	20	$ 4,340	24	$ 3,432		$ -		$ -	52.00	$ 9,788
		SUBTOTAL Civil Design:	***12***	***$ 3,936***	***74***	***$ 23,236***	***435***	***$ 109,620***	***596***	***$ 129,332***	***704***	***$ 100,672***	***776***	***$ 104,760***	***6***	***$ 756***	***2603.00***	***$ 472,312***
III-E.	**Electrical Design**																	
		Size electrical room(s), switchgear, panels, and distribution, including load calcs		$ -	1	$ 314	6	$ 1,512	20	$ 4,340	20	$ 2,860		$ -		$ -	47.00	$ 9,026
		Design EV charging infrastructure		$ -	1	$ 314	4	$ 1,008	4	$ 868	8	$ 1,144		$ -		$ -	17.00	$ 3,334
		Lighting Design including photometrics		$ -	3	$ 942	10	$ 2,520	20	$ 4,340	24	$ 3,432		$ -		$ -	57.00	$ 11,234
III-F.	**Low Voltage Design**										0							
		VMS, NVR, and surveillance camera design		$ -		$ -		$ -	8	$ 1,736	4	$ 572	4	$ 540		$ -	16.00	$ 2,848
		Access Control system design		$ -		$ -		$ -	4	$ 868	8	$ 1,144	8	$ 1,080		$ -	20.00	$ 3,092
		Size MDF, IDF, and IT racks		$ -		$ -		$ -	4	$ 868	4	$ 572	4	$ 540		$ -	12.00	$ 1,980
III-G.	**Mechanical Design**																	
		Design HVAC systems for MDF, IDF, fire pump room, and electrical rooms		$ -	2	$ 628	4	$ 1,008	12	$ 2,604	8	$ 1,144		$ -		$ -	26.00	$ 5,384
		HVAC load calcs, Energy Code Calcs, Select Equipment, Size Ventilation		$ -		$ -	4	$ 1,008	8	$ 1,736	4	$ 572		$ -		$ -	16.00	$ 3,316
III-H.	**Plumbing Design**																	
		Design domestic water, sanitary, and storm drainage systems for garage and toll plaza restrooms		$ -	1	$ 314	4	$ 1,008	12	$ 2,604	8	$ 1,144		$ -		$ -	25.00	$ 5,070
		Design hose bibb system for garage floors		$ -		$ -	4	$ 1,008	12	$ 2,604	4	$ 572		$ -		$ -	20.00	$ 4,184
III-I.	**Fire Protection Design**																	
		Design dry-type sprinkler and standpipe systems		$ -	2	$ 628	2	$ 504	24	$ 5,208	10	$ 1,430	4	$ 540		$ -	42.00	$ 8,310
		Design fire pump system with primary/jockey pumps, controllers, FDC, and test header		$ -	1	$ 314	2	$ 504	16	$ 3,472	4	$ 572	4	$ 540		$ -	27.00	$ 5,402
		Design fire pump room layout and system components		$ -	1	$ 314	2	$ 504	10	$ 2,170	4	$ 572	6	$ 810		$ -	23.00	$ 4,370
		SUBTOTAL MEP/FP Design:	***0***	***$ -***	***12***	***$ 3,768***	***42***	***$ 10,584***	***154***	***$ 33,418***	***110***	***$ 15,730***	***30***	***$ 4,050***	***0***	***$ -***	***348.00***	***$ 67,550***
III-J.	**Deliverable Milestones**																	
	III-I01 Schematic Design																	
		Plans (Figures Carried from Sheet List Tab)	0	$ -	0	$ -	23	$ 5,796	74	$ 16,058	110	$ 15,730	188	$ 25,380	0	$ -	395.00	$ 62,964
		Quality Control Review	1	$ 328	24	$ 7,536		$ -		$ -	6	$ 858	20	$ 2,700		$ -	51.00	$ 11,422
		Review Meeting		$ -	4	$ 1,256	2	$ 504		$ -	2	$ 286		$ -		$ -	8.00	$ 2,046
	III-I02 Design Development																	
		Plans (Figures Carried from Sheet List Tab)	0	$ -	0	$ -	69	$ 17,388	221	$ 47,957	329	$ 47,047	563	$ 76,005	0	$ -	1182.00	$ 188,397
		Technical Specifications		$ -		$ -	6	$ 1,512	30	$ 6,510	40	$ 5,720		$ -	40	$ 5,040	116.00	$ 18,782
		Quality Control Review	2	$ 656	36	$ 11,304		$ -		$ -	12	$ 1,716	30	$ 4,050	8	$ 1,008	88.00	$ 18,734
		Review Meeting		$ -	6	$ 1,884	3	$ 756		$ -	3	$ 429		$ -		$ -	12.00	$ 3,069
	III-I03 50% Design																	
		Plans (Figures Carried from Sheet List Tab)	0	$ -	0	$ -	62	$ 15,624	196	$ 42,532	293	$ 41,899	499	$ 67,365	0	$ -	1050.00	$ 167,420
		Technical Specifications		$ -		$ -	10	$ 2,520	24	$ 5,208	30	$ 4,290		$ -	36	$ 4,536	100.00	$ 16,554
		Quality Control Review	3	$ 984	40	$ 12,560		$ -		$ -	8	$ 1,144	20	$ 2,700		$ -	71.00	$ 17,388
		SUBTOTAL Deliverables:	***6***	***$ 1,968***	***110***	***$ 34,540***	***175***	***$ 44,100***	***545***	***$ 118,265***	***833***	***$ 119,119***	***1320***	***$ 178,200***	***84***	***$ 10,584***	***3073.00***	***$ 506,776***

ATTACHMENT B
HOUR AND FEE ESTIMATE

BASIC SERVICES

Section	Sub-Task	ACTIVITY	Position	Principal		Senior Project Manager		Project Manager		Senior Project Engineer		Project Engineer		CADD Designer		Contract Administrator		TOTAL	
			Hourly Rate	$328.00		$314.00		$252.00		$217.00		$143.00		$135.00		$126.00			
				Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee
IV	**Permitting**																		
	IV-A	**Pre-Application Meetings**																	
		Pinellas County			$ -	1	$ 314	1	$ 252	2	$ 434		$ -	6	$ 810		$ -	10.00	$ 1,810
		FDOT			$ -		$ -	2	$ 504	2	$ 434		$ -	6	$ 810		$ -	10.00	$ 1,748
		City of Largo			$ -	1	$ 314	1	$ 252	1	$ 217		$ -	2	$ 270		$ -	5.00	$ 1,053
		SWFWMD			$ -		$ -	1	$ 252	3	$ 651		$ -	4	$ 540		$ -	8.00	$ 1,443
		Duke Energy			$ -		$ -	2	$ 504	4	$ 868		$ -	2	$ 270		$ -	8.00	$ 1,642
	IV-B	**Permit Application and Submittal**																	
		Pinellas County Development Permit			$ -	6	$ 1,884	8	$ 2,016	12	$ 2,604	16	$ 2,288	4	$ 540		$ -	46.00	$ 9,332
		Pinellas County Floodplain Development Permit			$ -	4	$ 1,256	24	$ 6,048	20	$ 4,340	32	$ 4,576	6	$ 810		$ -	86.00	$ 17,030
		FAA iOEAAA			$ -	1	$ 314	2	$ 504	4	$ 868	8	$ 1,144	4	$ 540	2	$ 252	21.00	$ 3,622
		FAA NEPA Compliance (Documented CATEX)			$ -		$ -	8	$ 2,016	40	$ 8,680	80	$ 11,440		$ -	20	$ 2,520	148.00	$ 24,656
		FAA CSPP			$ -	1	$ 314	4	$ 1,008		$ -	16	$ 2,288		$ -	8	$ 1,008	29.00	$ 4,618
		FDEP Potable Water			$ -	3	$ 942	6	$ 1,512	4	$ 868	8	$ 1,144		$ -	2	$ 252	23.00	$ 4,718
		FDEP Wastewater			$ -	3	$ 942	6	$ 1,512	4	$ 868	8	$ 1,144		$ -	2	$ 252	23.00	$ 4,718
		FDOT Drainage Connection Permit			$ -	1	$ 314	2	$ 504	4	$ 868	16	$ 2,288		$ -	1	$ 126	24.00	$ 4,100
		FDOT Construction Agreement			$ -		$ -	1	$ 252	6	$ 1,302	12	$ 1,716	16	$ 2,160	6	$ 756	41.00	$ 6,186
		FDOT Driveway Connection Permit			$ -		$ -	1	$ 252	4	$ 868	16	$ 2,288	20	$ 2,700		$ -	41.00	$ 6,108
		SWFWMD ERP (Major Mod)			$ -	2	$ 628	8	$ 2,016	16	$ 3,472	16	$ 2,288		$ -		$ -	42.00	$ 8,404
		Duke Energy New Garage Primary power			$ -	2	$ 628	3	$ 756	8	$ 1,736	10	$ 1,430		$ -		$ -	23.00	$ 4,550
		Duke Energy Existing Transformer Modifications			$ -	1	$ 314	2	$ 504	6	$ 1,302	6	$ 858		$ -		$ -	15.00	$ 2,978
		Duke Energy Primary Power Modifications at Curbside			$ -	3	$ 942	4	$ 1,008	10	$ 2,170	12	$ 1,716		$ -		$ -	29.00	$ 5,836
	IV-C	**Indirect Permit Support**																	
		Pinellas County Building Permit			$ -		$ -		$ -	4	$ 868	8	$ 1,144	10	$ 1,350	8	$ 1,008	30.00	$ 4,370
		SUBTOTAL Permitting:		*0*	*$ -*	*17*	*$ 9,106*	*47*	*$ 21,672*	*110*	*$ 33,418*	*216*	*$ 37,752*	*50*	*$ 10,800*	*49*	*$ 6,174*	*489.00*	*$ 118,922*
		TOTALS		**30**	**$ 9,840**	**284**	**$ 89,176**	**921**	**$ 232,092**	**1481**	**$ 321,377**	**2019**	**$ 288,717**	**2226**	**$ 300,510**	**165**	**$ 20,790**	**7126.00**	**$ 1,262,502**

TOTAL BASIC SERVICES $ 1,262,502.00

ATTACHMENT B
HOUR AND FEE ESTIMATE

PLAN SHEET PREPARATION - BASIC SERVICES

Position		Principal		Senior Project Manager		Project Manager		Senior Project Engineer		Project Engineer		CADD Designer		Contract Administrator				TOTAL	
Hourly Rate		$328.00		$314.00		$252.00		$217.00		$143.00		$135.00		$126.00					
	No. of sheets	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee			Hours	Fee
ENGINEERING/ DESIGN AND PLAN SHEET PREPARATION																			
GENERAL DRAWINGS																			
COVER SHEET	1		$0		$0	1	$252		$0		$0	4	$540		$0			5.00	$ 792.00
INDEX OF DRAWINGS	1		$0		$0	1	$252	4	$868		$0	8	$1,080		$0			13.00	$ 2,200.00
PROJECT LAYOUT	1		$0		$0	4	$1,008	4	$868	6	$858	12	$1,620		$0			26.00	$ 4,354.00
GENERAL NOTES	1		$0		$0	2	$504	4	$868		$0	4	$540		$0			10.00	$ 1,912.00
AIRSPACE PLAN	1		$0		$0	4	$1,008	8	$1,736	12	$1,716	20	$2,700		$0			44.00	$ 7,160.00
OVERALL PHASING PLAN	1		$0		$0	4	$1,008	12	$2,604	8	$1,144	16	$2,160		$0			40.00	$ 6,916.00
CONSTRUCTION SAFETY NOTES & DETAILS	3		$0		$0	4	$1,008	8	$1,736	8	$1,144	10	$1,350		$0			30.00	$ 5,238.00
CONSTRUCTION PHASING PLANS	10		$0		$0	8	$2,016	12	$2,604	24	$3,432	40	$5,400		$0			84.00	$ 13,452.00
SURVEY CONTROL PLAN	2		$0		$0	4	$1,008	4	$868	6	$858	12	$1,620		$0			26.00	$ 4,354.00
GEOTECHNICAL INVESTIGATION PLAN	4		$0		$0	1	$252	1	$217		$0	12	$1,620		$0			14.00	$ 2,089.00
GEOTECHNICAL INVESTIGATION DETAILS	3		$0		$0	1	$252	1	$217		$0	8	$1,080		$0			10.00	$ 1,549.00
SUBSURFACE UTILITY ENGINEERING PLAN	3		$0		$0	2	$504	2	$434	4	$572	10	$1,350		$0			18.00	$ 2,860.00
EXISTING INFORMATION PLAN (1":30' TYP)	10		$0		$0	2	$504	12	$2,604		$0	30	$4,050		$0			44.00	$ 7,158.00
CIVIL DRAWINGS																			
EROSION CONTROL PLAN	10		$0		$0	4	$1,008	8	$1,736	6	$858	32	$4,320		$0			50.00	$ 7,922.00
EROSION CONTROL DETAILS	1		$0		$0	1	$252	8	$1,736	8	$1,144	16	$2,160		$0			33.00	$ 5,292.00
DEMOLITION PLAN	10		$0		$0	8	$2,016	16	$3,472	32	$4,576	40	$5,400		$0			96.00	$ 15,464.00
GEOMETRY AND SITE PLAN	10		$0		$0	4	$1,008	24	$5,208	32	$4,576	36	$4,860		$0			96.00	$ 15,652.00
FENCING PLAN	5		$0		$0	4	$1,008	8	$1,736	16	$2,288	16	$2,160		$0			44.00	$ 7,192.00
FENCING DETAILS	5		$0		$0	6	$1,512	16	$3,472	24	$3,432	30	$4,050		$0			76.00	$ 12,466.00
TYPICAL SECTIONS AND CONSTRUCTION DETAILS	10		$0		$0	4	$1,008	16	$3,472	24	$3,432	30	$4,050		$0			74.00	$ 11,962.00
GRADING PLAN AND PROFILE	14		$0		$0	6	$1,512	24	$5,208	40	$5,720	60	$8,100		$0			130.00	$ 20,540.00
EXISTING AND PROPOSED BASIN MAPS*	8		$0		$0	12	$3,024	20	$4,340	30	$4,290	60	$8,100		$0			122.00	$ 19,754.00
DRAINAGE PROFILES	4		$0		$0	8	$2,016	16	$3,472	30	$4,290	40	$5,400		$0			94.00	$ 15,178.00
DRAINAGE DETAILS	1		$0		$0	4	$1,008	16	$3,472	8	$1,144	24	$3,240		$0			52.00	$ 8,864.00
CROSS SECTIONS	10		$0		$0	3	$756	12	$2,604	20	$2,860	50	$6,750		$0			85.00	$ 12,970.00
PAVEMENT MARKING PLAN	8		$0		$0	2	$504	2	$434	16	$2,288	24	$3,240		$0			44.00	$ 6,466.00
PAVEMENT MARKING DETAILS	3		$0		$0	4	$1,008	1	$217	8	$1,144	20	$2,700		$0			33.00	$ 5,069.00
WATER AND SEWER PLAN AND PROFILE	4		$0		$0	6	$1,512	20	$4,340	40	$5,720	60	$8,100		$0			126.00	$ 19,672.00
WATER AND SEWER DETAILS	8		$0		$0	4	$1,008	12	$2,604	16	$2,288	24	$3,240		$0			56.00	$ 9,140.00
UTILITY CONFLICT/CROSSING DETAILS	2		$0		$0	1	$252	12	$2,604	16	$2,288	20	$2,700		$0			49.00	$ 7,844.00
FDOT ROW UTILITY ADJUSTMENTS	5		$0		$0	1	$252	4	$868	12	$1,716	20	$2,700		$0			37.00	$ 5,536.00
TRAFFIC DRAWINGS																			
TRAFFIC SIGNAL PLAN	3		$0		$0	4	$1,008	16	$3,472	20	$2,860	24	$3,240		$0			64.00	$ 10,580.00
TRAFFIC SIGNAL NOTES	1		$0		$0	2	$504	12	$2,604	8	$1,144	16	$2,160		$0			38.00	$ 6,412.00
TRAFFIC SIGNAL MISC DETAILS	2		$0		$0		$0	4	$868	12	$1,716	16	$2,160		$0			32.00	$ 4,744.00
TRAFFIC SIGNAL MAST ARM DETAILS	2		$0		$0	1	$252	12	$2,604	8	$1,144	24	$3,240		$0			45.00	$ 7,240.00
LOW VOLTAGE DRAWINGS																			
LOW VOLTAGE LEGEND & NOTES	1		$0		$0		$0	1	$217		$0	4	$540		$0			5.00	$ 757.00
LOW VOLTAGE SITE PLAN	1		$0		$0		$0	1	$217	10	$1,430	8	$1,080		$0			19.00	$ 2,727.00
LOW VOLTAGE GARAGE PLAN LEVEL 1	2		$0		$0	1	$252	1	$217	3	$429	4	$540		$0			9.00	$ 1,438.00
LOW VOLTAGE GARAGE PLAN LEVEL 2	2		$0		$0		$0	1	$217	3	$429	4	$540		$0			8.00	$ 1,186.00
LOW VOLTAGE GARAGE PLAN LEVEL 3	2		$0		$0		$0	1	$217	3	$429	4	$540		$0			8.00	$ 1,186.00
LOW VOLTAGE GARAGE PLAN LEVEL 4	2		$0		$0		$0	1	$217	3	$429	4	$540		$0			8.00	$ 1,186.00
LOW VOLTAGE TOLL PLAZA PLAN	1		$0		$0	1	$252	2	$434	3	$429	3	$405		$0			9.00	$ 1,520.00
LOW VOLTAGE ENLARGED PLANS	2		$0		$0	2	$504	8	$1,736	8	$1,144	10	$1,350		$0			28.00	$ 4,734.00
LOW VOLTAGE DETAILS	3		$0		$0		$0	6	$1,302	8	$1,144	8	$1,080		$0			22.00	$ 3,526.00
LOW VOLTAGE BLOCK DIAGRAMS	2		$0		$0		$0	4	$868	8	$1,144	6	$810		$0			18.00	$ 2,822.00
LOW VOLTAGE RISER DIAGRAM	1		$0		$0	1	$252	4	$868	6	$858	4	$540		$0			15.00	$ 2,518.00

ATTACHMENT B
HOUR AND FEE ESTIMATE

PLAN SHEET PREPARATION - BASIC SERVICES

Position		Principal		Senior Project Manager		Project Manager		Senior Project Engineer		Project Engineer		CADD Designer		Contract Administrator			TOTAL	
Hourly Rate		$328.00		$314.00		$252.00		$217.00		$143.00		$135.00		$126.00				
	No. of sheets	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee		Hours	Fee
ELECTRICAL DRAWINGS																		
ELECTRICAL LEGEND & NOTES	1		$0		$0		$0	1	$217	1	$143	3	$405		$0		5.00	$ 765.00
ELECTRICAL DEMOLITION PLAN	1		$0		$0	1	$252	4	$868	4	$572	8	$1,080		$0		17.00	$ 2,772.00
ELECTRICAL SITE PLAN	1		$0		$0	1	$252	4	$868	4	$572	8	$1,080		$0		17.00	$ 2,772.00
ELECTRICAL GARAGE POWER PLAN LEVEL 1	1		$0		$0	1	$252	1	$217	2	$286	4	$540		$0		8.00	$ 1,295.00
ELECTRICAL GARAGE POWER PLAN LEVEL 2	1		$0		$0		$0	1	$217	2	$286	4	$540		$0		7.00	$ 1,043.00
ELECTRICAL GARAGE POWER PLAN LEVEL 3	1		$0		$0		$0	1	$217	2	$286	4	$540		$0		7.00	$ 1,043.00
ELECTRICAL GARAGE POWER PLAN LEVEL 4	1		$0		$0		$0	1	$217	2	$286	4	$540		$0		7.00	$ 1,043.00
ELECTRICAL GARAGE LIGHTING PLAN LEVEL 1	1		$0		$0	1	$252	1	$217	2	$286	6	$810		$0		10.00	$ 1,565.00
ELECTRICAL GARAGE LIGHTING PLAN LEVEL 2	1		$0		$0		$0	1	$217	2	$286	6	$810		$0		9.00	$ 1,313.00
ELECTRICAL GARAGE LIGHTING PLAN LEVEL 3	1		$0		$0		$0	1	$217	2	$286	6	$810		$0		9.00	$ 1,313.00
ELECTRICAL GARAGE LIGHTING PLAN LEVEL 4	1		$0		$0		$0	1	$217	2	$286	6	$810		$0		9.00	$ 1,313.00
ELECTRICAL SITE LIGHTING PLAN	5		$0		$0	2	$504	8	$1,736	10	$1,430	24	$3,240		$0		44.00	$ 6,910.00
ELECTRICAL ENLARGED PLANS	4		$0		$0	1	$252	6	$1,302	12	$1,716	16	$2,160		$0		35.00	$ 5,430.00
ELECTRICAL TOLL PLAZA POWER PLAN	1		$0		$0	1	$252	2	$434	2	$286	4	$540		$0		9.00	$ 1,512.00
ELECTRICAL TOLL PLAZA LIGHTING PLAN	1		$0		$0	1	$252	3	$651	3	$429	4	$540		$0		11.00	$ 1,872.00
ELECTRICAL GARAGE GROUNDING PLAN	1		$0		$0		$0	3	$651	3	$429	8	$1,080		$0		14.00	$ 2,160.00
ELECTRICAL GARAGE LIGHTNING PROTECTION P	1		$0		$0		$0	3	$651	3	$429	8	$1,080		$0		14.00	$ 2,160.00
ELECTRICAL DETAILS	5		$0		$0		$0	8	$1,736	10	$1,430	16	$2,160		$0		34.00	$ 5,326.00
ELECTRICAL RISER DIAGRAM	1		$0		$0	1	$252	1	$217	6	$858	4	$540		$0		12.00	$ 1,867.00
ELECTRICAL PANEL SCHEDULES	2		$0		$0		$0	4	$868	4	$572	6	$810		$0		14.00	$ 2,250.00
MECHANICAL DRAWINGS																		
MECHANICAL LEGEND & NOTES	1		$0		$0		$0	1	$217		$0	2	$270		$0		3.00	$ 487.00
MECHANICAL GARAGE PLAN LEVEL 1	1		$0		$0	1	$252	1	$217	2	$286	6	$810		$0		10.00	$ 1,565.00
MECHANICAL GARAGE PLAN LEVEL 2	1		$0		$0		$0	1	$217	2	$286	6	$810		$0		9.00	$ 1,313.00
MECHANICAL GARAGE PLAN LEVEL 3	1		$0		$0		$0	1	$217	2	$286	6	$810		$0		9.00	$ 1,313.00
MECHANICAL GARAGE PLAN LEVEL 4	1		$0		$0		$0	1	$217	2	$286	6	$810		$0		9.00	$ 1,313.00
MECHANICAL ENLARGED PLANS	2		$0		$0		$0	2	$434	6	$858	12	$1,620		$0		20.00	$ 2,912.00
MECHANICAL DETAILS	1		$0		$0	1	$252	2	$434	3	$429	8	$1,080		$0		14.00	$ 2,195.00
MECHANICAL SCHEDULES	1		$0		$0		$0	2	$434	4	$572	8	$1,080		$0		14.00	$ 2,086.00
MECHANICAL CONTROLS	1		$0		$0	2	$504	2	$434	8	$1,144	4	$540		$0		16.00	$ 2,622.00
PLUMBING DRAWINGS																		
PLUMBING LEGEND & NOTES	1		$0		$0		$0		$0	2	$286	2	$270		$0		4.00	$ 556.00
PLUMBING GARAGE PLAN LEVEL 1	1		$0		$0	1	$252	3	$651	5	$715	8	$1,080		$0		17.00	$ 2,698.00
PLUMBING GARAGE PLAN LEVEL 2	1		$0		$0		$0	3	$651	5	$715	8	$1,080		$0		16.00	$ 2,446.00
PLUMBING GARAGE PLAN LEVEL 3	1		$0		$0		$0	3	$651	5	$715	8	$1,080		$0		16.00	$ 2,446.00
PLUMBING GARAGE PLAN LEVEL 4	1		$0		$0		$0	3	$651	5	$715	8	$1,080		$0		16.00	$ 2,446.00
PLUMBING TOLL PLAZA PLAN	1		$0		$0	1	$252	1	$217	4	$572	6	$810		$0		12.00	$ 1,851.00
PLUMBING DETAILS	1		$0		$0	1	$252	1	$217	2	$286	6	$810		$0		10.00	$ 1,565.00
PLUMBING RISERS	3		$0		$0		$0	4	$868	6	$858	10	$1,350		$0		20.00	$ 3,076.00

ATTACHMENT B
HOUR AND FEE ESTIMATE

PLAN SHEET PREPARATION - BASIC SERVICES

Position		Principal		Senior Project Manager		Project Manager		Senior Project Engineer		Project Engineer		CADD Designer		Contract Administrator			TOTAL	
Hourly Rate		$328.00		$314.00		$252.00		$217.00		$143.00		$135.00		$126.00				
	No. of sheets	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee	Hours	Fee		Hours	Fee
FIRE PROTECTION DRAWINGS																		
FIRE PROTECTION LEGEND & NOTES	1		$0		$0		$0		$0		$0	2	$270		$0		2.00	$ 270.00
FIRE PROTECTION SITE PLAN	1		$0		$0	2	$504	4	$868	4	$572	8	$1,080		$0		18.00	$ 3,024.00
FIRE PROTECTION GARAGE PLAN LEVEL 1	1		$0		$0	1	$252	3	$651	6	$858	8	$1,080		$0		18.00	$ 2,841.00
FIRE PROTECTION GARAGE PLAN LEVEL 2	1		$0		$0		$0	3	$651	6	$858	8	$1,080		$0		17.00	$ 2,589.00
FIRE PROTECTION GARAGE PLAN LEVEL 3	1		$0		$0		$0	3	$651	6	$858	8	$1,080		$0		17.00	$ 2,589.00
FIRE PROTECTION GARAGE PLAN LEVEL 4	1		$0		$0		$0	3	$651	6	$858	8	$1,080		$0		17.00	$ 2,589.00
FIRE PROTECTION ENLARGED PLANS	1		$0		$0	1	$252	4	$868	6	$858	8	$1,080		$0		19.00	$ 3,058.00
FIRE PROTECTION DETAILS	2		$0		$0	1	$252	4	$868	8	$1,144	10	$1,350		$0		23.00	$ 3,614.00
SUBTOTAL ENGINEERING/ DESIGN AND PLAN SHEET PREPARATION:	*247*	*0*	*$0*	*0*	*$0*	*154*	*$38,808*	*491*	*$106,547*	*732*	*$104,676*	*1250*	*$168,750*	*0*	*$0*		*2627.00*	*$ 418,781.00*
TOTALS:		**0**	**$0**	**0**	**$0**	**154**	**$38,808**	**491**	**$106,547**	**732**	**$104,676**	**1250**	**$168,750**	**0**	**$0**		**2627.00**	**$ 418,781.00**

TOTAL PLAN SHEET PREPARATION - BASIC SERVICES: $ 418,781.00

BREAKDOWN OF PLAN SHEET PREPARATION EFFORT BY SUBMITTAL (FIGURES CARRIED TO CORRESPONDING BASIC SERVICES SECTION)

	PERCENTAGE																	
Schematic Design	15	0	$0	0	$0	23	$5,796	74	$16,058	110	$15,730	188	$25,380	0	$0		395.00	$ 62,964.00
Design Development	45	0	$0	0	$0	69	$17,388	221	$47,957	329	$47,047	563	$76,005	0	$0		1182.00	$ 188,397.00
50% Design	40	0	$0	0	$0	62	$15,624	196	$42,532	293	$41,899	499	$67,365	0	$0		1050.00	$ 167,420.00
TOTAL ENGINEERING/ DESIGN AND PLAN SHEET PREPARATION:	**100**	**0**	**$0**	**0**	**$0**	**154**	**$38,808**	**491**	**$106,547**	**732**	**$104,676**	**1250**	**$168,750**	**0**	**$0**		**2627.00**	**$ 418,781.00**

*PLAN SHEETS PREPARED FOR PERMIT APPLICATIONS OR OTHER SUBMITTALS NOT INCLUDED IN THE CONSTRUCTION PLAN SET.

ATTACHMENT B
HOUR AND FEE ESTIMATE

BASIC SERVICES (SPECIAL SUBCONSULTANT SERVICES)

SPECIAL SUBCONSULTANT SERVICES - DESIGN

	SERVICE	TOTAL	CONSULTANT
1	Environmental Permit Support	$43,682.00	Environmental Science Associates, Inc.
2	Traffic Analysis and Signage Support	$413,316.00	GFT, Inc.

TOTAL BASIC SERVICES (SPECIAL SUBCONSULTANT SERVICES): $ 456,998.00

OPTIONAL OR CONTINGENT SUBCONSULTANT SERVICES - DESIGN

	SERVICE	TOTAL	CONSULTANT
1	USACE Permitting (if req'd)	$10,636.00	Environmental Science Associates, Inc.
2	Curbside VISSIM Analysis	$113,610.00	GFT, Inc.

TOTAL OPTIONAL OR CONTINGENT SUBCONSULTANT SERVICES - DESIGN: $ 124,246.00

ATTACHMENT B
HOUR AND FEE ESTIMATE

EXPENSES

DESIGN PHASE EXPENSES

PERMITTING FEES

Pinellas County Development Permit	$	200.00	
Pinellas County Floodplain Development Permit	$	-	No Fee Anticipated
FAA iOEAAA	$	-	No Fee Anticipated
FAA NEPA Compliance	$	-	No Fee Anticipated
FAA CSPP	$	-	No Fee Anticipated
FDEP Potable Water	$	330.00	
FDEP Wastewater	$	250.00	
FDOT Drainage Connection Permit	$	-	No Fee Anticipated
FDOT Construction Agreement	$	-	No Fee Anticipated
FDOT Driveway Connection Permit	$	250.00	
SWFWMD ERP (Major Mod)	$	3,322.00	
Duke Energy New Garage Primary power	$	-	*Duke Energy fees are variable based upon the requirements of each project and generally
Duke Energy Existing Transformer Modifications	$	-	take the form of construction invoices for Duke Energy-performed activities. Client or Owner
Duke Energy Primary Power Modifications at Curbside	$	-	will be responsible for paying construction fees imposed by Duke Energy.

