

# West Pines Soccer Park Renovation of Fields 5 & 6

## Invitation for Bids # RE-21-04

General Information		
Project Cost Estimate	\$900,000	See Section 1.4
Project Timeline	150 calendar days from NTP with an estimated start date of November 1, 2021	See Section 1.4
Evaluation of Proposals	Staff	See Section 1.7
Mandatory Pre-Bid Meeting	9:00 a.m. on July 8, 2021 at the West Pines Soccer Park 350 SW 196 <sup>th</sup> Avenue Pembroke Pines, FL 33029	See Section 1.8
Question Due Date	July 13, 2021	See Section 1.8
Proposals will be accepted until	2:00 p.m. on July 27, 2021	See Section 1.8
5% Proposal Security / Bid Bond	Required in the event that the proposal exceeds \$200,000	See Section 4.1
100% Payment and Performance Bonds	Required in the event that the proposal exceeds \$200,000	See Section 4.2
Grant or Federal Funding Information	Not Applicable	Not Applicable

THE CITY OF PEMBROKE PINES  
PURCHASING DIVISION  
8300 SOUTH PALM DRIVE  
PEMBROKE PINES, FLORIDA 33025  
(954) 518-9020



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#### ATTACHMENTS

Attachment A: Contact Information Form

Attachment B: Non-Collusive Affidavit

Attachment C: Proposers Background Information

Attachment D: Sample Insurance Certificate

Attachment E: Specimen Contract - **Construction Agreement**

Attachment F: References Form

Attachment G: Standard Release of Lien Form

Attachment H: Plans for the Renovation of Fields 5 & 6

Attachment I: Survey of Property

Attachment J: Geotechnical Engineering Report for West Pines Soccer Fields 5 & 6





## **SECTION 1 - INSTRUCTIONS**

### **1.1 NOTICE**

Notice is hereby given that the City Commission of the City of Pembroke Pines is seeking sealed proposals for:

#### **IFB # RE-21-04 West Pines Soccer Park Renovation of Fields 5 & 6**

Solicitations may be obtained from the City of Pembroke Pines website at <http://www.ppines.com/index.aspx?NID=667> and on the [www.BidSync.com](http://www.BidSync.com) website.

If you have any problems downloading the solicitation, please contact the BidSync Support line at 1-800-990-9339.

If additional information help is needed with downloading the solicitation package please contact the Purchasing Office at (954) 518-9020 or by email at [purchasing@ppines.com](mailto:purchasing@ppines.com). The Purchasing Office hours are between 7:00 a.m. - 6:00 p.m. on Monday through Thursday and is located at 8300 South Palm Drive, Pembroke Pines, Florida 33025.

The City requires all questions relating to the solicitation be entered through the "Ask a Question" option tab available on the BidSync website. Responses to the questions will be provided online at [www.bidsync.com](http://www.bidsync.com). Such request must be received by the "Question Due Date" stated in the solicitation. The issuance of a response via BidSync is considered an Addendum and shall be the only official method whereby such an interpretation or clarification will be made.

**Proposals will be accepted until 2:00 p.m., Tuesday, July 27, 2021.** Proposals must be submitted electronically at [www.BidSync.com](http://www.BidSync.com). The sealed electronic proposals will be publicly opened at 2:30 p.m. by the City Clerk's Office, in the City Hall Administration Building, 4<sup>th</sup> Floor Conference Room located at 601 City Center Way, Pembroke Pines, Florida, 33025.

#### **1.1.1 VIRTUAL BID OPENING**

At the time of writing this notice, the City will not be opening up the physical location for public access as **City offices are closed to the public**, due to the COVID-19 Coronavirus Pandemic.

As a result, meetings may be a combination of in-person and virtual, all as provided by law. **In any event, the public is encouraged to attend the bid opening process virtually in lieu of attending the meeting in person.**



Bid openings for this project will be live-streamed from the City Clerk's Office, in the City Hall Administration Building, 4th Floor Conference Room located at 601 City Center Way, Pembroke Pines, Florida, 33025 at **2:30 PM on the bid due date**.

While recognizing the importance of public accessibility to the bid openings, and considering public health concerns, in the abundance of caution, the City is requesting that interested parties utilize live streaming as a safe way for vendors and the public to view the bid opening process in lieu of attending the meeting in person.

The public is invited to attend the meeting virtually via the Cisco Webex Meetings platform.

- Cisco Webex Meeting Number: 717 019 586
- Join by Phone Number: +1-408-418-9388

The public may download the **Cisco Webex Meetings app** from <https://www.webex.com/downloads.html/>, to view and listen to the meeting, however please make sure to mute your phone/microphone/device's audio and camera as the **public may attend the meeting but will not be allowed to comment or participate in the proceedings.**

If any member of the public requires additional information about this meeting or has any questions about how to access the meeting, please contact:

Danny Benedit, Procurement Department  
City of Pembroke Pines  
8300 South Palm Drive,  
Pembroke Pines, FL 33025  
954-518-9022  
[purchasing@ppines.com](mailto:purchasing@ppines.com)

## **1.2 PURPOSE**

The City of Pembroke Pines is seeking proposals from qualified firms, hereinafter referred to as the Contractor, to renovate soccer fields 5 & 6 at the West Pines Soccer Park located at 350 SW 196<sup>th</sup> Avenue, Pembroke Pines, FL 33029 in accordance with the terms, conditions, and specifications contained in this solicitation. Project details include demolition of existing fields and infrastructure and installation of new drainage, irrigation sod, sidewalks and shade structures as specified within Attachment H.

## **1.3 SCOPE OF WORK**

1. Contractor shall renovate the existing soccer fields 5 & 6 per the attached engineered drawings and specifications. Details on the scope of work are included in Attachment H and Attachment I.



2. Contractor is responsible for verifying all field measurements and conditions.
3. All work must be constructed as per all governing code requirements.

### **1.3.1 Preparatory Work**

1. The plans provided in Attachment H have already been permitted by the City.
2. Contractor will be required to obtain an Engineering Permit for the site work and a Building Permit for the shade structure.
3. Contractor will be required to schedule all work with the Project Manager.
4. The work must be performed Monday through Friday or as approved by the Project Manager.
5. Any use of existing parking areas shall be requested in advance.
6. Contractor's use of premises:
  - Contractor shall coordinate use of premises under direction of the City's Project Manager.
  - Contractor shall assume full responsibility for the protection and safe-keeping of products under this contract stored on-site.
7. Contractor shall move any stored products under Contractor's control, which may interfere with operations of the City or separate Contractor.
8. At least 48 hours prior to demolition and again prior to construction, Contractor shall call 811 for locations of all utility companies with facilities in the area. City will be responsible for irrigation locates once requested by Contractor.
9. Contractor will be required to conduct a Kickoff Meeting with staff and consultants after Notice to Proceed is issued and prior to commencement of work.

### **1.3.2 Demolition Work**

1. Demolish as required to accomplish work indicated in the drawings. All required demolition shall be included in the base bid package submitted by the contractor.
2. Contractor shall be responsible for daily clean-up and removal of all debris from the site.
3. Do not allow materials and debris generated daily to be disposed of in an illegal manner. No sale or burning of removed items is permitted.
4. Contractor shall utilize the City's Franchise Solid Waste Hauler, Waste Pro. See Section 4.5 of this bid document.

### **1.3.3 General Information**

1. The minimum experience required as General Contractor is 5 years for this project with experience being in the area of sports field construction.
2. Contractor shall provide all materials, labor, equipment, and any other necessary items required for construction.
3. Contractor shall, besides the attached engineered drawings and specs, provide all required documents, like submittals, densities and NOA's necessary to obtain a permit and for normal project execution.



4. Contractor shall provide all testing, manufacturer warranties, and certifications.
5. The successful Bidder shall employ a competent English speaking superintendent who shall be in attendance at the project site during the progress of the work. The superintendent shall be the primary representative for the Bidder and all communications given to and all decisions made by the superintendent shall be binding to the Bidder.
6. Project is lump sum. However, a schedule of values must be provided and approved by City after contract award. This will be the basis for payments.
7. Contractor shall be responsible for all debris removal and restoration to any existing areas damaged by the contractor once the project is completed. Site shall be secured, and clean of debris at the end of each work day.
8. All precautions need to be taken for life safety and protection of people, vehicles, and all other structures on the site.
9. If applicable, contractor must clean all catch basins, manhole covers & valves and/or take precautions to keep basins, covers & valves free from debris.
10. The Contractor is responsible for protecting, replacing, repairing, and/or restoring any driveways, mailboxes, sod, signs or other public and private property damaged as a result of the Contractor's work.
11. If applicable, Contractor shall implement an FDOT approved MOT program to maintain the flow of traffic and secure the work area while project is ongoing.
12. Contractor shall limit their use on the premises for work and storage, and to allow for Owner's Occupancy.
13. Contractor shall coordinate use of premises under direction of owner representative, assume full responsibility for protection and safe keeping of products under this contract stored on site, and move any stored products under Contractor's control which interfere with operations of the Owners or separate contractor.
14. The awarded Contractor will be required to execute the sample contract as shown in **Attachment E "Specimen Contract/Agreement"**.
15. Contractor must be licensed to do work in the State of Florida, Broward County, and Pembroke Pines and must hold appropriate professional registrations.

#### **1.4 PROJECT COST ESTIMATE & TIMELINE**

Staff estimates this project to cost approximately \$900,000, which does not include permit costs.

Please note that the City will waive all City related permit, license, impact or inspection fees (including the Building Department and Engineering Department Permit Fees) related to this project. Any related State or County fees, for the aforementioned permits, will be paid by the City.

In addition, the City shall cover the cost for any other permit fees related to external entities through the City's Owner's Contingency for this project, **therefore proposers should not include permit costs in their total proposal price.**

The City shall determine the amount of the Owner's Contingency at time of award. The Owner's Contingency may be based on a specified percent of the proposed project amount and



shall be established for the specific project being performed under the contract. This dollar amount shall be shown on the specific project purchase order as a distinct item from the vendor's overall offer to determine the total potential dollar value of the contract. Any Owner's Contingency funds that have not been utilized at the end of the project will remain with the City, if the permit fees exceed the Owner's Contingency indicated, the City will reimburse the contractor the actual amount of the permit fees required for project completion.

The work shall be completed within one hundred and fifty (150) days from issuance of CITY's Notice to Proceed, with an estimated start date of November 1, 2021

## **1.5 PROPOSAL REQUIREMENTS**

The **www.bidsync.com** website allows for vendors to complete, scan and upload their documents as part of the bidder's submittal on the website. Prospective proposers interested in responding to this solicitation are requested to provide all of the information listed in this section. Submittals that do not respond completely to all of requirements specified herein may be considered non-responsive and eliminated from the process. Brevity and clarity are encouraged.

### **1.5.1 Attachment A: Contact Information Form**

- a. Attached is contact information form (Attachment A) where the vendor will enter their contact information and complete the proposal checklist. The Contact information form shall be electronically signed by the contact person authorized to represent the contractor. This form must be completed and submitted through www.bidsync.com as part of the bidder's submittal.
- b. The vendor must provide their pricing through the designated lines items listed on the BidSync website.
- c. Please note vendors should be registered on BidSync under the name of the organization that they are operating as and it should match the organization name on the documents that they are submitting and utilizing when responding to the solicitation.
- d. The contact information form should contain an electronic signature of the authorized representative of the Proposer along with the address and telephone number for communications regarding the Proposal.

### **1.5.2 Attachment B: Non-Collusive Affidavit**

### **1.5.3 Attachment C: Proposer's Background Information**

### **1.5.4 Attachment F: References Form**



- a. Complete **Attachment F: References Form**, preferably where the team was the same. References should be from the last five years and should be capable of explaining and confirming your firm's capacity to successfully complete the scope of work outlined herein. As part of the proposal evaluation process, the City may conduct an investigation of references, including a record check or consumer affairs complaints. Proposers' submission of a proposal constitutes acknowledgment of the process and consent to investigate. The City is the sole judge in determining Proposers qualifications.

#### **1.5.5 Proposal Security (Bid Bond Form or Cashier's Check)**

- a. Each Proposal should be accompanied by a certified or cashier's check or by a Bid Bond made payable to the City of Pembroke Pines on an approved form, duly executed by the Proposer as principal and having as surety thereon a surety company acceptable to CITY and authorized to write such Bond under the laws of the State of Florida, in an amount not less than five percent (5%) of the amount of the base Proposal price.
- b. Contingency is not to be counted in the total amount the proposal security is based on.
- c. Proposers must submit a scanned copy of their bid security (bid bond form or cashier's check) with their bid submittal through BidSync.
- d. Proposers should also submit their original bid security (bid bond form or cashier's check) at time of the bid due date, or they may be deemed as non-responsive.
- e. The original Bid Bond or Cashier's Check should be in a sealed envelope, plainly marked "**BID SECURITY - IFB # RE-21-04 West Pines Soccer Park Renovation of Fields 5 & 6**" and sent to the City of Pembroke Pines, City Clerk's Office, 4th Floor, 601 City Center Way, Pembroke Pines, Florida, 33025.
- f. Please see SECTION 4 - SPECIAL TERMS & CONDITIONS of this RFP for additional information.

#### **1.6 VENDOR REGISTRATION DOCUMENTS**

The City of Pembroke Pines is currently implementing an enhanced Citywide Enterprise Resource Planning (ERP) system with the goal of updating our processes and improving customer service. Part of the new Tyler Technologies Munis ERP system will include a vendor management module. In addition, this new system will include a Vendor Self Service (VSS) web portal which will allow vendors to update their information and documents on an as-needed basis. Using VSS, vendors will also be able to enter and maintain their contact and remittance information, discount and payment terms, designated contact persons, and the commodity codes that represent the goods and services the vendor can provide.



While we work towards go-live with the new VSS web portal, we are requesting for vendors to complete the Vendor Registration Packet to help facilitate the implementation process.

These forms will be found under the “Vendor Registration” group of “Qualifications” on the BidSync website for the City of Pembroke Pines. Please note that the BidSync website requires bidders to complete all of the applicable qualifications prior to being able to submit questions on any bids, therefore, please make sure to complete this information as soon as possible.

The new process is intended to make the bidding process easier for vendors that bid on multiple City projects. This process will allow vendors to complete and submit the following standard forms and documents at any time prior to bidding on a project. In addition, the vendors will be able to utilize these same forms without the need to re-fill and re-submit the forms each time they bid on a City project. In the event that the City does not have one of the forms or documents listed below for your company, the City may reach out to your company after the bid has closed to obtain the document(s).

**Furthermore, please make sure to update this information on an as-needed basis so that all pertinent information is accurate, such as local business tax receipts, and any other relevant information.**

The following documents can be completed prior to the bidding process through the BidSync website and do not need to be attached to your submittal as the BidSync website will automatically include it.

**1.6.1 Vendor Information Form**

**1.6.2 Form W-9 (Rev. October 2018)**

- a. Previously dated versions of this form will delay the processing of any payments to the selected vendor.

**1.6.3 Sworn Statement on Public Entity Crimes Form**

**1.6.4 Local Vendor Preference Certification**

**1.6.5 Local Business Tax Receipts**

**1.6.6 Veteran Owned Small Business Preference Certification**

- a. If claiming Veteran Owned Small Business Preference Certification, business must attach the “Determination Letter” from the United States Department of Veteran Affairs Center for Verification and Evaluation notifying the business that they have been approved as a Veteran Owned Small Business (VOSB).





- b. The Veteran Owned Small Business Preference Certification form must be completed by/for the proposer; the proposer **WILL NOT** qualify for Veteran Owned Small Business Preference based on their sub-contractors' qualifications.

**1.6.7 Equal Benefits Certification Form**

**1.6.8 Vendor Drug-Free Workplace Certification Form**

**1.6.9 Scrutinized Company Certification**

**1.6.10 E-Verify System Certification Statement**

- a. Effective January 1, 2021, pursuant to Section 448.095, Florida Statutes, the City may not enter into a contract with a vendor/contractor/subcontractor unless that vendor/contractor/subcontractor is registered with and uses the E-Verify system administered by the U.S. Department of Homeland Security ("DHS").
- b. Contractor shall also require all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the contract.

**1.7 EVALUATION OF PROPOSALS & PROCESS OF SELECTION**

- A. Staff will evaluate all responsive proposals received from proposers who meet or exceed the bid requirements contained in the solicitation. Evaluations shall be based upon the information contained in the proposals as submitted.
- B. Staff will make a recommendation to the City Commission for award of contract.

**1.8 TENTATIVE SCHEDULE OF EVENTS**

<b>Event</b>	<b>Time &amp;/or Date</b>
Issuance of Solicitation (Posting Date)	<b>June 22, 2021</b>
Mandatory Pre-Bid Meeting	<b>9:00 a.m. on July 8, 2021</b>
Question Due Date	<b>July 13, 2021</b>
Anticipated Date of Issuance for the Addenda with Questions and Answers	<b>July 19, 2021</b>
Proposals will be accepted until	<b>2:00 p.m. on July 27, 2021</b>
Proposals will be opened at	<b>2:30 p.m. on July 27, 2021</b>
Evaluation of Proposals by Staff	<b>August 2, 2021 – August 5, 2021</b>
Recommendation of Contractor to City Commission award	<b>August 18, 2021</b>





Issuance of Notice to Proceed	<b>November 1, 2021</b>
Project Commencement	<b>Not later than 10 days after NTP</b>
Project Completion	<b>150 days after NTP</b>

### **1.8.1 MANDATORY PRE-BID MEETING / SITE VISIT**

There will be a mandatory scheduled pre-bid meeting on **July 8, 2021 at 9:00 a.m.** Meeting location will be at the West Pines Soccer Park, located at 350 SW 196<sup>th</sup> Avenue, Pembroke Pines, FL 33029.

**All vendors will be required to sign in at the meeting to show proof of attendance to the mandatory meeting. It is the vendor's responsibility to make sure that they sign in at the meeting.**

### **1.9 SUBMISSION REQUIREMENTS**

Bids/proposals **must be submitted electronically** at [www.bidsync.com](http://www.bidsync.com) on or before **2:00 p.m. on July 27, 2021.**

Please note vendors should be registered on BidSync under the name of the organization that they are operating as and it should match the organization name on the documents that they are submitting and utilizing when responding to the solicitation.

The vendor must provide their pricing through the designated lines items listed on the BidSync website. In addition, the vendor must complete any webforms on the BidSync website and provide any additional information requested throughout this solicitation. Any additional information requested in the solicitation should be scanned and uploaded. **Unless otherwise specified, the City requests for vendors to upload their documents as one (1) PDF document in the order that is outline in the bid package.**

The City recommends for proposers to submit their proposals as soon as they are ready to do so. Please allow ample time to submit your proposals on the BidSync website. Proposals may be modified or withdrawn prior to the deadline for submitting Proposals. BidSync Support is happy to help you with submitting your proposal and to ensure that you are submitting your proposals correctly, but we ask that you contact their support line at 1-800-990-9339 with ample time before the bid closing date and time.

**PLEASE DO NOT SUBMIT ANY PROPOSALS VIA MAIL, E-MAIL OR FAX.**

However, please note that any required Bid Bond or Cashier's Check should be in a sealed envelope, plainly marked "**BID SECURITY - IFB # RE-21-04 West Pines Soccer Park Renovation of Fields 5 & 6**" and sent to the City of Pembroke Pines, City Clerk's Office, 4th Floor, 601 City Center Way, Pembroke Pines, Florida, 33025.



## **SECTION 2 - INSURANCE REQUIREMENTS**

2.1 The CONTRACTOR shall indemnify and hold harmless the CITY and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the CITY or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the CONTRACTOR or its employees, agents, servants, partners, principals or subcontractors. The CONTRACTOR shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the CITY, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorneys' fees which may issue thereon. The CONTRACTOR expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the CONTRACTOR shall in no way limit the responsibility to indemnify, keep and save harmless and defend the CITY or its officers, employees, agents and instrumentalities as herein provided.

2.2 CONTRACTOR shall not commence work under this Agreement until it has obtained all insurance required under this paragraph and such insurance has been approved by the Risk Manager of the CITY nor shall the CONTRACTOR allow any subcontractor to commence work on any subcontract until all similar such insurance required of the subcontractor has been obtained and similarly approved.

2.3 Certificates of Insurance, reflecting evidence of the required insurance, shall be filed with the CITY's Risk Manager prior to the commencement of this Agreement. Policies shall be issued by companies authorized to do business under the laws of the State of Florida. The insurance company shall be rated no less than "A" as to management, and no less than "Class VI" as to financial strength according to the latest edition of Best's Insurance Guide published by A.M. Best Company.

2.4 Certificates of Insurance shall provide for thirty (30) days' prior written notice to the CITY in case of cancellation or material changes in the policy limits or coverage states. If the carrier cannot provide thirty (30) days' notice of cancellation, either the CONTRACTOR or their Insurance Broker must agree to provide notice.

2.5 Insurance shall be in force until all obligations required to be fulfilled under the terms of the Agreement are satisfactorily completed as evidenced by the formal acceptance by the CITY. In the event the insurance certificate provided indicates that the insurance shall terminate and lapse during the period of this Agreement, the CONTRACTOR shall furnish, at least forty-five (45) days prior to the expiration of the date of such insurance, a renewed certificate of insurance as proof that equal and like coverage for the balance of the period of the Agreement and extension thereunder is in effect. The CONTRACTOR shall neither commence nor continue to provide any services pursuant to this Agreement unless all required insurance remains in full force and effect. CONTRACTOR shall be liable to CITY for any lapses in service resulting from a gap in insurance coverage.

