### CITY OF ISLE OF PALMS, SOUTH CAROLINA REQUEST FOR BID (RFB) 2024-12 COUNTY PARK EMERGENCY ACCESS

The City of Isle of Palms is seeking bids from qualified general contractors for the construction of a public safety path through the Charleston County Park that will include demolition, grading, new sidewalks, driveways, power supply, gates, fencing, landscaping, and other improvements. This request is being made and awarded pursuant to the City's procurement ordinance. The City reserves the right to reject any and all bids and to waive irregularities.

Bids should be submitted to the following:

Douglas Kerr Deputy City Administrator City of Isle of Palms 1207 Palm Boulevard Post Office Box 508 Isle of Palms, South Carolina 29451

#### **Deadline for Questions**

The deadline for questions is 5:00 p.m., Eastern Time, Friday, December 13th, 2024. Bidders should send questions regarding this Request for Bids to Douglas Kerr, Deputy Administrator, in writing or email to <u>dkerr@iop.net</u>. Questions received before this deadline will be answered via addendum posted on the City's website at <u>http://www.iop.net/requests-for-bids-proposals</u>. Questions received after this deadline will not be answered.

If an addendum is issued, Bidders must acknowledge receipt of the addendum with their bid.

### **Deadline for Submissions**

The deadline for submission is 10:00 a.m., Eastern Time, Friday, December 20<sup>th</sup>, 2024. Bids will be received at 1207 Palm Boulevard, Isle of Palms, South Carolina 29451 in a sealed envelope. Sealed envelopes must be clearly marked "RFB 2024-12, County Park Emergency Path" and include one (1) hard copy and one (1) electronic copy saved to a USB flash drive. It will be the responsibility of the bidders to verify receipt by the City. Bids may be delivered by hand or by mail, but no bid shall be considered which is not actually received by the City at the place, date and time appointed by the City and the City shall not be responsible for any failure, misdirection, delay or error resulting from the selection by any bidder of any particular means of delivery.

Proprietary and/or Confidential Information: Your bid is a public document under the South Carolina Freedom of Information Act (FOIA), except as to information that may be treated as confidential as an exception to disclosure under the FOIA. If you cannot agree to this standard, please do not submit your bid. All information that is to be treated as confidential and/or proprietary must be CLEARLY identified, and each page containing confidential and/or proprietary information, in whole or in part, must be stamped and/or denoted as CONFIDENTIAL, in bold, in a font of at least 12-point type, in the upper right-hand corner of the page. All information not so denoted and identified will be subject to disclosure by the City.

Bidders acknowledge and agree that the City will not be liable for any costs, expenses, losses, damages (including damages for loss of anticipated profit) or liabilities incurred by the respondent or any member of the respondent's organization as a result of, or arising out of, submitting a bid, negotiating changes, or due to the City's acceptance or non-acceptance of the bid or the rejection of any and all bids. Bidders are responsible for submission of accurate, adequate and clear descriptions of the information requests. Neither issuance of the RFB, preparation and submission of a response, nor the subsequent receipt and evaluation of any response by the City of Isle of Palms will commit the City to award a contract to any respondent even if all the requirements in the RFB have been met.

Bidders must have or be able to procure an Isle of Palms Business License.

Contractors considering submission under this RFB will be expected to have read and be prepared to enter into the attached contract, which is a part of this RFB. The City of Isle of Palms reserves the right to accept or reject any and all bids, or any parts thereof; to waive irregularities or informalities in any bid received to allow the bid to be considered; to negotiate terms and conditions with Bidders; and to select a Bidder or to cancel in whole or in part this RFB, if it is in the best interest of the City to do so. Those bids determined not to be in compliance with provisions of this RFB and the applicable laws and or regulations will not be processed.

By signing its bid, Bidder certifies that it will comply with the applicable requirements of Title 8, Chapter 14 of the South Carolina Code of Laws and agrees to provide the City upon request any documentation required to establish either: (a) that Title 8, Chapter 14 is inapplicable both to Bidder and its subcontractors or sub-subcontractors; or (b) that Bidder and its subcontractors or sub-subcontractors are in compliance with Title 8, Chapter 14. Pursuant to Section 8-14-60, "A person who knowingly makes or files any

false, fictitious, or fraudulent document, statement, or report pursuant to this chapter is guilty of a felony and, upon conviction, must be fined within the discretion of the court or imprisoned for not more than five years, or both." Bidder agrees to include in any contracts with its subcontractors language requiring its subcontractors to (a) comply with the applicable requirements of Title 8, Chapter 14 and (b) include in their contracts with subcontractors, language requiring the sub-subcontractors to comply with the applicable requirements of Title 8, Chapter 14.

## Scope of Work

A site visit to the Isle of Palms County Park is recommended prior to submitting a bid.

The Scope of work for the project includes, but is not limited to the following:

- 1. Sawcut and remove portions of existing sidewalks
- 2. Removal of certain vegetation
- 3. Installation of underground electrical and irrigation conduit as shown on the plans
- 4. Regrading and creation of berms around the vehicle pull off area
- 5. Installation of new concrete sidewalk- 7 feet wide at some points and 14 feet wide at some points
- 6. Installation of new driving surface created with 6-inch-thick concrete in the right-ofway, dual Turfstone paver strips in the driving sections of the pathway and full Turfstone paver area in the pull off and turning area, with all Turfstone supported on the edges by curbing depressed 1.5 inches below the top of the Turfstone
- 7. New swing gates at the beach and roadway end of the path to match the existing fencing in material, color, design, and material thicknesses
- 8. New slide gate at the road end of the path to match the existing fencing in material, color, design, and material thicknesses
- 9. The slide gate is to be remote operated by the City Public Safety staff and the County Park staff
- 10. New clatter bridge to be constructed with 6"x8" timbers with three strands of ½" stainless steel wire and PVC washers and terminal bolts, measuring 150' long x10' wide
- 11. Construct new 24"x24" grate inlet over an existing RCP adjacent to Ocean Boulevard
- 12. Landscaping as shown on the attached plans
- 13. Any other work shown on the plans from Davis and Floyd dated September 2024

The chosen contractor shall provide all materials, equipment, supplies, freight, state sales tax, labor and supervision as necessary.

A performance bond for 100% of the construction contract amount will be required.

Time is of the essence for this project and all work associated with this RFB must be completed within 90 days of the issuance of the Notice to Proceed.

### Bid Format

In responding to this request, contractors should provide a price quote for the scope of work to accomplish this work on the attached "BID FORM". Contractors should also provide a cost breakdown of the scope of work on the "ITEMIZED COST" form. Certain portions of the project may be excluded, because of budget constraints and the itemized cost portion of the bid form will be used to determine how to

If any addenda(um) are issued, the contractor must acknowledge reviewing the addenda(um) by listing them on the BID FORM.

In addition to submitting the completed BID FORM, contractors submitting bids should provide examples of experience with similar projects. Provide a brief description of similar projects of comparable size and complexity for which the Bidder provided services within the past five (5) years. Limit information to no more than five projects.

All such descriptions should include:

- 1. Project location.
- 2. Renovation and/or Replacement.
- 3. Description of original project budget versus actual cost.
- 4. Name and contact information for a reference with knowledge of the Bidder's work on the specified project.

Provide the Contractor(s) and if possible the names and bids of all sub-consultants that will be part of the Bidder's Team and identify the specific work the sub-consultant will perform. Once the City issues a contract, no change in sub-consultants assigned to the project will be permitted without prior written approval from the City.

### **Evaluation Criteria**

The City will evaluate bids based on the factors outlined within this RFB and the City's procurement ordinance, which shall be applied to all eligible, responsive bids in selecting the successful contractor. The City reserves the right to disqualify any bid from a bidder it deems as non-responsive and/or non-responsible. The City reserves the right to make such investigations of the Bidders as it deems appropriate.

