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City of St Pete Beach  
Request for Proposal

# Aesthetic Lighting for Landscape Medians

State Road 699

**Bid Proposal due by October 15<sup>th</sup>, 2013,  
10:00 A.M. at City Hall, St. Pete Beach, FL**

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I. **BIDDER'S CONTRACT PROPOSAL**

The company that is submitting a proposal declares that he/she has extensive experience in solar lighting and panel installation and is also licensed to do so.

The undersigned, as Bidder, hereby declares that the only person or persons interested in the Proposal as principal or principals are named herein, and that no other person than herein mentioned has any interest in the Proposal or in the Contract to be entered into; that this Proposal or Contract is made without connection with any other person, company, or parties making a Bid or Proposal; and that it is in all respects fair and in good faith without collusion or fraud.

The Bidder further declares that he/she has examined the site of the work and informed himself/herself fully in regard to all conditions pertaining to the place where the work is to be done; that he/she has examined the RFP, Plans, and Specifications for the work and Contract Documents relative thereto, and has read all special provisions furnished prior to the opening of bids; and that he/she has satisfied himself/herself relative to the materials to be supplied and work to be performed.

The bidder certifies that the information and responses provided within this proposal are true, accurate, and complete. The City or its designated representatives may contact any entity or references listed in the response and investigate the company as defined in References & Qualifications to verify the bidder's abilities and quality of work. The contractor hereby grants permission for each entity or reference listed in the bidder's response may make any information concerning the Contractor available to the City.

The Bidder proposes and agrees, if the Proposal is accepted, to contract with the City of St. Pete Beach, Florida, in the form of Contract/Agreement specified for: "AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS".

In St. Pete Beach, Florida, in full and complete accordance with the shown, noted, described, and reasonably intended requirements of the RFP, Plans, Specifications, Contract Documents, and Addenda to the full and entire satisfaction of the City of St. Pete Beach, Florida, the Bidder proposes to furnish all materials, equipment, labor, and perform the work submitted in their bid schedule for the City of St. Pete Beach's project: "AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS".

COMPANY:  
ADDRESS:

DATE:  
PHONE:

BY: \_\_\_\_\_  
(SIGNATURE)

NAME: \_\_\_\_\_  
(PRINT NAME & TITLE)

Sworn to and subscribed before me on this \_\_\_\_\_ day of \_\_\_\_\_, 2013

\_\_\_\_\_  
(Notary Public)

\_\_\_\_\_  
(My Commission Expires)

SUBMIT BID ITEMIZATION WITH PROPOSAL TO:  
**CITY OF ST. PETE BEACH**

## BID SCHEDULE

### Base Bid:

Lump Sum Bid to provide all Labor, Materials, Equipment to install Aesthetic Lighting for Landscape Medians:

\$ \_\_\_\_\_

### Unit Price:

RAB Lighting #HBLED13A \$ \_\_\_\_\_/EA

RAB Lighting #HBLED13DCA \$ \_\_\_\_\_/EA

Solar Panel, Battery, Pole, Concrete Base Assembly \$ \_\_\_\_\_/EA

## II. GENERAL CONTRACT DOCUMENTS

### REQUEST FOR PROPOSAL

Aesthetic Lighting for Landscape Medians

### BID DOCUMENTS

- I. Bidder's Proposal & Bid Schedule
- II. General Contract Documents
- III. References
- IV. Certificate of Insurance
- V. Performance Bond
- VI. Contract Agreement
- VII. Bidder's Checklist
- VIII. Contractor Education
- IX. Vendor Form
- X. Drawings & FDOT Permit

### LOCATIONS

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The City of St. Pete Beach is soliciting proposals from qualified Construction Contractors for installation of solar panels and aesthetic up-lighting in landscape medians along State Rd. 699 beginning at State Rd. 682 and ending just north of 93<sup>rd</sup> Ave.

### BID SUBMITTALS

Bid documents must include a signed proposal, itemized bid description and fee schedule, project schedule, references, contractor's license and insurance certificates. Any major sub-contractor that will be hired by the contractor for this project must also submit references, contractor's license and insurance certificates. Refer to bidder's checklist for further details. Submit one original and 2 copies of all bid submittal documents. Failure to submit the required bid submittals could result in a contractor's bid being deemed incomplete or non-compliant with bid specifications and will not be reviewed for price.

### BIDDER REQUIREMENTS

Contractors must have completed a minimum of three (3) commercial projects of similar size/scope and show continual work experience in electrical construction for at least the last five (5) years. Contractor must be a licensed general or electrical contractor and able to perform this scope of work in Pinellas County.

### BIDDER INFORMATION

All Contractors must contact the CIP Construction Manager, via e-mail, with their intention to bid, along with their company name and contact information. The City is not responsible for any Addendums or other supplementary information that is not received due to non-submittal of the aforementioned information. Please refer back to the website ([www.stpetebeach.org](http://www.stpetebeach.org)) for additional project information as it becomes available.

### MANDATORY PRE-BID MEETING

Mandatory pre-bid meeting will be held on September 26<sup>th</sup>, 2013, at 10:00AM at the Public Services Building located at 7581 Boca Ciega Dr., St. Pete Beach, FL.

### BID PACKAGES

Sealed bids will be received until 10:00 a.m. on October 11th, 2013, in the Office of the City Clerk, 155 Corey Avenue, St. Pete Beach Florida at which time they will be publicly opened and read. All bidders are invited to attend this bid opening, which will be held immediately following the closing time specified. Bids received after the deadline will not be accepted.

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### Bids should be addressed to:

City of St. Pete Beach  
City Clerk's Office  
155 Corey Ave.  
St. Pete Beach, FL 33706

Plainly marked as:

***"Aesthetic Lighting for Landscape Medians"***

## **CONTACT INFORMATION**

Renee Cooper, CIP Construction Manager

**Mailing:** 155 Corey Avenue **Office:** 7581 Boca Ciega Dr.  
St. Pete Beach, Florida 33706

Office - (727) 363-9254 Fax - (727) 367-2736

E-mail - [r.cooper@stpetebeach.org](mailto:r.cooper@stpetebeach.org)

## **SCOPE OF WORK**

- Refer to Aesthetic Lighting for Landscape Medians Drawings and FDOT Utility Permit dated 03/19/13.

## **DETAILED SPECIFICATIONS**

- The contractor shall carefully examine the project site and be familiar with the work required for the project. Investigate all site conditions that may affect execution of the work as detailed in the bid documents. Contact the City's Public Services Department or their designee for changes or alterations before proceeding. Contractor is responsible for field measurement and review of existing conditions.
- Work Hours shall be from 7:00AM until 5:00PM, Monday thru Friday. No work shall take place during the weekends or on City Holidays (Memorial Day, Independence Day, Labor Day, etc.). If weekend or holiday work is required, this must be approved by the CIP Construction Manager at least 1 week prior to the scheduled work. Contractor will coordinate scheduling of work with CIP Construction Manager
- Contractor is responsible for all utility locates through Sunshine One-Call.
- Site and surrounding properties must be kept free of construction debris and thoroughly cleaned upon completion
- All work to be completed within the project limits or City Right-Of-Way.
- Equipment left on site must be approved by CIP Construction Manager.
- Barricades, cones, and/or traffic control activities, ALL MOT requirements are the responsibility of the Contractor.
- Contractor is responsible for all cut and patch within the project limits as a direct result of work performed under this contract. All disturbed areas are to be patched back equal to or better than the existing.
- Contractor is responsible for all Stormwater BMPs. As per DEP's requirements for MS4's, please provide proof of Site Operator Training based on DEP's Stormwater, Erosion, and Sediment Inspector Training Class.
- Lumber or timber products should be produced and manufactured in the state if the products are appropriately available.

## **ADDITIONAL WORK DETAILS**

**Firms or persons wishing to bid on this project must be licensed, bondable and insured in accordance to the requirements of this proposal package. Contractors and sub-contractors must be certified, registered and/or licensed by the proper construction licensing boards for the work being performed. The contractor will furnish all necessary labor, materials, tools, equipment and supplies to complete the scope of work. Proposal must also include all costs for licenses, permits and any material disposal fees.**

Bidders shall bring questions, discrepancies, omissions, conflicts or doubt as to meaning of any part of Contract Documents to attention of the City of St Pete Beach Public Services Department at least ten (10) days before due date for Bids. Clarification of intent of Contract Documents if necessary shall be made available to bidders in form of Addendum. Failure to request clarification of interpretation of Contract Documents shall not relieve bidders of their responsibilities to perform the work.

The City of St. Pete Beach reserves the right to reject any or all proposals or parts of proposals or accept any proposal or part thereof deemed to be in the best interests to the City of St. Pete Beach. The City of St. Pete Beach also retains the right of selecting separate contractors for any particular bid item.

## **STATEMENT OF WORK**

The Contractor shall furnish and pay the cost, including sales tax and all other applicable taxes, licenses,

permits and fees, of all the necessary materials not furnished by the City and shall furnish and pay for all the superintendence, labor, tools, equipment and transportation and perform all the work required for the execution of all services listed in the Bidder's Proposal and Bid Schedule attached hereto and in strict accordance with the Plans, Specifications, and requirements of the City of St. Pete Beach which are attached hereto and made a part hereof, and any amendments thereto and such supplemental Plans and Specifications which may hereafter be approved.

#### **BEGINNING DATE**

The Contractor shall within ten (10) days after receipt of the Notice of Award and before commencement of any operations hereunder execute the Contract. The Contractor must provide a work schedule and/or commence work within ten (10) days of the Contract signing at the discretion of the City. Any change to the start date or the work schedule must be submitted in writing to and approved by the City Manager or designee. The Contractor shall furnish a dated work schedule (what work completed on what date) with each invoice to aid the City. The work shall be discontinued on Saturdays, Sundays and all legal or City designated holidays, except for special operations that may be necessary in order to maintain, check or protect work already performed. Work may be permitted on weekends or holidays with approval from the City Manager or designee. No work shall be done at night without prior approval of the City Manager or designee.

#### **COMPLETION DATE**

180 Days from award of Contract.

#### **EXAMINATION OF SITE**

Bidder shall carefully examine project site and be familiar with the work required for the project. Investigate all site conditions that may affect execution of work as detailed in the construction documents. Contact the City's Public Services Department or their designee for changes or alterations before proceeding.

#### **ASSURANCES**

The responding firm shall provide a statement of assurance that the firm is not presently in violations of any statutes or regulatory rules that might have an impact on the firms operations. All applicable laws and regulations of the State of Florida and ordinances and regulations of the City of St. Pete Beach will apply.

#### **TRAFFIC CONTROL AND STAGING AREA**

Contractor shall include all costs associated with traffic control and maintenance during the project. Contractor shall be provided with a staging area but will be required to control the area with fencing or barricades.

#### **ASSIGNMENT AND TRANSFER OF CONTRACT**

The Contractor shall not assign or transfer this Contract or any part thereof or any interest therein without consent in writing of the City and the contractor's Surety, and any such assignment or transfer without such written consent shall be null and void.

#### **SUBCONTRACTS**

The Contractor shall not subcontract this Contract or any part thereof or any interest therein without consent in writing of the City and the contractor's Surety. Any Subcontractor approved by the City will be subject to the same standards and qualifications as stated in this Contract.

#### **PERFORMANCE PAYMENT BOND**

The Contractor shall furnish the City with a performance and payment bond in a penal sum equal to the amount of the Contract price, conditioned upon the performance by the Contractor of all undertakings, covenants, terms, conditions, and agreements of this Contract, and upon the prompt payment by the Contractor to all persons supplying labor and materials in the prosecution of the work provided by this Contract. The Contractor shall execute such bond and a corporate bonding company licensed to transact such business in the State of Florida and acceptable to the City.

**The expense of this bond shall be borne by the Contractor. If at any time a Surety on such bond becomes irresponsible or loses its right to do business in the State of Florida, the City may require another Surety that the Contractor shall furnish within ten (10) calendar days after receipt of written notice to do so. Evidence of authority of an attorney in fact acting for the corporate Surety must be**

provided in the form of a certificate as to his power of attorney and to the effect that it is not terminated and remains in full force and effect on the date of the bond. The form of the bond shall be subject to approval by the City.

**LIQUIDATED DAMAGES**

If the work embraced by this Contract is not completed on or before the date set for completion or any extension thereof, the actual damages for the delay will be impossible to determine and in lieu thereof, the Contractor shall pay to the City fixed, agreed and liquidated damages in the amount of Five-Hundred Dollars (\$500) per day for each calendar day of delay until the work is satisfactorily completed.

**PAYMENT**

Payment shall be made to the Contractor for work performed under this Contract for the quantities of work as determined in accordance with Payments for Work Completed and Payments Withheld of this Contract. Payment for extra work will be made in accordance with Extra Work and Charges and Payments for Work Completed of this Contract.

**CLAIMS FOR EXTRA COST**

If the Contractor claims that any changes in the work or any instructions by means of drawings or otherwise involve extra cost, he/she shall give the City Manager or designee written notice thereof within a reasonable time after receipt of such instructions or of notice of such changes and, in any event, before proceeding to carry out such instructions or to put such changes into effect, except in case of emergency endangering life or property. In all cases the Contractor shall keep a correct account of the extra cost in such form as the City Manager or designee may direct and shall present such account supported by receipts to the City Manager or designee. The City shall be entitled to reject any claim for extra cost concerning which the foregoing procedure is not followed.

**PAYMENTS FOR WORK COMPLETED**

Partial payments will be made as the work progresses at the end of each calendar month, or as soon thereafter as practicable on estimates made by the City Manager or designee and as approved by the City, provided that the Contractor is performing the overall job in a diligent manner. In making partial payments, there shall be retained ten percent (10%) on the amount of each estimate until final completion and acceptance of all work covered by the Contract. Upon completion and acceptance of the work, the City Manager or designee shall issue a certificate that the work has been completed and accepted by him under the conditions of this Contract, and shall make and approve the final estimate of the work. The entire balance found to be due the Contractor, including that retained by the City, should be paid to the Contractor. Such payment shall be conditioned, however, upon the submission by the Contractor of evidence satisfactory to the City that all claims for labor, material, and any other outstanding indebtedness in connection with this Contract have been paid. Such payment shall also be conditioned upon approval and acceptance of the construction and improvements by the City.

If after the work has been substantially completed, full completion thereof is materially delayed through no fault of the Contractor and the City Manager or designee so certifies, the City shall upon the Certificate of the City Manager or designee, and without terminating the Contract make payment for the balance due for that portion of the work fully completed and accepted. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of claim if such delay occurs and payment is made under this clause, the Contractor shall nevertheless be prepared to complete the work in a timely manner upon the remedy or removal of such delay, and shall be bound under this Contract for the completion of such work unless this Contract is otherwise terminated.

**PAYMENTS WITHHELD**

The City Manager or designee may withhold, or, on account of subsequently discovered evidence, nullify the whole or part of any estimate to such extent as may be necessary to protect the City from loss on account of:

- (a). Defective work not remedied
- (b). Claims filed or reasonable evidence indicating probable filing of claims
- (c). Failure of the Contractor to make payments properly to Subcontractors or for material or labor.
- (d). A reasonable doubt that the Contract can be completed for the balance then unpaid.
- (e). Damage to another Contractor.

(f). Failure of the Contractor to keep his/her work progressing in accordance with his/her time schedule.

### **FINAL ESTIMATES**

Upon the completion and acceptance of the work, the City Manager or designee shall issue a certificate that the whole work provided for in this Contract has been completed and accepted by him under the conditions and the terms thereof and shall make the final estimate of the work. After issuance of the certificate, the entire balance found to be due the Contractor including said retained percentage but the City in accordance with existing state laws as may be retained lawfully by said City, shall pay excepting such sums to the Contractor

Before the approval of the final estimate, the Contractor shall submit evidence satisfactory to the City that all payrolls, materials, bills and outstanding indebtedness in connection with this Contract have been paid.

### **LIENS**

If at any time there shall be evidence of any lien or claim for which the City might become liable and which is chargeable to the Contractor, the City shall have the right to retain out of any payment then due or thereafter to become due, an amount sufficient for complete indemnification against such lien or claim. In the event the City has already paid to the Contractor all sums due under this contract or the balance remaining unpaid is insufficient to protect the City, the Contractor and his Surety shall be liable to the City for any loss so sustained.

### **RESPONSIBILITY OF THE CITY MANAGER OR DESIGNEE**

The term "City Manager or designee" wherever used in this Contract shall be the City of St. Pete Beach or its duly authorized representative. Notices of any change in the City Manager or designee shall be given in writing by the City to the Contractor. The City Manager or designee shall have full authority to interpret the Plans and Specifications and shall determine the amount, quality, and acceptance of the work and supplies to be paid for under this Contract and every question relative to the fulfillment of the terms and provisions therein. It shall be the duty of the City Manager or designee to enforce the Plans and Specifications in a fair and unbiased manner.

If a variation from any requirements is allowed the City Manager or designee shall grant the same in writing with the reasons for his action outlined, and such action will not invalidate or change the Contract in any other manner.

### **INTENT OF PLANS AND SPECIFICATIONS**

The Contractor shall keep on the job a copy of the Plans and Specifications and shall at all times give the City Manager or designee access thereto. Anything mentioned in the Specifications and not shown on the Plans or shown on the Plans and not mentioned in the Specifications, shall be of like effect as if shown or mentioned in both. The Contractor shall not take advantage of any errors, discrepancies or omissions that may exist in the Plans and Specifications, but shall immediately call them to the attention of the City Manager or designee whose interpretation or correction thereof shall be conclusive. Should a conflict occur between the General Specifications and any Supplemental Specifications and/or Plans, the latter shall govern. Detailed Specifications inserted elsewhere in these specifications govern the construction of the work to be done on this project only.

### **LICENSES AND PERMITS**

The Contractor shall obtain and pay for all necessary City licenses and work permits and shall faithfully comply with all laws, ordinances and regulations, (Federal, State or local) which may be applicable to the operations to be conducted hereunder. Chapter II, Section II-4, "Registration of Licenses Obtained From Other Municipalities:" "...Persons, partnerships, corporations, or other business entities doing business with the City who are not required to obtain a City occupational license, but who must have either a State or County or Municipal occupational license from another municipality, shall register such occupational license with St. Pete Beach Community Development Department. The City may charge a fee for such registration." The Contractor shall be responsible for obtaining all City, County, State and Federal permits required by those government agencies and must provide documentation of receipt of those permits prior to project commencement. This shall include a notice to commence work letter and the applicable fee, if required. Any sub-contractor hired by the contractor awarded the project, MUST also register their license with the City.

## **SUPERINTENDENCE**

The Contractor shall constantly superintend all the work embraced in this Contract in person or by a responsible agent who shall have in writing, full authority to act for him/her and to carry out all the instructions given by the City Manager or designee.

## **LABOR PROVISIONS**

The Contractor and his Subcontractors shall discharge, whenever ordered to do so by the City Manager or designee, any employee who is disorderly or whose conduct in the opinion of the City Manager or designee is detrimental to the prosecution of the work. No person whose age or physical condition is such as to make this employment dangerous to his/her health and safety or to the health and safety of others shall be employed on the work, and in no event shall any persons under the age of sixteen (16) years be employed. The State of Florida prevailing wage law requires that the Contractor shall fully comply with all provisions contained in Section 215.19, "Schedule of Prevailing Wage Rates for Specified Public Construction." The wage rates set forth by such determination shall apply to this project.

## **LIABILITY INSURANCE**

The Contractor shall procure and maintain at his/her own expense, during the life of this Contract, liability insurance as hereinafter specified. All such insurance shall be subject to the approval of the City for adequacy of protection, and shall include a provision preventing cancellation without twenty (20) days prior notice to the City in writing. The City shall be included as an additional insured on all liability insurance. The liability insurance required is as follows: Contractor's General Public Liability and Property Damage Insurance issued to the Contractor and protecting the Contractor from all claims for personal injury, including death, and all claims for destruction of or damage to property, arising out of or in connection with any operations under this Contract, whether such operations be by the Contractor or by any Subcontractor hired by the Contractor or anyone directly or indirectly employed by the Contractor or by a Subcontractor or hired by the Contractor.

The successful Contractor supply and maintain insurance which defends, indemnifies and holds harmless the City of St. Pete Beach, its officers, employees and agents from and against any and all liability, damage claims, demands, costs, judgments, fees, attorney's fees or loss arising directly out of acts or omissions hereunder by the contractor or third party under the direction or control of the contractor. Such general and excess liability coverage shall be primary to any other coverage carried by the City of St Pete Beach. Contractor must furnish the City with Certificate of Insurance prior to commencement of work. An approved Certificate of Insurance furnished by the contractor's carrier to guarantee the contractor being insured with the City of St Pete Beach must be named as a certificate holder for this contract. The following minimum coverage:

Commercial Liability Insurance \$1,000,000.00.  
Comprehensive General Liability Insurance of \$1,000,000.00 each occurrence.  
Personal Injury for \$1,000,000.00 each occurrence.  
Automobile Liability \$1,000,000.00.

General Workers Compensation Insurance as required by Florida law.  
Builder's Risk Insurance.  
Marine General Liability Insurance including Longshore Harbor Worker's Compensation.

## **PROTECTION OF WORK AND PROPERTY**

The Contractor shall continuously maintain adequate protection of all his/her work and materials from damage or theft and shall protect the City's property and all adjacent property from injury or loss arising in connection with activities under his/her Contract. The Contractor shall make good any such damage, injury, or loss, except such as may be caused by agents or employees of the City.

The Contractor shall take, use, provide, and maintain all necessary precautions, safeguards, and protection to prevent accidents, or injury to persons or property on, about, or adjacent to the site of the work. Should the situation arise that physical security is needed the Contractor will provide security on off days and holidays. The Contractor shall be responsible for all charges incurred with such action.

The Contractor shall post danger signs warning against any hazards created by the work being done under his/her Contract. He/She shall designate a responsible member of his/her organization on the work, whose

duty shall be the prevention of accidents, and the name of the person so designated shall be reported to the City Manager or designee and City in writing. In an emergency affecting the safety of life, or of the work or adjoining property, the Contractor, without special instruction or authorization from the City Manager or designee or City, is hereby permitted to act, at his/her own discretion, to prevent such threatened loss or injury, and he/she must take such action if so instructed or authorized by the City Manager or designee. The Contractor shall also protect adjacent property as required by law.

#### **PARKING**

Arrange with owner for temporary parking areas to accommodate construction personnel and construction equipment.

#### **TRANSPORTATION, HANDLING and STORAGE**

Transport, handle, protect and store products in accordance with manufacturer's instructions and all environmental regulatory agencies.

#### **VEHICLES**

Business vehicles shall be identified on both sides with the name of the company or firm operating the vehicle.

#### **ENVIRONMENTAL PROTECTION**

It shall be the Contractor's responsibility to implement construction methods, best management practices, and erosion control methods that avoid water pollution as required by the State of Florida Department of Environmental Protection, City of St. Pete Beach and Pinellas County. Any Contractors in violation of the City of St. Pete Beach Regulations, Pinellas County Regulations, Florida Department of Environmental Protection Regulations or any other regulatory agency regulations shall be the sole responsibility of the Contractor. The Contractor shall hold harmless the City of St. Pete Beach and the City Manager or designee from any fines and litigation resulting from the Contractor's actions. The Contractor shall pay all attorneys' fees, fines, penalties and any other such expenses resulting from the Contractor's actions. The Contractor shall provide all necessary measures to prevent any materials whatsoever from entering the waterway except for those materials, which are shown, on the plans as completed structures. The Contractor shall provide MSDS sheets to the City Manager or Designee on all applicable materials before applying those materials. The contractor shall secure the necessary education, certifications, licenses and permits required by state and local agencies to operate and manage a construction site. The contractor shall abide by all rules and regulations set forth and required by the City of St. Pete Beach's MS4 NPDES Permit.

#### **TIMELY DEMAND FOR STAKES AND INSTRUCTIONS**

The Contractor shall provide reasonable and necessary materials, opportunities and assistance for setting stakes and making measurements, including the furnishing of a rodman, or a chainman at intermittent times during the construction period. He /she shall not proceed until he/she has received such stakes and instructions as may be necessary as the work progresses. The work shall be done in strict conformity with such stakes and instructions. The Contractor shall carefully preserve bench marks, reference points and stakes, and in case of willful or careless destruction, he /she will be charged with the resulting expense and shall be responsible for any mistakes that may be caused by their unnecessary loss or disturbance.

#### **WORKMANSHIP**

The Contractor acknowledges that he/she has satisfied himself/herself as to the nature and location of the work; the general and local conditions including but not restricted to those bearing upon transportation, disposal, handling and storage of materials; availability of labor, water, electric power, roads; and uncertainties of weather, surface conditions, subsurface conditions, tides or similar physical conditions at the site, the character of equipment and facilities required to prosecute the work. Any failure by the Contractor to acquaint himself/herself with any aspect of the work or with any of the applicable conditions shall not relieve the Contractor from the responsibility to successfully perform the work under the Contract Documents, nor shall it be considered the basis for any claim for additional time or compensation.

#### **UTILITIES**

The Contractor shall anticipate all underground obstructions such as water lines, gas lines, sewer lines, utility lines, or any other public or private facility concrete and debris. In all cases where existing utility lines may be interfered with by the work, the Contractor shall give a minimum of thirty six (36) hours' notice to the

owners of such utilities, to permit them to relocate the lines prior to construction. No extra payment shall be allowed for the removal, replacement, repair or possible increased cost caused by underground obstructions. The location of existing structures and utilities provided in the plans are approximate only. Any damage to existing structures to remain or work of any kind shall be repaired or restored promptly by, and at the expense of the Contractor.

The Contractor shall at all times protect all desirable trees, plants, curbs, sidewalks, irrigation components, and structures not requiring removal to accomplish the work, whether or not they are shown on the plans. The Contractor must contact the City to obtain tree removal permits for the removal of any tree.

In matters of restoration all materials, construction and workmanship shall be acceptable to the City of St. Pete Beach and the City Manager or designee. No changes in size, shape, configuration, location, materials or construction shall be made without prior written authorization from the City Manager or designee. Any demolition debris and other debris shall be hauled offsite and properly disposed of by the Contractor and shall be inclusive to the prices as stated in the BID SCHEDULE, unless otherwise stipulated as part of the project to remain.

No interruption of ingress and egress to private property shall be made unless the Contractor has made prior arrangements acceptable to the owner of the affected property. At the direction of the City Manager or his designee the Contractor shall be required to notify affected residents/property owners of impending activity or inconvenience via door hanger.

The Contractor shall provide all traffic control devices utilized during construction and meet the requirements set forth in the Florida State Department of Transportation "Manual on Traffic Control and Safe Practices for Street and Highway Construction, Maintenance, and Utility Operations."

#### **CLEANING UP**

Upon completion or termination of the work the Contractor shall, as directed by the City Manager or designee, remove from the vicinity of the work all equipment and temporary structures, waste materials and rubbish resulting from his operations, leaving the premises in a neat and presentable condition. All debris generated by the Contractor will be removed before leaving the area. All areas will be raked to remove smaller debris. All surrounding sidewalks, parking lots and roadways will be cleared of any dust or debris generated by the Contractor. In the event of his/her failure to do so, the City at the expense of the Contractor may do the same, and his/her Surety shall be responsible therefore.

#### **CONTRACTOR'S RIGHT TO STOP WORK OR TERMINATE CONTRACT**

If the work shall be stopped under an order of any court or other public authority for a period of three (3) months through no act or fault of the Contractor or of anyone employed by him/her, then the Contractor may on seven (7) days written notice to the City and the City Manager or designee stop work or terminate this Contract and recover from the City payment for completed bid items and any losses sustained, and a reasonable profit. If the City Manager or designee shall fail to issue any certificate for payment within ten (15) days after it is due, or if the City shall fail to pay the Contractor within thirty (30) days after its maturity and presentation any sum certified by the City Manager or designee, then the Contractor may on seven (7) days written notice to the City and the City Manager or designee stop work and give written notice of intention to terminate this Contract. If the City shall thereafter fail to pay the Contractor within seven (7) days after receipt of such notice, then the Contractor may terminate the Contract and recover from the City payment for completed bid items and any losses sustained, and a reasonable profit.

#### **DEFECTIVE WORK OR MATERIAL**

**The Contractor shall promptly remove from the premises all work and materials condemned by the City Manager or designee as failing to conform to the Contract, whether incorporated or not, and the Contractor shall promptly replace and re-execute his own work in accordance with the Contract and without expense to the City and shall bear the expense of making good all work of other Contractors destroyed or damaged by such removal or replacement.**

If the Contractor does not remove such condemned work or materials within a reasonable time after notice, the City may remove them and store the materials at the expense of the Contractor. If the Contractor does not pay the expense of such removal within ten (10) days' time thereafter, the City may, upon thirty (30) days written notice sell such materials at auction or at private sale and shall account for the net proceeds

thereof after deducting all the costs and expenses that should have been borne by the Contractor.

### **DISPUTE RESOLUTION**

This Contract shall be construed under Florida law. The parties agree that all controversies, claims and other matters in question between the parties arising out of or relating to this Contract or its breach shall be resolved through mediation. Upon notice of any party to the Contract of a dispute, question or controversy, the parties shall agree to the appointment of a qualified mediator. A qualified mediator is a person who has received at least forty (40) hours of mediation training and has actual experience as a mediator in resolving contract disputes. If the dispute, question or controversy is not resolved through mediation within sixty (60) days of a notice of the dispute between the parties, in that event, the controversy shall be submitted to arbitration administered by the American Arbitration Association under its commercial Arbitration Rules, and judgment on the award rendered by the arbitrator(s) may be entered in any court having jurisdiction thereof.

### **INDEMNITY**

The Contractor shall indemnify and save harmless the City, and the City's agents and employees, from and against all losses and all claims, demands, payments, suits, actions, recoveries, and judgments of every nature and description brought or recovered against them by reason of any action or omission of the said Contractor, his agents, or employees, in the execution of the work or in guarding the same.

### **GENERAL WARRANTY**

Neither the final certificate nor any provision in the Contract Documents nor partial or entire occupancy of the premises by the City shall constitute an acceptance of work not done in accordance with the Contract Documents or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall remedy any defects in the work and pay for any damage to other work resulting there from that shall appear within a period of eighteen (18) months from the date of final acceptance of the work, unless a longer period is specified. The City shall give notice of observed defects with reasonable promptness.

### **LAND OF CITY, USE OF, BY CONTRACTOR**

The City shall provide the land upon which the work under this Contract is to be done, and will, so far as is convenient, permit the Contractor to use as much of the land as is required for the erection of temporary construction facilities and storage of materials, together with the right of access to same, but beyond this, the Contractor shall provide, at his/her cost and expense, any additional land required. It will be the responsibility of the Contractor to repair or restore to the satisfaction of the City, at their own expense, any damage to land used for the above stated activities or any other activities approved by the City.

### **OTHER WORK**

Wherever work being done by the City or by other Contractors is contiguous to work covered by this Contract, the respective rights of the various interests involved shall be established by the City Manager or designee to secure the completion of the various portions of the work in general harmony.

### **OTHER CONTRACTS**

The City may award other Contracts. The Contractor shall fully cooperate with such other Contractors and carefully fit his/her own work to that provided under other Contracts, as may be with the performance of work by any other Contractor or City.