TOTAL DESIGN PHASE EXPENSES $ 4,352.00

AVCON, INC.
ENGINEERS & PLANNERS

4500 140th Avenue, Suite E105
Clearwater, Florida 33762
813.321.5588
avconinc.com

ATTACHMENT C

PROJECT SCOPE EXHIBIT

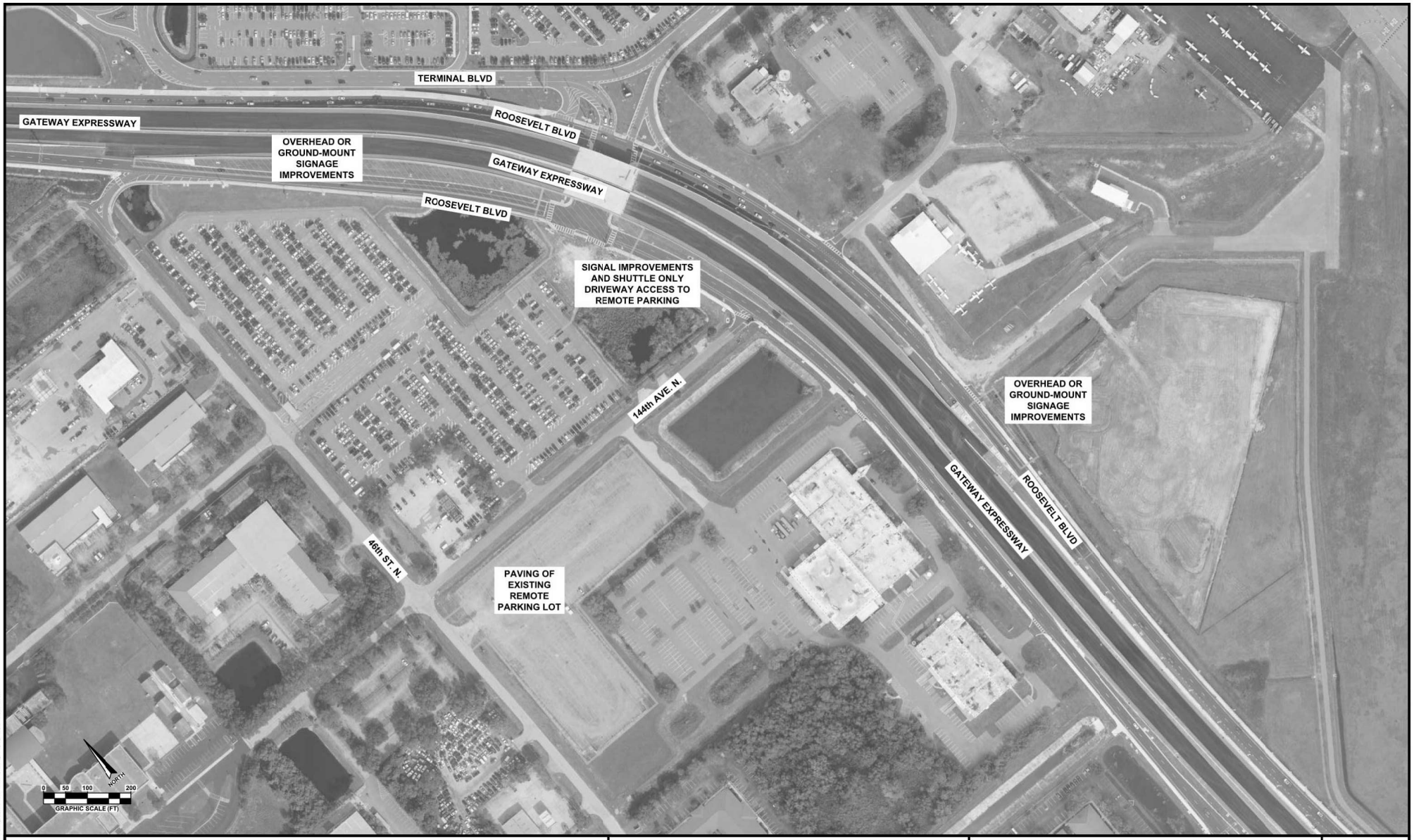
PIE NEW PARKING GARAGE

AVCON, INC.
ENGINEERS & PLANNERS
4500 144TH AVENUE, SUITE E105 – CLEARWATER, FL 33762
OFFICE: (813) 321-5588 – FAX: (813) 599-1133
CORPORATE CERTIFICATE OF AUTHORIZATION NO. 5057
WWW.AVCONINC.COM

PROJECT SCOPE

EX-C
1 OF 2

\\Avprojects\01_airports_060709\Projects\2025\2025.2648.01 – PIE New Parking Garage\2025.2648.01 – CADD\Pre-Contract\PrelimDesign\PIE LOT EXHIBIT.dwg 10/2/2025 1:24 PM



PIE NEW PARKING GARAGE

AVCON, INC.
ENGINEERS & PLANNERS
4500 144TH AVENUE, SUITE E105 – CLEARWATER, FL 33762
OFFICE: (813) 321-5588 – FAX: (813) 599-1133
CORPORATE CERTIFICATE OF AUTHORIZATION NO. 5057
WWW.AVCONINC.COM

PROJECT SCOPE

EX-C
2 OF 2

\\Avprojects\01_airports_040709\Projects\2025\2025.2648.01 - PIE New Parking Garage\2025.2648.01 - CADD\Pre-Contract\PrelimDesign\PIE LOT EXHIBIT.dwg 10/2/2025 11:46 AM

AVCON, INC.
ENGINEERS & PLANNERS

4500 140th Avenue, Suite E105
Clearwater, Florida 33762
813.321.5588
avconinc.com

ATTACHMENT D

SUBCONSULTANTS' SCOPE AND FEE

ESA
5404 Cypress Center Drive
Suite 125
Tampa, FL 33609
813.207.7200 phone
esassoc.com

October 8, 2025

SCOPE OF SERVICES

Environmental Support for St Pete-Clearwater International Airport (PIE) Strawberry Parking Garage Design-Build Project

ESA is pleased to provide this general scope of services to provide comprehensive environmental support to AVCON for the Strawberry parking garage project at PIE. The primary "project" is the design-build construction of a parking garage and expanded surface parking lot where the Strawberry PIE parking lot is today along Fairchild drive. Several other ancillary items associated with that include:

- Reconfiguration of the concession/delivery area, and reconfiguration of the taxi and shuttle pickup lot, both intended to add protective canopies to add dedicated shuttle pickup and drop-offs
- Adding a shuttle-only entrance and exit to the Key Lime PIE lot on the southwest side of the main airport entrance.
- Adding a few overhead signs along Roosevelt Blvd.
- Paving of existing remote lot

ESA will provide the following services in support of this development program.

Task 1: Design Phase Services

ESA will provide environmental services during the design phase to support the design and permitting for the proposed project. Services will include the following:

Wetlands and Surface Waters

ESA will delineate wetlands and surface waters pursuant to the State of Florida Landward Extent of Wetlands and Surface Waters, Chapter 62-340, F.A.C. within the project boundaries. ESA will record limits using GPS to denote the jurisdictional boundary lines to be utilized in production of maps depicting the wetland boundaries and quantification of wetland acreage within the project limits.

ESA will evaluate the areas within the identified project limits for the presence of federally regulated Waters of the U.S. (WOTUS). Upon completion of the wetland delineation, ESA will determine whether a Jurisdictional Determination from the Department of the Army, Corps of Engineers will be required. If needed, a Jurisdictional Determination package will be prepared and submitted to the USACE for review and concurrence. If there are no regulated WOTUS within project limits, a "No Permit Required"

determination is appropriate. If there are regulated WOTUS, a section 404 permit from the USACE would be required.

SWFWMD Environmental Resource Permit (ERP) Support

In support of the SWFWMD permitting ESA will provide the following:

- Transmittal of base (GPS) files of any delineated wetlands and surface waters to AVCON for use in development of permit drawings.
- Environmental report and support for the ERP application including:
  - Description of upland and wetland vegetative communities
  - Description of wetland impacts including wetland delineation pursuant to 64-340, FAC and value of wetland pursuant to 62-345, F.A.C. (Uniform Mitigation Assessment Methodology (UMAM)
  - A review for the occurrence of listed wildlife and plant species
  - Discussion of permit issuance criteria
  - Discussion of public interest criteria
  - Discussion of avoidance and minimization
  - Supporting graphics and mapping
  - Mitigation plan (limited to mitigation bank credits) and coordination
- ESA will complete one (1) site review and up to one (1) additional call or virtual meeting with SWFWMD
- Consultant will respond to up to two (2) Requests for Additional Information from SWFWMD.

USACE Section 404 Permitting ***(if required – OPTIONAL)***

If the field reviews identify jurisdictional WOTUS, ESA will prepare documentation to coordinate with the USACE in support of a jurisdictional determination. If the jurisdictional determination identifies that the project will not qualify for a No Permit Required, ESA will prepare documentation to coordinate with the USACE in support of a Nationwide Permit or Individual Permit. If the impacts to jurisdictional WOTUS exceed 1/10 acre, it would require an IP. ESA will respond to one (1) RFI from the USACE.

Listed Species Survey and Coordination

ESA will conduct site review(s) to document the existing conditions related to habitat and potential for occurrence by listed species within the project limits. A summary of the site conditions, habitat and likelihood of occurrence for listed species will be summarized in the Environmental Considerations report that will be included in the ERP application. This will also be used for future tortoise permitting, if required.

Gopher Tortoise Preliminary Survey

ESA biologists will conduct a Florida Fish and Wildlife Conservation Commission (FWC) 15% gopher tortoise (*Gopherus polyphemus*) burrow survey within the Project footprint to identify the potential number of tortoise burrows within the project limits. All burrows identified in or within 25-feet of the portions of the Project footprint surveyed (15%) will be field flagged and located utilizing a sub-meter GPS unit. All located burrows will be designated as "Potentially Occupied" or "Abandoned" in accordance with FWC gopher tortoises survey guidelines. The survey results will be summarized in a post-survey memorandum and exhibit(s) depicting the identified burrows will be included. The memo will also include an estimate of the total number of burrows (extrapolated per FWC methodology) anticipated to occur within the entire project area. If the number of burrows across the project exceeds 25, coordination for listed Indigo Snake would be required. If this is required, it is anticipated that a "*may affect, not likely to adversely affect*" determination for Indigo Snake will be appropriate and this will be coordinated with the US Fish and Wildlife Service. Mitigation would be required, however the cost of that mitigation is not known at this time and therefore included in this scope.

Wildlife Hazard Services

Because the proposed project includes activities that are in close proximity to the AOA, review of proposed landscaping and stormwater management to assure they do not create additional wildlife hazards will be required. ESA's FAA Qualified biologist(s) will review the proposed design and landscape plans, including plant selection, to assist with the development of a plan that does not create a hazardous wildlife attractant. This may include support for selection of landscape plants (or varietals), suggestions for planting locations or other support. This will include two (2) rounds of review and support for comments received from CLIENT and / or reviewing agencies.

Assumptions

- This scope does not include a formal or binding jurisdictional determination.
- This does not include land survey or legal description of wetland boundaries.
- It is understood that if a permit application / modification / mitigation fees are required, these fees will be paid by CLIENT.
- This task assumes access to the site is made available.
- ESA is not responsible for permit application fees, this includes SWFWMD, City, County, and FWC tortoise permit or bank fees
- ESA is not responsible for any existing property encumbrances.

Budget

Services identified in this scope will be provided for the fixed lump sum fee of $54,318.00 (including one OPTIONAL task) in accordance with the attached fee sheet.

Task 2: Construction Phase Services

ESA will provide a scope of services for construction phase services upon direction from AVCON.

Task #	Task Name/Description	Managing Consultant 4 $258	Senior Consultant 4 $218	Associate Consultant 3 $163	Consultant 4 $147	Project Technician 2 $110	ESA LABOR TOTAL BY HOURS / DOLLARS ESA Total Hours	ESA Labor Amount	TOTAL EXPENSE Expense Subtotal Subtotal Expense	Percent (%) Mark-Up 0%	Total Expense Total Expense	TOTAL PROJECT COST
1	**Design Phase Support - Environmental**						-	$ -	$ 750	$ -	$ 750	$ 750
	Wetlands and OSW Delineation and JD		12	12		12	36.00	$ 5,892	$ -	$ -	$ -	$ 5,892
	ERP Support and Report	6	40	24	24		94.00	$ 17,708	$ -	$ -	$ -	$ 17,708
	Listed Species (includes 15% GT survey)	2	12	24	8	8	54.00	$ 9,100	$ -	$ -	$ -	$ 9,100
	Wildlife Hazard Review and Support	4	16				20.00	$ 4,520	$ -	$ -	$ -	$ 4,520
	Project Coordination and Meetings	12	12				24.00	$ 5,712	$ -	$ -	$ -	$ 5,712
1	**Task 1 - PIE Garage Environmental Support**	**24**	**92**	**60**	**32**	**20**	**228.00**	**$ 42,932**	**$ 750**	**$ -**	**$ 750**	**$ 43,682**
	USACE Permitting - if needed (OPTIONAL)	4	24	16	12		56.00	$ 10,636	$ -	$ -	$ -	$ 10,636
2						**0**	**56.00**	**$ 10,636**	**$ -**	**$ -**	**$ -**	**$ 10,636**
	Total	**24**	**92**	**60**	**32**	**20**	**284.00**	**$ 53,568**	**$ 750**	**$ -**	**$ 750**	**$ 54,318**

Project Total with Optional Task

PROJECT COST ESTIMATE SUMMARY TABLE			
ESA Labor		$53,568	$53,568
Annual Rate Escalation Allowance		$0	$0
Contingency	0%	$0	$0
Technology and Data Management Fee	0%	$0	$0
ESA Labor Amount		**$53,568**	**$53,568**
ESA Non-Labor Expenses			
Reimbursable Expenses (Details Attachment A)		$350	$350
ESA Equipment Usage (Details Attachment A)		$400	$400
Subtotal ESA Non-Labor Expenses		**$750**	**$750**
Subconsultant Costs		**$0**	**$0**
PROJECT TOTAL		**$54,318**	**$54,318**

Attachment A
Cost Proposal: ESA Non-Labor Expenses Summary

Reimbursable Expenses		
Project Supplies	$	350
Printing/Reproduction	$	-
Document and Map Reproductions (CD + Digital Photo)	$	-
Postage and Deliveries	$	-
Mileage	$	-
Vehicle Rental	$	-
Lodging	$	-
Airfare	$	-
Other Travel Related	$	-
-	$	-
-	$	-
-	$	-
Subtotal Reimbursable Expenses	*$*	*350*
0% Fee on Reimbursable Expenses	*$*	*-*
Total Reimbursable Expenses	**$**	**350**

ESA Equipment Usage		
Project Specific Equipment:	**$**	**400**
Vehicles - Standard size (no off-road usage)	$	-
Vehicles - 4x4 /Truck (light duty)	$	-
Vehicles - 4x4 /Truck (heavy duty/off road)	$	400
Vehicles - ATV	$	-
Noise Meter	$	-
Hydroacoustic Noise Monitoring Equipment	$	-
Electrofisher	$	-
Field Traps	$	-
Digital Hypsometer (Nikon)	$	-
Backpack Sprayer	$	-
360-Degree 4k Camera	$	-
High Resolution Time-Lapse Camera	$	-
Beach Seine	$	-
Otter Trawl	$	-
Wildlife Acoustics Bat Detector	$	-
Wildlife Trail Camera	$	-
Fiber Optic Endoscope	$	-
Spotting Scope	$	-
Total Equipment Usage Costs	$	400

TOTAL NON-LABOR EXPENSES	**$**	**750**

EXHIBIT "A"
SCOPE OF SERVICES

Date:
October 1, 2025

Prepared By:
GFT Inc. (formerly TranSystems)
Steve Mikesell (sdmikesell@gftinc.com), Traffic Lead / Vice President

Location:
St. Petersburg / Clearwater International Airport (PIE)
14700 Terminal Blvd., Suite 221
Clearwater, FL 33762

Purpose:
Scope of Services and Fee Estimate: Traffic Analysis, Roundabout Feasibility Study, Signage: Strawberry Parking Garage

1.0 Background

The purpose of this task is for TranSystems (operating as GFT Infrastructure, Inc. with merger of Gannett Fleming, as of July 5, 2025) to conduct a traffic study for the subject proposed Strawberry parking garage and perform a roundabout feasibility study along with required wayfinding and related signage. The project is located at Fairchild Drive in Clearwater, Florida. The St. Pete – Clearwater International Airport ("PIE" or "Airport") is proposing to construct a four-level parking garage structure at the location of the existing Strawberry Pie parking lot. The parking garage program will consist of an approximate 1,300 space pre-cast parking garage, 500 space surface parking lot, intersection reconstruction, and other elements needed to support the parking operation. The project also seeks to reconstruct the intersection at the Roosevelt Boulevard slip ramp and Fairchild Drive to boost the capacity of left-turning vehicles heading to the Strawberry Pie lot entry plaza. The preferred improvement is a modern single-lane roundabout to improve the intersection to accommodate the increased traffic volumes anticipated with the parking garage. The roundabout is intended to serve as the primary access route for vehicles entering Strawberry Pie lot and is preferred to reduce vehicular conflicts, promote a continuous flow of traffic to reduce delays and overall congestion, and improve safety.

GFT will perform the tasks as described below. Any task not listed will be considered out of scope.

2.0 Scope of Services

This study will follow the Traffic Analysis procedures as outlined in the May 2021 FDOT Traffic Analysis Handbook and will be dependent on the individual requirements of the cities (St. Petersburg and Clearwater), County (Pinellas County) and/or State (FDOT District 7) for the individual Tasks identified below.

Task 1: Coordination with Airport and Local Agencies and Scoping (Activity Tab 21)

The project team will coordinate with local agencies and municipalities (City of Clearwater, St. Petersburg & Pinellas County) as well as FDOT District 7 to ensure that the surrounding roadway network will not be impacted by the airport traffic and that adequate capacity is available to accommodate future growth in the area. Attend one (1) scoping meeting with all stakeholder agencies, to understand the level of analysis required and discuss the methodology and assumptions for the study. The meeting will help set the study impact area and boundary for analysis and the following assumptions (at a minimum):

a. Land Use Code
b. Trip Generation Rates from ITE Trip Generation Manual / Parking Generation Manual
c. Site Trip Distribution (based on traffic count data)
d. Airport operations data, including arrival and departure data (flights and passengers) seasonally and hourly.
e. Information on current shuttle, taxi and uber operations and on how curbside traffic is managed.
f. Information on current parking lot operations (seasonal and hourly entry, exit and accumulation/occupancy data)

g. Growth rate information, seasonal factors, and peak periods (weekday and/or weekend) from the airport authority (for example from the Master Plan if it includes relevant data) and FDOT (traffic model for adjacent roadways).
h. Traffic analysis methodology and modeling, including any existing traffic counts, information on transit, bicycle and pedestrian facilities and usages, adjacent committed and planned roadway improvements and developments at the airport.
i. Which performance metrics to report from the capacity analysis and for which scenarios and time periods to run the analysis.
j. Five years of crash data for study roadways (if crash analysis is required).

There are often unexpected technical services identified during the scoping process that are not part of this scope of services. Please note that if these additional services are requested by the reviewing agencies or anyone else on the project team, the project may incur additional fees in addition to those listed in the fee estimate provided in Section IV.

Deliverable (s):

- One (1) project scoping meeting with airport and local agency staff with meeting minutes.

Task 2: Data Collection & Field Review (Activity Tab 21)

2.1 7-Day (168-Hour) Bidirectional Vehicular Counts at twenty (20) locations. (See locations Figure 1)
2.2 33-hours of Turning Movement Count (TMC) data including light vehicles, trucks, buses, taxis, limos, shuttles, pedestrian and bicycle volumes at two (2) signalized intersections, four (4) unsignalized intersections, and one entry point to the existing freeway at the Bayside Bridge (SR 611) on-ramp. Video data will be collected for 5 days (Thu-Mon), during the same time as the 7-day tube counts, but only 33 hours of video will be processed into counts across various days and hours within the 5 day period as identified from the 7-Day counts (See locations in Figure 1).
2.3 Cameras will be placed along the curbside area (6 locations) and at the cashier lanes at the main parking lot and the remote lot to collect video of the curbside operations and the cashier lane queues for the same 5-day period as the TMC counts. Using the 7-day count data, peak periods will be identified and video will be reviewed to gather queue length and headway data through the cashier lanes for use in modeling the new garage exit processing (See locations in Figure 1).
2.4 Conduct field reviews during the highest three weekday and weekend peak periods for at least one hour during up to four peak periods.
2.5 Obtain estimated seasonal and hourly traffic flow and travel routing information for the study area from StreetLight Data.

Deliverable(s):

- Data Collection Plan (See **Figure 1**)
- Field Data Collection
- Field Reviews/Observations
- Data Collection Summary

Task 3: Traffic Analysis (Activity Tab 21)

3.1 Existing Conditions traffic analysis for up to four peak periods identified from the count data.
3.2 Estimate parking accumulation spread across the various lots based on existing data and growth rates. Consult with the airport authority on the distribution of parking demand between lots (e.g. based on pricing policies) and mode split (ratio of passengers that park on site versus using taxi, rideshare, transit or personal pick-up/drop-off. Parking demand will also be checked against data from the Institute of Transportation Engineers (ITE) and other published studies. These calculations will then drive the traffic demand into and out of the proposed garage and adjacent roadways during each peak period.
3.3 Project existing conditions traffic and operations for seasonal peak periods. Total parking demand and activity will be prorated based on provided information on increases in flight and passenger data during peak days and hours. The appropriate design days/hours will be determined in consultation with the airport authority (up to four peak 4-hour periods).
3.4 Project 20-year traffic volumes for the design year analysis using a similar process as for peak existing conditions for four peak periods for airport traffic. Growth will be projected using growth in flights/passengers and estimated changes in mode split. Traffic volume projections will be developed for the study intersections (TMC locations) as well as at the Strawberry

Pie parking access points. Off-site traffic growth will be projected based on data from the FDOT traffic model and for know significant development projects that may impact airport traffic (as identified by others).

3.5 Level of Service (LOS) analysis using VISSIM to be conducted for the existing and future study network/intersection(s) shown in Figure 1, and a SIDRA analysis for the future roundabout LOS analysis. This analysis will be conducted for existing conditions, future no-build, and future build conditions for the four study periods and will include the study intersections and Strawberry Pie parking access points and cashier lanes. Traffic operations within the parking areas will not be modeled. Future build condition models will incorporate mitigation strategies, if necessary. Using both SIDRA software and VISSIM traffic simulation, we will evaluate the lane requirements, queue lengths for turn lanes at adjacent study intersections and parking lot ingress/egress driveways to ensure that traffic flows and won't create queueing or traffic congestion between the various project roadways and access points.

3.6 The study conclusions and recommended mitigations, if any, will be summarized in a report. The report will include graphics, tables, and text to effectively communicate the methodology, analysis, conclusions, and recommendations. A draft report will be submitted to the City/County/State agencies for review and comment. After review, TranSystems will finalize the report and forward a final signed and sealed copy. TranSystems will respond to one (1) round of comments from agency staff. Any additional requested edits to the traffic study report would be considered an additional service.

3.7 TranSystems will attend one (1) virtual meeting with the agencies to discuss the results of the traffic study and recommended edits to the report. Any additional meetings and/or conference calls would be considered an additional service.

NOTE: No safety or crash analysis will be performed for this study.

Task 4: Roundabout Feasibility Study (Activity Tab 21)

4.1 Our analysis will first evaluate and justify the need for a roundabout and compare its benefits to a traditional stop controlled intersection. Due to the scheduled need to know what lane arrangement will work in the future, a preliminary analysis of the operations of the roundabout will be conducted using preliminary growth factors for volumes and basic lane arrangements in SIDRA. A memo on the preliminary roundabout size and basic number of lanes will be produced. As the design progresses the roundabout will be checked using other software such as VISSIM and the SIDRA layout adjusted as well as part of the final analysis package; we do not anticipate large geometry changes (e.g. number of lanes) to change drastically by adjustments into final design, only checking and reporting the future LOS, delay, etc. as a comprehensive system.

Deliverable(s):

- Roundabout Feasibility Study - Draft Memo
- Roundabout Feasibility Study – Final Memo
- One (1) comment resolution meeting with the City and/or other stakeholder agencies.

Task 5: Curbside Traffic Operations – Spreadsheet Based (Activity Tab 21)

5.1 Estimate future traffic volume growth through the curbside area as well as pedestrian volumes, curbside maneuvers, shuttle and taxi volumes, etc. by curbside zone based on growth rates in a manner similar to Task 3 for the four analysis periods.

5.2 Perform operational analyses using the QATAR spreadsheet (ACRP Report 266). Evaluate results to approximate if congestion in the curbside area is likely to create significant impedance to parking shuttle operations through this area (likely backup/delays for the shuttle trying to access pick-up/drop-off areas or passing through in the outer traffic lane).

Deliverable(s):

- Technical memorandum summarizing spreadsheet results

Task 6: Curbside Traffic Operations – Simulation Modeling (Optional)

If Task 5 identifies potential concerns regarding shuttle operations in the curbside area, at the option of the client, this task may be executed in order to perform a more detailed analysis of the curbside area operations from the perspective of the impact on shuttle operations.

6.1 Data extraction. More detailed data will be extracted from the curbside video data collected regarding pick-up/drop-off operations, traffic flow and pedestrian activity, including curbside lane utilization by lane and dwell time data for stopped vehicles, buses and taxis. This data will be used to calibrate the curbside model.
6.2 Prepare a VISSIM model of the curbside area for existing traffic conditions for up to the four peak periods and calibrate to data collected in terms of vehicle throughput, maneuvers, delay and queuing.
6.3 Input projected future traffic conditions into the model and execute/refine the model to evaluate anticipated future operating conditions.
6.4 Work with the Client and project team to identify potential mitigations to poor operating conditions (e.g. adding capacity or lanes, changing curbside management, shifting some modes such as shuttles, taxis or rideshare to other locations)
6.5 Test mitigation strategies in the model to forecast potential impacts.

Task 7: ICE Analysis (Activity Tab 22)

- Perform a Stage 1 Intersection Control Evaluation (ICE) Analysis per FDOT procedures and guidelines for two intersection control strategies:
    1. Unsignalized stop controlled intersection
    2. Roundabout

NOTE: No safety or crash analysis will be performed for this study.

Deliverable(s):

- Traffic Analysis Study - Draft Report
- Traffic Analysis Study - Final Report

Task 8: Project General Tasks (Activity Tab 3)

- Assist the contractor with necessary forms, documents, and coordination for obtaining access permit.

Task 9: Structures-Miscellaneous (Activity Tabs 9 & 18)

- Replacement of span structure at 49th St N and SR 686 with (1) cantilever structure.
- Analysis of existing (4) cantilever structures to evaluate their capability for the proposed panels.
- Analysis for (1) bridge-mounted sign panel.
- Structural design of (5) cantilever structures granted current ones are evaluated as unfit.

Task 10: Signage (Activity Tabs 19, 20 and 33)

- Develop signage plan to guide traffic directly to the garage without entering Airport Parkway.
- Design of roundabout signage per MUTCD and Department (FDOT) guidelines.
- Design of 16 sign panels and development of guide sign worksheets
- Design of 4 static multi-post panels
- Design of 2 dynamic message signs at the garage entrance.
  NOTE: This estimate does not include any sign designs for signs withing the parking lots. Any additional parking lot signs would be covered under an additional services task.

3.0 Schedule

The data collection, field reviews, traffic analysis and roundabout feasibility study (Tasks 2 and 4, including initial volume development Tasks 3.2 to 3.4) will be expedited to be completed within the first 2-3 months of notice to proceed (NTP). If the spreadsheet based curbside traffic operations analysis in Task 5 identifies potential concerns regarding shuttle operations in the curbside area, at the option of the client, Task 6 may be executed in order to perform a more detailed simulation analysis of the curbside area operations from the perspective of the impact on shuttle operations.

TranSystems anticipates the remaining services (excluding Task 6) outlined above can be completed within 12 months from NTP.

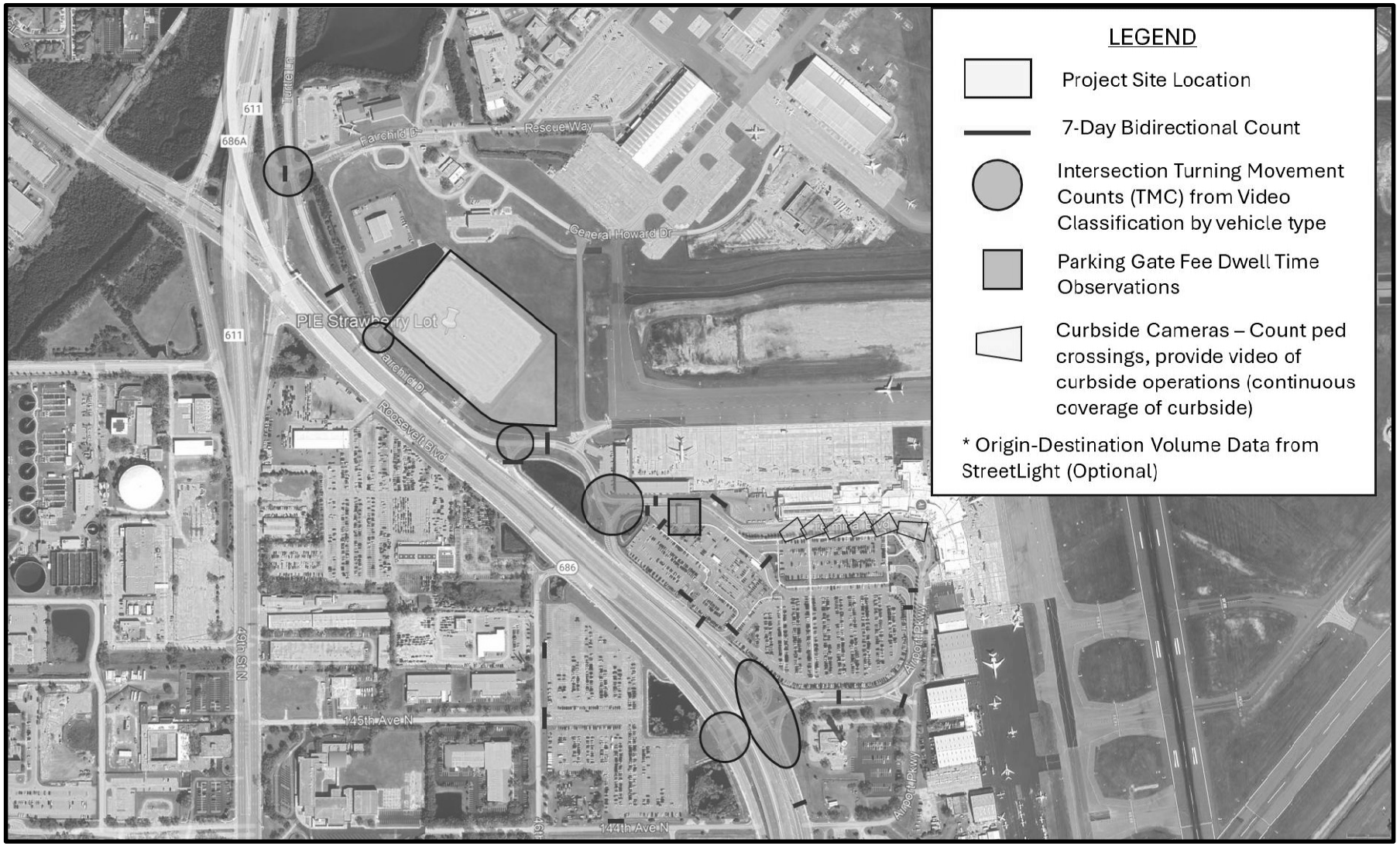


FIGURE 1 – PROJECT LOCATION MAP AND DATA COLLECTION NEEDS

ESTIMATE OF WORK EFFORT AND COST - PRIME CONSULTANT

Name of Project: PIE Parking Garage Traffic and Signing
County: Pinellas
FPN: N/A
FAP No.: 1/0/1900

Consultant Name: GFT
Consultant No.: enter consultants proj. number
Date: 10/8/2025
Estimator: insert name

Staff Classification	Total Staff Hours From "SH Summary - Firm"	Project Manager	Chief Engineer	Structural Engineer 2	Senior Engineer 2	Senior Engineer 1	Structural Engineer 1	Roadway Engineer	Project Engineer	Engineering Intern	CADD Technician	Secretary/Clerical	Staff Classification 12	SH By Activity	Salary Cost By Activity	Average Rate Per Task
		$305.00	$339.00	$294.00	$273.00	$240.00	$225.00	$210.00	$165.00	$120.00	$105.00	$90.00	$0.00			
3. Project Common and Project General Tasks	4	4	0	0	0	0	0	0	0	0	0	0	0	4	$1,220	$305.00
4. Roadway Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
5. Roadway Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
6a. Drainage Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
6b. Drainage Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
6c. Selective C&G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
7. Utilities	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
8. Environmental Permits,and Env. Clearances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
9. Structures - Misc. Tasks, Dwgs, Non-Tech.	43	0	0	22	0	0	22	0	0	0	0	0	0	44	$11,418	$259.50
10. Structures - Bridge Development Report	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
11. Structures - Temporary Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
12. Structures - Short Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
13. Structures - Medium Span Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
14. Structures - Structural Steel Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
15. Structures - Segmental Concrete Bridge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
16. Structures - Movable Span	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
17. Structures - Retaining Walls	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
18. Structures - Miscellaneous	125	0	0	63	0	0	63	0	0	0	0	0	0	126	$32,697	$259.50
19. Signing & Pavement Marking Analysis	207	0	0	0	0	31	0	145	0	31	0	0	0	207	$41,610	$201.01
20. Signing & Pavement Marking Plans	135	0	0	0	0	14	0	41	0	81	0	0	0	136	$21,690	$159.49
21. Traffic Analysis	968	0	387	0	145	145	0	0	97	97	48	48	0	967	$242,583	$250.86
22. ICE Analysis	56	6	22	0	6	0	0	0	0	22	0	0	0	56	$13,566	$242.25
23. Curbside VISSIM (Optional)	**450**	**90**	**135**	**0**	**45**	**45**	**0**	**0**	**45**	**45**	**23**	**23**	**0**	**451**	**$113,610**	**$251.91**
24. Lighting Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
25. Landscape Analysis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
26. Landscape Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
27. Survey (Field & Office Support)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
28. Photogrammetry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
29. Mapping	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
30. Terrestrial Mobile LiDAR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
31. Architecture Development	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
32. Noise Barriers Impact Design Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
33. Intelligent Transportation Systems Analysis	57	0	0	29	0	0	29	0	0	0	0	0	0	58	$15,051	$259.50
34. Intelligent Transportation Systems Plans	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
35. Geotechnical	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$0	#DIV/0!
Total Staff Hours	2,045	100	544	114	196	235	114	186	142	276	71	71	0	2,049		
Total Staff Cost		$30,500.00	$184,416.00	$33,516.00	$53,508.00	$56,400.00	$25,650.00	$39,060.00	$23,430.00	$33,120.00	$7,455.00	$6,390.00	$0.00		**$493,445.00**	**$240.82**

Check = $493,445.00

Survey Field Days by Subconsultant
4 - Person Crew:

Notes:
1. This sheet to be used by Prime Consultant to calculate the Grand Total fee.