Award of any contract may be made without discussion with Bidders after bids are received. The City reserves the right to cease contract negotiations if it is determined that the Bidder cannot perform the services specified in their response.

Recommendation of award for contract will be made based not only on price, which is an important factor, but also on quality of bid, qualifications, experience, technical expertise, references and ability to execute the work.

#### **BID FORM**

BID OF:	
	(Contractor)
BID TO:	The City of Isle of Palms
	(Owner)
PROJECT NAME:	County Park Emergency Access
PROJECT NUMBER:	RFB 2024-12
BID DATE:	

#### **BASE BID AGREEMENT**

The undersigned, having examined all the Bidding Documents, including all Addendum(a) as follows:

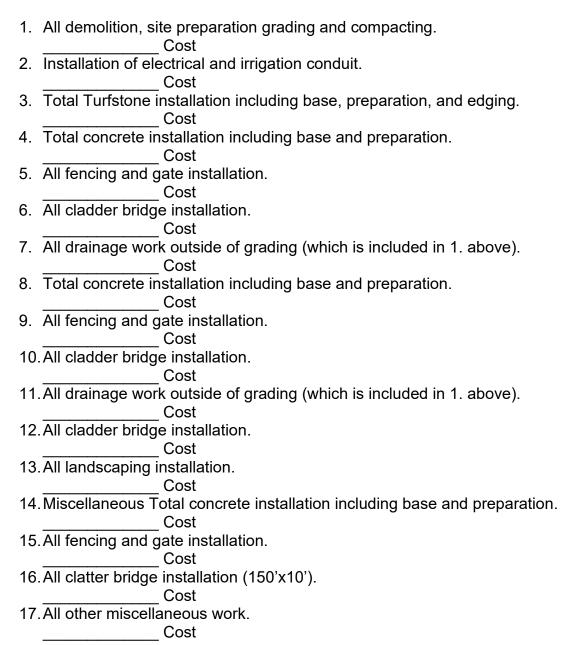
Plans from Davis and Floyd dated September 2024

shall execute the entire Work in the Bidding Documents described as the Base Bid for the lump sum of:

Dollars

BID AMOUNT (all work) \$\_\_\_\_\_

ITEMIZED COSTS (each item should be included in the BASE BID amount)



TOTAL BASE BID (sum of all lines above)

# DATE FOR COMMENCEMENT AND SUBSTANTIAL COMPLETION

The <u>Date for Commencement</u> shall be established in the <u>Notice to Proceed</u>. The Contractor shall not incur any expense until the contract has been awarded. An award requires that either the <u>Contract</u> be signed by both the awarding authority and the contractor or a <u>Notice to Proceed</u> is executed.

All work for additions shall be substantially completed (as evidenced by the date on the <u>CERTIFICATE OF SUBSTANTIAL COMPLETION</u>) within: <u>NINETY (90)</u> calendar days from the date set forth in the <u>NOTICE TO PROCEED</u>, subject to adjustments as provided in the Contract Documents.

Final completion of all work shall be performed within: <u>THIRTY</u> (30) calendar days from the scheduled contract time for substantial completion, subject to adjustments as provided in the Contract Documents.

The undersigned further agrees that from the compensation to be paid, the owner may retain as liquidated damages the sum of <u>one thousand</u> dollars (\$<u>1,000</u>) for each calendar day the actual contract time for Substantial Completion for the project exceeds the specified or adjusted contract time for Substantial Completion as provided in the Contract Documents.

#### THIS AGREEMENT IS SUBJECT TO BINDING ARBITRATION PURSUANT TO SOUTH CAROLINA CODE SECTION 15-48-10, ET SEQ., AS AMENDED

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STATE OF SOUTH CAROLINA ) COUNTY OF CHARLESTON

County Park **Emergency Access** 

THIS AGREEMENT ("Agreement") is made and entered into this \_\_\_\_\_ day of , 2024, by and between the City of Isle of Palms, S.C., a South Carolina municipal corporation ("City"), and \_\_\_\_\_ ("Contractor").

WHEREAS, Contractor was the successful bidder under the City's solicitation for bids for the County Park Emergency Access; and

WHEREAS, the parties hereto desire to enter into this Agreement to set forth the exact rights, duties and obligations of each party regarding the services to be performed by Contractor pursuant to the bid.

THEREFORE, in consideration of the mutual covenants and promises set forth herein.

City and Contractor agree as follows:

1. SCOPE OF WORK.

Contractor agrees to provide all labor, equipment, tools, materials, Α. supplies, and incidentals necessary for County Park Emergency Access project, pursuant to the bid submitted by Contractor to City dated

(the "Bid"), a copy of which is attached hereto as "Exhibit I" and made a part of this Agreement by reference thereto. In the event of any conflict between the provisions of this Agreement and the Solicitation, the term of this Agreement shall control.

Β. Contractor agrees to use its best skill and attention and be solely responsible for all means, methods, techniques, sequences, and procedures in the performance of the work on the Project. Contractor hereby warrants to City that all work on the Project shall be performed in a good and workmanlike manner. Contractor agrees to comply with all applicable federal, state and local laws, rules and regulations regarding all work performed by Contractor pursuant to this Agreement.

2. CONTRACT PRICE. For all work under this Agreement, City agrees to pay to

Contractor the sum of	(	(\$)	Dollars,
payable upon completion of the Project.			

3. CHANGE ORDERS. The City has the right to require alterations or changes ("Change Orders") to the Project and in such case Contractor agrees to make such alterations or changes; provided, however, that the details and additional cost or credit of such Change Order must be agreed to by the City and Contractor in writing prior to the commencement of the Change Order.

4. COMPLETION SCHEDULE. TIME IS OF THE ESSENCE. Contractor agrees to complete the Project within <u>ninety (90)</u> days from the date of this Agreement. Provided, however, that if performance by the Contractor is delayed for reasons or causes beyond the control of Contractor (including but not limited to, acts of God, weather conditions, site conditions, labor or material shortages, delays caused by City, and casualty losses) the Project completion date shall be extended accordingly.

5. INSURANCE. Contractor agrees to maintain comprehensive general liability insurance coverage on the work under the Project in an amount not less than \$1,000,000.00 per person, \$2,000,000.00 per claim, and \$250,000.00 per claim for property damage. Contractor also agrees to maintain worker's compensation coverage on its employees as required by the State of South Carolina workers' compensation laws. All insurance coverage required hereunder shall be with companies approved in advance by City, who shall be named as an additional insured on all such policies. Proof of such insurance shall be provided to City prior to commencement of any work by Contractor.

6. PERMITS, FEES AND LICENSES. Contractor agrees to apply for, obtain and pay for all permits, fees, licenses and inspections by governmental agencies necessary for the Contractor's proper performance and completion of the Project, including, but not limited to, a City business license.

7. INDEMNIFICATION. Contractor agrees to hold harmless and indemnify City and the County its officers, agents and employees from and against any loss or damage, including all reasonable attorney's fees and expenses, incurred as a result of any and all claims, demands, causes of action, suits, judgments, fines or penalties (including but not limited to all fees and expenses incurred as a result of death or injury to persons or for loss of or damage to property) arising out of or in connection with Contractor's performance of the work under this Agreement.

8. SITE INVESTIGATION. Contractor acknowledges that Contractor has had the opportunity to inspect the service areas, has determined the nature of the work and the difficulties and facilities attending performance of the work, and all other matters which Contractor contemplates may in any way affect the work under this Agreement.