### **DELAYS AND EXTENSION OF TIME**

If the Contractor should be delayed at any time in the progress of the work by an act or neglect of the city or the City Manager or designee, or of any employee of either, or by any separate Contractor employed by the City, or by changes ordered in the work, or by strike, lockouts, fire, unusual delay in transportation, unavoidable casualties, or any cases beyond the Contractor's control, or by delay authorized by the City Manager or designee, or by any cause which the City Manager or designee shall decide to justify the delay, then the time of completion shall be extended for such reasonable time as the City Manager or designee may decide. No such extension shall be made for a delay that occurs more than seven (7) days before a claim is made in writing to the City Manager or designee. In the case of a continued cause of delay, only one (1) claim is necessary. This section does not exclude the recovery of damages for delay by either party under other provisions in the Contract Documents.

### **CITY'S RIGHT TO TAKE OVER THE WORK**

If the Contractor shall be adjudged bankrupt, or if he/she should make a general assignment for the benefit of his/her creditors, or if a receiver should be appointed to take over his/her affairs, or if he /she should fail to prosecute his/her work with due diligence and carry the work forward in accordance with his/her work schedule and the time limits set forth in the Contract Documents, or if he/she should fail to substantially perform one or more of the provisions of the Contact Documents to be performed by him, the City may serve written notice on the Contractor and the Surety on his/her performance bond, stating its intention to exercise one of the remedies hereinafter set forth and the grounds upon which the City bases its right to exercise such remedy. In any event, unless the matter complained of is satisfactorily cleared within ten (10) days after the service of such notice, the City may, without prejudice to any other right or remedy exercise one of such remedies at once; having first obtained a certificate from the City Manager or designee that such sufficient cause exists to justify such action.

- (a) The City may terminate the services of the Contractor, which termination shall take effect immediately upon service of notice thereof on the Contractor and his Surety, whereupon the Surety shall have the right to take over and perform the Contract. If the Surety does not commence performance of the Contract within ten (10) ten days after service of the notice of termination, the City may itself take over the work, take possession of and use all materials, tools, equipment, and appliances on the premises and prosecute the work to completion by such means as it shall deem best. In the event of such termination of his service, the Contractor shall not be entitled to any further payment under his Contract until the work is completed and accepted. If the City takes over the work and if the unpaid balance of the Contract price when the City takes over the work exceeds the cost of completing the work, including compensation for damages or expenses incurred by the City through the default of the contractor, such excess shall be paid to the Contractor. In such event, if such cost, expenses, and damages shall exceed such unpaid balance of the Contract price, the Contractor and his Surety shall pay the difference to the City. The City Manager or designee shall certify such cost, expenses, and damages.
- (b) The City may take control of the work and either make good the deficiencies of the Contractor itself or direct the activities of the Contractor in doing so, employing such additional help as the City deems advisable. In such event, the City shall be entitled to collect from the Contractor and his Surety, or to deduct from any payment then or thereafter due the Contractor, the costs incurred by it through the default of the Contractor, provided the City Manager or designee approves the amount thus charged to the Contractor.
- (c) The City may require the Surety on the Contractor's bond to take control of the work at once and see to it that all deficiencies of the Contractor are made good with due diligence. As between the City and the Surety, the cost of making good such deficiencies shall all be borne by the Surety. If the Surety takes over the work, either upon termination of the services of the Contractor or upon instructions from the City to do so, the provisions of the Contract Documents shall govern in respect to the work done by the Surety, the Surety being substituted for the Contractor as to such provisions, including provisions as to the payment for the work and provisions of this section as to the right of the City to do the work itself or to take control of the work.

### **RIGHT OF OCCUPANCY**

The City shall have the right, if necessary, to take possession of and to use any completed or partially completed portions of the work, if such use be approved by the City Manager or designee even if the time for completing the entire work or such portions of the work has not expired and even if the work has not been finally accepted. Such possession and use shall not constitute an acceptance of such possession and use if it materially interferes with the Contractor's operations. The City shall also have the right to enter the premises with the Contractor for the purpose of doing work not covered by its Contract.

### **ACCEPTANCE**

Final inspection and acceptance of the work shall be made for the City by the City Manager or designee. Such inspection shall be made as soon as practical after the Contractor has notified the City in writing that the work is ready for such inspection.

### **WAIVER**

It is expressly understood and agreed that any waiver granted by the City Manager or designee or the City of any term, provision or covenants of this Contract shall not constitute a precedent or breach of the same or any other terms, provisions, or covenants of this Contract. Neither the acceptance of the work by the City nor the payment of all or any part of the sum due the Contractor hereunder shall constitute a waiver by the

City of any claim which the City may have against the Contractor or Surety under this Contract or otherwise.

### **INSPECTION**

The City Manager or designee and his representative shall, at all times, have access to the work during its construction and shall be furnished with every reasonable facility for ascertaining that the stock and materials used and employed, and the workmanship, are in accordance with the requirements and intentions of the Plans. All work done and all materials furnished shall be subject to their inspection and approval by the City Manager or his designee. If any work should be covered up without approval or consent of City Manager or designee, it must, if required by the City Manager or designee, be uncovered for examination at the Contractor's expense.

The City Manager or designee may order re-examination of questioned work and if so ordered, the Contractor must uncover the work. If such work were found in accordance with the Contract Documents, the City shall pay the cost of re-examination and replacement. If such work be found not in accordance with the Contract Documents, the Contractor shall pay such cost unless he /she shall show that the defect in the work was caused by another Contractor, and in that event, the City shall pay such cost.

The inspection of the work shall not relieve the Contractor of any of his/her obligations to fulfill his/her Contract as prescribed, and defective work shall be made good and unsuitable materials shall be rejected, notwithstanding that such defective work and materials have been previously overlooked and accepted on estimates for payment. All work shall be tested to the satisfaction of the City Manager or designee before acceptance.

### **AS-BUILTS**

As-Built drawings must be submitted on CD in .PDF file format.

### **BID REVIEW AND CONTRACT AWARD**

The following criteria may be used in selection of the contractor (listed in no specific order): qualifications, competitive bid price, and demonstrated successful ability to complete similar projects as verified through references. Failure to submit all documents requested at the time of bid may deem the contractor's bid ineligible for award. The City of St. Pete Beach reserves the right to reject any or all proposals or parts of proposals or accept any proposal or part thereof deemed to be in the best interests to the City of St. Pete Beach. The City of St. Pete Beach also retains the right of selecting separate contractors for any particular item. The City shall be the sole final judge of qualifications of the bidder to perform service and reserves the exclusive right to accept or reject any bid proposals as it deems to be in the best interests of the City.

### **LOCAL, STATE AND FEDERAL COMPLAINT REQUIREMENTS**

The laws of the State of Florida do apply to any purchase made under this Request for Proposal. Proposers shall comply with all local, state, and federal directives, orders and laws as applicable to their proposal and subsequent contracts include but not limited to Equal Employment Opportunity, Minority Business Enterprise, and OSHA as applicable to this contract.

### **A PROVISION FOR OTHER AGENCIES**

Unless otherwise stipulated by the proposer, the proposer agrees to make available to all Government agencies, departments, and municipalities the proposal prices submitted in accordance with said proposal terms and conditions therein, should any said governmental entity desire to buy under this proposal. Eligible users shall meet all State of Florida agencies, the legislative and judicial branches, political subdivisions (counties, local district school boards, community colleges, municipalities, or other public agencies or authorities), which may desire to purchase under the terms and conditions of this contract.

### **BID BOND**

This project will require a 5% bid bond to be submitted with the proposal.

### **RESERVES THE RIGHT**

The City reserves the right to accept or reject any and/or all proposals, to waive irregularities and technicalities, and to request re-submission. If only one proposal is received by the bid date and time listed, the proposal may or may not be rejected by the City depending upon bid review, available competition, and the needs of the City.

The City reserves the right to select a firm with or without interviews, and may decide to select any of the firms submitting proposals. The City reserves the right to award the contract to a responsible proposer submitting a responsible proposal, with a resulting negotiated agreement which is most advantageous and in the best interest of the City.

Proposers, bidders, their agents, and associates shall not contact or solicit any City Commission member, City employee, or official regarding this RFP during any phase of the bidding process. Failure to comply with the provision may result in disqualification of the bidder, at the option of the City. Only that individual listed, or an approved designee, as the contact person for this RFP shall be contacted.

### III. REFERENCES & QUALIFICATIONS

Provide at least (3) three or more professional, business references with which you have contracted to provide similar services in the past (5) five years. Include the name of the person, their organization and telephone number, fax number, and e-mail address. Include any governmental agencies, with the same contact and descriptive information for which you have provided similar service within the past (5) five years.

Provide a brief description of the history and capabilities of the firm. Describe the types of projects or services the firm performs/has performed and the dollar value of each. Provide information regarding your firm's ability to complete this project. Demonstrate that the firm's personnel have experience with similar projects.

Identify all unresolved and ongoing claims and disputes against your firm in excess of \$500,000. Include any claims against the principals of your firm or any claims your company may have against a third party. Provide a history of litigation, including the outcomes, for the past (5) five years.

The responding firm shall provide a statement of assurance that the firm is not presently in violations of any statutes or regulatory rules that might have an impact on the firms operations. All applicable laws and regulations of the State of Florida and ordinances and regulations of the City of St. Pete Beach will apply.

Provide the overall bonding capacity for the company and provide a history of any claims against the bidder's previous bonds for the past five years.

The City shall be the sole final judge of qualifications of bidder to perform service and reserves the exclusive right to accept or reject any bid proposals as it deems to be in the best interests of the City. The City reserves the right to make such investigation, as it deems necessary, to determine the ability of any proposer to perform the work or service requested.

**IV.  
CERTIFICATE OF INSURANCE**

**INSURANCE**

Include in proposal an approved Certificate of Insurance furnished by the contractor's carrier to guarantee the contractor is insured. **Some insurance coverage requirements may not be applicable to all RFPs and contracts.**

**AWARD OF CONTRACT**

The Contactor must file with the City of St Pete Beach certificates of insurance prior to commencement of work evidencing the City as a certificate holder with the following minimum coverage:

- Commercial Liability Insurance \$1,000,000.00.
- Comprehensive General Liability Insurance of \$1,000,000.00 each occurrence.
- Personal Injury for \$1,000,000.00 each occurrence.
- Automobile Liability \$1,000,000.00.
- General Workers Compensation Insurance as required by Florida law.
- Builder's Risk covering full value of the project with no coinsurance provision.
- Marine General Liability Insurance including Longshore Harbor Worker's Compensation (*seawall, dock, and other waterway projects only*)

**V.**  
**PERFORMANCE BOND**  
**(EXAMPLE)**

The Bidder shall, if awarded the contract, enter into a written Contract with the City of St. Pete Beach, Florida, and furnish a Contract Performance Bond in an amount equal to One-Hundred Percent (100%) of the bid for the performance of said Contract. Said Performance Bond shall be furnished within 10 consecutive calendar days after written notice being given of the award of the Contract.

STATE OF FLORIDA  
COUNTY OF PINELLAS  
CITY OF ST. PETE BEACH

BY THIS BOND, we, \_\_\_\_\_

\_\_\_\_\_  
(Contractor)

And

\_\_\_\_\_  
(Surety), are held and firmly bound unto the City of St. Pete Beach, Florida, (hereinafter called "City"), in the sum of:

\_\_\_\_\_  
\$ \_\_\_\_\_, Lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presence:

THE CONDITION OF THIS BOND is that if Contractor:

1. Performs the Contract dated \_\_\_\_\_ between Contractor and City for construction of Project No. \_\_\_\_\_, also known as \_\_\_\_\_ the contract being made a part of this Bond by reference, at the times and in the manner prescribed in the Contract; and
2. Promptly makes payments to all claimants, as defined in Section 255.051 (1), Florida Statutes; supplying Contractor with labor, materials, or supplies, used directly or indirectly by Contractor in the prosecution of the work provided for in the contract; and
3. Pays City all losses, damages, expenses, costs, and attorney's fees, including appellate proceedings, that City sustains because of a default by Contractor under the Contract; and
4. Performs the guarantee of all work and materials furnished under the Contract for the time specified in the Contract, then this Bond is void; otherwise it remains in full force; and

Any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this Bond.

IN WITNESS WHEREOF, the said

\_\_\_\_\_  
As Contractor herein has caused these presence to be signed in its name by its

\_\_\_\_\_  
Under its Corporate Seal, and the said

\_\_\_\_\_  
As Surety herein has caused these presence to be signed in its name by its

\_\_\_\_\_  
Under its Corporate Seal,

This \_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

**CONTRACTOR:**

**WITNESS**

\_\_\_\_\_  
BY:

TITLE:

(SEAL)

**SURETY:**

**WITNESS**

\_\_\_\_\_  
**BY:**

TITLE:

(SEAL)

**VI.**  
**CITY OF ST. PETE BEACH, FLORIDA**  
**PURCHASING AGREEMENT**

THIS AGREEMENT is hereby executed this \_\_\_ day of \_\_\_\_\_, 20\_\_\_, between the CITY OF ST. PETE BEACH, FLORIDA (hereinafter "CITY") and \_\_\_\_\_ (hereinafter "VENDOR"), as follows:

WHEREAS, City is desirous of purchasing from Vendor the goods or services described in this agreement; and

WHEREAS, Vendor is in the business of providing the goods or services described herein, and has submitted an appropriate proposal to the City to provide the same; and

WHEREAS, this agreement has been properly approved by the appropriate authority of the City and the Vendor.

NOW, THEREFORE, upon the mutual covenants contained herein, and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties hereto hereby agree to the following:

1. City hereby agrees to purchase, and Vendor hereby agrees to sell or provide, the goods or services described in the proposal attached hereto and incorporated herein.

2. Vendor shall deliver the goods, or provide the services, described herein no later than \_\_\_\_\_.

3. Time is of the essence in the performance of this contract. City shall be entitled to liquidated damages in the amount of \$\_\_\_\_\_ per day, for each day subsequent to the date set forth in paragraph 2 hereof that Vendor has failed to properly and completely deliver all of the goods or provide all of the services herein specified. Vendor specifically acknowledges that the foregoing sum is reasonable and does not constitute a penalty.

4. Upon Vendor's satisfactory delivery of the goods, or full performance of the services, or in accordance with the payment schedule provided in the attached proposal, City shall pay Vendor the sum of \$\_\_\_\_\_, as full consideration for the goods or services provided hereunder.

5. Vendor fully warrants the title to any goods provided hereunder, and agrees to defend the same against all claims whatsoever. At the time of delivery, Vendor shall furnish to the City a bill of sale absolute, with full warranties, or other evidence of title transfer satisfactory to the City, for the goods specified herein.

6. Vendor expressly warrants that all goods delivered hereunder are of merchantable quality and fit for the purpose for which the City has purchased the same. Vendor further warrants that any defects in the goods shall be properly repaired by Vendor for a period of \_\_\_\_\_ months from final delivery, including all parts and labor associated with said repairs.

7. City reserves the right to reject any defective goods, notwithstanding City's payment of the purchase price provided herein.

8. Vendor fully warrants that all services provided hereunder have been provided in a good and workmanlike manner. Vendor guarantees said services for a period of \_\_\_\_\_ months from the date of final performance. Vendor shall provide all labor and materials necessary to repair any defective workmanship reported to Vendor within said guarantee period.

9. To the extent that this agreement requires Vendor to provide any services of any kind, Vendor and all of Vendor's subcontractors shall maintain public liability insurance in a combined single limit for bodily injury and property damage in the amount of not less than \$1,000,000.00, satisfactory to the City Manager of City, naming the City as additional insured and providing coverage up through and including the final performance of any services provided hereunder. Vendor and all of Vendor's subcontractors shall maintain in full force and affect a policy of worker's compensation insurance for all of Vendor's employees in accordance with applicable state and federal law. Said insurance coverage shall include employer's liability with a single limit of \$100,000.00 per accident or occurrence. Vendor shall present City with a certificate for all of the foregoing insurance, at the time of executing this agreement and at such other times requested by the City. The Vendor waives all rights against the City, the City's consultants, separate contractors, if any, and any of its subcontractors, agents and employees, for damages caused loss to the extent covered by insurance described herein and obtained pursuant to this Section or other property insurance applicable to the services and product provided under this Contract. The City shall require of the Vendor, Vendor's consultants, separate contractors, if any, and the subcontractors, sub-subcontractors, agents and employees of any of them, by appropriate agreements, written where legally required for validity, similar waivers each in favor of other parties enumerated herein. The policies shall provide such waiver of subrogation by endorsement other otherwise. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, did not pay the insurance premium directly or indirectly, and whether or not the person or entity had an insurable interest in the property damaged.

10. In consideration of the payment of ten dollars as part of the above purchase price, Vendor shall indemnify, defend and hold the City harmless for itself, its employees, agents and assigns, from and against any and all losses, claims, damages, suits, actions, or demands, including attorney's fees and costs of litigation through all appellate proceedings, arising from the performance or non-performance of this agreement, whether caused in part by the City or not.

11. This Agreement shall be binding upon the parties, their successors, assigns, and legal representatives. Vendor shall not assign or otherwise transfer any of the rights or duties under this Agreement, without the express written consent of the City.

12. This document embodies the entire agreement of the parties. There are no promises, terms, conditions, or representations binding on either party hereto, other than those contained herein; and this document shall supersede all previous communications, representations, and/or agreements between the parties hereto, whether written or oral. This Agreement may be modified only in writing executed by all parties. This agreement shall be construed according to

the laws of Florida, and venue for any action arising here from shall be in Pinellas County, Florida.

13. The prevailing party in any action to enforce or interpret this agreement shall be entitled to reasonable attorney's fees incurred through all appellate proceedings.

14. Vendor hereby acknowledges that the person executing this agreement on behalf of Vendor has the full authority to do so and to bind Vendor to the terms hereof.

15. Any notices provided hereunder shall be sent to the parties at the following addresses and shall be considered properly delivered when placed in the U.S. mail, postage prepaid, certified return receipt requested:

As to Vendor:

\_\_\_\_\_  
\_\_\_\_\_

As to City:

City Manager  
City of St. Pete Beach, Florida  
155 Corey Avenue  
St. Pete Beach, Florida 33706

16. To the extent that any terms in the attached proposal conflict with the terms of this agreement, the terms of this agreement shall control and supersede such conflicting terms in the attached proposal, to the extent of such conflict.

17. The following sections, paragraphs or provisions of the attached proposal are hereby deleted from this agreement and shall be of no force or effect:

\_\_\_\_\_  
\_\_\_\_\_

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed on the day and year first above written.

\_\_\_\_\_  
Vendor

CITY OF ST. PETE BEACH, FLORIDA

BY \_\_\_\_\_

BY \_\_\_\_\_  
CITY MANAGER

\_\_\_\_\_  
NAME, TITLE (typed or printed)

APPROVED AS TO FORM:

ATTEST:

\_\_\_\_\_  
MIKE DAVIS  
CITY ATTORNEY

\_\_\_\_\_  
CITY CLERK

VII.

**Bidder's Checklist**



Bidder's Check List

- Bidder's Contract Proposal Form
- Bid Schedule, Price, and Product Information
- Project Schedule
- References and Qualifications (Three or More)
- Certificate of Insurance
- Bond (if required - refer to RFQ)
- Contractor Proof of License
- List of Subcontractors (also include Subcontractors License and Insurance Information)
- Contractor Education and Training
- Acknowledgement of Addenda

Contractor: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Contact Number: \_\_\_\_\_

*The City of St. Pete Beach reserves the right to reject any or all proposals or parts of proposals or to accept any proposal or part thereof deemed to be in the best interests to the City of St. Pete Beach. The City of St. Pete Beach also retains the right of selecting separate contractors for any particular repair items, if applicable. Failure to submit the required bid submittals could result in a contractor's bid being deemed incomplete, nonresponsive, or non-compliant with bid specifications and will not be reviewed for price or eligible for contract award.*

**VIII.**

**Contractor Education**



**City of St. Pete Beach**  
Public Services Department  
155 Corey Avenue  
St. Pete Beach, Florida 33706-1839  
Phone: 727-363-9254 \* Fax: 727-367-2736  
[www.stpetebeach.org](http://www.stpetebeach.org)

## **Contractor Education & Training**

In concurrence with NPDES MS4 requirements, our staff has reviewed information and training materials on the topic of erosion and sediment control, illicit discharges, along with spill prevention and response as provided by the City of St. Pete Beach through the website and video links provided below.

### **Illicit Discharges:**

[Illicit Discharges](#) [Illicit Discharge Training Video - Part 1](#) [Illicit Discharge Training Video - Part 2](#)

### **Construction Activities & BMPs:**

[Discharges from Construction Activities](#) [Construction Site Stormwater Runoff Control](#)  
[BMP Inspection and Maintenance](#) [Stormwater and the Construction Industry](#)

### **Erosion and Sedimentation Control:**

[Erosion and Sedimentation Control](#)

### **Spill Prevention and Control:**

[Spill Prevention and Control](#)

### **Local Resources:**

[Pinellas County Watershed Management - Stormwater Runoff](#)  
[Pinellas County Watershed Management](#) [City of St. Pete Beach Stormwater Fact Sheet](#)  
[City of St. Pete Beach Public Services Department](#)

**Company Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Name/Title:** \_\_\_\_\_

**Date:** \_\_\_\_\_

All site inspectors and site operators must be certified through the [Florida Stormwater, Erosion and Sedimentation Control Inspector Training](#) and certification program or an equivalent program approved by FDEP. All certification documents and copies of licenses must be provided to the City.

IX.  
Vendor Form



## New Vendor Request Form

### Vendor Information

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Tax ID#: \_\_\_\_\_

(Employer ID Number i.e. 59-9999999 or Social Security Number i.e. 999-99-9999)  
**Vendor Numbers will not be assigned without Tax ID Number!!!**

### Payment/Remittance Address

(Where checks are to be mailed)

Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
(Accounts Receivable Phone) (Accounts Receivable Fax)

### Information Provided by

Name: \_\_\_\_\_  
Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

**X.**  
**Drawings & FDOT Permit**

**Call FDOT  
Inspector 48  
hours before  
starting work:**

**PINELLAS  
PERMITS  
(727) 570-5101**

**Permit # 2013-H-799-015  
15 100 000 SR 699  
City of St Pete Beach**

**Permittee shall notify TMC @ (813) 615-8657 of the  
exact time any lane closure begins and a second  
phone call when the lane closure is removed.**

**UTILITY PERMIT**

PERMIT NO.: <u>2013-H-799-15</u>	SECTION NO.: 15100000	STATE ROAD 699	COUNTY Pinellas
FDOT construction is proposed or underway.		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Is this work related to an approved Utility Work Schedule?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
PERMITTEE:	Steven Hallock, Public Services Director, City of St. Pete Beach		
ADDRESS:	155 Corey Avenue	TELEPHONE NUMBER: (727) 363 - 9224	
CITY/STATE/ZIP:	St. Pete Beach, FL 33706-1839		
The above PERMITTEE requests permission from the State of Florida Department of Transportation, hereinafter called the FDOT, to construct, operate and maintain the following: Pole-mounted solar collector panels and installation of lights mounted to palm tree trunks.			
FROM: Pinellas Bayway (SR 682) <u>mpo-111</u>	TO: 93rd Avenue <u>mp 3.569</u>		
Submitted for the PERMITTEE by: Name and Company (Typed or Printed Legibly)	Contact Information Address/Telephone/E-Mail (if applicable)	Signature	Date
James Gilman, RLA, Genesis Group	3910 US Hwy. 301 N., Suite 140, Tampa, FL 33619 813-620-4500 x 5279, jgilman@genesisgroup.com		1-29-2013

- The Permittee declares that prior to filing this application, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans and a letter of notification was mailed on January 25, 2013 to the following utilities known to be involved or potentially impacted in the area of the proposed installation:  
Pinellas County Utilities, Verizon, Prograss Energv, Bright House, TECO Peoples Gas
- The local Maintenance or Resident Engineer, hereafter referred to as the FDOT Engineer, shall be notified a minimum of forty eight (48) hours in advance prior to starting work and again immediately upon completion of work. The FDOT's Engineer is Brian Bennett, P.E., located at Pinellas Maintenance, Telephone Number 727-570-5101. The Permittee's employee responsible for MOT is Renee Cooper, CIP Construction Manager, Telephone Number 727-363-9254. (This name may be provided at the time of the forty eight (48) hour advance-notice prior to starting work).
- All work, materials, and equipment shall be subject to inspection and approval by the FDOT Engineer.
- All plans and installations shall conform to the requirements of the FDOT's UAM in effect as of the date this permit is approved by FDOT, and shall be made a part of this permit. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- This Permittee shall commence actual construction in good faith within 102 days after issuance of permit, and shall be completed within 60 days after the permitted work has begun. If the beginning date is more than sixty (60) days from the date of permit approval, the Permittee must review the permit with the FDOT Engineer to make sure no changes have occurred to the Transportation Facility that would affect the permitted construction.
- The construction and maintenance of such utility shall not interfere with the property and rights of a prior Permittee.
- It is expressly stipulated that this permit is a license for permissive use only and that the placing of utilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder, except as provided in executed subordination and Railroad Utility Agreements.
- Pursuant to Section 337.403, Florida Statutes, any utility placed upon, under, over, or along any public road or publicly owned rail corridor that is found by FDOT to be unreasonably interfering in any way with the convenient, safe, or continuous use, or maintenance, improvement, extension, or expansion, of such public road or publicly owned rail corridor shall, upon thirty (30) days written notice to the utility or its agent by FDOT, be removed or relocated by such utility at its own expense except as provided in Section 337.403(1), Florida Statutes, and except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements, and shall apply to all successors and assigns for the permitted facility.
- It is agreed that in the event the relocation of said utilities are scheduled to be done simultaneously with the FDOT's construction work, the Permittee will coordinate with the FDOT before proceeding and shall cooperate with the FDOT's contractor to arrange the sequence of work so as not to delay the work of the FDOT's contractor, defend any legal claims of the FDOT's contractor due to delays caused by the Permittee's failure to comply with the approved schedule, and shall comply with all provisions of the law and the FDOT's current UAM. The Permittee shall not be responsible for delay beyond its control.
- In the case of non-compliance with the FDOT's requirements in effect as of the date this permit is approved, this permit is void and the facility will have to be brought into compliance or removed from the R/W at no cost to the FDOT, except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the State's right, title and interest in the land to be entered upon and used by the Permittee, and the Permittee will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend, and save harmless the State of Florida and the FDOT from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercises by said Permittee of the aforesaid rights and privileges.
- During construction, all safety regulations of the FDOT shall be observed and the Permittee must take measures, including placing and the display of safety devices that may be necessary in order to safely conduct the public through the project area in accordance with the Federal MUTCD, as amended by the UAM.
- Should the Permittee be desirous of keeping its utilities in place and out of service, the Permittee, by execution of this permit acknowledges its present and continuing ownership of its utilities located between \_\_\_\_\_ and \_\_\_\_\_ within the FDOT's R/W as set forth above. Whenever the Permittee removes its facilities, it shall be at the Permittee's sole cost and expense. The Permittee, at its sole expense, shall promptly remove said out of service utilities whenever the FDOT determines said removal is in the public interest.
- In the event contaminated soil is encountered by the Permittee or anyone within the permitted construction limits, the Permittee shall immediately cease work and notify the FDOT. The FDOT shall notify the Permittee of any suspension or revocation of the permit to allow contamination assessment and remediation. Said suspension or revocation shall remain in effect until otherwise notified by FDOT.
- For any excavation, construction, maintenance, or support activities performed by or on behalf of the FDOT, within its R/W, the Permittee may be required by the FDOT or its agents to perform the following activities with respect to a Permittee's facilities: physically expose or direct exposure of

**UTILITY PERMIT**

underground facilities, provide any necessary support to facilities and/or cover, de-energize or alter aerial facilities as deemed necessary for protection and safety.

- 16. Pursuant to Section 337.401(2), Florida Statutes, the permit shall require the permit holder to be responsible for damage resulting from the issuance of the permit. The FDOT may initiate injunctive proceedings as provided in s.120.69 to enforce provisions of this subsection or any rule or order issued or entered into pursuant thereto.
- 17. Pursuant to Section 337.402, Florida Statutes, when any public road or publicly owned rail corridor is damaged or impaired in any way because of the installation, inspection, or repair of a utility located on such road or publicly owned rail corridor, the owner of the utility shall, at his or her own expense, restore the road or publicly owned rail corridor to its original condition before such damage. If the owner fails to make such restoration, the authority is authorized to do so and charge the cost thereof against the owner under the provisions of s.337.404.
- 18. The Permittee shall comply with all provisions of Chapter 556, Florida Statutes, Underground Facilities Damage Prevention and Safety Act.
- 19. Special FDOT instructions: \_\_\_\_\_

SEE ATTACHED

It is understood and agreed that commencement by the Permittee is acknowledgment and acceptance of the binding nature of all the above listed permit conditions and special instructions.

- 20. By receipt of this permit, the Permittee acknowledges responsibility to comply with Section 119.07, Florida Statutes.
- 21. By the below signature, the Permittee hereby represents that no change to the FDOT's standard Utility Permit form, as incorporated by reference into Rule 14-46.001, for this Utility Permit has been made which has not been previously called to the attention of the FDOT (and signified to by checking the appropriate box below) by a separate attached written document showing all changes and the written and dated approval of the FDOT Engineer. Are there attachments reflecting change/s to the standard form?  NO  YES If Yes, \_\_\_\_\_ pages are attached.

<b>PERMITTEE</b>	James Gilman, RLA	<b>SIGNATURE</b>	<i>James Gilman</i>	<b>DATE:</b>	1-29-13
	<b>Name &amp; Title of Authorized Permittee or Agent (Typed or Printed Legibly)</b>				
<b>APPROVED BY:</b>	<i>Ben G Bennett</i>			<b>ISSUE DATE:</b>	
	District Maintenance Engineer or Designee				3/19/2013

**UTILITY PERMIT FINAL INSPECTION CERTIFICATION**

<b>DATE:</b>	
<b>DATE WORK STARTED:</b>	
<b>DATE WORK COMPLETED:</b>	
<b>INSPECTED BY:</b>	
(Permittee or Agent)	
<b>CHANGE APPROVED BY:</b>	<b>DATE:</b>
District Maintenance Engineer or Designee	

I the undersigned Permittee do hereby CERTIFY that the utility construction approved by the above numbered permit was inspected and installed in accordance with the approved plans made a part of this permit and in accordance with the FDOT's current UAM. All plan changes have been approved by the FDOT's Engineer and are attached to this permit. I also certify that the work area has been left in as good or better condition than when the work was begun.

<b>PERMITTEE:</b>	<b>SIGNATURE:</b>	<b>DATE:</b>
<b>Name &amp; Title of Authorized Permittee or Agent (Typed or Printed Legibly)</b>		

CC: District Permit Office  
Permittee

RECEIVED

JAN 30 2013

PINELLAS MAINTENANCE

**FDOT Permit 2013-H-799-15**  
**Supplemental Instructions:**

City of St. Pete Beach shall not start construction on pole mounted solar collector panels and installation of lights mounted to palm tree trunks until after the City has first entered into an Amendment to Highway Landscape Reimbursement Maintenance Memorandum of Agreement ("HLRMOA") #01-11 (12/20/10).