2. Manually enter fee from each subconsultant. Unused subconsultant rows may be hidden.

SALARY RELATED COSTS:						$493,445.00
OVERHEAD:			0%			$0.00
OPERATING MARGIN:			0%			$0.00
FCCM (Facilities Capital Cost Money):			0.00%			$0.00
EXPENSES:			0.00%			$0.00
Survey (Field - if by Prime)	0	4-person crew days @	$ -	/ day		$0.00
SUBTOTAL ESTIMATED FEE:						**$493,445.00**
Subconsultant: Quality Counts						$28,481.00
Subconsultant: StreetLight						$5,000.00
Subconsultant: Sub 3						$0.00
Subconsultant: Sub 4						$0.00
Subconsultant: Sub 5						$0.00
Subconsultant: Sub 6						$0.00
Subconsultant: Sub 7						$0.00
Subconsultant: Sub 8						$0.00
Subconsultant: Sub 9						$0.00
Subconsultant: Sub 10						$0.00
Subconsultant: Sub 11						$0.00
Subconsultant: Sub 12						$0.00
SUBTOTAL ESTIMATED FEE:						**$526,926.00**
Geotechnical Field and Lab Testing						$0.00
SUBTOTAL ESTIMATED FEE:						**$526,926.00**
Optional Services						$0.00
GRAND TOTAL ESTIMATED FEE:						**$526,926.00**

Project Activity 3: General Tasks

Estimator:	PIE Parking Garage Traffic and Signing
	N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.1	Public Involvement					
3.1.1	Community Awareness Plan	LS	1	0	0	
3.1.2	Notifications	LS	1	0	0	
3.1.3	Preparing Mailing Lists	LS	1	0	0	
3.1.4	Median Modification Letters	LS	1	0	0	
3.1.5	Driveway Modification Letters	LS	1	0	0	
3.1.6	Newsletters	LS	1	0	0	
3.1.7	Renderings and Fly Throughs	LS	1	0	0	
3.1.8	PowerPoint Presentation	LS	1	0	0	
3.1.9	Public Meeting Preparations	LS	1	0	0	
3.1.10	Public Meeting Attendance/Followup	LS	1	0	0	
3.1.11	Other Agency Meetings	LS	4	1	4	Coordination meetings with FDOT for permitting process
3.1.12	Web Site	LS	1	0	0	
	3.1 Public Involvement Subtotal				**4**	
3.2	Joint Project Agreements	EA	0	0	0	
3.3	Specifications & Estimates					
3.3.1	Specifications Package Preparation	LS	1	0	0	
3.3.2	Estimated Quantities Report Preparation	Report	0	Calculated Hours	0	
		Components	0	0		
3.4	Contract Maintenance and Project Documentation	LS	1	0	0	
3.5	Value Engineering (Multi-Discipline Team) Review	LS	1	0	0	
3.6	Prime Consultant Project Manager Meetings	LS	1	0	0	See listing below
3.7	Plans Update	LS	1	0	0	

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
3.8	Post Design Services	LS	1	0	0	
3.9	Digital Delivery	LS	1	0	0	
3.10	Risk Assessment Workshop	LS	1	0	0	
3.11	Railroad, Transit, and/or Airport Coordination	LS	1	0	0	
3.11.1	Aeronautical Evaluation	LS	1	0	0	
3.12	Landscape and Existing Vegetation Coordination	LS	1	0	0	
3.13	Other Project General Tasks	LS	1	0	0	
3. Project Common and Project General Tasks Total					**4**	

3.6 - List of Project Manager Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments
Roadway Analysis	EA	0	0	0	
Drainage	EA	0	0	0	
Selective C&G	EA	0	0	0	
Utilities	EA	0	0	0	
Environmental	EA	0	0	0	
Structures	EA	0	0	0	
Signing & Pavement Marking	EA	0	0	0	
Signalization	EA	0	0	0	
Lighting	EA	0	0	0	
Landscape Architecture	EA	0	0	0	
Survey	EA	0	0	0	
Photogrammetry	EA	0	0	0	
ROW & Mapping	EA	0	0	0	
Terrestrial Mobile LiDAR	EA	0	0	0	
Architecture	EA	0	0	0	
Noise Barriers	EA	0	0	0	
ITS Analysis	EA	0	0	0	
Geotechnical	EA	0	0	0	
Progress Meetings	EA	0	0	0	
Phase Reviews	EA	0	0	0	
Field Reviews	EA	0	0	0	
Total Project Manager Meetings		0		0	Total PM Meeting Hours carries to Task 3.6 above

Project Activity 3: General Tasks

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments

Notes:

1. If the hours per meeting vary in length (hours) enter the average in the hour/unit column.
2. Do not double count agency meetings between permitting agencies.
3. Project manager meetings are calculated in each discipline sheet and brought forward to Column D.

Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings

Estimator:

PIE Parking Garage Traffic and Signing

N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	Design and Production Staffhours				Comments
			No. of Units	Hours per Unit	No. of Sheets	Total	
	General Drawings						
9.1	Key Sheet and Index of Drawings	Sheet	0	0	0	0	
9.2	Project Layout	Sheet	0	0	0	0	
9.3	General Notes and Bid Item Notes	Sheet	0	0	0	0	
9.4	Miscellaneous Common Details	Sheet	0	0	0	0	
9.5	Incorporate Report of Core Borings	Sheet	0	0	0	0	
9.6	Standard Plans- Bridges	LS	1	0		0	
9.7	Existing Bridge Plans	LS	1	0		0	
9.8	Structures Quantites for EQ Report	Bridges	0	Calculated Hours		0	
		Walls	0				
		Box Culverts	0	0			
9.9	Cost Estimate	LS	1	0		0	
9.10'	Technical Special Provisions and Modified Special Provisions	LS	1	0		0	
Structures - Summary and Miscellaneous Tasks and Drawings					0	0	

Task No.	Task	Total	Task 10	Task 11	Task 12	Task 13	Task 14	Task 15	Task 16	Task 17	Task 18
10-16	Bridge 1	0	0	0	0	0	0	0	0		
10-16	Bridge 2	0									
10-16	Bridge 3	0									
10-16	Bridge 4	0									

Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings

10-16	Bridge 5	0									
10-16	Bridge 6	0									
10-16	Bridge 7	0									
10-16	Bridge 8	0									
10-16	Bridge 9	0									
10-16	Bridge 10	0									
17	Retaining Walls	0								0	
18	Miscellaneous Structures	125									125
Structures Technical Subtotal		125	0	0	0	0	0	0	0	0	125

Task No.	Task	Units	No. of Units	Hours per Unit	Total	Comments
9.11	Field Reviews	LS	1	0	0	
9.12	Technical Meetings	LS	1	0	0	Meetings are listed below
9.13	Quality Assurance/Quality Control	LS	%	10%	13	
9.14	Independent Peer Review	LS	1	0	0	
9.15	Supervision	LS	%	5%	6	
Structures Nontechnical Subtotal					19	
9.16	Coordination	LS	1	24	24	
9. Structures - Summary and Miscellaneous Tasks and Drawings					43	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
BDR Coordination/Review	EA	0	0	0			0
90/100% Comment Review	EA	0	0	0			0
Aesthetics Coordination	EA	0	0	0			0
Regulatory Agency	EA	0	0	0			0
Local Governments (cities, counties)	EA	0	0	0			0
Utility Companies	EA	0	0	0			0
Other Meetings	EA	0	0	0			0

Project Activity 9: Structures Summary and Miscellaneous Tasks and Drawings

Subtotal Technical Meetings				**0**						0
Progress Meetings (if required by FDOT)	EA	0	0	0	*PM attendance at Progress Meetings is manually entered on General Task 3*					- -
Phase Review Meetings	EA	0	0	0	*PM attendance at Phase Review Meetings is manually entered on General Task 3*					- -
Total Meetings				**0**					**Total Project Manager Meetings (carries to Tab 3)**	**0**
				Carries to 9.12						Carries to Tab 3

Project Activity 18: Miscellaneous Structures

Estimator:

PIE Parking Garage Traffic and Signing
N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Unit	No. of Units	Hours/ Unit	No. of Sheets	Total Hours	Comments
	Concrete Box Culvert						
18.1	Concrete Box Culverts	EA	0	0		0	
18.2	Concrete Box Culverts Extensions	EA Extension	0	0		0	
18.3	Concrete Box Culvert Data Table Plan Sheets	Sheet	0	0	0	0	
18.4	Concrete Box Culvert Special Details Plan Sheets	Sheet	0	0	0	0	
	Strain Poles						
18.5	Steel Strain Poles	Initial Config	0	0		0	
		EA Add'l Config	0	0		0	
18.6	Concrete Strain Poles	Initial Config	0	0		0	
		EA Add'l Config	0	0		0	
18.7	Strain Pole Data Table Plan Sheets	Sheet	0	0	0	0	
18.8	Strain Pole Special Details Plan Sheets	Sheet	0	0	0	0	
	Mast Arms						
18.9	Mast Arms	EA Design	0	0		0	
18.10	Mast Arms Data Table Plan Sheets	Sheet	0	0	0	0	
18.11	Mast Arm Special Details Plan Sheets	Sheet	0	0	0	0	
	Overhead/Cantilever Sign Structures						
18.12	Cantilever Sign Structures	EA Design	5	5		25	Design to replace existing 5 sign structures (4 cantilevers and 1 span) that may be structurally deficient 3 cantilevers have 2 sign panels + 2 cantilevers have 1 panel = 8 sign panels
18.13	Overhead Span Sign Structures	EA Design	0	0		0	
18.14	Special (Long Span) Overhead Span Sign Structures	EA Design	0	0		0	
18.15	Monotube Overhead Sign Structure	EA Design	0	0		0	
18.16	Bridge Mounted Signs (Attached to Superstr.)	EA Design	1	24		24	1 panel mounted on SR 611 bridge, assumes bridge plans are available
18.17	Overhead and Cantilever Sign Structures Data Table Plan Sheets	Sheet	1	4	1	4	
18.18	Overhead and Cantilever Sign Structures Special Details Plan Sheets	Sheet	0	0	0	0	
	High Mast Lighting						
18.19	Non-Standard High Mast Lighting Structures	EA Design	0	0		0	
18.20	High Mast Lighting Special Details Plan Sheets	Sheet	0	0	0	0	
	Noise Barrier Walls (Ground Mount)						
18.21	Horizontal Wall Geometry	EA Wall	0	0		0	
18.22	Vertical Wall Geometry	EA Wall	0	0		0	
18.23	Summary of Quantities - Aesthetic Requirements	Sheet	0	0	0	0	
18.24	Control Drawings	Sheet	0	0	0	0	
18.25	Design of Noise Barrier Walls Covered by Standards	EA Design	0	0		0	
18.26	Design of Noise Barrier Walls Not Covered by Standards	EA Design	0	0		0	
18.27	Aesthetic Details	LS	1	0		0	

Project Activity 18: Miscellaneous Structures

	Special Structures						
18.28	Fender System	LS	1	0		0	
18.29	Fender System Access	LS	1	0		0	
18.30	Special Structures	LS	1	0		0	
18.31	Other Structures	LS	1	0		0	
	Ancillary Structures Report						
18.32	Condition Evaluation of Signal and Sign Structures, and High Mast Light Poles	EA structure	0	0	0	0	
18.33	Condition Evaluation of Signal and Sign Structures, and High Mast Light Poles (No As built or Design Plans Available)	EA structure	4	12	4	48	Assumes a structural analysis and QC of the existing structures will be needed to determine if retrofitting is an option
18.34	Analytical Evaluation of Signal and Sign Structures, and High Mast Light Poles	EA structure	0	0	0	0	
18.35	Ancillary Structures Report	LS	1	24	1	24	
	18. Structures - Miscellaneous Total				**6**	**125**	

Project Activity 19: Signing and Pavement Marking Analysis

Estimator:

PIE Parking Garage Traffic and Signing
N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
19.1	Traffic Data Analysis	LS	1	0	0	
19.2	No Passing Zone Study	LS	1	0	0	
19.3	Signing and Pavement Marking Master Design File	LS	1	135	135	
19.4	Multi-Post Sign Support Calculations	EA	4	3	12	4 multi post assemblies
19.5	Sign Panel Design Analysis	EA	12	3	36	8 sign panels for overhead structures + 4 multi post sign panels
19.6	Sign Lighting/Electrical Calculations	EA	1	0	0	
19.7	S&PM Quantities for EQ Report	Length (Miles)	1.05	Calculated Hours	0	1 roundabout 1 interchange (north and south)
		Complexity	Mid Range			
		Interchanges Rest Areas	2	29		
19.8	Cost Estimate	LS	1	0	0	
19.9	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
19.10	Other Signing and Pavement Marking	LS	1	0	0	
Signing and Pavement Marking Analysis Technical Subtotal					**183**	
19.11	Field Reviews	LS	1	16	16	2 person field reviews @ 8 hrs/ea
19.12	Technical Meetings	LS	1	8	8	Meetings are listed below
19.13	Quality Assurance/Quality Control	LS	%	0%	0	
19.14	Independent Peer Review	LS	%	0%	0	
19.15	Supervision	LS	%	0%	0	
Signing and Pavement Marking Analysis Nontechnical Subtotal					**24**	
19.16	Coordination	LS	%	0%	0	
19. Signing and Pavement Marking Analysis Total					**207**	

Project Activity 19: Signing and Pavement Marking Analysis

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments		
Technical Meetings		**Units**	**No of Units**	**Hours/ Unit**	**Total Hours**	**Comments**	**PM Attendance at Meeting Required?**	**Number**
Sign Panel Design		EA	0	0	0			0
Queue Length Analysis		EA	0	0	0			0
Local Governments (cities, counties)		EA	0	0	0			0
Other Meetings		EA	2	1	2	Permitting		0
Subtotal Technical Meetings					**2**		**Subtotal Project Manager Meetings**	0
Progress Meetings (if required by FDOT)		EA	3	1	3	PM attendance at Progress Meetings is manually entered on General Task 3		- -
Phase Review Meetings		EA	3	1	3	PM attendance at Phase Review Meetings is manually entered on General Task 3		- -
Total Meetings					**8**		**Total Project Manager Meetings (carries to Tab 3)**	**0**

Carries to 19.12

Carries to Tab 3

Estimator:

20. Signing and Pavement Marking Plans Staff Hours

PIE Parking Garage Traffic and Signing
N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Project Parameter			Staff Hours				Documentation
		Description	Units	Complexity	Calculated	Department	Consultant	Negotiated	Provide documentation when negotiated hours differ from the calculated hours.
20.1	Key Sheet		1		4	0	0	4	Assumes production of a permit plan set for FDOT review
	Signature Sheet		0		0	0	0	0	
20.2	General Notes/Pay Item Notes		1	Standard	9	0	0	9	
20.3	Project Layout		0		0	0	0	0	
20.4	Plan Sheet	Sheet(s)	4	Mid	16	0	0	16	
		Sig Intersection Mid-Block Xing	0		0	0	0	0	
		Interchange Roundabout	2		8	0	0	8	
		Rest Area Toll Facility	0		0	0	0	0	
20.5	Special Details	Details	0	Simple	0	0	0	0	
			1	Standard	4	0	0	4	Detail for bridge-mounted sign panel
			0	Complex	0	0	0	0	
20.6	Service Point Details	Service Point	0	Simple	0	0	0	0	
			0	Standard	0	0	0	0	
20.7	Guide Sign Data	Sign Panel	16		32	0	0	32	Includes 4 additional signs for lot access (2 in each direction)
20.8	Cross Sections (Sign Installations)	Multi-post signs	6		18	0	0	18	Includes 2 multipost signs along Fairchild Dr, 2 static signs with a DMS component, 2 at each entrance of the parking lots
		Overhead Sign Structures	5	Standard	30	0	0	30	
			0	Complex	0	0	0	0	
S&PM Plans Technical Hours Subtotal					**121**	**0**	**0**	**121**	
20.9	Quality Assurance/Quality Control	%	1	5%	7	0	0	7	
20.10	Supervision	%	1	5%	7	0	0	7	
S&PM Plans Total					**135**	**0**	**0**	**135**	

Carries to Summary Tab

Project Activity 21: Traffic Analysis

Estimator:

PIE Parking Garage Traffic and Signing

N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No. of Units	Hours/ Units	Total Hours	Comments
21.1	Traffic Data Collection	LS	1	80	80	Data Collection - Parking Gate Dwell Time Observations (40hr), Gather/Analyze StreetLight / Historical Traffic Data (40hr)
21.2	Traffic Data Analysis	PI	1	380	380	Generate 20-Yr Design Traffic Volumes (50hr), Trip Generation Estimates for Parking Garage (40hr), VISSIM Model calibration of existing conditions (60hr), VISSIM Modeling of Design Yr Traffic - 7 intersections max (230hr)
21.3	Signal Warrant Study	LS	1	50	50	SIDRA Roundabout Feasibility Analysis - Geometry Config
21.4	System Timings	LS	1	0	0	
21.5	Reference and Master Signalization Design File	PI	0	0	0	
21.6	Reference and Master Interconnect Communication Design File	LS	1	0	0	
21.7	Overhead Street Name Sign Design	EA	0	0	0	
21.8	Pole Elevation Analysis	LS	1	0	0	
21.9	Traffic Signal Operation Report	LS	1	180	180	Documentation/Report of Traffic Analysis (120) and Roundabout Feasibility Study (60)
21.10	Signalization Quantities for EQ Report	Signalized Intersections	0	Calculated Hours 0	0	
21.11	Cost Estimate	LS	1	0	0	
21.12	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
21.13	Other Signalization Analysis	LS	1	80	80	Curbside Traffic Operations - 5.1 Estimate future traffic growth through curbside area (40 hr), Spreadsheet based using QATAR spreadsheet (ACRP Report 266) to approximate curbside congestion and LOS (40 hr)
Signalization Analysis Technical Subtotal					**770**	
21.14	Field Reviews	LS	1	20	20	Field reviews (weekday and weekend (approximately 2 hours on each day))
21.15	Technical Meetings	LS	1	70	70	Meetings are listed below
21.16	Quality Assurance/Quality Control	LS	%	10%	77	
21.17	Independent Peer Review	LS	%	4%	31	

Project Activity 21: Traffic Analysis

21.18	Supervision	LS	%	0%	0	
				Signalization Analysis Nontechnical Subtotal	**198**	

Project Activity 21: Traffic Analysis

21.19	Coordination	LS	%	0%	0	
				21. Signalization Analysis Total	**968**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
FDOT Traffic Operations	EA	1	10	10	FDOT Coordination Meeting		0
FDOT Traffic Design	EA	0	0	0			0
Power Company (service point coordination)	EA	0	0	0			0
Maintaining Agency (cities, counties)	EA	1	20	30	Hillsborough County, City of St Pete and Clearwater Meetings		0
Railroads	EA	0	0	0			0
Other Meetings	EA	0	0	30	PIE Airport Meetings		0
Subtotal Technical Meetings				**70**	**Subtotal Project Manager Meetings**		0
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		- -
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		- -
Total Meetings				**70**	**Total Project Manager Meetings (carries to Tab 3)**		**0**

Carries to 21.15

Carries to Tab 3

Intersection Control Evaluation Analysis					
Task No.	**New Task No.**	**Task**	**Basis for Staff Hour Range**	**Total Hours**	**Comments**
0.1	0.1	Traffic Data Collection	This includes all efforts required to identify and document the project location, basic roadway characteristics, control and design vehicles, design and target speeds, peak hour volumes for design and opening years, growth rate, crash data collection/summarization, environmental data, multimodal use(s), and roadway context classifications. This effort is comprised of a desktop analysis (10 - 16 hours/intersection) as well as peak hour turning movement counts utilizing two people. (20 - 30 hours/intersection, plus 10 hours per additional person)	16	Hours for desktop analysis only. Counts to be done under Task 21.1
Stage 1					
0.2	1.0	CAP-X Analysis	Includes all efforts required for AM & PM Cap-X analysis. Input data from Task 0.1 into the FDOT CAP-X spreadsheet tool, select alternatives, and populating the lane input tab to aid in identifying various traffic control strategies. CAP-X rankings obtained from the CAP-X analysis spreadsheet will be input into ICE form. (2 - 6 hours per control strategy)	12	Assumes two control strategies (unsignalized stop controlled, roundabout) to be evaluated at 6 hrs per strategy
0.3	1.1	SPICE Analysis	Includes all efforts required for SPICE analysis. Input data from Task 0.1 into the FDOT SPICE tool to analyze the safety aspect of viable alternatives, while applying engineering judgement in evaluating these aspects. (2 - 4 hours per control strategy)	8	4 hours per control strategy
0.4	1.2	Stage 1 Justification	Includes all efforts required to complete the Stage 1 justification and package together the submittal. Input data from Tasks 0.1, 1.0, and 1.1 into the Stage 1 ICE form for DTOE and DDE concurrence and approval. Attach supporting documentation, including CAP-X and SPICE analysis spreadsheet output sheets and supporting data. Should the submittal be approved and signed, do not proceed to next Task. (2 - 4 hours per control strategy)	8	4 hours per control strategy
0.5	1.3	Stage 1 Comments and Edits	Includes all efforts required to address all comments and feedback, and finalize the submittal. This task shall include minor changes to any Stage 1 tasks to finalize packet for DTOE or DDE approval. In the event of major changes, Stage 1 analysis should potentially be re-done. (0 - 4 hours per Stage 1 ICE Package)	4	1 Stage 1 ICE Package
New	1.4	Quality Assurance / Quality Control / Supervision	Includes all efforts required to produce and implement a QA/QC plan. Includes review of ICE deliverable, verification that comments were addressed, etc. (4 - 10 hours per Stage 1 ICE Package)	8	QAQC 1 Stage 1 ICE Package
				56	**Stage 1 Total Hours**

Curbside Traffic Operations – Simulation Modeling (Optional)			
Task No.	**Task**	**Task Description**	**Total Hours**
6.1	Data extraction	More detailed data will be extracted from the curbside video data collected regarding pick-up/drop-off operations, traffic flow and pedestrian activity, including curbside lane utilization by lane and dwell time data for stopped vehicles, buses and taxis. This data will be used to calibrate the curbside model.	48
6.2	VISSIM modeling	Prepare a Vissim model of the curbside area for existing traffic conditions for up to the four peak periods and calibrate to data collected in terms of vehicle throughput, maneuvers, delay and queuing.	240
6.3	Volume input and refinement	Input projected future traffic conditions into the model and execute/refine the model to evaluate anticipated future operating conditions.	64
6.4	Develop mitigation strategies	Work with the Client and project team to identify potential mitigations to poor operating conditions (e.g. adding capacity or lanes, changing curbside management, shifting some modes such as shuttles, taxis or rideshare to other locations)	36
6.5	Test mitigation strategies	Test mitigation strategies in the model to forecast potential impacts.	40
	Quality Assurance / Quality Control / Supervision		22
		Task 6 Total Hours	**450**

33. ITS Analysis

Estimator:

PIE Parking Garage Traffic and Signing

N/A

Representing	Print Name	Signature / Date
FDOT District		
Consultant Name		

NOTE: Signature Block is optional, per District preference

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
33.1	ITS Analysis	Per Site	0	0	0	
33.2	Communications Subsystem Analysis	LS	1	0	0	
33.3	Grounding, Surge Suppression, and Lightning Protection Analysis	Per Site	0	0	0	
33.4	Power Subsystem	LS	1	0	0	
33.5	Voltage Drop Calculations	Per Site	0	0	0	
33.6	Design Documentation	LS	1	8	8	
33.7	Existing ITS System	LS	1	0	0	
33.8	Queue Analysis	Per Site	0	0	0	
33.9	Reference and Master ITS Design File	Per Site	0	0	0	
33.10	Reference and Master Communications Design File	Per Mile	0	0	0	
33.11	ITS Poles and Overhead Structures Elevation Analysis	Per Site	0	0	0	
33.12	DMS Sign Panel Design Analysis	Per Site	2	8	16	1 overhead DMS + 1 ground mounted at garage entrance
33.13	ITS Quantities for EQ Report	ITS Installations	1	Calculated Hours 24	24	
33.14	Cost Estimate	LS	1	0	0	
33.15	Technical Special Provisions and Modified Special Provisions	LS	1	0	0	
33.16	Other ITS Analyses	LS	1	0	0	
Intelligent Transportation Systems Analysis Technical Subtotal					**48**	

33. ITS Analysis

Task No.	Task	Units	No of Units	Hours/ Unit	Total Hours	Comments
33.17	Field Reviews	LS	1	0	0	
33.18	Technical Meetings	LS	1	0	0	Meetings are listed below
33.19	Quality Assurance/Quality Control	LS	%	10%	5	
33.20	Supervision	LS	%	5%	2	
Intelligent Transportation Systems Analysis Nontechnical Subtotal					**7**	
33.21	Coordination	LS	%	3%	2	
33. Intelligent Transportation Systems Analysis Total					**57**	

Technical Meetings	Units	No of Units	Hours/ Unit	Total Hours	Comments	PM Attendance at Meeting Required?	Number
Kickoff Meeting with FDOT	EA	0	0	0			0
Local Governments (cities, counties, MPO)	EA	0	0	0			0
Utility Owners	EA	0	0	0			0
Field Meetings	EA	0	0	0			0
Other Meetings	EA	0	0	0			0
Subtotal Technical Meetings				**0**	**Subtotal Project Manager Meetings**		0
Progress Meetings (if required by FDOT)	EA	0	0	0	PM attendance at Progress Meetings is manually entered on General Task 3		- -
Phase Review Meetings	EA	0	0	0	PM attendance at Phase Review Meetings is manually entered on General Task 3		- -
Total Meetings				**0**	**Total Project Manager Meetings (carries to Tab 3)**		**0**

Carries to 33.18

Carries to Tab 3

October 7, 2025

Aaron Gase, Project Executive
FINFROCK
2400 Apopka Boulevard
Apopka, Florida 32703

Re: Proposal for Professional Surveying Services
St Pete Clearwater Airport (PIE) - Parking Areas (6): Topographic Surveys
Pinellas County, Fl

Dear Aaron:

Pursuant to the information you have provided, Hyatt Survey Services, Inc. is pleased to submit this proposal for the following professional surveying services required on the above-referenced project:

SCOPE OF SERVICES

I. Topographic Survey:

a. Hyatt Survey will perform a Topographic Survey of six (6) parcels as depicted inthe attached exhibits, located at the St Pete Clearwater Airport.

b. Airport boundaries in the vicinity of each site will be depicted in accordance with the overall Airport Boundary Survey provided by the Airport Authority.

c. Hyatt Survey will locate visible aboveground site improvements, utilities and appurtenances. Underground utilities may be graphically depicted on the survey drawing(s) in accordance with visible appurtenances. Hyatt Survey Services, Inc., will assume NO responsibility for the completeness and/or accuracy of any subsurface datarepresented on the survey drawing(s) from information provided by others.

d. Hyatt Survey will determine site elevations on a maximum fifty (50') foot grid, at grade breaks, at changes in direction on curbing/paving to the nearest back of curb or edge ofpavement within adjoining rights-of-way or to 10' offsite where accessible.

e. Hyatt Survey will locate/identify living trees within the survey limits with a 4-inch or greaterDBH (diameter @ breast height).

f. This survey will be referenced to NAD83/11 Florida State Plane Coordinates.

g. All elevations will be referenced to published NGS benchmarks relative to the NAVD 88vertical datum.

Aaron Gase, Project Executive
FINFROCK
October 7, 2025
Page 2

h. Hyatt Survey will deliver the final survey in both CAD and PDF format as well as signed and sealed hard copies.

i. This survey will require no more than ninety (90) days to complete from our receipt of a written "notice to proceed."

Hyatt Survey proposes to provide these services for the lump sum fees as follows:

1. **Area #1: Topographic Survey: (23 ac) $ 16,460.00**
2. **Area #2: Topographic Survey: (1.3 ac) $ 4,950.00**
3. **Area #3: Topographic Survey: (1.0 ac) $ 4,950.00**
4. **Area #4: Topographic Survey: (1.0 ac) $ 4,370.00**
5. **Area #5: Topographic Survey: (1.2 ac) $ 2,330.00**
6. **Area #6: Topographic Survey: (6.5 ac) $ 7,280.00**

All work will be performed in accordance with the standards of practice outlined in Chapter 5J-17 of the Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

I have attached our standard "General Contract, Provisions and Conditions" as part of this agreement. To accept this proposal, please sign where indicated below and return a copy of this document as your acceptance of this agreement and our authorization to proceed.

If you have any questions or comments, please do not hesitate to contact me at 941-748-4693. I look forward to working with you on this project.