9. BINDING ARBITRATION. Any dispute or controversy arising under or in connection with this Agreement shall be submitted to binding arbitration in accordance with the requirements of the South Carolina Uniform Arbitration Act as then in effect ("SCUAA"). All arbitration proceedings shall be conducted in Charleston County, South Carolina. The arbitrators shall be selected as provided in the SCUAA, and the arbitrators shall render a decision on any dispute within ninety (90) days after the last of the arbitrators has been selected. If any party to this Agreement fails to select an arbitrator with regard to any dispute submitted to Arbitration under this Section within thirty (30) days after receiving notice of the submission to arbitration of such dispute, then the other party or parties shall select an arbitrator for such nonselecting party, and the decision of the arbitrators shall be final and binding upon all the parties to the dispute, their personal representatives, legal representatives, heirs, successors and assigns. The prevailing party in any such proceeding shall be entitled to reimbursement by the losing party, in addition to any damages awarded, for all reasonable costs and expenses, including attorney's fees, incurred in any such proceeding, including all trial and appellate levels. Nothing contained in this Section shall preclude either party from seeking injunctive relief through a court of competent jurisdiction in connection with the Arbitration, and the prevailing party shall also be entitled to reimbursement by the losing party for all reasonable fees and costs, including attorney's fees, incurred in the proceedings seeking injunctive relief.

### 10. BREACH.

A. In the event that either party breaches any provision of this Agreement, and the same continues for a period of seven (7) days after receipt of written notice thereof, then the nonbreaching party may exercise any and all remedies at law or in equity regarding the breach of this Agreement. Without prejudice to any other rights or remedies available for the said breach, the non-breaching party may terminate this Agreement and cease further performance under this Agreement.

B. Unless authorized by this Agreement, if the Contractor completely ceases work on the Project for a period of fifteen (15) days, or defaults or persistently fails or neglects to carry out the Project, the City may, after seven (7) days' written notice to the Contractor, complete the

Project and if the unpaid balance of the contract price exceeds the City's actual cost of completing the Project, such excess shall be paid to the Contractor, but if such expense exceeds the unpaid balance, the Contractor shall pay the difference to the City.

11. EFFECT OF WAIVER OR CONSENT. A waiver or consent, express or implied, to or of any breach or default by a party in the performance of its obligations under this Agreement is not a consent or waiver to or of any other breach or default in the performance by that party of the same or any other obligations of that party with respect

to this Agreement. Failure on the part of a party to complain of any act of the other party or to declare a party in default with respect to this Agreement, irrespective of how long that failure continues, does not constitute a waiver by that party of its rights with respect to that default until the applicable statute-of-limitation period has run.

12. SUB-CONTRACT OR ASSIGNMENT. Contractor agrees not to enter into any subcontracts or assignments pertaining to the performance of all or any part of this Agreement, either voluntarily or by operation of law, without prior written approval of City.

13. BINDING AGREEMENT. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and permitted assigns.

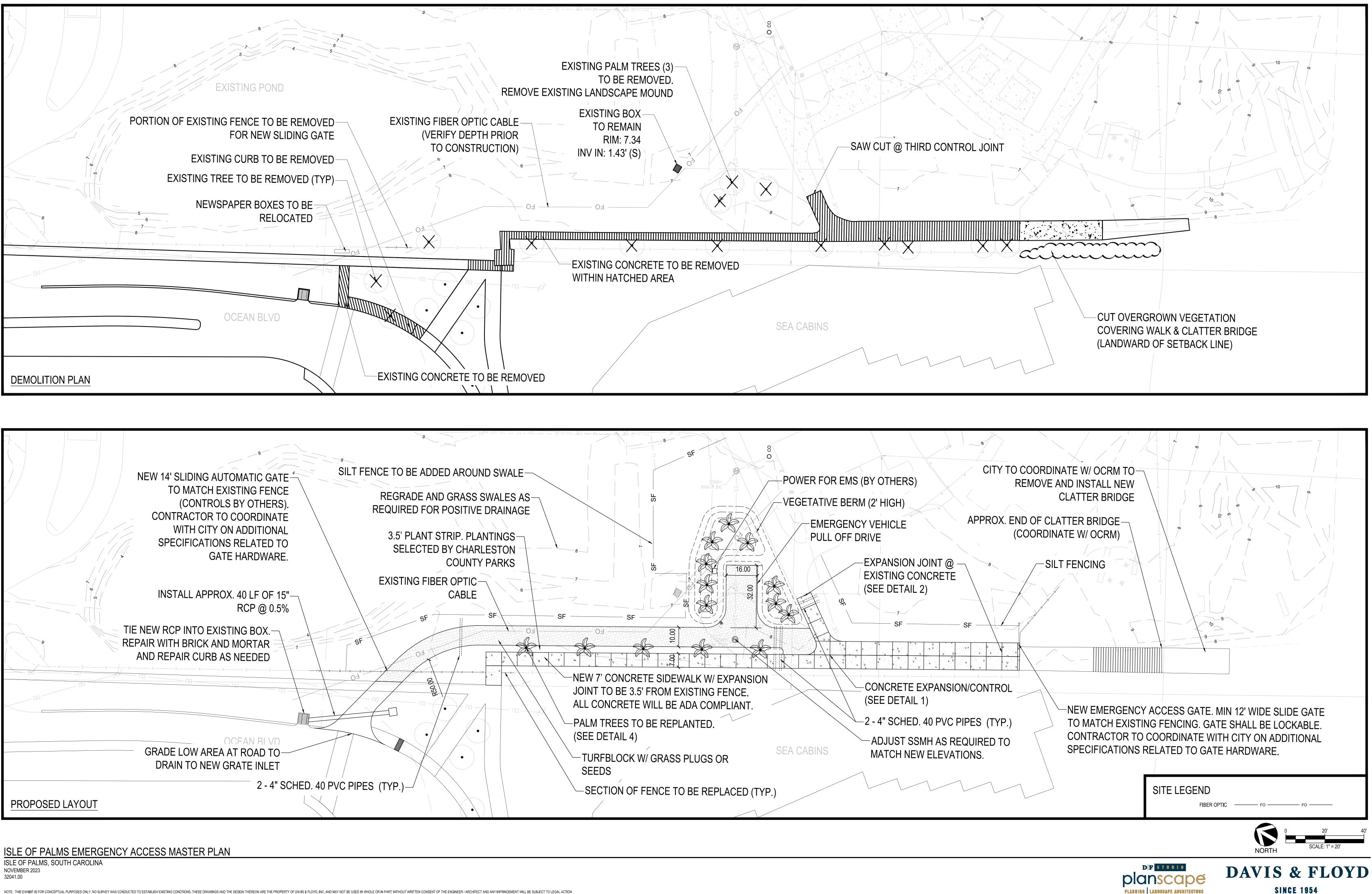
14. GOVERNING LAW; SEVERABILITY. This Agreement is governed by and shall be construed and interpreted in accordance with the laws of the State of South Carolina. If any provision of this Agreement is held invalid or unenforceable to any extent by a court of competent jurisdiction, the remainder of this Agreement is not affected thereby and that provision shall be enforced to the greatest extent permitted by law.

