

**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 [dkerr@iop.net](mailto:dkerr@iop.net). Questions received before this deadline will be answered via addendum posted on the City's website at <http://www.iop.net/requests-for-bids-proposals>. 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-of-way, 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)

1. All demolition, site preparation grading and compacting.  
\_\_\_\_\_ Cost
2. Installation of electrical and irrigation conduit.  
\_\_\_\_\_ Cost
3. Total Turfstone installation including base, preparation, and edging.  
\_\_\_\_\_ Cost
4. Total concrete installation including base and preparation.  
\_\_\_\_\_ Cost
5. All fencing and gate installation.  
\_\_\_\_\_ Cost
6. All cladder bridge installation.  
\_\_\_\_\_ Cost
7. All drainage work outside of grading (which is included in 1. above).  
\_\_\_\_\_ Cost
8. Total concrete installation including base and preparation.  
\_\_\_\_\_ Cost
9. All fencing and gate installation.  
\_\_\_\_\_ Cost
10. All cladder bridge installation.  
\_\_\_\_\_ Cost
11. All drainage work outside of grading (which is included in 1. above).  
\_\_\_\_\_ Cost
12. All cladder bridge installation.  
\_\_\_\_\_ Cost
13. All landscaping installation.  
\_\_\_\_\_ Cost
14. Miscellaneous Total concrete installation including base and preparation.  
\_\_\_\_\_ Cost
15. All fencing and gate installation.  
\_\_\_\_\_ Cost
16. All clatter bridge installation (150'x10').  
\_\_\_\_\_ Cost
17. All other miscellaneous work.  
\_\_\_\_\_ Cost

TOTAL BASE BID (sum of all lines above) \_\_\_\_\_

## **DATE FOR COMMENCEMENT AND SUBSTANTIAL COMPLETION**

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

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

Final completion of all work shall be performed within: THIRTY (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 one thousand dollars (\$1,000) 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

STATE OF SOUTH CAROLINA ) County Park  
 ) Emergency Access  
COUNTY OF CHARLESTON )

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.

A. Contractor agrees to provide all labor, equipment, tools, materials, 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.

B. 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 ninety (90) 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)

By: \_\_\_\_\_

\_\_\_\_\_  
(#2 as to Contractor)

Title: \_\_\_\_\_

The City of Isle of Palms, S.C.:

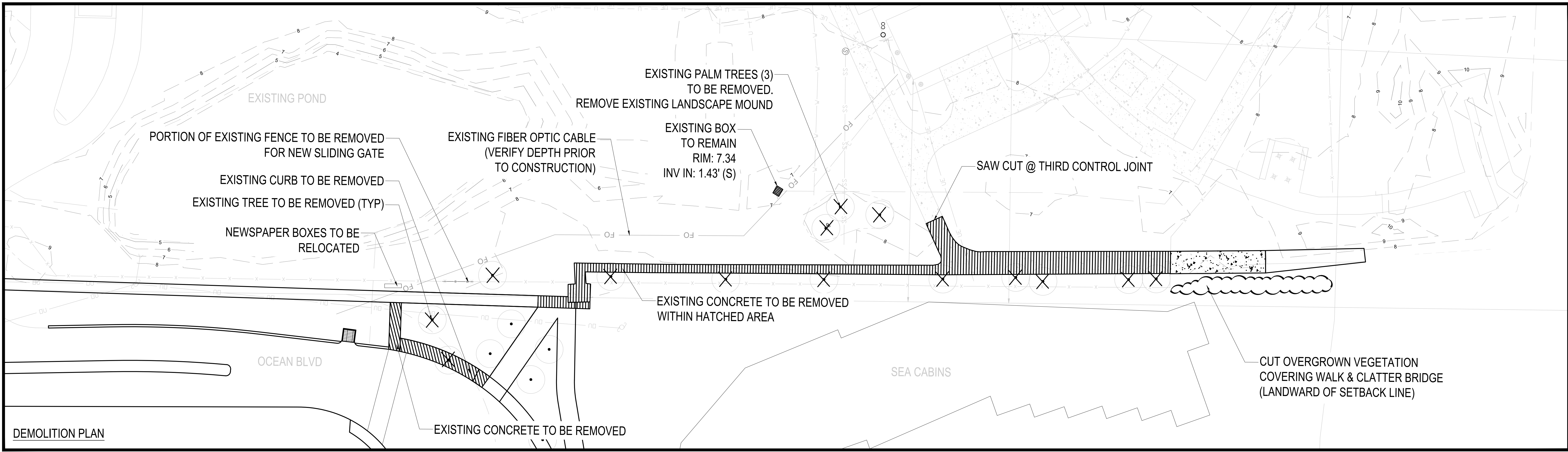
\_\_\_\_\_  
(#1 as to City)