Sincerely,
HYATT SURVEY SERVICES, INC.
Pamela A. Hyatt
Pamela A. Hyatt, P.S.M.
President

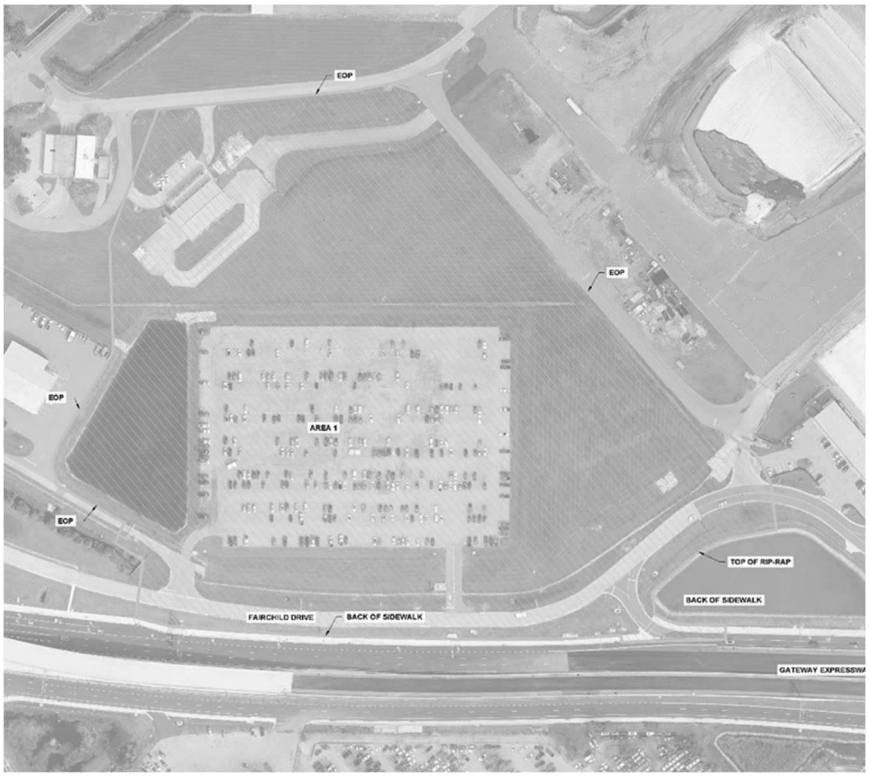
Accepted by: **FINFROCK**

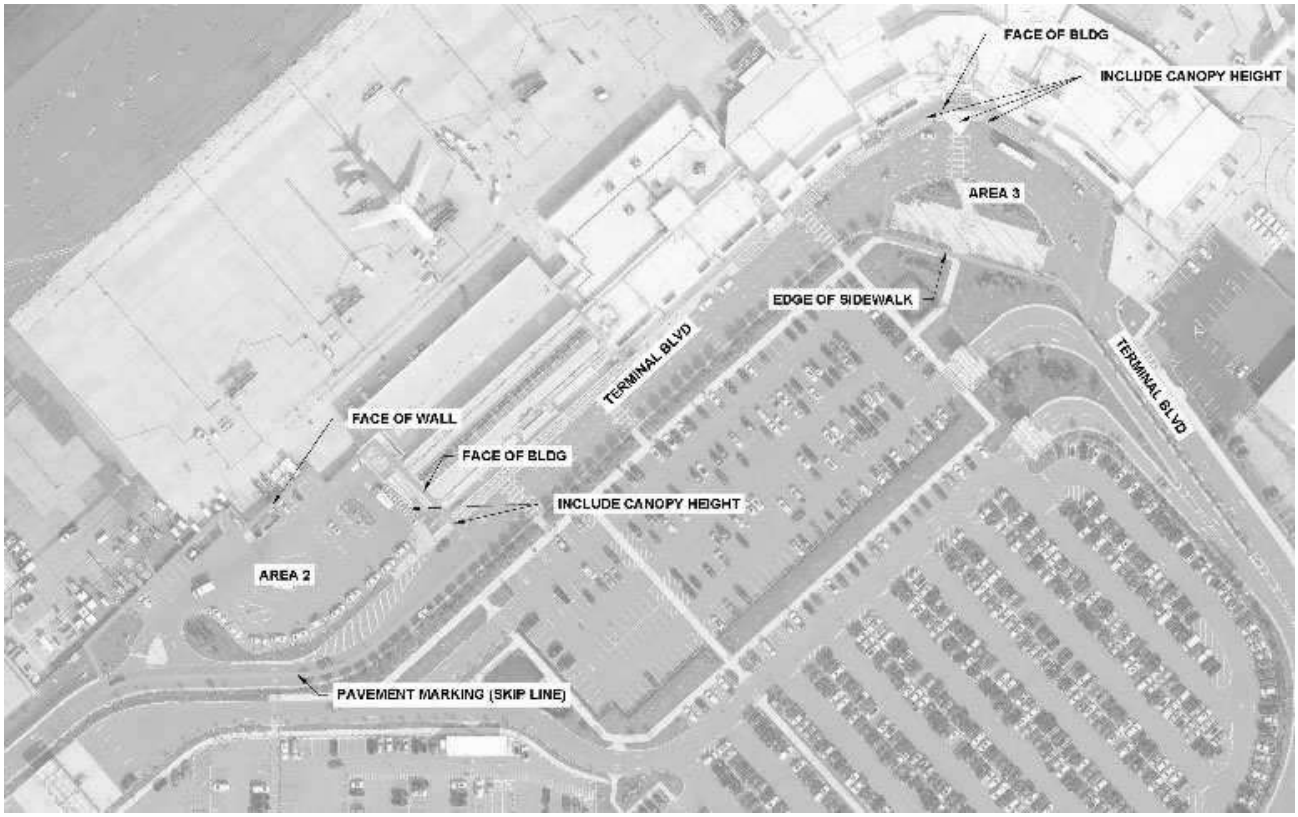
Sign here:_____ **Date:**_____

Print name here:_____

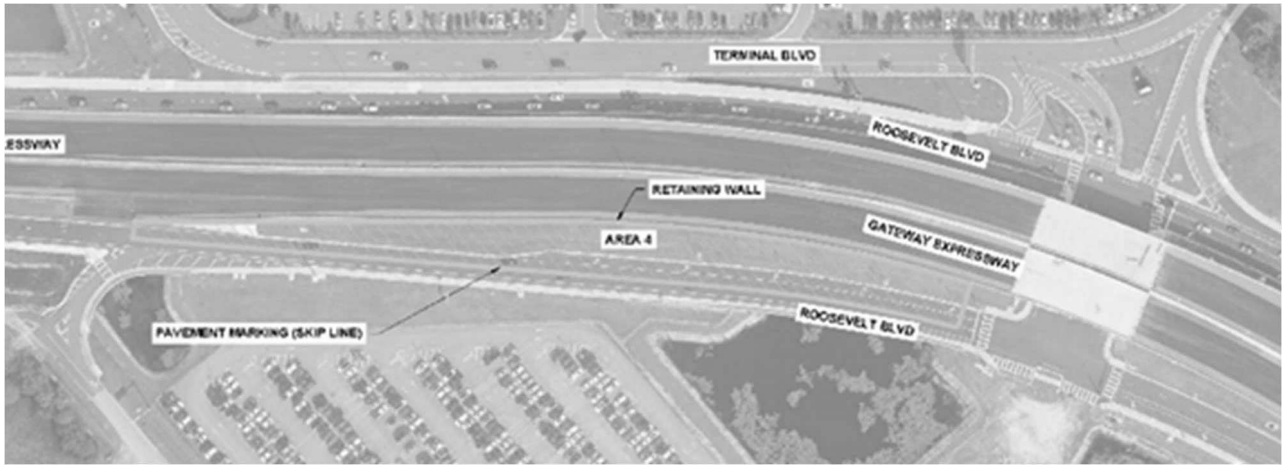
Hyatt SURVEY

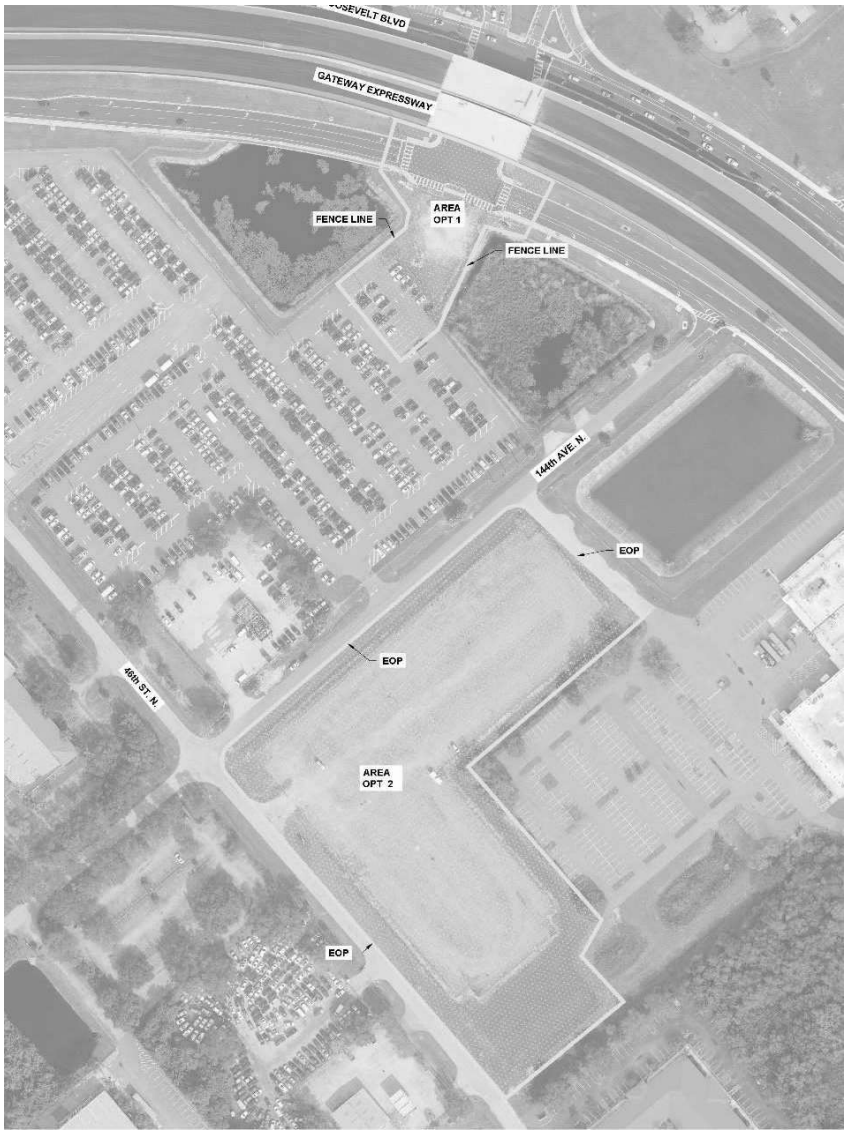
EXHIBITS





Hyatt SURVEY





2012 Lena Road, Bradenton, Florida 34211 Phone: 941-748-4693 Fax: 941-744-1643

FEE SCHEDULE:

Project Fee Proposal - Hyatt Survey - Fee Detail Sheet									
PIE Parking Areas (6): Tpographic Survey									
St Pete Clearwater International Airport (PIE)									
10/7/2025									
Scope/Task		**Sr. PSM**	**PSM**	**Survey Technician**	**Admin**	**1 Man Survey Crew**	**2 Man Survey Crew**	**Total**	
Surveying & Mapping: **HYATT SURVEY SERVICES**		Hours	Hours	Hours	Hours	Hours	Hours		
Task 1 - PIE Parking Areas (6): Topographic Survey									
1.1 Parking Area #1: Topographic Survey: 23 Ac		0	8	60	0	0	60	128	$ 16,460.00
1.1 Parking Area #2: Topographic Survey: 1.3 Ac		0	2	16	0	0	20	38	$ 4,950.00
1.1 Parking Area #3: Topographic Survey: 1.0 Ac		0	2	16	0	0	20	38	$ 4,950.00
1.1 Parking Area #4: Topographic Survey: 1.1 Ac		0	2	16	0	0	16	34	$ 4,370.00
1.1 Parking Area #5: Topographic Survey: 1.2 Ac.		0	2	8	0	0	8	18	$ 2,330.00
1.1 Parking Area #6: Topographic Survey: 6.5 Ac		0	4	24	0	0	28	56	$ 7,280.00
		0	0	0	0	0	0	0	$ -
		0	0	0	0	0	0	0	$ -
								0	$ -
Subtotal Hours		-	20.00	140.00	-	-	152.00	312	
Rate		$ 175.00	$ 145.00	$ 110.00	$ 60.00	$ 110.00	$ 145.00		
Subtotal		$ -	$ 2,900.00	$ 15,400.00	$ -	$ -	$ 22,040.00	**$ 40,340.00**	$ 40,340.00

UTILITY DESIGNATING • GROUND PENETRATING RADAR (GPR) •
VACUUM EXCAVATION SERVICES

PROJECT PROPOSAL

Date:	October 02, 2025
Client:	Finfrock
Project Type:	Underground Utility Designation & Location
Project Name:	St Pete International Airport
Prepared By:	jblack@allen-underground.com, Director of Operations 407.654.5355. Ext. 120 Email: jblack@allen-underground.com

UTILITY DESIGNATING • GROUND PENETRATING RADAR (GPR) • VACUUM EXCAVATION SERVICES

ALLEN UNDERGROUND

SCHEDULE A

16 E. Plant Street
Winter Garden, FL 34787
Phone (407) 654-5355 · Fax: (407) 654-5356
Email: PROPOSALS@ALLEN-UNDERGROUND.COM

DATE: October 02, 2025

PROPOSAL: 20250193-1 - St Pete International Airport

FOR: Aaron Gase

Customer Information:

Finfrock
2400 Apopka Blvd.
Apopka, FL 32703

Quote Description:

Underground Utility Designation & Location - St. Pete-Clearwater International Airport (PIE).

20250193-1 - St Pete International Airport

DESCRIPTION	CONTRACT AMOUNT
1. Provide Underground Utility Designation Services - We will designate the utilities and obstructions within the seven (7) outlined areas around St. Pete-Clearwater International Airport (PIE) with approximate machine depths. This includes the water mains, sanitary laterals, gas mains, communications lines, electrical lines (including low voltage), irrigation mains, and any other underground obstructions found within the areas outlined in the attached Area of Scope. Please provide any as-built drawings, GIS maps, or prints showing underground utilities as soon as possible. Our crews may need access to utility rooms or restricted areas to reach connection points. While we will attempt to find alternative connection points, access might be required.	$64010.00
2. Utility Location: (locations to be determined) - Provide Soft Dig Excavation Services for utility or obstruction conflicts found within the seven (7) outlined areas shown on the attached Area of Scope. The test hole locations will be provided after the utility designation is completed. Price includes an estimated five (5) Soft Surface digs & five (5) Hard Surface digs. Any additional test holes require a new quote/Change order to be signed or written approval before any work can be completed. We will obtain depth/size/type/material. Note: This firm is capable of soft/hard dig excavating to a depth of six (6) feet and air probing to a maximum depth of ten (10) to twelve (12) feet. See Exhibit B for the Scope of Procedures and Limitations for SUE designation & location. Note: This proposal does not include any pricing for lane closures. If it is determined that a lane closure is necessary, an additional charge will be incurred to cover all costs associated with the closure. Pricing includes out-of-town expenditures calculated with GSA.gov rates to reduce the overall cost due to travel time. Deliverables include a field mark-out of utilities, a field sketch, test hole field reports, photographs, and a Civil 3D v.2025 Electronic File.	$15655.00
	$79,665.00

QUESTIONS OR COMMENTS?

If you have any questions or comments concerning this proposal schedule A, please email PROPOSALS@ALLEN-UNDERGROUND.COM

_____ **Sign & Return**

For each area, I added up all the time it would take to....

1. Drive to the site 4+ hrs. per week
2. Check in and out daily
3. Getting in and out of secure areas
4. Set up MOT and safety meetings
5. Site walk
6. Scan with GPR to mark the utilities and obstructions
7. Locate any traceable utilities we can find access points to with an RF locator. This will help to tell what type of utility
8. Drop box on any marks that the GRP found that we did not find an access point for, to attempt to identify the type.
9. Find/dig up/recover survey control
10. Set new survey control near or at the site
11. Survey all the utilities and above-ground features
12. Draw field sketches
13. Take and upload photos and data to our servers
14. Travel time from and to the site.

That is just for the field work.

The coordinator's time is for...

1. Setting up folders for the office and the crews.
2. Scheduling travel arrangements, hotels, per diem, and expense reports for the crews
3. Submitting 811 tickets and attempting to get contacts for each provider listed so we can request prints
4. Researching if we need permits, and if so, then the steps and information needed.
5. Assist the PM and Crews with other issues or needs

CAD Tech

1. Manage all the data.
2. 1st check of data examples - field sketch, photos, survey data, Test holes reports
3. Draft all linework and check that the data is within tolerance
4. Produce and publish all deliverable data
5. Fix any edits or issues from the PM or Director

PM time

1. Review documentation pre-start
2. Review the project with the crew and go over details
3. Communicate with the client
4. Daily reviews with the crew
5. Apply for permits as needed
6. Check over the data daily
7. Manage Crew, Coordinator, CAD technician
8. 2nd check of all data and edits
9. Run every step of the project from start to finish

Exec Director

1. Communicate with clients
2. Check in with project progress with PM daily
3. Deal with any significant issues
4. Manage budget and billing
5. Do the final detailed check of all data and edits
6. Sends the project deliverables to the client

QB Service item: 1200 SUE:1201 UTILITY DESIGNATION

Task	QB SubItem	Rate	Hours	Total		Assigned User
2 Man Crew SUE	1201 2-MAN DESIGNATION CREW	190.00	210.00	39900.00	✖	Select Assigned User
Field Coordinator	1201 FIELD COORDINATOR	120.00	20.00	2400.00	✖	Select Assigned User
SUE Manager	1201 SR PROJECT MGR	150.00	30.00	4500.00	✖	Select Assigned User
Senior Survey Tech SUE	1201 SENIOR SURVEY TECH	135.00	30.00	4050.00	✖	Select Assigned User
Exec Director Professional	1201 EXEC DIRECTOR PROFESSIO	300.00	10.00	3000.00	✖	Select Assigned User
Reimbursement	OUT OF POCKET/REIMBURSEABL	400.00	17.00	6800.00	✖	Select Assigned User
Reimbursement	OUT OF POCKET/REIMBURSEABL	160.00	21.00	3360.00	✖	Select Assigned User
			Tasks Total Price	$64010.00		

+ New | Select Group | + Default 5

Cancel | Save

Below is the pricing for the Vacuum Excavation – Please let me know if I need to break this down.

QB Service item: 1200 SUE:1202 UTILITY LOCATION

Task	QB SubItem	Rate	Hours	Total	Qty	Qty Total		Assigned User
3 Man Crew SUE	1202 3-MAN CREW	250.00	10.00	2500.00			✖	Select Assigned
Field Coordinator	1202 FIELD COORDINA	120.00	3.00	360.00			✖	Select Assigned
SUE Manager	1202 SUE MANAGER	150.00	8.00	1200.00			✖	Select Assigned
Senior Survey Tech SU	1202 SENIOR SURVEY	135.00	6.00	810.00			✖	Select Assigned
Exec Director Professi	1202 EXEC DIRECTOR I	300.00	2.00	600.00			✖	Select Assigned
Reimbursement	OUT OF POCKET/REIM	600.00	3.00	1800.00			✖	Select Assigned
Reimbursement	OUT OF POCKET/REIM	240.00	4.00	960.00			✖	Select Assigned
Test Holes Soft	1202 3-MAN CREW	225.00	14.00	3150.00	S		✖	Select Assigned
Test Holes Hard	1202 3-MAN CREW	225.00	19.00	4275.00	S		✖	Select Assigned

Thank You,

ALLEN UNDERGROUND
allenunderground.com

Jeremy Black
Director
Direct: (407) 550-6359
Phone: (386) 342-7901, Ext. 1001
Fax: (407) 654-5356
Email:jeremy@allen-company.com
Address: 903 S. Charles Richard Beall Blvd. Suite 1
Debary, FL 32713

ALLEN UNDERGROUND

20250193-1 Area of Scope

ALLEN
UNDERGROUND

SCHEDULE B

- Allen Underground, Inc. will provide all services described herein

- Allen Underground, Inc. requests that the client provide any Surveys, Engineering Prints, GIS Maps, CADD files, Etc. if available.

- Allen Underground, Inc. will utilize real-time 2D Ground Penetrating Radar (GPR) and Radio Frequency (RF) equipment to HORIZONTALLY designate the utilities unless otherwise specified.

- Allen Underground, Inc. will perform the utility designation in the area outlined in red on the attached Area of Scope

- Allen Underground, Inc. will request a Sunshine 811 ”Design” Ticket for the areas described herein to determine the utility providers within the project limits and to notify them of the requested coordination with Allen Underground, Inc. All maps provided by the utility will be provided to the client when made available.

- Allen Underground, Inc. will mark the locatable utilities with paint and flags on the surface and provide a technician’s field report and photographs of the designated utilities.

- Allen Underground, Inc.'s scope of services does not include locating abandoned utilities that are no longer locatable. It also does not include gravity sanitary or storm systems, small irrigation pipes, or low-voltage lines unless otherwise specified at an additional cost.

- GPR scans can only be performed in accessible areas that are clear from obstructions, such as Grass higher than three inches (3”), Fences, Structures, Construction Materials, Machinery, Dirt Mounds, Landscaping, Trees, Uneven Terrain, Bodies of Water, or Larger Puddles. Also, it should be noted that GPR is highly site-specific and may not produce favorable results due to soil composition.

- Allen Underground, Inc. services are limited to full and unobstructed access, including, but not limited to, mechanical rooms, manholes, hand holes, vaults, meter rooms, telecom rooms, fixtures (plumbing, electrical, communication), dispensers, fenced compounds, tanks, and structures. Full cooperation from the on-site personnel is necessary to perform a complete scan.

- Allen Underground, Inc. is not responsible for, moved, altered, obliterated or maintaining marks once the fieldwork has been completed.

ALLEN
UNDERGROUND

SCHEDULE "B" CONTINUED

A) LIMITS OF GPR AND (RF) SERVICES: (If Services are Provided)

Allen Underground, Inc. (AUI) will make every effort to horizontally detect the underground utilities described in the Scope of Work or as requested at the time of work within the designated work area(s). However, AUI cannot mark undetectable utilities/objects/voids. Therefore, AUI cannot guarantee that all subsurface utilities/objects/voids will be accounted for. Locate limitations that AUI will not be held liable for include but are not limited to:

GROUND PENETRATING RADAR (GPR):
- GPR investigations are highly site-specific and can be limited by attenuation of GPR signals by subsurface materials.
- GPR investigations are limited by uneven terrain conditions, high grass (over 3"), bushes, trees, debris, etc.
- All vertically stacked utilities/ objects may not be detected since GPR signals are reflected by the topmost utility/object.
- Some utilities/objects may not return a reflected signal to the GPR receiver.
- GPR scans cannot be made immediately next to buildings/objects due to equipment restrictions.
- Pipes with little or no liquid content at the time of Designating work may not be detected with GPR.
- Locations of existing utilities scanned by radar GPR are to be deemed approximate in nature and in no way are to be construed as exact. Allen & Company, Inc. (AUI) will not be held responsible for damage to existing utilities located by GPR scanning.

RADIO FREQUENCY LOCATING:
- The number of access points within designated locate areas may be limited or non-existent.
- The Utility or property owner may restrict or deny the use of utility access points.
- The Utility may not adequately carry the imposed current from the RF locate equipment.
- Fiber optic cable & other non-metallic lines with no or non-working tracer wire are untoneable with radio frequency locate equipment.
- Locations of existing utilities designated by RF locate equipment are to be deemed approximate in nature and in no way are to be construed as exact. (AUI) will not be held responsible for damage to existing utilities located by RF locate equipment.

ALLEN
UNDERGROUND

SCHEDULE "B" CONTINUED

(B) DESIGN ENGINEER and CONTRACTORS
• Due to locating limitations, the client's/owner's Design Engineer is expected to gather and identify existing facility information from various prints and underground facility owners/operators to confirm that no other subsurface
utilities/objects are present in the project area, and Contractors are responsible for abiding by Florida Statutes 556.106 - Sunshine 811.

(C) MACHINE DEPTHS: (If Service is provided)
• Machine depths are approximate readings, are not guaranteed depths, are provided for informational purposes only, and should not be relied upon for any subsurface work. AUI will not accept responsibility for actions based on the provided machine depths.

(D) VERTICAL EXCAVATION (DIRT SOFT DIG): (If Service is provided)
Information/Limitations:
Soft Digs are made within grassed or otherwise unpaved surface conditions to a maximum depth of approximately 12 feet to determine the utility/object's size and horizontal and vertical location.
• Soft Dig vertical depth measurements are made from the top of each exposed utility/object to the ground surface.
• The vertical depth range and visual inspection ability are dependent on soil composition and groundwater levels.
• The client must obtain/ provide AUI with any required soft dig permits before soft dig work is performed. The client will be responsible for any permitting soft dig fines assessed by the governing agency.

(E) CORE BORE WITH VERTICAL EXCAVATION (HARD SOFT DIG): (If Service is provided)
Information/Limitations:
A Core Bore is made in asphalt or concrete to vertically expose a utility or object and determine its depth from the top to the pavement surface.
• Vertical Excavation limits apply (See Item D).
• The test hole will be backfilled with similar materials compacted in 6" lifts or with a flowable fill mixture.
• The current asphalt thickness will be replaced with double asphalt thickness.
• The client must furnish AUI with Permits prior to work being scheduled. The client is responsible for the cost of all permits, MOT, Traffic Control, and any permitting fines assessed by the governing agency.

(F) CERTIFICATE OF INSURANCE (COI): New/Revised COI Requests
• Client COI requirements must be provided to AUI before issuing the Authorization to Proceed.
• AUI will invoice the client for all costs associated with client COI requirements that incur billable charges to AUI

ALLEN UNDERGROUND

CLIENT INFORMATION

For project management and billing purposes.
Please fill out and return to proposals@allen-underground.com

Company Name: _____
Address: _____
Project #: _____
Project Name: _____

A/P Contact Person: _____ A/P Contact Person Phone Number: _____ A/P Contact Person Email Address: _____ Special Invoicing Email Address: _____	Project Manager: _____ Project Manager's Phone Number: _____ Project Manager's Email Address: _____ Other Contact Info: _____

Customer Invoicing Requirement, if any: ○ Contract number ○ Purchase order number ○ Proof of work ○ Signed contract ○ _____	Pay Application, if any: ○ SupplyPro ○ Textura ○ Procore ○ Paymode ○ Exhibit ○ _____

What is your method of payment? ○ ACH ○ Bank wiring (fees will apply) ○ Check ○ _____	Is there a deadline to send out monthly invoices? ○ 5th ○ 15th ○ 25th ○ None/ Other _____

Any additional information to facilitate the invoicing process:
_____
_____
_____

TIERRA

October 9, 2025

Finrock

Attn: Aaron Gase – Project Executive

RE: Geotechnical & Environmental Services Proposal
Proposed Parking Garage
St. Petersburg/Clearwater International Airport (PIE)
Pinellas County, Florida
Tierra Proposal No. 65-25-386

Mr. Gase:

Tierra, Inc. (Tierra) appreciates the opportunity to submit the attached proposal to provide geotechnical engineering and environmental services for the subject project.

Project Description

We understand the project includes a new 4-story parking garage facility (approximately 123,00 SF footprint) at PIE in Pinellas County. Based on the provided concept plan, the project also includes pavement improvements consisting of new drives and a roundabout and the expansion of an existing stormwater pond. This proposal has been prepared to provide geotechnical services to support the project design. We understand DPS will be providing a portion of the geotechnical drilling services for the Finrock team.

Geotechnical Scope of Services

The objective of our study will be to obtain information concerning subsurface conditions at the site in order to base engineering estimates and recommendations in each of the following areas:

1. Feasibility of utilizing shallow spread foundation system or deep foundations to support the proposed structures. Suitability of slabs-on-grade.

2. Design parameters required for the proposed structure foundation systems, including allowable bearing pressures, foundation levels and soil compaction recommendations.

3. General location and description of potentially deleterious materials discovered in the borings that may interfere with construction progress and structure performance, including existing fills or surficial organics.

4. Identification of groundwater levels. Estimation of the seasonal high groundwater levels.

5. Permeability characteristics of the near surface soils in the proposed pond area.

6. Pavement design parameters and geotechnical construction considerations.

In order to meet the preceding objectives, we propose to provide the following services:

1. Review published soils and topographic information. This published information will be obtained from the appropriate Florida Quadrangle Map published by the USGS, and the Soil Survey of Hernando County, published by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS). Review available geotechnical reports for previous projects performed at the airport.

2. Conduct a visual site reconnaissance of the project site and locate and coordinate utility clearance.

3. Perform a geotechnical field study for the proposed development consisting of borings, subsurface sampling, and field testing. Based on the provided site plan information, we plan to perform the following:

   BASE SCOPE

   - Coordinate with Finrock and DPS regarding proposed boring locations, boring depths and schedule for completing Standard Penetration Test (SPT) borings for the project.

   - Perform four (4) hand auger borings and four (4) field permeability tests within the proposed pond expansion area.

   - Perform 14 hand auger borings to a depth of 5 feet in proposed new pavement areas.

   - Perform two (2) pavement cores to determine the existing pavement section present in the areas of proposed improvements to the existing pavement.

   - Collect four (4) bulk samples of the existing subgrade materials for California Bearing Ratio (CBR) testing.

   OPTIONAL SCOPE

   - Perform up to six (6) Cone Penetration Tests (CPT) soundings within the footprint of the proposed parking garage structure.

4. Measure the groundwater level at the boring locations. Estimate the seasonal high groundwater level at selected boring locations.

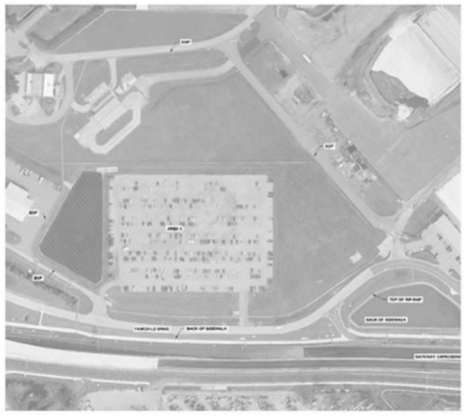
5. Visually classify and stratify all recovered soil samples (Tierra and DPS) in the laboratory using the Unified Soil Classification System.

6. Prepare an engineering report which summarizes the course of study pursued, the field and laboratory data generated, the subsurface conditions encountered and our recommendations.

Environmental Phase I Scope of Services

Tierra will perform a Phase I ESA to search for evidence of recognized environmental conditions (RECs) in connection with the subject property in general accordance with ASTM E 1527-21, Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process*. RECs are defined by ASTM E 1527-21 as:

- The presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment,
- The likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment, or
- The presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.



Additionally, Tierra will endeavor to identify historical RECs and controlled RECs. It is noteworthy that a *de minimis* condition is not considered an REC.

In order to meet the preceding objectives, we propose to perform the following tasks:

- Tierra will perform the assessment under the supervision of an Environmental Professional as defined in 40 CFR 312.10. The scope of services will include records review, site reconnaissance, interviews, and preparation of a report.
- Tierra will review regulatory database information for indications of contamination conditions on and surrounding the subject property. Physical setting and historical information sources will be reviewed in an attempt to determine the past uses of the subject property.
- We will ask for and review other helpful documents regarding contamination conditions on the subject property provided from you, the property owner, and/or key site personnel (if any are identified).
- A map will be provided in the report that illustrates the location of the subject property. Color photographs will be obtained during the site reconnaissance and reproduced in the report to document pertinent details of the subject property.
- Tierra will attempt to conduct interviews as required in ASTM E 1527-21. Tierra will conduct the interviews by phone, in writing, or in person. Parties to be interviewed include you or your designated representative as the “user” of the Phase I ESA, the current property owner, key site personnel, and one or more representatives of state and/or local government agencies. Past owners, operators, occupants, and neighboring property owners or occupants may also be interviewed, if available.

- Tierra will prepare a report of our findings and deliver to you electronically. The report will include a summary section that explains our findings, any identified RECs, historical RECs, controlled RECs, any data gaps encountered, and the impact of those data gaps on the assessment (i.e., significant data gap). Recommendations can be provided under separate cover, if requested.

Assessment of Issues Beyond the Scope of ASTM E 1527-21

Tierra understands that you have not requested an assessment of any environmental issues or conditions outside the scope of ASTM E 1527-21 in connection with this Phase I ESA. Mold, asbestos, indoor air quality, radon, and drinking water assessments are not included in this scope of work. Should any of these services be required, please contact Tierra for a revised scope and cost estimate.

Client Responsibilities

ASTM E 1527-21 describes certain responsibilities of the client as the user of the Phase I ESA to collect and provide information to the environmental professional to help identify the possibility of recognized environmental conditions in connection with the subject property. This information is identified on the attached User Questionnaire. We request that any recorded land title/lien records for the subject property are reviewed by you for environmental liens and activity/use limitations and if any are identified that they are reported to Tierra.

This report will be prepared to identify RECs in accordance with ASTM E 1527-21. If there are other reasons for preparation of this report (such as to qualify for one of the landowner liability protections afforded by CERCLA), Tierra requests that you inform us and provide the items specifically required by the user.

The attached User Questionnaire is intended to help you meet the user responsibilities under ASTM E 1527-21. ASTM E 1527-21 also requires that Tierra review the information at or prior to the beginning of our site reconnaissance. Tierra requests that you complete the User Questionnaire and return it along with proposal authorization. The completed User Questionnaire will become an integral part of the Phase I report. Absence of the User Questionnaire may be considered a data gap.

Service Fee

The estimated budget to perform the above outlined Base Scope of Services for the project is **$121,763.12**. The estimated budget to perform the above outlined Optional Scope of Services for the project is **$19,020.58.** Unit Fee Schedule budget estimates are attached. We will provide you with verbal results and immediately notify you should conditions impacting our scope, schedule or cost of services occur.

Basis of Proposal and Exclusions

1. This proposal is based on authorization for site access being secured prior to Tierra mobilizing to the site.

2. This proposal does not include Maintenance of Traffic services for soil borings or other geotechnical field services to be performed within travel lanes of existing roadways.

3. This proposal is based on the assumption that no hazardous materials exist on-site that would impact our investigation.

4. This proposal does not include services associated with surveying the boring locations. The borings will be located in the field using hand-held GPS devices with a reported accuracy of ±10 feet. Boring elevations can be estimated by Tierra using topographic survey information provided by others in conjunction with the GPS coordinates obtained in the field.

We appreciate the opportunity to be of service to you. Should you have any questions in regard to this proposal, please do not hesitate to contact this office.