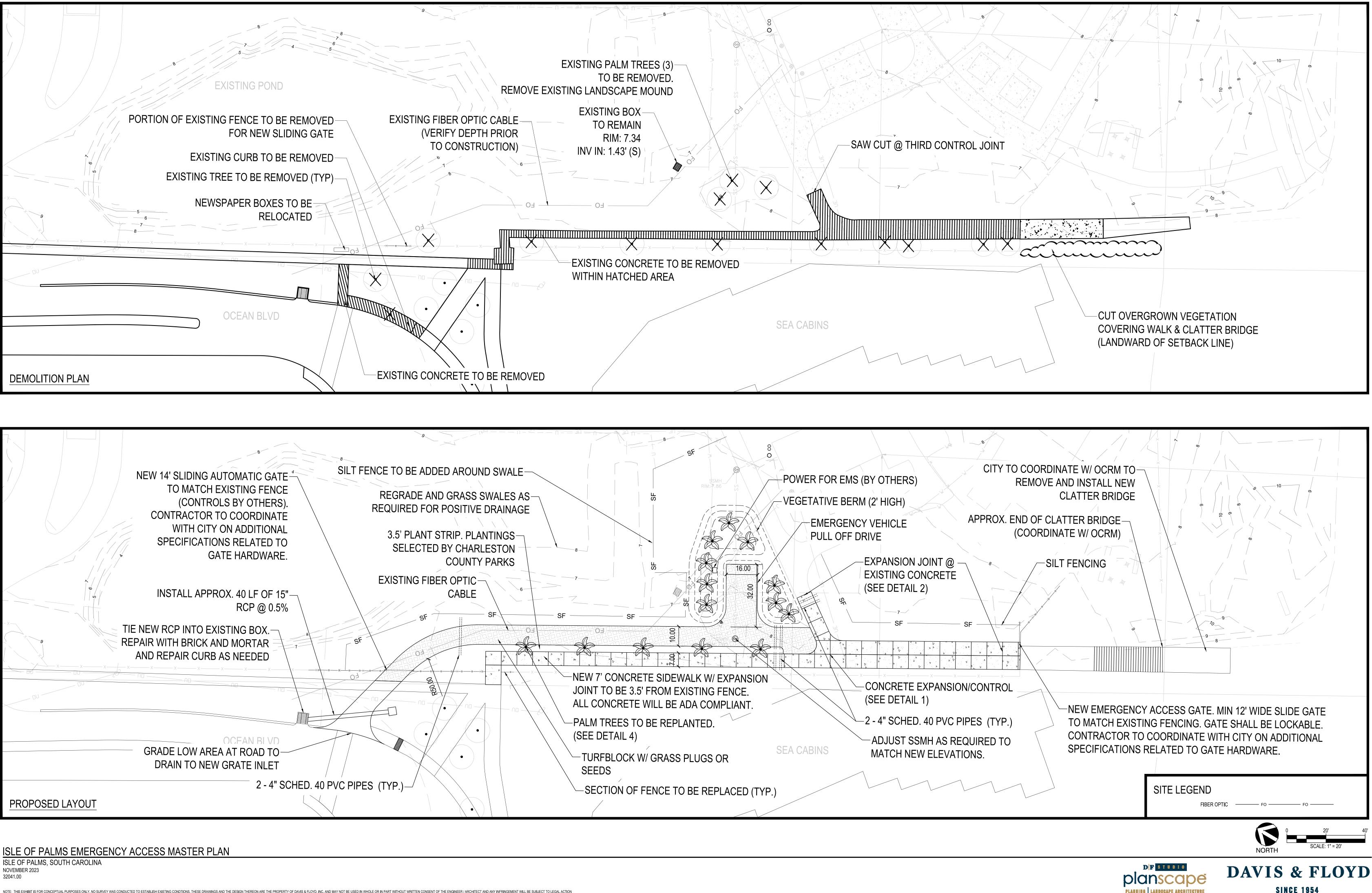
15. ENTIRE AGREEMENT. This Agreement constitutes the entire agreement between the parties hereto relating to the subject matter hereof, and supersedes and nullifies all prior or contemporaneous contracts, agreements, understandings or representations, whether oral or written, which are not expressly stated in this agreement. Neither party is relying upon any representation not expressly contained herein. This Agreement may be amended and modified from time to time only upon the written mutual consent of City and Contractor.

16. SECTION HEADINGS. The headings of Sections or paragraphs used in this Agreement have been inserted for convenience only and are not to be used in determining the contents contained herein.

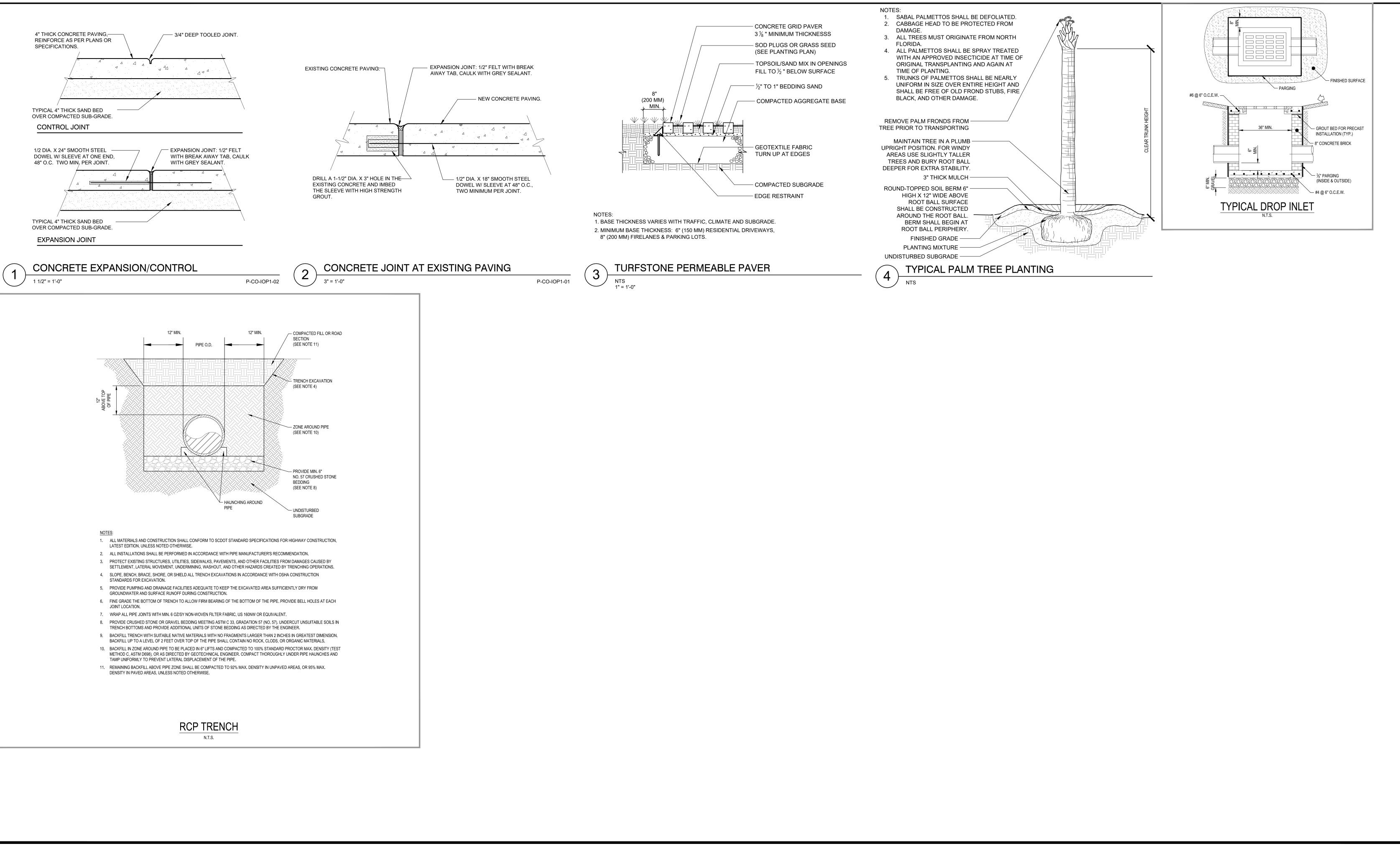
IN WITNESS WHEREOF, the City and Contractor have hereunto set their hands and seals, by and through the undersigned officers, as of the day and year first above written.