By: \_\_\_\_\_

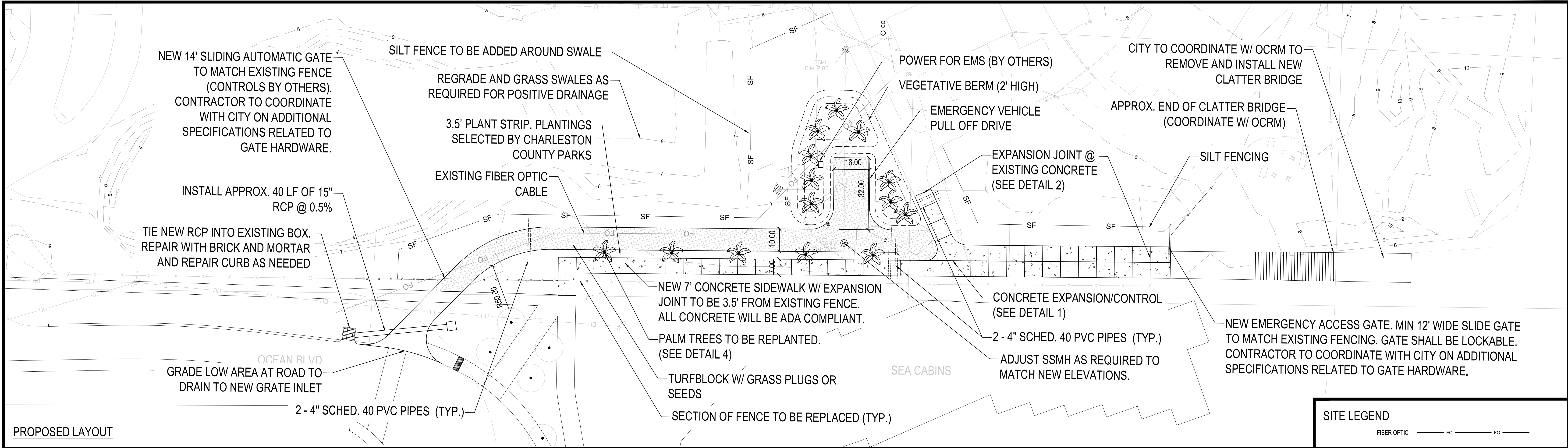
\_\_\_\_\_  
(#2 as to City)

Title: \_\_\_\_\_





DEMOLITION PLAN



PROPOSED LAYOUT

**SITE LEGEND**

FIBER OPTIC — FO — FO —



**ISLE OF PALMS EMERGENCY ACCESS MASTER PLAN**

ISLE OF PALMS, SOUTH CAROLINA  
 NOVEMBER 2023  
 32041.00

NOTE: THIS EXHIBIT IS FOR CONCEPTUAL PURPOSES ONLY. NO SURVEY WAS CONDUCTED TO ESTABLISH EXISTING CONDITIONS. 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.



4" THICK CONCRETE PAVING, REINFORCE AS PER PLANS OR SPECIFICATIONS.

3/4" DEEP TOOLED JOINT.

TYPICAL 4" THICK SAND BED OVER COMPACTED SUB-GRADE.

**CONTROL JOINT**

1/2" DIA. X 24" SMOOTH STEEL DOWEL W/ SLEEVE AT ONE END, 48" O.C. TWO MIN. PER JOINT.