Respectfully Submitted,

TIERRA, INC.

Kevin H. Scott, P.E.
Senior Geotechnical Engineer

Attachment: Unit Fee Schedule Budget Estimates; User Questionnaire

Tierra Proposal No. 65-25-386 | Tierra Inc | PIE Parking Garage Improvements
BASE SCOPE | Table 6 Standard Fee Schedule

Item Description	Unit	Unit Price	Quantity	Total
209-Asphalt Pavement Coring – 4" dia with Base Depth Check	Each	$ 250.00	2	$ 500.00
401-Geo Auger Borings- Hand & Truck/Mud Bug	LF	$ 11.20	90	$ 1,008.00
418-Geo Drill Crew Support Vehicle	Day	$ 270.00	2	$ 540.00
432-Geo Field Permeability 0-10 Ft (Open - End Borehole Method)	Each	$ 360.00	4	$ 1,440.00
434-Geo Ground Penetrating Radar (GPR)	Hour	$ 350.00		$ -
440-Geo Grout Boreholes- Truck/Mud Bug 000-050 Ft	LF	$ 6.25		$ -
441-Geo Grout Boreholes- Truck/Mud Bug 050-100 Ft	LF	$ 8.00		$ -
478-Geo SPT Truck-Mud Bug 0-50 Ft	LF	$ 15.50		$ -
479-Geo SPT Truck-Mud Bug 50-100 Ft	LF	$ 19.00		$ -
488-Geo Temp Casing 3" Truck/Mud Bug 000-050 Ft	LF	$ 10.30		$ -
489-Geo Temp Casing 3" Truck/Mud Bug 050-100 Ft	LF	$ 14.00		$ -
603-Mobilization Asphalt Coring equipment	Each	$ 385.00	1	$ 385.00
612-Geo Mobilization Drill Rig Truck Mount	Each	$ 540.00		$ -
805-Soils Corrosion Series (FM 5-550 through 5-553)	Test	$ 305.00	8	$ 2,440.00
810-Soils Limerock Bearing Ratio (LBR)/California Bearing Ratio (CBR)	Test	$ 375.00	4	$ 1,500.00
811-Soils Liquid Limit (AASHTO T 89)	Test	$ 61.00	60	$ 3,660.00
812-Soils Materials Finer than 200 Sieve (FM 1-T011)	Test	$ 47.00	180	$ 8,460.00
817-Soils Moisture Content Laboratory (AASHTO T 265)	Test	$ 17.00	70	$ 1,190.00
819-Soils Organic Content Ignition (FM 1 T-267)	Test	$ 46.00	10	$ 460.00
826-Soils Plastic Limit & Plasticity Index (AASHTO T 90)	Test	$ 70.00	60	$ 4,200.00
Engineering and Technical Support Services				
Chief Engineer 2	Hour	$ 238.75	16	$ 3,820.00
Chief Scientist	Hour	$ 182.99	8	$ 1,463.92
Engineer 2	Hour	$ 164.80	80	$ 13,184.00
Engineering Intern	Hour	$ 125.59	160	$ 20,094.40
Engineering Technician	Hour	$ 74.75	120	$ 8,970.00
Secretary / Clerical	Hour	$ 103.69	12	$ 1,244.28
Senior Designer	Hour	$ 132.38	120	$ 15,885.60
Senior Engineer 1	Hour	$ 214.27	80	$ 17,141.60
Senior Engineering Technician	Hour	$ 114.00	80	$ 9,120.00
Senior Scientist	Hour	$ 158.01	32	$ 5,056.32
	Total Estimated Fee			$ 121,763.12

Tierra Proposal No. 65-25-386 | Tierra Inc | PIE Parking Garage Improvements
OPTIONAL Services | Table 6 Standard Fee Schedule

Item Description	Unit	Unit Price	Quantity	Total
CPT Soundings- Truck 000-050 Ft	LF	$ 25.00	300	$ 7,500.00
CPT Soundings- Truck 050-100 Ft	LF	$ 29.00	180	$ 5,220.00
Geo Mobilization CPT Rig Truck Mount	Each	$ 970.00	1	$ 970.00
Engineering and Technical Support Services				
Chief Engineer 2	Hour	$ 238.75	2	$ 477.50
Engineer 2	Hour	$ 164.80	8	$ 1,318.40
Engineering Intern	Hour	$ 125.59	12	$ 1,507.08
Engineering Technician	Hour	$ 74.75	4	$ 299.00
Secretary / Clerical	Hour	$ 103.69		$ -
Senior Designer	Hour	$ 132.38	4	$ 529.52
Senior Engineer 1	Hour	$ 214.27	4	$ 857.08
Senior Engineering Technician	Hour	$ 114.00	3	$ 342.00
	Total Estimated Fee			$ 19,020.58

DPS CORP.

October 3, 2025

Finrock

Attn.: Mr. Aaron Gase

PROPOSAL FOR GEOTECHNICAL FIELD TESTING AND SAMPLING SERVICES
PROPOSED PARKING GARAGE
ST. PETE/CLEARWATER INTERNATIONAL AIRPORT (PIE)
PINELLAS COUNTY, FL

Mr. Gase:

Diversified Professional Services Corp (DPS) is pleased to present this proposal for geotechnical drilling services to support the project.

SCOPE

Based on coordination with Tierra, Inc., we understand the Scope of Services will include the following:

1. Attend pre-fieldwork meetings onsite (total of two anticipated).

2. Perform 90 Standard Penetration Test (SPT) borings within the proposed parking structure footprint to a depth of 70 to 80 feet below existing grades. Perform two (2) SPT borings within the proposed pond expansion area to a depth of 20 feet below existing grades. Samples will be collected, and Standard Penetration Test resistances measured continuously for the top ten feet and at approximate intervals of five feet, thereafter.

3. Provide soil samples and field logs to Tierra.

ESTIMATED FEE

Based on the Scope of Services provided by Tierra, Inc. the estimated fee to perform the above scope of services is $272,212. A Unit Cost breakdown is attached.

We appreciate the opportunity to offer our services and look forward to working with your team.
Sincerely,

Diversified Professional Services, Corp.

Sandra L. Polanis, President

Attachments: Unit Cost Breakdown

DPS
Standard Fee Schedule 2025-2026

Item Description	Unit	Unit Price	Quantity	Total
418-Geo Drill Crew Support Vehicle	Day	$ 305.00	70	$ 21,350.00
440-Geo Grout Boreholes- Truck/Mud Bug 000-050 Ft	LF	$ 8.10	4540	$ 36,774.00
441-Geo Grout Boreholes- Truck/Mud Bug 050-100 Ft	LF	$ 10.10	2700	$ 27,270.00
478-Geo SPT Truck-Mud Bug 0-50 Ft	LF	$ 19.70	4540	$ 89,438.00
479-Geo SPT Truck-Mud Bug 50-100 Ft	LF	$ 22.50	2700	$ 60,750.00
488-Geo Temp Casing 3" Truck/Mud Bug 000-050 Ft	LF	$ 12.50	2700	$ 33,750.00
612-Geo Mobilization Drill Rig Truck Mount	Each	$ 720.00	4	$ 2,880.00
	Total Estimated Fee			$ 272,212.00

PROFESSIONAL SERVICES AGREEMENT

PROJECT

PIE Parking Garage Site

PRELIMINARY PROVISIONS

This Agreement is made as of ***10/14/2025*** between two parties, Dark Moss LLC (the "Consultant") and the Client as set forth below, for Professional Services as provided herein.

CONSULTANT	CLIENT
Dark Moss	**COMPANY NAME:**
Richard Peterika, President	**NAME:**
308 E 7th Ave	**STREET ADDRESS:**
Tampa, Florida 33602	**CITY ST ZIP CODE:**
813-532-3440, rick@darkmoss.com	**CONTACT:**

COMPENSATION

Compensation for the Scope of Services performed under this Agreement shall be the Estimated Sum provided herein. Client shall pay Professional an initial payment (the "Retainer") as set forth below upon execution of this Agreement.

Fixed Services:	**$21,034**
Supplemental Services (estimated):	**$0**

THE ESTIMATED SUM IS: $21,034

Fixed Services are provided on a percent complete basis.

Supplemental Services are beyond the Scope of Fixed Services and, when requested in writing by the Client, shall entitle the Professional to additional compensation beyond the compensation noted above. Client and Consultant agree and acknowledge that the pursuit of land use, zoning, and permit applications present inherent uncertainty that requires the Consultant's ongoing coordination with government officials, project staff, along with Client, agent, designers, representatives, and agents thereof. Unless expressly stated as being provided in accordance with the Estimated Sum, the foregoing coordination services shall be provided in accordance with the hourly pricing schedule set forth in Article 8 herein.

THE RETAINER IS: $0

The Retainer shall appear as a credit against payment on the **final invoice** issued to Client.

Date Issued:
10/14/2025

PROFESSIONAL SERVICES AGREEMENT

PIE Parking Garage Site

2 of 4

SCOPE OF FIXED SERVICES

Professional Services to be provided under this Agreement are:

Lump Sum Portion of Estimated Sum:

1 **Schematic Design** — **$3,418**

Professional will: develop Schematic Design Plans for Client & Design Team review Submittals to include: Planting Plans, Soils Plans, and Irrigation Plans. Develop outline specifications for applicable areas of work.
Up to 2 Meetings (virtual): Coordination as necessary between Landscape Architect (LA) and developer/architect (Client) and Design Team during the SD phase.

2 **Design Development** — **$9,635**

Based on the Schematic Design phase, develop Design Development Plans for Client & Design Team review Submittals to include: Planting, Soils, and Irrigation Plans. Prepare construction specifications for proposed work. This phase will include sufficient detail for several permitting reviews. Develop regulatory plan sheets with information sufficient to submit for the first few phases of permitting, Up to 2 Meetings (virtual). Includes two rounds of permitting.

3 **Landscape and Irrigation Construction Documents** — **$6,205**

Based on the Design Development phase, develop Construction Documents Plans for Client & Design Team review Submittals to include: Planting Plans, Soils Plans, and Irrigation Plans. Develop Tree Entitlement Plans for permitting purposes. Refine construction specifications for proposed work. Up to 4 Meetings (virtual); Prepare construction documents for multiple submittals, specifically: GMP set and IFC set.

4 **OAC Meetings** — **$1,776**

Professional shall: attend up to six OAC or recurring meetings total are aggregated within Tasks 1 through 3, additional meetings will be billed hourly.

SCOPE OF SUPPLEMENTAL SERVICES

Professional Services to be provided under this Agreement are:

5

PROFESSIONAL SERVICES AGREEMENT

STANDARD TERMS

ARTICLE 1 – PROFESSIONAL SERVICES

1.1 - Standard of Care

The Consultant Services shall be performed with care and diligence in accordance with the professional standards applicable at the time and in the location of the Project and appropriate for a project of the nature and scope of this Project.

1.2 - Approval of Services/Changes to Approved Services

The Consultant shall proceed with a phase or design package of the Professional Services only after receiving the Client's written approval of the Services and deliverables provided in the previous phase and written authorization to proceed with the next phase. Revisions to drawings or other documents shall constitute Supplemental Services when made necessary because of Client-requested changes to previously approved drawings or other documents, or because of Client changes to previous Project budget parameters or Project requirements.

1.3 - Opinions of Probable Construction Costs

Opinions of probable construction costs provided by the Consultant are based on the Consultant's familiarity with the landscape construction industry and are provided only to assist the Client's budget planning; such opinions shall not be construed to provide a guarantee or warranty that the actual construction costs will be within the Project budget parameters at the time construction bids are solicited or construction contracts negotiated. Unless expressly agreed in writing and signed by the parties, no fixed limit of construction costs is established as a condition of this Agreement by the furnishing of opinions of probable construction costs.

1.4 - Schedule of Performance

The Client's signature on this Agreement shall be the basis for the Consultant to begin providing services for the Project. The Consultant shall perform the services as expeditiously as is consistent with the standard of care described in section 1.1, above.

1.5 - No Warranty of Outcomes

The Client acknowledges that planning services such as rezonings, variances, design exceptions, and similar requests are provided in an uncertain regulatory context and understands that Dark Moss cannot promise, guarantee, or warrant any specific outcome.

ARTICLE 2 – CLIENT RESPONSIBILITIES

2.1 - Reliance

The Consultant shall be entitled to rely on the accuracy and completeness of the information, test results, and work product provided by the Client and the Client's consultants. The Consultant shall not be responsible for calculations, specifications, or design based on erroneous, inaccurate, or incomplete information provided by the Client, provided that the Consultant has acted in accordance with the standard of care described in Section 1.1 above.

2.2 - Budget

The Consultant shall reasonably strive to propose designs and prepare documents consistent with the Client's budget parameters. If provided by the Consultant as a part of the Scope of Services, opinions of probable construction costs are based on the Consultant's familiarity with the landscape construction industry and are provided only to assist the Client's budget planning. Such opinions shall not be construed to provide a guarantee or warranty that the actual construction costs will be within the Project budget parameters at the time construction bids are solicited or construction contracts negotiated.

2.3 - Approvals

The Client's decisions, approvals, reviews, and responses shall be communicated to the Consultant in a timely manner so as not to delay the performance of the Professional Services.

2.4 - Project Permit and Review Fees

The Client shall pay all fees required to secure jurisdictional approvals for the Project.

2.5 - Access to Property

The Client shall permit the Consultant to enter upon the Property during daylight hours for the purpose of completing the Professional Services.

ARTICLE 3 – OWNERSHIP OF DOCUMENTS

The Consultant shall be deemed the author and owner of all documents and deliverables developed pursuant to this Agreement and provided to the Client by the Consultant (collectively, the "Design Materials"). Subject to payment by the Client of all fees and Reimbursable Expenses owed to the Consultant, the Consultant grants to the Client an irrevocable, non-exclusive license to reproduce the Design Materials solely for the construction of the Project and for information and reference with respect to the use of the Project.

ARTICLE 4 – CONSULTANT COMPENSATION

4.1 - Generally

Compensation for the Professional Services performed under this Agreement shall be as indicated in the Preliminary Provisions plus Reimbursable Expenses as defined below. Supplemental Services, when requested in writing by the Client, shall require additional compensation to be determined on an hourly basis or on the basis of a negotiated fee.

4.2 - Reimbursable Expenses

Reimbursable Expenses are expenditures made by the Consultant, its employees, and consultants in the interest of the Project plus an administrative fee of 10%. Reimbursable Expenses include but are not limited to travel expenses, costs of reproduction of documents, postage, services of professional consultants which cannot be quantified at the time of contracting, and other, similar, direct Project-related expenditures.

4.3 - Payment Schedule

Monthly payments to the Consultant shall be based on (1) the percentage of the Scope of Services completed, and shall include payments for (2) Supplemental Services performed, and (3) Reimbursable Expenses incurred.

4.4 - Payments Due

Payments are due and payable 45 days from the date of receipt, provided invoices are submitted prior to the 20th of the month. Invoiced amounts unpaid 60 days after the invoice date shall be deemed overdue and shall accrue **1.5% simple interest per month.** At the Consultant's option, overdue payments may be grounds for termination or suspension of services.

ARTICLE 5 – INDEMNIFICATION

Client and Consultant each agree to indemnify and hold harmless the other, and their respective officers, employees and representatives, from and

PROFESSIONAL SERVICES AGREEMENT

STANDARD TERMS

against liability for losses, damages, and expenses, including reasonable attorney's fees, to the extent such losses, damages, or expenses are caused by the indemnifying party's negligent acts, errors, or omissions. In the event losses, damages, or expenses are caused by the joint or concurrent negligence of Client and Consultant, they shall be borne by each party in proportion to its negligence.

ARTICLE 6 – DISPUTE RESOLUTION

6.1 - Generally

If a dispute arises out of or relates to this Agreement, the parties shall endeavor to resolve their differences first through direct discussions. If the dispute has not been settled within 15 business days of the initial discussions, the parties shall submit the dispute to mediation in Tampa, Florida, the cost of which shall be shared equally by the parties. The parties agree that if there is one or more disputed items that remain unresolved at the conclusion of the mediation, the parties will proceed with binding mediation where the mediator will render a final and binding decision on those unresolved items. The settlement agreement and/or award shall be binding upon the parties and shall be enforceable in any court of competent jurisdiction.

6.2 - Liens

Nothing in these provisions shall limit rights or remedies not expressly waived under applicable lien laws.

6.3 - Termination

This Agreement may be terminated by either party on 30 days written notice should the other party fail substantially to perform in accordance with its terms through no fault of the party initiating the termination, provided the defaulting party has not cured or in good faith diligently commenced to cure the breach during the 30-day notice period.

ARTICLE 7 – OTHER TERMS AND CONDITIONS

7.1 - Assignment

Client shall not assign its interest in this Agreement without the express written consent of Consultant, except as to the assignment of proceeds. Written consent shall not be unreasonably withheld.

7.2 - Governing Law

This Agreement shall be governed and construed by the laws of the State of Florida. Each party hereby irrevocably submits to the exclusive jurisdiction of the State of Florida for the purposes of any proceedings arising out of this Agreement.

7.3 - Severability

The invalidity or unenforceability of any provision of this Agreement shall not affect the validity or enforceability of the remaining provisions (including any remaining provisions within the same numbered paragraph).

7.4 - Attorney's Fees

In the event Client fails to make any payment as specified herein, then Client agrees to be responsible for all reasonable costs of collection for the unpaid balance plus reasonable attorney's fees provided a judgment is issued against the Client and Consultant is found to be the prevailing party.

7.5 - Complete Agreement

This Agreement represents the entire understanding between the Client and the Consultant and supersedes all prior negotiations, representations, or agreements, whether written or oral with respect to its subject matter. The person(s) signing this Agreement on behalf of the parties hereby individually warrant that they have full legal power to execute this Agreement on behalf of the respective parties and to bind and obligate the parties with respect to all provisions contained herein.

This Agreement may be amended only in a writing signed by both the Client and the Consultant.

ARTICLE 8 – CONSULTANT'S COMPENSATION RATES SCHEDULE

Effective April 1st, 2025, hourly rates and reimbursable expenses are as follows:

Hourly Rates	Expenses
Expert Witness/Principal: $325.00	Mailed notices: $4.50 per notice
Project Arborist: $315.00	In-house printing & copies, per side:
Project Landscape Architect: 220.00	Letter: $0.12 b/w, $0.50 color
Consulting Arborist II: $221.00	11x17: $0.24 b/w, $1.00 color
Consulting Arborist I: $180.00	ARCH D: $1.50 b/w, $24.00 color
Landscape Architect: $190.00	Large Format Prints: cost + 10%
Design Staff II: $127.00	Mileage: $0.575
Certified Planner: $216.00	Postage & Delivery: cost + 10%

DARK MOSS LLC

BY: RICHARD PETERIKA, PRESIDENT

DATE: 10/14/2025

CLIENT SIGNATURE

BY:

DATE:

Project Planning - Dark Moss

From: 1/2/2021 To: 1/1/2026

Project: Z-PIE2025 St Pete Clearwater Airport Garage PIC: Peterika, Ricky

Client: MISC Miscellaneous Client PM:

WBS Budget & Actuals	Bgt Hrs.	Bgt Labor	Actual Labor	Bgt ODC	Actual ODC	Budget CNS	Actual CNS	Total Budget	Total Actual
Z-PIE2025 St Pete Clearwater Airport Garage	**0.00**	**21,034.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**21,034.00**	**0.00**
1 Schematic Design	0.00	3,418.00	0.00	0.00	0.00	0.00	0.00	3,418.00	0.00
2 Design Development	0.00	9,635.00	0.00	0.00	0.00	0.00	0.00	9,635.00	0.00
3 Construction Documents	0.00	6,205.00	0.00	0.00	0.00	0.00	0.00	6,205.00	0.00
4 OAC Meetings	0.00	1,776.00	0.00	0.00	0.00	0.00	0.00	1,776.00	0.00
5 Supplemental Service Task 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6 Supplemental Service Task 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7 Supplemental Service Task 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99 General Supplemental Services	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Allocated Labor	Alloc Hrs	ETC Hrs	Actual Hrs	Alloc Amount	ETC Amount	Actual Labor
Z-PIE2025 St Pete Clearwater Airport Garage	**142.00**	**0.00**	**0.00**	**21,034.00**	**0.00**	**0.00**
1 Schematic Design	22.00	0.00	0.00	3,418.00	0.00	0.00
ASLA Landscape Architect	*4.00*	*0.00*	*0.00*	*760.00*	*0.00*	*0.00*
Design Staff II	*14.00*	*0.00*	*0.00*	*1,778.00*	*0.00*	*0.00*
Project Landscape Architect	*4.00*	*0.00*	*0.00*	*880.00*	*0.00*	*0.00*
2 Design Development	65.00	0.00	0.00	9,635.00	0.00	0.00
ASLA Landscape Architect	*16.00*	*0.00*	*0.00*	*3,040.00*	*0.00*	*0.00*
Design Staff II	*45.00*	*0.00*	*0.00*	*5,715.00*	*0.00*	*0.00*
Project Landscape Architect	*4.00*	*0.00*	*0.00*	*880.00*	*0.00*	*0.00*
3 Construction Documents	43.00	0.00	0.00	6,205.00	0.00	0.00
Design Staff II	*35.00*	*0.00*	*0.00*	*4,445.00*	*0.00*	*0.00*
Project Landscape Architect	*8.00*	*0.00*	*0.00*	*1,760.00*	*0.00*	*0.00*
4 OAC Meetings	12.00	0.00	0.00	1,776.00	0.00	0.00
ASLA Landscape Architect	*4.00*	*0.00*	*0.00*	*760.00*	*0.00*	*0.00*
Design Staff II	*8.00*	*0.00*	*0.00*	*1,016.00*	*0.00*	*0.00*

Scheduled Labor	Cur Sched Hrs	Sched Hrs	Actual Hrs	Cur Sched Amt	Sched Amount	Actual Labor

Proposal Provided to:
FINFROCK
2400 Apopka Blvd
Apopka, FL 32703 USA

Presented By:
Jason Michalski
Jason.Michalski@ageintegratedsolutions.com
(352) 999-1926
Expires 10/17/2025

AGE Integrated Solutions, LLC
3104 Sparkman Rd.
Plant City, FL 33566
(352) 999-1926

Jason Michalski, CEO & Founder
(Jason.Michalski@AGEIntegratedSolutions.com)
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AGE Integrated Solutions
Proposal for Security Design Consulting Services

Date: September 17, 2025
To: Finfrock
From: AGE Integrated Solutions
Subject: Proposal – Security Design Consulting for St Pete Clearwater Airport Strawberry Lot 4 Story Parking Garage Project

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1. Project Overview

Finfrock has been awarded the contract to design a new parking garage facility for St Pete Clearwater Airport Strawberry Lot 4 Story Parking Garage Project. To support the safety and security goals of the project, AGE Integrated Solutions will provide consulting services to ensure an effective and integrated security design.

Our role will be to collaborate with the design team to develop recommendations, specifications, and drawings related to surveillance, access control, emergency communication, and other critical security measures.

Our role will be to collaborate with the design team to develop recommendations, specifications, and drawings related to surveillance, access control, emergency communication, and other critical security measures.

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2. Scope of Services

Our security design consulting will include:

- **Assessment & Planning**
  - Review architectural drawings and plans for security considerations.
  - Identify vulnerabilities and provide recommendations.
- **System Design**
  - Develop preliminary security system layout (cameras, access control, intercoms, intrusion detection).
  - Provide equipment recommendations and specifications.

- Coordinate integration of systems into architectural/electrical drawings.

- **Collaboration**
  - Attend design meetings (virtual/in-person).
  - Provide consultation to architects, engineers, and stakeholders.
- **Documentation**
  - Prepare security system design documents.
  - Deliver cost estimates for recommended solutions.
- **Construction Support (optional add-on)**
  - Review contractor submittals.
  - Conduct site visits to verify installation compliance.

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3. Deliverables

- Security design recommendations report.
- Security system layout drawings (PDF markups).
- Specification sheets for recommended equipment.
- Coordination notes and meeting documentation.

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4. Schedule "Estimated"

- Project Kickoff: October 1, 2025
- Design Coordination: October – November 2025 (6 weeks)
- Final Deliverables: November 15, 2025

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5. Labor & Cost

Labor Rates:

- **Principal Consultant / Project Lead:** $150/hr
- **Security Systems Designer:** $95/hr
- **Administrative Support:** $65/hr

Estimated Hours & Cost:

Task	Hours	Role(s) Involved	Cost Estimate
Project Coordination & Meetings	20 hrs	Principal + Designer	$3,800
System Design & Documentation	35 hrs	Designer + Principal oversight	$4,525
Review & Revisions	10 hrs	Principal + Designer	$1,625
Documentation & Admin Support	8 hrs	Admin Support	$520
Subtotal Estimated Labor	**73 hrs**		**$10,470**

Estimated Total Labor Cost: $10,470
(Travel expenses, if applicable, will be billed separately at cost.)

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6. Terms

- Invoicing: Monthly, net 30 days.
- This proposal is valid for 30 days from the date above.

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7. Acceptance

If this proposal meets with your approval, please sign below.

Authorized Signature Finfrock: _____
Date: _____

Prepared by AGE Integrated Solutions: _____
Title, Company: _____

Project: St Pete/ Clearwater Airport Strawberry PIE Parking Lot
Project ID's:

Owner: Pinellas County

Progressive Design Builder: Ajax Paving Industries of Florida, LLC

Design Build Preliminary Phase - Preconstruction Fee (Oct 2025 to May 2026)

2025/ 2026

Preconstruction Roles	Rate	November %	November HR's	December %	December HR's	January %	January HR's	February %	February HR's	March %	March HR's	Subtotal
Executive Role	$ 96.00	1%	2	1%	2	1%	2	1%	2	1%	2	$ 960.00
Progressive Design Build Manager	$ 60.00	5%	9	5%	9	5%	9	5%	9	5%	9	$ 2,700.00
Senior Construction Engineer	$ 65.00	3%	5	3%	5	3%	5	3%	5	3%	5	$ 1,625.00
Senior Estimator	$ 65.00	2%	3	2%	3	5%	9	5%	9	5%	9	$ 2,145.00
Project Controls Manager	$ 40.00	0%	0	0%	0	0%	0	0%	0	0%	0	$ -
Office/ Clerical Staff	$ 28.00	0%	0	0%	0	0%	0	0%	0	0%	0	$ -
Subtotal Hours			19		19		25		25		25	
Subtotal Direct Labor			$ 1,252.00		$ 1,252.00		$ 1,642.00		$ 1,642.00		$ 1,642.00	$ 7,430.00
Subtotal Burdened Labor @	2.83		$ 3,543.16		$ 3,543.16		$ 4,646.86		$ 4,646.86		$ 4,646.86	$ 21,026.90

2026

Preconstruction Roles	Rate	April %	April HR's	May %	May HR's	June %	June HR's	July %	July HR's	August %	August HR's	Subtotal
Executive Role	$ 96.00	1%	2	0%	0	0%	0	0%	0	0%	0	$ 192.00
Progressive Design Build Manager	$ 60.00	5%	9	0%	0	0%	0	0%	0	0%	0	$ 540.00
Senior Construction Engineer	$ 65.00	3%	5	0%	0	0%	0	0%	0	0%	0	$ 325.00
Senior Estimator	$ 65.00	2%	3	0%	0	0%	0	0%	0	0%	0	$ 195.00
Project Controls Manager	$ 40.00	0%	0	0%	0	0%	0	0%	0	0%	0	$ -
Office/ Clerical Staff	$ 28.00	0%	0	0%	0	0%	0	0%	0	0%	0	$ -
Subtotal Hours			19		0		0		0		0	
Subtotal Direct Labor			$ 1,252.00		$ -		$ -		$ -		$ -	$ 1,252.00
Subtotal Burdened Labor @	2.83		$ 3,543.16		$ -		$ -		$ -		$ -	$ 3,543.16

Design Build Preliminary Phase - Preconstruction Fee

Preconstruction Roles	Total Hours	Direct Labor	Burdened Labor @ 2.83
Executive Role	12	$ 1,152.00	$ 3,260.16
Progressive Design Build Manager	54	$ 3,240.00	$ 9,169.20
Senior Construction Engineer	30	$ 1,950.00	$ 5,518.50
Senior Estimator	36	$ 2,340.00	$ 6,622.20
Project Controls Manager	-	$ -	$ -
Office/ Clerical Staff	0	$ -	$ -
Total	132	$ 8,682.00	$ 24,570.06

Scope:

1. Participate in weekly civil coordination calls through schematic, design development, and construction document phases.