# F.D.O.T. REQUIREMENTS

## PERMITTEE MUST COMPLY WITH THE FOLLOWING

**The Pinellas Maintenance Office must be notified 48 hours in advance of starting work in the F.D.O.T. right-of-way. Ph. (727) 570-5101.**

**NOTE: When installing multiple conduit lines of which a portion is intended to be leased or sold to another utility company, the new lessee/owner must obtain an approved permit from the Department prior to occupancy. Refer to CURRENT UAM.**

Digging without knowing where it's safe to dig can cause tremendous damage, affecting your electric, telephone, cable television, water, sewer and gas service outages or even loss of life! If you're doing any digging within the state of Florida, state law requires you to notify Sunshine State One Call of Florida (SSOCOF) two business days before you dig.

1-800-432-4770

This is a free service to help keep Florida safe!



<http://callsunshine.com/corp/index.html>

It is the responsibility of the permittee to determine and comply with all county and municipal ordinances that relate to the construction or other activity as described on this permit. Some ordinances are more stringent than the Department of Transportation requirements.

All construction and/or maintenance of utility equipment located in the F.D.O.T. Right-of-Way must conform to the Federal Manual on Uniform Traffic Control Devices (MUTCD), the F.D.O.T. roadway and traffic design standards and the standard specifications for road and bridge construction.

Certified density reports are required on all backfill work within shoulder points of roadway and must be submitted to the F.D.O.T., Pinellas Maintenance Office.

This permit does not authorize the construction of any new sidewalk or drainage connections in the F.D.O.T. right-of-way.

A copy of this approved permit, including all plans, must be maintained on the job site before work commences in the F.D.O.T. right-of-way and must be made available during construction/maintenance.

**NOTE:** Any sidewalk disturbed will be replaced by section within 72 hour, to F.D.O.T. specifications. If construction, reconstruction, repair, or maintenance activity necessitates the closing of one or more travel lanes of any road on the state primary, county road, or city street system, for a period of time exceeding two hours, the party performing such work will be responsible to give notice to the appropriate local law enforcement agency which has jurisdiction, where such road is located, prior to commencing work on this project. 335.15 F.S. 7/86; 336.07 F.S. 7/86.

## **F.D.O.T. UTILITY PERMIT**

**# 2013-H-799-015**

### **#19 SPECIAL INSTRUCTIONS:**

- 1) **NO LANE CLOSURES ARE ALLOWED WITHOUT 48 HR. NOTIFICATION AND PRIOR APPROVAL BY THE F.D.O.T. INSPECTOR.**
- 2) LANE CLOSURES IF NEEDED MUST BE DONE AT NIGHT BETWEEN 8:00 P.M. TO 5:30 A.M. MONDAY THRU THURSDAY. DAY TIME CLOSURES MAY BE CONSIDERED WITH LANE CLOSURE CALCULATIONS TO SUPPORT OTHER HOURS OF OPERATIONS. NO CLOSURES ALLOWED DURING WEEKS OF STATE & FEDERAL HOLIDAYS.
- 3) OPEN CUT OF ROADWAY PAVEMENT IS ALLOWED ONLY AT LOCATIONS SHOWN ON THE APPROVED PLANS.
- 4) A CERTIFIED WORK SITE TRAFFIC CONTROLS SUPERVISOR, APPOINTED BY THE PERMITTEE, MUST BE ON SITE TO OVERSEE SET UP AND MAINTENANCE OF APPROVED MAINTENANCE OF TRAFFIC (MOT) PLANS (SEE ATTACHED PLAN). A COPY OF THE WORK SITE SUPERVISOR'S CERTIFICATION MUST BE PROVIDED TO THE F.D.O.T. INSPECTOR UPON 48 HR. WORK START NOTIFICATION.  
  
**ORANGE REFLECTIVE SAFETY VESTS MUST BE WORN BY ALL PERSONS INVOLVED WITH THIS PERMIT WHILE IN THE STATE RIGHT- OF-WAY.**
- 5) **ROADWAY RESTORATION WILL UTILIZE 100 PSI EXCAVATIBLE FLOWABLE FILL AND asphalt placed within the State Right of Way shall be placed "Full Depth", (2) 3" lifts of SP 12.5, (2) 2" lifts of SP 9.5. Typical sections will need to be provided within the plans for the pavement placement. MILL AND RESURFACE THE ROADWAY 50 FEET EITHER SIDE OF THE CENTER LINE OF THE ASPHALT PATCH 28 DAYS AFTER INSTALLATION**
- 6) THE CONTRACTOR SHALL HAVE A RESPONSIBLE PERSON AVAILABLE AT OR REASONABLY NEAR THE WORK SITE ON A 24 - HOUR BASIS, 7 DAYS A WEEK, IN ORDER THAT THEY MAY BE CONTACTED IN EMERGENCIES AND IN CASES WHERE IMMEDIATE ACTION MUST BE TAKEN TO MAINTAIN TRAFFIC OR TO HANDLE ANY OTHER PROBLEMS THAT MIGHT ARISE. THE CONTRACTOR'S DESIGNATED PERSON SHALL SPEAK AND UNDERSTAND ENGLISH. (REFERENCE SECTION 5-8.3 OF THE CURRENT STANDARD SPECIFICATIONS).
- 7) ANY SIDEWALK AND/OR DRIVEWAYS DISTURBED ARE TO BE RESTORED AS WORK CONTINUES. MAINTAIN INGRESS/EGRESS ON ALL DRIVES AND SIDE STREETS DURING CONSTRUCTION. SIDEWALK TO BE SAW CUT OR TOOLED AT 5' INTERVALS. EXPANSION REQUIRED AT ALL COLD JOINTS (6" MIN. THICKNESS ON POURS, 5' WIDE, FDOT CLASS I NON-STRUCTURAL 3000PSI CONCRETE MIN.) ALL SIDEWALK CONSTRUCTED ON STATE RIGHT OF WAY SHALL MEET A.D.A. FEDERAL STANDARDS, FDOT SECTION 522 (CURRENT STANDARD SPEC ROAD/BRIDGE CONSTRUCTION), AND APPLICABLE DOT INDICES (Index 304 HANDICAP RAMPS, AND 515 CONCRETE SLOPE).
- 8) ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES (TRUNCATED DOMES) AS PER FDOT STANDARD SPECIFICATIONS 527 & STANDARD INDEX 304.
- 9) **ANY DISTURBED AREA IN FDOT ROW SHALL BE RESTORED TO EQUAL OR BETTER THAN THE PRE-EXISTING CONDITION.**
- 10) SOD ADJACENT TO SIDEWALK SHALL BE PLACED FLUSH WITH THE TOP OF THE SIDEWALK.

**F.D.O.T. UTILITY PERMIT**  
**# 2013-H-799-015**  
**#19 SPECIAL INSTRUCTIONS:**  
***CONTINUED***

- 11) STOCK PILING OF MATERIALS IN THE RIGHT OF WAY IS NOT ALLOWED.
- 12) ALL BORE AND RECEIVE PITS ARE TO BE SHEETED, BRACED OR PROPERLY SLOPED AS NEEDED.
- 13) A SUBSURFACE SOIL AND DRAINAGE REPORT IS REQUIRED ON BORES INVOLVING CASINGS  $\geq$  6 INCHES IN DIAMETER OR AS REQUESTED BY F.D.O.T. (PERMITTEE MAY DESIGN THE BORE CROSSING FOR 10 TIMES THE MAX BORE DIAMETER IN DEPTH, TO WAIVE A SUBSURFACE SOIL REPORT UNLESS REQUESTED BY FDOT).
- 14) DIRECTIONAL BORE EQUIPMENT USED MUST BE APPROVED BY F.D.O.T. (SEE ATTACHED). CONTRACTORS USING BORE EQUIPMENT MUST BE PROPERLY TRAINED TO OPERATE SUCH MACHINERY BEFORE WORKING IN THE STATE RIGHT-OF-WAY. THE MINIMUM DEPTH COVER ON THE 2 INCH BORE PARALLEL ROADWAY IS **3 FEET 0 INCHES**. MAINTAIN A MINIMUM OF 24 INCHES CLEARANCE FROM OTHER UTILITIES AND STORM DRAIN STRUCTURES. PRE-REAMING MUST BE IMPLEMENTED PRIOR TO PULLBACK.
- 15) **ALL DIRECTIONAL BORES MUST BE SCHEDULED AND PERFORMED AS A CONTINUOUS OPERATION UNTIL COMPLETE.**
- 16) **THE LOCAL GOVERNMENT MUST HAVE A REPRESENTATIVE ON SITE AT ALL TIMES WHILE BORING OPERATIONS ARE IN PROGRESS IN THE STATE RIGHT OF WAY.**
- 17) **IF THE BORE OPERATION IS DEEMED UNSUCCESSFUL BY THE F.D.O.T. AREA MAINTENANCE ENGINEER, THE PROPOSED UTILITY WILL BE GROUTED AND ABANDONED. THE FOLLOWING ARE EXAMPLES BUT NOT LIMITED TO, MECHANICAL FAILURE PREVENTING THE COMPLETION OF THE PULLBACK IN A TIMELY MANNER, IMPASSABLE OBSTRUCTION, SETTLEMENT OR HEAVING OF THE STATE ROAD.**
- 18) THE PERMITTEE WILL TAKE ALL MAINTENANCE RESPONSIBILITIES FOR A PERIOD OF ONE YEAR AFTER COMPLETION OF CONSTRUCTION.
- 19) NO WORK SHALL BE PERFORMED DURING THE WEEKS OF ANY STATE OR FEDERAL HOLIDAYS.
- 20) **FOR WORK NOT INVOLVING LANE CLOSURES, PERMITTEE & CONTRACTOR SHALL FOLLOW THE STANDARD WORK SCHEDULE OF MONDAY THROUGH FRIDAY 7:00 AM – 5:30 PM WHILE WORKING WITHIN THE STATE RIGHT OF WAY UNLESS OTHERWISE NOTED WITHIN THE PERMIT. DEVIATIONS SHALL BE REQUESTED BY THE PERMITTEE IN WRITING WITH JUSTIFICATIONS IN ADVANCE OF THE PROPOSED CHANGE.**

**THE DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO MAKE ADJUSTMENTS TO ANY PERMITTED METHOD OF INSTALLATION, SCOPE, RESTORATION AND PUBLIC SAFETY THAT ARISE DUE TO UNFORSEEN CONDITIONS DURING CONSTRUCTION.**

## **F.D.O.T. UTILITY PERMIT**

**# 2013-H-799-015**

**PORTIONS OF THE REQUIREMENTS LISTED BELOW, ARE IN ADDITION TO THOSE OUTLINED IN THE CURRENT DEPARTMENT'S UTILITY ACCOMMODATION MANUAL.**

**THESE REQUIREMENTS, ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION AND DO NOT EXEMPT THE PERMITTEE OF LIABILITY FOR DAMAGES THAT OCCUR AS A RESULT OF THE UTILITY INSTALLATION AND/OR MAINTENANCE.**

**NO PART OF THE PAVEMENT IS TO BE OBSTRUCTED DURING THE INSTALLATION OR MAINTENANCE OF THIS UTILITY.**

**ALL ABOVE GROUND APPURTENANCES MUST BE PLACED AS CLOSE TO THE RIGHT-OF-WAY LINE AS PRACTICAL.**

**TEMPORARY STORAGE OF CONSTRUCTION EQUIPMENT AND MATERIALS (I.E., POLES, CABLE, PIPE, ETC.), TO BE USED IN THE CONSTRUCTION/MAINTENANCE OF THE UTILITY, IS PROHIBITED IN THE DEPARTMENTS RIGHT-OF-WAY PRIOR TO PERMIT ISSUANCE. STORAGE IS LIMITED TO A 30-DAY PERIOD, PROVIDED THAT SUCH STORAGE DOES NOT OBSTRUCT VISUAL DISTANCE REQUIREMENTS. OFFSET DISTANCE REQUIREMENTS MUST BE MET, AS SPECIFIED IN THE UTILITY ACCOMMODATION MANUAL.**

**TEMPORARY STORAGE OF TRENCH EXCAVATION MATERIAL IS NOT PERMITTED WITHIN 12 FEET OF THE PAVEMENT EDGE. STORAGE IS NOT TO EXCEED 7 CALENDAR DAYS. OFFSET DISTANCE REQUIREMENTS MUST BE MET, AS SPECIFIED IN THE UTILITY ACCOMMODATION MANUAL.**

**A DEPARTMENT OF TRANSPORTATION PERMIT INSPECTOR MUST BE PRESENT DURING ALL APPROVED UTILITY PERMIT MECHANICAL BORE OPERATIONS.**

**UTILITY POLES, APPROVED FOR INSTALLATION BY THIS PERMIT, ARE NOT TO EXCEED 24 INCHES IN DIAMETER.**

**ALL TRENCHES MUST BE BACKFILLED IN ACCORDANCE WITH THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS.**

**ANY DRIVEWAY CONNECTION WHICH IS TO BE DISTURBED AS A RESULT OF THIS APPROVED UTILITY PERMIT INSTALLATION, THE DEPARTMENT RECOMMENDS FOR THE PROTECTION OF THE PERMITTEE THAT PHOTOS BE FILED WITH THE DEPARTMENT SHOWING THE ORIGINAL CONDITION OF THE DRIVEWAY.**

**THE PERMITTEE IS RESPONSIBLE FOR FILING PERMIT APPLICATIONS WITH THE PROPER MUNICIPAL AGENCY BEFORE CROSSING ANY SECONDARY ROADWAYS OWNED BY THE CITY OR COUNTY WHICH CONNECT TO STATE ROADS BEING AFFECTED BY THIS PERMIT.**

**THE PERMITTEE IS RESPONSIBLE, DURING AND FOLLOWING THE UTILITY INSTALLATION, FOR WATER QUALITY WHERE THE UTILITY IS BEING INTRODUCED TO DEPARTMENT OWNED DRAINAGE FACILITIES. THE DEPARTMENT RETAINS THE RIGHT TO VOID THIS PERMIT AND REQUIRE REMOVAL OF ALL DRAINAGE CONNECTIONS IF THE QUALITY OF WATER IS NOT MAINTAINED WITHIN LIMITATIONS ESTABLISHED BY THE DEPARTMENT OF POLLUTION CONTROL OR OTHER APPROPRIATE GOVERNMENTAL AGENCIES.**

**THE PERMITTEE IS RESPONSIBLE FOR SUBMITTING A STORM WATER POLLUTION PREVENTION PLAN AND NOTICE OF INTENT TO THE F.D.O.T. DISTRICT PERMIT OFFICE OR LOCAL MAINTENANCE OFFICE WITHIN 48 HOURS OF COMMENCING CONSTRUCTION, IN ACCORDANCE WITH THE CODE OF FEDERAL REGISTER (40 CFR 122.26) INCORPORATING THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM AS DOCUMENTED IN THE SEPTEMBER 25, 1992 ISSUE OF THE FEDERAL REGISTER, PART 3, VOLUME 57, NUMBER 187.**



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FROM VISION TO REALITY

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3910 U.S. Highway 301 N.  
Suite 140  
Tampa, Florida 33619

Tel 813.620.4500  
Fax 813.620.4980  
www.GenesisGroup.com

January 24, 2013

Ms. Sherelle Darroch  
Bright House  
700 Carillon Parkway  
Suite 6  
St. Petersburg, FL 33716

**RE: CITY OF ST PETE BEACH, LIGHTING OF MEDIAN LANDSCAPE IMPROVEMENTS  
UTILITY COORDINATION  
GG# 6140-003**

Dear Ms. Darroch:

Genesis Group has been retained by the City of St. Pete Beach to provide project coordination for aesthetic uplighting of palm trees, as part of recently completed landscape improvements within roadway median islands. The project includes:

- Gulf Blvd. (SR 699) from Pinellas Bayway to 75<sup>th</sup> Avenue; and
- Blind Pass Road (SR 699) from 75<sup>th</sup> Avenue to 93<sup>rd</sup> Avenue.

Please review the attached plans to determine whether any potential conflicts may occur between service lines and the proposed design, and respond with your comments at your earliest convenience.

We would appreciate your response to this inquiry by Friday, February 22, 2013 so that we may stay on track with the project schedule.

Thank you for your cooperation.

Sincerely,

**GENESIS GROUP**

Jim Gilman, RLA, AICP, ISA, LEED® AP  
Project Manager

JG:ak

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 Suite 140  
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Engineering  
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 GIS

Ms. Sherelle Darroch  
 Bright House  
 700 Carillon Parkway, Suite 6  
 St. Petersburg, FL 33716

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
 Ms. Sherelle Darroch  
 Bright House  
 700 Carillon Pkwy  
 Ste. 6  
 St. Petersburg FL 33716

2. Article Number  
 (transfer from service label) 7002 3150 0003 8457 9507

PS Form 3811, February 2004

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A. Signature  X  Agent

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C. Date of Delivery  Yes  No

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Suite 140 | Fax 813.620.4980  
Tampa, Florida 33619 | www.GenesisGroup.com

January 24, 2013

Pinellas County Utilities-Engineering  
6730 142<sup>nd</sup> Avenue North  
Largo, FL 33771

**RE: CITY OF ST PETE BEACH, LIGHTING OF MEDIAN LANDSCAPE IMPROVEMENTS  
UTILITY COORDINATION  
GG# 6140-003**

To whom it may concern:

Genesis Group has been retained by the City of St. Pete Beach to provide project coordination for aesthetic uplighting of palm trees, as part of recently completed landscape improvements within roadway median islands. The project includes:

- Gulf Blvd. (SR 699) from Pinellas Bayway to 75<sup>th</sup> Avenue; and
- Blind Pass Road (SR 699) from 75<sup>th</sup> Avenue to 93<sup>rd</sup> Avenue.

Please review the attached plans to determine whether any potential conflicts may occur between service lines and the proposed design, and respond with your comments at your earliest convenience.

We would appreciate your response to this inquiry by Friday, February 22, 2013 so that we may stay on track with the project schedule.

Thank you for your cooperation.

Sincerely,

**GENESIS GROUP**

Jim Gilman, RLA, AICP, ISA, LEED® AP  
Project Manager

JG:ak

Enclosure

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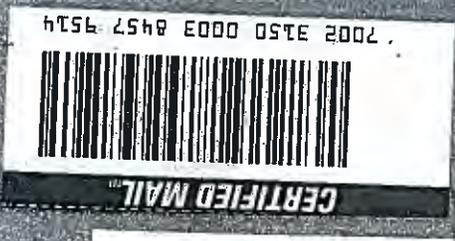
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Pinellas County Utilities - Engineering  
 6730 142nd Ave. North  
 Largo, FL 33771

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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 Pinellas County  
 Utilities - Engineering  
 6730 142nd Ave. N.  
 Largo, FL 33771

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 Agent  
 Addressee

B. Received by (Printed Name) C. Date of Delivery

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 if YES, enter delivery address below:  No

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Tampa, Florida 33619 | www.GenesisGroup.com

January 24, 2013

Mr. Bob Cash  
Verizon  
1280 Cleveland Street  
Clearwater, FL 33755

**RE: CITY OF ST PETE BEACH, LIGHTING OF MEDIAN LANDSCAPE IMPROVEMENTS  
UTILITY COORDINATION  
GG# 6140-003**

Dear Mr. Cash:

Genesis Group has been retained by the City of St. Pete Beach to provide project coordination for aesthetic uplighting of palm trees, as part of recently completed landscape improvements within roadway median islands. The project includes:

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Thank you for your cooperation.

Sincerely,

**GENESIS GROUP**

Jim Gilman, RLA, AICP, ISA, LEED® AP  
Project Manager

JG:ak

Enclosure

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Return Receipt Fee (Endorsement Required)	2.35	
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<b>Total Postage &amp; Fees</b>	<b>\$ 10.50</b>	

To: **Mr. Bob Cash - Verizon**  
 Street, Apt. No., or PO Box No. **1280 Cleveland St**  
 City, State, ZIP+4<sup>®</sup> **Clearwater FL 33755**

PS Form 3811, June 2002



7002 3150 0003 8457 9521

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3910 U.S. Highway 301 N.  
 Suite 140  
 Tampa, Florida 33619

Engineering  
 Landscape Architecture  
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 Survey  
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Mr. Bob Cash  
 Verizon  
 1280 Cleveland Street  
 Clearwater, FL 33755

**SENDER: COMPLETE THIS SECTION**

1. Article Addressed to:  
**Mr. Bob Cash**  
**Verizon**  
**1280 Cleveland St.**  
**Clearwater, FL**  
**33755**

2. Article Number  
 (Transfer from services label) **7002 3150 0003 8457 9521**

3. Service Type  
 Certified Mail  
 Registered  
 Insured Mail  
 Restricted Delivery? (Extra Fee)

4. Return Receipt for Merchandise  
 Yes  
 No

5. Signature  
 Agent  
 Addressee

6. Received by (Printed Name) \_\_\_\_\_ C. Date of Delivery \_\_\_\_\_

7. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

PS Form 3811, February 2004 102505-024-1040

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Suite 140 | Fax 813.620.4980  
Tampa, Florida 33619 | www.GenesisGroup.com

January 24, 2013

Progress Energy  
299 First Ave. North  
PEF 22  
St. Petersburg, FL 33701

**RE: CITY OF ST PETE BEACH, LIGHTING OF MEDIAN LANDSCAPE IMPROVEMENTS  
UTILITY COORDINATION  
GG# 6140-003**

To whom it may concern:

Genesis Group has been retained by the City of St. Pete Beach to provide project coordination for aesthetic uplighting of palm trees, as part of recently completed landscape improvements within roadway median islands. The project includes:

- Gulf Blvd. (SR 699) from Pinellas Bayway to 75<sup>th</sup> Avenue; and
- Blind Pass Road (SR 699) from 75<sup>th</sup> Avenue to 93<sup>rd</sup> Avenue.

Please review the attached plans to determine whether any potential conflicts may occur between service lines and the proposed design, and respond with your comments at your earliest convenience.

We would appreciate your response to this inquiry by Friday, February 22, 2013 so that we may stay on track with the project schedule.

Thank you for your cooperation.

Sincerely,

**GENESIS GROUP**

Jim Gilman, RLA, AICP, ISA, LEED<sup>®</sup> AP  
Project Manager

JG:ak

Enclosure

**RECEIVED**  
**JAN 30**  
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\* \* \* \* \*  
 177 PB8756950  
 89338 10.500 JAN 25 13  
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Postage	\$5.20
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
<b>Total Postage &amp; Fees</b>	<b>\$ 10.50</b>

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Progress Energy  
 299 First Ave. N. PEF 22  
 St. Petersburg, FL 33701

PS Form 3811, January 2004

7002 3150 0003 8457 9538



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 Suite 140  
 Tampa, Florida 33618

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 Planning  
 Survey  
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Progress Energy  
 299 First Ave. North  
 PEF 22  
 St. Petersburg, FL 33701

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■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  
 ■ Print your name and address on the reverse so that we can return the card to you.  
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 Progress Energy  
 299 First Ave. N.  
 PEF 22  
 St Petersburg FL 33701

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  Addressed

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1?  Yes  No  
 If YES, enter delivery address below:  Yes  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
 4. Restricted Delivery? (Extra Fee)  Yes  No

2. Article Number 7002 3150 0003 8457 9538  
 (Transfer from service label)  
 PS Form 3811, February 2004 Domestic Return Receipt 102506-02-04-1540

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3910 U.S. Highway 301 N.  
Suite 140  
Tampa, Florida 33619

Tel 813.620.4500  
Fax 813.620.4980  
www.GenesisGroup.com

January 24, 2013

Mr. Jeff Frazier  
TECO  
1920 9<sup>th</sup> Avenue North  
St. Petersburg, FL 33713

**RE: CITY OF ST PETE BEACH, LIGHTING OF MEDIAN LANDSCAPE IMPROVEMENTS  
UTILITY COORDINATION  
GG# 6140-003**

Dear M. Frazier:

Genesis Group has been retained by the City of St. Pete Beach to provide project coordination for aesthetic uplighting of palm trees, as part of recently completed landscape improvements within roadway median islands. The project includes:

- Gulf Blvd. (SR 699) from Pinellas Bayway to 75<sup>th</sup> Avenue; and
- Blind Pass Road (SR 699) from 75<sup>th</sup> Avenue to 93<sup>rd</sup> Avenue.

Please review the attached plans to determine whether any potential conflicts may occur between service lines and the proposed design, and respond with your comments at your earliest convenience.

We would appreciate your response to this inquiry by Friday, February 22, 2013 so that we may stay on track with the project schedule.

Thank you for your cooperation.

Sincerely,

**GENESIS GROUP**

Jim Gilman, RLA, AICP, ISA, LEED<sup>®</sup> AP  
Project Manager

JG:ak

Enclosure

**RECEIVED**

JAN 29 2013

**PINELLAS MAINTENANCE**

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 186  
 89138 10.50D PB8756950  
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 33619

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Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 10.50

Postmark Here

Mr. Jeff Fraizer / TECO  
 Apt. No. 1920 9th Ave. N.  
 City, State, ZIP+4® St. Petersburg FL 33713

PS Form 3811, January 2004 See [www.usps.com](http://www.usps.com) for instructions

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Mr. Jeff Fraizer  
 TECO  
 1920 9th Ave. North  
 St. Petersburg, FL 33713

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
 MR. Jeff Fraizer  
 TECO  
 1920 9th Ave. North  
 St Petersburg FL  
 33713

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
 X  Addressee

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.  
 4. Restricted Delivery? (Extra Fee)  Yes

2. Article Number (Transfer from service label) 7002 3150 0003 8457 9545  
 PS Form 3811, February 2004 Domestic Return Receipt 10295-02-M-1540

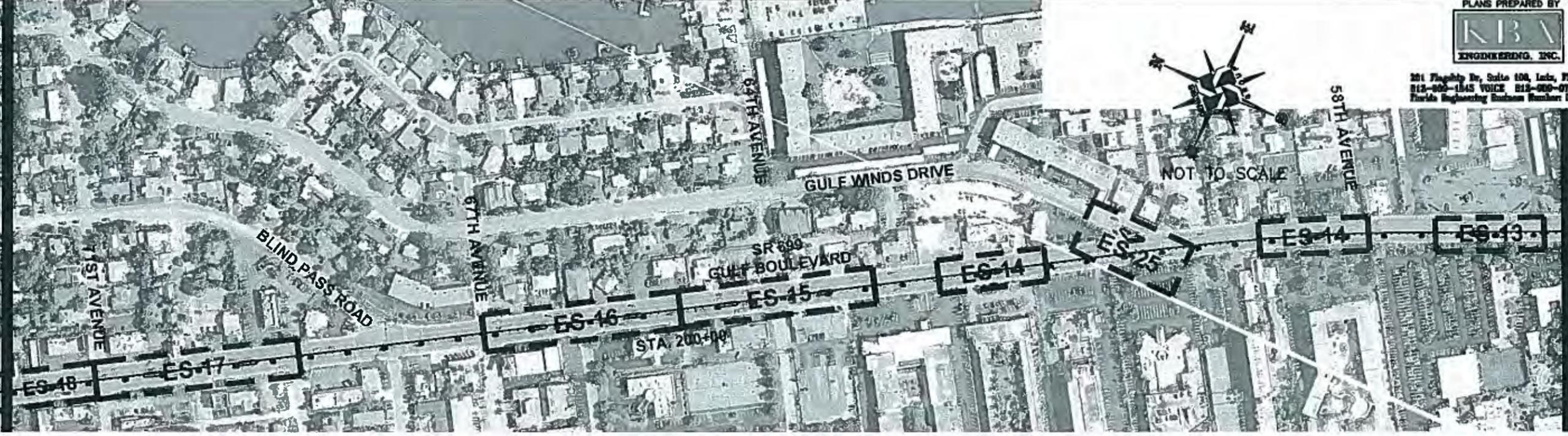
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MATCHLINE - KEYSHEET 3

MATCHLINE - BELOW RIGHT



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**KBA**  
 ENGINEERING, INC.  
 201 Flagship Dr, Suite 600, Leeb, FL 33648  
 813-995-1845 VOICE 813-995-0766 FAX  
 Florida Engineering Endorsement Number: 00006125

PROJECT NAME	PROJECT NUMBER
DATE	SCALE
DESIGNED BY	CHECKED BY
DRAWN BY	IN CHARGE
DATE	PROJECT DATE

**GENESIS GROUP**  
 3070 ESR HIGHWAY 301 N. MIAMI, SUITE 140 TAMPA, FL 33619  
 Phone: 813-650-4500 Fax: 813-650-4980 WWW.GENESISGROUP.COM

**CITY OF ST. PETE BEACH**

JAN 28 2013  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER

KEYSHEET 2  
 AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS

KS-02



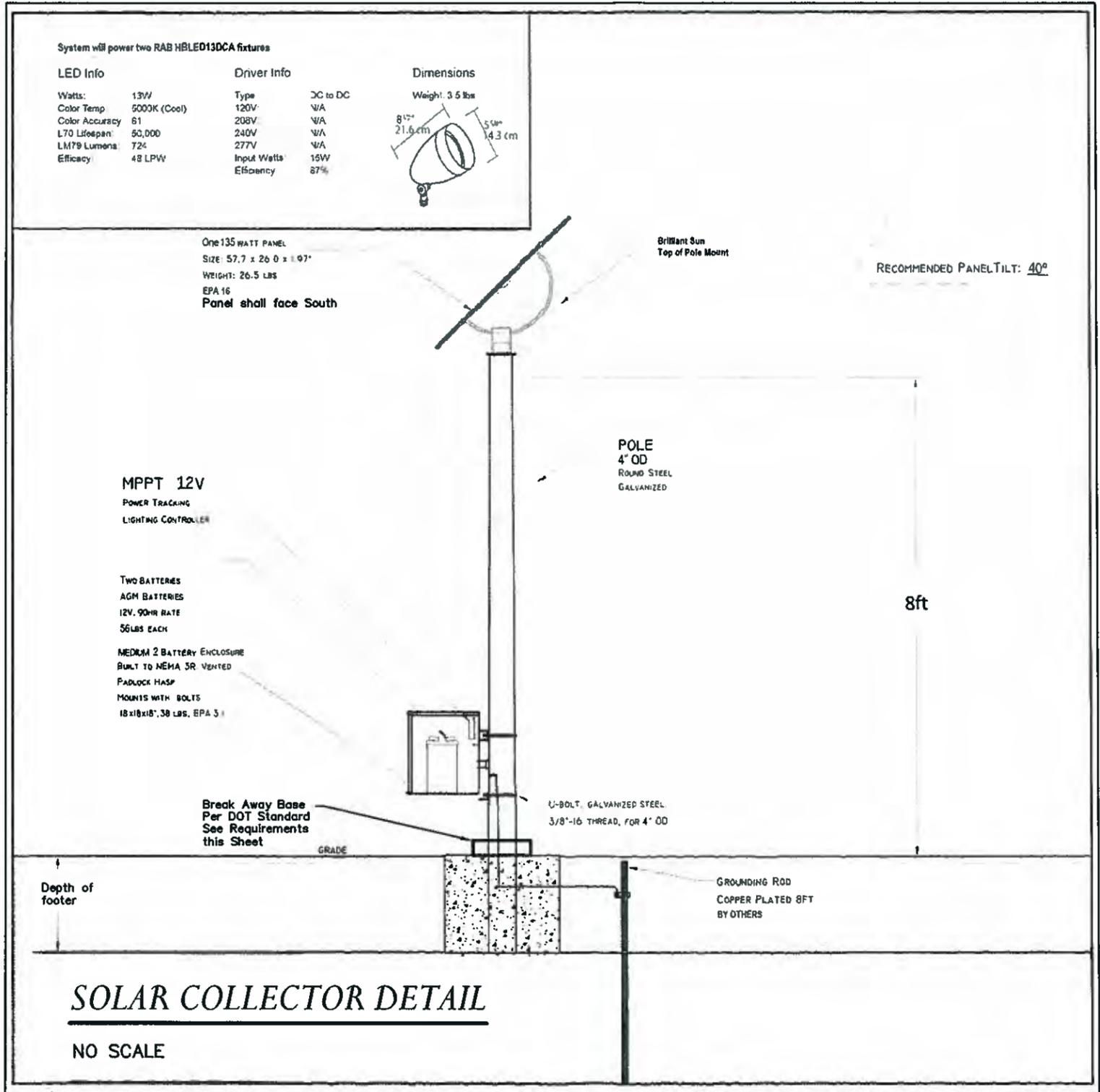


2013-H-799-15

LIGHTING FIXTURE SCHEDULE				
SYMBOL	DESCRIPTION	VOLTAGE	LAMPS	MOUNTING
A	AC LED FLOOD LIGHT	120V	13W LED W/ FIXT	10'-0" AFG
	RAB LIGHTING # HBLED13A			
D	DC LED FLOOD LIGHT	12V	13W LED W/ FIXT	10'-0" AFG
	RAB LIGHTING # HBLED13DCA			



PLANS PREPARED BY  
 201 Flagship Dr, Suite 106, Lutz, FL 33549  
 813-909-1845 VOICE 813-909-0764 FAX  
 Florida Engineering Business Number: 00006136



**BREAKAWAY FEATURE:**

ALL CONVENTIONAL MOUNTING HEIGHT POLES SHALL BE MOUNTED ON A FRANGIBLE METAL BASE. THE BASE SHALL BE ONE PIECE AND BE DESIGNED TO BREAKAWAY WITHOUT THE AID OF ANY SLIPPING OR SLIDING SURFACE. THE DESIGN OF THE BREAKAWAY FEATURE SHALL BE IN ACCORDANCE FDOT STANDARD INDEX 11860 AND WITH THE BREAKAWAY PERFORMANCE REQUIREMENTS OF THE AASHTO " STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS". THE CONTRACTOR (SUPPLIER) SHALL SUBMIT SHOP DRAWINGS (COPIES OF THE TEST REPORTS AS EVIDENCE THE POLE AND BREAKAWAY FEATURES MEETS THE ABOVE SPECIFICATIONS AND CALCULATIONS) TO VERIFY THE DESIGN WILL MEET THE AASHTO WIND LOADING WITH ALL EQUIPMENT (IE BATTERY, SOLAR COLLECTOR ETC.) SPECIFIED IN THE CONTRACT PLANS. NO POLES ARE TO BE INSTALLED PRIOR TO THE APPROVAL OF THE SUBMITTAL DATA.