EXPANSION JOINT: 1/2" FELT WITH BREAK AWAY TAB, CAULK WITH GREY SEALANT.

TYPICAL 4" THICK SAND BED OVER COMPACTED SUB-GRADE.

**EXPANSION JOINT**

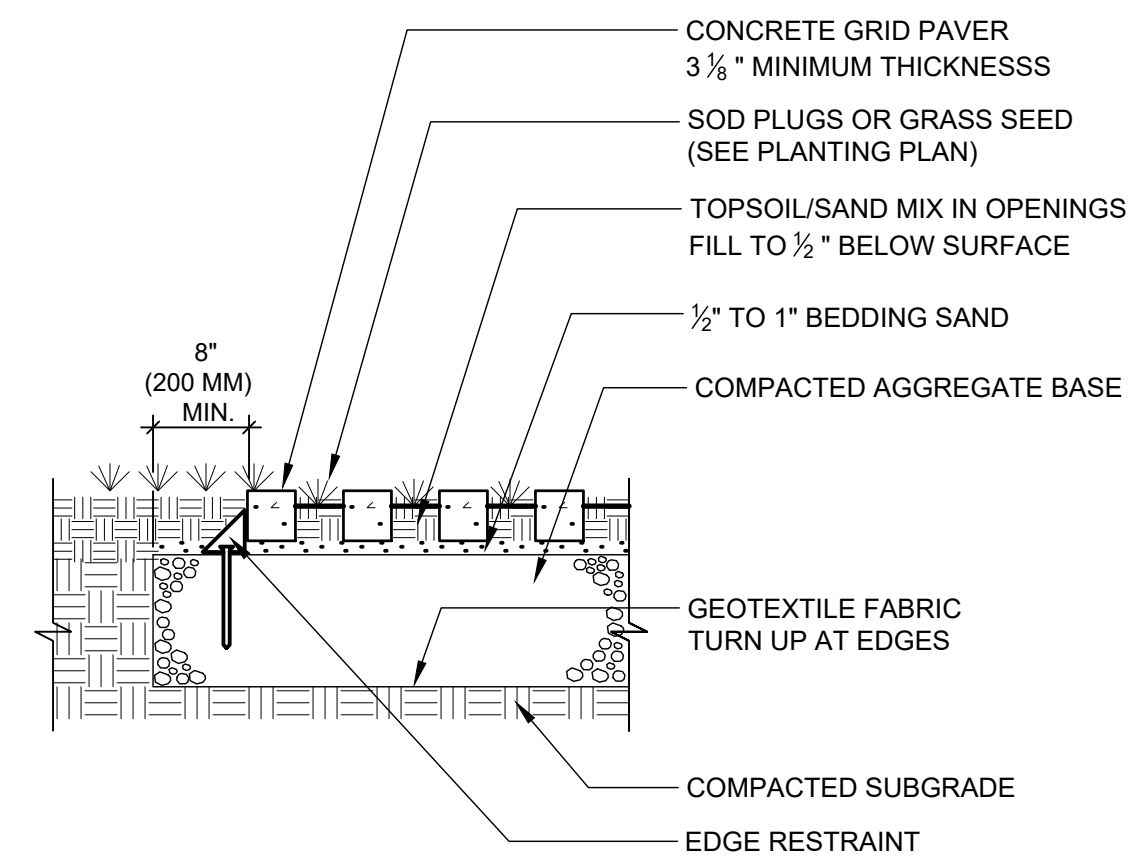
EXISTING CONCRETE PAVING.

EXPANSION JOINT: 1/2" FELT WITH BREAK AWAY TAB, CAULK WITH GREY SEALANT.

NEW CONCRETE PAVING.

DRILL A 1-1/2" DIA. X 3" HOLE IN THE EXISTING CONCRETE AND IMBED THE SLEEVE WITH HIGH STRENGTH GROUT.

1/2" DIA. X 18" SMOOTH STEEL DOWEL W/ SLEEVE AT 48" O.C., TWO MINIMUM PER JOINT.



- NOTES:
1. BASE THICKNESS VARIES WITH TRAFFIC, CLIMATE AND SUBGRADE.
  2. MINIMUM BASE THICKNESS: 6" (150 MM) RESIDENTIAL DRIVEWAYS, 8" (200 MM) FIRELANES & PARKING LOTS.