2.6 REQUIRED INSURANCE



CONTRACTOR shall be required to obtain all applicable insurance coverage, as indicated below, prior to commencing any work pursuant to this Agreement:

Yes No



2.6.1 Comprehensive General Liability Insurance written on an occurrence basis including, but not limited to: coverage for bodily injury and property damage, personal & advertising injury, products & completed operations, and contractual liability. Coverage must be written on an occurrence basis, with limits of liability no less than:

1. Each Occurrence Limit - \$1,000,000
2. Fire Damage Limit (Damage to rented premises) - \$100,000
3. Personal & Advertising Injury Limit - \$1,000,000
4. General Aggregate Limit - \$2,000,000
5. Products & Completed Operations Aggregate Limit - \$2,000,000

Products & Completed Operations Coverage shall be maintained for the later of three (3) years after the delivery of goods/services or final payment under the Agreement. *(For Construction projects: Increase to ten (10) years and include a Designated Construction Project(s) General Aggregate Limit)*

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No



2.6.2 Workers' Compensation and Employers' Liability Insurance covering all employees, and/or volunteers of the CONTRACTOR engaged in the performance of the scope of work associated with this Agreement. In the case any work is sublet, the CONTRACTOR shall require the subcontractors similarly to provide Workers' Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the CONTRACTOR. Coverage for the CONTRACTOR and all subcontractors shall be in accordance with applicable state and/or federal laws that may apply to Workers' Compensation Insurance with limits of liability no less than:

1. Workers' Compensation: Coverage A – Statutory
2. Employers Liability: Coverage B \$500,000 Each Accident  
\$500,000 Disease – Policy Limit  
\$500,000 Disease – Each Employee

If CONTRACTOR claims to be exempt from this requirement, CONTRACTOR shall provide CITY proof of such exemption along with a written request for CITY to exempt CONTRACTOR, written on CONTRACTOR letterhead.



Yes No

- ✓ ☐ 2.6.3 Comprehensive Auto Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the performance of work under this Agreement, with a combined single limit of liability for bodily injury and property damage no less than:

1. Any Auto (Symbol 1)  
Combined Single Limit (Each Accident) - \$1,000,000
2. Hired Autos (Symbol 8)  
Combined Single Limit (Each Accident) - \$1,000,000
3. Non-Owned Autos (Symbol 9)  
Combined Single Limit (Each Accident) - \$1,000,000

If work under this Agreement includes transportation of hazardous materials, policy shall include pollution liability coverage equivalent to that provided by the latest version of the ISO pollution liability broadened endorsement for auto and the latest version of the ISO Motor Carrier Act endorsement, equivalents or broader language.

Yes No

- ☐ ✕ 2.6.3.1 If CONTRACTOR requests reduced limits under a Personal Auto Liability Policy and it is agreed to by the CITY, coverage shall include Bodily Injury limits of \$100,000 per person/\$300,000 per occurrence and Property Damage limits of \$300,000 per occurrence

Yes No

- ✓ ☐ 2.6.4 Umbrella/Excess Liability Insurance in the amount of **\$2,000,000.00** as determined appropriate by the CITY depending on the type of job and exposures contemplated. Coverage must be follow form of the General Liability, Auto Liability and Employer's Liability. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment pursuant to this Agreement.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ✕ 2.6.5 Professional Liability/Errors & Omissions Insurance with a limit of liability no less than **\$1,000,000** per wrongful or negligent act. This coverage shall be maintained for a period of no less than three (3) years after the delivery of goods/services final payment pursuant to this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed. For Construction projects: Increase to ten (10) years.)*



Yes No

- ☒ ☐ 2.6.6 Environmental/Pollution Liability insurance shall be required with a limit of no less than \$1,000,000 per wrongful act. Coverage shall include: CONTRACTOR's completed operations, sudden, accidental and gradual pollution conditions. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment pursuant to this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed. For Construction projects: Increase to ten (10) years)*

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☒ 2.6.7 Cyber Liability including Network Security and Privacy Liability with a limit of liability no less than \$1,000,000 per loss. Coverage shall include liability arising from: theft, dissemination and/or use of confidential information stored or transmitted in electronic form, unauthorized access to, use of, or tampering with computer systems, including hacker attacks or inability of an authorized third party to gain access to your services, including denial of service, and the introduction of a computer virus into, or otherwise causing damage to, a customer's or third person's computer, computer system, network, or similar computer-related property and the data, software and programs thereon. If vendor is collecting credit card information, it shall cover all PCI breach expenses. Coverage is to include the various state monitoring and state required remediation as well as meet the various state notification requirements. This coverage shall be maintained for a period of no less than the later of three (3) years after delivery of goods/services or final payment of the Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☒ 2.6.8 Crime Coverage shall include employee dishonesty, forgery or alteration, and computer fraud in an amount of no less than \$1,000,000 per loss. If CONTRACTOR is physically located on CITY's premises, a third-party fidelity coverage extension shall apply.

Yes No

- ☐ ☒ 2.6.9 Garage Liability & Garage-keepers Legal Liability for those that manage parking lots for the CITY or service CITY vehicles. Coverage must be written on an occurrence basis, with limits of liability no less than \$1,000,000 per Occurrence, including products &



completed operations. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment of this Agreement.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ \* 2.6.10 Liquor Liability for those in the business of selling, serving or furnishing of any alcoholic beverages, whether licensed or not, shall carry a limit of liability of no less than \$1,000,000 per occurrence. Coverage shall be maintained for the later of three (3) years after the delivery of goods/services or final payment under the Agreement.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ \* 2.6.11 Sexual Abuse & Molestation for any agreement involving a vulnerable population. Limits shall be no less than \$500,000 per occurrence. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment of this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed.)*

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ \* 2.6.12 Builder's Risk Insurance shall be "All Risk" for one hundred percent (100%) of the completed value of the project that is the subject of this Agreement with a deductible of not more than five percent (5%) for Named Windstorm and \$20,000 per claim for all other perils. The Builder's Risk Insurance shall include interests of the CITY, the CONTRACTOR and subcontractors of the project. The CONTRACTOR shall include a separate line item for all costs associated with the Builder's Risk Insurance Coverage for the project. The CITY reserves the right at its sole discretion to utilize the CONTRACTOR's Builder's Risk Insurance or for the CITY to purchase its own Builder's Risk Insurance for the Project. Prior to the CONTRACTOR purchasing the Builder's Risk insurance for the project, the CONTRACTOR shall allow the CITY the opportunity to analyze the CONTRACTOR's coverage and determine who shall purchase the coverage. Should the CITY utilize the CONTRACTOR's Builder's Risk Insurance, the CONTRACTOR shall be responsible for all deductibles. If the CITY chooses to purchase





the Builder's Risk Coverage on the project, the CONTRACTOR shall provide the CITY with a change order deduct for all premiums and costs associated with the Builder's Risk insurance in their schedule. Should the CITY choose to utilize the CITY's Builder's Risk Program, the CITY shall be responsible for the Named Windstorm Deductible and the CONTRACTOR shall be responsible for the All Other Perils Deductible.

If and when 100% is not available or reasonable, the CITY Risk Manager is to make the determination as to what limits are appropriate for the given project.

Yes No

☐ \* 2.6.13 Other Insurance

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## 2.7 REQUIRED ENDORSEMENTS

- 2.7.1 The City of Pembroke Pines shall be named as an Additional Insured on each of the Liability Policies required herein.
- 2.7.2 Waiver of all Rights of Subrogation against the CITY.
- 2.7.3 Thirty (30) Day Notice of Cancellation or Non-Renewal to the CITY.
- 2.7.4 CONTRACTOR's policies shall be Primary & Non-Contributory.
- 2.7.5 All policies shall contain a "severability of interest" or "cross liability" clause without obligation for premium payment of the CITY.
- 2.7.6 The City of Pembroke Pines shall be named as a Loss Payee on all Property and/or Inland Marine Policies as their interest may appear.

2.8 Any and all insurance required of the CONTRACTOR pursuant to this Agreement must also be required by any subcontractor in the same limits and with all requirements as provided herein, including naming the CITY as an additional insured, in any work that is subcontracted unless such subcontractor is covered by the protection afforded by the CONTRACTOR and provided proof of such coverage is provided to CITY. The CONTRACTOR and any subcontractors shall maintain such policies during the term of this Agreement.

2.9 The CITY reserves the right to require any other additional types of insurance coverage and/or higher limits of liability it deems necessary based on the nature of work being performed under this Agreement.

2.10 The insurance requirements specified in this Agreement are minimum requirements and in no way reduce any liability the CONTRACTOR has assumed in the indemnification/hold harmless section(s) of this Agreement.



## **SECTION 3 - GENERAL TERMS & CONDITIONS**

### **3.1 EXAMINATION OF CONTRACT DOCUMENTS**

Before submitting a Proposal, each Proposer should (a) consider federal, state and local laws, ordinances, rules and regulations that may in any manner affect cost or performance of the work, (b) study and carefully correlate the Proposer's observations with the Proposal Documents; and (c) notify the Purchasing Manager of all conflicts, errors and discrepancies, if any, in the Proposal Documents.

The Proposer, by and through the submission of a Proposal, agrees that Proposer shall be held responsible for having familiarized themselves with the nature and extent of the work and any local conditions that may affect the work to be done and the services, equipment, materials, parts and labor required.

### **3.2 CONFLICT OF INSTRUCTIONS**

If a conflict exists between the General Conditions and Instructions stated herein and specific conditions and instructions contained in specifications, the specifications shall govern.

### **3.3 ADDENDA or ADDENDUM**

A formal solicitation may require an Addendum to be issued. An addendum in some way may clarify, correct or change the original solicitation (i.e. due date/time, specifications, terms, conditions, line item). Vendors submitting a proposal should check the BidSync website for any addenda issued. Vendors are cautioned not to consider verbal modifications to the solicitation, as the addendum issued through BidSync will be the only official method whereby changes will be made.

### **3.4 INTERPRETATIONS AND QUESTIONS**

If the Proposer is in doubt as to the meaning of any of the Proposal Documents, is of the opinion that the Conditions and Specifications contain errors or contradictions or reflect omissions, or has any question concerning the conditions and specifications, the Proposer shall submit a question for interpretation or clarification. The City requires all questions relating to the solicitation be entered through the "**Ask a Question**" option tab available on the BidSync website. Responses to the questions will be provided online at [www.bidsync.com](http://www.bidsync.com). Such request must be received by the "**Question Due Date**" stated in the solicitation. Questions received after "**Question Due Date**" shall not be answered. Interpretations or clarifications in response to such questions will be issued via BidSync. The issuance of a response via BidSync is considered an Addendum and shall be the only official method whereby such an interpretation or clarification will be made.

BidSync Support is also available to assist proposers with submitting their proposal and to ensure that proposers are submitting their proposals correctly. Proposers should ensure that they contact the BidSync support line at 1-800-990-9339 with ample time before the bid closing date and time.

For all other questions related to this solicitation, please contact the Purchasing Division at [purchasing@ppines.com](mailto:purchasing@ppines.com).

### **3.5 RULES, REGULATIONS, LAWS, ORDINANCES and LICENSES**

The awarded contractor shall observe and obey all laws, ordinances, rules, and regulations of the federal, state, and CITY, which may be applicable to the service being provided. The awarded firm shall have or be responsible for obtaining all necessary permits or licenses required, if necessary, in order to provide this service.





Bidder warrants by submittal that prices quoted here are in conformity with the latest federal price guidelines, if any.

### **3.6 WARRANTIES FOR USAGE**

Whenever a bid is sought, seeking a source of supply for a specified time for materials or service, the quantities or usage shown are estimated only. No guarantee or warranty is given or implied by the City as to the total amount that may or may not be purchased from any resulting contracts. These quantities are for bidders information only and will be used for tabulation and presentation of bid.

### **3.7 BRAND NAMES**

If and wherever in the specifications a brand name, make, name of manufacturer, trade name, or vendor catalog number is mentioned, it is for the purpose of establishing a grade or quality of material only. Since the City does not wish to rule out other competition and equal brands or makes, the phrase "OR EQUAL" is added. However, if a product other than that specified is bid, Bidders shall indicate on their proposal and clearly state the proposed substitution and deviation. It is the vendor's responsibility to provide any necessary documentation and samples within their bid submittal to prove that the product is equal to that specified. Such samples are to be furnished before the date of bid opening, unless otherwise specified. Additional evidence in the form of documentation and samples may be requested if the proposed brand is other than that specified. The City retains the right to determine if the proposed brand shall be considered as an approved equivalent or not.

### **3.8 QUALITY**

All materials used for the manufacture or construction of any supplies, materials, or equipment covered by this bid shall be new, the latest model, of the best quality, and

highest grade workmanship, unless otherwise noted.

### **3.9 SAMPLES**

Samples, when requested, must be furnished before, or at the bid opening, unless otherwise specified, and delivered free of expense to the City and if not used in testing or destroyed, will upon request within thirty (30) days of bid award be returned at the bidders expense.

### **3.10 DEVELOPMENT COSTS**

Neither the City nor its representatives shall be liable for any expenses incurred in connection with the preparation, submission or presentation of a Bid in response to this solicitation. All information in the Bid shall be provided at no cost to the City.

### **3.11 PRICING**

Prices should be stated in units of quantity specified in the bidding specifications. In case of discrepancy in computing the amount of the bid, the unit prices quoted will govern.

Bidder warrants by virtue of bidding that prices, terms, and conditions quoted in his bid will be firm for acceptance for a period of ninety (90) days from date of bid opening unless otherwise stated by the City or bidder.

### **3.12 DELIVERY POINT**

All items shall be delivered F.O.B. destination, and delivery cost and charges included in the bid price. Failure to do so may be cause for rejection of bid.

### **3.13 TAX EXEMPT STATUS**

The City is exempt from Florida Sales and Federal Excise taxes on direct purchase of tangible property.

### **3.14 CONTRACT TIME**

By virtue of the submission of the Proposal, Proposer agrees and fully understands that



the completion time of the work of the Contract is an essential and material condition of the Contract and that time is of the essence. The Successful Proposer agrees that all work shall be prosecuted regularly, diligently and uninterrupted at such rate of progress as will ensure full completion thereof within the time specified. Failure to complete the work within the time period specified shall be considered a default.

In addition, time will be of the essence for any orders placed as a result of this bid. Purchaser reserves the right to cancel such orders, or part thereof, without obligation if delivery is not made at the time(s) or place(s) specified.

### **3.15 COPYRIGHT OR PATENT RIGHTS**

Bidder warrants that there have been no violations of copyrights or patent rights in manufacturing, producing, or selling other goods shipped or ordered as a result of this bid, and seller agrees to hold the purchaser harmless from any and all liability, loss or expense occasioned by such violation.

### **3.16 PUBLIC ENTITY CRIMES**

"A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list."

The Public Entity Crime Affidavit Form, attached to this solicitation, includes

documentation that shall be executed by an individual authorized to bind the Proposer. The Proposer further understands and accepts that any contract issued as a result of this solicitation shall be either voidable or subject to immediate termination by the City. In the event there is any misrepresentation or lack of compliance with the mandates of Section 287.133 or Section 287.134, respectively, Florida Statutes. The City in the event in such termination, shall not incur any liability to the Bidder for any goods, services or materials furnished.

### **3.17 CONFLICT OF INTEREST**

The award of any contract hereunder is subject to the provisions of Chapter 112, Florida Statutes. Proposers must disclose with their Proposal the name of any officer, director, partner, proprietor, associate or agent who is also an officer or employee of CITY or any of its agencies. Further, all Proposers must disclose the name of any officer or employee of CITY who owns, directly or indirectly, an interest of five percent (5%) or more in the Proposer's firm or any of its branches or affiliate companies.

### **3.18 FACILITIES**

The City reserves the right to inspect the Bidder's facilities at any time with prior notice.

### **3.19 ENVIRONMENTAL REGULATIONS**

CITY reserves the right to consider Proposer's history of citations and/or violations of environmental regulations in determining a Proposer's responsibility, and further reserves the right to declare a Proposer not responsible if the history of violations warrant such determination. Proposer shall submit with the Proposal, a complete history of all citations and/or violations, notices and dispositions thereof. The non-submission of any such documentation shall be deemed to be an affirmation by the Proposer that there are no citations or violations. Proposer shall notify



CITY immediately of notice of any citation or violation that Proposer may receive after the Proposal opening date and during the time of performance of any contract awarded to Proposers.

### **3.20 SIGNATURE REQUIRED**

All proposals must be signed with the firm name and by an officer or employee having authority to bind the company or firm by his signature. FAILURE TO PROPERLY SIGN PROPOSAL SHALL INVALIDATE SAME, AND IT MAY NOT BE CONSIDERED FOR AWARD.

The individual executing this Bid on behalf of the Company warrant to the City that the Company is authorized to do business in the State of Florida, is in good standing and that Company possesses all of the required licenses and certificates of competency required by the State of Florida and Broward County to provide the goods or perform the services herein described.

The signed bid shall be considered an offer on the part of the bidder or contractor, which offer shall be deemed accepted upon approval by the City Commission of the City of Pembroke Pines and in case of default on the part of the bidder or contractor after such acceptance, the City of Pembroke Pines may take such action as it deems appropriate including legal action for damages or specific performance.

### **3.21 MANUFACTURER'S CERTIFICATION**

The City of Pembroke Pines reserves the right to request from bidder separate manufacturer certification of all statements made in the proposal.

### **3.22 MODIFICATION OR WITHDRAWAL OF PROPOSAL**

The City recommends for proposers to submit their proposals as soon as they are ready to do so. Please allow ample time to submit your proposals on the BidSync

website. Proposals may be modified or withdrawn prior to the deadline for submitting Proposals.

### **3.23 PUBLIC BID; BID OPENING AND GENERAL EXEMPTIONS**

All submittals received by the deadline will be recorded, and will subsequently be publicly opened on the same business day at 2:30 p.m. at the office of the City Clerk, 4th Floor, 601 City Center Way, Pembroke Pines, Florida, 33025.

All Proposals received from Proposers in response to the solicitation will become the property of CITY and will not be returned to the Proposers. In the event of Contract award, all documentation produced as part of the Contract shall become the exclusive property of CITY. Proposers are requested to identify specifically any information contained in their Proposals which they consider confidential and/or proprietary and which they believe to be exempt from disclosure, citing specifically the applicable exempting law.

Pursuant to Section 119.071 of the Florida Statutes, sealed bids, proposals, or replies received by a Florida public agency shall remain exempt from disclosure until an intended decision is announced or until 30 days from the opening, whichever is earlier.

Therefore, bidders will not be able to procure a copy of their competitor's bids until an intended decision is reached or 30 days has elapsed since the time of the bid opening.

However, pursuant to Section 255.0518 of the Florida Statutes, when opening sealed bids that are received pursuant to a competitive solicitation for **construction or repairs on a public building or public work**, the entity shall:

- (a) Open the sealed bids at a public meeting.



(b) Announce at that meeting the name of each bidder and the price submitted in the bid.

(c) Make available upon request the name of each bidder and the price submitted in the bid.

For solicitations that are **not** for **“construction or repairs on a public building or public work”** the City shall not reveal the prices submitted in the bids until an intended decision is announced or until 30 days from the opening, whichever is earlier.

### **3.24 RESERVATIONS FOR REJECTION AND AWARD**

The City of Pembroke Pines reserves the right to accept or reject any and all bids or parts of bids, to waive irregularities and technicalities, and to request rebids. The City also reserves the right to award a contract on such items(s) or service(s) the City deems will best serve its interests. All bids shall be awarded to the most responsive/responsible bidder, provided the (City) may for good cause reject any bid or part thereof. It further reserves the right to award a contract on a split order basis, or such combinations as shall best serve the interests of the City unless otherwise specified. No premiums, rebates or gratuities permitted, either with, prior to, or after award. This practice shall result in the cancellation of said award and/or return of items (as applicable) and the recommended removal of bidder from bid list(s).

### **3.25 BID PROTEST**

Any protests or challenges to this competitive procurement shall be governed by Section 35.38 of the City's Code of Ordinances.

### **3.26 INDEMNIFICATION**

The Successful Proposer shall pay all claims, losses, liens, settlements or judgments of any nature whatsoever in connection with the subsequent indemnifications including, but not limited to,

reasonable attorney's fees (including appellate attorney's fees) and costs.

CITY reserves the right to select its own legal counsel to conduct any defense in any such proceeding and all costs and fees associated therewith shall be the responsibility of Successful Proposer under the indemnification agreement. Nothing contained herein is intended nor shall it be construed to waive City's rights and immunities under the common law or Florida Statute 768.28 as amended from time to time.

Additional indemnification requirements may be included under Special Terms and Conditions and/or as part of a specimen contract included in the solicitation package.

**General Indemnification:** To the fullest extent permitted by laws and regulations, Successful Proposer shall indemnify, defend, save and hold harmless the CITY, its officers, agents and employees, harmless from any and all claims, damages, losses, liabilities and expenses, direct, indirect or consequential arising out of or in consequential arising out of or alleged to have arisen out of or in consequence of the products, goods or services furnished by or operations of the Successful Proposer or his subcontractors, agents, officers, employees or independent contractors pursuant to or in the performance of the Contract.