ANY SUBSTANTIAL REMAINS OF A BREAKAWAY SUPPORT, WHEN IT IS BROKEN AWAY, SHOULD NOT PROJECT MORE THAN 4" AS DISCUSSED IN SECTION 7 OF THE ABOVE AASHTO SPECIFICATIONS, AND CHAPTER 4, SECTION 4.2 OF THE AASHRO "ROADSIDE DESIGN GUIDE".

SHOULD FIELD CONDITIONS INDICATE A VARIATION FROM SPECIFIED FOOTER DIMENSION STANDARDS, CONTRACTOR SHALL SUPPLY MODIFIED FOOTER AND BREAKAWAY FEATURE FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

**GENESIS GROUP**  
 FROM VISION TO REALITY  
 3810 US HIGHWAY 301 NORTH, SUITE 140, TAMPA, FL 33619  
 Phone: 813.909.0000 Fax: 813.909.0015  
 www.genesisgroup.com

**CITY OF ST. PETE BEACH**

**SCHEDULE AND DETAILS**

**AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS**

PROJECT NAME: 6140-001  
 SHEET NO: E-2

DATE: MAR 13 2013

DESIGNED BY: SM  
 CHECKED BY: ELD  
 DRAWN BY: KC  
 READ AS SHOWN

**RECEIVED**  
 MAR 14 2013  
 PINELLAS MAINTENANCE

○ LIGHTING DRAWING NOTES

- 1) SOLAR COLLECTOR LOCATION IN EXISTING GREEN SPACE. FIELD COORDINATE EXACT LOCATION OF COLLECTOR WITH EXISTING FIELD CONDITIONS AND LANDSCAPE DRAWINGS. SEE DETAIL ON SHEET E-2 FOR ADDITIONAL INFORMATION.
- 2) 12V. LED TREE LIGHT AND FLUSH MOUNTED HANDHOLE. SEE DETAIL THIS SHEET AND FIXTURE SCHEDULE ON SHEET E-2 FOR ADDITIONAL INFORMATION.
- 3) REPLACE EXISTING 120V. FIXTURE AND MOUNTING BRACKET WITH NEW 120V. FIXTURE (TYPE AS SHOWN) AND NEW BRACKET. SEE SCHEDULE ON SHEET E-2 FOR ADDITIONAL INFORMATION. CONNECT NEW FIXTURE TO EXISTING CIRCUIT SERVING THIS AREA.
- 4) UTILIZE EXISTING SLEEVE RUN UNDER ROAD FOR NEW CONDUCTORS. EXTEND TO NEW HANDHOLE AND SOLAR COLLECTOR AS REQUIRED.

PLANS PREPARED BY  
**KBA**  
 ENGINEERING, INC.

201 Flagship Dr, Suite 106, Lutz, FL 33549  
 813-909-1846 VOICE 813-909-0764 FAX  
 Florida Engineering Business Number: 00008136

PROJECT NUMBER	6140-001
DESIGNED BY	KC
ISSUED BY	AS SHOWN
CHECKED BY	SM
DATE	ELD

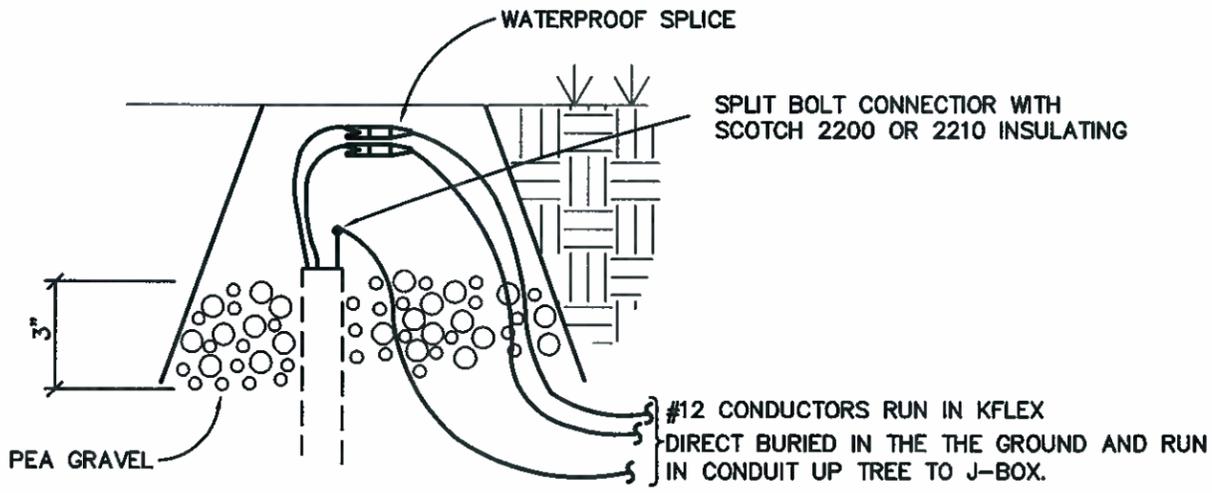


**FDOT PERMIT #**  
 2013-H-799-15

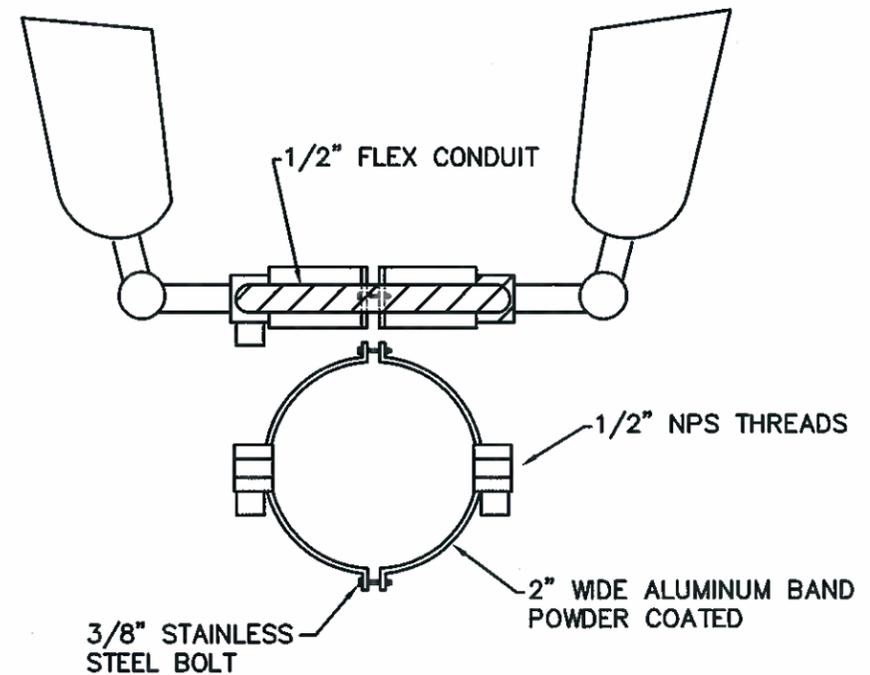
**FDOT PERMIT #**  
 2013-H-799-15

**GENESIS GROUP**  
 FROM VISION TO REALITY  
 3070 US HIGHWAY 301 NORTH, SUITE 140 TAMPA, FL 33619  
 Phone 813.628.6600 Fax 813.628.6601 www.genesisgroup.com  
 FL LIC. 0000020

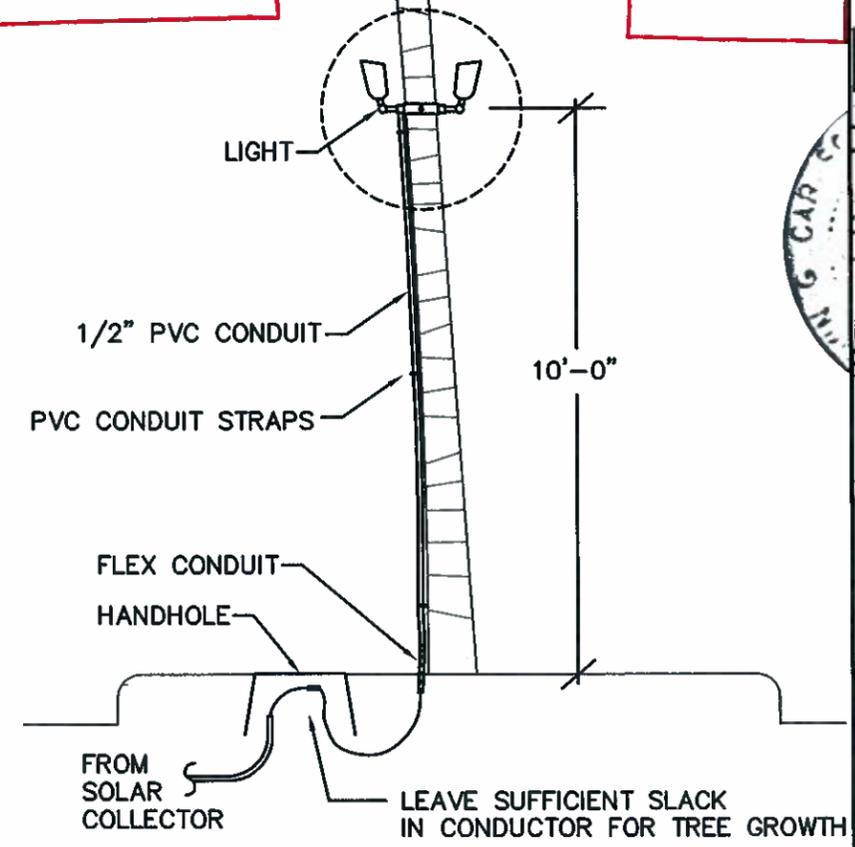
**CITY OF ST. PETE BEACH**



ENLARGED HANDHOLE DETAIL  
 NOT TO SCALE



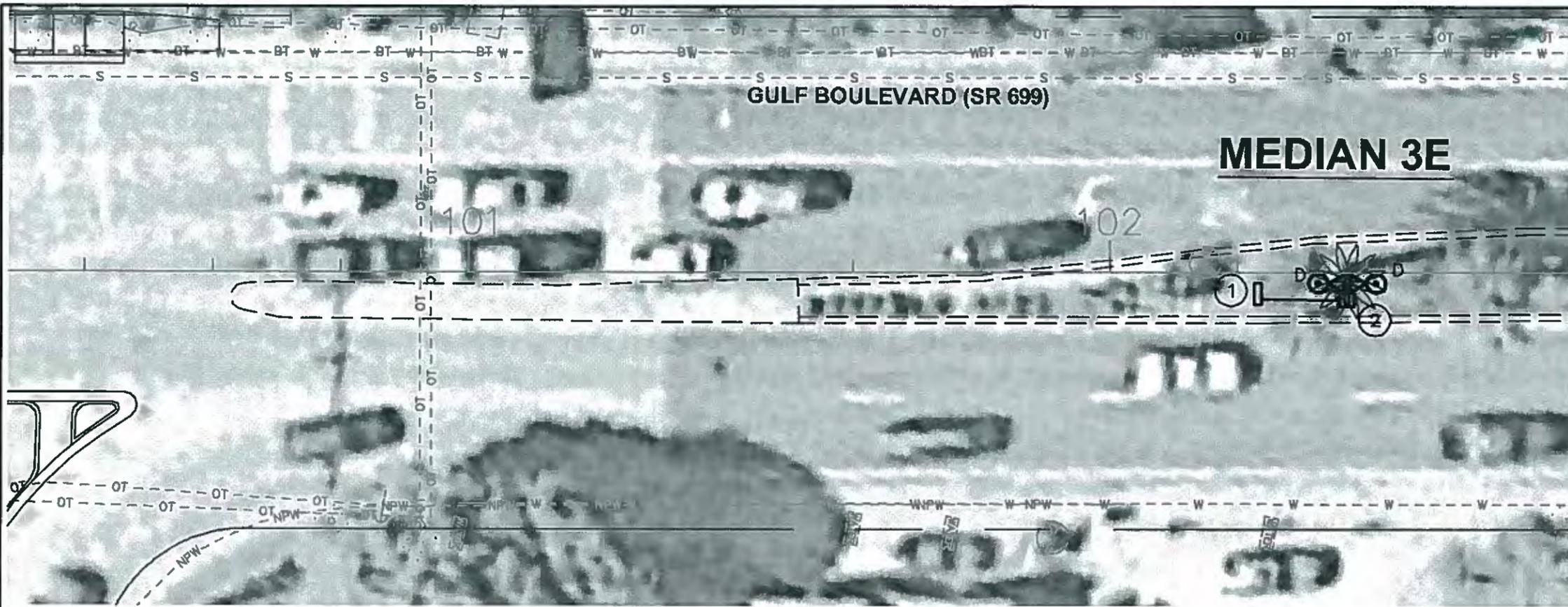
TREE RING DETAIL  
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LIGHTING MOUNTING DETAIL  
 NO SCALE



**LIGHTING NOTES & DETAILS**  
**AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS**

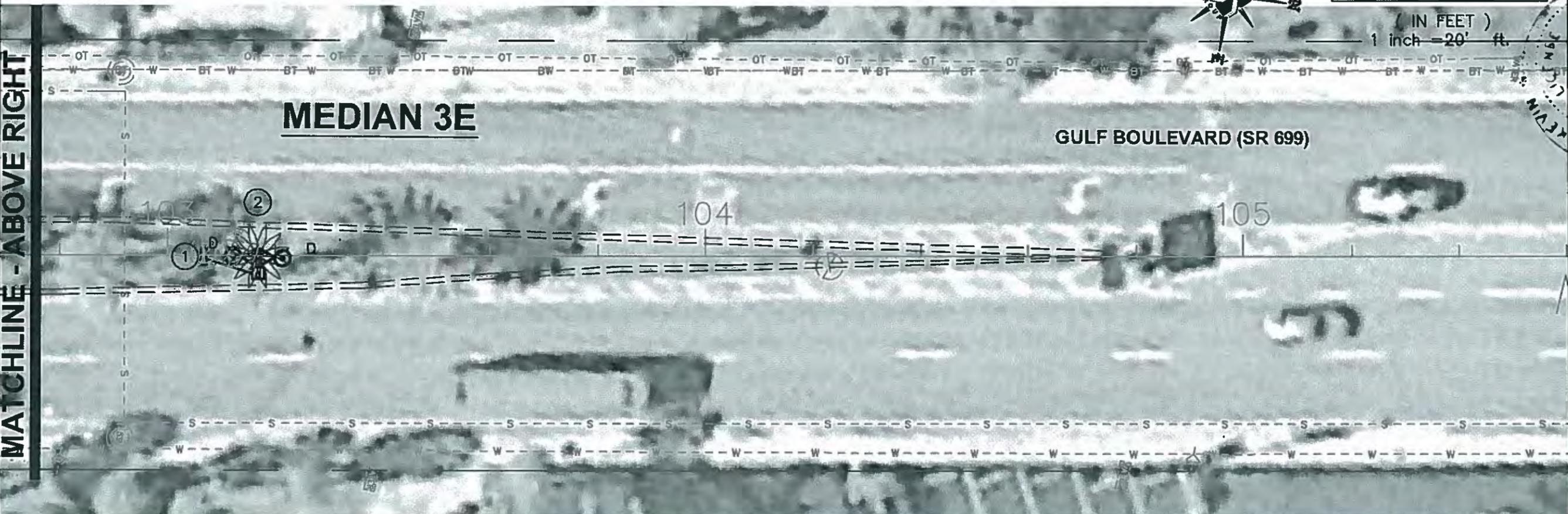
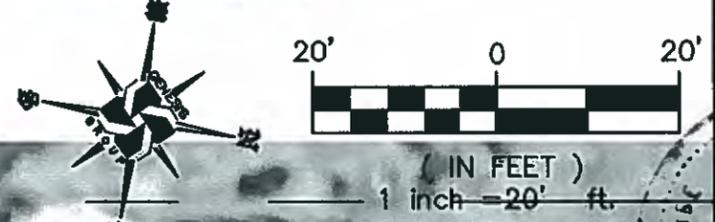


MATCHLINE - BELOW LEFT

PLANS PREPARED BY  
**KBA**  
 ENGINEERING, INC.  
 201 Flagship Dr, Suite 100, Lutz, FL 33540  
 813-903-1545 VOICE 813-903-0784 FAX  
 Florida Engineering Business Number: 0000133

NO.	DATE	REVISIONS	DESIGNED BY	CHECKED BY	PROJECT NUMBER	PRINT DATE
					8140-001	
					KC	
					SM	
					ELD	
					AS SHOWN	

SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



MATCHLINE - ABOVE RIGHT

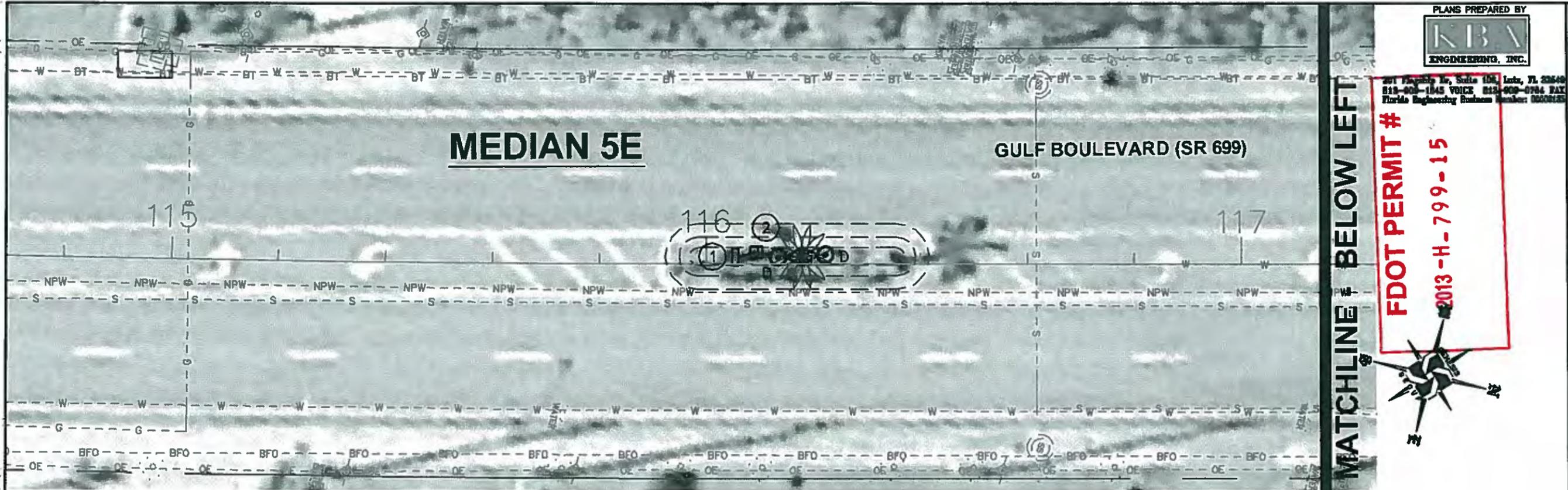
**GENESIS GROUP**  
 2010 US HIGHWAY 301 NORTH, SUITE 140 TAMPA FL 33611  
 Phone: 813.620.4950 Fax: 813.620.4950 www.GenesisGroup.com  
 CITY OF ST. PETE BEACH



LIGHTING PLANS  
 AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS

PROJECT NAME  
**ES-07**





PLANS PREPARED BY



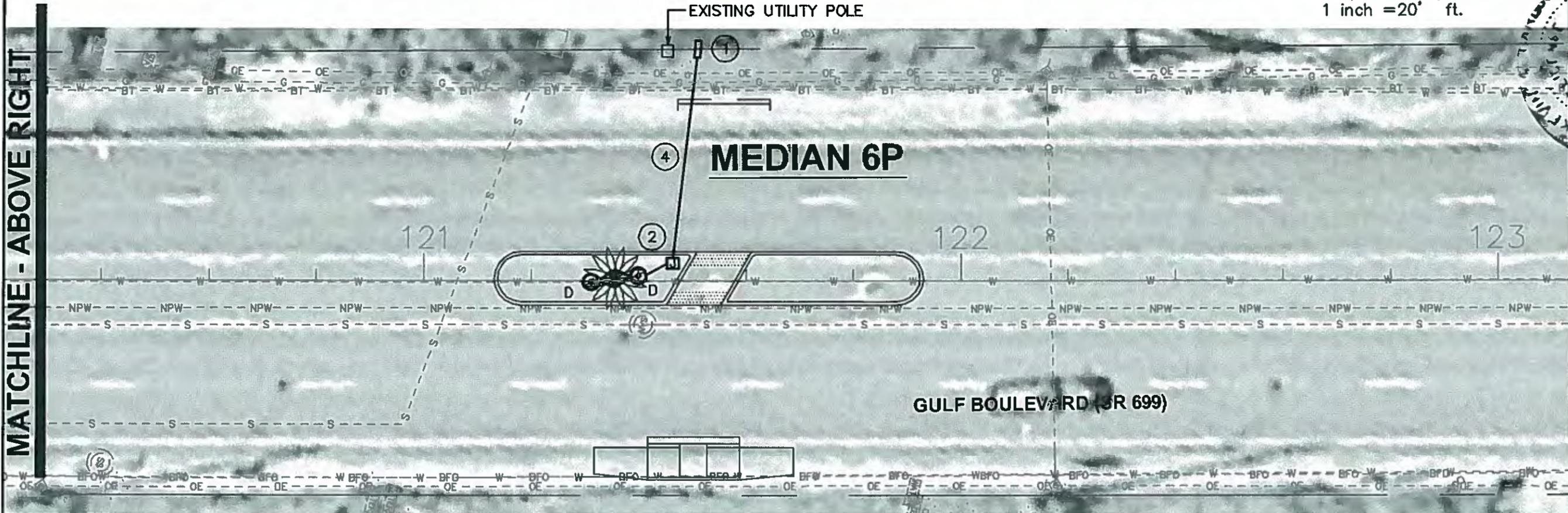
201 Florida St., Suite 100, Lake, FL 32640  
 813-920-1845 VOICE 813-920-0784 FAX  
 Florida Engineering Business Number: 06000181

**FDOT PERMIT #**  
**2013-H-799-15**



( IN FEET )  
 1 inch = 20' ft.

SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



MATCHLINE - ABOVE RIGHT

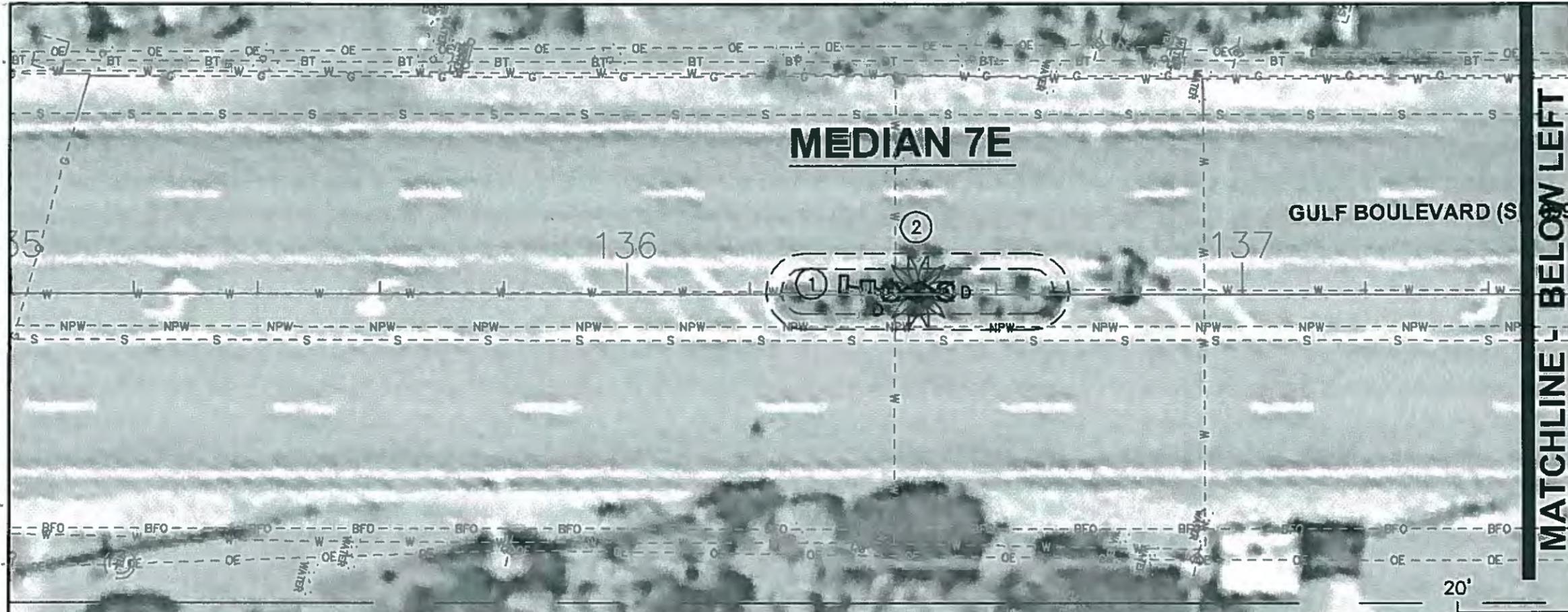
PROJECT NUMBER	8140-001
DATE	
DESIGNER	
CHECKED BY	KC
SCALE	AS SHOWN
DATE	
DESIGNER	
CHECKED BY	SM
SCALE	ELD

**GENESIS GROUP**  
 3010 US HIGHWAY 301 NOKRIM KULIF-140 TAMPA FL 33610  
 Phone 813.620.1500 Fax 813.620.1980 www.GenesisGroup.com

CITY OF ST. PETE BEACH



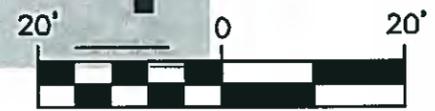
LIGHTING PLANS  
 AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS



**MEDIAN 7E**

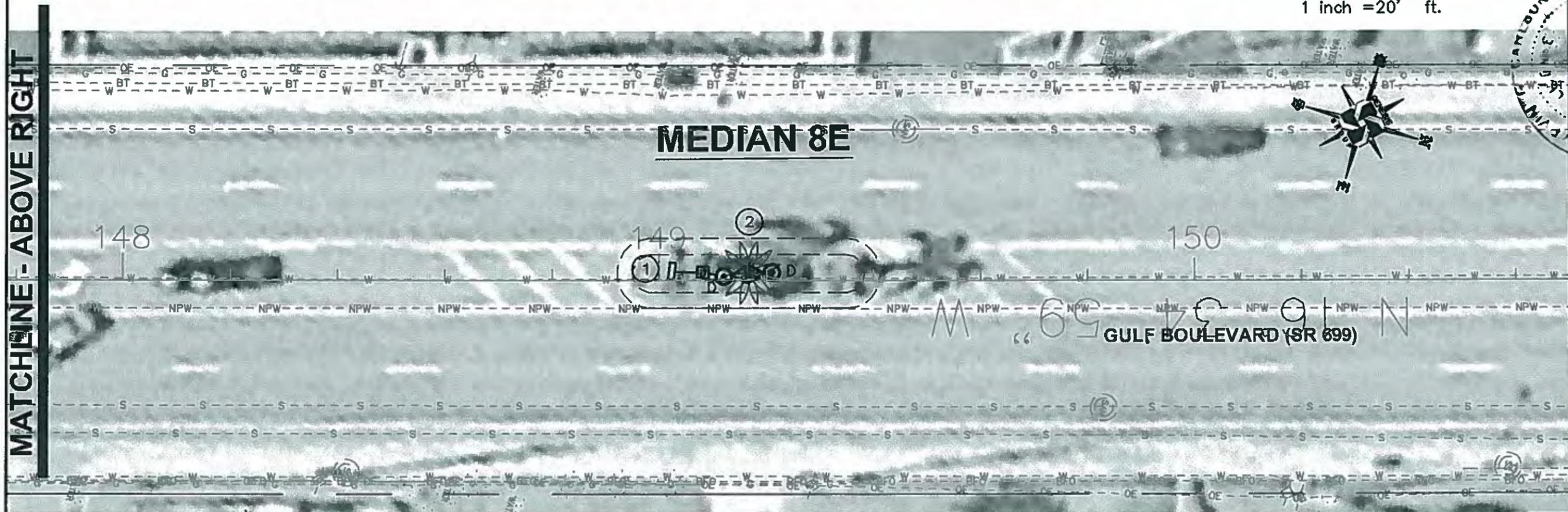
GULF BOULEVARD (S)

MATCHLINE - BELOW LEFT



( IN FEET )  
1 inch = 20' ft.