WITNESS:	Contractor:
(#1 as to Contractor)	
	Ву:
(#2 as to Contractor)	Title:
	The City of Isle of Palms, S.C.:
(#1 as to City)	
	Ву:
(#2 as to City)	Title:





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ISLE OF PALMS EMERGENCY ACCESS DETAILS ISLE OF PALMS, SOUTH CAROLINA SEPTEMBER 2023

32041.00

NOTE: THIS EXHIBIT IS FOR CONCEPTUAL PURPOSES ONLY. NO SURVEY WAS CONDUCTED TO ESTABLISH EXISTING CONDTIONS. THESE DRAWINGS AND THE DESIGN THEREON ARE THE PROPERTY OF DAVIS & FLOYD, INC. AND MAY NOT BE USED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF THE ENGINEER / ARCHITECT AND ANY INFRINGEMENT WILL BE SUBJECT TO LEGAL ACTION G:\JobsOdd\32041-00\Production\LandscapeArch Planning\DWG\32041.00-SITE.dwg, 11/10/2023 1:07:14 PM, Danielle Valdés





#### GENERAL NOTES:

- DO NOT PLACE SILT FENCE ACROSS CHANNELS OR IN OTHER AREAS SUBJECT TO CONCENTRATED FLOWS. SILT FENCE SHOULD NOT BE USED AS A VELOCITY CONTROL BMP. CONCENTRATED FLOWS ARE ANY FLOWS GREATER THAN 0.5 CFS.
- MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE SILT FENCE SHALL BE 100-FEET. MAXIMUM SLOPE STEEPNESS (NORMAL [PERPENDICULAR] TO THE FENCE
- LINE) SHALL BE 2:1. SILT FENCE JOINTS, WHEN NECESSARY, SHALL BE COMPLETED BY ONE OF THE FOLLOWING OPTIONS:
- WRAP EACH FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST, WITH A 1-FOOT MINIMUM OVERLAP;
- OVERLAP SILT FENCE BY INSTALLING 3-FEET PASSED THE SUPPORT POST TO WHICH THE NEW SILT FENCE ROLL IS ATTACHED. ATTACH OLD ROLL TO NEW ROLL WITH HEAVY-DUTY PLASTIC TIES; OR, OVERLAP ENTIRE WIDTH OF EACH SILT FENCE ROLL FROM ONE SUPPORT
- POST TO THE NEXT SUPPORT POST. ATTACH FILTER FABRIC TO THE STEEL POSTS USING HEAVY-DUTY PLASTIC TIES THAT ARE EVENLY SPACED WITHIN THE TOP 8-INCHES OF THE FABRIC.
- INSTALL THE SILT FENCE PERPENDICULAR TO THE DIRECTION OF THE STORM WATER FLOW AND PLACE THE SILT FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEAN OUT.
- INSTALL SILT FENCE CHECKS (TIE-BACKS) EVERY 50-100 FEET, DEPENDENT ON SLOPE, ALONG SILT FENCE THAT IS INSTALLED WITH SLOPE AND WHERE CONCENTRATED FLOWS ARE EXPECTED OR ARE DOCUMENTED ALONG THE PROPOSED/INSTALLED SILT FENCE.

## POST REQUIREMENTS

- SILT FENCE POSTS MUST BE 48-INCH LONG STEEL POSTS THAT MEET, AT A MINIMUM, THE FOLLOWING PHYSICAL CHARACTERISTICS. COMPOSED OF A HIGH STRENGTH STEEL WITH A MINIMUM YIELD STRENGTH
- OF 50.000 PSI. INCLUDE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND A NOMINAL "T" LENGTH OF 1.48-INCHES.
- WEIGH 1.25 POUNDS PER FOOT (± 8%) POSTS SHALL BE EQUIPPED WITH PROJECTIONS TO AID IN FASTENING OF FILTER FABRIC.
- STEEL POSTS MAY NEED TO HAVE A METAL SOIL STABILIZATION PLATE WELDED NEAR THE BOTTOM WHEN INSTALLED ALONG STEEP SLOPES OR INSTALLED IN LOOSE SOILS. THE PLATE SHOULD HAVE A MINIMUM CROSS SECTION OF 17-SQUARE INCHES AND BE COMPOSED OF 15 GAUGE STEEL, AT A MINIMUM. THE METAL SOIL STABILIZATION PLATE SHOULD BE COMPLETELY BURIED.
- INSTALL POSTS TO A MINIMUM OF 24-INCHES, A MINIMUM HEIGHT OF 1- TO 2-INCHES ABOVE THE FABRIC SHALL BE MAINTAINED, AND A MAXIMUM HEIGHT OF 3 FEET SHALL BE MAINTAINED ABOVE THE GROUND.
- POST SPACING SHALL BE AT A MAXIMUM OF 6-FEET ON CENTER.
- INSTALL RUBBER SAFETY CAPS ON TOPS OF STEEL POSTS.

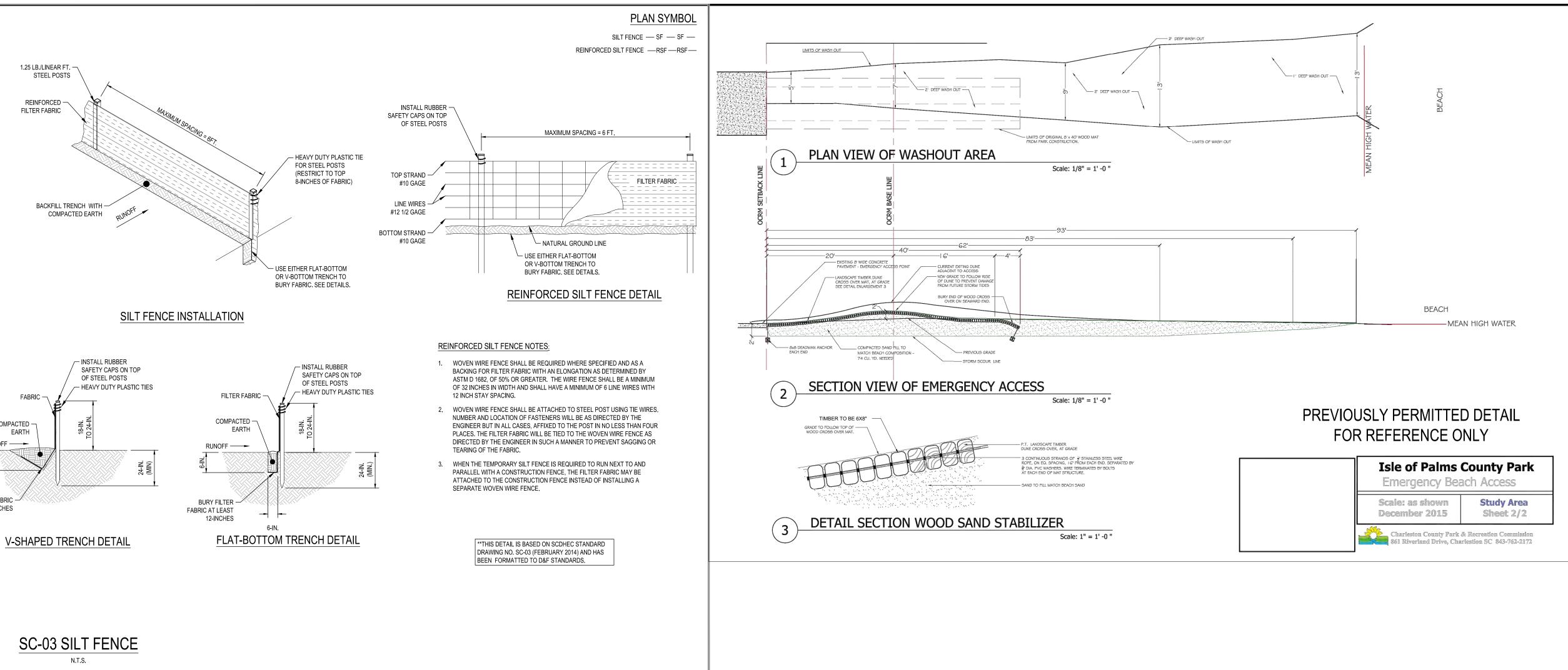
# INSPECTION & MAINTENANCE:

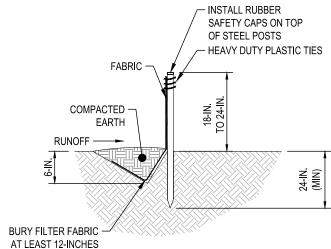
THE SILT FENCE.