2. Technical review of civil plans at 100% Schematic, 100% Design Development, and 50% CD milestones.

	FINFROCK LOADED HOURLY RATES	FDOT LOADED HOURLY RATES			
CLASSIFICATION	RATE (HOURLY)		LOADED RATE	PERCENTAGE DIFFERENCE	ACCEPTABLE (10% or Less)
ONSITE/GC'S					
Project Principal	$300.00	$ 114.29	$342.87	-12.50%	YES
Project Executive	$225.00	$ 114.29	$342.87	-34.38%	YES
Preconstruction Director	$210.00	$ 114.29	$342.87	-38.75%	YES
Preconstruction Manager	$195.00	$ 100.42	$301.26	-35.27%	YES
Estimator	$120.00	$ 45.97	$137.91	-12.99%	YES
Senior Project Manager	$195.00	$ 100.42	$301.26	-35.27%	YES
Project Manager	$155.00	$ 93.23	$279.69	-44.58%	YES
Assistant Project Manager	$115.00	$ 70.46	$211.38	-45.60%	YES
General Superintendent	$195.00	$ 91.70	$275.10	-29.12%	YES
Superintendent	$155.00	$ 55.50	$166.50	-6.91%	YES
Assistant Superintendent	$115.00	$ 38.84	$116.52	-1.30%	YES
Safety Manager	$125.00	$ 38.84	$116.52	7.28%	YES
Project Administrator	$85.00	$ 47.43	$142.29	-40.26%	YES
Project Accountant	$90.00	$ 38.75	$116.25	-22.58%	YES
Quality Control Technician	$95.00	$ 36.42	$109.26	-13.05%	YES
Scheduler	$105.00	$ 79.00	$237.00	-55.70%	YES
Erector (Toronto)	$85.00		$0.00	#DIV/0!	N/A
Welder (Toronto)	$100.00		$0.00	#DIV/0!	N/A
Rigger (Toronto)	$75.00		$0.00	#DIV/0!	N/A
Driver (Finfrock Transportation)	$65.00		$0.00	#DIV/0!	N/A
DESIGN					
Project Architect (Finfrock Design)	$215.00	$ 89.32	$267.96	-19.76%	YES
Architectual Lead (Finfrock Design)	$205.00	$ 86.50	$259.50	-21.00%	YES
Drafter/Modeler (Finfrock Design)	$130.00	$ 51.74	$155.22	-16.25%	YES
Structural Engineer (Finfrock Design)	$200.00	$ 70.13	$210.39	-4.94%	YES
Structural Designer (Finfrock Design)	$150.00	$ 55.91	$167.73	-10.57%	YES
VDC Manager (Finfrock Design)	$150.00	$ 47.75	$143.25	4.71%	YES
Precast Engineer (Finfrock Design)	$160.00	$ 55.91	$167.73	-4.61%	YES
Precast Drafter (Finfrock Design)	$130.00	$ 51.74	$155.22	-16.25%	YES

	AVCON LOADED HOURLY RATES	FDOT LOADED HOURLY RATES			
CLASSIFICATION	RATE (HOURLY)		LOADED RATE	PERCENTAGE DIFFERENCE	ACCEPTABLE (10% or Less)
Principal	$328.00	$ 114.29	$342.87	-4.34%	YES
Senior Project Manager	$314.00	$ 100.42	$301.26	4.23%	YES
Project Manager	$252.00	$ 93.23	$279.69	-9.90%	YES
Senior Project Engineer	$217.00	$ 94.91	$284.73	-23.79%	YES
Project Engineer	$143.00	$ 70.13	$210.39	-32.03%	YES
CADD Designer	$135.00	$ 51.74	$155.22	-13.03%	YES
Contract Administrator	$126.00	$ 55.50	$166.50	-24.32%	YES

CLASSIFICATION	FINFROCK LOADED HOURLY RATES RATE (HOURLY)	FDOT LOADED HOURLY RATES	LOADED RATE	PERCENTAGE DIFFERENCE	ACCEPTABLE (10% or Less)
	GFT LOADED HOURLY RATES	**FDOT LOADED HOURLY RATES**			
CLASSIFICATION	**RATE (HOURLY)**		**LOADED RATE**	**PERCENTAGE**	**ACCEPTABLE (10% or Less)**
Project Manager	$305.00	$ 93.23	$279.69	**9.05%**	YES
Chief Engineer	$339.00	$ 102.78	$308.34	**9.94%**	YES
Structural Engineer 2	$294.00	$ 94.91	$284.73	**3.26%**	YES
Senior Engineer 2	$273.00	$ 94.91	$284.73	**-4.12%**	YES
Senior Engineer 1	$240.00	$ 86.10	$258.30	**-7.08%**	YES
Structural Engineer 2	$225.00	$ 70.13	$210.39	**6.94%**	YES
Roadway Engineer	$210.00	$ 70.13	$210.39	**-0.19%**	YES
Project Engineer	$165.00	$ 70.13	$210.39	**-21.57%**	YES
Engineering Intern	$120.00	$ 42.15	$126.45	**-5.10%**	YES
CADD Technician	$105.00	$ 38.57	$115.71	**-9.26%**	YES
Secretary/Clerical	$90.00	$ 36.69	$110.07	**-18.23%**	YES

	ESA LOADED HOURLY RATES	**FDOT LOADED HOURLY RATES**			
CLASSIFICATION	**RATE (HOURLY)**		**LOADED RATE**	**PERCENTAGE**	**ACCEPTABLE (10% or Less)**
Senior Principal Consultant	$258.00	$ 114.29	$342.87	**-24.75%**	YES
Principal Consultant	$218.00	$ 114.29	$342.87	**-36.42%**	YES
Managing Consultant	$197.00	$ 104.44	$313.32	**-37.12%**	YES
Senior Consultant	$163.00	$ 104.44	$313.32	**-47.98%**	YES
Associate Consultant	$147.00	$ 104.44	$313.32	**-53.08%**	YES
Consultant	$110.00	$ 104.44	$313.32	**-64.89%**	YES
Project Technician	$80.00	$ 30.61	$91.83	**-12.88%**	YES

	TIERRA LOADED HOURLY RATES	**FDOT LOADED HOURLY RATES**			
CLASSIFICATION	**RATE (HOURLY)**		**LOADED RATE**	**PERCENTAGE**	**ACCEPTABLE (10% or Less)**
Chief Engineer	$238.75	$ 102.78	$308.34	**-22.57%**	YES
Engineer 2	$164.80	$ 70.13	$210.39	**-21.67%**	YES
Engineering Intern	$125.59	$ 42.15	$126.45	**-0.68%**	YES
Engineering Technician	$74.75	$ 34.31	$102.93	**-27.38%**	YES
Secretary/Clerical	$103.69	$ 36.69	$110.07	**-5.80%**	YES
Senior Designer	$132.38	$ 55.11	$165.33	**-19.93%**	YES
Senior Engineer 1	$214.27	$ 86.10	$258.30	**-17.05%**	YES
Senior Engineering Technician	$114.00	$ 40.83	$122.49	**-6.93%**	YES
Chief Scientist	$182.99	$ 78.26	$234.78	**-22.06%**	YES
Senior Scientist	$158.01	$ 52.63	$157.89	**0.08%**	YES

	DPS LOADED HOURLY RATES	**FDOT LOADED HOURLY RATES**			
CLASSIFICATION	**RATE (HOURLY)**		**LOADED RATE**	**PERCENTAGE**	**ACCEPTABLE (10% or Less)**
Chief Scientist	$178.62	$ 69.39	$208.17	**-14.20%**	YES
MAT Project Manager	$178.62	$ 64.67	$194.01	**-7.93%**	YES
Senior Engineer Technician	$76.03	$ 40.83	$122.49	**-37.93%**	YES

	DARK MOSS LOADED HOURLY RATES	**FDOT LOADED HOURLY RATES**			
CLASSIFICATION	**RATE (HOURLY)**		**LOADED RATE**	**PERCENTAGE**	**ACCEPTABLE (10% or Less)**
Project Landscape Architect	$220.00	$ 78.93	$236.79	**-7.09%**	YES
Landscape Architect	$190.00	$ 78.93	$236.79	**-19.76%**	YES
Design Staff II	$127.00	$ 55.11	$165.33	**-23.18%**	YES
Certified Planner	$216.00	$ 73.29	$219.87	**-1.76%**	YES

	FINFROCK LOADED HOURLY RATES	FDOT LOADED HOURLY RATES			
CLASSIFICATION	RATE (HOURLY)		LOADED RATE	PERCENTAGE DIFFERENCE	ACCEPTABLE (10% or Less)
	AGE LOADED HOURLY RATES	FDOT LOADED HOURLY RATES			
CLASSIFICATION	RATE (HOURLY)		LOADED RATE	PERCENTAGE	ACCEPTABLE (10% or Less)
Principal Consultant	$150.00	$ 114.29	$342.87	-56.25%	YES
Security Systems Designer	$95.00	$ 51.74	$155.22	-38.80%	YES
Administrative Support	$65.00	$ 36.69	$110.07	-40.95%	YES

	ALLEN UNDERGROUND HOURLY RATES	FDOT LOADED HOURLY RATES			
CLASSIFICATION	RATE (HOURLY)		LOADED RATE	PERCENTAGE	ACCEPTABLE (10% or Less)
Executive Director Professional	$300.00	$ 114.29	$342.87	-12.50%	YES
Project Manager	$150.00	$ 70.48	$211.44	-29.06%	YES
Field Coordinator	$120.00	$ 37.64	$112.92	6.27%	YES
CAD Technician	$135.00	$ 38.57	$115.71	16.67%	YES
SUE Crew - 2 Man	$190.00		$0.00	#DIV/0!	N/A
SUE Crew - 3 Man	$250.00		$0.00	#DIV/0!	N/A
Expert Witness	$300.00	$ 114.29	$342.87	-12.50%	YES

	HYATT SURVEY HOURLY RATES	FDOT LOADED HOURLY RATES			
CLASSIFICATION	RATE (HOURLY)		LOADED RATE	PERCENTAGE	ACCEPTABLE (10% or Less)
Senior Professional Surveyor & Mapper	$175.00	$ 92.05	$276.15	-36.63%	YES
Professional Surveyor & Mapper	$145.00	$ 72.12	$216.36	-32.98%	YES
Survey Technician	$110.00	$ 35.25	$105.75	4.02%	YES
Administrator	$60.00	$ 36.69	$110.07	-45.49%	YES
One Man Survey Crew	$110.00		$0.00	#DIV/0!	N/A
Two Man Suvey Crew	$145.00		$0.00	#DIV/0!	N/A
Three Man Survey Crew	$180.00		$0.00	#DIV/0!	N/A

	AJAX HOURLY RATES	FDOT LOADED HOURLY RATES			
CLASSIFICATION	RATE (HOURLY)		LOADED RATE	PERCENTAGE	ACCEPTABLE (10% or Less)
Executive	$96.00	$ 98.74	$296.22	-67.59%	YES
Progressive Design Build Manager	$60.00	$ 98.74	$296.22	-79.74%	YES
Senior Construction Engineer	$65.00	$ 86.10	$258.30	-74.84%	YES
Senior Estimator	$65.00	$ 63.27	$189.81	-65.76%	YES
Project Control Manager	$40.00	$ 45.97	$137.91	-71.00%	YES
Office/Clerical Staff	$28.00	$ 36.69	$110.07	-74.56%	YES

EXHIBIT R - TRUTH-IN-NEGOTIATION CERTIFICATE

In compliance with the Consultants' Competitive Negotiation Act, Section 287.055, Florida Statutes, FINFROCK Construction, LLC hereby certifies that wage rates and other factual unit costs supporting the compensation for the design and construction management services of DESIGN BUILDER to be provided under this Agreement, concerning Pinellas County New Parking Garage at the Strawberry Lot (the Project) are accurate, complete and current as of the time of contracting.

DESIGN BUILDER:

By: _____

Print Name: Daniel Helmick

Title: Executive Vice President, Project Development

Date: 11/24/2025

EXHIBIT S - DESIGN BUILDER'S KEY PERSONNEL

_____: Design/Build Contractor

Project Executive _____

Senior Project Developer _____

Contracting Manager _____

Project Manager _____

_____: General Contractor

Project Executive _____

Project Superintendent _____

_____: Mechanical Contractor

Project Executive _____

Senior Estimator _____

_____: Architect

Project Executive _____

Project Manager _____

Architect & Designer _____

_____: Civil & Environmental Engineering

Project Executive & Manager _____

_____: Structural Engineering

Project Executive & Manager _____

_____: Mechanical, Plumbing & Fire Protection Engineering

Project Executive & Manager _____

_____: Electrical Engineering

Project Executive & Manager _____

_____: Other

_____ _____

EXHIBIT T - STORED MATERIALS RECORD

Stored Materials Record

Formula: A + B - C - D = E

				A	B	C	D	E
Date	**Description**	**Supplier**	**Invoice Number**	**Previously Received**	**Received This Period**	**Previously Installed**	**Installed This Period**	**Balance To Install**

EXHIBIT U - GENERAL CONDITIONS CATEGORIES

Anticipated Duration(s)	Description	Supplier

EXHIBIT V – REQUEST FOR QUALIFICATION SOLICITATION

See attached

PINELLAS COUNTY BOARD OF COUNTY COMMISSIONERS
400 S. FT. HARRISON AVENUE
ANNEX BUILDING – 6TH FLOOR
CLEARWATER, FL 33756

REQUEST FOR QUALIFICATION

CCNA PROFESSIONAL SERVICES - DESIGN BUILD

SUBMITTALS ARE OPENED PUBLICLY AND

ARE ACCEPTED VIA OPENGOV

THE MISSION OF PINELLAS COUNTY

Pinellas County Government is committed to progressive public policy, superior public service, courteous public contact, judicious exercise of authority and sound management of public resources to meet the needs and concerns of our citizens today and tomorrow.

ISSUE DATE: Friday, June 6, 2025

SOLICITATION NUMBER: **25-0708-RFQ-DB**

SOLICITATION TITLE: **New PIE Parking Garage - Professional Design-Build Services**

DEADLINE FOR WRITTEN QUESTIONS: Friday, June 27, 2025 by 3:00 PM Eastern Time

SUBMIT QUESTIONS: ALL QUESTIONS MUST BE SUBMITTED IN OPENGOV WITHIN THE Q&A - SECTION.

ALL SUBMITTALS ARE DUE BY: **Tuesday, July 8, 2025 by 3:00 PM Eastern Time**

NON-MANDATORY PRE-PROPOSAL SUBMITTAL INFORMATION: **See Section B No. 10 below**

NON-MANDAORY SITE VISIT INFORMATION: **See Section B No. 10 below**

SOLICITATION CONTACT INFORMATION:

NAME: **Pamela Ulrich, Lead Procurement Analyst**

EMAIL: **plulrich@pinellas.gov**

SUBMITTALS MAY NOT BE WITHDRAWN FOR 120 DAYS AFTER OPENING DATE.

The Purchasing and Risk Management Division for the Pinellas County Board of County Commissioners has transitioned to OpenGov Procurement for contractor/vendor registration, and for posting, submitting and receiving bids, quotes and proposals for active solicitations. Contractors/Vendors must register with OpenGov Procurement (https://procurement.opengov.com/signup) to bid on active County solicitations.

Should you need technical assistance with OpenGov, the following options are available for assistance:

- Phone: (855) 680-4747, 8 a.m. to 8 p.m., Monday - Friday
- Email: procurement-support@opengov.com
- Chat is available in the OpenGov application
- Web: https://help.procurement.opengov.com

Please Note:

From time to time, addenda may be issued to this solicitation. Any such addenda will be posted on the same Web site, www.pinellascounty.org/purchase/Current_Bids1.htm , from which you obtained this solicitation.

Before submitting, you should check our Web site to download any addenda that may have been issued. Please remember to sign and return Addenda Acknowledgement Form with completed bid package if applicable.

AUTHORIZED BY:

Merry Celeste, CPPB

Director of Purchasing

VENDORS MUST COMPLETE THE FOLLOWING

NO CHANGES REQUESTED BY A PROPOSER WILL BE CONSIDERED AFTER THE RFQ OPENING DATE AS ADVERTISED. BY SIGNING THIS PROPOSAL FORM YOU ARE AGREEING TO ALL PROPOSAL TERMS AND CONDITIONS INCLUDING ALL INSURANCE REQUIREMENTS.

VENDOR NAME: _____ (As shown on W-9)

DBA: _____ (If applicable)

MAILING ADDRESS: _____ (As shown on W-9)

CITY / STATE / ZIP: _____ (As shown on W-9)

VENDOR EMAIL: _____ (Primary Company Email Address)

REMIT TO NAME: _____ (As Shown on Vendor Invoice)

FEIN#: _____ (As shown on W-9)

PAYMENT TERMS: ____% ___DAYS, NET 45 (PER F.S. 218.73)

DEPOSIT, IF REQUIRED, IS ATTACHED IN THE AMOUNT OF $ _____

Proper Corporate Identity is needed when you submit your quote, especially how your firm is registered with the Florida Division of Corporations. Please visit dos.myflorida.com/sunbiz/ for this information. It is essential to return a copy of your W-9 with your quote. Thank you.

VENDOR CONTACT INFORMATION

CONTACT NAME: _____

PHONE NUMBER: _____

FAX NUMBER: _____

EMAIL ADDRESS: _____

I HEREBY AGREE TO ABIDE BY ALL TERMS AND CONDITIONS OF THIS SOLICITATION, INCLUDING ALL INSURANCE REQUIREMENTS, AND CERTIFY THAT I AM AUTHORIZED TO SIGN THIS SOLICITATION FOR THE VENDOR.

AUTHORIZED SIGNATURE: _____

PRINT NAME: _____

TITLE: _____

THIS FORM MUST BE RETURNED WITH YOUR RESPONSE

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SECTION A - GENERAL CONDITIONS

1. CONTRACTOR SUBMISSION

a. Submittals shall be uploaded utilizing OpenGov procurement website (https://secure.procurenow.com/portal/pinellasfl). Failure to comply could result in the submittal being rejected.

b. Submittals must be on the forms furnished. Submittals sent via email will not be considered.

2. WRITTEN REQUESTS FOR INTERPRETATIONS/CLARIFICATIONS

No oral interpretations will be made to any firms as to the meaning of specifications or any other contractor documents. All questions pertaining to the terms and conditions or scope of work of this solicitation must be sent in writing (electronically) to the Purchasing and Risk Management Division and received by the date specified in solicitation. Responses to questions may be handled as an addendum if the response would provide clarification to requirements of the solicitation. All such addenda shall become part of the agreement documents. The County will not be responsible for any other explanation or interpretation of the proposed solicitation made or given prior to the award of the agreement. The Purchasing and Risk Management Division will be unable to respond to questions received after the specified time frame.

3. RIGHTS OF PINELLAS COUNTY IN REQUEST FOR QUALIFICATION PROCESS

In addition to all other rights of the County under Florida law, the County specifically reserves the following:

a. Pinellas County reserves the right to rank firms and negotiate with the highest-ranking firm. Negotiation with an individual proposer does not require negotiation with others.

b. Pinellas County reserves the right to select the proposal that it believes will serve the best interest of Pinellas County.

c. Pinellas County reserves the right to reject any or all submittals. The respective constitutional officer, county administrator on behalf of the board of county commissioners or within their delegated financial approval authority, or director of purchasing, within their delegated financial approval authority shall have the authority when the public interest will be served thereby to reject all submittals or parts of submittals at any stage of the procurement process through the award of the agreement.

d. Pinellas County reserves the right to cancel the entire Request for Qualification.

e. Pinellas County reserves the right to remedy or waive minor informalities or irregularities, or immaterial errors in the Request for Qualification or in proposals submitted.

f. Pinellas County reserves the right to request any necessary clarifications or proposal data without changing the terms of the proposal.

4. COSTS INCURRED BY PROPOSERS

All expenses involved with the preparations and submissions to the County and any oral presentations, or any work performed in connection therewith, shall be borne solely by the contractor(s). No payment will be made for any responses received, or for any other effort required of, or made by, the contractor(s) prior to contract commencement unless otherwise specified in the Scope of Work in this solicitation.

5. PRESENTATION

A presentation may be requested of any contractor, at the Evaluation Committee's discretion. If a presentation is requested the written evaluation process shall be utilized to short list proposals. If required as part of the evaluation process, the presentation shall be scored as specified in the Scope of Work of the RFQ. The most qualified contractor as determined by evaluation process shall proceed with the contracting process.

6. CONFLICT OF INTEREST

a. The contractor represents that it presently has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance or services required hereunder. The contractor further represents that no person having any such interest shall be employed during the agreement term and any extensions. In addition, the contractor shall not offer gifts or gratuities to County employees as County employees are not permitted to accept gifts or gratuities. By signing this document, the contractor acknowledges that no gifts

or gratuities have been offered to County employees or anyone else involved in this competitive solicitation process.

b. The contractor shall promptly notify the County's representative, in writing, by certified mail, of all potential conflicts of interest for any prospective business association, interest, or other circumstance, which may influence or appear to influence the contractor's judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the contractor may undertake and request an opinion of the County as to whether the association, interest or circumstance would, in the opinion of the County, constitute a conflict of interest if entered into by the contractor. The County agrees to notify the contractor of its opinion, by certified mail, within thirty days of receipt of notification by the contractor.

c. It is essential to government procurement that the process be open, equitable and ethical. To this end, if potential unethical practices including but not limited to collusion, receipt or solicitation of gifts and conflicts of interest (direct/indirect) etc. are observed or perceived, please report such activity to:

Pinellas County Clerk of Circuit Court – Division of Inspector General

Phone – **(727) 45FRAUD** (453-7283)

Fax – 727-464-8386

7. WITHDRAWAL OF PROPOSAL

The submittal may be withdrawn prior to the bid opening date, however, a submittal may not be withdrawn for a period of time as specified in this solicitation document.

8. LATE PROPOSAL OR MODIFICATIONS

a. Submittals and modifications received after the time set for the submission will not be considered. This upholds the integrity of the process.

b. Modifications in writing received prior to the time set for the submittal will be accepted.

9. LOCAL, STATE, AND FEDERAL COMPLIANCE REQUIREMENTS

The laws of the State of Florida apply to any purchase made under this solicitation. contractors shall comply with all local, state, and federal directives, orders and laws as applicable to this solicitation and subsequent agreement(s) including but not limited to Americans with Disabilities Act (ADA), Section 504 of the Rehabilitation Act of 1973, Equal Employment Opportunity (EEO), Minority Business Enterprise (MBE), and OSHA as applicable to this agreement.

10. RIGHT TO AUDIT

Pinellas County reserves the privilege of auditing a contractor's records as such records relate to purchases between Pinellas County and said contractor. Such audit privilege is provided for within the text of the Pinellas County Code §2-187. Records should be maintained for five (5) years from the date of final payment.

11. SCRUTINIZED COMPANIES AND PUBLIC ENTITIES CRIME ACT

Contractor is directed to the Florida Public Entity Crime Act, Fla. Stat. 287.133, and Fla. Stat. 287.135 regarding Scrutinized Companies, and Contractor agrees that its bid and, if awarded, its performance of the agreement will comply with all applicable laws including those referenced herein. Contractor represents and certifies that Contractor is and will at all times remain eligible to bid for and perform the services subject to the requirements of these, and other applicable, laws. Contractor agrees that any contract awarded to Contractor will be subject to termination by the County if Contractor fails to comply or to maintain such compliance.

12. COUNTY INDEMNIFICATION

If the CONSULTANT is an individual or entity licensed by the State of Florida who holds a current certificate of registration or is qualified under Chapter 481, Florida Statutes, to practice architecture or landscape architecture, under Chapter 472, Florida Statutes, to practice land surveying and mapping, or under Chapter 471, Florida Statutes, to practice engineering, and who enters into a written agreement with the COUNTY relating to the planning, design, construction, administration, study, evaluation, consulting, or other professional and technical support services furnished in connection with any actual or proposed construction, improvement, alteration, repair, maintenance,

operation, management, relocation, demolition, excavation, or other facility, land, air, water, or utility development or improvement, the CONSULTANT will indemnify and hold harmless the COUNTY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorneys' fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct, or for any violation of requirements of the Americans with Disabilities Act of 1990, as may be amended, and all rules and regulations issued pursuant thereto (collectively the "ADA") of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of the Agreement.

13. TERMINATION

a. Pinellas County reserves the right to terminate this agreement, without cause by giving thirty (30) days prior written notice to the Contractor of the intention to terminate or with cause if at any time the Contractor fails to fulfill or abide by any of the terms or conditions specified.

b. Failure of the Contractor to comply with any of the provisions of this Agreement shall be considered a material breach of Agreement and shall be cause for immediate termination of the Agreement at the sole discretion of Pinellas County.

c. In addition to all other legal remedies available to the Pinellas County, the Pinellas County reserves the right to terminate and obtain from another source any services which have not been provided within the period of time stated in the proposal, or if no such time is stated, within a reasonable period of time from the date of request, as determined by the Pinellas County.

d. In the event that sufficient budgeted funds are not available for a new fiscal period, the Pinellas County shall notify the Contractor of such occurrence and the Agreement shall terminate on the last day of the then current fiscal year period without penalty or expense to the Pinellas County.

14. ASSIGNMENT/SUBCONTRACTING/CORPORATE ACQUISITIONS AND/OR MERGERS

The contractor shall perform this agreement. If a contractor intends to subcontract a portion of this work, the contractor must disclose that intent in the solicitation. No assignment or subcontracting shall be allowed without prior written consent of the County. In the event of a corporate acquisition and/or merger, the contractor shall provide written notice to the County within thirty (30) business days of contractor's notice of such action or upon the occurrence of said action, whichever occurs first. The right to terminate this agreement, which shall not be unreasonably exercised by the County, shall include, but not be limited to, instances in which a corporate acquisition and/or merger represent a conflict of interest or are contrary to any local, state, or federal laws. Action by the County awarding an agreement to a contractor, which has disclosed its intent to assign or subcontract in its response to the solicitation, without exception shall constitute approval for purposes of this agreement. The contractor must inform the County in writing within forty-five (45) business days if the contractor's business entity's name changes. The contractor will bear all responsibility and waive any rights it may have to relief for any delay in processing a payment associated with the County's inability to issue payment to the contractor for a business entity name change that the County was not made aware of as reflected herein.

15. LOBBYING

"Lobbying shall be prohibited on all county competitive selection processes and purchasing contract awards pursuant to this division, including, but not limited to, requests for proposals, requests for quotations, requests for qualification, bids or the award of purchasing contracts of any type. The purpose of this prohibition is to protect the integrity of the procurement process by shielding it from undue influences prior to the contract award, or the competitive selection process is otherwise concluded. However, nothing herein shall prohibit a prospective bidder/proposer/protestor from contacting the purchasing department or the county attorney's office to address situations such as clarification and/or pose questions related to the procurement process.

Lobbying of evaluation committee members, county government employees, elected/appointed officials, or advisory board members regarding requests for proposals, requests for quotations, requests for qualification, bids, or purchasing contracts, by the bidder/proposer, any member of the bidder's/proposer's staff, any agent or representative of the bidder/proposer, or any person employed by any legal entity affiliated with or representing a bidder/proposer/protestor, is strictly prohibited from the date of the advertisement, or on a date otherwise established by the board, until either an award is final, or the competitive selection process is otherwise concluded. Any lobbying

activities in violation of this section by or on behalf of a bidder/proposer shall result in the disqualification or rejection of the proposal, quotation, statement of qualification, bid or contract.

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

Any evaluation committee member, county government employee, elected/appointed official, or advisory board member who has been lobbied shall immediately report the lobbying activity to the director."

(Ord. No. 02-35, 5-7-02; Ord. No. 04-64, § 12, 9-21-04; Ord. No. 04-87, § 1, 12-7-04; Ord. No. 10-09, § 6, 2-16-10; Ord. No. 11-23, § 2, 7-26-11; Ord. No. 14-11, § 5, 2-11-14; Ord. No. 18-34, 10-23-18).

16. PROTEST PROCEDURE

As per Section 2-162 of County Code

a. Right to Protest. "A vendor who is aggrieved by the contents of the bid or proposal package, or a vendor who is aggrieved in connection with the recommended award on a bid or proposal solicitation, may file a written protest to the director, as provided herein. This right to protest is strictly limited to those procurements of goods and/or services solicited through invitations to bid or requests for proposals, including solicitations pursuant to F.S. § 287.055, the "Consultants' Competitive Negotiation Act." No other actions or recommendations in connection with a solicitation can be protested, including: (i) requests for quotations, negotiations, qualification or letters of interest; (ii) rejection of some, all or parts of bids or proposals; (iii) disqualification of bidders or proposers as non-responsive or non-responsible; or (iv) recommended awards less than the mandatory bid or proposal amount. Protests failing to comply with the provisions of this section shall not be reviewed."

b. "Posting. The purchasing department shall post the recommended award on or through the departmental website."

c. Requirements to protest.

    1. "If the protest relates to the content of the bid or proposal package, a formal written protest must be filed no later than 5:00 p.m. EST on the fifth full business day after issuance of the bid or proposal package."

    2. "If the protest relates to the recommended award of a bid or proposal, a formal written protest must be filed no later than 5:00 p.m. EST on the fifth full business day after posting of the award recommendation."

    3. "The formal written protest shall identify the protesting party and the solicitation involved; include a statement of the grounds on which the protest is based; refer to the statutes, laws, ordinances or other legal authorities which the protesting party deems applicable to such grounds; and specifically request the relief to which the protesting party deems itself entitled by application of such authorities to such grounds."

    4. "A formal written protest is considered filed with the county when the purchasing department receives it. Accordingly, a protest is not timely filed unless it is received within the time specified above by the purchasing department. Failure to file a formal written protest within the time period specified shall constitute a waiver of the right to protest and result in relinquishment of all rights to protest by the bidder or proposer."

d. "Sole remedy. These procedures shall be the sole remedy for challenging the content of the bid or proposal package or the recommended award."

e. "Lobbying. Protestors and anyone acting on their behalf, are prohibited from attempts to influence, persuade, or promote a bid or proposal protest through any other channels or means, and contacting any county official, employee, advisory board member, or representative to discuss any matter relating in any way to the solicitation being protested, other than the purchasing department's or county attorney's office to address situations such as clarification and/or pose questions related to the procurement process. The prohibitions provided for herein shall begin with the filing of the protest and end upon the final disposition of the protest; provided, however, at all times protestors shall be subject to the procurement lobbying prohibitions in section 2-189 of this Code. Failure to adhere to the prohibitions herein shall result in the rejection of the protest without further consideration."

f. "Time limits. The time limits in which protests must be filed as specified herein may be altered by specific provisions in the bid or proposal."

g. "Authority to resolve. The director shall resolve the protest in accordance with the documentation and applicable legal authorities and shall issue a written decision to the protestor no later than 5:00 p.m. EST on the tenth full business day after the filing thereof."

h. "Review of director's decision."

1. "The protesting party may request a review of the director's decision to the county administrator by delivering written request for review of the decision to the director by 5:00 p.m. EST on the fifth full business day after the date of the written decision. The written notice shall include any materials, statements, and arguments which the bidder or proposer deems relevant to the issues raised in the request to review the decision of the director."

2. "The county administrator shall issue a decision in writing stating the reason for the action with a copy furnished to the protesting party no later than 5:00 p.m. EST on the seventh full business day after receipt of the request for review. The decision shall be final and conclusive as to the county unless a party commences action in a court of competent jurisdiction."

i. "Stay of procurement during protests. There shall be no stay of procurement during pro tests."

(Ord. No. 94-51, § 5, 6-7-94; Ord. No. 04-87, § 1, 12-7-04; Ord. No. 14-11, § 2, 2-11-14; Ord. No. 18-34, 10-23-18)

17. INTEGRITY OF REQUEST FOR QUALIFICATION (RFQ) DOCUMENTS

Contractors shall use the original solicitation form(s) provided by the Purchasing & Risk Management Division and enter information only in the spaces where a response is requested. contractors may use an attachment as an addendum to the solicitation form(s) if sufficient space is not available on the original form for the contractor to enter a complete response. Any modifications or alterations to the original solicitation documents by the contractor, whether intentional or otherwise, will constitute grounds for rejection of a solicitation. Any such modifications or alterations a contractor wishes to propose must be clearly stated in the contractor's submittal response and presented in the form of an addendum to the original solicitation documents.

18. AGREEMENT

In addition to being subject to all terms and conditions in this solicitation, all responses are subject to the terms and conditions in the agreement attached to the solicitation. Additional or modified terms and conditions in the agreement may be necessary depending on the responses to the solicitation, including any exceptions stated by the contractor as required by Section A, PREPARATION OF SUBMITTAL of this solicitation. However, the County may reject any exception proposed by the contractor and shall not be bound by any additional or modified terms and conditions that are in conflict with the terms and conditions in the agreement, or are not acceptable to, or have been declared to be non-negotiable by the County, as determined in its sole discretion.

19. OWNERSHIP OF DOCUMENTS

a. Drawings, specifications, designs, models, photographs, reports, surveys, calculations, and other data provided in connection with this solicitation are and shall remain the property of the County whether the project for which they are made is executed or not. Such finished or unfinished documents, data, calculations, studies, surveys, specifications, drawings, maps, models, photographs and reports prepared by the contractor shall be delivered by the contractor to the County at the conclusion of the project or the termination of the contractor's services.

b. When such documents are provided to other parties, the contractor shall ensure return of the County's property.

20. INDEPENDENT CONTRACTOR STATUS AND COMPLIANCE WITH THE IMMIGRATION REFORM AND CONTROL ACT OF 1986

Contractor acknowledges that it is functioning as an independent contractor in performing under the terms of this agreement, and it is not acting as an employee of Pinellas County. The contractor acknowledges that it is responsible for complying with the provisions of the Immigration Reform and Control Act of 1986, located at 8 U.S.C. Section 1324, et seq., and regulations relating thereto. Failure to comply with the above provisions of the agreement shall be considered a material breach and shall be ground for immediate termination of the agreement.

SECTION A - GENERAL CONDITIONS

21. PROHIBITION AGAINST CONTINGENT FEE

The contractor warrants that he has not employed or retained any company or person, other than a bona fide employee working solely for the contractor to solicit or secure this agreement and that he has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the contractor, any fee, commission, percentage, gift or any other consideration, contingent upon or resulting from the award or making of this agreement.

22. TRUTH IN NEGOTIATIONS:

The contractor certifies to truth-in-negotiation and that wage rates and other factual unit costs supporting the compensation are accurate, complete, and current at the time of contracting. Further, the original agreement amount and any additions thereto shall be adjusted to exclude any significant sums where the County determines the agreement price was increased due to inaccurate, incomplete or non-current wage rates and other factual unit costs. Such adjustments must be made within one (1) year following the end of the agreement.

23. JOINT VENTURES

All contractors intending to submit as a joint venture are required to have filed proper documents with the Florida Department of State, the Division of Professions, Construction Industry Licensing Board and any other state or local licensing Agency prior to submitting (see Section 489.119 Florida Statutes).
Joint ventures must provide an affidavit attesting to the formulation of a joint venture and provide either proof of incorporation as a joint venture or a copy of the formal joint venture agreement between all joint venture parties, indicating their respective roles, responsibilities and levels of participation for the project.

24. PAYMENT/INVOICES

Contractor shall submit invoices for payment as provided herein with such documentation as required by Pinellas County and all payments shall be made in accordance with the requirements of Section 218.70 et. Seq, Florida Statutes, “The Local Government Prompt Payment Act.” Invoices shall be submitted to the address below unless instructed otherwise on the purchase order, or if no purchase order, by the ordering department:

Finance Division Accounts Payable

Pinellas County Board of County Commissioners

P.O. Box 2438

Clearwater, FL 33757

Email: ClerkConstructionAP@MyPinellasClerk.org

Each invoice shall include, at a minimum, the contractor's name, contact information and the standard purchase order number. In order to expedite payment, it is recommended the contractors also include the information shown in below. The County may dispute any payments invoiced by contractor in accordance with the County’s Dispute Resolution Process for Invoiced Payments, established in accordance with Section 218.76, Florida Statutes, and any such disputes shall be resolved in accordance with the County’s Dispute Resolution Process.