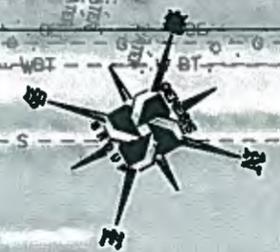
SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



**MEDIAN 8E**

GULF BOULEVARD (SR 699)

MATCHLINE - ABOVE RIGHT



PLANS PREPARED BY  
**KBA**  
ENGINEERING, INC.

201 Flagship Dr, Suite 100, Lutz, FL 33549  
813-908-1845 VOICE 813-908-0784 FAX  
Florida Engineering Business Number: 00001212

PROJECT NUMBER	8140-001	
PROJECT DATE		
DESIGNER	KC	
CHECKED BY	KC	
DATE	AS SHOWN	
REVISIONS		
NO.	DATE	DESCRIPTION
1	SM	ELD
2	ELD	

**GENESIS GROUP**  
A DIVISION OF GENSLER  
1910 US HIGHWAY 301 NORTH, SUITE 140 TAMPA FL 33610  
Phone 813.820.1500 Fax 813.820.1980 www.GenesisGroup.com

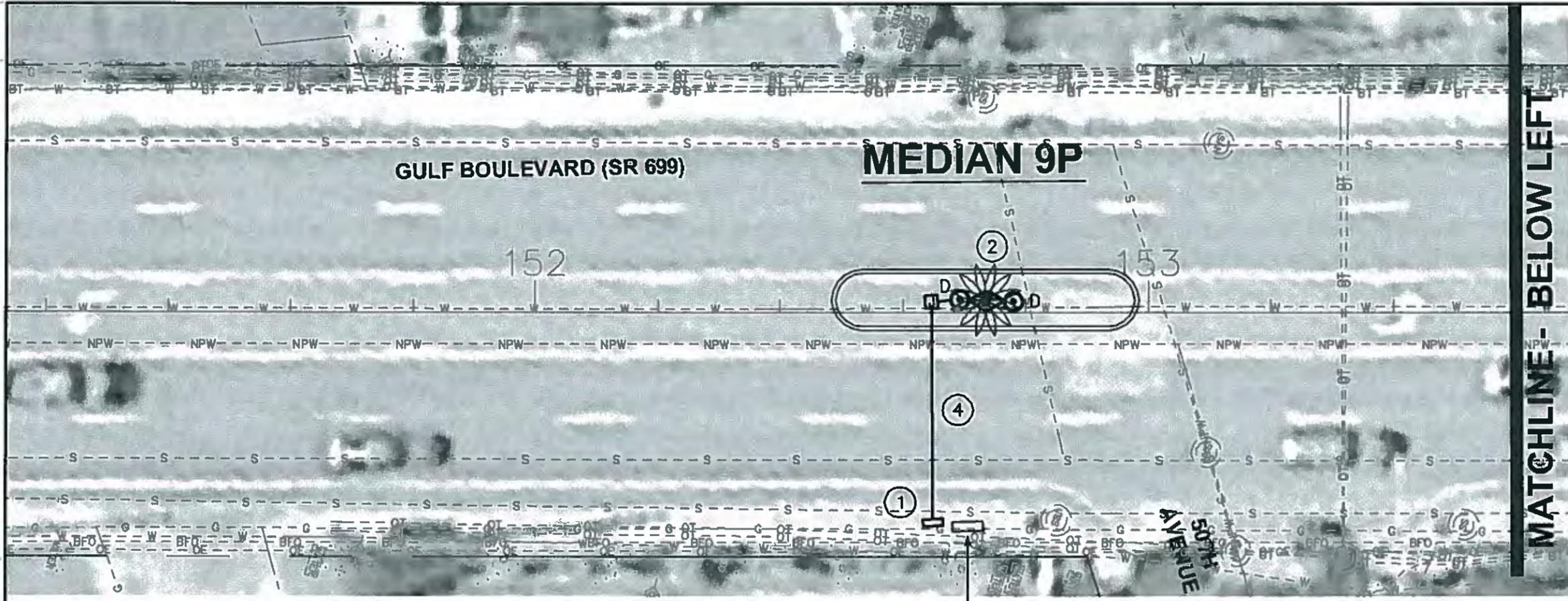
**CITY OF ST. PETE BEACH**

**LIGHTING PLANS**

**AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS**

JAN 28 2013  
ST. PETE BEACH  
CITY ENGINEER  
CITY CLERK

ES-10



PLANS PREPARED BY  
**KBA**  
 ENGINEERING, INC.  
 201 Florida Dr, Suite 100, Lutz, FL 33549  
 813-944-1845 VOICE 813-900-0784 FAX  
 Florida Engineering Business Number: 00000135

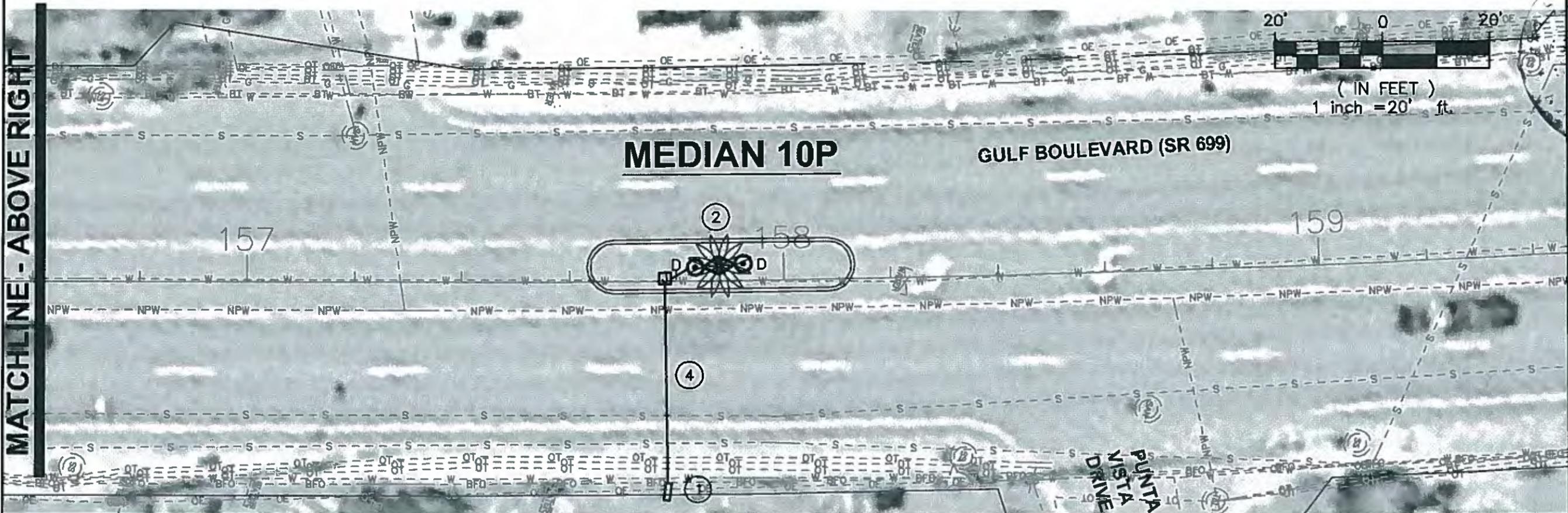
MATCHLINE- BELOW LEFT

PROJECT NUMBER	8140-J01
DATE	
DESIGNED BY	KC
CHECKED BY	AS SHOWN
DATE	
DESIGNED BY	SM
CHECKED BY	ELD

**GENESIS GROUP**  
 100 US HIGHWAY 301 N.W. SUITE 140 TAMPA FL 33613  
 Phone 813.620.4500 Fax 813.620.4980 www.GenesisGroup.com

CITY OF ST. PETE BEACH

SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



MATCHLINE- ABOVE RIGHT

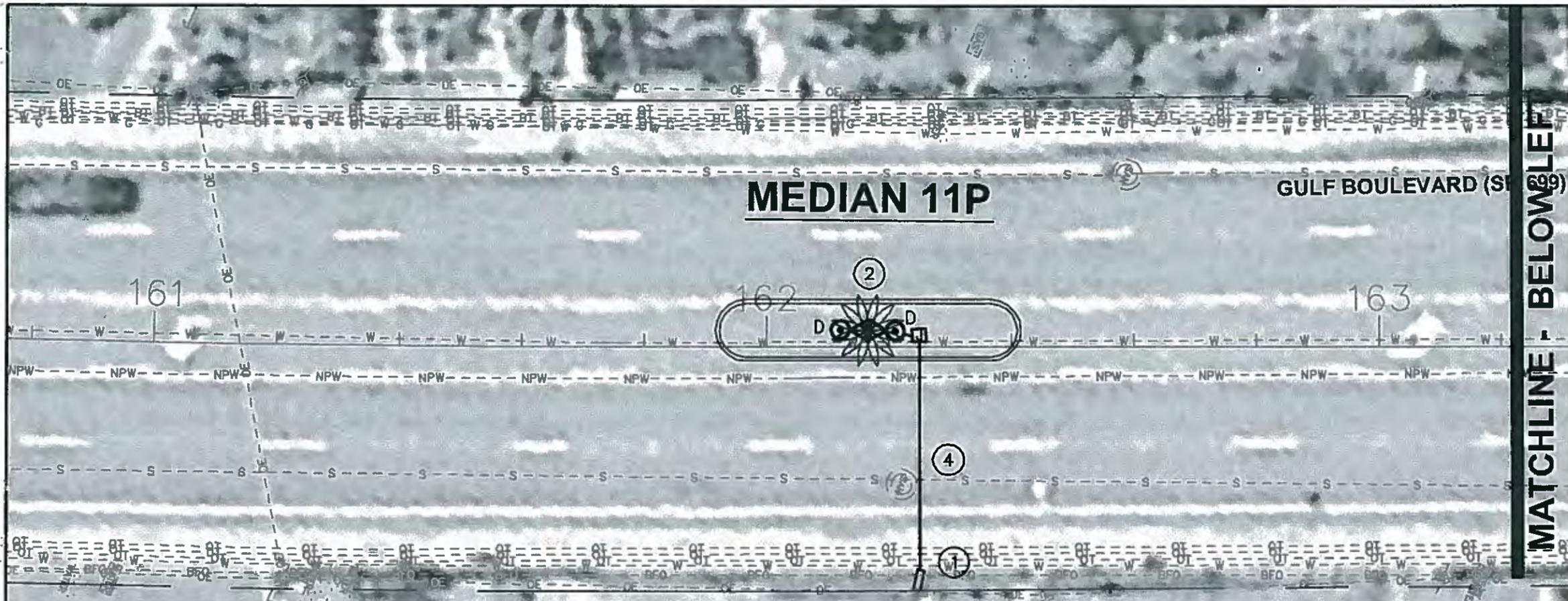


( IN FEET )  
 1 inch = 20' ft.

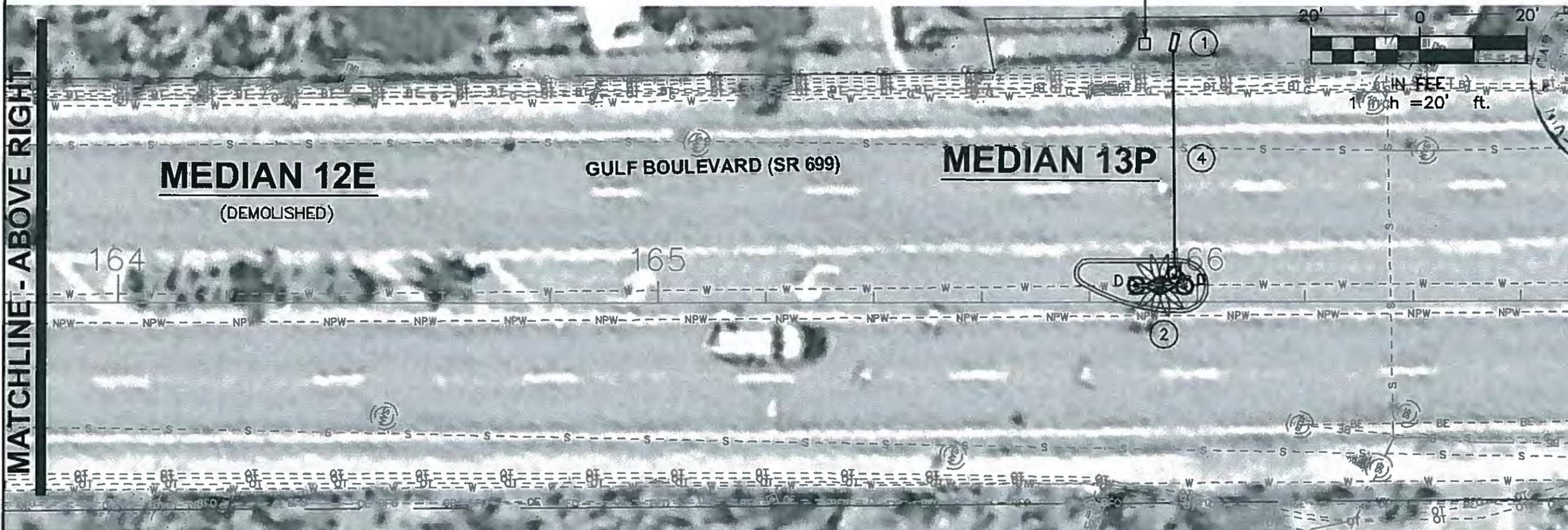
JAN 28 2013  
 ST. PETE BEACH  
 CITY ENGINEER

LIGHTING PLANS  
 AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS

**ES-11**



SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



PLANS PREPARED BY  
**K.B.A.**  
 ENGINEERING, INC.  
 201 Flagship Dr, Suite 100, Lutz, FL 33549  
 813-905-1845 VOICE 813-905-0764 FAX  
 Florida Engineering Business Number: 00000125

**FDOT PERMIT #**  
 2013-H-799-15

NO.	DATE	DESCRIPTION	REVISIONS

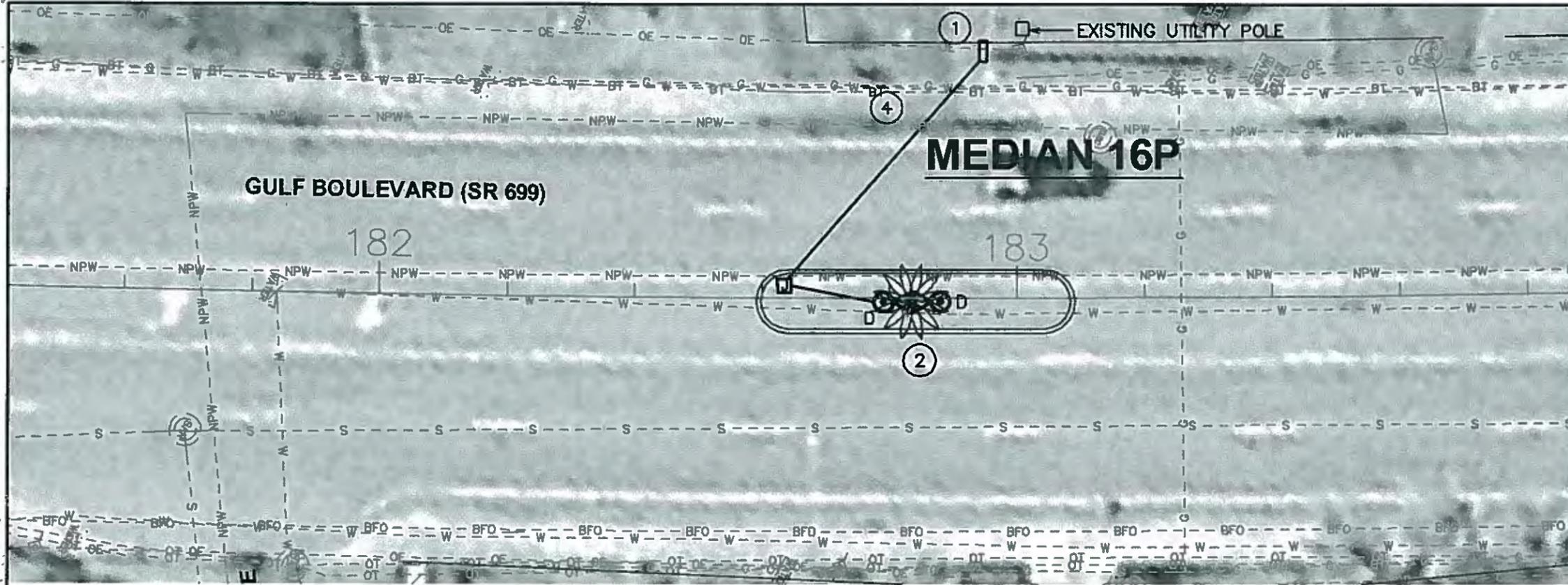
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PROJECT NAME	AS SHOWN
DESIGNED BY	KC
CHECKED BY	SM
DRAWN BY	ELD
DATE	

**GENESIS GROUP**  
 110 US HIGHWAY 301 NORTH, SUITE 140 TAMPA FL 33610  
 PHONE 813.520.4000 FAX 813.620.4980 WWW.GenesisGroup.com  
 CITY OF ST. PETE BEACH

**LIGHTING PLANS**  
**AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS**

JAN 28 2013  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER



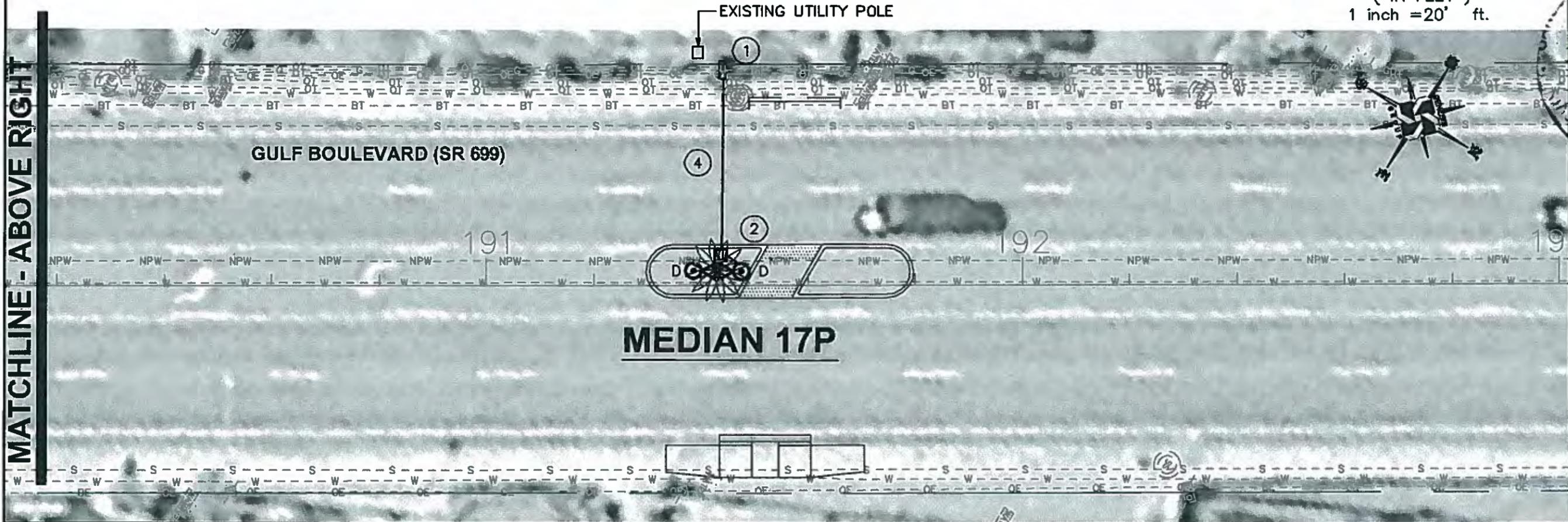


PLANS PREPARED BY  
**KBA**  
 ENGINEERING, INC.  
 201 Flagship Dr, Suite 100, Lutz, FL 33549  
 813-909-1845 VOICE 813-909-0764 FAX  
 Florida Engineering Business Number: 00009120

**MATCHLINE - BELOW LEFT**

( IN FEET )  
 1 inch = 20' ft.

SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



**GENESIS GROUP**  
 3010 US HIGHWAY 301 NORTH, SUITE 140 TAMPA FL 33611  
 Phone 813-820-1600 FAX 813-820-1990 www.GenesisGroup.com

**CITY OF ST. PETE BEACH**

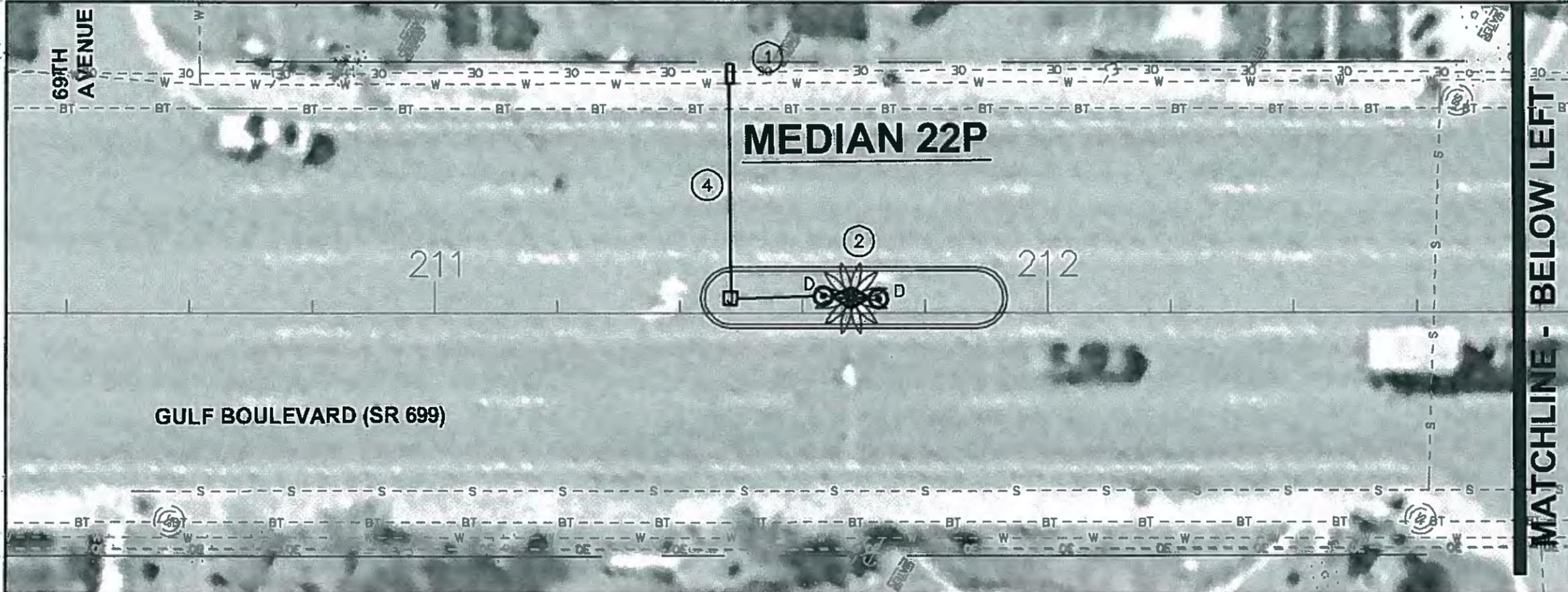
**LIGHTING PLANS**  
**AESTHETIC LIGHTING FOR**  
**LANDSCAPE MEDIANS**

**ES-14**

DATE: JAN 28 2013  
 PROJECT NO: 1140-001  
 SHEET NO: 14  
 DRAWN BY: SM  
 CHECKED BY: KC  
 SCALE: AS SHOWN





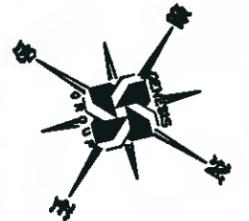


PLANS PREPARED BY  
**KBA**  
 ENGINEERING, INC.  
 201 Flagship Dr, Suite 100, Lutz, FL 33549  
 813-905-1545 VOICE 813-905-0766 FAX  
 Florida Engineering Certificate Number: 150000255

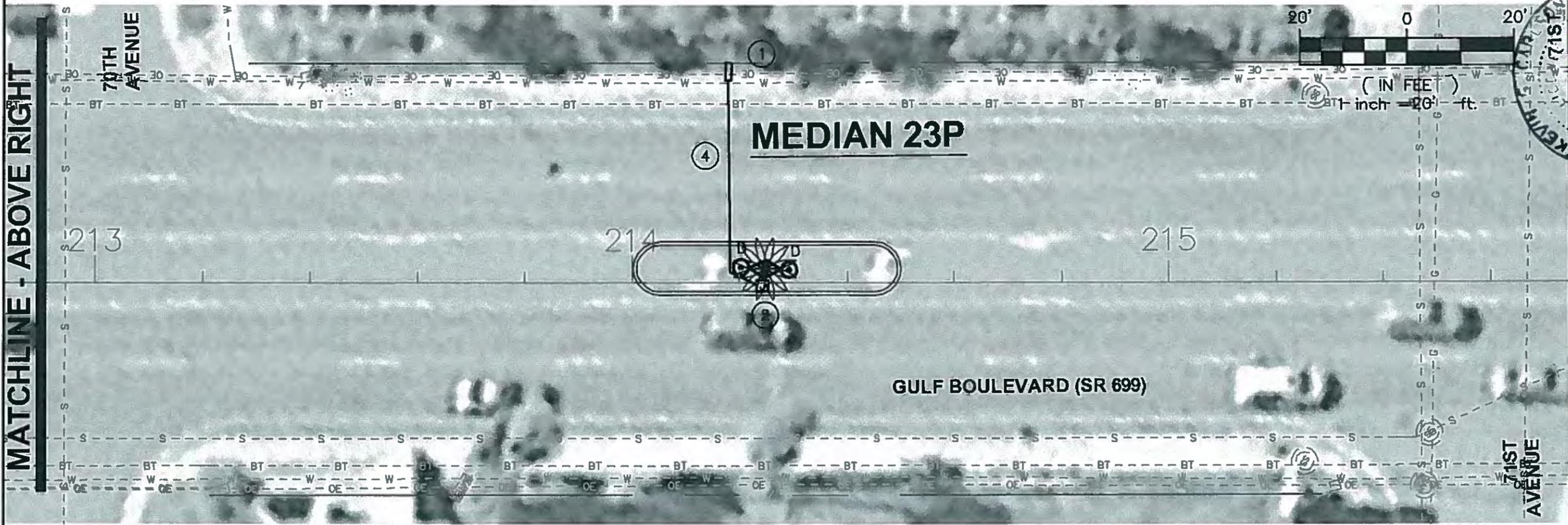
NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY

**GENESIS GROUP**  
 A DIVISION OF  
 3110 US HIGHWAY 301 NORTH, SUITE 140 TAMPA, FL 33611  
 PHONE 813.620.4500 FAX 813.620.4980 WWW.GENESISGROUP.COM

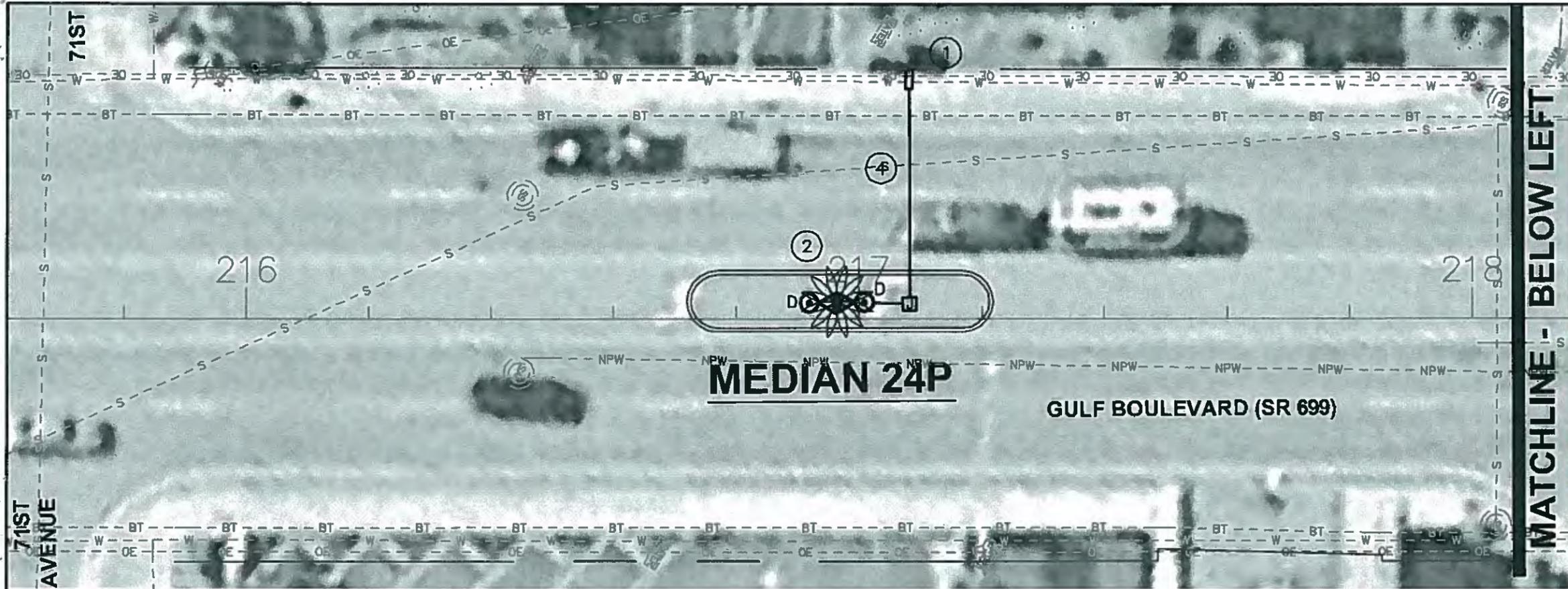
CITY OF ST. PETE BEACH



SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



LIGHTING PLANS  
 AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS



**FDOT PERMIT #**  
**2013-H-799-15**



PLANS PREPARED BY  
**KIB N**  
 ENGINEERING, INC.