#### **Patent and Copyright Indemnification:**

Successful Proposer agrees to indemnify, defend, save and hold harmless the CITY, its officers, agents and employees, from all claims, damages, losses, liabilities and expenses arising out of any alleged infringement of copyrights, patent rights and/or the unauthorized or unlicensed use of any invention, process, material, property or other work manufactured or used in connection with the performance of the Contract, including its use by CITY.

### **3.27 DEFAULT PROVISION**



In the case of default by the bidder or contractor, the City of Pembroke Pines may procure the articles or services from any other sources and hold the bidder or contractor responsible for any excess costs occasioned or incurred thereby.

The City shall be the sole judge of nonperformance, which shall include any failure on the part of the successful Bidder to accept the Award, to furnish required documents, and/or to fulfill any portion of the contract within the time stipulated. Upon default by the successful Bidder to meet any terms of this agreement, the City will notify the Bidder five (5) days (weekends and holidays excluded) to remedy the default. Failure on the Contractor's part to correct the default within the required five (5) days shall result in the contract being terminated and upon the City notifying in writing the Contractor of its intentions and the effective date of the termination. The following shall constitute default:

A. Failure to perform the Work required under the contract and/or within the time required or failing to use the subcontractor, entities and personnel as identified and set forth, and to the degree specified in the contract.

B. Failure to begin the Work under this Bid within the time specified.

C. Failure to perform the Work with sufficient Workers and equipment or with sufficient materials to ensure timely completion.

D. Neglecting or refusing to remove materials or perform new Work where prior Work has been rejected as non-conforming with the terms of the contract.

E. Becoming insolvent, being declared bankrupt, or committing act of bankruptcy or insolvency, or making an assignment renders the successful Bidder incapable of performing the Work in accordance with and as required by the contract.

F. Failure to comply with any of the terms of the contract in any material respect.

In the event of default of a contract, the successful Bidder shall pay all attorney's fees and court costs incurred in collecting any damages. The successful Bidder shall pay the City for any and all costs incurred in ensuing the completion of the project.

Additional provisions may be included in the specimen contract.

### **3.28 ACCEPTANCE OF MATERIAL**

The material delivered under this proposal shall remain the property of the seller until a physical inspection and actual usage of this material and/or services is made and thereafter accepted to the satisfaction of the City and must comply with the terms herein, and be fully in accord with specifications and of the highest quality. In the event the material and/or services supplied to the City are found to be defective or do not conform to specifications, the City reserves the right to cancel the order upon written notice to the seller and return product to seller at the sellers expense.

### **3.29 LOCAL GOVERNMENT PROMPT PAYMENT ACT**

The City complies with Florida Statute 218.70, Local Government Prompt Payment Act.

### **3.30 SCRUTINIZED COMPANIES LIST**

In accordance with Florida Statute 287.135, as amended, a company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with an agency or local governmental entity for goods or services if:

(a) Any amount of, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to s. 215.4725, or is engaged in a boycott of Israel; or





(b) One million dollars or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company:

1. Is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to s. 215.473; or

2. Is engaged in business operations in Syria.

By submitting a bid, proposal or response, the company, principals or owners certify that they are not listed on the Scrutinized Companies that boycott Israel List, Scrutinized Companies with activities in Sudan List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or is engaged in business operations in Syria.

### **3.31 PUBLIC RECORDS; TRADE SECRET, PROPRIETARY AND CONFIDENTIAL SUBMITTALS**

The Proposer's response to this solicitation is a public record pursuant to Florida law, which is subject to disclosure by the City under the State of Florida Public Records Law, Florida Statutes Chapter 119.07 ("Public Records Law"). The City shall permit public access to all documents, papers, letters or other material submitted in connection with this solicitation and the Contract to be executed for this solicitation, subject to the provisions of Chapter 119.07 of the Florida Statutes.

Any language contained in the Proposer's response to the solicitation purporting to require confidentiality of any portion of the Proposer's response to the solicitation, except to the extent that certain information is in the City's opinion a Trade Secret pursuant to Florida law, shall be void. If a Proposer submits any documents or other

information to the City which the Proposer claims is Trade Secret information and exempt from Florida Statutes Chapter 119.07 ("Public Records Laws"), the Proposer shall clearly designate that it is a Trade Secret and that it is asserting that the document or information is exempt. The Proposer must specifically identify the exemption being claimed under Florida Statutes 119.07. The City shall be the final arbiter of whether any information contained in the Proposer's response to the solicitation constitutes a Trade Secret.

Any claim of confidentiality on financial statements must be asserted at the time of submittal. The firm must identify the specific statute that authorizes the exemption from the Public Records Law. Please note that the financial statement exemption provided for in Section 119.071(1)c, Florida Statutes only applies to submittals in response to a solicitation for a "public works" project.

EXCEPT FOR CLEARLY MARKED PORTIONS THAT ARE BONA FIDE TRADE SECRETS PURSUANT TO FLORIDA LAW, DO NOT MARK YOUR RESPONSE TO THE SOLICITATION AS PROPRIETARY OR CONFIDENTIAL. DO NOT MARK YOUR RESPONSE TO THE SOLICITATION OR ANY PART THEREOF AS COPYRIGHTED. ALL DOCUMENTS THAT THE FIRM PURPORTS TO BE CONFIDENTIAL, PROPRIETARY OR A TRADE SECRET SHALL BE UPLOADED TO THE BIDS SYNC WEBSITE AS A SEPARATE ATTACHMENT CLEARLY IDENTIFYING THE EXEMPTION BEING CLAIMED UNDER FLORIDA STATUTES 119.07.

The city's determination of whether an exemption applies shall be final, and the proposer agrees to defend, indemnify, and hold harmless the city and the city's officers, employees, and agent, against any loss or damages incurred by any person or entity as a result of the city's treatment of records as public records.



### 3.32 PURCHASING AGREEMENTS WITH OTHER GOVERNMENT AGENCIES

It is hereby made part of this solicitation that the submission of any bid response to this advertised request constitutes a bid made under the same or similar terms and conditions, for the same price, or better price, to other government agencies if agreeable by the bidder and the government agency.

At the option of the vendor/contractor, the use of the contract resulting from this solicitation may be extended to other governmental agencies, including the State of Florida, its agencies, political subdivisions, counties, and cities.

Each governmental agency allowed by the vendor/contractor to use this contract shall do so independently of any other governmental entity. Each agency shall be responsible for its own purchases and shall be liable only for goods or services ordered, received, and accepted. No agency receives any liability by virtue of this bid and subsequent contract award.

### 3.33 CONE OF SILENCE

**Prohibited Communication:** In accordance with the Cone of Silence Ordinance, Section 35.40 of the City's Code of Ordinances, during the course of a sealed competitive solicitation, a cone of silence shall be in effect between:

(1) Any person or entity that seeks a contract, contract amendment, award, recommendation, or approval related to a sealed competitive solicitation or that is subject to being evaluated or having its response evaluated in connection with a sealed competitive solicitation, including a person or entity's representative; and

(2) The City Manager or any person or group of persons appointed or designated by the City Commission or the City Manager to evaluate, select, or make a recommendation to the City Commission or the City Manager

regarding a sealed competitive solicitation, including any member of the selection/evaluation committee.

**Effective Dates:** A cone of silence shall be in effect during a sealed competitive solicitation process beginning upon the advertisement for the sealed competitive solicitation or during such other procurement activities as declared by the City Commission, and shall terminate at the time the City Commission takes final action or gives final approval of a contract, rejects all bids or responses to the sealed competitive solicitation, or takes other action which ends the sealed competitive solicitation process.

**Permitted communication:** The cone of silence shall not apply to:

(1) Written or oral communications with legal counsel for the city, the Procurement Department staff for the city, and the person or persons designated in the sealed competitive solicitation as the contact person for clarification or information related to the sealed competitive solicitation.

(2) Public presentations, asking questions, or providing feedback at pre-bid meetings, site visits or conferences or at a selection, evaluation or negotiation meeting related to the sealed competitive solicitation.

(3) Contract negotiations with the selected entity.

**Violations:** Any action in violation of this section shall be cause for disqualification of the bid or the proposal.

### 3.34 E-VERIFY

Contractor certifies that it is aware of and complies with the requirements of Section 448.095, Florida Statutes, as may be amended from time to time and briefly described herein below.

1) Definitions for this Section:

a) "Contractor" means a person or entity that has entered or is attempting to



enter into a contract with a public employer to provide labor, supplies, or services to such employer in exchange for salary, wages, or other remuneration. "Contractor" includes, but is not limited to, a vendor or consultant.

- b) "Subcontractor" means a person or entity that provides labor, supplies, or services to or for a contractor or another subcontractor in exchange for salary, wages, or other remuneration.
- c) "E-Verify system" means an Internet-based system operated by the United States Department of Homeland Security that allows participating employers to electronically verify the employment eligibility of newly hired employees.

## 2) Registration Requirement; Termination:

Pursuant to Section 448.095, Florida Statutes, effective January 1, 2021, Contractors, shall register with and use the E-verify system in order to verify the work authorization status of all newly hired employees. Contractor shall register for and utilize the U.S. Department of Homeland Security's E-Verify System to verify the employment eligibility of:

- a) All persons employed by a Contractor to perform employment duties within Florida during the term of the contract; and
- b) All persons (including subvendors / subconsultants / subcontractors) assigned by Contractor to perform work pursuant to the contract with the City of Pembroke Pines. The Contractor acknowledges and agrees that registration and use of the U.S. Department of Homeland Security's

E-Verify System during the term of the contract is a condition of the contract with the City of Pembroke Pines; and

- c) The Contractor shall comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility," as amended from time to time. This includes, but is not limited to registration and utilization of the E-Verify System to verify the work authorization status of all newly hired employees. Contractor shall also require all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. The Contractor shall maintain a copy of such affidavit for the duration of the contract. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit Court no later than twenty (20) calendar days after the date of termination. Termination of this Contract under this Section is not a breach of contract and may not be considered as such. If this contract is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public contract for a period of one (1) year after the date of termination.





## **SECTION 4 - SPECIAL TERMS & CONDITIONS**

### **4.1 PROPOSAL SECURITY**

**Proposal Security Requirements:** Each Proposal must be accompanied by a certified or cashier's check or by a Bid Bond made payable to the City of Pembroke Pines on an approved form, duly executed by the Proposer as principal and having as surety thereon a surety company acceptable to CITY and authorized to write such Bond under the laws of the State of Florida, in an amount not less than five percent (5%) of the amount of the base Proposal price.

Proposers must submit a scanned copy of their bid security (bid bond form or cashier's check) with their bid submittal through BidSync. Proposers must also submit their original bid security (bid bond form or cashier's check) at time of the bid due date, or they may be deemed as non-responsive. The original Bid Bond or Cashier's Check should be in a sealed envelope, plainly marked "**BID SECURITY - IFB # RE-21-04 West Pines Soccer Park Renovation of Fields 5 & 6**" and sent to the:

City of Pembroke Pines,  
City Clerk's Office, 4th Floor,  
601 City Center Way,  
Pembroke Pines, Florida, 33025.

**Successful Proposer:** The Proposal Security of the Successful Proposer will be retained until such Proposer has executed the Contract and furnished the required insurance, payment and performance bonds, whereupon the Proposal Security will be returned. If the Successful Proposer fails to execute and deliver the Contract and furnish the required insurance and bonds within fifteen (15) calendar days of the Notice of Award, CITY may annul the Notice of Award and the entire sum of the Proposal Security shall be forfeited.

**Three Lowest Proposers:** The Proposal Security of the three (3) lowest Proposers will be returned within seven (7) calendar days after CITY and the Successful Proposer have executed the written Contract or if no such written Contract is executed within ninety (90) calendar days after the date of the Proposal opening, upon the demand of any Proposer at any time thereafter, provided that he has not been notified of the acceptance of his Proposal.

**All Other Proposers:** Proposal Security of all other Proposer will be returned within seven (7) calendar days after the proposal opening. The agent or attorney in fact or other officer who signs a Bid Bond for a surety company must file with such bond a certified copy of his power of attorney authorizing him to do so.

### **4.2 PAYMENT AND PERFORMANCE BONDS**

Within fifteen (15) calendar days after Notice of Award and in any event prior to commencing work, the Contractor shall execute and furnish to City a performance bond and a payment bond, each written by a corporate surety, having a resident agent in the State of Florida and having been in business with a record of successful continuous operation for at least five (5) years. The surety shall hold a current certificate of authority from the Secretary of Treasury of the United States as an acceptable surety on federal bonds in accordance with United States Department of Treasury Circular No. 570. If the amount of the Bond exceeds the underwriting limitation set forth in the circular, in order to qualify, the net retention of the surety company shall not exceed the underwriting limitation in the circular and the excess risks must be protected by coinsurance, reinsurance, or other methods, in accordance with Treasury Circular 297, revised September 1, 1978 (31DFR, Section 223.10, Section 223.11). Further, the surety company shall provide City with evidence



satisfactory to City, that such excess risk has been protected in an acceptable manner. The surety company shall have at least the following minimum qualification in accordance with the latest edition of A.M. Best's Insurance Guide, published by Alfred M. Best Company, Inc., Ambest Road, Oldwick, New Jersey 08858:

B+ to A+

Two (2) separate bonds are required and both must be approved by the City. **The penal sum stated in each bond shall be 100% of the contract price.** The performance bond shall be conditioned that the Contractor performs the contract in the time and manner prescribed in the contract. The payment bond shall be conditioned that the Contractor promptly make payments to all persons who supply the Contractor with labor, materials and supplies used directly or indirectly by the Contractor in the prosecution of the work provided for in the Contract and shall provide that the surety shall pay the same in the amount not exceeding the sum provided in such bonds, together with interest at the maximum rate allowed by law; and that they shall indemnify and save harmless the City to the extent of any and all payments in connection with the carrying out of said Contract which the City may be required to make under the law.

Pursuant to the requirements of Section 255.05(1)(a), Florida Statutes, it shall be the duty of the Contractor to record the aforesaid payment and performance bonds in the public records of Broward County, with the Contractor to pay all recording costs.

#### 4.3 OWNER'S CONTINGENCY

While the specifications contained in this solicitation and any ensuing Purchase Orders or contracts have incorporated all anticipated work to be accomplished, there may be unanticipated work required of the vendor in conjunction with a specific project. For this reason, the City

Commission may award a project with an "Owner's Contingency". This contingency or allowance authorizes the City execute change orders up to the amount of the contingency without the need to obtain additional Commission approval. The Owner's Contingency is usually based on a specified percent of the proposed project amount and is established for the specific project being performed under the contract. This dollar amount shall be shown on the specific project purchase order as a distinct item from the vendor's overall offer to determine the total potential dollar value of the contract. It is hereby understood and agreed that the vendor shall not expend any dollars in connection with the Owner's Contingency without the expressed prior approval of the City's authorized representative. Any Owner's Contingency funds that have not been utilized at the end of the project will remain with the Owner, the contractor shall only be paid for the proposed project cost as approved by the City Commission along with any Owner Contingency expenses that were approved by the City's authorized representative.

#### 4.4 RELEASE OF LIEN

Contractor must provide an executed Partial/Final Release of Lien utilizing the City's standard Release of Lien Form in order for the City to release any payments to the Contractor.

#### 4.5 SOLID WASTE CONSTRUCTION AND DEMOLITION DEBRIS COLLECTION AND DISPOSAL REQUIREMENTS

The City of Pembroke Pines has an exclusive solid waste franchise agreement with Waste Pro of Florida, Inc. for the collection and disposal of all solid waste including construction and demolition (C & D) debris. All applicants for bids to perform construction work for the City of Pembroke Pines shall be subject to the requirements found in the City's exclusive solid waste franchise

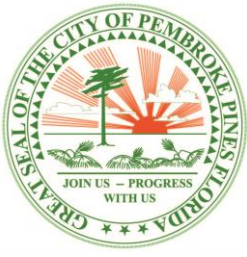


agreement and must contract Waste Pro of Florida, Inc. for the collection and disposal of all construction and demolition debris generated at such construction job sites.

For the current applicable rates and fees for Waste Pro of Florida, Inc. dumpsters, roll-off containers, and other related solid waste service equipment needs, please contact David Perez, Waste Pro's Pembroke Pines Sales Representative at (954) 967-4200 or [dperez@wasteprousa.com](mailto:dperez@wasteprousa.com).

For further information related to the solid waste franchise requirements, please contact Rose Colombo, Solid Waste Franchise Agreement Contract Manager, at (954) 518-9011 or [rcolombo@ppines.com](mailto:rcolombo@ppines.com).

For solid waste franchise enforcement questions, please contact the City of Pembroke Pines Code Compliance Unit at (954) 431-4466.



**PEMBROKE PINES  
CITY COMMISSION**

**Frank C. Ortis**  
MAYOR  
954-450-1020  
fortis@ppines.com

**Thomas Good, Jr.**  
VICE MAYOR  
DISTRICT 1  
954-450-1030  
tgood@ppines.com

**Angelo Castillo**  
COMMISSIONER  
DISTRICT 4  
954-450-1030  
acastillo@ppines.com

**Iris A. Siple**  
COMMISSIONER  
DISTRICT 3  
954-450-1030  
isiple@ppines.com

**Jay D. Schwartz**  
COMMISSIONER  
DISTRICT 2  
954-450-1030  
jschwartz@ppines.com

**Charles F. Dodge**  
CITY MANAGER  
954-450-1040  
cdodge@ppines.com

**July 15, 2021**

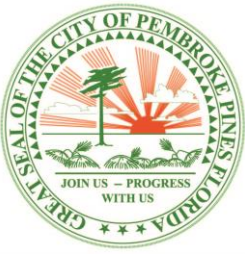
**Addendum #1  
City of Pembroke Pines  
RE-21-04 West Pines Soccer Park Renovation of Fields 5 & 6**

**ADDITIONAL INFORMATION**

Below is an updated schedule of events extending the bid due date and allowing for additional questions to be submitted by proposers. Addendum #2 will be issued on Monday July 19, 2021 with updates to the scope of work and attachments to the bid.

**1.7 (UPDATED) TENTATIVE SCHEDULE OF EVENTS**

<b>Event</b>	<b>Time &amp;/or Date</b>
Issuance of Solicitation (Posting Date)	<b>June 22, 2021</b>
Mandatory Pre-Bid Meeting	<b>9:00 a.m. on July 8, 2021</b>
Question Due Date	<b>July 13, 2021 July 20, 2021</b>
Anticipated Date of Issuance for the Addenda with Questions and Answers	<b>July 19, 2021 July 26, 2021</b>
Proposals will be accepted until	<b>2:00 p.m. on July 27, 2021 August 10, 2021</b>
Proposals will be opened at	<b>2:30 p.m. on July 27, 2021 August 10, 2021</b>
Evaluation of Proposals by Staff	<b>August 2, 2021 August 5, 2021 August 16, 2021 – August 19, 2021</b>
Recommendation of Contractor to City Commission for award of contract	<b>August 18, 2021 September 13, 2021</b>
Issuance of Notice to Proceed	<b>November 1, 2021</b>
Project Commencement	<b>No later than 10 days after NTP</b>
Project Completion	<b>150 days after NTP</b>



**PEMBROKE PINES  
CITY COMMISSION**

**Frank C. Ortis**  
MAYOR  
954-450-1020  
fortis@ppines.com

**Thomas Good, Jr.**  
VICE MAYOR  
DISTRICT 1  
954-450-1030  
tgood@ppines.com

**Angelo Castillo**  
COMMISSIONER  
DISTRICT 4  
954-450-1030  
acastillo@ppines.com

**Iris A. Siple**  
COMMISSIONER  
DISTRICT 3  
954-450-1030  
isiple@ppines.com

**Jay D. Schwartz**  
COMMISSIONER  
DISTRICT 2  
954-450-1030  
jschwartz@ppines.com

**Charles F. Dodge**  
CITY MANAGER  
954-450-1040  
cdodge@ppines.com

**July 20, 2021**

**Addendum #2  
City of Pembroke Pines  
RE-21-04 West Pines Soccer Park Renovation of Fields 5 & 6**

**ATTACHMENTS**

The following Attachments to the bid have been revised or are new and are included as part of this Addendum:

1. REVISED Attachment H: Plans for the Renovation of Fields 5 & 6.  
Note: The revisions to Attachment H includes changes per comments received from South Broward Drainage District review of the plans.
2. (NEW) Attachment K: Earthwork Technical Specifications
3. (NEW) Attachment L: Template Schedule of Values

**ADDITIONAL INFORMATION**

Section 1.3 Scope of Work: This section has been amended as follows:

1. Contractor shall renovate the existing soccer fields 5 & 6 per the attached engineered drawings and specifications. Details on the scope of work are included in REVISED Attachment H, and Attachment I, and Attachment K.
2. Contractor is responsible for verifying all field measurements and conditions.
3. All work must be constructed as per all governing code requirements.

Section 1.5 Proposal Requirements: The following information has been added as a requirement to Section 1.5 of the IFB.

**1.5.6 Schedule of Values:**

Proposer shall be required submit the total Bid Price on the BidSync website. In addition, Proposer must fill out Attachment L: Template Schedule of Values and upload the document as part of the submittal package. Please note the Schedule of Values includes a pricing request for three bid alternates. Please refer to Attachment L for additional details.