- NOTES:
1. SABAL PALMETTOS SHALL BE DEFOLIATED.
  2. CABBAGE HEAD TO BE PROTECTED FROM DAMAGE.
  3. ALL TREES MUST ORIGINATE FROM NORTH FLORIDA.
  4. ALL PALMETTOS SHALL BE SPRAY TREATED WITH AN APPROVED INSECTICIDE AT TIME OF ORIGINAL TRANSPLANTING AND AGAIN AT TIME OF PLANTING.
  5. TRUNKS OF PALMETTOS SHALL BE NEARLY UNIFORM IN SIZE OVER ENTIRE HEIGHT AND SHALL BE FREE OF OLD FROND STUBS, FIRE BLACK, AND OTHER DAMAGE.

REMOVE PALM FRONDS FROM TREE PRIOR TO TRANSPORTING

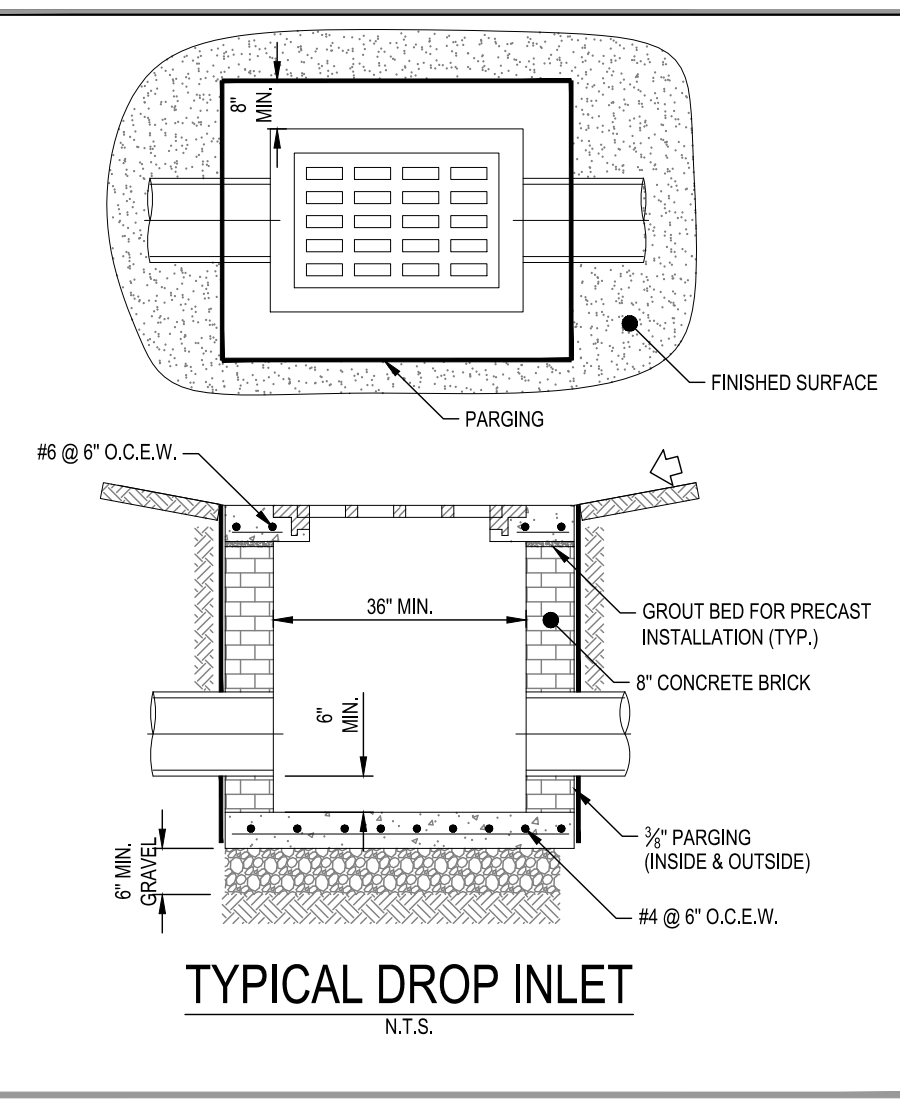
MAINTAIN TREE IN A PLUMB UPRIGHT POSITION. FOR WINDY AREAS USE SLIGHTLY TALLER TREES AND BURY ROOT BALL DEEPER FOR EXTRA STABILITY.