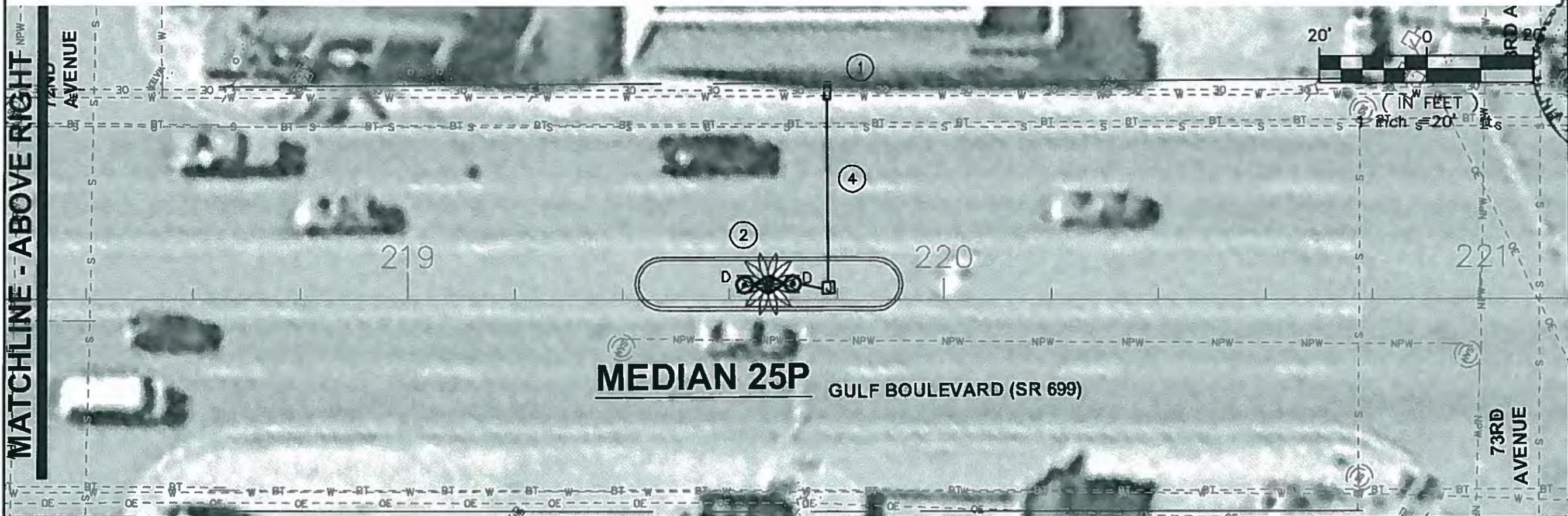
201 Flagship Dr, Suite 100, Lutz, FL 33549  
 813-903-1945 VOICE 813-608-0764 FAX  
 Florida Engineering Business Number: 00000125

NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	PROJECT NUMBER
1			SM	KC	8140-001
2			ELD	AS SHOWN	

**GENESIS GROUP**  
 3110 US HIGHWAY 301 NORTH, SUITE 140 TAMPA FL 33613  
 PHONE 813-820-4500 FAX 813-820-4980 WWW.GENESISGROUP.COM

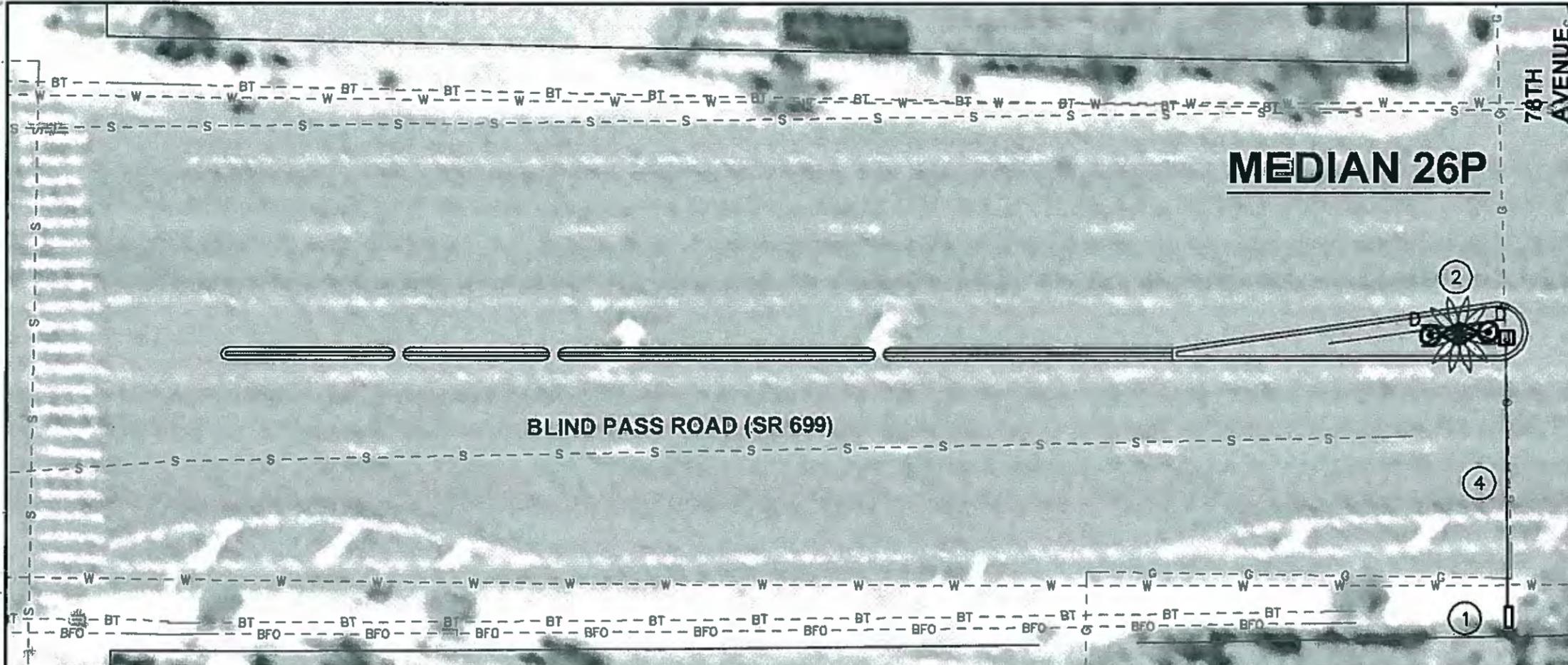
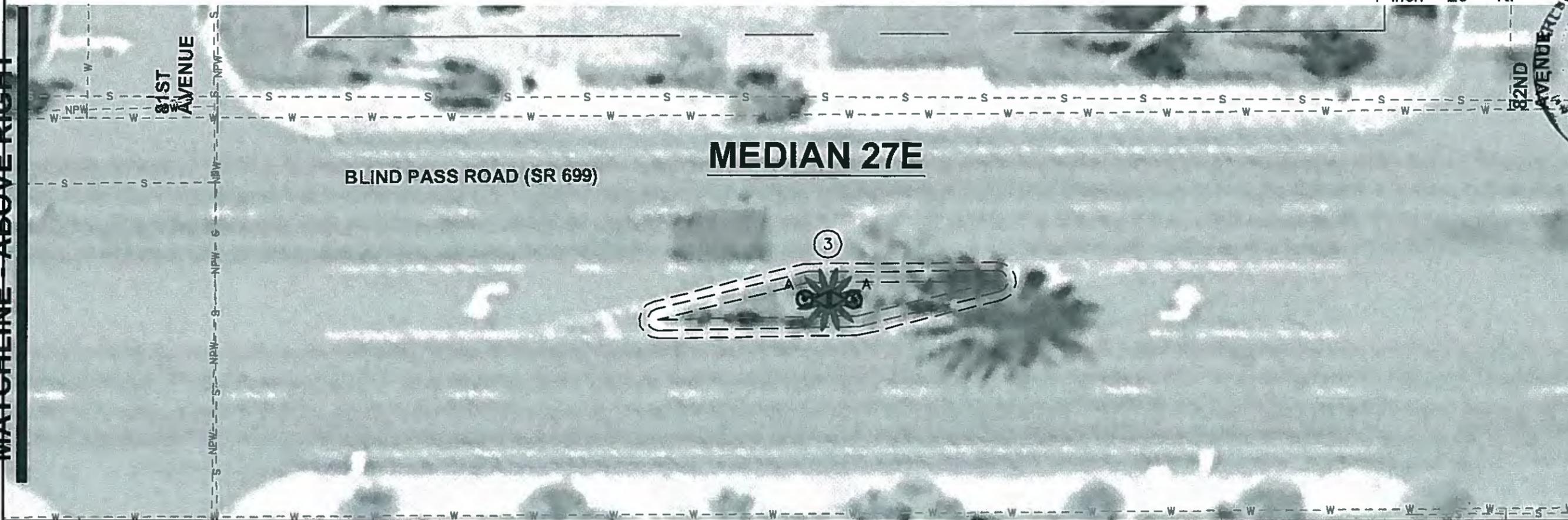
CITY OF ST. PETE BEACH

SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



**LIGHTING PLANS**  
**AESTHETIC LIGHTING FOR**  
**LANDSCAPE MEDIANS**

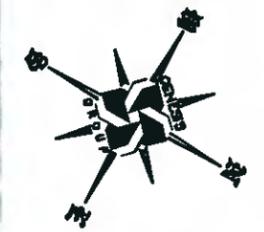
MATCHLINE ABOVE RIGHT



SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.

MATCHLINE - BELOW LEFT

( IN FEET )  
1 inch = 20' ft.



PLANS PREPARED BY

**KBA**

ENGINEERING, INC.

201 Flagler Dr, Suite 100, Lutz, FL 33549  
 813-905-1845 VOICE 813-905-0764 FAX  
 Florida Engineering Business Number: 18006225

**GENESIS GROUP**  
 110 US HIGHWAY 301 NORTH, SUITE 140 TAMPA, FL 33613  
 ONE 813.620.4500 FAX 813.620.4980 WWW.GENESISGROUP.CO.FL

CITY OF ST. PETE BEACH

LIGHTING PLANS

AESTHETIC LIGHTING FOR  
LANDSCAPE MEDIANS

ES-19



NO.	DATE	DESCRIPTION	REVISIONS

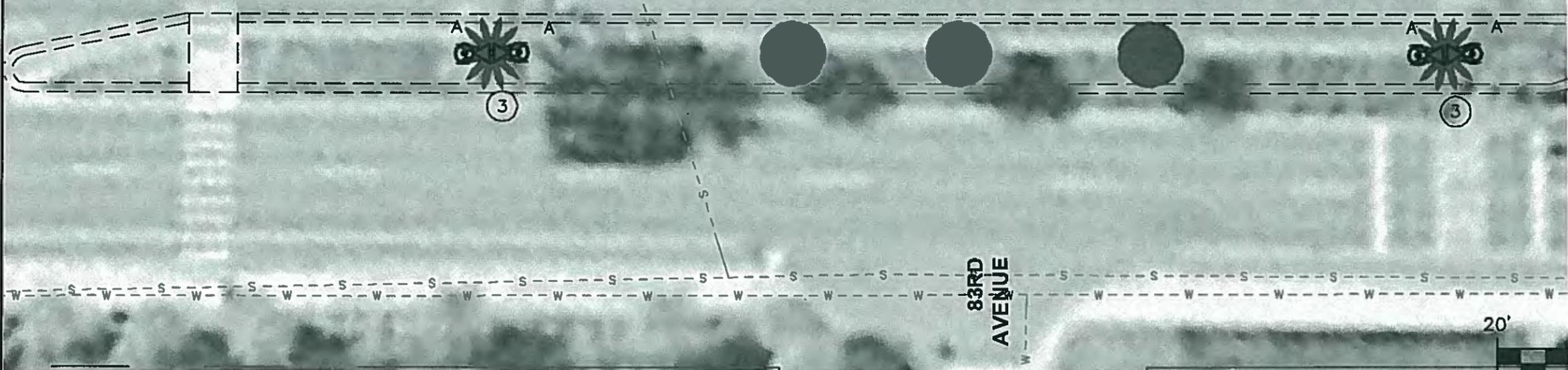
DESIGNED BY	SM	CHECKED BY	KC
DRAWN BY	ELD	SCALE	AS SHOWN
PROJECT NUMBER	614D-001	DATE	

PLANS PREPARED BY  
**KBA**  
 ENGINEERING, INC.

201 Flagship Dr, Suite 100, Lutz, FL 33549  
 813-943-1945 VOICE 813-900-0784 FAX  
 Florida Engineering Contract Number: 18000155

**MEDIAN 28E**

BLIND PASS ROAD (SR 699)



83RD AVENUE

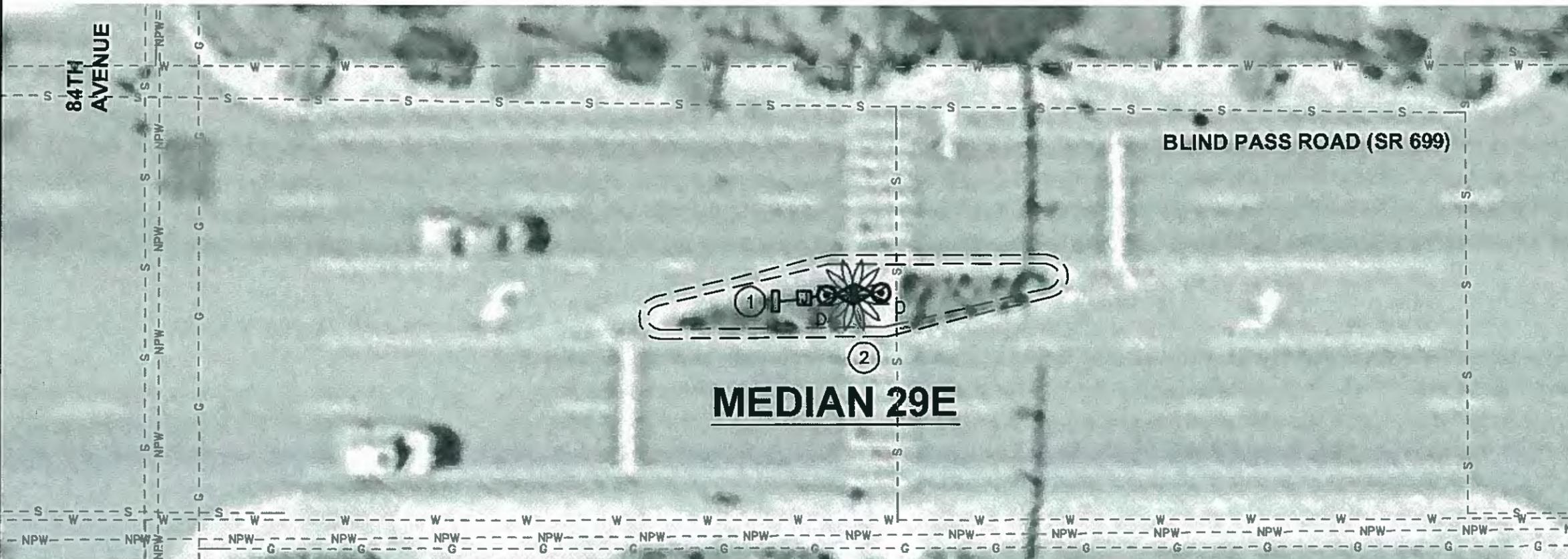


SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.

( IN FEET )  
 1 inch = 20' ft.

**MEDIAN 29E**

BLIND PASS ROAD (SR 699)



84TH AVENUE

85TH AVENUE

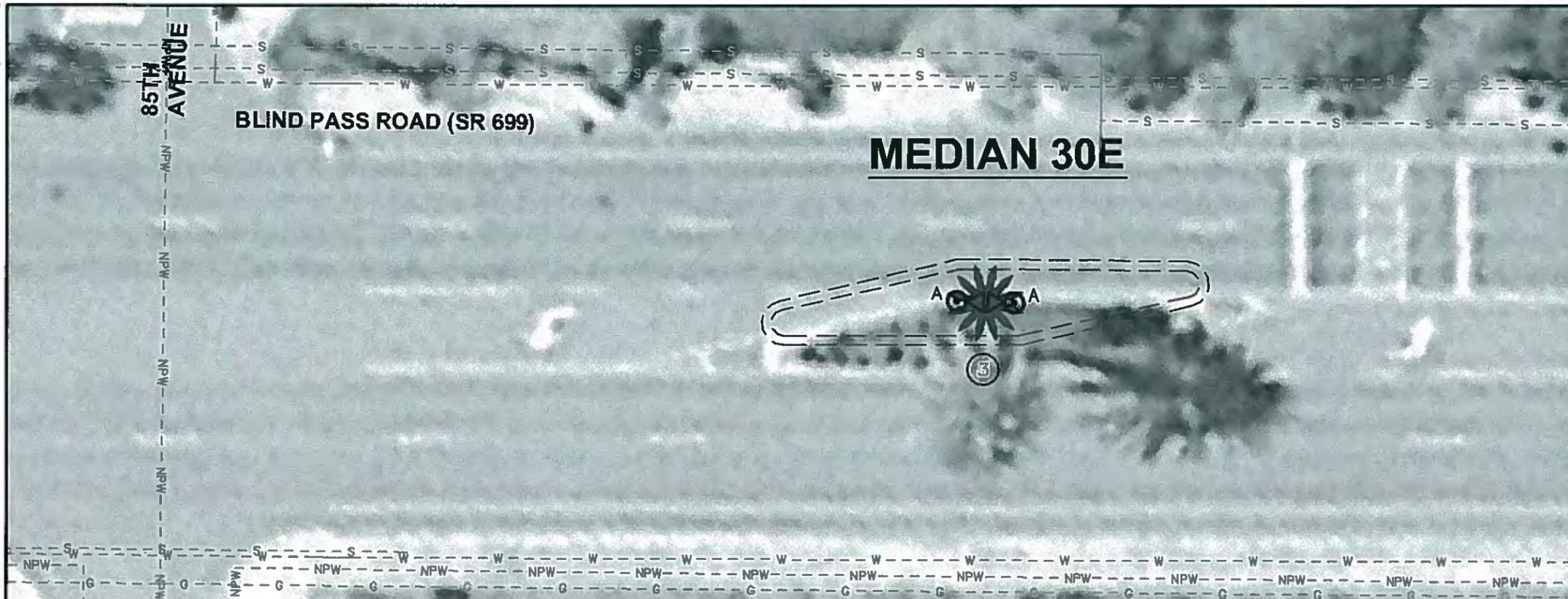
**GENESIS GROUP**  
 1000 VILLAGE DRIVE, SUITE 140 TAMPA, FL 33618  
 PHONE 813.820.4000 FAX 813.820.1980 WWW.GENESISGROUP.COM

CITY OF ST. PETE BEACH

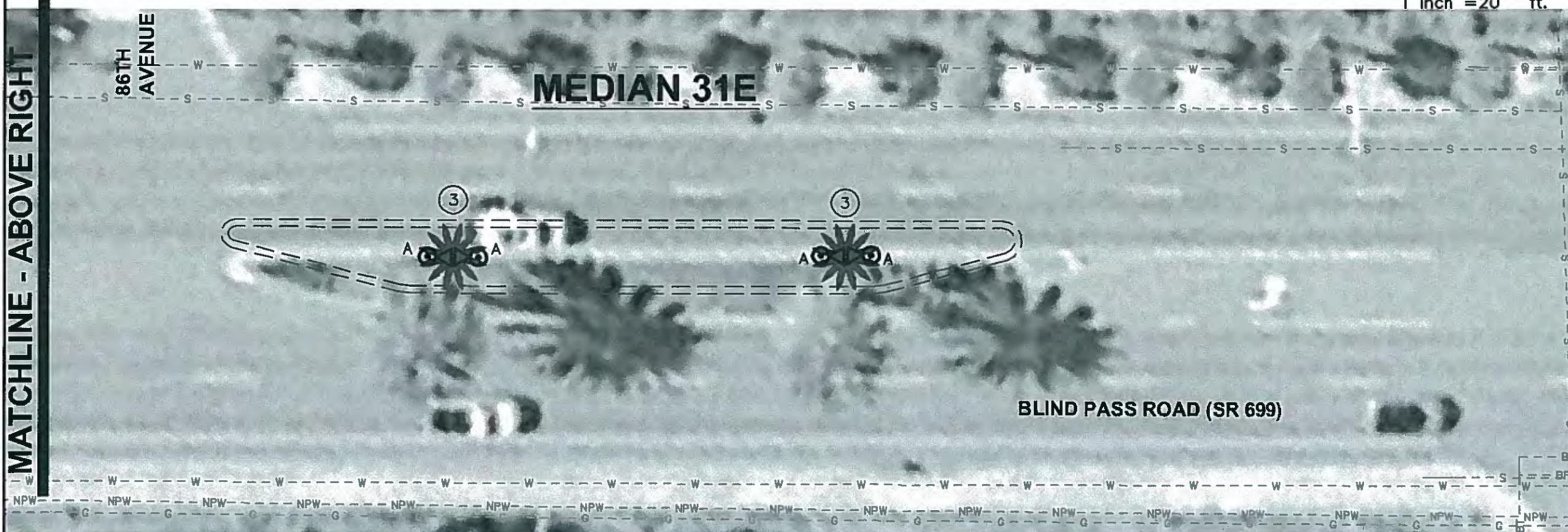
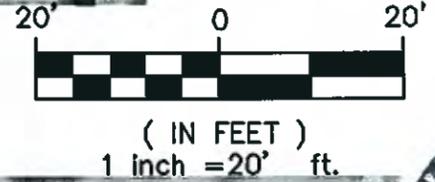


LIGHTING PLANS

AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS



SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



PLANS PREPARED BY  
**K.B.A.**  
 ENGINEERING, INC.

201 Flagship Dr, Suite 100, Lake, FL 32649  
 813-993-1845 VOICE 813-993-0784 FAX  
 Florida Engineering Business Number: 00000123

NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE

**GENESIS GROUP**  
 310 US HIGHWAY 301 NORTH, SUITE 140 TAMPA FL 33611  
 Phone 813.820.1500 Fax 813.820.4980 www.GenesisGroup.com

CITY OF ST. PETE BEACH



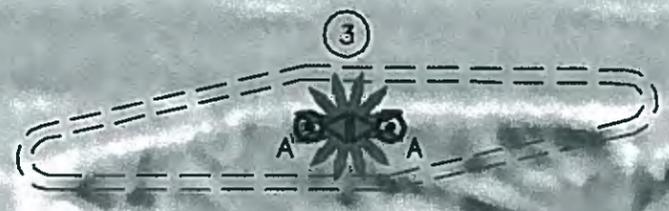
LIGHTING PLANS

AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS

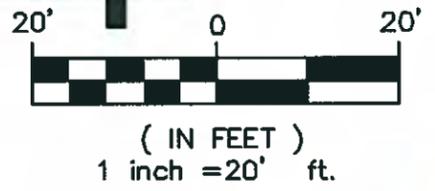
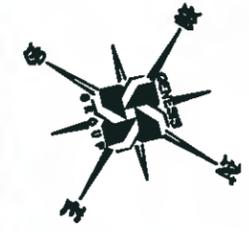
ES-21

# MEDIAN 32E

BLIND PASS ROAD (SR 699)



MATCHLINE - BELOW LEFT



SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.

# MEDIAN 33E

BLIND PASS ROAD (SR 699)



MATCHLINE - ABOVE RIGHT

PLANS PREPARED BY  
**KBA**  
ENGINEERING, INC.

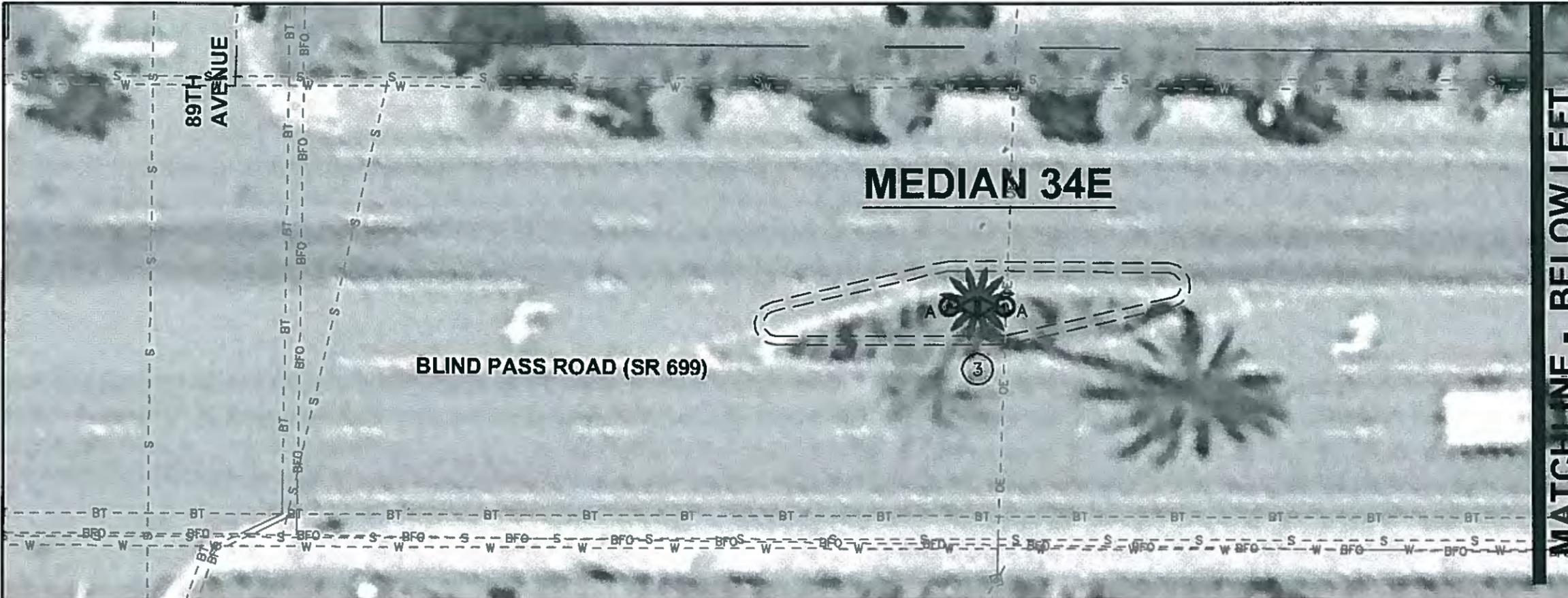
201 Flagship Dr, Suite 100, Lutz, FL 33549  
813-803-1845 VOICE 813-806-0784 FAX  
Florida Engineering Statute Number: 12222123

**GENESIS GROUP**  
A DIVISION OF  
330 US HIGHWAY 301 NORTH, SUITE 140 TAMPA FL 33613  
Phone 813.620.1000 Fax 813.620.1980 www.GenesisGroup.com

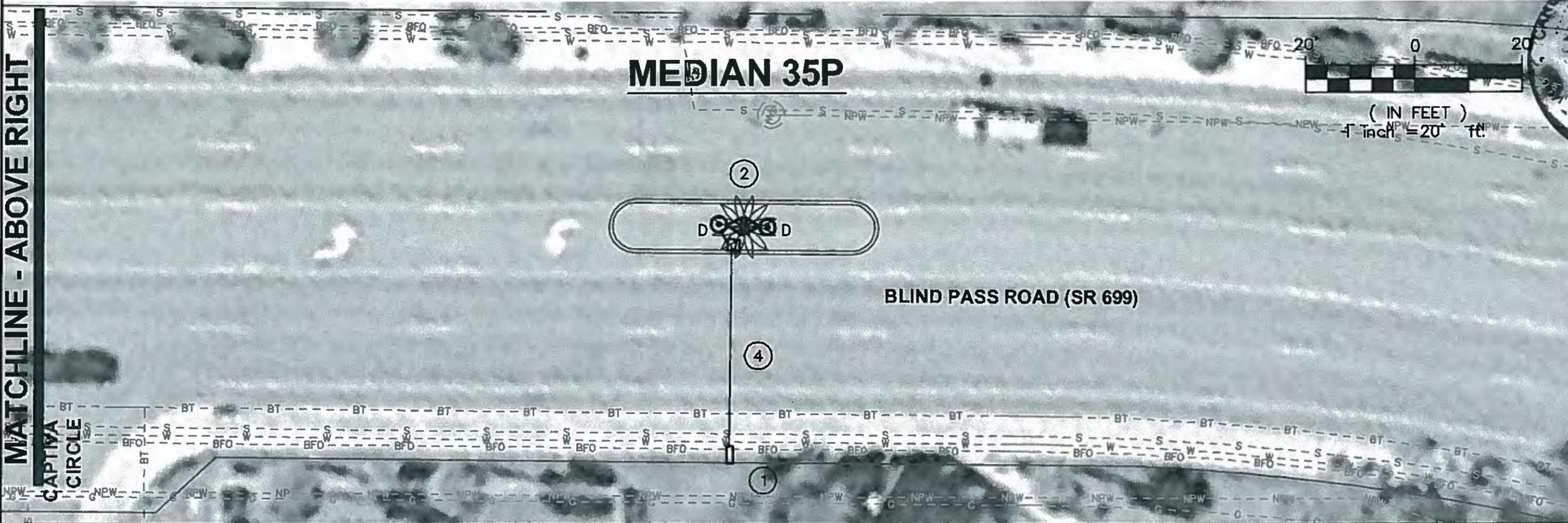
CITY OF ST. PETE BEACH



LIGHTING PLANS  
AESTHETIC LIGHTING FOR  
LANDSCAPE MEDIANS



SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



PLANS PREPARED BY  
**KBA**  
 ENGINEERING, INC.