- 1. THE KEY TO FUNCTIONAL SILT FENCE IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR SEDIMENT REMOVAL. REGULAR INSPECTIONS OF SILT FENCE SHALL BE CONDUCTED ONCE EVERY CALENDAR WEEK AND, AS RECOMMENDED, WITHIN 24-HOURS AFTER EACH
- RAINFALL EVENT THAT PRODUCES 1/2-INCH OR MORE OF PRECIPITATION. 3. ATTENTION TO SEDIMENT ACCUMULATIONS ALONG THE SILT FENCE IS EXTREMELY IMPORTANT, ACCUMULATED SEDIMENT SHOULD BE
- CONTINUALLY MONITORED AND REMOVED WHEN NECESSARY. 4. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF
- REMOVED SEDIMENT SHALL BE PLACED IN STOCKPILE STORAGE AREAS OR SPREAD THINLY ACROSS DISTURBED AREA. STABILIZE THE REMOVED SEDIMENT AFTER IT IS RELOCATED.
- CHECK FOR AREAS WHERE STORM WATER RUNOFF HAS ERODED A CHANNEL BENEATH THE SILT FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED DUE TO RUNOFF OVERTOPPING THE SILT FENCE. INSTALL CHECKS/TIE-BACKS AND/OR REINSTALL SILT FENCE, AS NECESSARY.
- 7. CHECK FOR TEARS WITHIN THE SILT FENCE, AREAS WHERE SILT FENCE HAS BEGUN TO DECOMPOSE, AND FOR ANY OTHER CIRCUMSTANCE THAT MAY RENDER THE SILT FENCE INEFFECTIVE. REMOVE DAMAGED SILT FENCE AND REINSTALL NEW SILT FENCE IMMEDIATELY.
- ALL SILT FENCE AND POST MATERIALS SHOULD BE REMOVED AND PROPERLY DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED AND ONCE IT IS REMOVED, THE RESULTING DISTURBED AREA SHALL BE PERMANENTLY STABILIZED.

# FABRIC REQUIREMENTS:

- SILT FENCE MUST BE COMPOSED OF WOVEN GEOTEXTILE FILTER FABRIC THAT CONSISTS OF THE FOLLOWING REQUIREMENTS:
- COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS, OR POLYAMIDES THAT ARE FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER;
- FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION; FREE OF ANY DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES; AND, HAVE A MINIMUM WIDTH OF 36-INCHES.
- 2. USE ONLY FABRIC APPEARING ON SCDOT'S QUALIFIED PRODUCTS LISTING (QPL), APPROVAL SHEET #34, MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- 12-INCHES OF THE FABRIC SHOULD BE PLACED WITHIN EXCAVATED TRENCH AND TOED IN WHEN THE TRENCH IS BACKFILLED.
- 4. FILTER FABRIC SHALL BE PURCHASED IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS.
- 5. FILTER FABRIC SHALL BE INSTALLED AT A MINIMUM OF 24-INCHES ABOVE THE GROUND.





# ISLE OF PALMS EMERGENCY ACCESS DETAILS ISLE OF PALMS, SOUTH CAROLINA SEPTEMBER 2023 32041.00





# PLANTING NOTES

1) ALL CONSTRUCTION SHALL CONFORM TO REQIREMENTS OF AUTHORITIES HAVING JURISDICTION. OBTAIN LAND DISTURBANCE, STORMWATER, AND OTHER REQUIRED PERMITS

2) THERE WILL BE NO SUBSTITUTIONS OR MODIFICATIONS WITHOUT PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT.

3) PROTECT EXISTING AND NEW HARDSCAPE, TREES, VEGETATION, UTILITIES, AND OTHER ELEMENTS FROM DÁMAGE. FIELD VERIFY ACCURACY OF ALL SITE INFORMATION SHOWN. ACCURATELY LOCATE ALL UNDERGROUND UTILIES PRIOR TO BEGINNING WORK.

4) COMPLY WITH REGULATIONS GOVERNING PLANT MATERIAL , SEED, FERTILIZER, PESTICIDE, AND OTHER MATERIALS. MEET OR EXCEED REOUIREMENTS FOR INSPECTION AND CONTROL OF DISEASES AND PESTS. 5) ALL PLANTS SHALL CONFORM TO THE CURRENT EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK" FOR NUMBER ONE GRADE NURSERY STOCK PUBLISHED BY AMERICANHORT.

6) PINE STRAW MULCH SHALL BE LONGLEAF PINE NEEDLES, FRESH AND BRIGHT. INSTALL 3" DEEP IN ALL BEDS WITH NEW PLANTING.

7) TOPSOIL FROM OFF-SITE (IF ANY) SHALL BE A NATURAL, FERTILE, FRIABLE SOIL, POSSESSING CHARACTERISTICS OF PRODUCTIVE SOILS IN THE VICINITY. IT SHALL BE OBTAINED FROM NATURALLY WELL AND OTHER EXTRANEOUS MATERIALS.

11) HARDWOOD MULCH SHALL BE BARK - DECOMPOSED, SHREDDED, WITH NO PARTICLES LARGER THAN 1/4" IN ANY DIMENSION.

12) PLANTING SOIL MIXTURE SHALL BE COMPOSED OF THE FOLLOWING: 1/2 PART MANURE TO 7 PARTS TOPSOIL TO 1/2 PART HARDWOOD MULCH BY VOLUME. ADD 20 LBS. OF FERTILIZER RECOMMENDED BY SOILS REPORT PER 200 CUBIC FEET OF PLANTING SOIL

13) SOILS TESTING SHALL BE PERFORMED BY A COMMERCIAL ANALYTICAL LABORATORY, AND SHALL MEET USDA SOIL SURVEY INVESTIGATION REQUIREMENTS. IT SHALL INCLUDE THE FOLLOWING ANALYSES: NUTRIENTS, pH, EC (SPECIFIC CONDUCTANCE), AND CHLORIDE LEVEL. IF SOIL TEST REPORT SHOWS EXCESSIVE SALINITY IMBALANCED pH, OR OTHER FACTORS, NOTIFY LANDSCAPE ARCHITECT AND MAKE ADJUSTMENTS AS DIRECTED. USE FERTILIZER FORMULATION RECOMMENDED BY REPORT FOR EACH TYPE OF PLANT MATERIALAND TURF.