City of Pembroke Pines

Attachment A

**CONTACT INFORMATION FORM**

IN ACCORDANCE WITH “RE-21-04” titled “West Pines Soccer Park Renovation of Fields 5 & 6” attached hereto as a part hereof, the undersigned submits the following:

**A) Contact Information**

The Contact information form shall be electronically signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such deputy or subordinate must accompany the proposal. This form must be completed and submitted through [www.bidsync.com](http://www.bidsync.com) as part of the bidder's submittal. The vendor must provide their pricing through the designated lines items listed on the BidSync website.

**COMPANY INFORMATION:**COMPANY: STREET ADDRESS: CITY, STATE & ZIP CODE: **PRIMARY CONTACT FOR THE PROJECT:**NAME:  TITLE: E-MAIL: TELEPHONE:  FAX: **AUTHORIZED APPROVER:**NAME:  TITLE: E-MAIL: TELEPHONE:  FAX: SIGNATURE:

**B) Proposal Checklist**

Did you make sure to submit the following items, as stated in section 1.5 “Proposal Requirements” of the bid package?

Attachment A - Contact Information Form	Yes <input type="checkbox"/>
Attachment B - Non-Collusive Affidavit	Yes <input type="checkbox"/>
Attachment C - Proposer’s Completed Qualification Statement	Yes <input type="checkbox"/>
Attachment F - References Form	Yes <input type="checkbox"/>
Proposal Security (Bid Bond or Cashier’s Check)	Yes <input type="checkbox"/>

Did you make sure to update the following documents found under the “Vendor Registration” group of “Qualifications” on the BidSync website for the City of Pembroke Pines?

Vendor Information Form	Yes <input type="checkbox"/>
Form W-9 (Rev. October 2018)	Yes <input type="checkbox"/>
Sworn Statement on Public Entity Crimes Form	Yes <input type="checkbox"/>
Local Vendor Preference Certification	Yes <input type="checkbox"/>
Local Business Tax Receipts	Yes <input type="checkbox"/>
Veteran Owned Small Business Preference Certification	Yes <input type="checkbox"/>
Equal Benefits Certification Form	Yes <input type="checkbox"/>
Vendor Drug-Free Workplace Certification Form	Yes <input type="checkbox"/>
Scrutinized Company Certification	Yes <input type="checkbox"/>
E-Verify System Certification Statement	Yes <input type="checkbox"/>

**C) Sample Proposal Form**

*The following sample price proposal is for information only. The vendor must provide their pricing through the designated lines items listed on the BidSync website.*

Item #	Item Description	Total Cost
1)	Total cost to complete the renovation of fields 5 & 6 at the West Pines Soccer Park as specified in the IFB, including the cost to provide a payment and performance bond.	<b>Price to be Submitted Via BidSync</b>





City of Pembroke Pines

## Attachment B

**NON-COLLUSIVE AFFIDAVIT**

BIDDER is the ,  
(Owner, Partner, Officer, Representative or Agent)

BIDDER is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;

Such Bid is genuine and is not a collusive or sham Bid;

Neither the said BIDDER nor any of its officers, partners, owners, agents, representative, employees or parties in interest, including this affidavit, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other BIDDER, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached Bid has been submitted; or to refrain from bidding in connection with such Contract; or have in any manner, directly or indirectly, sought by agreement or collusion, or communications, or conference with any BIDDER, firm, or person to fix the price or prices in the attached Bid or any other BIDDER, or to fix any overhead, profit, or cost element of the Bid Price or the Bid Price of any other BIDDER, or to secure through any collusion conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Contract;

The price of items quoted in the attached Bid are fair and proper and are not tainted by collusion, conspiracy, connivance, or unlawful agreement on the part of the BIDDER or any other of its agents, representatives, owners, employees or parties in interest, including this affidavit.

Printed Name/Signature

Title

Name of Company



**PROPOSER'S BACKGROUND INFORMATION**

Please provide the following information. Additional sheets may be attached as required.

1) Under what former name has your business operated? Include a description of the business.

2) At what address was that business located?

3) Have you ever failed to complete work awarded to you. If so, when, where and why?

4) Have you personally inspected the proposed WORK and do you have a complete plan for its performance?

5) Will you subcontract any part of this WORK? If so, give details including a list of each sub-contractor(s) that will perform work in excess of ten percent (10%) of the contract amount and the work that will be performed by each subcontractor(s).

The foregoing list of subcontractor(s) may not be amended after award of the contract without the prior written approval of the Contract Administrator, whose approval shall not be reasonably withheld.

- 6) List and describe all bankruptcy petitions (voluntary or involuntary) which have been filed by or against the Proposer, its parent or subsidiaries or predecessor organizations during the past five (5) years. Include in the description the disposition of each such petition.

- 7) List and describe all successful Bond claims made to your surety (ies) during the last five (5) years. The list and descriptions should include claims against the bond of the Proposer and its predecessor organization(s).

- 8) List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Proposer or its predecessor organizations(s) during the last (10) years. The list shall include all case names; case, arbitration or hearing identification numbers; the name of the project over which the dispute arose; and a description of the subject matter of the dispute.

- 9) List and describe all criminal proceedings or hearings concerning business related offenses in which the Proposer, its principals or officers or predecessor organization(s) were defendants.

- 10) Are you an cb Original provider cb sales representative cb distributor, cb broker, cb manufacturer, cb other, of the commodities/services proposed upon? If other than the original provider, explain below.

11) Have you ever been debarred or suspended from doing business with any governmental agency? If yes, please explain:

12) Describe the firm's local experience/nature of service with contracts of similar size and complexity, it the previous three (3) years:

The PROPOSER acknowledges and understands that the information contained in response to this Qualification Statement shall be relied upon by CITY in awarding the contract and such information is warranted by PROPOSER to be true. The discovery of any omission or misstatement that materially affects the PROPOSER's qualifications to perform under the contract may cause the CITY to reject the Bid, and if after the award, to cancel and terminate the award and/or contract.

(Company Name)

(Printed Name/Signature)

**ACORD CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD[YY])

PRODUCER

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

**INSURERS AFFORDING COVERAGE**

INSURED

**YOUR COMPANY NAME HERE**

INSURER A:

INSURER B:

INSURER C:

INSURER D:

INSURER E:

**Companies providing coverage****COVERAGES**

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DDYY)	POLICY EXPIRATION DATE (MM/DDYY)	LIMITS								
	<b>GENERAL LIABILITY</b> <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input checked="" type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> policy <input type="checkbox"/> project <input type="checkbox"/> loc	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <b>Must Include General Liability</b> </div>			EACH OCCURRENCE \$ FIRE DAMAGE (Any one fire) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$								
	<b>AUTOMOBILE LIABILITY</b> <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				<div style="border: 1px solid black; padding: 10px; text-align: center;"> <b>SAMPLE CERTIFICATE</b> </div>								
	<b>GARAGE LIABILITY</b> <input type="checkbox"/> ANY AUTO			AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$									
	<b>EXCESS LIABILITY</b> OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/>  <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$								
	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b>				<table border="1"> <tr> <td>WC STATU-TORY LIMITS</td> <td>OTH-ER</td> </tr> <tr> <td>E.L. EACH ACCIDENT</td> <td>\$</td> </tr> <tr> <td>E.L. DISEASE - EA EMPLOYEE</td> <td>\$</td> </tr> <tr> <td>E.L. DISEASE - POLICY LIMIT</td> <td>\$</td> </tr> </table>	WC STATU-TORY LIMITS	OTH-ER	E.L. EACH ACCIDENT	\$	E.L. DISEASE - EA EMPLOYEE	\$	E.L. DISEASE - POLICY LIMIT	\$
WC STATU-TORY LIMITS	OTH-ER												
E.L. EACH ACCIDENT	\$												
E.L. DISEASE - EA EMPLOYEE	\$												
E.L. DISEASE - POLICY LIMIT	\$												
	OTHER												

**Certificate must contain wording similar to what appears below**

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCL

**"THE CERTIFICATE HOLDER IS NAMED AS ADDITIONALLY INSURED WITH REGARD TO GENERAL LIABILITY"**

CERTIFICATE HOLDER

ADDITIONAL INSURED; INSURER LETTER:

CANCELLATION

**City of Pembroke Pines**  
**601 City Center Way**  
**Pembroke Pines FL 33025**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION

MAIL 30 DAYS WRITTEN  
 LEFT.

**City Must Be Named as Certificate Holder**

AUTHORIZED REPRESENTATIVE



## **CONSTRUCTION AGREEMENT**

**THIS IS AN AGREEMENT ("Agreement")**, dated the \_\_\_\_\_ day of \_\_\_\_\_, 2020, by and between:

**CITY OF PEMBROKE PINES**, a municipal corporation of the State of Florida with a business address of **601 City Center Way, Pembroke Pines, Florida 33025** hereinafter referred to as "CITY",

and

«Vendor\_Name\_Upper\_Case», a «Vendor\_Business\_Type» as listed with the Florida Division of Corporations, authorized to do business in the State of Florida, and with a business address of «Vendor\_Address\_Line\_1», «Vendor\_Address\_Line\_2» (hereinafter referred to as the "CONTRACTOR"). CITY and CONTRACTOR may hereinafter be referred to collectively as the "Parties."

### **WITNESSETH:**

In consideration of the mutual terms and conditions, promises, covenants and payments hereinafter set forth, CITY and CONTRACTOR agree as follows:

### **ARTICLE 1** **PREAMBLE**

In order to establish the background, context and form of reference for this Agreement, and to generally express the objectives and intentions of the respective Parties herein, the following statements, representations, and explanations shall be accepted as predicates for the undertakings and commitments included within the provisions which follow, and may be relied upon by the Parties as essential elements of the mutual considerations upon which this Agreement is based.

1.1 On «Solicitation\_Advertisement\_Date», the CITY advertised its notice to bidders of the CITY's desire to hire a firm to «Service\_Description» as more particularly described in **Exhibit "A"** attached hereto and by this reference made a part hereof, for the said bid entitled:

«Solicitation\_Type\_Abbreviation» # «Solicitation\_Number»  
"«Solicitation\_Title»"

1.2 On «Bid\_Opening\_Date», the bids were opened at the offices of the City Clerk.

1.3 On «Commission\_Award\_Date», the CITY awarded the bid to CONTRACTOR and authorized the proper CITY officials to negotiate and enter into an agreement with CONTRACTOR to render the services more particularly described herein below.



1.4 Negotiations pertaining to the services to be performed by the CONTRACTOR were undertaken and this Agreement incorporates the results of such negotiation.

## **ARTICLE 2**

### **SERVICES AND RESPONSIBILITIES**

2.1 CONTRACTOR hereby agrees to perform the services for the «**Service\_Description**», ("Property") as more particularly described in, and in accordance with the Scope of Services outlined in the specifications, "«**Solicitation\_Type\_Abbreviation**» # «**Solicitation\_Number**»", attached hereto and made a part hereof as **Exhibit "A"** and CONTRACTOR's response thereto, attached hereto and made a part hereof as **Exhibit "B"**. CONTRACTOR agrees to perform all services required pursuant to this Agreement, the Sealed Bid Package, Addenda to this Agreement, and Commission award complete with proposal form.

2.2 CONTRACTOR shall furnish all services, labor, equipment, and materials necessary and as may be required in the performance of this Agreement, except as otherwise specifically provided for herein, and all work performed under this Agreement shall be done in a professional manner.

2.3 CONTRACTOR shall supervise the work force to ensure that all workers conduct themselves and perform their work in a safe and professional manner. CONTRACTOR shall comply with all OSHA safety rules and regulations in the operation of equipment and in the performance of the work. CONTRACTOR shall at all times have a competent field supervisor available to enforce these policies and procedures at the CONTRACTOR's expense.

2.4 CONTRACTOR shall provide CITY with seventy-two (72) hours written notice prior to the beginning of work under this Agreement and prior to any schedule change with the exception of changes caused by inclement weather.

2.5 CONTRACTOR hereby represents to CITY, with full knowledge that CITY is relying upon these representations when entering into this Agreement with CONTRACTOR, that CONTRACTOR has the professional expertise, experience and manpower to perform the services to be provided by CONTRACTOR pursuant to the terms of this Agreement.

2.6 CONTRACTOR hereby represents to CITY that CONTRACTOR is properly licensed by the applicable federal, state, and local agencies to provide the services under this Agreement. Furthermore, CONTRACTOR agrees to maintain such licenses during the term of this Agreement. If CONTRACTOR's license is revoked, suspended, or terminated for any reason by any governmental agency, CONTRACTOR shall notify the CITY immediately.

2.7 CONTRACTOR shall comply with any and all Federal, State, and local laws and regulations now in effect, or hereinafter enacted during the term of this Agreement, which are applicable to CONTRACTOR, its employees, agents or subcontractors, if any, with respect to the work and services described herein. A violation of any federal, state, or local law or regulation may be cause for breach, allowing the CITY to terminate this Agreement.





2.8 Return of Keys Upon completion of services rendered or termination of this agreement, CONTRACTOR must promptly return to CITY all CITY keys and/or access cards. By agreeing herein, CONTRACTOR understands that any loss or failure to return a CITY key shall subject CONTRACTOR to the costs associated with key replacement and/or re-keying. For keys unlocking several doors, replacement and re-keying costs can be substantial. In case of failure to return a key and failure to pay for key replacement and/or lock re-keying, CONTRACTOR understands that CITY shall enforce by all legal means its right to repayment for all costs incident to key replacement and/or lock re-keying.

### ARTICLE 3

#### TIME OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

3.1 The work to be performed under this Agreement shall be commenced after CITY execution of the Agreement and not later than ten (10) days after the date that CONTRACTOR receives CITY's Notice to Proceed. The work shall be completed within «DaysToCompleteProject» calendar days from issuance of CITY's Notice to Proceed, subject to any permitted extensions of time pursuant to this Agreement and any amendments and/or addenda thereto. For the purposes of this Agreement, the term "completion" shall mean the satisfactory completion and final inspection of the Property by the CITY.

3.2 During the pre-construction portion of the work hereunder, the Parties agree to work diligently and in good faith in performing their obligations hereunder, so that all required permits for the construction portion of the work may be obtained. In the event that any delays in the pre-construction or construction portion of the work occur, despite the diligent efforts of the Parties hereto, and such delays are the result of force majeure or are otherwise outside of the control of either party hereto, then the Parties shall agree on an equitable extension of the time for substantial completion hereunder and any resulting increase in general condition costs.

3.3 In the event that CONTRACTOR abandons this Agreement or causes it to be terminated, CONTRACTOR shall indemnify CITY against any loss pertaining to this termination up to a maximum of the full contracted fee amount. All finished or unfinished documents, data, studies, surveys, and reports prepared by CONTRACTOR shall become the property of CITY and shall be delivered by CONTRACTOR to CITY.

### ARTICLE 4

#### COMPENSATION AND METHOD OF PAYMENT

4.1 CITY agrees to compensate CONTRACTOR for all services performed under this Agreement by CONTRACTOR upon issuance of final inspection approval / monthly for work that has been completed, inspected and properly invoiced «Compensation\_Type» «Compensation\_Amount\_Written» («Compensation\_Amount\_Numerical»), which includes a «Contingency\_Fee\_Percent» owner's contingency fee of «Contingency\_Fee\_Written» («Contingency\_Fee\_Numerical») and a «Permit\_Fee\_Percent» permit allowance of «Permit\_Fee\_Written» («Permit\_Fee\_Numerical»).



4.1.1 This contingency or allowance authorizes the CITY to execute change orders up to the amount of the contingency without the need to obtain additional Commission approval. **It is hereby understood and agreed that the CONTRACTOR shall not expend any dollars in connection with the Owner's Contingency or Allowance without the expressed prior written approval of the CITY's authorized representative.** Any Owner's Contingency funds or allowance that have not been utilized at the end of the project will remain with the CITY, the CONTRACTOR shall only be paid for the proposed project cost as approved by the City Commission along with any Owner Contingency expenses or allowances that were approved by the CITY's authorized representative.

4.1.2 The total compensation amount may not be exceeded without a written amendment to this Agreement. A retainage of ten percent (10%) will be deducted from monthly payments until fifty percent (50%) of the project is complete. Retainage will be reduced to five percent (5%) thereafter. Retainage monies will be released upon satisfactory completion and final inspection of the work. Invoices must bear the project name, project number, bid number and purchase order number. CITY has up to thirty (30) days to review, approve and pay all invoices after receipt. CONTRACTOR shall invoice CITY and provide a written request to CITY to commence the one (1) year warranty period. All necessary Releases and Affidavits and approval of final payments shall be processed before the warranty period begins. All payments shall be governed by the Local Government Prompt Payment Act, as set forth in Part VII, Chapter 218, Florida Statutes.

#### 4.2 **Method of Billing and Payment.**

4.2.1 The CITY shall within thirty (30) days, from the date the CITY's Public Service Director approves the Application for Payment, pay the CONTRACTOR the amount approved by the CITY's Public Services Director or his or her assignees.

4.2.2 Payment will be made to CONTRACTOR at:

«Vendor\_Name»  
«Vendor\_Address\_Line\_1»  
«Vendor\_Address\_Line\_2»

### **ARTICLE 5 WAIVER OF LIENS**

5.1 Prior to final payment of the amount due under the terms of this Agreement, a final waiver of lien shall be submitted by the CONTRACTOR as well as all suppliers and subcontractors who worked on the project that is the subject of this Agreement. Payment of the invoice and acceptance of such payment by CONTRACTOR shall release CITY from all claims of liability by CONTRACTOR in connection with this Agreement.

### **ARTICLE 6 WARRANTY**

6.1 CONTRACTOR warrants the work against defect for a period of one (1) year from the



date of completion of work. In the event that defect occurs during this time, CONTRACTOR shall perform such steps as required to remedy the defects. CONTRACTOR shall be responsible for any damages caused by defect to affected area or to interior structure. The one (1) year warranty period does not begin until substantial completion of the entire project, and the subsequent release of any Performance or Payment Bonds, which may be required by the original bid document.

## **ARTICLE 7**

### **CHANGES IN SCOPE OF WORK**

7.1 CITY or CONTRACTOR may request changes that would increase, decrease, or otherwise modify the Scope of Services, as described in **Exhibit "A,"** to be provided under this Agreement as described in Article 2 of this Agreement. These changes may affect the monthly compensation accordingly. Such changes or additional services must be in accordance with the provisions of the Code of Ordinances of the CITY, and must be contained in a written amendment, executed by the Parties hereto, with the same formality, equality and dignity herewith prior to any deviation from the terms of this Agreement, including the initiation of any additional or extra work.

7.2 In no event will the CONTRACTOR be compensated for any work which has not been described either herein or in a separate written agreement executed by the Parties hereto.

## **ARTICLE 8**

### **PAYMENT & PERFORMANCE BOND**

8.1 Within fifteen (15) calendar days after Notice of Award and in any event prior to commencing work, the CONTRACTOR shall execute and furnish to CITY a payment and performance bond, each written by a corporate surety, having a resident agent in the State of Florida and having been in business with a record of successful continuous operation for at least five (5) years. The surety shall hold a current certificate of authority from the Secretary of Treasury of the United States as an acceptable surety on federal bonds in accordance with United States Department of Treasury Circular No. 570. If the amount of the bond exceeds the underwriting limitation set forth in the circular, in order to qualify, the net retention of the surety company shall not exceed the underwriting limitation in the circular and the excess risks must be protected by coinsurance, reinsurance, or other methods, in accordance with Treasury Circular 297, revised September 1, 1978 (31DFR, Section 223.10, Section 223.11). Further, the surety company shall provide CITY with evidence satisfactory to CITY, that such excess risk has been protected in an acceptable manner. The surety company shall have at least the following minimum qualification in accordance with the latest edition of A.M. Best's Insurance Guide, published by Alfred M. Best Company, Inc., Ambest Road, Oldwick, New Jersey 08858:

B+ to A+

8.2 Two (2) separate bonds are required and both must be approved by the CITY. **The penal sum stated in each bond shall be 100% of the contract value.** The performance bond shall be conditioned upon the CONTRACTOR's performance of the work in the time and manner prescribed in the Agreement. The payment bond shall be conditioned upon the CONTRACTOR's promptly making payments to all persons who supply the CONTRACTOR with labor, materials and supplies



used directly or indirectly by the CONTRACTOR in the prosecution of the work provided for in this Agreement and shall provide that the surety shall pay the same in the amount not exceeding the sum provided in such bonds, together with interest at the maximum rate allowed by law; and that they shall indemnify and save harmless the CITY to the extent of any and all payments in connection with the carrying out of said Agreement which the CITY may be required to make under the law.

Pursuant to the requirements of Section 255.05(1)(a), Florida Statutes, it shall be the duty of the CONTRACTOR to record the aforesaid payment and performance bonds in the public records of Broward County, and CONTRACTOR shall be responsible for payment of all recording costs.

## **ARTICLE 9**

### **INDEMNIFICATION**

9.1 Pursuant to Section 725.06, Florida Statutes, the Parties agree that one hundred percent (100%) of the total compensation paid to CONTRACTOR for the work under this Agreement shall constitute specific consideration to CONTRACTOR for the indemnification to be provided under this Agreement. CONTRACTOR shall indemnify and hold harmless the CITY, its trustees, elected and appointed officers, agents, servants, assigns, employees, consultants, separate contractors, any of their subcontractors, sub-subcontractors, agents and employees from and against claims, demands, or causes of action whatsoever, and the resulting losses, damages, costs and expenses, including but not limited to attorneys' fees, including paralegal expenses, liabilities, damages, orders, judgments, or decrees, sustained by the CITY arising out of or resulting from performance of the work or the failure of the CONTRACTOR to take out and maintain insurance as required under this Agreement.