201 Florida Dr, Suite 100, Lutz, FL 33549  
 813-903-1545 VOICE 813-903-0784 FAX  
 Florida Engineering License Number 15028615

**FDOT PERMIT #**  
 2013-H-799-15



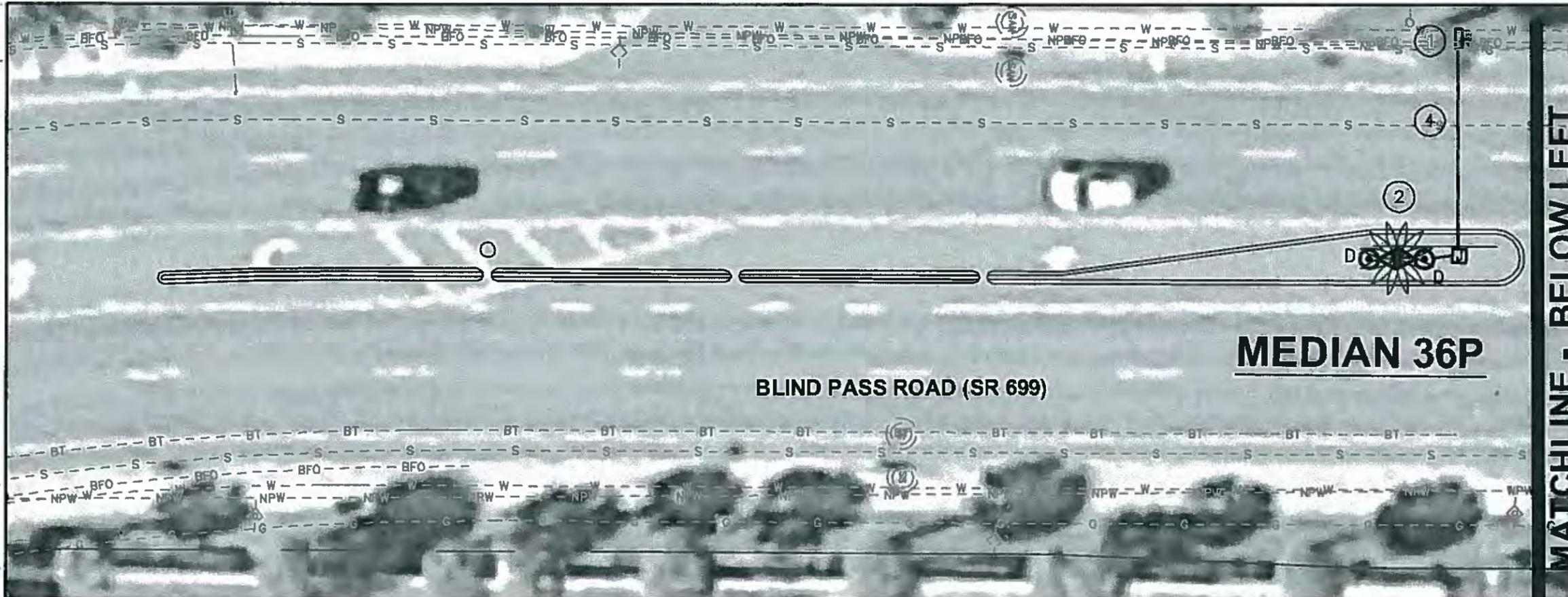
NO.	DATE	REVISIONS	DESIGNED BY	CHECKED BY	SCALE	AS SHOWN

**GENESIS GROUP**  
 1100 VINEY HAVEN DRIVE  
 10 US HIGHWAY 301 NORTH, SUITE 140 TAMPA, FL 33614  
 Phone 813-620-4600 FAX 813-620-4980 www.GenesisGroup.com

CITY OF ST. PETE BEACH



LIGHTING PLANS  
 AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS



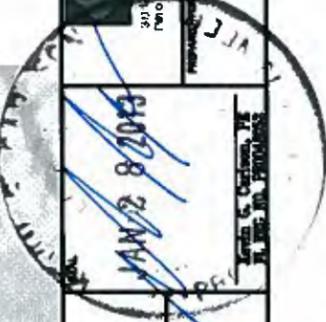
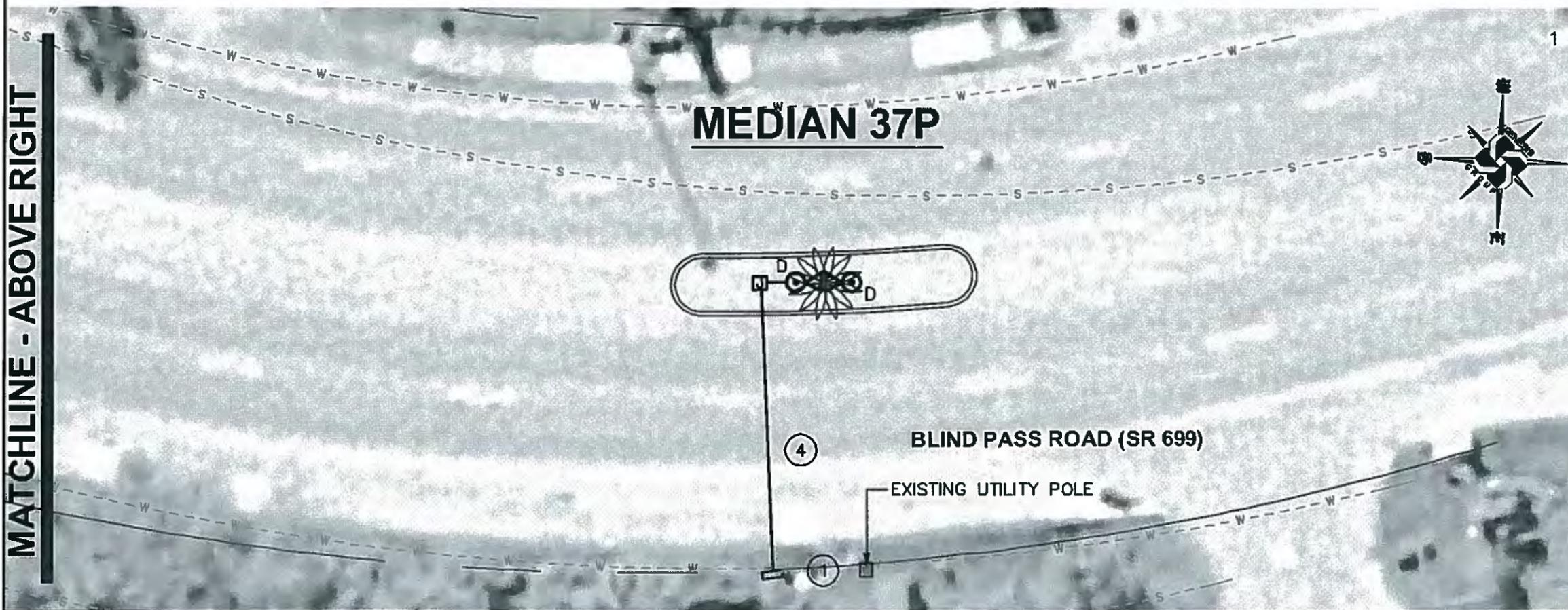
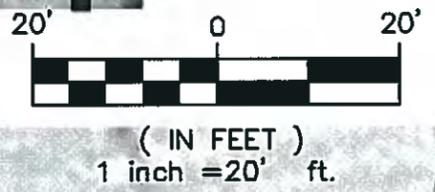
PLANS PREPARED BY  
**KBA**  
 ENGINEERING, INC.  
 301 Flagship Dr, Suite 100, Lutz, FL 33549  
 813-908-1845 VOICE 813-908-0784 FAX  
 Florida Engineering Station Number: 0000181

PROJECT NUMBER	5140-001	
PROJECT NAME	AS SHOWN	
DATE		
DESIGNED BY	SM	
CHECKED BY	ELD	
DATE		
REVISIONS		
NO.	DATE	DESCRIPTION

**GENESIS GROUP**  
 301 FLAGSHIP DRIVE, SUITE 100, LUTZ, FL 33549  
 813-908-1845 VOICE 813-908-0784 FAX  
 WWW.GENESISENGINEERING.COM

**CITY OF ST. PETE BEACH**

SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



**LIGHTING PLANS**  
**AESTHETIC LIGHTING FOR**  
**LANDSCAPE MEDIANS**

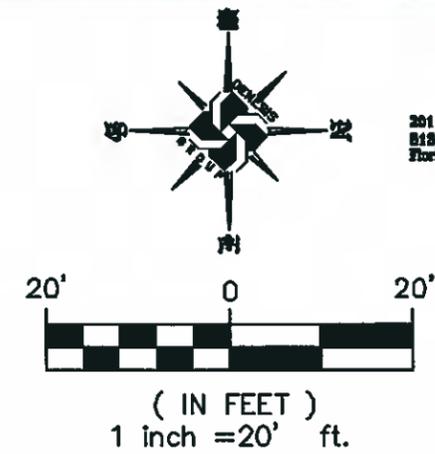
SHEET TITLE

**ES-24**

PLANS PREPARED BY



201 Flagship Dr, Suite 100, Lutz, FL 33549  
813-908-1845 VOICE 813-600-0784 FAX  
Florida Engineering Business Number: 0000123



SEE SHEET E-3 FOR LIGHTING DRAWING NOTES.



**GENESIS GROUP**  
3110 US HIGHWAY 301 NORTH, SUITE 140 TAMPA FL 33611  
Phone 813-820-1600 Fax 813-820-1990 www.genisgroup.com

CITY OF ST. PETE BEACH

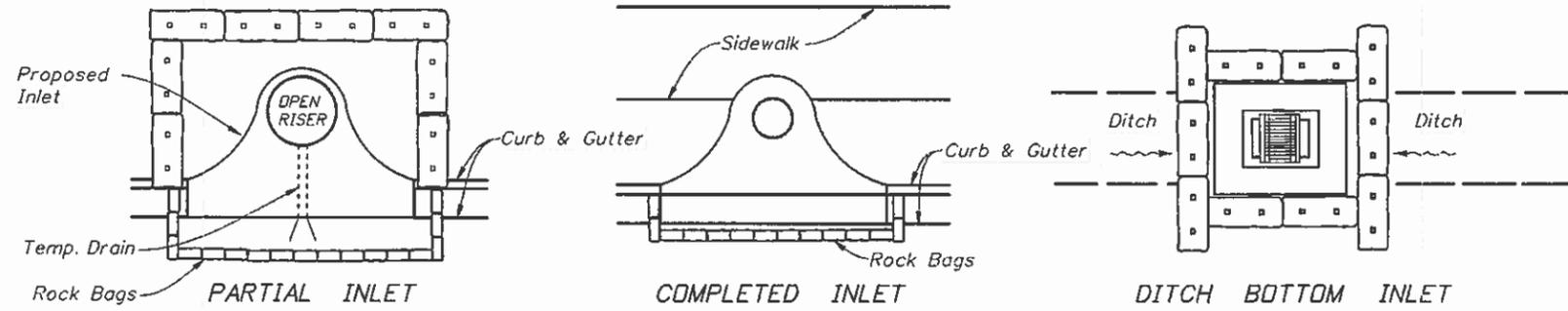


LIGHTING PLANS

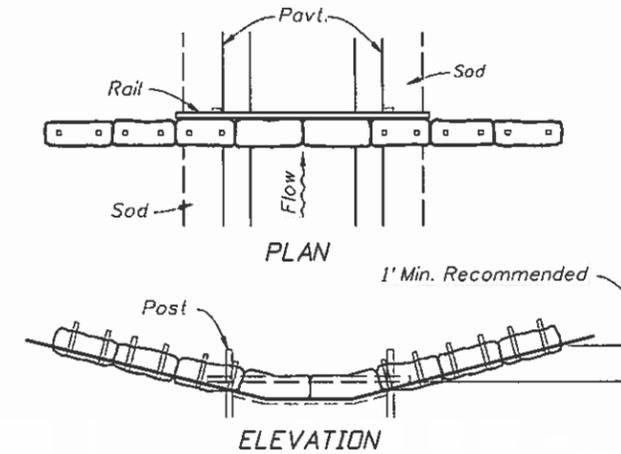
AESTHETIC LIGHTING FOR  
LANDSCAPE MEDIANS

ES-25

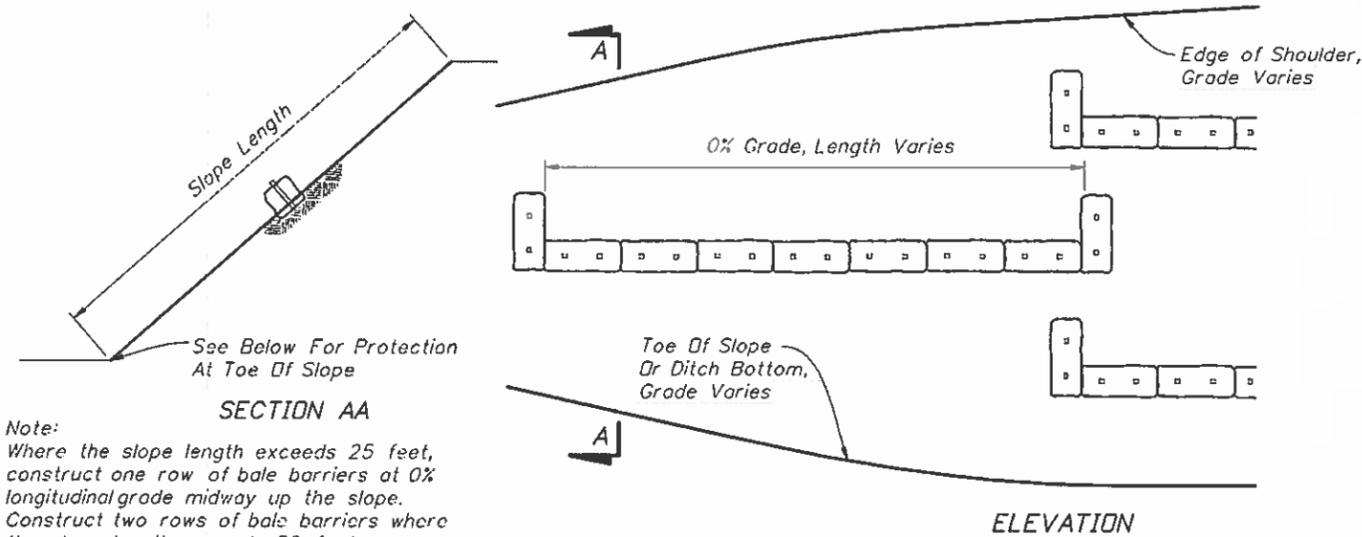




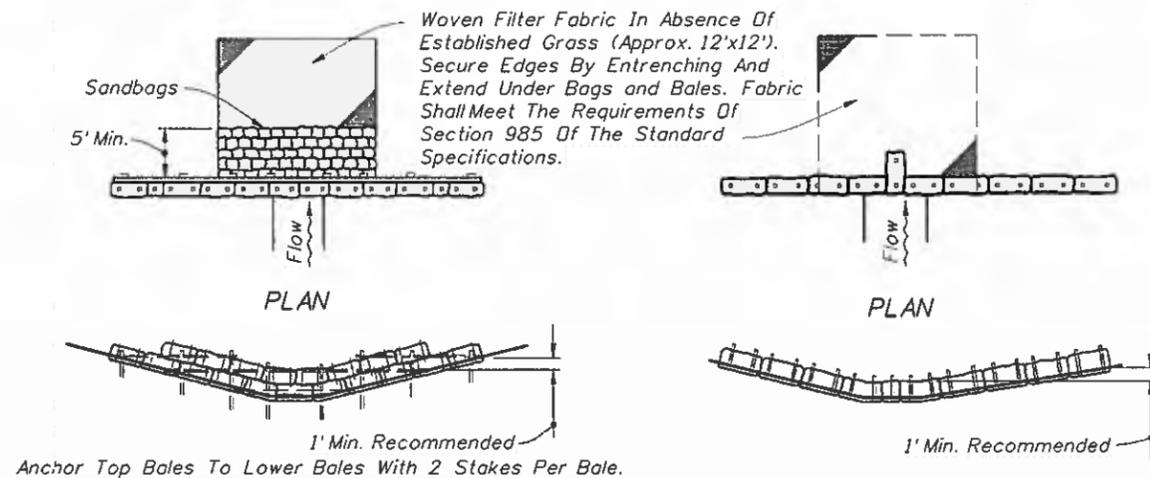
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



SYNTHETIC BALES OR BALE TYPE BARRIERS FOR PAVED DITCHES



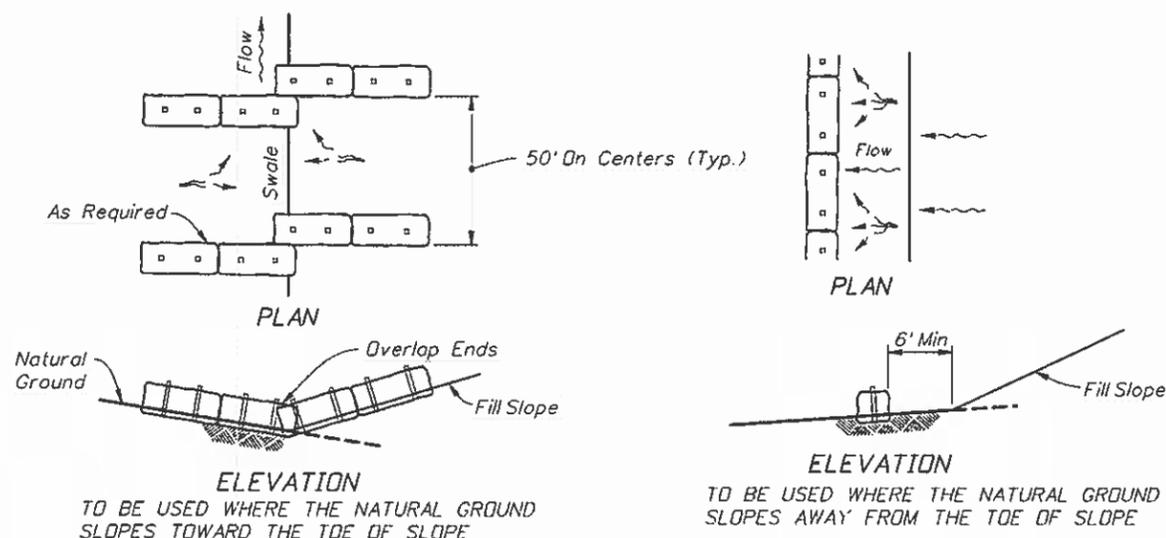
ALONG FILL SLOPE



SYNTHETIC BALES OR BALE TYPE BARRIERS FOR UNPAVED DITCHES

NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS

1. Type I and II Synthetic Barrier should be spaced in accordance with Chart 1, Sheet 1.
2. Bales shall be anchored with 2-1" x 2" (or 1" dia.) x 4' wood stakes. Stakes of other material or shape providing equivalent strength may be used if approved by the Engineer. Stakes other than wood shall be removed upon completion of the project.
3. Rails and posts shall be 2" x 4" wood. Other materials providing equivalent strength may be used if approved by the Engineer.
4. Adjacent bales shall be butted firmly together.
5. Where used in conjunction with silt fence, bales shall be placed on the upstream side of the fence.
6. Bales to be paid for under the contract unit price for Synthetic Bales, LF. The unit price shall include the cost of filter fabric for Type I and II Barriers. Sandbags shall be paid for under the unit price for Sandbagging, CY. Rock bags to be paid for under the contract unit price for Rock Bags, EA.



AT TOE OF SLOPE BARRIERS FOR FILL SLOPES

PROJECT NUMBER	6140-001
PROJECT TITLE	ROAD AS SHOWN
CHECKED BY	KC
DESIGNED BY	SM
DATE	ELD

**GENESIS GROUP**  
 FROM VISION TO REALITY  
 3910 US HIGHWAY 301 NORTH, SUITE 140, TAMPA, FL 33619  
 Phone 813.620.4500 Fax 813.620.4960 www.GenesisGroup.com  
 FL CA 00000000 FL LA 00000000

CITY OF ST. PETE BEACH

FDOT DETAILS  
 AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS



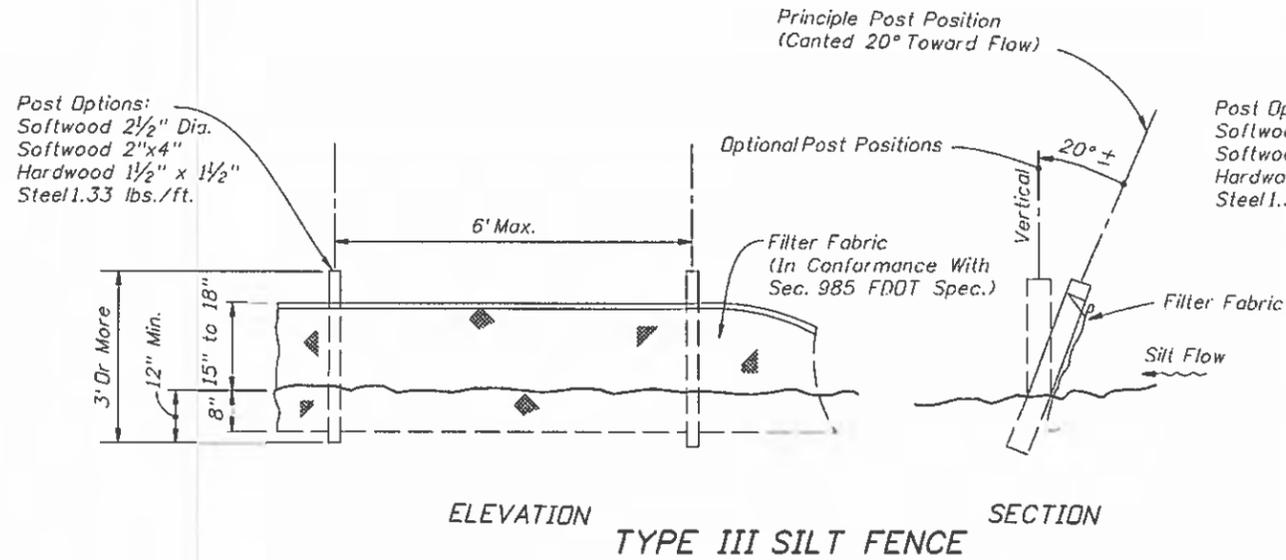
2010 FDOT Design Standards

TEMPORARY EROSION AND SEDIMENT CONTROL

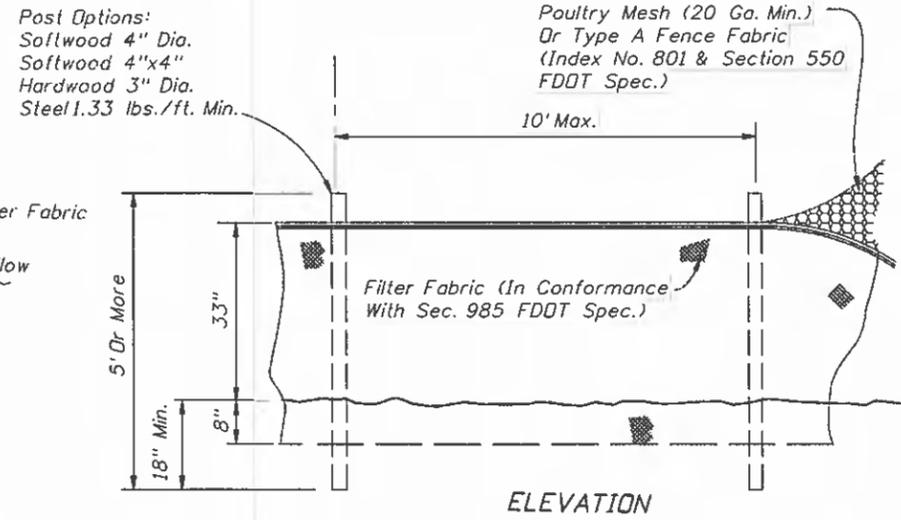
Last Revision  
 07/01/09  
 Sheet No.  
 2 of 3

Index No.  
 102

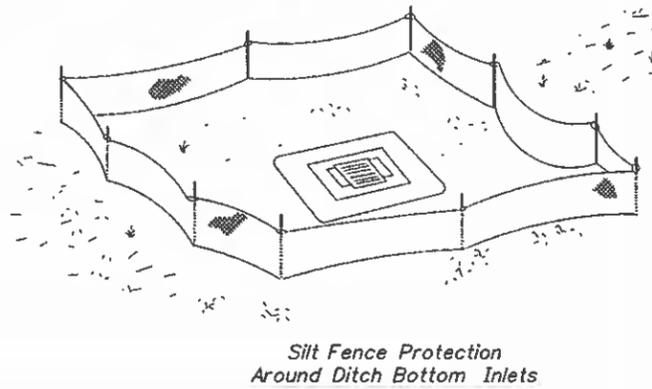
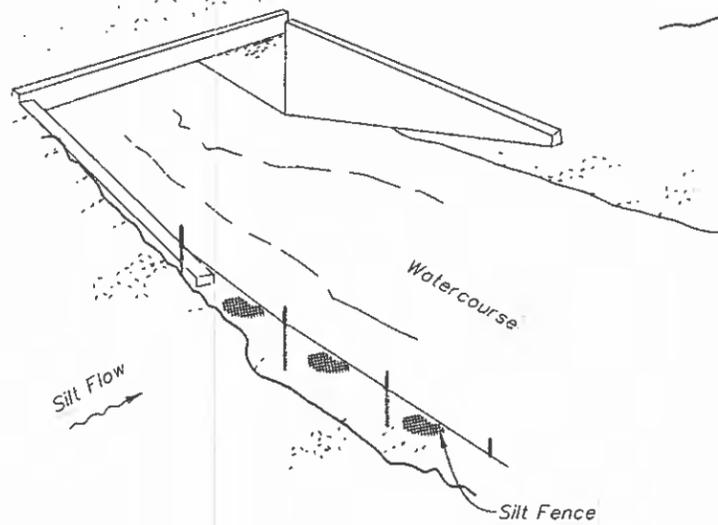
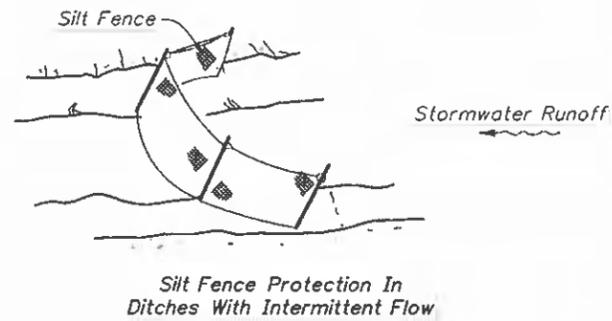
SHEET NUMBER  
 MOT-02



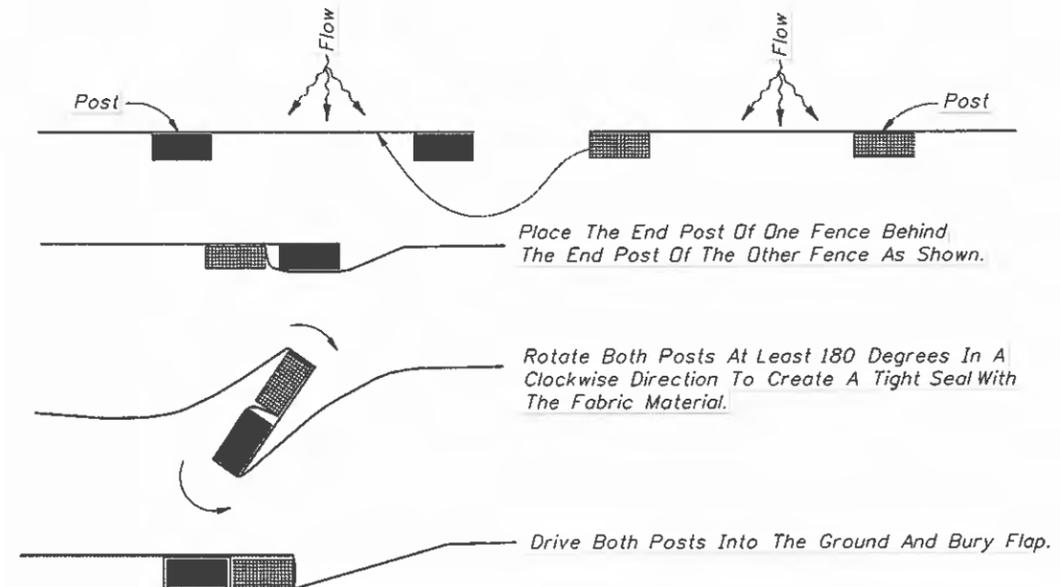
ELEVATION SECTION  
TYPE III SILT FENCE



ELEVATION SECTION  
TYPE IV SILT FENCE



SILT FENCE APPLICATIONS



PLAN VIEW  
JOINING TWO SILT FENCES

NOTES FOR SILT FENCES

1. Type III Silt Fence to be used at most locations. Where used in ditches, the spacing for Type III Silt fence shall be in accordance with Chart 1, Sheet 1.
2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detained water may back into travellones or off the right of way.
3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be at upland locations and turbidity barriers used at permanent bodies of water.
4. Where used as slope protection, Silt Fence is to be constructed on 0% longitudinal grade to avoid channelizing runoff along the length of the fence.
5. Silt Fence to be paid for under the contract unit price for Staked Silt Fence, (LF).

PROJECT NUMBER	6140-001
DATE	
DESIGNED BY	KC
CHECKED BY	SM
IN CHARGE	ELD
AS SHOWN	

**GENESIS GROUP**  
FROM VISION TO REALITY  
3910 US HIGHWAY 301 NORTH, SUITE 140, TAMPA, FL 33619  
Phone 813.620.4500 Fax 813.620.4980 www.GenesisGroup.com  
FL Lic. 0008815

CITY OF ST. PETE BEACH

FDOT DETAILS

AESTHETIC LIGHTING FOR  
LANDSCAPE MEDIANS



2010 FDOT Design Standards

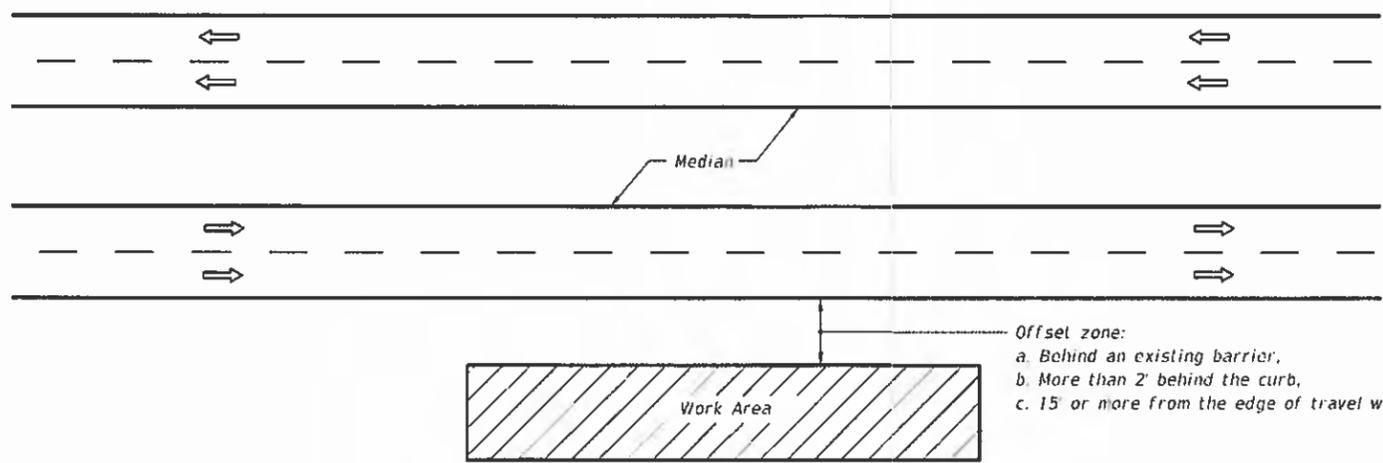
TEMPORARY EROSION AND SEDIMENT CONTROL

Last Revision 07/01/05 Sheet No. 3 of 3

Index No. 102

SHEET NUMBER MOT-03

6/28/2012 10:49:04 AM c:\projects\standards\roadway\00600-s\00611-01.dgn



**GENERAL NOTES**

1. If the work operation (excluding establishing and terminating the work area), requires that two or more work vehicles cross the offset zone in any one hour, traffic control will be in accordance with Index No. 612.
2. No special signing is required
3. This index also applies when work is being performed on a multilane undivided highway.
4. This index also applies to work performed in the median behind an existing barrier or more than 15' from the edge of travel way, both roadways. Work performed in the median behind curb and gutter shall be in accordance with Index No. 612.
5. When a side road intersects the highway within the work area, additional traffic control devices shall be placed in accordance with other applicable TCZ Indexes.
6. When construction activities encroach on a sidewalk, refer to Index No. 660.
7. For general TCZ requirements and additional information, refer to Index No. 600.