Remit To: Billing address to which you are requesting payment be sent

Invoice Date: Creation date of the invoice

Contractor Information: Company name, mailing address, phone number, contact name and email address as provided on the purchase order

Invoice Number: Company tracking number

Shipping Address: Address where goods and/or services were delivered

Ordering Department: Name of ordering department, including name and phone number of contact person

Purchase order Number: Standard purchase order number

Ship Date: Date the goods/services were sent/provided

Quantity: Quantity of goods or services billed

Description: Description of services or goods delivered

Unit Price: Unit price for the quantity of goods/services delivered

Line Total Amount due by line item

Invoice Total: Sum of all line totals for the invoice

Pinellas County offers a credit card payment process (ePayables) through Bank of America. Pinellas County does not charge contractor to participate in the program; however, there may be a charge by the company that processes your credit card transactions. For more information please visit Pinellas County purchasing website at: www.pinellascounty.org/purchase.

25. TAXES

a. The County is exempt from all state and federal sales, use, transportation and excise taxes. The Laws of the State of Florida provide that sales and use taxes are payable by the contractor upon the tangible personal property incorporated in the work and such taxes shall be paid by the contractor and be deemed to have been included in the solicitation.

b. Payments to Pinellas County are subject to applicable Florida taxes.

26. DISPUTE RESOLUTION FOR PINELLAS COUNTY BOARD OF COUNTY COMMISSIONERS IN MATTERS OF INVOICE PAYMENTS

Payment of invoices for work performed for Pinellas County Board of County Commissioners is made, by standard, in arrears in accordance with Section 218.70, et. seq., Florida Statutes, the Local Government Prompt Payment Act. If a dispute should arise as a result of non-payment of a payment request or invoice the following Dispute Resolution process shall apply:

a. Pinellas County shall notify a contractor in writing within ten (10) days after receipt of an improper invoice, that the invoice is improper. The notice should indicate what steps the contractor should undertake to correct the invoice and resubmit a proper invoice to the County. The steps taken by the contractor shall be that of initially contacting the requesting department to validate their invoice and receive a sign off from that entity that would indicate that the invoice in question is in keeping with the terms and conditions of the agreement. Once sign off is obtained, the contractor should then resubmit the invoice as a corrected invoice to the requesting department which will initiate the payment timeline.

    1. Requesting department for this purpose is define as the County department for whom the work is performed.

    2. Proper invoice for this purpose is defined as an invoice submitted for work performed that meets prior agreed upon terms or conditions to the satisfaction of Pinellas County.

b. Should a dispute result between the contractor and the County about payment of a payment request or an invoice then the contractor should submit their dissatisfaction in writing to the requesting department. Each Requesting Department shall assign a representative who shall act as a dispute manager to resolve the issue at departmental level.

c. The dispute manager shall first initiate procedures to investigate the dispute and document the steps taken to resolve the issue in accordance with section 218.76 Florida Statutes. Such procedures shall be commenced no later than forty-five (45) days after the date on which the payment request or invoice was received by Pinellas County, and shall not extend beyond sixty (60) days' after the date on which the payment request or invoice was received by Pinellas County.

d. The dispute manager should investigate and ascertain that the work, for which the payment request or invoice has been submitted, was performed to Pinellas County's satisfaction and duly accepted by the proper authority. Proper authority for this purpose is defined as the Pinellas County representative who is designated as the approving authority for the work performed in the contractual document. The dispute manager shall perform the required investigation and arrive at a solution before or at the sixty (60) days' timeframe for resolution of the

dispute, per section 218.76, Florida Statutes. The County Administrator or his or her designee shall be the final arbiter in resolving the issue before it becomes a legal matter. The County Administrator or his or her designee will issue their decision in writing.

e. Pinellas County dispute resolution procedures shall not be subject to Chapter 120 of the Florida Statutes. The procedures shall also, per section 218.76, Florida Statutes, not be intended as an administrative proceeding which would prohibit a court from ruling again on any action resulting from the dispute.

f. Should the dispute be resolved in the County's favor interest charges begin to accrue fifteen (15) days after the final decision made by the County. Should the dispute be resolved in the contractor's favor the County shall pay interest as of the original date the payment was due.

g. Pursuant to sections 218.70 et. seq., Florida Statues, an award will be made to cover court costs and reasonable attorney fees, including fees incurred as a result of an appeal to the prevailing party. This provision is applicable if the non-prevailing party held back payment that was the reason for the dispute without any reasonable lawful basis or fact to dispute the prevailing party's claim to those amounts.

27. INSURANCE

Notice: The contractor must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed in the insurance section below. Failure to provide the required insurance within a ten (10) day period following the determination or recommendation of lowest responsive, responsible submitter may result in the County to vacate the original determination or recommendation and proceed with recommendation to the second lowest, responsive, responsible submitter.

28. PUBLIC RECORDS/TRADE SECRETS

Pinellas County Government is subject to the Florida Public Records law (Chapter 119, Florida Statutes), and all documents, materials, and data submitted to any solicitation as part of the response are governed by the disclosure, exemption and confidentiality provisions relating to public records in Florida Statutes. Except for materials that are "trade secrets" or "confidential" as defined by applicable Florida law, ownership of all documents, materials, and data submitted in response to the solicitation shall belong exclusively to the County.

To the extent that contractor desires to maintain the confidentiality of materials that constitute trade secrets pursuant to Florida law, trade secret material submitted must be identified by some distinct method that the materials that constitute a trade secret, and contractor shall provide an additional copy of the contractors submittal that redacts all designated trade secrets. By submitting materials that are designated as trade secrets and signature of the contractor signature page, contractor acknowledges and agrees:

i. That after notice from the County that a public records request has been made for the materials designated as a trade secret, the contractor shall be solely responsible for defending its determination that submitted material is a trade secret that is not subject to disclosure at its sole cost, which action shall be taken immediately, but no later than ten (10) calendar days from the date of notification or contractor will be deemed to have waived the trade secret designation of the materials;

ii. That to the extent that the contractor with trade secret materials is evaluated, the County and it officials, employees, agents, and representatives in any way involved in processing, evaluating, negotiating agreement terms, approving any agreement based on the contractor, or engaging in any other activity relating to the competitive selection process are hereby granted full rights to access, view, consider, and discuss the materials designated as trade secrets through the final agreement award;

iii. To indemnify and hold the County, and its officials, employees, agents and representatives harmless from any actions, damages (including attorney's fees and costs), or claims arising from or related to the designation of trade secrets by the contractor, including actions or claims arising from the County's non-disclosure of the trade secret materials.

iv. That information and data it manages as part of the services may be public record in accordance with Chapter 119, Florida Statutes and Pinellas County public record policies. contractor agrees prior to providing goods/services it will implement policies and procedures to maintain, produce, secure and retain public records in accordance with applicable laws, regulations, and County policies, which are subject to approval by the County, including but limited to the Section 119.0701, Florida Statutes.

Notwithstanding any other provision in the solicitation, the classification as trade secret of the entire submission document, line item and/or total contractor prices, the work, services, project, goods, and/or products to be provided by contractor, or any information, data, or materials that may be part of or incorporated into an agreement between the County and the contractor is not acceptable to the County and will result in a determination that the contractor submittal is nonresponsive; the classification as trade secret of any other portion of a submittal document may result in a determination that the submittal is nonresponsive.

29. PUBLIC RECORDS – CONTRACTOR'S DUTY

If the contractor has questions regarding the application of Chapter 119, Florida Statutes, to the contractor's duty to provide public records relating to this agreement, the contractor shall contact:

Pinellas County Board of County Commissioners

Purchasing and Risk Management Division

400 S. Ft. Harrison Ave, 6th Floor,

Clearwater, FL 33756

Phone: 727-464-3237

Email: mcchartier@pinellas.gov

30. SMALL BUSINESS ENTERPRISE (SBE) PROGRAM

It is the policy of the Board of County Commissioners that SBE certified firms have the maximum opportunity to participate on County projects either as a prime or sub-consultant. To be certified as a Pinellas County SBE, firms must apply through Pinellas County Economic Development. To qualify for the SBE program, your firm must serve a commercially useful function; must be located in one of four (4) counties (Pinellas / Hillsborough / Pasco / Manatee) and have annual sales of goods and services not exceeding the maximum three (3) year average of three (3) million dollars for goods/services or gross revenues not exceeding eight (8) million dollars for construction and not exceed a maximum of three (3) year average of fifty (50) employees.

To apply for the SBE Program, please visit the Pinellas County Economic Development website at pinellascounty.sbecompliance.com

31. E-VERIFY

The contractor and their subcontractor(s) must register with and use the E-verify system in accordance with Florida Statute 448.095. A contractor and subcontractor may not enter into a contract with the County unless each party registers with and uses the E-verify system.

If a contractor enters a contract with a subcontractor, the subcontractor must provide the contractor with an affidavit stating that the Subcontractor does not employ, contract with, or subcontract with unauthorized aliens. The contractor must maintain a copy of the affidavit for the duration of the contract.

If the County, Contractor, or Subcontractor has a good faith belief that a person or entity with which it is contracting has knowingly violated Florida Statute 448.09(1) they shall immediately terminate the contract with the person or entity.

If the County has a good faith belief that a Subcontractor knowingly violated this provision, but the Contractor otherwise complied with this provision, the County will notify the Contractor and order that the Contractor immediately terminate the contract with the Subcontractor.

SECTION A - GENERAL CONDITIONS

A contract terminated under the provisions of this section is not a breach of contract and may not be considered such. Any contract termination under the provisions of this section may be challenged to Section 448.095(2)(d), Florida Statute. Contractor acknowledges upon termination of this agreement by the County for violation of this section by Contractor, Contractor may not be awarded a public contract for at least one (1) year. Contractor acknowledges that Contractor is liable for any additional costs incurred by the County as a result of termination of any contract for a violation of this section.

Contractor or Subcontractor shall insert in any subcontracts the clauses set forth in this section, requiring the subcontracts to include these clauses in any lower tier subcontracts. Contractor shall be responsible for compliance by any Subcontractor or Lower Tier Subcontractor with the clause set for in this section.

SECTION B – SPECIAL CONDITIONS

1. INTENT

The purpose of this competitive process is to ensure Pinellas County compliance with Section 287.055 Florida Statutes known as the "Consultants' Competitive Negotiation Act" (CCNA). The CCNA establishes contracting procedures by which counties must select architects, professional engineers, landscape architects, and surveyors and mappers ("Professional Firms") for architectural, engineering, landscaping and mapping services ("Professional Services"). The CCNA process allows for professional firms to be chosen on quality of personnel, minority business enterprise consideration, past performance, willingness to meet time and budget requirements, location, workload, and volume of work previously awarded to each Professional Firm by the County.

2. PERIOD OF CONTRACT

Services performed pursuant to this contract shall remain in effect for the time specified in the Notice to Proceed for Phase 1 and Phase 2 services. This Agreement shall become effective on the date of execution of the Agreement.

3. EVALUATION CRITERIA FOR WRITTEN PROPOSALS

Following is the criteria that will be used by the County to evaluate and score responsive written proposals. Proposers shall include sufficient information to allow the County to thoroughly evaluate and score their proposals. Each proposal submitted shall be evaluated and ranked by an evaluation committee. If an oral presentation is requested, a minimum of 3 highest ranked firms (if at least three firms submitted and are deemed qualified to proceed) shall be shortlisted and invited to an oral presentation. The average written scores from the short-listed firms are carried forward. Final ranking recommendation is based on the combined average scores obtained for a total potential 2,000 points.

A. **Ability of Firm and its Professional Personnel, Willingness and Ability to Meet Schedule and Budget Based on Current and Projected Workload. Evaluation of the firm's overall approach.** **425 Points**

1. Reviews the level of qualification and experience of the firm and project team and appropriateness of the organization of the project team.
2. Reviews the professional resources available to properly provide services as requested in the RFQ document.
3. Reviews the project team to ensure the team proposed contains all of the critical disciplines required.
4. Prime team proposed should have exceptional professional resources to properly provide services.
5. The project manager and proposed team should be uniquely qualified to provide the desired services.
6. Evaluates the workload commitments that will impact the firm's ability to complete services on schedule.
7. The submittal should demonstrate that the firm has adequate time available and personnel to compete services on schedule and additional backup staffing capability in the event of unforeseen circumstances.
8. Evaluation of the firm's overall approach including experience in scheduling projects, systems that will be used to keep track of the project schedule, cost control, quality assurance and quality control, issues and methods employed to avoid cost overruns and project delays.
9. Evaluation of the overall approach to the project proposed by the firm and the appropriateness of the methods proposed to plan, design and administer the project in relation to the scope of work and County requirements.

B. **Firm Experience with Projects of Similar Size and Past Performance** **375 Points**

1. Reviews the firms experience with projects of similar size, type and scope and the performance on those specific projects.
2. The prime firm must have adequate, recent (within the past five years) experience with projects of similar type as defined in the RFQ document.
3. Experience pertaining to specific Pinellas County projects may also be considered. Pinellas County staff shall not however furnish references for such projects.
4. The scope of services provided should represent projects that are similar to those defined in the RFQ document.

SECTION B – SPECIAL CONDITIONS

5. The overall performance of the firm relative to projects of similar size and scope should be evaluated.

C. **Volume of Work Previously Awarded by the County** **50 Points**

Pre-populated by the Purchasing Department, the purpose of this criterion is to effect an equitable distribution of contracts. This criterion is evaluated based on all CCNA Non-Continuing contracts awarded to a firm during the two (2) previous completed fiscal years through to current date. The date utilized for establishing award shall be the date the Board of County Commissioners or County Administrator initially awards the contract. The points are worth 5 percent of the overall points available and are distributed as follows:

$0 - $200,000 – 5% of points available

$200,001 - $400,000 – 4% of points available

$400,001 – $600,000 – 3% of points available

$600,001- $800,000 – 2% of points available

$800,001 - $1,000,000 – 1% of points available

Over $1,000,000 – 0% of points available

Based on a typical 1,000-point evaluation scoring process, a firm deemed to be in the $0-$200,000 category threshold would be allotted 50 points etc.

D. **Minority Business Status** **25 Points**

Provides points pre-populated by the Purchasing Department for minority business status as designated by the State of Florida. If the firm, or its sub-consultant, is designated as a minority business by the Florida State Office of Supplier Diversity, Department of Management Services, 2.5% of the total evaluation points are awarded. If the firm does not have minority business status as per the Florida State Office of Supplier Diversity, Department of Management Services, 0% of the points available are awarded.

E. **Pinellas County Small Business Enterprise (SBE) Status** **100 Points**

Provides points pre-populated by the Purchasing Department for SBE status as designated by Pinellas County. To qualify, a firm or its sub consultants must be located in one of 4 counties (Pinellas / Hillsborough / Pasco / Manatee) and have annual sales of goods/services not exceeding the maximum 3 year average of 3 million dollars or gross revenues not exceeding 8 million dollars for construction and not exceed a maximum 3 year average of 50 employees.

Prime firm or sub-consultant must directly associate Small Business Enterprise (SBE) and be an integral part as defined by CCNA Florida Statute Section 287.055 and cannot consist of vendors or suppliers from office supply, printing services, etc.

If the prime firm is certified as a Pinellas County SBE, 100 points will be awarded. If the prime firm is not a certified Pinellas County SBE and utilizes 1 certified Pinellas County SBE as sub-consultant, 50 points will be awarded. If the prime firm utilizes more than 1 certified Pinellas County SBE as sub-consultant, 75 points will be awarded. Failure to utilize certified sub-consultants, as presented in your submittal and evaluated accordingly may affect future awards to your company. A prime firm or sub-consultant must be certified through Pinellas County Economic Development as an SBE prior to submission of your proposal document. If the prime firm nor any of its sub-consultants are not certified as a Pinellas County SBE, 0% of the points available will be awarded.

Proposer must provide complete SBE Status Form (Attachment A).

F. **Location** **25 Points**

Provides points pre-populated by the Purchasing Department. Evaluates the location of the project team relative to Pinellas County including the prime firm and project manager. If firm has an established office located in Pinellas, Manatee, Hillsborough or Pasco counties, 25 points are awarded. If not, no points will be awarded.

Total 1,000 Points

4. EVALUATION CRITERIA FOR PRESENTATIONS

A presentation may be requested at the evaluation committee's discretion. The average scores from the written evaluation phase will be carried forward (for the shortlisted firms deemed qualified to proceed) and combined with average scores from the presentation process for one total average score potential of 2,000 points.

SECTION B – SPECIAL CONDITIONS

a. **Understanding of Project /Firm Qualifications** **500 Points**

1. Evaluation of the firm's understanding of the overall project including the scope of work which may include but is not limited to; studies performed that affect the project, key design elements and effect on the community involved.
2. Evaluation of the firm's qualifications and qualifications of the individuals proposed for the project including the project manager and staff of the firm to be assigned. Qualifications shall include but not be limited to experience with similar projects, management experience, firm experience etc.

b. **Ability to Provide Required Services Within the Schedule and Budget** **300 Points**

Evaluation of the firm's overall approach including experience in scheduling projects, systems that will be used to keep track of the project schedule, cost control, quality assurance and quality control, issues and methods employed to avoid cost overruns and project delays.

c. **Managerial Methods used to Plan, Design and Administer the Project** **200 Points**

Evaluation of the overall approach to the project proposed by the firm and the appropriateness of the methods proposed to plan, design and administer the project in relation to the scope of work and County requirements.

Total: 1,000 Points

5. LICENSES, PERMITS, FEES AND TAXES

A. Pursuant to section 218.80, Florida Statutes, Pinellas County discloses to the Contractor the following permits and fees generally which will have to be obtained by and will be payable by the Contractor who is the successful bidder or proposer. Specific permits required will be shown in Exhibit K of Agreement – Permits. Contractor will be reimbursed for the actual amount paid for the permits as evidenced by official receipts from the office(s) collecting the fees. No reimbursement will be provided for license fees. Permits/fees may include the following:

1. Impact Fees.
2. Inspection Fees.
3. Other Permits or Fees Required by Pinellas County for the Completion of the Work, if applicable.
4. License Fees: The Pinellas County Construction Licensing Board (PCCLB), an independent government agency, may require licensure or registration of a State of Florida Construction License. These are not Pinellas County Government fees, but the Contractor is hereby put on notice that fees may be required by the PCCLB. License fees are not reimbursable.

   The foregoing list of fees apply only to those fees imposed by Pinellas County or imposed by another governmental agency which has assigned or delegated the responsibility for issuance of permits, licenses and conduction of inspections and attendant collection of fees to Pinellas County. The Contractor is responsible for determining if other fees and permits are required by any other Federal, State, or local governmental entity, agency, or board.

B. All sales, consumer, use, and other similar taxes associated with the Work or portions thereof, which are applicable during the performance of the work, shall be paid by the Contractor.

C. Compliance with Permit and Licenses Requirements: The Contractor shall comply with all applicable Local, State and Federal permit conditions and license requirements, applicable building and construction code requirements and such other rules and regulations as may apply to the prosecution of work. Failure of the Contractor to comply with the above-specified requirements shall result in Contractor being prohibited from performing work pursuant to this Agreement. Any additional costs incurred by the Contractor as a result of non-compliance shall be the responsibility of the Contractor and shall not be paid by the County. Additionally, Contractor shall be required to pay any fines due as a result of non-compliance with the applicable requirements.

6. CONTRACT SECURITY

For work related to Construction Phase 2:

A. The Bidder shall provide a Performance Bond and a Payment Bond in the form prescribed in Exhibit A of Agreement and each in the amount of 100% of the Agreement amount, the costs of which are to be paid by the Bidder. The Bonds will be acceptable to the County only if the following conditions are met:

SECTION B – SPECIAL CONDITIONS

1. For contracts that do not exceed $500,000.00, the Surety Company:
    a) is licensed to do business in the State of Florida;
    b) holds a certificate of authority authorizing it to write surety bonds in this state and provides proof of same;
    c) has twice the minimum surplus and capital required by the Florida Insurance Code at the time the invitation to bid is issued;
    d) is otherwise in compliance with the provisions of the Florida Insurance Code; and
    e) holds a currently valid certificate of authority issued by the United States Department of Treasury under 31 U.S.C. ss 9304-9308.
2. For contracts over $500,000.00, all of the requirements of paragraph A.1 above apply. In addition, the Surety Company must have a current rating of at least Excellent (A or A-) all as reported in the most current Best Key Rating Guide, published by A.M. Best Company, Inc., of 75 Fulton Street, New York, New York 10038, with an underwriting limitation of at least two times the dollar amount of the Agreement.
3. All bonds must be signed by an insurance agent who is licensed to do business in the state of Florida. The license may be held by a resident agent or a non-resident agent.

B. If the Surety for any Bond furnished by the Bidder is declared bankrupt, becomes insolvent, its right to do business is terminated in the State of Florida, or it ceases to meet the requirements imposed by the Contract Documents, the Bidder shall, within five (5) calendar days thereafter, substitute another Bond and Surety, both of which shall be subject to the County's approval.

C. By execution of these bonds, the Surety acknowledges that it has read the Surety qualifications and Surety obligations imposed by the Contract Documents and hereby satisfies those conditions.

7. INFORMATION PACKAGE

Request for Letters of Interest for Professional Services As Governed by Florida Statute 287.055

1. "Professional services" is defined as those services within the scope of the practice of architecture, professional engineering, landscape architecture, or registered surveying and mapping, as defined by the laws of the state, or those performed by any architect, professional engineer, landscape architect, or registered surveyor and mapper in connection with his or her professional employment or practice.
2. An award may not be issued without proof that your firm is registered with the Florida Division of Corporations, as per Florida Statute §607.1501 www.flsenate.gov/Laws/Statutes/2011/607.1501.
3. A foreign corporation (foreign to the State of Florida) may not transact business in this state until it obtains a certificate of authority from the Department of State. Please visit dos.myflorida.com/sunbiz/ for this information on how to become registered.

8. SUBMITTAL REQUIREMENTS

Submittal of current SF-330 (federal Standard Form), Part I and II, with all sections completed. SF-330 can be obtained from U. S. General Services Administration (GSA) website www.gsa.gov/reference/forms, then select Standard Form on the menu and go to the 330.

The submittals shall be in the format of Standard Forms (SF) 330. The submittal shall be limited to 100 pages (includes ALL pages). The selection of the firms will be based on the information provided on the forms and in the additional sections.

A contractor may submit a response as a prime and also be a subcontractor to another firm.

Note: Standard Form (SF) 330 - Part II should be submitted for each firm and for each subcontractor.

Submittal requirements must be indexed and listed in the order described below:

A. Introduction Tab
    1. Letter of Interest by corporate office or principal of the firm.
    2. Specific Professional services to be offered (please delineate each service your firm offers).
    3. Table of Contents.

SECTION B – SPECIAL CONDITIONS

B. Tab 1 - Standard Form (SF) 330 – Part I & II

Should be a Maximum of 50 pages and fully completed as required by the law governing Standard Form (SF) 330.

Please furnish a list of 10 projects, where multiple team members worked together, if possible, illustrating the proposed team's qualifications for performance pertaining to this project. The County does not request nor require an amount greater than 10 projects be submitted. Your firm will not be penalized if more than 10 projects are furnished as part of your submittal; however, submitting more than 10 projects will not provide your firm an advantage during the evaluation process.

Note: Information submitted in Tab 2 through Tab 6 should be a maximum of 50 pages.

C. Tab 2 - Statements and Documentation

1. Proof of licenses/certifications
2. Provide proof of proper State of Florida business licensure and professional certifications/registration(s) in the State of Florida.
3. Provide proof of corporate registration to operate in the State of Florida by the Department of State, Division of Corporations. Information concerning certification with the Secretary of State can be obtained at: dos.myflorida.com/sunbiz/. Must be active status.
4. Provide Certificate of Florida Small and Minority Business issued by the Florida State Office of Supplier Diversity, Department of Management Services (if applicable).
5. Provide certificate for each firm claiming Pinellas County SBE status, issued by the Pinellas County Economic Development (if applicable).
6. State and provide address, phone number, contact, etc., if firm has an established office located in Pinellas, Manatee, Hillsborough or Pasco counties.

D. Tab 3 - Certificate(s) of Insurance

Section C reflects the insurance requirements deemed necessary for this project by County Risk Management. It is not necessary to have this level of insurance in effect at the time of submission, but certificates indicating that the insurance is currently carried, or acknowledgment from the carrier indicating upgrade availability will speed the review process.

E. Tab 4 - Key Personnel Statement

Submit a statement that personnel listed in the submittal will be available for and shall be assigned to this project. Failure to produce the proposed key personnel may be grounds for dismissal.

F. Tab 5 – Required Forms

1. W-9 Request for Taxpayer Identification Number and Certification
2. Section D Vendor References
3. Page 3, Signature Page of the RFQ
4. Electronic Payment (ePayable) form
5. Attachment A: Small Business Enterprise (SBE) Status Form
6. Appendix 1: E-Verify Affidavit

G. Tab 6 - Include any additional information to represent your firm for consideration.

Original letters shall be signed by an authorized representative of the firm. All information requested must be submitted. Failure to submit all information may delay evaluation of the proposal. Letters, which are substantially incomplete or lack key information, may be rejected by the County at its discretion.

The submittals shall be in the format of Standard Forms (SF) 330. The submittal should be limited to 100 pages (includes ALL possible pages). The selection of the firms will be based on the information provided on the forms and in the additional sections.

SECTION B – SPECIAL CONDITIONS

Information submitted with your letter of interest should include documentation to demonstrate your firm's qualifications and abilities to perform as noted in the scope of services and also include information to allow for a clear understanding of past projects, especially in Florida, staff experience and abilities, and any additional information to present your firm for consideration.

An evaluation committee will review the information submitted. Once review is complete and the firm confirms the maximum ceiling for establishing a fee schedule, a recommendation to the Board of County Commissioners will be prepared. This contract will result in negotiated rates that will be fully loaded and will encompass all profit, markup, and local travel expenses. Award(s) resulting from this solicitation shall be subject to the provisions of Section 2-178, contracting for Designated Professional Services of the Ordinances of Pinellas County and Section 10 of the Purchasing Policies and Procedures of Pinellas County.

For questions and additional information, contact person indicated on page 1.

Submittals will be evaluated using the criteria listed in Item 4 of this Section. Firms will be notified in writing if they have been selected in a reasonable time after submittal date.

All proposals shall be signed by authorized principals of the firm.

9. PROPOSAL SUBMITTAL COPIES

The preferred method is PDF conversion from the Proposer's source files (to minimize file size and maximize quality and accessibility) rather than scanning.

Instructions for Providing Files in PDF Format to Pinellas County Government

A. How do I convert my files to PDF format?
Answer- If you have a program such as Adobe Acrobat, creating a PDF of any file is a simple print function. Rather than printing to a traditional printer, the file converts to a PDF format copy of your original. Any program (such as Word, PowerPoint, Excel, etc.) can be converted this way by simply selecting the print command and choosing PDF as the printer.

B. Should I scan everything and save as PDF?
Answer- Not unless you are scanning with OCR (optical character recognition). Scanning will create unnecessarily large files because a scan is just a picture of a page rather than actual page text. Furthermore, the result of scanning is that your pages will not look nearly as "clean" or professional as simply using the print to PDF method from the program from which the file originates. Additionally, since scan pages are pictures of text, not really text, they may not be considered accessible* under Federal ADA guidelines (*unless the scans are OCR.)

C. My document is a compilation of multiple sources. Should I send multiple PDF files?

Answer- You may, however merging pages/files is a very simple process within PDF.

10. NON-MANDATORY SITE VISIT AND PRE-PROPOSAL INFORMATION MEETING

Site Visit and Pre-Proposal Information Meeting will be held **June 16, 2025 at 1:00 pm** at **St. Pete-Clearwater International Airport, Airport Conference Room #234, 14700 Terminal Blvd., Clearwater, FL.**

11. PRE-COMMENCEMENT MEETING

Upon award of bid, the County will coordinate a pre-commencement meeting with the successful Contractor. The meeting will require Contractor and the County Representative to review specific contract details and deliverable documents at this meeting to ensure the scope of work and work areas are understood.

12. BREACH OF CONTRACT

Failure of Contractor to perform any of the services required by this contract within ten (10) days of receipt of written demand for performance from the County shall constitute a breach of contract.

13. EQUAL OPPORTUNITY / GIFT & GRATUITY POLICY

Pinellas County is committed to a workplace, which is free from harassment or discrimination of any kind. All Contractors and their agents, while performing work and/or services pursuant to this Agreement, are expected to conduct themselves accordingly.

SECTION B – SPECIAL CONDITIONS

All employees of Pinellas County are prohibited from accepting gifts and/or gratuities from Contractors. Contractor agrees to cause all of its employees, subcontractors, consultants and other agents to honor this policy.

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

INSURANCE:

1. PHASE 1 INSURANCE REQUIREMENTS - DESIGN SERVICES

The Design Builder must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed below, prior to recommendation for award. The Design Builder shall obtain and maintain, and require any subcontractor to obtain and maintain, at all times during its performance of the Agreement in Phase 1 insurance of the types and in the amounts set forth. For projects with a Completed Operations exposure, Design Builder shall maintain coverage and provide evidence of insurance for 2 years beyond final acceptance. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and have an AM Best rating of

A. VIII or better.

a) Submittals should include the Design Builder's current Certificate(s) of Insurance in accordance with the insurance requirements listed below. If Design Builder does not currently meet insurance requirements, Design Builder shall also include verification from their broker or agent that any required insurance not provided at that time of submittal will be in place prior to the award of contract.

Upon selection of the Design Builder for award, the selected Design Builder shall email certificate that is compliant with the insurance requirements. If the certificate received is compliant certificate no further action may be necessary. The Certificate(s) of Insurance shall be signed by authorized representatives of the insurance companies shown on the Certificate(s). **The Certificate holder section shall indicate Pinellas County, a Political Subdivision of the State of Florida, 400 S Fort Harrison Ave, Clearwater, FL 33756. Pinellas County, a Political Subdivision of the State of Florida shall be named as an Additional Insured for General Liability. A Waiver of Subrogation for Workers Compensation shall be provided if Workers Compensation coverage is a requirement.**

Approval by the County of any Certificate(s) of Insurance does not constitute verification by the County that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate(s) of Insurance is in compliance with the requirements of the Agreement. County reserves the right to require a certified copy of the entire insurance policy, including endorsement(s), at any time during the RFP and/or contract period.

b) If any insurance provided pursuant to the Agreement expires or cancels prior to the completion of the work you will be notified by CTrax. Upon notification, renewal certificate(s) of Insurance and endorsement(s) should be furnished to Pinellas County Risk Management at InsuranceCerts@pinellas.gov and to CTrax c/o JDI Data at PinellasSupport@jdidata.com by the Design Builder or their agent prior to the expiration date.

1) The Design Builder shall also notify the County within seventy-two (72) hours after receipt, of any notices of expiration, cancellation, nonrenewal or adverse material change in coverage received by said Design Builder from its insurer. Notice shall be given by email to Pinellas County Risk Management at InsuranceCerts@pinellas.gov. Nothing contained herein shall absolve Design Builder of this requirement to provide notice.

2) Should the Design Builder, at any time, not maintain the insurance coverages required herein, the County may terminate the Agreement.

c) If subcontracting is allowed under Phase 1 of RFP, the Prime Design Builder shall obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth; and require any subcontractors to obtain and maintain, at all times during its performance of the Agreement, insurance limits as it may apply to the portion of the Work performed by the subcontractor; but in no event will the insurance limits be less than $500,000 for Workers' Compensation/Employers' Liability, and $1,000,000 for General Liability and Auto Liability if required below.

All subcontracts between the Design Builder and its subcontractor shall be in writing and are subject to the County's prior written approval. Further, all subcontracts shall;

1) Require each subcontractor to be bound to the Design Builder to the same extent the Design Builder is bound to the County by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the subcontractor;

2) Provide for the assignment of the subcontracts from the Design Builder to the County at the election of Owner upon termination of the Contract;

3) Provide that County will be an additional indemnified party of the subcontract;

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

4) Provide that the County will be an additional insured on all insurance policies required to be provided by the subcontractor except workers compensation and professional liability;

5) Provide a waiver of subrogation in favor of the County and other insurance terms and/or conditions as outlined below;

6) Assign all warranties directly to the County;

7) Identify the County as an intended third-party beneficiary of the subcontract. The Design Builder shall make available to each proposed subcontractor, prior to the execution of the subcontract, copies of the Contract Documents to which the subcontractor will be bound by this Section C and identify to the subcontractor any terms and conditions of the proposed subcontract which may be at variance with the Contract Documents.

d) Each insurance policy and/or certificate shall include the following terms and/or conditions:

1) The Named Insured on the Certificate of Insurance and insurance policy must match the entity's name that responded to the solicitation and/or is signing the agreement with the County.