CAM | CALLICARPA AMERICANA

MFIL MUHLENBERGIA FILIPES

AT ASCLEPIAS TUBEROSA

○ CL COREOPSIS LANCEOLATA

LSMW | LONICERA SEMPERVIRENS "MAJOR WHEELER"

LLB | LOMANDRA LONGIFOLIA "LM300"

PCHM | PANICUM VIRGATUM "HEAVY METAL"

PVNW | PANICUM VIRGATUM "NORTHWIND"

PVCB PANICUM VIRGATUM "CAPE BREEZE"

○ RLG | RUDBECKIA FULGIDA "LITTLE GOLDSTAR"

SOD | EREMOCHLOA OPHIUROIDES TifBlair"

PLUGS | EREMOCHLOA OPHIUROIDES TifBlair"

ORNAMENTAL GRASSES

PERENNIALS

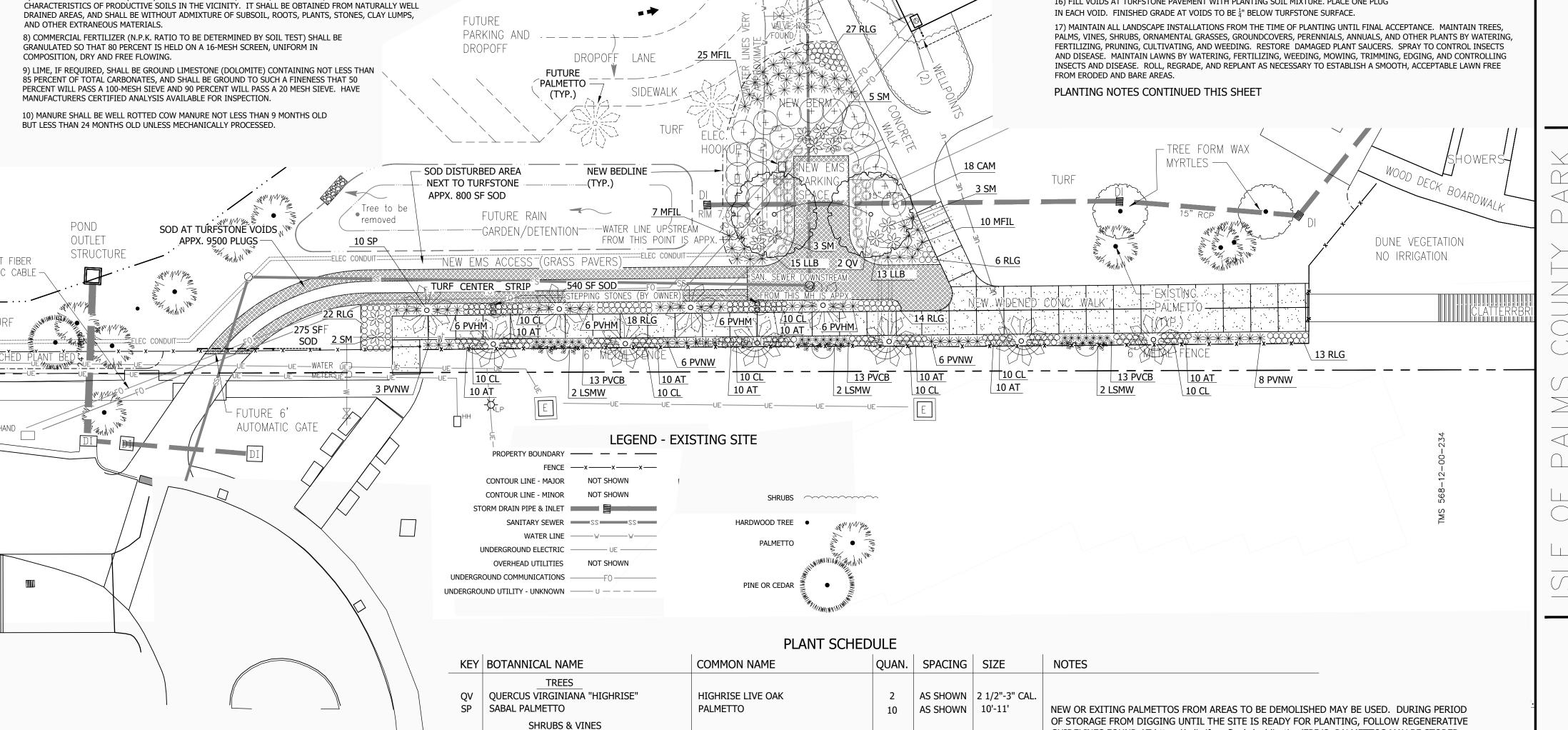
TURF

SABAL MINOR

SM

14 CONT'D) FINE GRADE LAWN AND BED AREAS FOR POSITIVE DRAINAGE. PROVIDE A SMOOTH, EVEN SURFACE WITH 13 CONT'D) TEST MULTIPLE SAMPLES OF: EXISTING TOPSOIL IN AREAS UNIFORMLY FINE TEXTURE (NO CLODS OVER 3/4" IN ANY DIAMETER). ROLL AND DRAW SCREEN TO REMOVE RIDGES AND FILL NOT DISTURBED BY EARTHWORK, ON-SITE TOPSOIL STOCKPILED FOR DEPRESSIONS. MEET FINISHED GRADES SHOWN ON GRADING PLAN. PLANT IMMEDIATELY AFTER PREPARING SOIL SURFACE. RE-USE (IF ANY), AND TOPSOIL BROUGHT FROM OFF-SITE (IF ANY). AFTER PLANTING, MEASURE SOIL pH. IF ABOVE NEUTRAL, APPLY ALUMINUM SULPHATE. 14) PREPARE AREAS TO BE PLANTED AS FOLLOWS:

OF 4".



# PLANTING NOTES CONTINUED

18) WARRANTY TREES, PALMS, VINES, SHRUBS, ORNAMENTAL GRASSES, GROUNDCOVERS, PERENNIALS, ANNUALS, AND OTHER PLANTS FOR A PERIOD OF ONE YEAR AFTER THE DATE OF FINAL ACCEPTANCE AGAINST DEFECTS INCLUDING DEATH AND UNHEALTHY OR UNNATURAL GROWTH, EXCEPT FOR DEFECTS RESULTING FROM NEGLECT BY OWNER, ABUSE OR DAMAGE BY OTHERS, OR UNUSUAL INCIDENTS WHICH ARE BEYOND THE CONTRACTOR'S CONTROL. THE CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF PLANT MATERIAL UNLESS HE CAN PROVE THAT THE NEGLECT, ABUSE, OR DAMAGE IS NOT HIS FAULT. CONTRACTOR IS RESPONSIBLE FOR ONE REPLACEMENT OF EACH PLANT ONLY AFTER FINAL ACCEPTANCE. WARRANTY APPLIES TO PLANTS REPLACED PRIOR TO FINAL ACCEPTANCE. DETERMINATION OF WHICH PLANT MATERIAL IS TO BE REPLACED AT THE END OF THE WARRANTY PERIOD SHALL BE SUBJECT TO THE DISCRETION OF THE LANDSCAPE ARCHITECT. IF THE CONDITION OF A PLANT BECOMES UNACCEPTABLE DURING THE WARRANTY PERIOD IT SHALL BE REMOVED FROM THE SITE AS SOON AS THE CONTRACTOR IS REQUESTED TO DO SO, REPLACEMENTS SHALL BE MADE AT THE EARLIEST POSSIBLE DATE FOLLOWING THE END OF THE WARRANTY PERIOD, WITHIN SEASONAL LIMITATIONS. WARRANTY 100% OF SODDED AREAS AND PLUGS TO BE VIGOROUSLY GROWING AT THE END OF A 3 MONTH PERIOD FOLLOWING FINAL ACCEPTANCE. IF OWNER FAILS TO TO PROVIDE ADEQUATE WATER OR OTHER MAINTENANCE AFTER FINAL ACCEPTANCE, WARRANTY SHALL BE VOIDED. THE CONTRACTOR MUST PROVIDE PROOF OF NEGLIGENCE BY THE OWNER.