9.2 Upon completion of all services, obligations and duties provided for in this Agreement, or in the event of termination of this Agreement for any reason, the terms and conditions of this Article shall survive indefinitely.

9.3 CITY reserves the right to select its own legal counsel to conduct any defense in any such proceeding and all costs and fees associated therewith shall be the responsibility of CONTRACTOR.

9.4 Nothing contained herein is intended nor shall be construed to waive CITY's rights and immunities under the common law or Section 768.28, Florida Statutes, as may be amended from time to time.

## **ARTICLE 10**

### **INSURANCE**

10.1 The CONTRACTOR shall indemnify and hold harmless the CITY and its officers, employees, agents and instrumentalities from any and all liability, losses or damages, including attorneys' fees and costs of defense, which the CITY or its officers, employees, agents or instrumentalities may incur as a result of claims, demands, suits, causes of actions or proceedings of any kind or nature arising out of, relating to or resulting from the performance of this Agreement by the CONTRACTOR or its employees, agents, servants, partners, principals or subcontractors.



The CONTRACTOR shall pay all claims and losses in connection therewith and shall investigate and defend all claims, suits or actions of any kind or nature in the name of the CITY, where applicable, including appellate proceedings, and shall pay all costs, judgments, and attorneys' fees which may issue thereon. The CONTRACTOR expressly understands and agrees that any insurance protection required by this Agreement or otherwise provided by the CONTRACTOR shall in no way limit the responsibility to indemnify, keep and save harmless and defend the CITY or its officers, employees, agents and instrumentalities as herein provided.

10.2 CONTRACTOR shall not commence work under this Agreement until it has obtained all insurance required under this paragraph and such insurance has been approved by the Risk Manager of the CITY nor shall the CONTRACTOR allow any subcontractor to commence work on any subcontract until all similar such insurance required of the subcontractor has been obtained and similarly approved.

10.3 Certificates of Insurance, reflecting evidence of the required insurance, shall be filed with the CITY's Risk Manager prior to the commencement of this Agreement. Policies shall be issued by companies authorized to do business under the laws of the State of Florida. The insurance company shall be rated no less than "A" as to management, and no less than "Class VI" as to financial strength according to the latest edition of Best's Insurance Guide published by A.M. Best Company.

10.4 Certificates of Insurance shall provide for thirty (30) days' prior written notice to the CITY in case of cancellation or material changes in the policy limits or coverage states. If the carrier cannot provide thirty (30) days' notice of cancellation, either the CONTRACTOR or their Insurance Broker must agree to provide notice.

10.5 Insurance shall be in force until all obligations required to be fulfilled under the terms of the Agreement are satisfactorily completed as evidenced by the formal acceptance by the CITY. In the event the insurance certificate provided indicates that the insurance shall terminate and lapse during the period of this Agreement, the CONTRACTOR shall furnish, at least forty-five (45) days prior to the expiration of the date of such insurance, a renewed certificate of insurance as proof that equal and like coverage for the balance of the period of the Agreement and extension thereunder is in effect. The CONTRACTOR shall neither commence nor continue to provide any services pursuant to this Agreement unless all required insurance remains in full force and effect. CONTRACTOR shall be liable to CITY for any lapses in service resulting from a gap in insurance coverage.

#### 10.6 REQUIRED INSURANCE

CONTRACTOR shall be required to obtain all applicable insurance coverage, as indicated below, prior to commencing any work pursuant to this Agreement:

Yes No

- ☐ ☐ 10.6.1 Comprehensive General Liability Insurance written on an occurrence basis including, but not limited to: coverage for bodily injury and property damage, personal & advertising injury, products & completed operations, and contractual liability. Coverage must be written on an occurrence basis, with limits of liability no less than:



1. Each Occurrence Limit - \$1,000,000
2. Fire Damage Limit (Damage to rented premises) - \$100,000
3. Personal & Advertising Injury Limit - \$1,000,000
4. General Aggregate Limit - \$2,000,000
5. Products & Completed Operations Aggregate Limit - \$2,000,000

Products & Completed Operations Coverage shall be maintained for the later of three (3) years after the delivery of goods/services or final payment under the Agreement. *(For Construction projects: Increase to ten (10) years and include a Designated Construction Project(s) General Aggregate Limit)*

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☐ 10.6.2 Workers' Compensation and Employers' Liability Insurance covering all employees, and/or volunteers of the CONTRACTOR engaged in the performance of the scope of work associated with this Agreement. In the case any work is sublet, the CONTRACTOR shall require the subcontractors similarly to provide Workers' Compensation Insurance for all the latter's employees unless such employees are covered by the protection afforded by the CONTRACTOR. Coverage for the CONTRACTOR and all subcontractors shall be in accordance with applicable state and/or federal laws that may apply to Workers' Compensation Insurance with limits of liability no less than:

1. Workers' Compensation: Coverage A – Statutory
2. Employers Liability: Coverage B \$500,000 Each Accident  
\$500,000 Disease – Policy Limit  
\$500,000 Disease – Each Employee

If CONTRACTOR claims to be exempt from this requirement, CONTRACTOR shall provide CITY proof of such exemption along with a written request for CITY to exempt CONTRACTOR, written on CONTRACTOR letterhead.

Yes No

- ☐ ☐ 10.6.3 Comprehensive Auto Liability Insurance covering all owned, non-owned and hired vehicles used in connection with the performance of work under this Agreement, with a combined single limit of liability for bodily injury and property damage no less than:

1. Any Auto (Symbol 1)  
Combined Single Limit (Each Accident) - \$1,000,000
2. Hired Autos (Symbol 8)  
Combined Single Limit (Each Accident) - \$1,000,000
3. Non-Owned Autos (Symbol 9)





Combined Single Limit (Each Accident) - \$1,000,000

If work under this Agreement includes transportation of hazardous materials, policy shall include pollution liability coverage equivalent to that provided by the latest version of the ISO pollution liability broadened endorsement for auto and the latest version of the ISO Motor Carrier Act endorsement, equivalents or broader language.

Yes No

- ☐ ☐ 10.6.3.1 If CONTRACTOR requests reduced limits under a Personal Auto Liability Policy and it is agreed to by the CITY, coverage shall include Bodily Injury limits of \$100,000 per person/\$300,000 per occurrence and Property Damage limits of \$300,000 per occurrence

Yes No

- ☐ ☐ 10.6.4 Umbrella/Excess Liability Insurance in the amount of \$\_\_\_\_\_ as determined appropriate by the CITY depending on the type of job and exposures contemplated. Coverage must be follow form of the General Liability, Auto Liability and Employer's Liability. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment pursuant to this Agreement.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☐ 10.6.5 Professional Liability/Errors & Omissions Insurance with a limit of liability no less than \$1,000,000 per wrongful or negligent act. This coverage shall be maintained for a period of no less than three (3) years after the delivery of goods/services final payment pursuant to this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed. For Construction projects: Increase to ten (10) years.)*

Yes No

- ☐ ☐ 10.6.6 Environmental/Pollution Liability insurance shall be required with a limit of no less than \$1,000,000 per wrongful act. Coverage shall include: CONTRACTOR's completed operations, sudden, accidental and gradual pollution conditions. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment pursuant to this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed. For Construction projects: Increase to ten (10) years)*

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**



Yes No

- ☐ ☐ 10.6.7 Cyber Liability including Network Security and Privacy Liability with a limit of liability no less than \$1,000,000 per loss. Coverage shall include liability arising from: theft, dissemination and/or use of confidential information stored or transmitted in electronic form, unauthorized access to, use of, or tampering with computer systems, including hacker attacks or inability of an authorized third party to gain access to your services, including denial of service, and the introduction of a computer virus into, or otherwise causing damage to, a customer's or third person's computer, computer system, network, or similar computer-related property and the data, software and programs thereon. If vendor is collecting credit card information, it shall cover all PCI breach expenses. Coverage is to include the various state monitoring and state required remediation as well as meet the various state notification requirements. This coverage shall be maintained for a period of no less than the later of three (3) years after delivery of goods/services or final payment of the Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☐ 10.6.8 Crime Coverage shall include employee dishonesty, forgery or alteration, and computer fraud in an amount of no less than \$1,000,000 per loss. If CONTRACTOR is physically located on CITY's premises, a third-party fidelity coverage extension shall apply.

Yes No

- ☐ ☐ 10.6.9 Garage Liability & Garage-keepers Legal Liability for those that manage parking lots for the CITY or service CITY vehicles. Coverage must be written on an occurrence basis, with limits of liability no less than \$1,000,000 per Occurrence, including products & completed operations. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment of this Agreement.

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☐ 10.6.10 Liquor Liability for those in the business of selling, serving or furnishing of any alcoholic beverages, whether licensed or not, shall carry a limit of liability of no less than \$1,000,000 per occurrence. Coverage shall be maintained for the later of three (3) years after the delivery of goods/services or final payment under the Agreement.



**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☐ 10.6.11 Sexual Abuse & Molestation for any agreement involving a vulnerable population. Limits shall be no less than \$500,000 per occurrence. This coverage shall be maintained for a period of no less than the later of three (3) years after the delivery of goods/services or final payment of this Agreement. Retroactive date, if any, to be no later than the first day of service to the CITY. *(Limit to align with size and scope of the Agreement and exposure inherent with operation/services being performed.)*

**The City of Pembroke Pines must be shown as an additional insured with respect to this coverage. The CITY's additional insured status shall extend to any coverage beyond the minimum limits of liability found herein.**

Yes No

- ☐ ☐ 10.6.12 Builder's Risk Insurance shall be "All Risk" for one hundred percent (100%) of the completed value of the project that is the subject of this Agreement with a deductible of not more than five percent (5%) for Named Windstorm and \$20,000 per claim for all other perils. The Builder's Risk Insurance shall include interests of the CITY, the CONTRACTOR and subcontractors of the project. The CONTRACTOR shall include a separate line item for all costs associated with the Builder's Risk Insurance Coverage for the project. The CITY reserves the right at its sole discretion to utilize the CONTRACTOR's Builder's Risk Insurance or for the CITY to purchase its own Builder's Risk Insurance for the Project. Prior to the CONTRACTOR purchasing the Builder's Risk insurance for the project, the CONTRACTOR shall allow the CITY the opportunity to analyze the CONTRACTOR's coverage and determine who shall purchase the coverage. Should the CITY utilize the CONTRACTOR's Builder's Risk Insurance, the CONTRACTOR shall be responsible for all deductibles. If the CITY chooses to purchase the Builder's Risk Coverage on the project, the CONTRACTOR shall provide the CITY with a change order deduct for all premiums and costs associated with the Builder's Risk insurance in their schedule. Should the CITY choose to utilize the CITY's Builder's Risk Program, the CITY shall be responsible for the Named Windstorm Deductible and the CONTRACTOR shall be responsible for the All Other Perils Deductible.

If and when 100% is not available or reasonable, the CITY Risk Manager is to make the determination as to what limits are appropriate for the given project.

Yes No

- ☐ ☐ 10.6.13 Other Insurance

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## 10.7 REQUIRED ENDORSEMENTS

10.7.1 The City of Pembroke Pines shall be named as an Additional Insured on each of the Liability Policies required herein.

10.7.2 Waiver of all Rights of Subrogation against the CITY.

10.7.3 Thirty (30) Day Notice of Cancellation or Non-Renewal to the CITY.

10.7.4 CONTRACTOR's policies shall be Primary & Non-Contributory.

10.7.5 All policies shall contain a "severability of interest" or "cross liability" clause without obligation for premium payment of the CITY.

10.7.6 The City of Pembroke Pines shall be named as a Loss Payee on all Property and/or Inland Marine Policies as their interest may appear.

10.8 Any and all insurance required of the CONTRACTOR pursuant to this Agreement must also be required by any subcontractor in the same limits and with all requirements as provided herein, including naming the CITY as an additional insured, in any work that is subcontracted unless such subcontractor is covered by the protection afforded by the CONTRACTOR and provided proof of such coverage is provided to CITY. The CONTRACTOR and any subcontractors shall maintain such policies during the term of this Agreement.

10.9 The CITY reserves the right to require any other additional types of insurance coverage and/or higher limits of liability it deems necessary based on the nature of work being performed under this Agreement.

10.10 The insurance requirements specified in this Agreement are minimum requirements and in no way reduce any liability the CONTRACTOR has assumed in the indemnification/hold harmless section(s) of this Agreement.

## ARTICLE 11

### **NON-DISCRIMINATION & EQUAL OPPORTUNITY EMPLOYMENT**

11.1 During the performance of the Agreement, neither the CONTRACTOR nor any subcontractors shall discriminate against any employee or applicant for employment because of race, religion, color, gender, national origin, sex, age, marital status, political affiliation, familial status, sexual orientation, or disability if qualified. CONTRACTOR will take affirmative action to ensure that employees are treated during employment, without regard to their race, religion, color, gender, national origin, sex, age, marital status, political affiliation, familial status, sexual orientation, or disability if qualified. Such actions must include, but not be limited to, the following: employment, promotion, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. CONTRACTOR shall agree to post in conspicuous places, available to



employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause. CONTRACTOR further agrees that CONTRACTOR will ensure that subcontractors, if any, will be made aware of and will comply with this nondiscrimination clause.

## **ARTICLE 12**

### **INDEPENDENT CONTRACTOR**

12.1 This Agreement does not create an employee/employer relationship between the Parties. It is the intent of the Parties that the CONTRACTOR is an independent contractor under this Agreement and not the CITY's employee for all purposes, including but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, the State Workers' Compensation Act, and the State unemployment insurance law. The CONTRACTOR shall retain sole and absolute discretion in the judgment of the manner and means of carrying out CONTRACTOR's activities and responsibilities hereunder provided, further that administrative procedures applicable to services rendered under this Agreement shall be those of CONTRACTOR, which policies of CONTRACTOR shall not conflict with CITY, State, H.U.D., or United States policies, rules or regulations relating to the use of CONTRACTOR's funds provided for herein. The CONTRACTOR agrees that it is a separate and independent enterprise from the CITY, that it has full opportunity to find other business, that it has made its own investment in its business, and that it will utilize a high level of skill necessary to perform the work. This Agreement shall not be construed as creating any joint employment relationship between the CONTRACTOR and the CITY and the CITY will not be liable for any obligation incurred by CONTRACTOR, including but not limited to unpaid minimum wages and/or overtime premiums.

## **ARTICLE 13**

### **TERMINATION**

13.1 *Termination for Convenience:* This Agreement may be terminated by CITY for convenience, upon **seven (7) business days** of written notice by the CITY to the CONTRACTOR for such termination in which event CONTRACTOR shall be paid its compensation for services performed to termination date, including services reasonably related to termination. In the event that CONTRACTOR abandons this Agreement or causes it to be terminated, CONTRACTOR shall indemnify CITY against loss pertaining to this termination.

13.2 *Default by CONTRACTOR:* In addition to all other remedies available to CITY, this Agreement shall be subject to cancellation by CITY for cause, should CONTRACTOR neglect or fail to perform or observe any of the terms, provisions, conditions, or requirements herein contained, if such neglect or failure shall continue for a period of thirty (30) days after receipt by CONTRACTOR of written notice of such neglect or failure.

## **ARTICLE 14**

### **AGREEMENT SUBJECT TO FUNDING**

14.1 This Agreement shall remain in full force and effect only as long as the expenditures provided for in the Agreement have been appropriated by the City Commission of the City of Pembroke Pines



in the annual budget for each fiscal year of this Agreement, and is subject to termination based on lack of funding.

## **ARTICLE 15**

### **UNCONTROLLABLE FORCES**

15.1 Neither CITY nor CONTRACTOR shall be considered to be in default of this Agreement if delays in or failure of performance shall be due to Uncontrollable Forces, the effect of which, by the exercise of reasonable diligence, the non-performing party could not avoid. The term "Uncontrollable Forces" shall mean any event which results in the prevention or delay of performance by a party of its obligations under this Agreement and which is beyond the reasonable control of the nonperforming party. It includes, but is not limited to fire, flood, earthquakes, storms, lightning, epidemic, war, riot, civil disturbance, sabotage, and governmental actions.

15.2 Neither party shall, however, be excused from performance if nonperformance is due to forces, which are preventable, removable, or remediable, and which the nonperforming party could have, with the exercise of reasonable diligence, prevented, removed, or remedied with reasonable dispatch. The nonperforming party shall, within a reasonable time of being prevented or delayed from performance by an uncontrollable force, give written notice to the other party describing the circumstances and uncontrollable forces preventing continued performance of the obligations of this Agreement.

## **ARTICLE 16**

### **GOVERNING LAW AND VENUE**

16.1 This Agreement shall be governed by and construed in accordance with the laws of the State of Florida as now and hereafter in force. The venue for any and all actions or claims arising out of or related to this Agreement shall be in Broward County, Florida.

## **ARTICLE 17**

### **SIGNATORY AUTHORITY**

17.1 CONTRACTOR shall provide CITY with copies of requisite documentation evidencing that the signator for CONTRACTOR has the authority to enter into this Agreement.

## **ARTICLE 18**

### **DEFAULT OF CONTRACT & REMEDIES**

18.1.1 **Damages.** CITY reserves the right to recover any ascertainable actual damages incurred as a result of the failure of CONTRACTOR to perform in accordance with the requirements of this Agreement, or for losses sustained by CITY resultant from CONTRACTOR's failure to perform in accordance with the requirements of this Agreement.

18.1.2 **Liquidated Damages.** As a breach of the service provided by this Agreement would cause serious and substantial damage to CITY Property, and the nature of this Agreement would render it impracticable or extremely difficult to fix the actual damage sustained by CITY by such breach, it is agreed that, in case of breach of service wherein CONTRACTOR fails to maintain the





Property, leaving the said property in disrepair, CITY may elect to collect liquidated damages for each such breach, and CONTRACTOR will pay CITY as liquidated damages, and not as penalty, «**LiquidatedDamagesAmountWritten**» (\$«**LiquidatedDamagesAmount\$**») for every day of such malfunction. This sum is the agreed upon amount by which CITY will be damaged by the breach of such service. An election to seek such remedies shall not be construed as a waiver of any legal remedies CITY may have as to any subsequent breach of service under this Agreement.

**18.1.3 Correction of Work.** If, in the judgment of CITY, work provided by CONTRACTOR does not conform to the requirements of this Agreement, or if the work exhibits poor workmanship, CITY reserves the right to require that CONTRACTOR correct all deficiencies in the work to bring the work into conformance without additional cost to CITY, and / or replace any personnel who fail to perform in accordance with the requirements of this Agreement. CITY shall be the sole judge of non-conformance and the quality of workmanship.

**18.2 Default of Contract.** The occurrence of any one or more of the following events shall constitute a default and breach of this Agreement by CONTRACTOR:

18.2.1. The abandonment of the Property by CONTRACTOR for a period of more than seven (7) business days.

18.2.2 The abandonment, unnecessary delay, refusal of, or failure to comply with any of the terms of this Agreement or neglect, or refusal to comply with the instructions of the Public Services Director relative thereto.

18.2.3. The failure by CONTRACTOR to observe or perform any of the terms, covenants, or conditions of this Agreement to be observed or performed by CONTRACTOR, where such failure shall continue for a period of seven (7) days after written notice thereof by CITY to CONTRACTOR; provided, however, that if the nature of CONTRACTOR's default is such that more than seven (7) days are reasonably required for its cure, then CONTRACTOR shall not be deemed to be in default if CONTRACTOR commences such cure within said seven (7) day period and thereafter diligently prosecutes such cure to completion.

18.2.4. The assignment and/or transfer of this Agreement or execution or attachment thereon by CONTRACTOR or any other party in a manner not expressly permitted hereunder.

18.2.5. The making by CONTRACTOR of any general assignment or general arrangement for the benefit of creditors, or the filing by or against CONTRACTOR of a petition to have CONTRACTOR adjudged a bankruptcy, or a petition for reorganization or arrangement under any law relating to bankruptcy (unless, in the case of a petition filed against CONTRACTOR, the same is dismissed within sixty (60) days); or the appointment of a trustee or a receiver to take possession of substantially all of CONTRACTOR's assets, or for CONTRACTOR's interest in this Agreement, where possession is not restored to CONTRACTOR within thirty (30) days; for attachment, execution or other judicial seizure of substantially all of CONTRACTOR's assets, or for CONTRACTOR's interest in this Agreement, where such seizure is not discharged within thirty (30) days.



18.3 **Remedies in Default.** In case of default by CONTRACTOR, CITY shall notify CONTRACTOR, in writing, of such abandonment, delay, refusal, failure, neglect, or default and direct CONTRACTOR to comply with all provisions of the Agreement. A copy of such written notice shall be mailed to the Surety on the Performance Bond. If the abandonment, delay, refusal, failure, neglect or default is not cured within seven (7) days of when notice was sent by CITY, CITY may declare a default of the Agreement and notify CONTRACTOR of such declaration of default and terminate the Agreement. The Surety on the Performance Bond shall within ten (10) days of such declaration of default, rectify or cause to be rectified any mismanagement or breach of service in the Agreement and assume the work of CONTRACTOR and proceed to perform services under the Agreement, at its own cost and expense.