2) Companies issuing the insurance policy, or policies, shall have no recourse against County for payment of premiums or assessments for any deductibles which all are at the sole responsibility and risk of Design Builder.

3) The term "County" or "Pinellas County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and Constitutional offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County.

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

e) The minimum insurance requirements and limits for this Agreement, which shall remain in effect throughout its duration and for two (2) years beyond final acceptance for projects with a Completed Operations exposure, are as follows:

1) <u>Workers' Compensation Insurance</u> Worker's Compensation Insurance is required if required pursuant to Florida law. If, pursuant to Florida law, Worker's Compensation Insurance is required, employer's liability, also known as Worker's Compensation Part B, is also required in the amounts set forth herein.

Limits

Employers' Liability Limits	Florida Statutory
Per Employee	$ 500,000
Per Employee Disease	$ 500,000
Policy Limit Disease	$ 500,000

If Vendor/Contractor is not required by Florida law, to carry Workers Compensation Insurance in order to perform the requirements of this Agreement, County Waiver Form for workers compensation must be executed, submitted, and accepted by Risk Management. Failure to obtain required Worker's Compensation Insurance without submitting and receiving a waiver from Risk Management constitutes a material breach of this Agreement.

2) <u>Commercial General Liability Insurance</u> including, but not limited to, Independent Vendor, Contractual Liability Premises/Operations, Products/Completed Operations, and Personal Injury. No explosion, collapse, or underground damage exclusions allowed.

Limits

Combined Single Limit Per Occurrence	$ 1,000,000
Products/Completed Operations Aggregate	$ 2,000,000
Personal Injury and Advertising Injury	$ 1,000,000
General Aggregate	$ 2,000,000

3) <u>Pollution Legal/Environmental Legal Liability Insurance</u> for pollution losses arising from all services performed

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

to comply with this contract. Coverage shall apply to sudden and gradual pollution conditions including the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon land, the atmosphere or any watercourse or body of water, which results in Bodily Injury or Property Damage. If policy is written on a Claims Made form, a retroactive date is required, and coverage must be maintained for 3 years after completion of contract or "tail coverage must be purchased. Coverage should include and be for the at least the minimum limits listed below:

a. Bodily injury, sickness, disease, mental anguish or shock sustained by any person, including death; property damage including physical injury to or destruction of tangible property including the resulting loss of use thereof, cleanup costs, and the loss of use of tangible property that has not been physically injured or destroyed;

b. Defense including costs, charges and expenses incurred in the investigation, adjustment or defense of claims for such compensation damages.

c. Cost of Cleanup/Remediation.

Limits

Per Claim or Occurrence	$ 1,000,000
General Aggregate	$ 1,000,000

For acceptance of Pollution Legal/Environmental Legal Liability coverage included within another policy coverage required herein, a statement notifying the certificate holder must be included on the certificate of insurance and the total amount of said coverage per occurrence must be greater than or equal to the amount of Pollution Legal/Environmental Legal Liability and other coverage combined.

4) **Professional Liability (Errors and Omissions) Insurance** with at least minimum limits as follows. If "claims made" coverage is provided, "tail coverage" extending three (3) years beyond completion and acceptance of the project with proof of "tail coverage" to be submitted with the invoice for final payment. In lieu of "tail coverage", Proposer may submit annually to the County, for a three (3) year period, a current certificate of insurance providing "claims made" insurance with prior acts coverage in force with a retroactive date no later than commencement date of this contract.

Limits

Each Occurrence or Claim	$ 8,000,000
General Aggregate	$ 8,000,000

For acceptance of Professional Liability coverage included within another policy required herein, a statement notifying the certificate holder must be included on the certificate of insurance and the total amount of said coverage per occurrence must be greater than or equal to the amount of Professional Liability and other coverage combined.

5) **Property Insurance** Vendor will be responsible for all damage to its own property, equipment and/or materials.

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

2. PHASE 2 INSURANCE REQUIREMENTS - CONSTRUCTION SERVICES

The Design Builder must provide a certificate of insurance and endorsement in accordance with the insurance requirements listed below, prior to recommendation for award. The Design Builder shall obtain and maintain, and require any subcontractor to obtain and maintain, at all times during its performance of the Agreement in Phase 2 insurance of the types and in the amounts set forth. For projects with a Completed Operations exposure, Design Builder shall maintain coverage and provide evidence of insurance for 2 years beyond final acceptance. All insurance policies shall be from responsible companies duly authorized to do business in the State of Florida and have an AM Best rating of A- VIII or better.

a) Submittals should include, the Design Builder's current Certificate(s) of Insurance in accordance with the insurance requirements listed below. If Design Builder does not currently meet insurance requirements, Design Builder shall also include verification from their broker or agent that any required insurance not provided at that time of submittal will be in place prior to the award of contract.

   Upon selection of the Design Builder for award, the selected Design Builder shall email certificate that is compliant with the insurance requirements. If the certificate received is compliant certificate no further action may be necessary. The Certificate(s) of Insurance shall be signed by authorized representatives of the insurance companies shown on the Certificate(s). **The Certificate holder section shall indicate Pinellas County, a Subdivision of the State of Florida, 400 S Fort Harrison Ave, Clearwater, FL 33756. Pinellas County shall be named as an Additional Insured for General Liability. A Waiver of Subrogation for Workers Compensation shall be provided if Workers Compensation coverage is a requirement.**

b) Approval by the County of any Certificate(s) of Insurance does not constitute verification by the County that the insurance requirements have been satisfied or that the insurance policy shown on the Certificate(s) of Insurance is in compliance with the requirements of the Agreement. County reserves the right to require a certified copy of the entire insurance policy, including endorsement(s), at any time during the RFP and/or contract period.

c) If any insurance provided pursuant to the Agreement expires or cancels prior to the completion of the work you will be notified by CTrax.. Upon notification, renewal certificate(s) of Insurance and endorsement(s) should be furnished to Pinellas County Risk Management at InsuranceCerts@pinellascounty.org and to CTrax c/o JD Data at PinellasSupport@jdidata.com by the Design Builder or their agent prior to the expiration date.

   1) The Design Builder shall also notify the County within 72 hours after receipt, of any notices of expiration, cancellation, nonrenewal or adverse material change in coverage received by said Design Builder from its insurer. Notice shall be given by email to Pinellas County Risk Management at InsuranceCerts@pinellascounty.org. Nothing contained herein shall absolve Design Builder of this requirement to provide notice.

   2) Should the Design Builder, at any time, not maintain the insurance coverages required herein, the County may terminate the Agreement.

d) If subcontracting is allowed under Phase 2 of RFP, the Prime Design Builder shall obtain and maintain, at all times during its performance of the Agreement, insurance of the types and in the amounts set forth; and require any subcontractors to obtain and maintain, at all times during its performance of the Agreement, insurance limits as it may apply to the portion of the Work performed by the subcontractor; but in no event will the insurance limits be less than $500,000 for Workers' Compensation/Employers' Liability, and $1,000,000 for General Liability and Auto Liability if required below.

   All subcontracts between the Design Builder and its subcontractor shall be in writing and are subject to the County's prior written approval. Further, all subcontracts shall;

   1) Require each subcontractor to be bound to the Design Builder to the same extent the Design Builder is bound to the County by the terms of the Contract Documents, as those terms may apply to the portion of the Work to be performed by the subcontractor;

   2) Provide for the assignment of the subcontracts from the Design Builder to the County at the election of Owner upon termination of the Contract;

   3) Provide that County will be an additional indemnified party of the subcontract;

   4) Provide that the County will be an additional insured on all insurance policies required to be provided by the subcontractor except workers compensation and professional liability;

5) Provide a waiver of subrogation in favor of the County and other insurance terms and/or conditions as outlined below;

6) Assign all warranties directly to the County;

7) Identify the County as an intended third-party beneficiary of the subcontract. The Design Builder shall make available to each proposed subcontractor, prior to the execution of the subcontract, copies of the Contract Documents to which the subcontractor will be bound by this Section C and identify to the subcontractor any terms and conditions of the proposed subcontract which may be at variance with the Contract Documents.

e) Each insurance policy and/or certificate shall include the following terms and/or conditions:

1) The Named Insured on the Certificate of Insurance and insurance policy must match the entity's name that responded to the solicitation and/or is signing the agreement with the County.

2) Companies issuing the insurance policy, or policies, shall have no recourse against County for payment of premiums or assessments for any deductibles which all are at the sole responsibility and risk of Design Builder.

3) The term "County" or "Pinellas County" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments and Constitutional offices of County and individual members, employees thereof in their official capacities, and/or while acting on behalf of Pinellas County.

f) The minimum insurance requirements and limits for this Agreement, which shall remain in effect throughout its duration and for two (2) years beyond final acceptance for projects with a Completed Operations exposure, are as follows:

1) Workers' Compensation Insurance Worker's Compensation Insurance is required if required pursuant to Florida law. If, pursuant to Florida law, Worker's Compensation Insurance is required, employer's liability, also known as Worker's Compensation Part B, is also required in the amounts set forth herein.

Limits	
Employers' Liability Limits	Florida Statutory
Per Employee	$ 500,000
Per Employee Disease	$ 500,000
Policy Limit Disease	$ 500,000

If Vendor/Contractor is not required by Florida law, to carry Workers Compensation Insurance in order to perform the requirements of this Agreement, County Waiver Form for workers compensation must be executed, submitted, and accepted by Risk Management. Failure to obtain required Worker's Compensation Insurance without submitting and receiving a waiver from Risk Management constitutes a material breach of this Agreement.

2) Commercial General Liability Insurance including, but not limited to, Independent Vendor, Contractual Liability Premises/Operations, Products/Completed Operations, and Personal Injury. No explosion, collapse, or underground damage exclusions allowed.

Limits	
Combined Single Limit Per Occurrence	$ 1,000,000
Products/Completed Operations Aggregate	$ 2,000,000
Personal Injury and Advertising Injury	$ 1,000,000
General Aggregate	$ 2,000,000

3) Business Automobile or Trucker's/Garage Liability Insurance covering owned, hired, and non- owned vehicles. If the Consultant does not own any vehicles, then evidence of Hired and Non-owned coverage is sufficient. Coverage shall be on an "occurrence" basis, such insurance to include coverage for loading and

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

unloading hazards, unless Consultant can show that this coverage exists under the Commercial General Liability policy.

Limit

Combined Single Limit Per Accident	$1,000,000

4) **Excess or Umbrella Liability Insurance** excess of the primary coverage required, in paragraphs (1), (2), and (3) above. No explosion, collapse, or underground damage exclusions allowed. No crane weight, jig or boom exclusions allowed

Limits

Each Occurrence	$ 8,000,000
General Aggregate	$ 8,000,000

5) **Pollution Legal/Environmental Legal Liability Insurance** for pollution losses arising from all services performed to comply with this contract. Coverage shall apply to sudden and gradual pollution conditions including the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon land, the atmosphere or any watercourse or body of water, which results in Bodily Injury or Property Damage. If policy is written on a Claims Made form, a retroactive date is required, and coverage must be maintained for 3 years after completion of contract or "tail coverage must be purchased. Coverage should include and be for the at least the minimum limits listed below:

a. Bodily injury, sickness, disease, mental anguish or shock sustained by any person, including death; property damage including physical injury to or destruction of tangible property including the resulting loss of use thereof, cleanup costs, and the loss of use of tangible property that has not been physically injured or destroyed;

b. Defense including costs, charges and expenses incurred in the investigation, adjustment or defense of claims for such compensation damages.

c. Cost of Cleanup/Remediation.

Limits

Per Claim or Occurrence	$ 1,000,000
General Aggregate	$ 1,000,000

For acceptance of Pollution Legal/Environmental Legal Liability coverage included within another policy coverage required herein, a statement notifying the certificate holder must be included on the certificate of insurance and the total amount of said coverage per occurrence must be greater than or equal to the amount of Pollution Legal/Environmental Legal Liability and other coverage combined.

6) **Professional Liability (Errors and Omissions) Insurance** with at least minimum limits as follows. If "claims made" coverage is provided, "tail coverage" extending three (3) years beyond completion and acceptance of the project with proof of "tail coverage" to be submitted with the invoice for final payment. In lieu of "tail coverage", Proposer may submit annually to the County, for a three (3) year period, a current certificate of insurance providing "claims made" insurance with prior acts coverage in force with a retroactive date no later than commencement date of this contract.

Limits

Each Occurrence or Claim	$ 1,000,000
General Aggregate	$ 1,000,000

For acceptance of Professional Liability coverage included within another policy required herein, a statement

SECTION C – LIMITATION ON LIABILITY, INDEMNIFICATION, AND INSURANCE REQUIREMENTS

notifying the certificate holder must be included on the certificate of insurance and the total amount of said coverage per occurrence must be greater than or equal to the amount of Professional Liability and other coverage combined.

7) **Property Insurance** Vendor will be responsible for all damage to its own property, equipment and/or materials.

SECTION D – CONTRACTOR REFERENCES

THE FOLLOWING INFORMATION IS REQUIRED IN ORDER THAT YOUR PROPOSAL MAY BE REVIEWED AND PROPERLY EVALUATED.

COMPANY NAME: _____

LENGTH OF TIME COMPANY HAS BEEN IN BUSINESS: _____

BUSINESS ADDRESS: _____

HOW LONG IN PRESENT LOCATION: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

TOTAL NUMBER OF CURRENT EMPLOYEES: _____ FULL TIME _____ PART TIME

NUMBER OF EMPLOYEES YOU PLAN TO USE TO SERVICE THIS CONTRACT: _____

All references will be contacted by a County Designee via email, fax or phone call to obtain answers to questions, as applicable before an evaluation decision is made.

Bidders must have experience in work of the same or similar nature, and must provide references that will satisfy the County. Proposer must furnish a reference list of at least four (4) customers for whom they have performed similar services.

EITHER LOCAL COMMERCIAL OR GOVERNMENTAL REFERENCE(S) (PINELLAS COUNTY GOVERNMENT REFERENCES WILL NOT BE ACCEPTED) THAT YOU HAVE PREVIOUSLY PERFORMED SIMILAR CONTRACT SERVICES FOR:

1.	2.
COMPANY:	COMPANY:
ADDRESS:	ADDRESS:
TELEPHONE/FAX:	TELEPHONE/FAX:
CONTACT:	CONTACT:
CONTACT EMAIL:	CONTACT EMAIL:
COMPANY EMAIL ADDRESS:	COMPANY EMAIL ADDRESS:
3.	4.
COMPANY:	COMPANY:
ADDRESS:	ADDRESS:
TELEPHONE/FAX:	TELEPHONE/FAX:
CONTACT:	CONTACT:
CONTACT EMAIL:	CONTACT EMAIL:
COMPANY EMAIL ADDRESS:	COMPANY EMAIL ADDRESS:

SECTION E – SCOPE OF WORK

A. OBJECTIVE:

The St. Pete – Clearwater International Airport ("PIE" or "Airport") is proposing to construct a structured parking garage in the existing Strawberry Pie Lot. The parking garage program will consist of an approximate 1,300 space pre-cast parking garage, 500 space surface parking lot, intersection reconstruction, and other elements needed to support the parking operation.

B. BACKGROUND:

Due to the continued growth of commercial aircraft operations at the airport over the past ten years, the airport has maximized the surface parking areas available. A parking garage has been determined to be the most feasible approach to keep up with the current parking demands. Several parking studies have been performed indicating that a vertical solution is the most logical approach to meet current and future parking needs.

C. SCOPE OF WORK:

Refer to Criteria Package and Agreement.

ATTACHMENTS:

1. Attachment A: Small Business Enterprise (SBE) Status Form
2. Attachment B: E-Verify Affidavit
3. Permits (if applicable) – See Exhibit K of Agreement
4. Design Build Criteria Package prepared by Kimley-Horn and Associates, Inc dated March 2025.

ELECTRONIC PAYMENT (EPAYABLES)

ELECTRONIC PAYMENT (EPAYABLES)

The Board of County Commissioners (County) is offering faster payments. The County would prefer to make payment using credit card through the ePayables system. See above.

Would your company accept to participate in the ePayables credit card program?
Yes _____ No _____
For more information about ePayables credit card program please visit Purchasing Department website
www.pinellascounty.org/purchase/

_____

Company Name

_____

Signature

_____

Printed Signature

_____

Phone Number

_____

Email

_____

W-9

W-9 REQUEST FOR TAXPAYER ID NUMBER AND CERTIFICATION

***Instructions to form W-9 available upon request**

The contractor must complete and submit to the County Form W-9 available: Through the following link:

www.irs.gov/forms-pubs/about-form-w-9

Section 119.071(5), Florida Statutes Notice:

Your Tax Identification Number (which for individuals is your social security number) is collected on Form W9 for use in filing information returns with the IRS as described more fully below. Collection of the Internal Revenue Code (26 U.S.C § 6109).

Privacy Act Notice:

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons who must file information returns with the IRS to report interest, dividends, and certain other income paid to you, mortgage interest you paid, the acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA, or Archer MSA or HAS. The IRS may also provide this information to the Department of Justice for civil and criminal litigation, and to cities, states, and District of Columbia, and U.S. possessions to carry out their tax laws. We may also disclose this information to other countries under the tax treaty, to federal and state agencies to enforce federal nontax criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism.

You must provide your TIN whether or not you are required to file a tax return. Payers must generally withhold 28% of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to a payer.

APPENDIX 1 – E-VERIFY AFFIDAVIT

I hereby certify that _____ [insert contractor company name] does not employ, contract with, or subcontract with an unauthorized alien, and is otherwise in full compliance with Section 448.095, Florida Statutes.

All employees hired on or after January 1, 2021 have had their work authorization status verified through the E-Verify system.

A true and correct copy of _____ [insert contractor company name] proof of registration in the E-Verify system is attached to this Affidavit.

Signature:_____

Print Name:_____

Date:_____

Federal Work Authorization User Identification No.:_____

Name of Pinellas County Contract and Contract No.:_____

STATE OF FLORIDA COUNTY OF _____

The foregoing instrument was acknowledged before me by means of 1) physical presence __ or 2) online notarization ___, this _____ (date) by _____ (name of officer or agent, title of officer or agent) of _____ (name of contractor company acknowledging), a _____ (state or place of incorporation) corporation, on behalf of the corporation. He/she is personally known to me or has produced _____ (type of identification) as identification.

[Notary Seal]

Notary Public:_____

Name typed, printed, or stamped:_____

My Commission Expires:_____

ATTACHMENT B: AGREEMENT

ATTACHMENT A: SMALL BUSINESS ENTERPRISE (SBE) STATUS FORM

IMPORTANT:

1. There is a maximum of 100 points available under this section, which will be awarded as follows:
   a. If the prime firm is certified as a Pinellas County SBE, 100 points will be awarded.
   b. If the prime firm utilizes 1 certified Pinellas County SBE as sub-consultant, 50 points will be awarded.
   c. If the prime firm utilizes more than 1 certified Pinellas County SBE, as sub-consultant, 75 points will be awarded.
   d. If the prime firm nor any of its sub-consultants are not certified as a Pinellas County SBE, 0% of the points available will be awarded.
2. Proof of certification for each firm claiming Pinellas County SBE status should be included in the submittal.

PRIME FIRM	PINELLAS COUNTY CERTIFIED SBE	
	Yes	No
1.		

SUB-CONSULTANT(S):	PINELLAS COUNTY CERTIFIED SBE	
	Yes	No
1.		
2.		
3.		
4.		
5.		

I certify that the information included in this Form is true and complete to the best of my knowledge and belief. I further understand and agree points awarded to this section will be based on the information provided and that this Form shall become a part of my contract with Pinellas County.

Name and Title of Authorized Representative: _____

Signature: _____

FOR PINELLAS COUNTY USE ONLY				
MAXIMUM AVAILABLE POINTS	**AWARDED POINTS**			
100	☐ *100 Points (Prime Firm is Pinellas County SBE)*	☐ *75 Points (More than 1 sub consultant is Pinellas County SBE)*	☐ *50 Points (Only 1 sub consultant is Pinellas County SBE)*	☐ *0 Does not meet criteria requirements*

ATTACHMENT B – FDOT GRANT PROVISIONS

Florida Department of Transportation Funding

This project is being funded in part by a Grant from the Florida Department of Transportation (FDOT). The contractor must abide by the following contract provisions:

Equal Employment Opportunity: In connection with the carrying out of this Project, the contractor shall not discriminate against any employee or applicant for employment because of race, age, creed, color, sex or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, age, creed, color, sex, or national origin. Such action shall include, but not be limited to, the following: Employment upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor shall insert the foregoing provision modified only to show the particular contractual relationship in all its subcontracts in connection with the development or operation of the Project, except subcontracts for the standard commercial supplies or raw materials, and shall require all such subcontractors to insert a similar provision in all subcontracts, except subcontracts for standard commercial supplies or raw materials. When the Project involves installation, construction, demolition, removal, site improvement, or similar work, the Contractor shall post, in conspicuous places available to employees and applicants for employment for Project work, notices to be provided by the Department setting forth the provisions of the nondiscrimination clause.

Title VI - Civil Rights Act of 1964: The Contractor will comply with all the requirements imposed by Title VI of the Civil Rights Act of 1964 (42 USC 2000d, et. seq), the Regulations of the Federal Department of Transportation issued thereunder, and the assurance by the Contractor pursuant thereto.

Title VIII - Civil Rights Act of 1968: The Contractor will comply with all the requirements imposed by Title VIII of the Civil Rights Act of 1968, (42 USC 3601, et seq.,) which among other things, prohibits discrimination in housing on the basis of race, color, national origin, creed, sex and age.

Americans with Disabilities Act of 1990 (ADA): The Contractor will comply with all the requirements imposed by the ADA (42 USC 12012. et. Seq.) the regulations of the federal government issued thereunder, and the assurance by the Contractor pursuant thereto.

Disadvantaged Business Enterprise (DBE) Policy and Obligation:

The requirements of 49 CFR Part 26, Regulations of the U.S. Department of Transportation, apply to this contract. It is the policy of the St. Pete-Clearwater International Airport, to practice nondiscrimination based on race, color, sex, or national origin in the award or performance of this contract. All firms qualifying under this solicitation are encouraged to submit bids/proposals. Award of this contract will be conditioned upon satisfying the requirements of this bid specification. These requirements apply to all bidders, including those who qualify as a DBE.

A DBE contract goal of 6.81 percent (6.81%) has been established for this contract.

The bidder shall make good faith efforts, as defined in Appendix A, 49 CFR Part 26, to meet the contract goal for DBE participation in the performance of this contract.

The bidder will be required to submit the following information:

(1) The names and addresses of DBE firms that will participate in the contract;

(2) A description of the work that each DBE firm will perform;
(3) The dollar amount of the participation of each DBE firm participating;
(4) Written documentation of the bidder's commitment to use a DBE subcontractor whose participation it submits to meet the contract goal;
(5) Written confirmation from the DBE that it is participating in the contract as provided in the commitment made under (4); and
(6) If the contract goal is not met, evidence of good faith efforts.

St. Pete-Clearwater International Airport (hereafter 'the Airport') shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any USDOT-assisted contract or in the administration of its DBE Program or the requirements of 49 CFR Part 26. The Airport shall take all necessary and reasonable steps under 49 CFR Part 26 to ensure nondiscrimination in the award and administration of USDOT assisted contracts. The Airport's DBE Program, as required by 49 CFR Part 26 and as approved by USDOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the Airport of its failure to carry out its approved program, the Department may impose sanction as provided for under 49 CFR Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 et seq.).

This language will also appear in financial assistance agreements with sub-recipients, if any.

The St. Pete-Clearwater International Airport will ensure that the following clause is included in each DOT-funded contract it signs with a contractor (and each subcontract the prime contractor signs with a subcontractor). The following language is to be used verbatim as stated in §26.13(b):

"The contractor, sub-recipient, or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate, which may include, but is not limited to:

1) Withholding monthly progress payments;

2) Assessing sanctions;

3) Liquidated damages; and/or Disqualifying the contractor from future bidding as non-responsible."

Prompt Payment

The Airport requires that all subcontractors performing work on USDOT-assisted contracts shall be promptly paid for work performed pursuant to their agreements, in accordance with all relevant federal, state, and local law.

In accordance with 49 CFR §26.29, the Airport has established, as part of its DBE Program, a contract clause to require prime contractors to pay subcontractors for satisfactory performance of their contracts no later than thirty (30) days from receipt of each payment made to the prime contractor by the Airport.

The Airport ensures prompt and full payment of retainage from the prime contractor to the subcontractor within *30* days after the subcontractor's work is satisfactorily completed. Pursuant to §26.29, the Airport has selected the following method to comply with this requirement:

The Airport will hold retainage from prime contractors and provide for prompt and regular incremental acceptances of portions of the prime contract, pay retainage to prime contractors based on these acceptances, and require a contract clause obligating the prime contractor to pay all retainage owed to the subcontractor for satisfactory completion of the accepted work within 30 days after the Airport's payment to the prime contractor.

To implement this measure the Airport will include the following clause from the FAA Advisory Circular 150-5370-10H in each DOT-assisted prime contract.

a. From the total of the amount determined to be payable on a partial payment, 5% percent of such total amount will be deducted and retained by the Airport for protection of the Airport's interests. Unless otherwise instructed by the Airport, the amount retained by the Airport will be in effect until the final payment is made except as follows:

(1) Contractor may request release of retainage on work that has been partially accepted by the Airport in accordance with Section 50-14. Contractor must provide a certified invoice to the RPR that supports the value of retainage held by the Airport for partially accepted work.

(2) In lieu of retainage, the Contractor may exercise at its option the establishment of an escrow account per paragraph 90-08.

b. The Contractor is required to pay all subcontractors for satisfactory performance of their contracts no later than 30 days after the Contractor has received a partial payment. Contractor must provide the Airport evidence of prompt and full payment of retainage held by the prime Contractor to the subcontractor within 30 days after the subcontractor's work is satisfactorily completed. A subcontractor's work is satisfactorily completed when all the tasks called for in the subcontract have been accomplished and documented as required by the Airport. When the Airport has made an incremental acceptance of a portion of a prime contract, the work of a subcontractor covered by that acceptance is deemed to be satisfactorily completed.

c. When at least 95% of the work has been completed to the satisfaction of the RPR, the RPR shall, at the Airport's discretion and with the consent of the surety, prepare estimates of both the contract value and the cost of the remaining work to be done. The Airport may retain an amount not less than twice the contract value or estimated cost, whichever is greater, of the work remaining to be done. The remainder, less all previous payments and deductions, will then be certified for payment to the Contractor.

<u>Prompt Payment Monitoring for DBEs and Non-DBEs</u>
The Airport clearly understands and acknowledges that reliance on complaints or notifications from subcontractors about a contractor's failure to comply with prompt payment and retainage requirements is not a sufficient monitoring and oversight mechanism. Therefore, the Airport undertakes proactive monitoring and oversight of prime contractors' compliance with subcontractor prompt payment and return of retainage requirements of 49 CFR Part 26. Such monitoring activities will be accomplished through the following method(s):

1. *Requiring prime contractors to notify the Airport via email, to the DBELO, the name of the subcontractor, the amount paid, the date paid, and the check number. This must be done after each pay application has been paid by the Airport.*
2. *Use of an automated system (B2G Now) that requires real time entry of payments to, and receipts by, prime contractors and subcontractors and regularly monitors that system.*

The Airport proactively reviews contract payments to subcontractors including DBEs at least once a month, utilizing the #1 method above. Payment reviews will evaluate whether the actual amount paid to DBE subcontractors is equivalent to the amounts reported to the Airport by the prime contractor.

The Airport requires prime contractors to maintain records and documents of payments to subcontractors, including DBEs, for a minimum of three (3) years unless otherwise provided by applicable record retention requirements for the Airport's financial assistance agreement, whichever is longer. These records will be made available for inspection upon request by any authorized representative of the Airport or DOT. This reporting requirement extends to all subcontractors, both DBE and non-DBE.

Prompt Payment Dispute Resolution

The Airport will take the following steps to resolve disputes as to whether work has been satisfactorily completed for purposes of §26.29.

A meeting will be scheduled with the prime, sub, DBELO and other appropriate Airport representative(s) such as the Airport Engineer. Any meeting for the purpose of dispute resolution will include Airport representative(s) authorized to bind each interested party, including Airport representative(s) with authority to take enforcement action.

The Airport has established, as part of its DBE program, the following mechanism(s) to ensure prompt payment and return of retainage:

A contract clause providing that the prime contractor will not be reimbursed for work performed by subcontractors unless and until the prime contractor ensures that the subcontractors are promptly paid for the work they have performed.

If the Prime contractor has not paid subcontractors in accordance with §26.29 the Airport will not reimburse the prime contractor for work performed by subcontractors until the prime is in compliance with §26.29.

Prompt Payment Complaints

Complaints by subcontractors regarding the prompt payment requirements are handled according to the following procedure.

- If affected subcontractor is not comfortable contacting the prime directly regarding payment or unable to resolve payment discrepancies with prime, subcontractor should contact the Airport's DBELO to initiate complaint.

- If filing a prompt payment complaint with the DBELO does not result in timely and meaningful action by the Airport to resolve prompt payment disputes, affected subcontractor may contact the FAA Office of Civil Rights.
- Pursuant to Sec. 157 of the FAA Reauthorization Act of 2018, all complaints related to prompt payment will be reported in a format acceptable to the FAA, including the nature and origin of the complaint and its resolution.

Enforcement Actions for Noncompliance of Participants

The Airport will provide appropriate means to enforce the requirements of §26.29. These means may include:

- *In accordance with the contract, assessing liquidated damages against the prime contractor for each day beyond the required time period the prime contractor fails to pay the subcontractor.*
- *Advise subcontractors of the availability of the payment and performance bond to assure payment for labor and materials in the execution of the work provided for in the contract.*
- *Pay subcontractors directly and deduct this amount from the retainage owed to the prime.*
- *Issue a stop-work order until payments are released to subcontractors, specifying in the contract that such orders constitute unauthorized delays for the purposes of calculating liquidated damages if milestones are not met.*

The Airport will actively implement the enforcement actions detailed above.

Monitoring Contracts and Work Sites

The Airport reviews contracting records and engages in active monitoring of work sites to ensure that work committed to DBEs at contract award or subsequently (*e.g.,* as the result of modification to the contract) is performed by the DBEs to which the work was committed. Work site monitoring is performed by the resident project representative who is tasked with this work. Contracting records are reviewed by the DBELO. The Airport will maintain written certification from the resident project representative that contracting records have been reviewed and work sites have been monitored for this purpose.

Good Faith Efforts when a DBE is replaced on a contract

The Airport requires that prime contractors not terminate a DBE subcontractor listed on a bid/contract with a DBE contract goal without the Airport's prior written consent. Prior written consent will only be provided where there is "good cause" for termination of the DBE firm, as established by Section 26.53(f)(3) of the DBE regulation.

Before transmitting to the Airport its request to terminate, the prime contractor must give notice in writing to the DBE of its intent to do so. A copy of this notice must be provided to the Airport prior to consideration of the request to terminate. The DBE will then have five (5) days to respond and advise the Airport of why it objects to the proposed termination.

In those instances where "good cause" exists to terminate a DBE's contract, the Airport will require the prime contractor to make good faith efforts to replace a DBE that is terminated or has otherwise failed to complete its work on a contract with another certified DBE, to the extent needed to meet the contract goal. The Airport will require the prime contractor to notify the DBE Liaison officer immediately of

the DBE's inability or unwillingness to perform and provide reasonable documentation. Good cause does not exist if the prime contractor seeks to terminate a DBE or any portion of its work that is relied upon to obtain the contract so that the prime contractor to self-perform the work for which the DBE contractor was engaged, or so that the prime contractor can substitute another DBE or non-DBE contractor after contract award.

E-Verify

The contractor shall utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the Vendor/Contractor during the term of the contract; and

Shall expressly require any subcontractors performing work or providing services pursuant to this contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term