3" THICK MULCH  
ROUND-TOPPED SOIL BERM 6" HIGH X 12" WIDE ABOVE ROOT BALL SURFACE SHALL BE CONSTRUCTED AROUND THE ROOT BALL. BERM SHALL BEGIN AT ROOT BALL PERIPHERY.

FINISHED GRADE  
PLANTING MIXTURE  
UNDISTURBED SUBGRADE

**4 TYPICAL PALM TREE PLANTING**

NTS



**TYPICAL DROP INLET**

NTS

**1 CONCRETE EXPANSION/CONTROL**

1 1/2" = 1'-0"

P-CO-IOP1-02

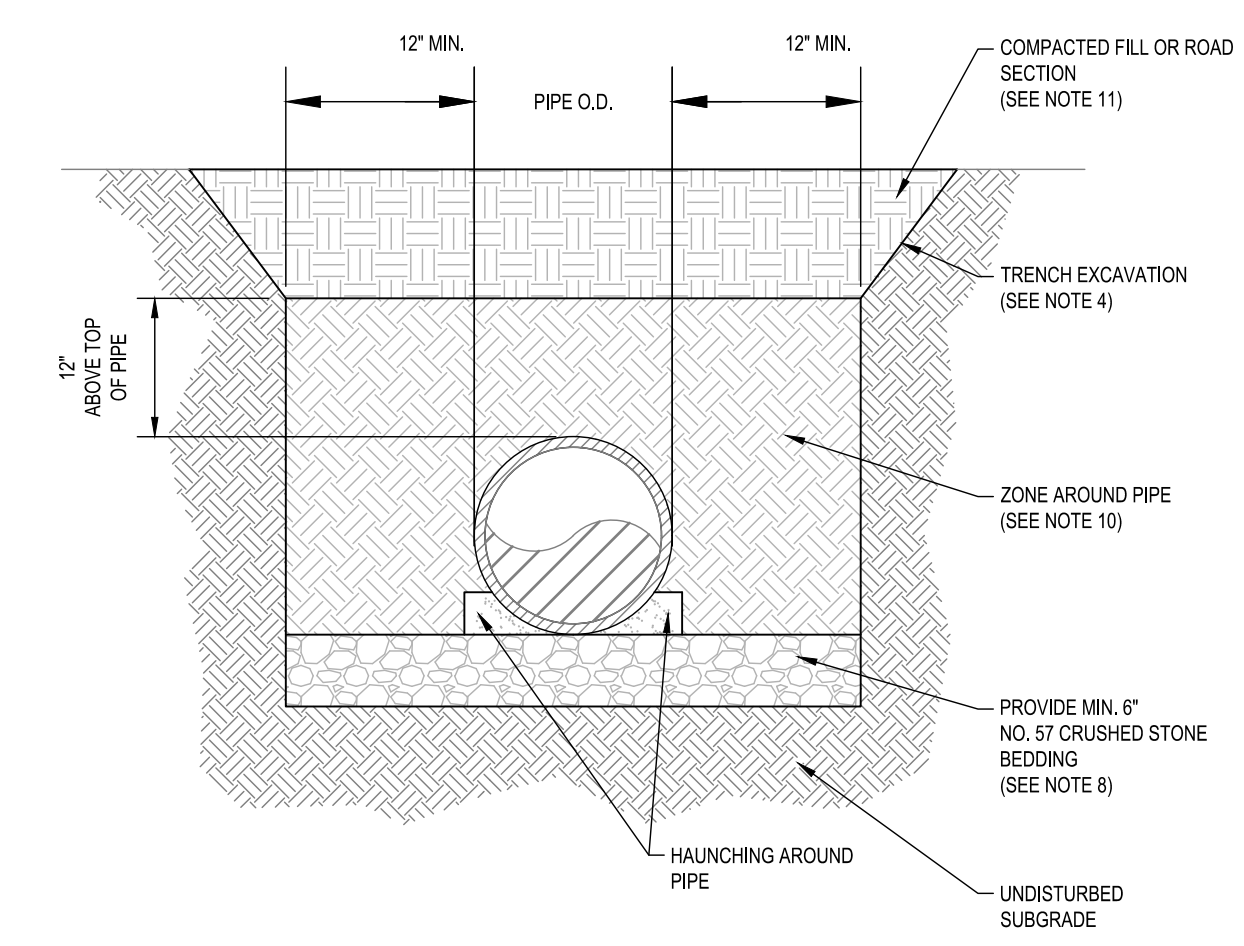
**2 CONCRETE JOINT AT EXISTING PAVING**

3" = 1'-0"

P-CO-IOP1-01

**3 TURFSTONE PERMEABLE PAVER**

NTS  
1" = 1'-0"



- NOTES:
1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION, UNLESS NOTED OTHERWISE.
  2. ALL INSTALLATIONS SHALL BE PERFORMED IN ACCORDANCE WITH PIPE MANUFACTURER'S RECOMMENDATION.
  3. PROTECT EXISTING STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY TRENCHING OPERATIONS.
  4. SLOPE, BRUSH, BRACE SHORE, OR SHIELD ALL TRENCH EXCAVATIONS IN ACCORDANCE WITH OSHA CONSTRUCTION STANDARDS FOR EXCAVATION.
  5. PROVIDE PUMPING AND DRAINAGE FACILITIES ADEQUATE TO KEEP THE EXCAVATED AREA SUFFICIENTLY DRY FROM GROUNDWATER AND SURFACE RUNOFF DURING CONSTRUCTION.