- SYMBOLS**
- Work Area
  - Lane Identification + Direction of Traffic

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE BEHIND AN EXISTING BARRIER, MORE THAN 2' BEHIND THE CURB, OR 15' OR MORE FROM THE EDGE OF TRAVEL WAY.

LAST REVISION	DESCRIPTION
07/01/05	

REVISION	DESCRIPTION



**FDOT DESIGN STANDARDS  
2013**

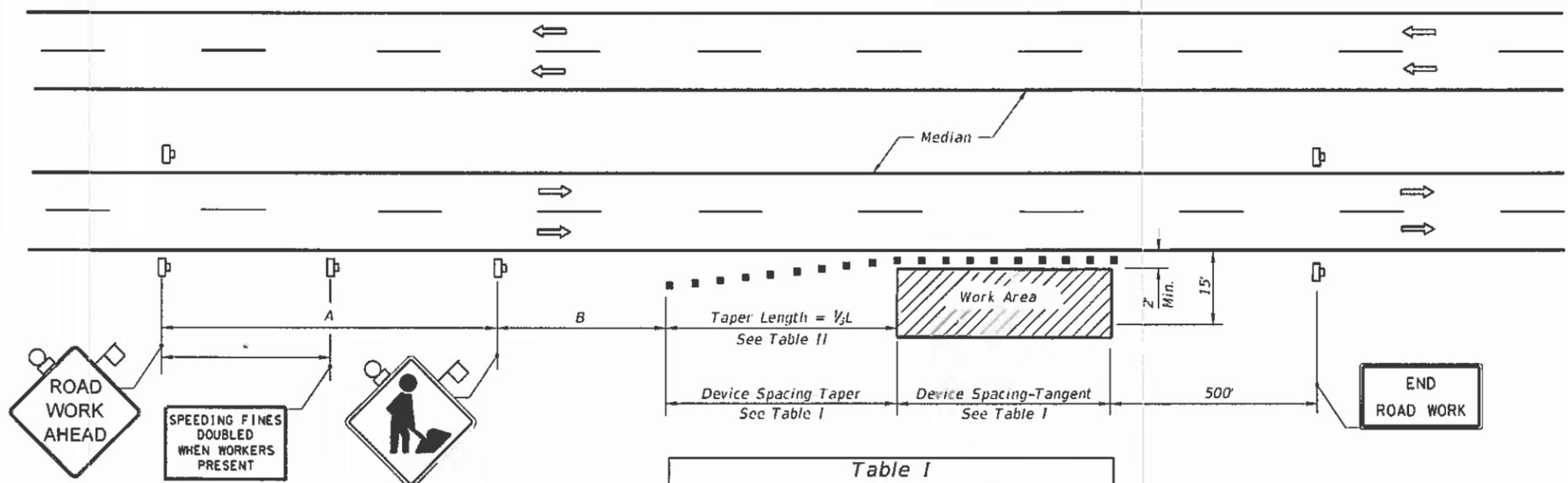
**MULTILANE WORK OUTSIDE SHOULDER**

INDEX NO.  
**611**

SHEET NO.  
**1**

<p><b>GENESIS GROUP</b> FROM VISION TO REALITY 3910 US HIGHWAY 301 NORTH, SUITE 140, TAMPA, FL 33619 Phone 813.620.4500 Fax 813.620.4980 www.GenesisGroup.com FL CA 00000000 FL LC 26000202</p>	<p><b>CITY OF ST. PETE BEACH</b></p>	<p><b>FDOT DETAILS</b></p> <p><b>AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS</b></p>																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>DESIGNED BY</th> <th>CHECKED BY</th> <th>PROJECT NUMBER</th> <th>PERMIT DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td>6140-001</td> <td> </td> </tr> </tbody> </table>	NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	PROJECT NUMBER	PERMIT DATE						6140-001		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REVISED FOR</th> <th>DATE</th> <th>BY</th> <th>REASON</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REVISED FOR	DATE	BY	REASON					<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DESIGNED BY</th> <th>CHECKED BY</th> <th>PROJECT NUMBER</th> </tr> </thead> <tbody> <tr> <td>SM</td> <td>KC</td> <td>6140-001</td> </tr> </tbody> </table>	DESIGNED BY	CHECKED BY	PROJECT NUMBER	SM	KC	6140-001
NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	PROJECT NUMBER	PERMIT DATE																								
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<b>MOT-04</b>																														

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 6/28/2012 10:30:17 AM rd960rh



Speed	Spacing (ft.)	
	A	B
40 mph or less	200	200
45 mph	350	350
50 mph or greater	500	500

\* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50
50 to 70	25	50	50	100

Speed (mph)	$\frac{1}{2}L$ (ft.)			Notes
	8' Shldr.	10' Shldr.	12' Shldr.	
25	28	35	42	$L = \frac{WS^2}{60}$
30	40	50	60	
35	55	68	82	
40	72	90	107	$L = WS$
45	120	150	180	
50	133	167	200	
55	147	183	220	
60	160	200	240	
65	173	217	260	
70	187	233	280	

8' minimum shoulder width.

$\frac{1}{2}L$  = Length of shoulder taper in feet

W = Width of total shoulder in feet (combined paved and unpaved width)

S = Posted speed limit (mph)

**CONDITIONS**

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 2' TO THE EDGE OF TRAVEL WAY.

**SYMBOLS**

- Work Area
- Sign With 18" X 18" (Min) Orange Flag And Type B Light
- Channelizing Device (See Index No 600)
- Work Zone Sign
- Lane Identification + Direction of Traffic

**GENERAL NOTES**

- If the work operation encroaches on the through traffic lanes or when four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), a flagger shall be provided and a FLAGGER sign shall be substituted for the WORKERS sign. The flagger shall be positioned at the point of vehicle entry or departure from the work area.
- This TCZ plan also applies to work performed in the median more than 2' but less than 15' from the edge of travelway.
- When work is being performed on a multilane undivided roadway the signs normally mounted in the median (as shown) shall be omitted.
- WORKERS signs to be removed or fully covered when no work is being performed
- SHOULDER WORK sign may be used as an alternate to the WORKER symbol sign.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
- For general TCZ requirements and additional information, refer to Index No. 600.

**DURATION NOTES**

- Signs and channelizing devices may be omitted if all of the following conditions are met:
  - Work operations are 60 minutes or less.
  - Vehicles in the work area have high-intensity, rotating, flashing, oscillating, or strobe lights operating.

PROJECT NUMBER	6140-001
DATE	
DESIGNED BY	SM
CHECKED BY	KC
DATE	
DESIGNED BY	ELD
CHECKED BY	AS SHOWN
DATE	

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**CITY OF ST. PETE BEACH**

**FDOT DETAILS**

**AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS**

LAST REVISION	DESCRIPTION:
07/01/07	

REVISION	
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**FDOT DESIGN STANDARDS 2013**

**MULTILANE, WORK ON SHOULDER**

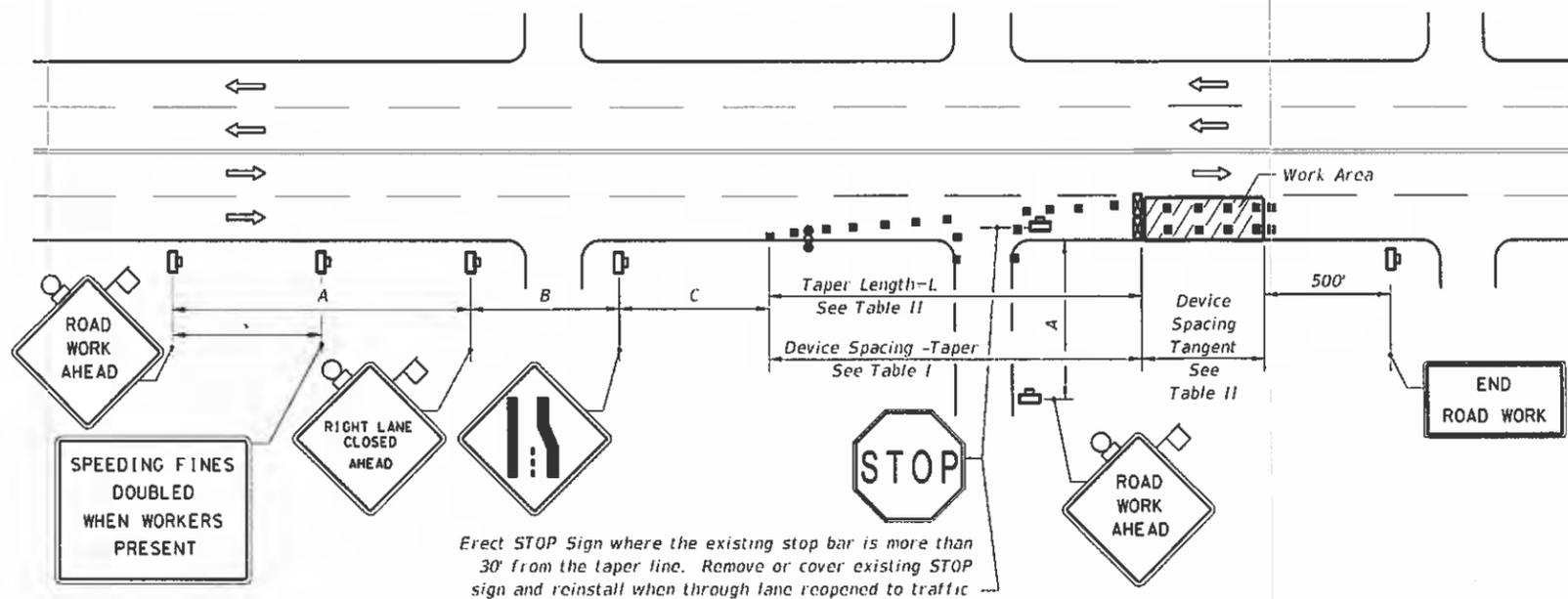
INDEX NO.	612
SHEET NO.	1

SHEET TITLE  
 PROJECT NAME  
**MOT-05**



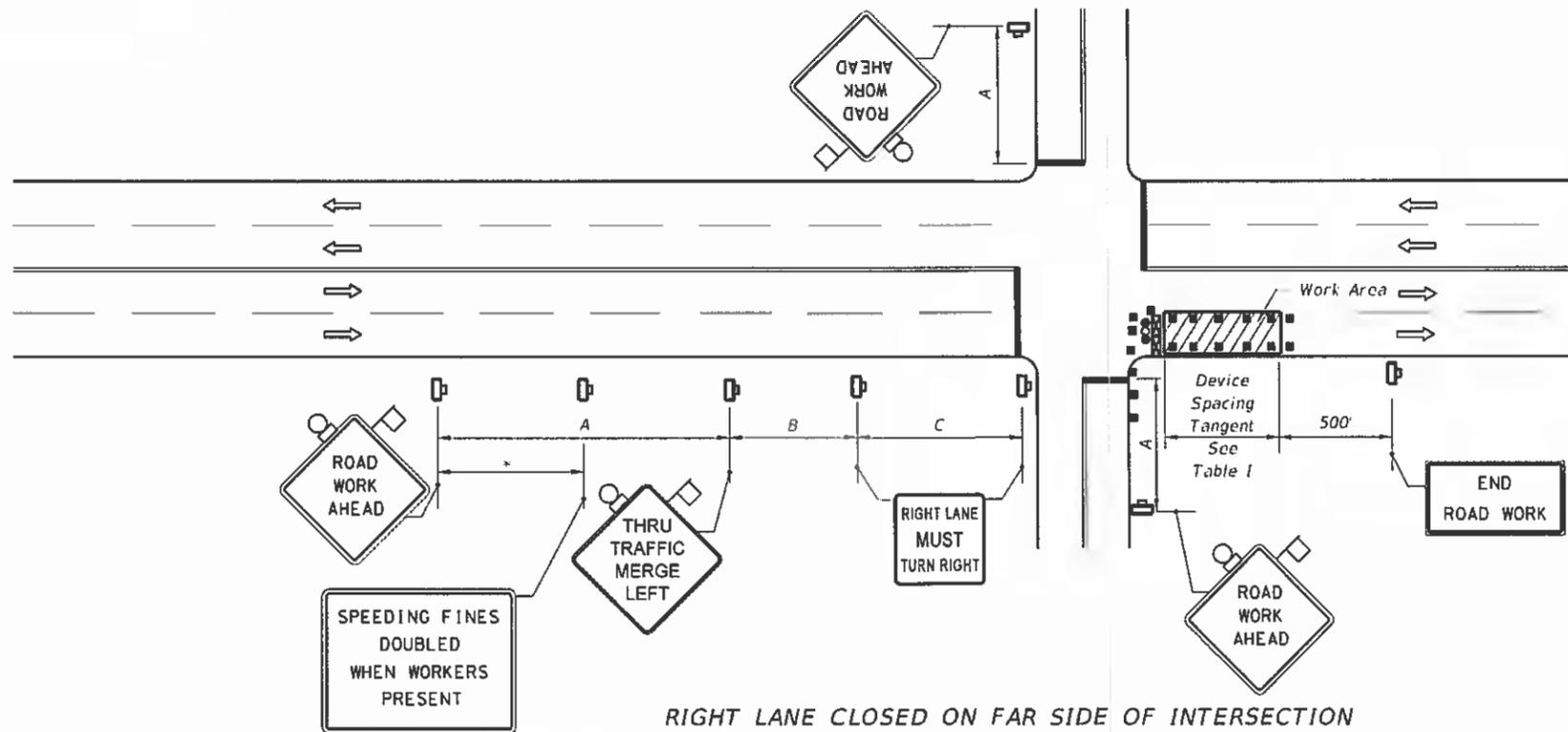






Erect STOP Sign where the existing stop bar is more than 30' from the taper line. Remove or cover existing STOP sign and reinstall when through lane reopened to traffic

RIGHT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET



RIGHT LANE CLOSED ON FAR SIDE OF INTERSECTION WITH SIGNIFICANT RIGHT TURNING MOVEMENTS

1. The normal procedure is to close on the near side of the intersection any lane that is not carried through the intersection. However, when this results in the closure of a right lane having significant right turning movements, then the right lane may be restricted to right turns only as shown in this detail.

2. For intersection approaches reduced to a single lane, left turning movements may be prohibited to maintain capacity for through vehicular traffic.

Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350

\* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

Speed (mph)	L (ft)	Notes (Merge)
25	125	$L = \frac{WS^2}{60}$
30	180	
35	245	
40	320	L=WS
45	540	

For lateral transitions other than 12', use formula for L shown in the notes column. Where:

L = Length of taper in feet  
W = Width of lateral transition in feet  
S = Posted speed limit (mph)

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LAST REVISION	DESCRIPTION
07/01/09	

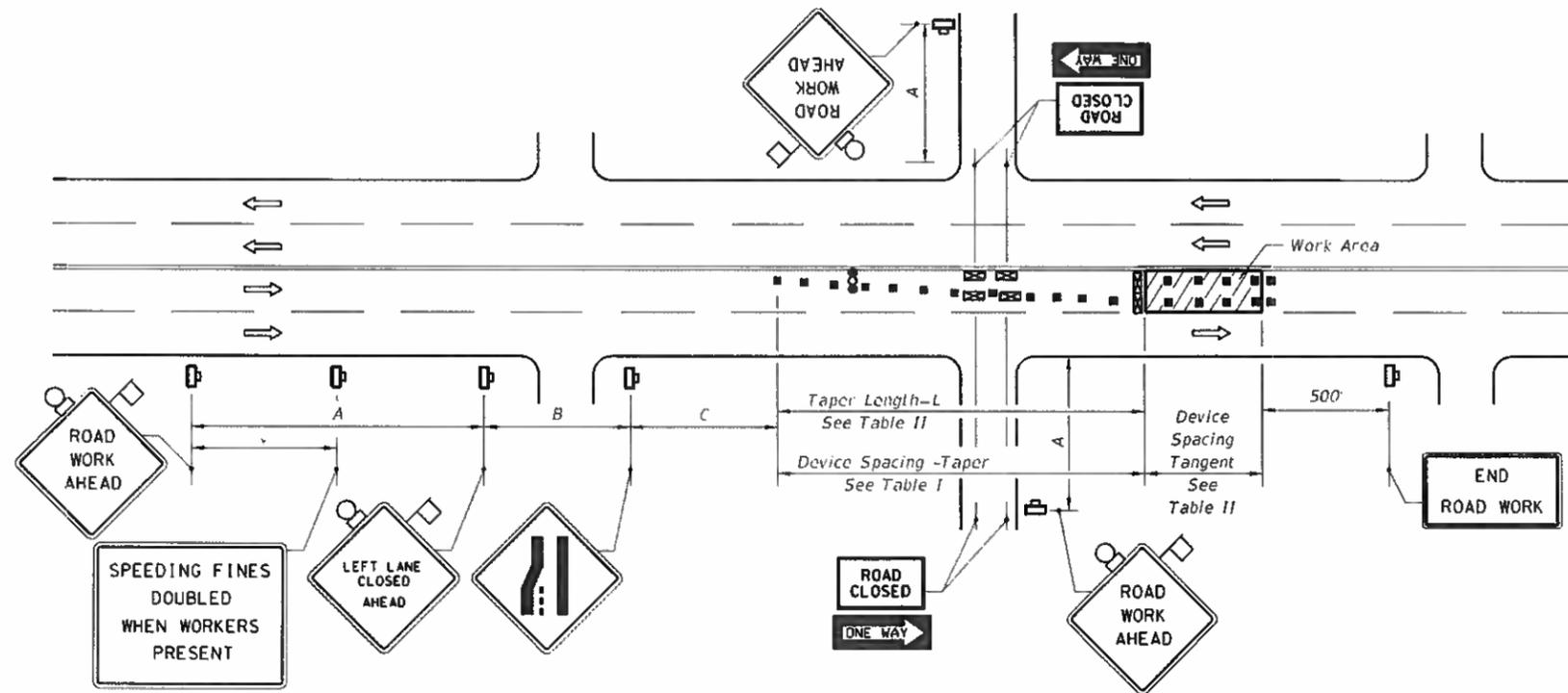


FDOT DESIGN STANDARDS  
2013

MULTILANE, WORK NEAR INTERSECTION  
MEDIAN OR OUTSIDE LANE

INDEX NO.	SHEET NO.
616	2

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 Phone 813.920.4500 Fax 813.620.4950 www.GenesisGroup.com  
 FL CA 00000000 FL LE 000015  
 PREPARED FOR: CITY OF ST. PETE BEACH  
 SHEET TITLE: FDOT DETAILS  
 PROJECT NUMBER: AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS  
 SHEET NUMBER: MOT-09  
 PROJECT NUMBER: 6140-001  
 COUNTY: KC  
 ROAD: AS SHOWN  
 ELD: ELD  
 SM: SM  
 DATE: DATE

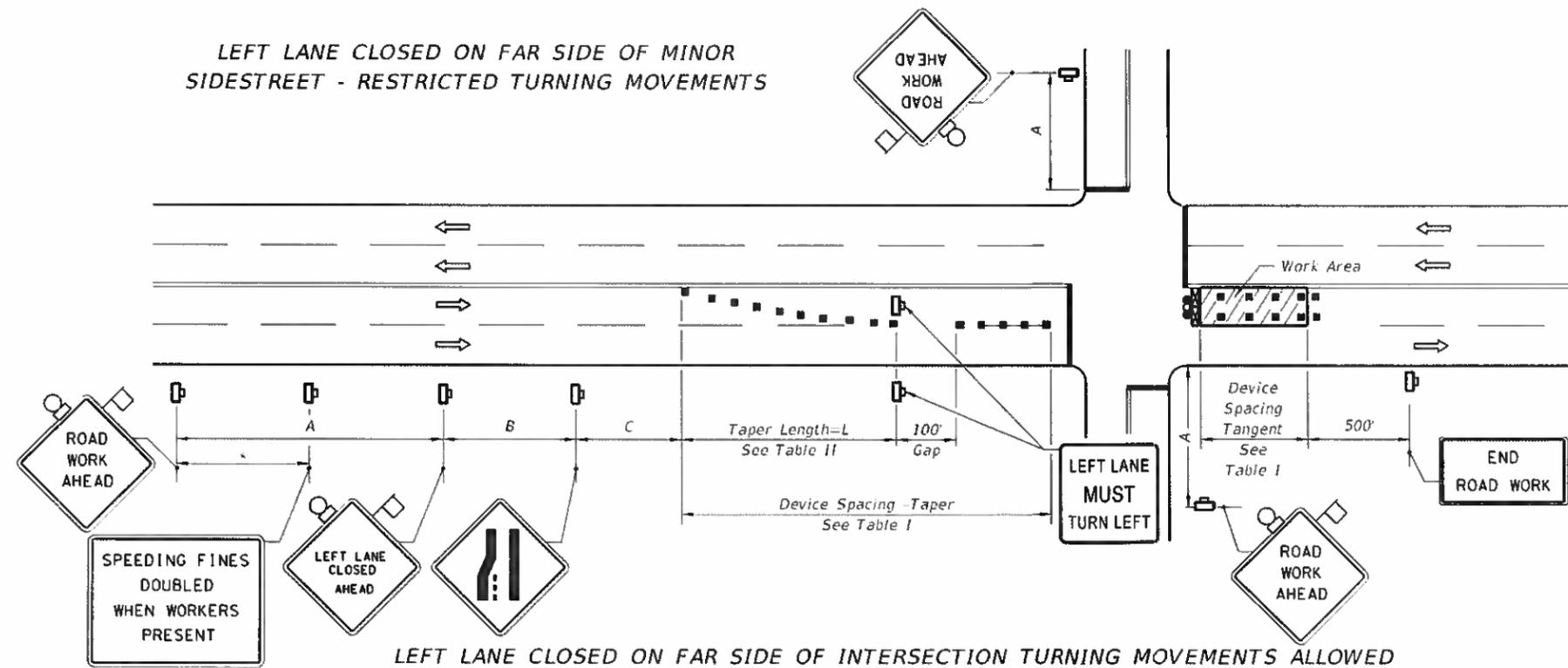


Speed	Spacing (ft.)		
	A	B	C
40 mph or less	200	200	200
45 mph	350	350	350

\* 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.

Speed (mph)	Max. Distance Between Devices (ft.)			
	Cones or Tubular Markers		Type I or Type II Barricades or Vertical Panels or Drums	
	Taper	Tangent	Taper	Tangent
25	25	50	25	50
30 to 45	25	50	30	50

LEFT LANE CLOSED ON FAR SIDE OF MINOR SIDESTREET - RESTRICTED TURNING MOVEMENTS



Speed (mph)	L (ft.)	Notes (Merge)
25	125	L = WS <sup>2</sup> 60
30	180	
35	245	
40	320	L = WS
45	540	

For lateral transitions other than 12', use formula for L shown in the notes column. Where:  
 L = Length of taper in feet  
 W = Width of lateral transition in feet  
 S = Posted speed limit (mph)

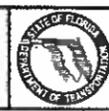
LEFT LANE CLOSED ON FAR SIDE OF INTERSECTION TURNING MOVEMENTS ALLOWED

1. The normal procedure is to close on the near side of the intersection any lane that is not carried through the intersection. However, when this results in the closure of a left lane having significant left turning movements, then the left lane may be reopened as a turn bay for left turns only as show in this detail.

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LAST REVISION	DESCRIPTION
07/01/12	

DESCRIPTION:



FDOT DESIGN STANDARDS  
2013

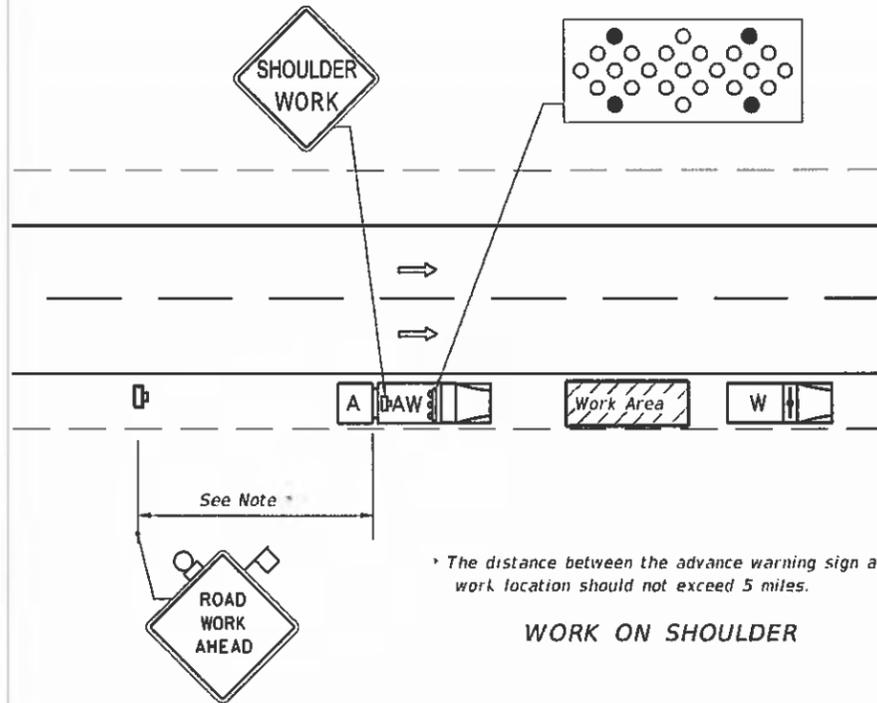
MULTILANE, WORK NEAR INTERSECTION  
MEDIAN OR OUTSIDE LANE

INDEX NO.	SHEET NO.
616	3

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 Phone 813.620.4500 Fax 813.620.4980 www.GenesisGroup.com  
 FL CA 00000000 FL LE 000016 FL LC 25000202  
 PROJECT NUMBER: 6140-001  
 CHECKED BY: KC  
 ROAD: AS SHOWN  
 DRAWN BY: ELD  
 DATE:

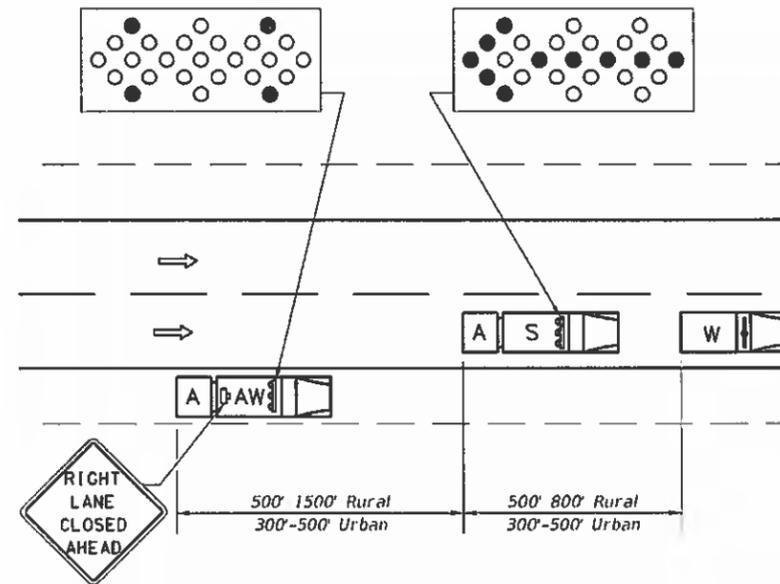
CITY OF ST. PETE BEACH  
 PREPARED FOR:

FDOT DETAILS  
 AESTHETIC LIGHTING FOR  
 LANDSCAPE MEDIANS  
 SHEET NUMBER: MOT-10



\* The distance between the advance warning sign and the work location should not exceed 5 miles.

**WORK ON SHOULDER**



**ARROW BOARD MODE  
MOVE/MERGE**

Where adequate shoulder width is not available,  
the advance warning vehicle may drive in the lane.

**WORK WITHIN TRAVEL LANE**

**GENERAL NOTES**

1. These illustrations are representative of general conditions.
2. The figures illustrate closing the right shoulder or right lanes for various lane configurations. When work is required on left side of roadways, the inverted plan is to be applied. The intent of this index is to allow passing on only one side of the work convoy.
3. Arrow boards shall not be obscured by equipment, supplies, signs, or the enclosure.
4. Vehicle-mounted signs shall be mounted with the bottom of the sign at a minimum height of 48 inches above the pavement. Vehicle mounted changeable message signs may be used in lieu of truck mounted static signs. Changeable message signs shall flash alternately to read "Left or Right Lane" or "Two Left or Two Right Lanes", "Closed Ahead", and the arrow symbol. Arrow boards shall not be used with truck mounted changeable message signs. Sign legends shall be covered or turned from view when work is not in progress.
5. On freeway facilities (interstates, toll roads, and expressways), a traffic control officer is required for all nighttime operations for work within the travel lane.
6. If the work vehicle speed exceeds the minimum legal speed limit on limited access facilities and one half the posted speed limit on other facilities, the Engineer may delete requirements for shadow vehicle and attenuator. The work vehicle will be required to have an arrow board and sign message.
7. Where work activities within 2' of the edge of travel way are incidental (i.e. Mowing, Litter Removal), the Engineer may delete requirements for signs and the advance warning vehicle provided vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
8. Work, Shadow, and Advance Warning Vehicles shall have high-intensity, rotating, flashing, oscillating, or strobe lights operating.
9. Functional two way communication is required between all vehicles in the mobile operation convoy.
10. For general TCZ requirements and additional information, refer to Index No. 600.

**SYMBOLS**

- Work Vehicle
- Shadow (S) Vehicle with Arrow Board
- Advance Warning (AW) Vehicle with Arrow Board and Sign Message or Changeable Message Sign
- Truck/Trailer Mounted Attenuator (TMA)
- Lane Identification And Direction Of Traffic
- Arrow Board

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LAST REVISION	DESCRIPTION:
07/01/12	

REVISION	DESCRIPTION:



**FDOT DESIGN STANDARDS**  
2013

**MULTILANE, MOBILE OPERATIONS WORK ON SHOULDER, WORK WITHIN TRAVEL WAY**

INDEX NO.	SHEET NO.
619	1

<p><b>GENESIS GROUP</b> PROFESSIONAL ENGINEERS 3910 US HIGHWAY 301 NORTH, SUITE 140, TAMPA, FL 33619 Phone: 813.820.4600 Fax: 813.820.4600 www.genesisgroup.com FL Lic. #00000000</p>	<p><b>CITY OF ST. PETE BEACH</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED BY</td> <td>SM</td> <td>ELD</td> </tr> <tr> <td>CHECKED BY</td> <td>SM</td> <td>AS SHOWN</td> </tr> <tr> <td>DATE</td> <td>06/28/2012</td> <td></td> </tr> <tr> <td>PROJECT NUMBER</td> <td>6140-001</td> <td>PERM DATE</td> </tr> </table>	DESIGNED BY	SM	ELD	CHECKED BY	SM	AS SHOWN	DATE	06/28/2012		PROJECT NUMBER	6140-001	PERM DATE
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<p><b>AESTHETIC LIGHTING FOR LANDSCAPE MEDIANS</b></p>														
<p><b>MOT-11</b></p>														