18.3.1. Upon such declaration of default, all payments remaining due CONTRACTOR at the time of default, less all sums due CITY for damages suffered, or expenses incurred by reason of default, shall be due and payable to Surety. Thereafter the Surety shall receive monthly payments equal to those that would have been paid by the CONTRACTOR had the CONTRACTOR continued to perform the services under the Agreement.

18.3.2. CITY may complete the Agreement, or any part thereof, either by day labor or re-letting a contract for the same, and procure the equipment and the facilities necessary for the completion of the Agreement, and charge the cost of same to CONTRACTOR and/or the Surety together with the costs incident thereto to such default.

18.3.3. In the event CITY completes the Agreement at a lesser cost than would have been payable to CONTRACTOR under this Agreement, if the same had been fulfilled by CONTRACTOR, CITY shall retain such differences. Should such cost to CITY be greater, CONTRACTOR shall pay the amount of such excess to the CITY.

18.3.4 Notwithstanding the other provisions in this Article, CITY reserves the right to terminate the Agreement at any time, whenever the service provided by CONTRACTOR fails to meet reasonable standards of the trade after CITY gives written notice to the CONTRACTOR of the deficiencies as set forth in the written notice within fourteen calendar (14) days of the receipt by CONTRACTOR of such notice from CITY.

## **ARTICLE 19** **BANKRUPTCY**

19.1 It is agreed that if CONTRACTOR is adjudged bankrupt, either voluntarily or involuntarily, then this Agreement shall terminate effective on the date and at the time the bankruptcy petition is filed.

## **ARTICLE 20** **MERGER; AMENDMENT**

20.1 This Agreement constitutes the entire Agreement between CONTRACTOR and CITY, and all negotiations and oral understandings between the Parties are merged herein. This Agreement can be supplemented or amended only by a written document executed by both CONTRACTOR and



CITY with the same formality and equal dignity herewith.

## **ARTICLE 21**

### **DISPUTE RESOLUTION**

21.1 **Arbitration.** In addition to any other remedy provided hereunder, CITY, at its option, may use arbitration to resolve any controversy or claim arising out of or relating to this Agreement if arbitration is elected by CITY. Any controversy or claim arising out of or relating to this Agreement, or breach thereof, may be settled by arbitration in accordance with the rules of the American Arbitration Association and judgment upon the award rendered by the arbitrators may be entered into by any court having jurisdiction thereof. In the event arbitration is elected by CITY, such controversy or claim shall be submitted to one arbitrator selected from the National Panel of The American Arbitration Association.

#### **21.2 Operations During Dispute.**

21.2.1 In the event that a dispute, if any, arises between CITY and CONTRACTOR relating to this Agreement, performance or compensation hereunder, CONTRACTOR shall continue to render service in full compliance with all terms and conditions of this Agreement as interpreted by CITY regardless of such dispute.

21.2.2 CONTRACTOR expressly recognizes the paramount right and duty of CITY to provide adequate maintenance of CITY's Property, and further agrees, in consideration for the execution of this Agreement, that in the event of such a dispute, if any, it will not seek injunctive relief in any court, but will negotiate with CITY for an adjustment on the matter or matters in dispute and, upon failure of said negotiations to resolve the dispute, may present the matter to a court of competent jurisdiction in an appropriate suit therefore instituted by it or by CITY.

## **ARTICLE 22**

### **PUBLIC RECORDS**

22.1 The City of Pembroke Pines is public agency subject to Chapter 119, Florida Statutes. The CONTRACTOR shall comply with Florida's Public Records Law. Specifically, the CONTRACTOR shall:

22.1.1 Keep and maintain public records required by the CITY to perform the service;

22.1.2 Upon request from the CITY's custodian of public records, provide the CITY with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Fla. Stat., or as otherwise provided by law;

22.1.3 Ensure that public records that are exempt or that are confidential and exempt from public record disclosure requirements are not disclosed except as authorized by law for the duration of the Agreement term and, following completion of the Agreement, CONTRACTOR shall destroy all copies of such confidential and exempt records remaining



in its possession after the CONTRACTOR transfers the records in its possession to the CITY;  
and

22.1.4 Upon completion of the Agreement, CONTRACTOR shall transfer to the CITY, at no cost to the CITY, all public records in CONTRACTOR's possession. All records stored electronically by the CONTRACTOR must be provided to the CITY, upon request from the CITY's custodian of public records, in a format that is compatible with the information technology systems of the CITY.

22.2 The failure of CONTRACTOR to comply with the provisions set forth in this Article shall constitute a Default and Breach of this Agreement and the CITY shall enforce the Default in accordance with the provisions set forth in **Article 18** of this Agreement.

**IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:**

**CITY CLERK  
601 CITY CENTER WAY, 4<sup>th</sup> FLOOR  
PEMBROKE PINES, FL 33025  
(954) 450-1050  
[mgraham@ppines.com](mailto:mgraham@ppines.com)**

**ARTICLE 23  
MISCELLANEOUS**

23.1 **Ownership of Documents.** Reports, surveys, studies, and other data provided in connection with this Agreement are and shall remain the property of CITY, whether or not the project for which they are made is completed.

23.2 **Legal Representation.** It is acknowledged that each party to this agreement had the opportunity to be represented by counsel in the preparation of this Agreement, and accordingly, the rule that a contract shall be interpreted strictly against the party preparing same shall not apply herein due to the joint contributions of both parties.

23.3 **Records.** CONTRACTOR shall keep such records and accounts and require any and all subcontractors to keep records and accounts as may be necessary in order to record complete and correct entries as to personnel hours charged to this engagement, and any expenses for which CONTRACTOR expects to be reimbursed. Such books and records will be available at all reasonable times for examination and audit by CITY and shall be kept for a period of ten (10) years after the completion of all work to be performed pursuant to this Agreement. Incomplete or incorrect entries



in such books and records will be grounds for disallowance by CITY of any fees or expenses based upon such entries.

23.4 **Assignments; Amendments.** This Agreement, and any interests herein, shall not be assigned, transferred or otherwise encumbered, under any circumstances, by CONTRACTOR without the prior written consent of CITY. For purposes of this Agreement, any change of ownership of CONTRACTOR shall constitute an assignment which requires CITY approval. However, this Agreement shall run to the benefit of CITY and its successors and assigns.

23.5 **No Contingent Fees.** CONTRACTOR warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for CONTRACTOR to solicit or secure this Agreement, and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working solely for CONTRACTOR any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this Agreement. For the breach or violation of this provision, CITY shall have the right to terminate the Agreement without liability at its discretion, to deduct from the contract price, or otherwise recover the full amount of such fee, commission, percentage, gift or consideration.

23.6 **Notice.** Whenever any party desires to give notice unto any other party, it must be given by written notice, sent by certified United States mail, with return receipt requested, addressed to the party for whom it is intended and the remaining party, at the places last specified, and the places for giving of notice shall remain such until they shall have been changed by written notice in compliance with the provisions of this section. For the present, CONTRACTOR and CITY designate the following as the respective places for giving of notice:

CITY                      Charles F. Dodge, City Manager  
City of Pembroke Pines  
601 City Center Way  
Pembroke Pines, Florida 33025  
Telephone No.            (954) 450-1040

Copy To:                Samuel S. Goren, City Attorney  
Goren, Cherof, Doody & Ezrol, P.A.  
3099 East Commercial Boulevard, Suite 200  
Fort Lauderdale, Florida 33308  
Telephone No.            (954) 771-4500  
Facsimile No.            (954) 771-4923

CONTRACTOR            «Vendor\_Contact\_Title»  
«Vendor\_Name»  
«Vendor\_Address\_Line\_1»  
«Vendor\_Address\_Line\_2»  
E-mail:                    «Vendor\_Email»  
Telephone No:            «Vendor\_Phone\_Number»  
Cell phone No:           «Vendor\_Cell\_Number»  
Facsimile No:            «Vendor\_Fax\_Number»



23.7 **Binding Authority.** Each person signing this Agreement on behalf of either party individually warrants that he or she has full legal power to execute this Agreement on behalf of the party for whom he or she is signing, and to bind and obligate such party with respect to all provisions contained in this Agreement.

23.8 **Headings.** Headings herein are for the convenience of reference only and shall not be considered in any interpretation of this Agreement.

23.9 **Exhibits.** Each exhibit referred to in this Agreement forms an essential part of this Agreement. The exhibits if not physically attached should be treated as part of this Agreement and are incorporated herein by reference.

23.10 **Severability.** If any provision of this Agreement or application thereof to any person or situation shall to any extent, be held invalid or unenforceable, the remainder of this Agreement, and the application of such provisions to persons or situations other than those as to which it shall have been held invalid or unenforceable, shall not be affected thereby, and shall continue in full force and effect, and be enforced to the fullest extent permitted by law.

23.11 **Extent of Agreement.** This Agreement represents the entire and integrated agreement between CITY and CONTRACTOR and supersedes all prior negotiations, representations or agreements, either written or oral.

23.12 **Waiver.** Failure of CITY to insist upon strict performance of any provision or condition of this Agreement, or to execute any right therein contained, shall not be construed as a waiver or relinquishment for the future of any such provision, condition, or right, but the same shall remain in full force and effect.

23.13 **Attorneys' Fees.** In the event that either party brings suit for enforcement of this Agreement, each party shall bear its own attorney's fees and court costs, except as otherwise provided under the indemnification provisions set forth herein above.

23.14 **Protection of City Property.** At all times during the performance of this Agreement, CONTRACTOR shall protect CITY's property from all damage whatsoever on account of the work being carried on under this Agreement.

23.15 **Counterparts and Execution.** This Agreement may be executed in multiple originals or counterparts, each of which shall be deemed to be an original and together shall constitute one and the same agreement. Execution and delivery of this Agreement by the Parties shall be legally binding, valid and effective upon delivery of the executed documents to the other party through facsimile transmission, email, or other electronic delivery.

23.16 **Compliance with Statutes:** It shall be the CONTRACTOR's responsibility to be aware of and comply with all statutes, ordinances, rules, orders, regulations and requirements of all local, city, state, and federal agencies as applicable.





**23.17 Scrutinized Companies.** CONTRACTOR, its principals or owners, certify that they are not listed on the Scrutinized Companies that Boycott Israel List, Scrutinized Companies with Activities in Sudan List, Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or is engaged in business operations with Syria. In accordance with Section 287.135, Florida Statutes, as amended, a company is ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with any agency or local governmental entity for goods or services if:

23.16.1 Any amount of, at the time bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes or is engaged in a boycott of Israel; or

23.16.2 One million dollars or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company:

23.16.2.1 Is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes; or

23.16.2.2 Is engaged in business operations in Syria.

**23.18 Domestic Partnership.**

23.18.1 CONTRACTOR certifies that it is aware of the requirements of Section 35.39 of the CITY's Code of Ordinances and certifies that (**check only one box below**):

- ☐ CONTRACTOR currently complies with the requirements of Section 35.39 of the CITY's Code of Ordinances; or
- ☐ CONTRACTOR will comply with the conditions of Section 35.39 of the CITY's Code of Ordinances; or
- ☐ CONTRACTOR will not comply with the conditions of Section 35.39 of the CITY's Code of Ordinances; or
- ☐ CONTRACTOR does not comply with the conditions of Section 35.39 of the CITY's Code of Ordinances because of the following allowable exemption (**check only box below**):
  - ☐ CONTRACTOR does not provide benefits to employees' spouses in traditional marriages; or
  - ☐ CONTRACTOR provides an employee the cash equivalent of benefits because CONTRACTOR is unable to provide benefits to employees' Domestic Partners or spouses despite making reasonable efforts to provide them. To meet this exception, CONTRACTOR shall provide a notarized



affidavit that it has made reasonable efforts to provide such benefits. The affidavit shall state the efforts taken to provide such benefits and the amount of the cash equivalent. Case equivalent means the amount of money paid to an employee with a Domestic Partner or spouse rather than providing benefits to the employee's Domestic Partner or spouse. The case equivalent is equal to the employer's direct expense of providing benefits to an employee's spouse; or

- ☐ CONTRACTOR is a religious organization, association, society, or any non-profit charitable or educational institution or organization operated, supervised, or controlled by or in conjunction with a religious organization, association, or society; or
- ☐ CONTRACTOR is a governmental agency.

23.18.2 Except where federal or state law mandates to the contrary, a contractor awarded a contract pursuant to a competitive solicitation shall provide benefits to Domestic Partners and spouses of its employees, irrespective of gender, on the same basis as it provides benefits to employees' spouses in traditional marriages.

23.18.3 CONTRACTOR shall provide the City Manager and his/her designee, access to its records for the purpose of audits and/or investigations to ascertain compliance with the provisions of this Article, and upon request shall provide evidence that the CONTRACTOR is in compliance with the provisions of this Article upon the renewal of this AGREEMENT or when the City Manager or his/her designee receives a complaint or has reason to believe CONTRACTOR may not be in compliance with the provisions of this Article. Records shall include but not be limited to providing the City Manager and his/her designee with certified copies of CONTRACTOR's records pertaining to its benefits policies and its employment policies and practices.

23.18.4 CONTRACTOR must conspicuously make available to all employees and applicants for employment the following statement:

**"During the performance of a contract with the City of Pembroke Pines, Florida, the CONTRACTOR will provide Equal Benefits to its employees with spouses, as defined by Section 35.39 of the City of Pembroke Pines Code of Ordinances, and its employees with Domestic Partners and all Married Couples".**

23.18.5 By executing this Agreement, CONTRACTOR certifies that it agrees to comply with the above and Section 35.39 of the City of Pembroke Pines Code of Ordinances, as may be amended from time to time.

**THE REMAINDER OF THIS PAGE**



**HAS BEEN INTENTIONALLY LEFT BLANK**



IN WITNESS OF THE FOREGOING, the Parties have set their hands and seals the day and year first written above.

CITY:

CITY OF PEMBROKE PINES, FLORIDA

ATTEST:

MARLENE D. GRAHAM, CITY CLERK By: CHARLES F. DODGE, CITY MANAGER

APPROVED AS TO FORM:

Name: OFFICE OF THE CITY ATTORNEY

CONTRACTOR:

Vendor Name Upper Case

By: Name: Title:

STATE OF COUNTY OF

BEFORE ME, an officer duly authorized by law to administer oaths and take acknowledgments, personally appeared as of Vendor Name Upper Case, a company authorized to conduct business in the State of Florida, and acknowledged execution of the foregoing Agreement as the proper official of Vendor Name Upper Case for the use and purposes mentioned in it and affixed the official seal of the corporation, and that the instrument is the act and deed of that corporation.

IN WITNESS OF THE FOREGOING, I have set my hand and official seal at in the State and County aforesaid on this day of, 2020.

NOTARY PUBLIC

(Name of Notary Typed, Printed or Stamped)

**REFERENCES FORM**

Provide specific examples of similar contracts. References should be capable of explaining and confirming your firm's capacity to successfully complete the scope of work outlined herein. **This form should be duplicated for each reference and any additional information that would be helpful can be attached.**

**Reference Contact Information:**Name of Firm, City, County or Agency: Address: City/State/Zip: Contact Name:  Title: E-Mail Address: Telephone:  Fax: **Project Information:**Name of Contractor Performing the work: 

Name and location of the project:

Nature of the firm's responsibility on the project:

Project duration:  Completion (Anticipated) Date: Size of project:  Cost of project: 

Work for which staff was responsible:

Contract Type: The results/deliverables of the project: **REFERENCES FORM**

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Nature of the firm's responsibility on the project:

Project duration:  Completion (Anticipated) Date: Size of project:  Cost of project: Work for which staff was responsible: Contract Type: The results/deliverables of the project:



## FINAL/PARTIAL RELEASE OF LIEN

### KNOW ALL MEN BY THESE PRESENTS:

That the undersigned, for and in consideration of the payment of the sum of \$ [Payment Amount] and other valuable consideration, paid by **City of Pembroke Pines**, receipt of which is hereby acknowledge, hereby releases and quit claims to the said [Contractor Name] its successors and assigns, and

#### City of Pembroke Pines

The owner, all liens, lien rights, claims and demands of any kind whatsoever, which the undersigned now has or might have against the building on premises legally described as:

[Description]  
PO #: [PO #]

Invoice #: [Invoice #]

On account of labor performed and/or material furnished for the construction of any improvements thereon. That all labor and materials used by the undersigned in the erection of said improvements have been fully paid for:

Witnesses:

**CONTRACTOR**  
**[NAME OF CONTRACTOR]**

\_\_\_\_\_

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

Print Name

Print Name: \_\_\_\_\_

\_\_\_\_\_

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

Print Name

STATE OF FLORIDA     )  
  ) ss:  
COUNTY OF BROWARD )

ON THIS \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary public, personally appeared [Contractor's Representative] as [Job Title] of [Name of Contractor], personally known to me, or who has produced \_\_\_\_\_ as identification, and is the person who subscribed to the foregoing instrument and who acknowledged that (s)he executed the same and that (s)he was duly authorized to do so.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

\_\_\_\_\_  
NOTARY PUBLIC

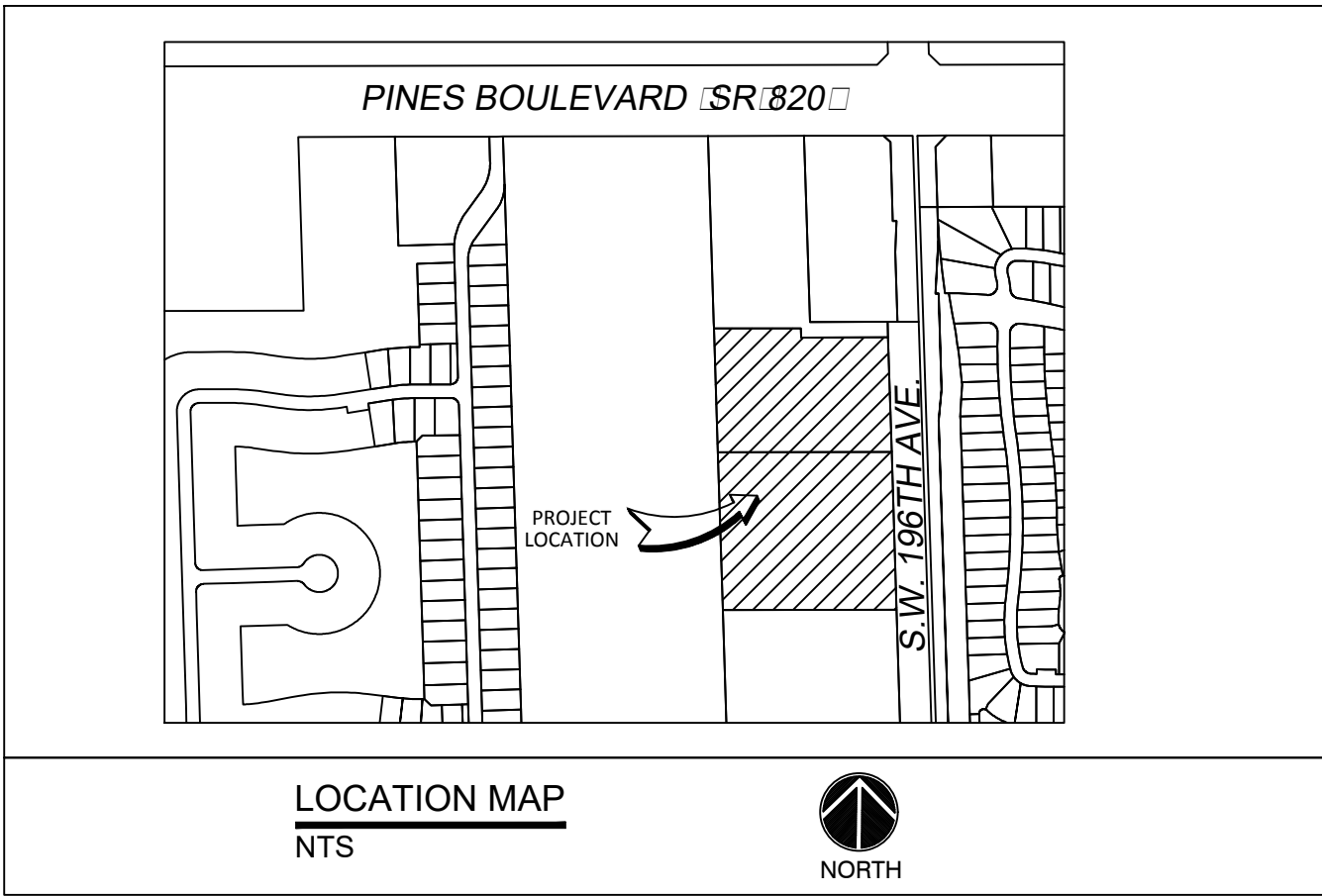
\_\_\_\_\_  
Print or Type Name

My Commission Expires:

# WEST PINES SOCCER PARK

## FIELDS 5 AND 6

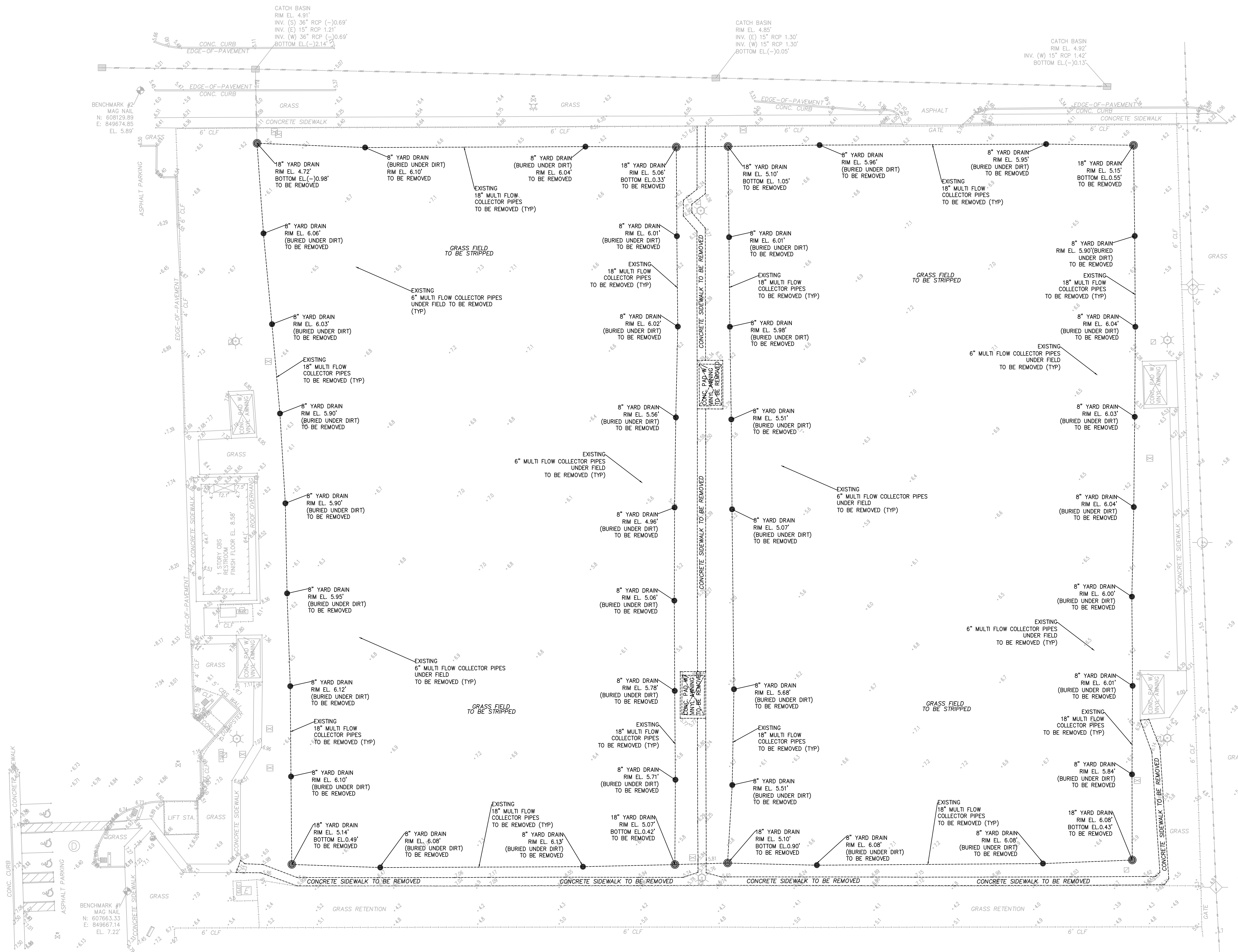
350 SW 196TH AVE  
PEMBROKE PINES, FLORIDA 33029



PLAN INDEX:

	COVERSHEET
D1	SITE DEMOLITION PLAN
C1	GRADING AND DRAINAGE PLAN
C2	GRADING AND DRAINAGE DETAILS DETAILS
C3	SBDD STANDARD DETAILS
ESC	EROSION AND SEDIMENT CONTROL PLAN
IR-1&IR-2	ORIGINAL IRRIGATION PLANS (PROVIDED FOR REFERENCE ONLY)

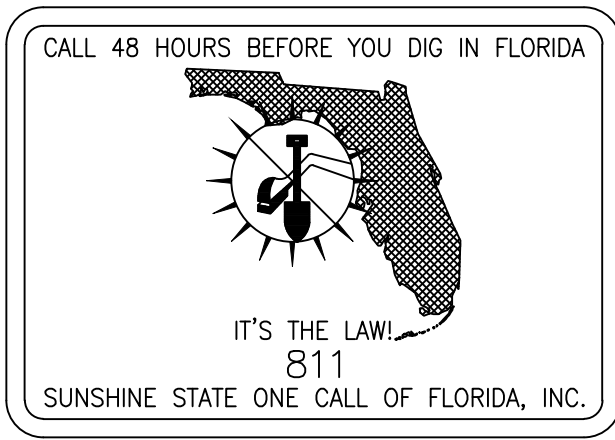
<b>FLYNN</b> ENGINEERING 241 COMMERCIAL BLDG., LAUDERDALE, FL 33308 PHONE: (954) 522-1001 FAX: (954) 522-1002 WWW.FLYNNENGINEERING.COM	
	Job No. 21-1626.00
	Plot Date 06/03/21
	Drawn by DRS
	Proj. Engr. DRS
	Appr. by DRS



**SITE DEMOLITION LEGEND**

— — — — — EXISTING FEATURE TO BE REMOVED

- DEMOLITION NOTES**
1. THE EXISTING 18" YARD DRAINS REMOVED BY SITE DEMOLITION WORK MAY BE STOCK PILED AND REUSED UPON FIELD INSPECTION AND APPROVAL BY BOTH THE CITY OF PEMBROKE PINES ENGINEERING INSPECTOR AND THE ENGINEER OF RECORD.
  2. CONTRACTOR SHALL STRIP THE EXISTING FIELD TURF AND AS REQUIRED PER PLAN AND DISPOSE OF OFFSITE.
  3. EXISTING 8" YARD DRAIN STRUCTURES, 6" MULTIFLOW PIPES UNDER THE OUTSIDE OF THE EDGES OF THE FIELDS, AND 18" MULT FLOW PIPES AROUND THE PERIMETER OF BOTH FIELDS SHALL BE REMOVED AND DISPOSED OF OFFSITE UNLESS OTHERWISE NOTED ON PLANS.
  4. THE CONTRACTOR SHALL SAWCUT ALONG A NEAT STRAIGHT LINE AT ALL POINTS OF CONCRETE SIDEWALK DEMOLITION AND RECONNECTION TO EXISTING CONCRETE SIDEWALK TO REMAIN.
  5. CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN TEMPORARY BARRIERS AROUND SITE DEMOLITION AREAS AND MAINTAIN IN PLACE CITY OF PEMBROKE PINES APPROVED MAINTENANCE OF TRAFFIC PLAN.
  6. ALL EXISTING ABOVE AND BELOW GROUND ITEMS (INCLUDING SIGNS, CHAIN LINK FENCE, CONCRETE SIDEWALKS, BLEACHERS, CANOPY STRUCTURES, LIGHT POLES, ETC.) SHALL REMAIN WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED TO REMAIN.
  7. ALL DEMOLITION DEBRIS NOT OTHERWISE NOTED ON THE PLANS OR IN THESE NOTES SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE IN ACCORDANCE WITH THE GOVERNING MUNICIPALITY REQUIREMENTS.
  8. EXISTING IRRIGATION SYSTEM TO BE REMOVED IN AREA OF RECONSTRUCTION AND REPLACED TO EXISTING CONDITION. SEE SEPARATE ORIGINAL PERMITTED IRRIGATION PLANS FOR REFERENCE ONLY.
  9. CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY DEWATERING REQUIRED DURING SITE DEMOLITION.
  10. BACKFILL FOR ANY VOIDS LEFT BY REMOVAL OF UNDERGROUND DRAINAGE PIPES SHALL BE AS NOTED BY GEOTECHNICAL ENGINEER RECOMMENDATIONS FOR BACKFILLING.
  11. CONTRACTOR SHALL COORDINATE WITH CITY STAFF PRIOR TO STARTING SITE DEMO FOR ANY ITEMS THEY REQUEST TO BE SALVAGED AND NOT REMOVED FROM THE SITE.



Sheet Title

**SITE DEMOLITION PLAN**

Job Title

**WEST PINES SOCCER PARK  
FIELDS 5 AND 6**

350 SW 196TH AVE  
PEMBROKE PINES, FLORIDA 33029

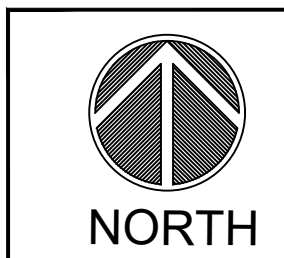


Revisions	
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Phase:

PERMIT  
DOCUMENTS

SEAL	
Scale:	Date
1"=30'	05/05/20
Job No.	Plat Date
21-1626.00	06/03/21
Drawn by	Sheet No.
DRS	D1
Proj. Mgr.	
DRS	
Appr. by	1 of 4
DRS	

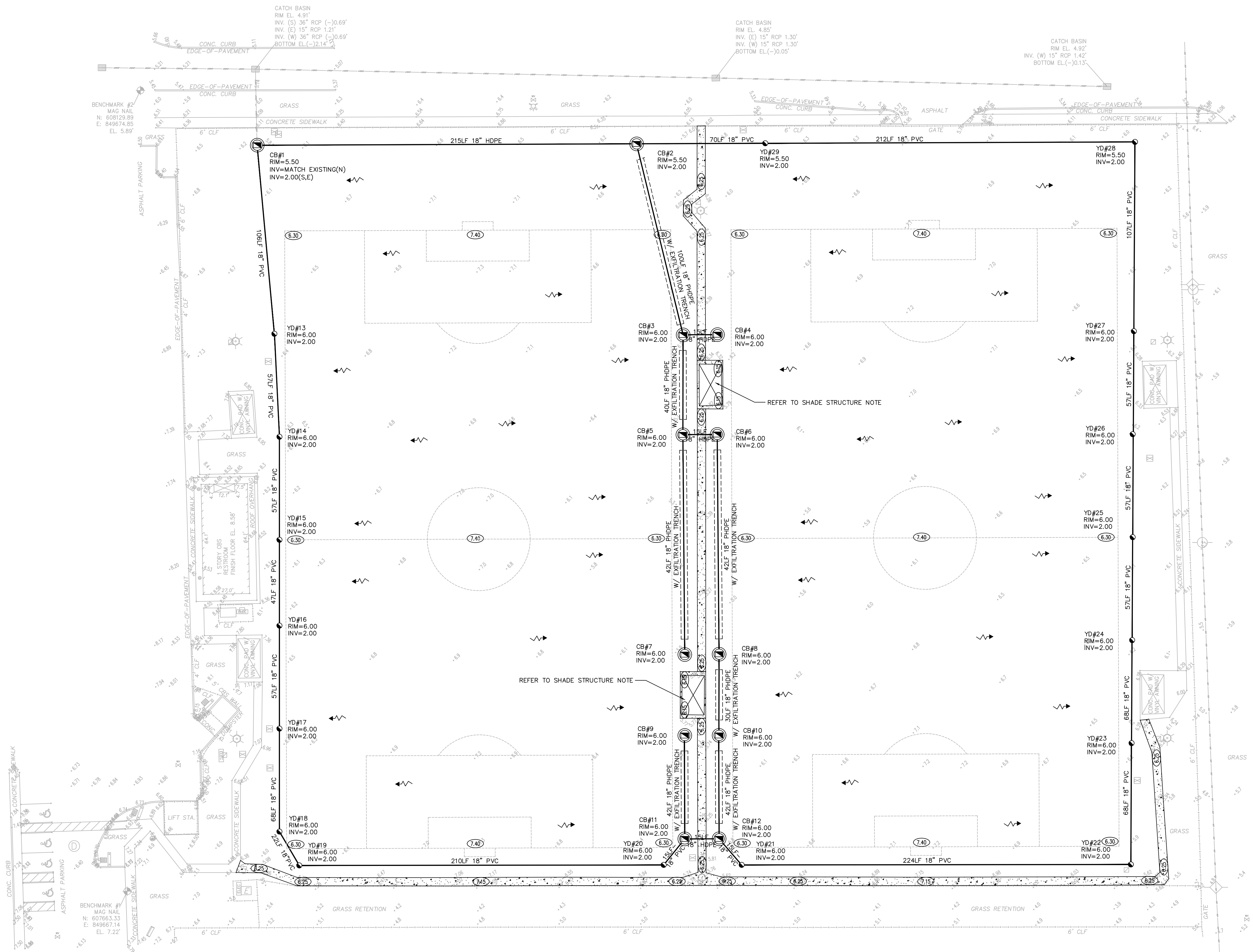


Revisions	
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DOCUMENTS

SEAL

Scale: 1"=30'	Date 05/05/20
Job No. 21-1626.00	Plot Date 06/03/21
Drawn by DRS	Sheet No. <b>C1</b>
Proj. Mgr. DRS	
Appr. by DRS	2 of 4



- LEGEND:**
- |          |  |          |   |
|----------|--|----------|---|
| (0.00)   | PROPOSED ELEVATION (NAVD)  | ●        | PROPOSED MANHOLE                                |
| +5.32    | EXISTING ELEVATION (NAVD)  | -W-      | WATER MAIN                                      |
| [Symbol] | PROPOSED CATCH BASIN   | -FM-     | SANITARY FORCE MAIN                             |
| [Symbol] | PROPOSED PLUG  | [Symbol] | VALVE   |
| [Symbol] | TEE  | [Symbol] | FIRE HYDRANT                                    |
| [Symbol] | WATER METER  | [Symbol] | SIAMESE CONNECTION                              |
| [Symbol] | DOUBLE DETECTOR CHECK W/ WAFER<br>CHECK VALVE ON DOWNSTREAM SIDE | [Symbol] | CLEANOUT  |
| [Symbol] | REDUCED PRESSURE<br>BACKFLOW PREVENTOR                           | [Symbol] | EDGE OF PROPOSED PAVEMENT<br>(ASPHALT)          |
| [Symbol] | DIRECTIONAL FLOW ARROW<br>AND GRAVITY SEWER                      | [Symbol] | DIRECTION OF SURFACE DRAINAGE                   |
|          |  | [Symbol] | SAMPLE POINT                                    |
|          |  | -W-      | EXIST. WATER MAIN                               |
|          |  | -W-X-    | EXIST. UTILITY LINE TO BE<br>ABANDONED IN PLACE |

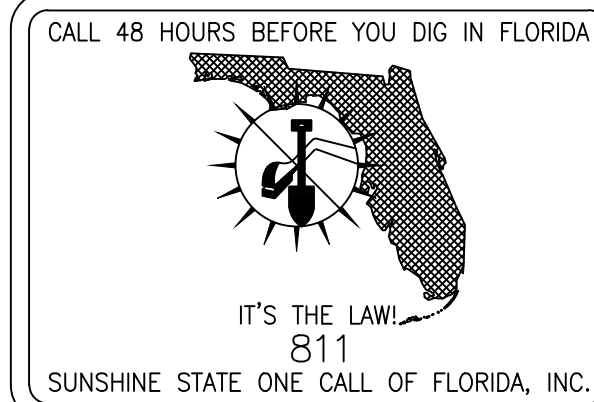
SITE IS WITHIN THE SBDD S-5 BASIN  
S-5 BASIN CWE= ELEV. 2.74 NAVD (4.25 NGVD)

**GRADING AND DRAINAGE NOTES:**

- ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF PEMBROKE PINES.
- AT LEAST 48 HOURS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CALL 811 FOR LOCATIONS OF ALL UTILITY COMPANIES WITH FACILITIES IN THE AREA.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING FEATURES NOT SPECIFICALLY SHOWN FOR DEMOLITION OR RECONSTRUCTION.
- CONTRACTOR SHALL PROVIDE FITTINGS (WYES, TEE, REDUCERS, ETC.) AS REQUIRED TO FURNISH A COMPLETE WORKING SYSTEM BASED ON THE LAYOUT SHOWN ON THESE PLANS.
- FIELD AREAS SHALL BE GRADED TO DRAIN TO THE DRAINAGE INLETS AS SHOWN ON THIS PLAN.
- SLOPE ON SIDEWALKS SHALL NOT EXCEED 5% SLOPE IN DIRECTION OF TRAVEL OR 2% CROSS SLOPE. NOTIFY ENGINEER PRIOR TO CONSTRUCTION OF ANY GRADING THAT DOES NOT COMPLY WITH THIS REQUIREMENT.
- SURVEY INFORMATION BASED ON SURVEY PROVIDED BY CALVIN, GIORDANO & ASSOCIATES INC. DATED FEBRUARY 12, 2021.
- ELEVATIONS SHOWN ARE NAVD88.
- REFER TO GEOTECHNICAL REPORT PREPARED BY LANGAN FOR FOR SPECIFIC REHABILITATION SPECIFICATIONS FOR THIS PROJECT.

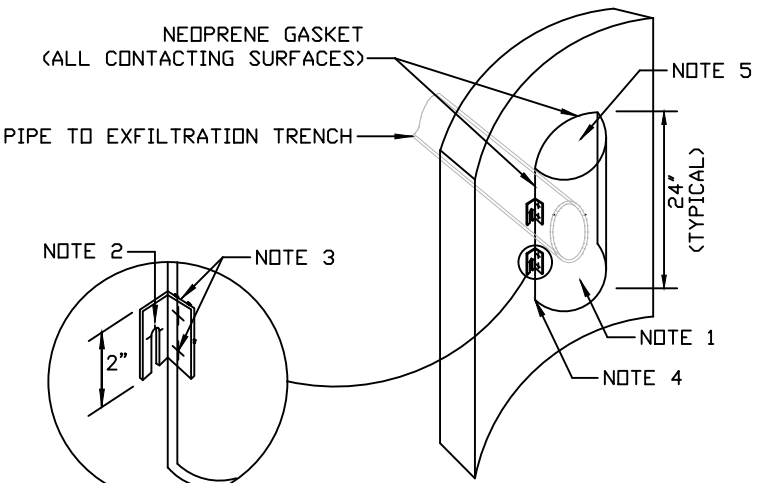
**SHADE STRUCTURE NOTE:**

EXISTING SHADE STRUCTURE TO BE REMOVED DURING CONSTRUCTION. CONTRACTOR SHALL REPLACE THE EXISTING SHADE STRUCTURE WITH A 1 TO 1 REPLACEMENT TO MATCH THE EXISTING. CONTRACTOR TO PROVIDE REQUIRED SHOP DRAWINGS SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER. THE SHOP DRAWINGS SHALL INCLUDE REQUIRED FOUNDATIONS, SHADE STRUCTURE FRAMING AND SHADE STRUCTURE FABRIC.