  6. FINE GRADE THE BOTTOM OF TRENCH TO ALLOW FIRM BEARING OF THE BOTTOM OF THE PIPE. PROVIDE BELL HOLES AT EACH JOINT LOCATION.
  7. WRAP ALL PIPE JOINTS WITH MIN. 6 OZ/SY NON-WOVEN FILTER FABRIC, US 160NW OR EQUIVALENT.
  8. PROVIDE CRUSHED STONE OR GRAVEL BEDDING MEETING ASTM C 33, GRADATION 57 (NO. 57), UNDERCUT UNSUITABLE SOILS IN TRENCH BOTTOMS AND PROVIDE ADDITIONAL UNITS OF STONE BEDDING AS DIRECTED BY THE ENGINEER.
  9. BACKFILL TRENCH WITH SUITABLE NATIVE MATERIALS WITH NO FRAGMENTS LARGER THAN 2 INCHES IN GREATEST DIMENSION. BACKFILL UP TO A LEVEL OF 2 FEET OVER TOP OF THE PIPE SHALL CONTAIN NO ROCK, CLOS, OR ORGANIC MATERIALS.
  10. BACKFILL IN ZONE AROUND PIPE TO BE PLACED IN 6" LIFTS AND COMPACTED TO 100% STANDARD PROCTOR MAX. DENSITY (TEST METHOD C, ASTM D698), OR AS DIRECTED BY GEOTECHNICAL ENGINEER. COMPACT THOROUGHLY UNDER PIPE HAUNCHES AND TAMP UNIFORMLY TO PREVENT LATERAL DISPLACEMENT OF THE PIPE.
  11. REMAINING BACKFILL ABOVE PIPE ZONE SHALL BE COMPACTED TO 92% MAX. DENSITY IN UNPAVED AREAS, OR 95% MAX. DENSITY IN PAVED AREAS, UNLESS NOTED OTHERWISE.