BREEZE DWARF MAT RUSH
SWEETGRASS
HEAVY METAL SWITCHGRASS
NORTHWIND SWITCHGRASS
CAPE BREEZE SWITCHGRASS

17

IN AREAS WHERE GRADE CHANGES ARE MINIMAL AND TOPSOIL HAS NOT BEEN REMOVED, GRUB EXISTING VEGETATION, IN BED AREAS PLACE 1/2" DEPTH COW MANURE, 1/2" DEPTH WELL ROTTED SHREDDED HARDWOOD BARK, AND FERTILIZER AND AMENDMENTS RECOMMENDED BY SOILS REPORT ON SURFACE, AND TILL TO DEPTH OF 8". IN LAWN AREAS, PLACE FERTILIZER AND AMENDMENTS

RECOMMENDED BY SOILS REPORT ON SURFACE AND TILL TO DEPTH

FFE=20."

IF SUBGRADE CONDITIONS UNSUITABLE FOR PLANTING ARE ENCOUNTERED (SUCH AS RUBBLE, SHALLOW BEDROCK, PAVEMENT BASE, STONE, ROOTS, WOOD, TRASH, TOXINS, OR EXCESSIVE MOISTURE), NOTIFY LANDSCAPE ARCHITECT AND MAKE ADJUSTMENTS AS DIRECTED.

15) AREAS TO BE SODDED SHALL BE PREPARED AS STATED ABOVE. PROVIDE STRONGLY ROOTED SOD NOT LESS THAN TWO YEARS OLD, FREE OF WEEDS. SOD SHALL BE VIABLE, NOT DORMANT. LAY SOD WITHIN 24 HOURS OF TIME OF STRIPPING FROM FARM. LAY SOD TO FORM A SOLID MASS WITH TIGHTLY FITTED JOINTS. SPRAY SOIL WITH WATER TO MOISTEN PRIOR TO PLACING. JOINTS IN SUCCESSIVE ROWS SHALL BE STAGGERED. IMMEDIATELY AFTER PLACEMENT, ROLL SOD TO ESTABLISH FIRM CONTACT WITH THE SOIL. WITHIN 60 MINUTES OF PLACEMENT, IRRIGATE EVENLY WITH 1/2" OF WATER. ON SLOPES 4:1 OR STEEPER, USE PEGS TO HOLD SOD IN PLACE. NO SOD SHALL BE PLACED BETWEEN THE DATES OF OCTOBER 15 AND MARCH 31. IF SITE BECOMES READY FOR SODDING DURING THAT TIME, PROVIDE TEMPORARY VEGETATIVE COVER BY MECHANICALLY SEEDING OR HYDROSEEDING. IF SOD MUST BE PLACED WITHIN THAT TIME, IT MUST BE APPROVED IN WRITING BY THE OWNER. 16) FILL VOIDS AT TURFSTONE PAVEMENT WITH PLANTING SOIL MIXTURE. PLACE ONE PLUG

PLANT SCHED	-		I	
COMMON NAME	QUAN.	SPACING	SIZE	NOTES
HIGHRISE LIVE OAK	2	AS SHOWN	-	
PALMETTO	10	AS SHOWN	10'-11'	NEW OR EXITING PALMETTOS FROM AREAS TO BE DEMOLISHED MAY BE USED. DURING PERIOD OF STORAGE FROM DIGGING UNTIL THE SITE IS READY FOR PLANTING, FOLLOW REGENERATIVE
				GUIDELINES FOUND AT https://edis.ifas.ufl.edu/publication/EP543. PALMETTOS MAY BE STORED
BEAUTYBERRY	18	6' - 7'	3 GAL.	ON SITE.
DWARF PALMETTO	13	5'	3 GAL.	-
MAJOR WHEELER CORAL HONEYSUCKLE	6	AS SHOWN	1 GAL.	
BREEZE DWARF MAT RUSH	28	3'-3.25'	4" POT	
SWEETGRASS	42	3.5'-4.0'	2 1/4" PLUG	
HEAVY METAL SWITCHGRASS	24	2.75'-3.0'	2 1/4" PLUG	
NORTHWIND SWITCHGRASS	23	2.75'-3.0'	2 1/4" PLUG	
CAPE BREEZE SWITCHGRASS	39	1.75'-2.0'	2 1/4" PLUG	
	100	1.67'-2.0'	2 1/4" PLUG	
LITTLE GOLDSTAR RUDBECKIA	100	1.67'-2.0'		
BUTTERFLY MILKWEED	80			
LANCE LEAVED COREOPSIS	80	1.67'-2.0'	2 1/4" PLUG	
TifBlair CENTIPEDE	1615 SF			
TifBlair CENTIPEDE	9500		PLUGS	
				GRAPHIC SCALE

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Park & Recreatione, Charlestion SC

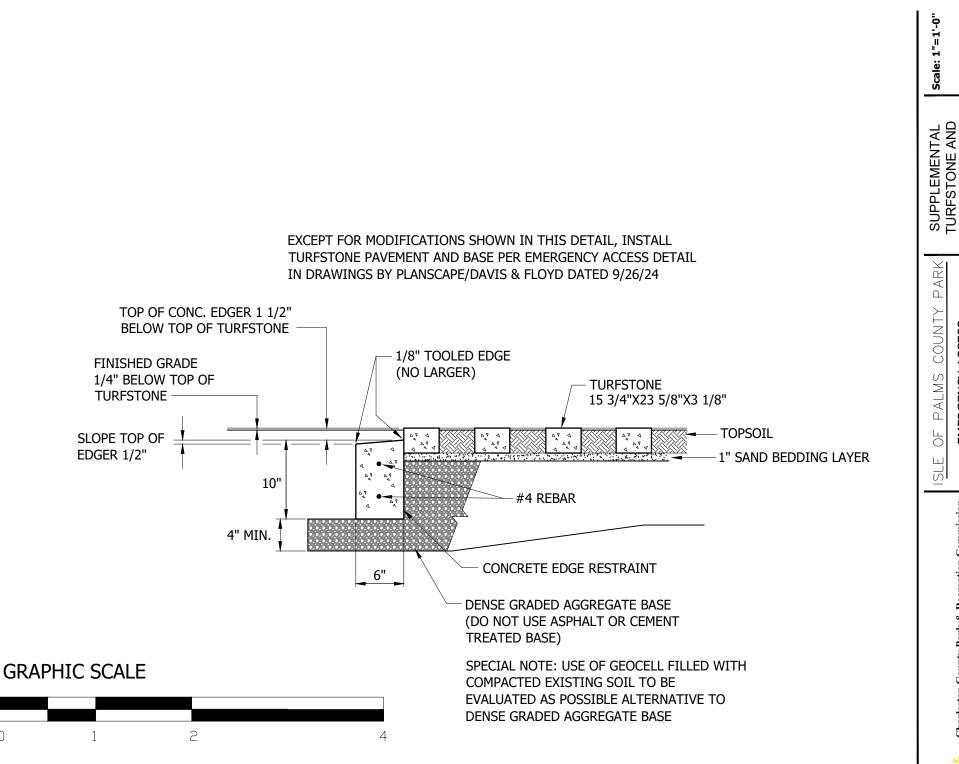
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DATE: 11/20/24

CONCRETE EDGER DETIAL

One 14th Ave., Isle of Palms, SC EMERGENCY ACCESS

Charleston County Park & Recreation Commission 861 Riverland Drive, Charlestion SC 843-762-2172

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