**RCP TRENCH**

NTS

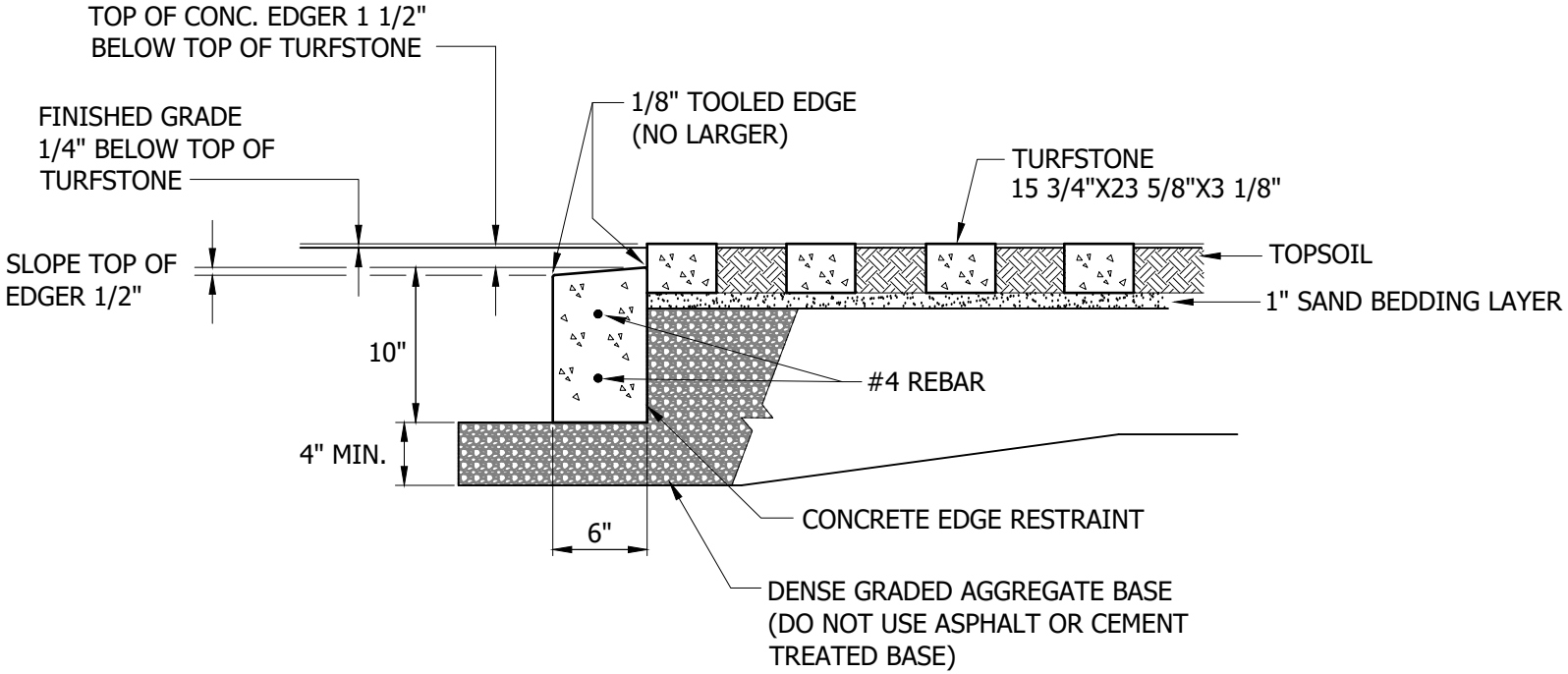




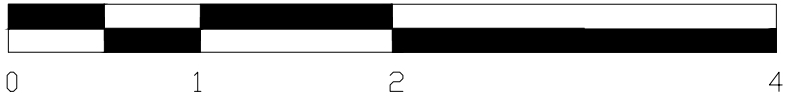




EXCEPT FOR MODIFICATIONS SHOWN IN THIS DETAIL, INSTALL TURFSTONE PAVEMENT AND BASE PER EMERGENCY ACCESS DETAIL IN DRAWINGS BY PLANSCAPE/DAVIS & FLOYD DATED 9/26/24



GRAPHIC SCALE



SPECIAL NOTE: USE OF GEOCELL FILLED WITH COMPACTED EXISTING SOIL TO BE EVALUATED AS POSSIBLE ALTERNATIVE TO DENSE GRADED AGGREGATE BASE