VERTICAL DATUM CONVERSION	
GRADING SHOWN UTILIZES N.A.V.D. 88	
N.G.V.D. 29	
N.A.V.D. 88	
N.A.V.D. 88 = N.G.V.D. 29 - 1.51'	
N.G.V.D. 29 = N.A.V.D. 88 + 1.51'	





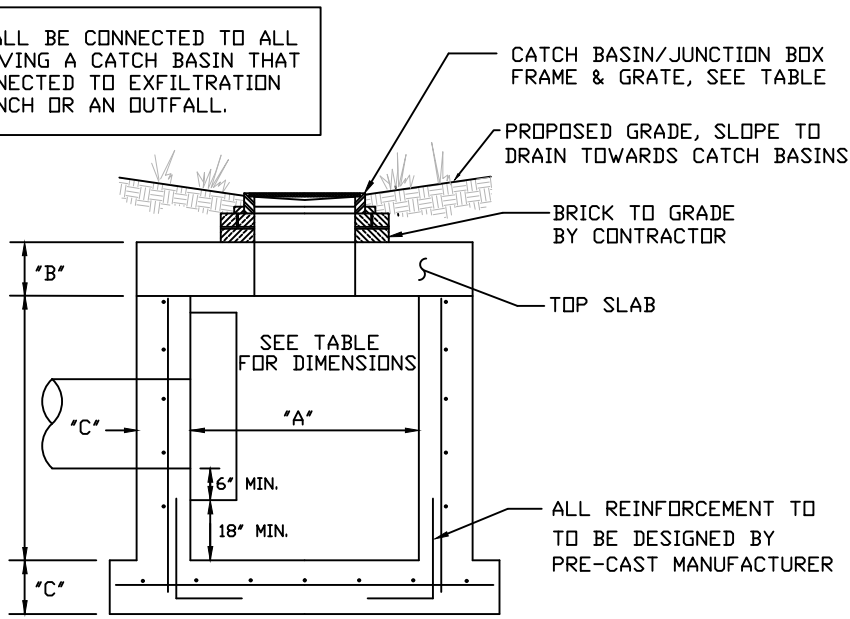
- NOTES
- SECTION OF A.C.M.P. (NEXT SIZE LARGER THAN DRAINAGE PIPE) CUT IN HALF
  - 1/2" STAINLESS STEEL ANCHOR BOLTS & NUTS
  - WELD OR 2-1/4" THRU BOLTS
  - BOTTOM OF BAFFLE TO BE MOUNTED 6" BELOW INVERT OF PIPE
  - ALUMINUM PLATE TO BE WELDED TO TOP OF PRB

**POLLUTION RETARDANT BAFFLE**

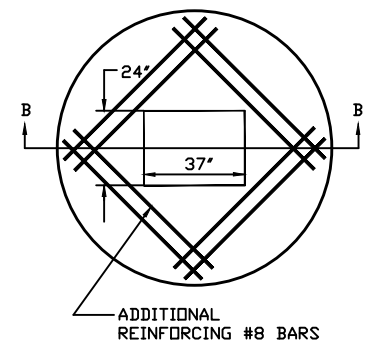
**SUMMARY OF DRAINAGE STRUCTURES**

STRUCTURES	TYPE	*A*	*B*	*C*	FRAME (U.S.F. # OR EQUAL)	GRATE (U.S.F. # OR EQUAL)
CB# _	*C*	24"x37"	8"	8"	4155	6209 CAST IRON
CB# _	*J*	4'-0" Ø	8"	8"	4155	6209 CAST IRON
CB# _	*J*	5'-0" Ø	8"	8"	4155	6209 CAST IRON
CB# _	*J*	6'-0" Ø	8"	8"	4155	6209 CAST IRON
CI# _	*C*	24"x37"	8"	8"	5130	6168 CAST IRON
CI# _	*J*	4'-0" Ø	8"	8"	5130	6168 CAST IRON
CI# _	*J*	5'-0" Ø	8"	8"	5130	6168 CAST IRON
CI# _	*J*	6'-0" Ø	8"	8"	5130	6168 CAST IRON
JB# _	*J*	4'-0" Ø	8"	8"	420	TYPE "C"
JB# _	*J*	5'-0" Ø	8"	8"	420	TYPE "C"

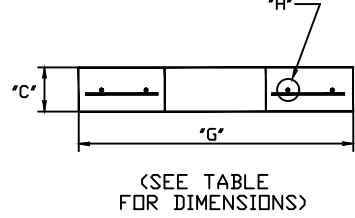
DIMENSIONS SHOWN ARE FOR USE AS A GENERAL GUIDELINE AND BY NO MEANS CONSTITUTE AN ENGINEERED DESIGN. PRE-CAST MANUFACTURER TO DESIGN AND FABRICATE STRUCTURES MEETING THE INDUSTRY STANDARD DESIGN LOADS. THE STRUCTURAL CAPACITY IS THE SOLE RESPONSIBILITY OF THE MANUFACTURER



**JUNCTION BOX/CATCH BASIN**



**PLAN**



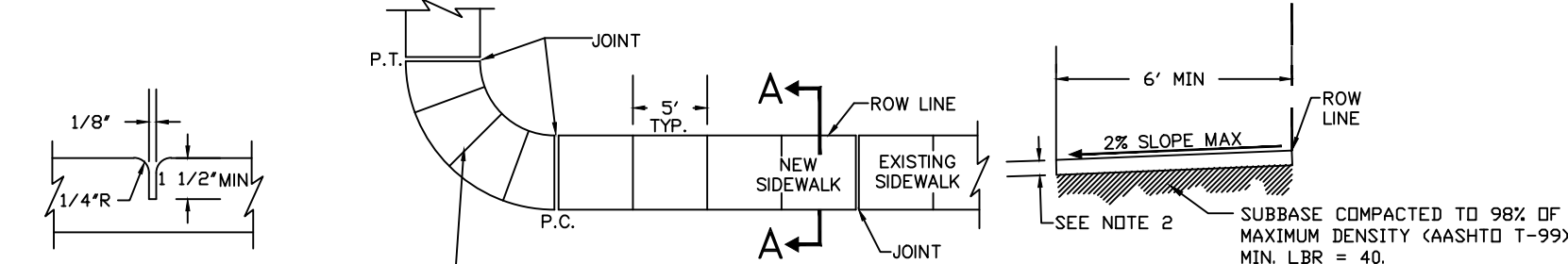
**CATCH BASIN TOP SLAB**

SPACING OF REQUIRED ROADWAY, PARKING AREA AND UTILITY TRENCH TESTS							
F.B.V.	DENSITY	L.B.R.	THICKNESS				
MAX. SPACING	MAX. SPACING	MAX. SPACING	MAX. SPACING	UN. FEET	SQ. FEET	UN. FEET	SQ. FEET
200	10,000	200	10,000	200	10,000	300	10,000
---	---	300	10,000	---	---	300	10,000
---	---	---	---	---	---	FOOT INSP.	FOOT INSP.
---	---	200	---	---	---	---	---

ALL TESTING SHALL BE TAKEN IN A STAGED SAMPLING PATTERN FROM A POINT 12" INSIDE THE LEFT EDGE OF THE ITEM TESTED TO THE CENTER, TO A POINT 12" INSIDE THE RIGHT EDGE.

**COMPACTION TEST SCHEDULE**

N.T.S.



**CONCRETE PAVEMENT & SIDEWALK JOINTS**

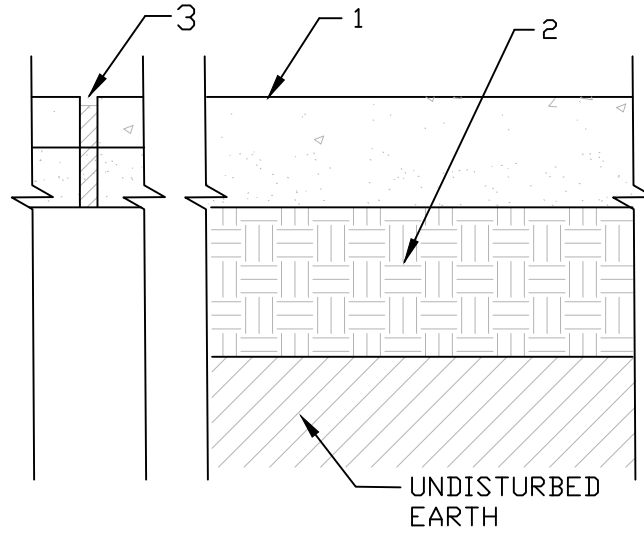
TABLE OF SIDEWALK JOINTS	
LOCATION	
P.C. AND P.T. CURVES, JUNCTION OF EXISTING AND NEW SIDEWALKS.	
5'-0" CENTER TO CENTER ON SIDEWALKS.	
15' CENTER TO CENTER MAX. FOR CONCRETE PAVEMENT UNLESS OTHERWISE INDICATED.	

NOTE: CONCRETE TO BE CLASS-1 3000 P.S.I.

- PROVIDE 1/8" CONTRACTION JOINTS AT 5' C.C. WITH A MINIMUM DEPTH 1 1/2", EDGED WITH A 1/4" RADIUS DEEP WITHIN THE FOLLOWING TIME PERIODS: JOINTS AT NOT MORE THAN 30' INTERVALS - WITHIN 12 HOURS AFTER FINISHING. REMAINING JOINTS WITHIN 96 HOURS AFTER FINISHING.
- PROVIDE 6" THICK CONCRETE FOR ALL SIDEWALKS LOCATED IN RIGHT OF WAY AND 4" THICK CONCRETE FOR ALL SIDEWALKS LOCATED ON-SITE.
- NO REINFORCEMENTS SHALL BE USED IN THE SIDEWALKS.
- CONCRETE TO BE 3,000 PSI IN 28 DAYS.
- CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE OR OTHER APPROVED METHOD.
- CONCRETE PAVEMENT FOUNDATION SHALL BE COMPACTED TO A FIRM, EVEN SURFACE, TRUE TO GRADE AND CROSS SECTION, AND SHALL BE MOIST AT THE TIME CONCRETE IS PLACED
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL CONSTRUCTION CODES AND STANDARDS

**CONCRETE PAVEMENT & SIDEWALK DETAIL**

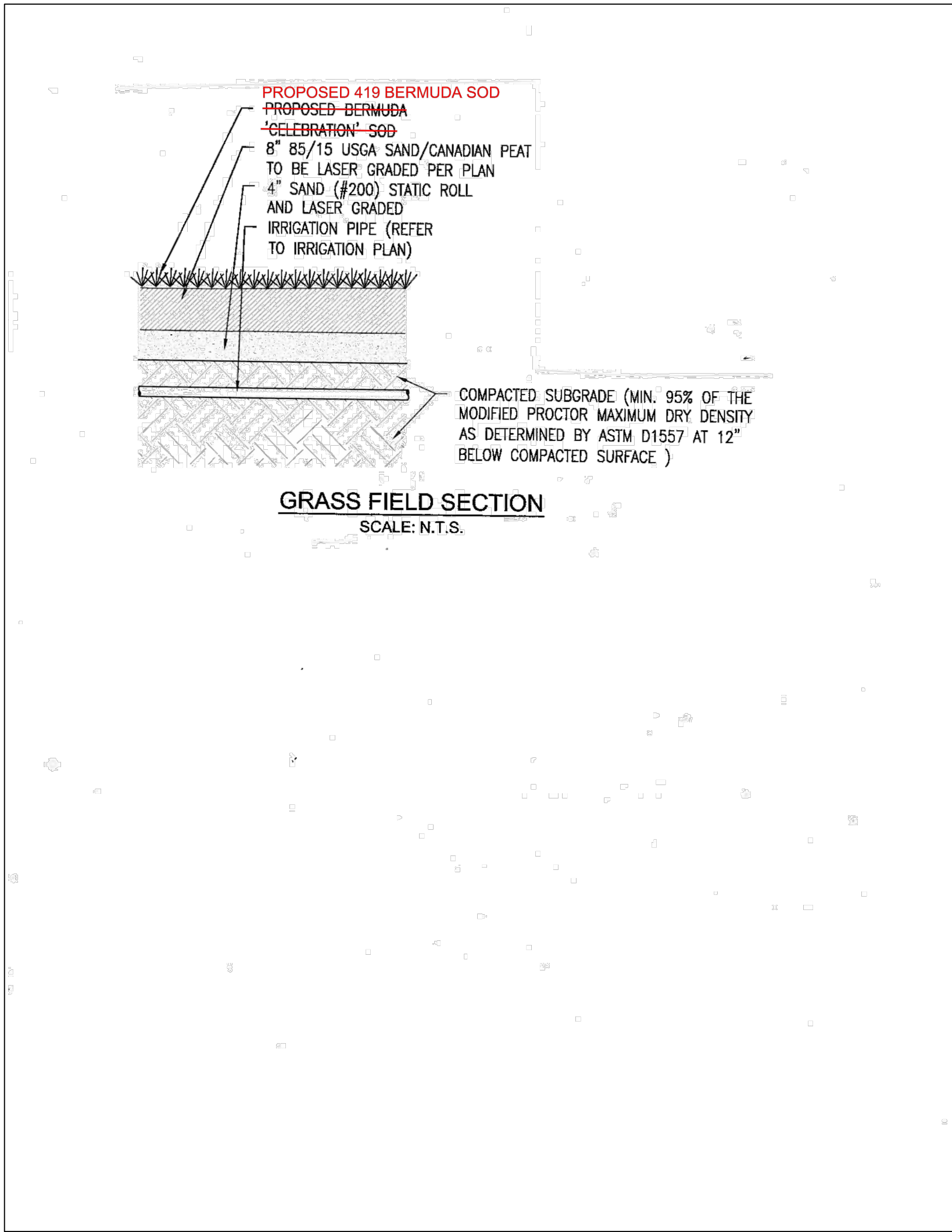
N.T.S.



- 6' - 3000 PSI CONCRETE
- 12" STABILIZED SUBBASE TO MIN LBR OF 40 & COMPACTED TO 98% MAX. DRY DENSITY (AASHTO T-180)
- SAWCUT 1/4" EXPANSION JOINT 1-1/4" DEEP @ 10' O.C. MAX.

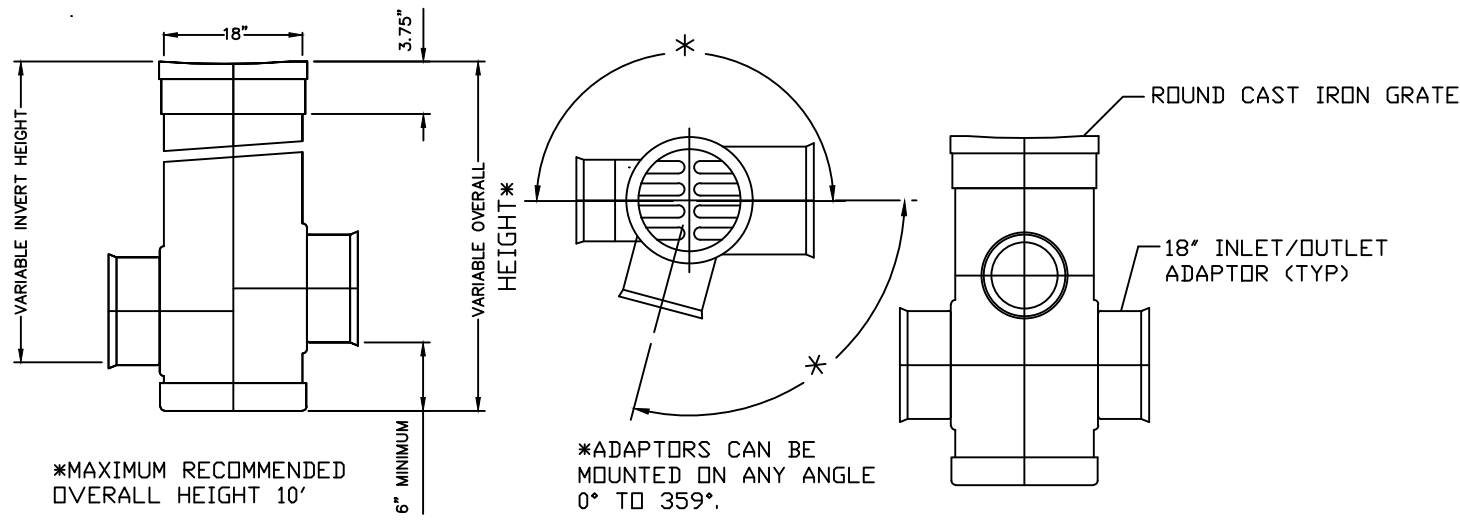
**CONCRETE PAVEMENT DETAIL**

N.T.S.



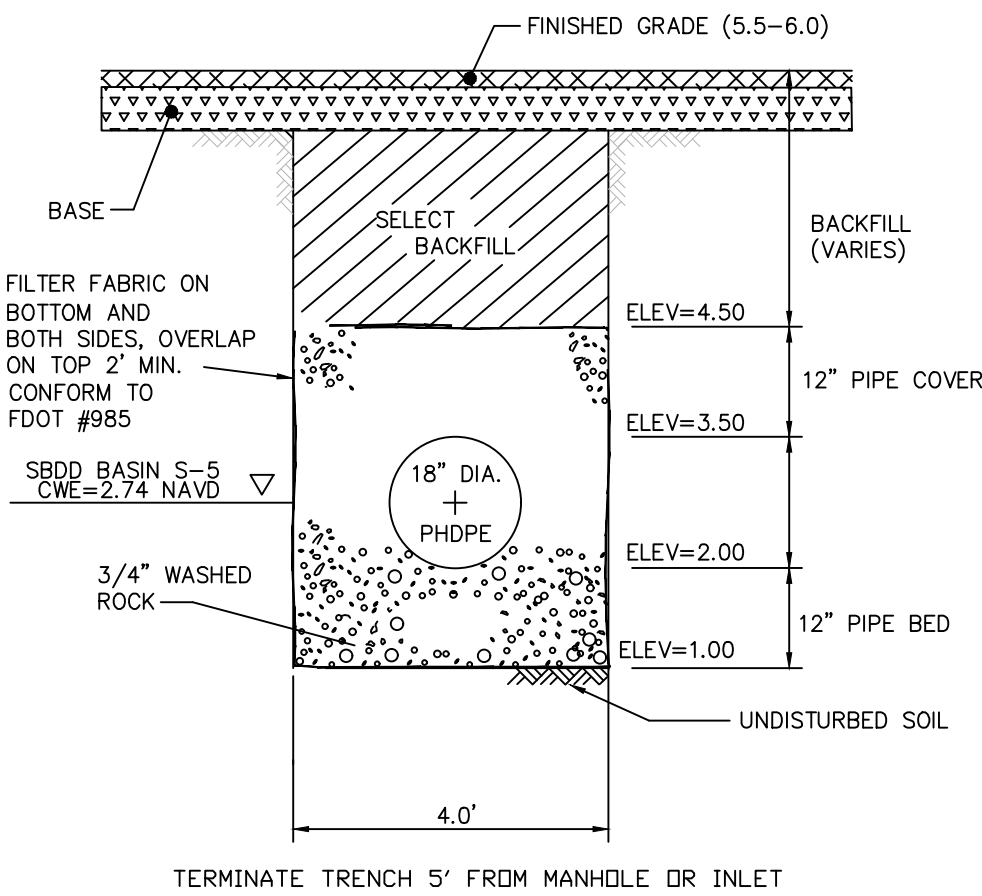
**GRASS FIELD SECTION**

SCALE: N.T.S.



**18" YARD DRAIN DETAIL**

N.T.S.



**EXFILTRATION TRENCH DETAIL**

N.T.S.

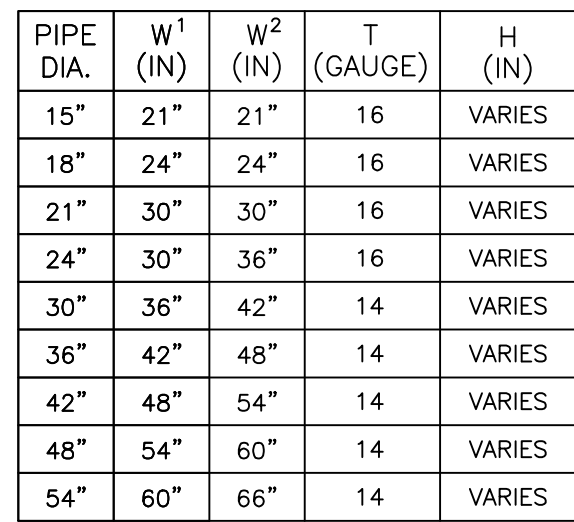
Revisions	
05/06/21	PERMIT SUBMITTALS
06/03/21	CITY PRE BID PLANS

Phase:  
PERMIT  
DOCUMENTS

SEAL

Scale: N.T.S.	Date 05/05/20
Job No. 21-1626.00	Plot Date 06/03/21
Drawn by DRS	Sheet No. <b>C2</b>
Proj. Mgr. DRS	
Appr. by DRS	2 of 4





U.S.F. FRAME & GRATE OR APPROVED EQUAL

BRICK TO GRADE  
2 COURSE MIN.  
4 COURSE MAX.

FILTER FABRIC

TIE WRAP FABRIC TO ENCLOSE END OF TRENCH AROUND PIPE

18" MIN. COVER

3/4" OR 1 1/2" BALLAST ROCK

NON WOVEN MIRAFI FILTER FABRIC

BASIN CONTROL ELEVATION

PERFORATED PIPE

12" PIPE, 6" MIN. O.D. MIN.

12" MIN

W

H

8"

24" MIN.

3" MIN.

6" MIN.

18" MIN.

3"

8"

MIN. 5'-0" CLOSED PIPE


- 

Technical drawing of a manhole or catch basin structure. The drawing shows a cross-section of the structure, which is a square or rectangular frame with a central opening. The central opening is labeled "VARIES". The frame is made of brick or masonry, and the top is covered with a "U.S. FOUNDRY RING & COVER (OR APPROVED EQUAL)". The frame is surrounded by "GROUT". The structure is set into a "BRICK TO GRADE (2 MIN - 4 MAX)". The structure is surrounded by "3/4\" WASHED ROCK". The structure is surrounded by "ADDITIONAL REINFORCING". The structure is surrounded by "HOLES FOR PIPING SHALL BE MINIMUM 6\" LARGER THAN PIPE O.D. AND SHALL BE CAST AT TIME OF FABRICATION". The structure is surrounded by "8\" MIN.". The structure is surrounded by "18\" (MIN.)". The structure is surrounded by "12\"".

Labels and dimensions:

- (FOR MANHOLE) U.S. FOUNDRY RING & COVER (OR APPROVED EQUAL)
- GROUT
- BRICK TO GRADE (2 MIN - 4 MAX)
- VARIES
- 8" MIN.
- HOLES FOR PIPING SHALL BE MINIMUM 6" LARGER THAN PIPE O.D. AND SHALL BE CAST AT TIME OF FABRICATION
- ADDITIONAL REINFORCING
- 18" (MIN.)
- 12"
- 3/4" WASHED ROCK

Diagram illustrating the Lake Maintenance Easement (LME) and Basin Control Elevation. The easement width is 20', with an 8" minimum stabilization (LBR 40). The distance from the easement to the basin control elevation is 12' minimum. The top of the bank is indicated, and the pipe size varies. The basin control elevation is marked with a 6" minimum, see Note #4.

- 
- The diagram illustrates the construction detail of a lake outfall. It shows a cross-section of the lake bed and the outfall structure. Key components and dimensions include:
- Top of Bank:** Indicated by a horizontal line at the top left.
  - Marker Buoy:** A circular buoy is shown on the water surface, connected to the outfall structure by a cable.
  - Basin Control Elevation:** A horizontal line with a triangle symbol, indicating the water level control point.
  - Stainless Steel Eyebolt:** A vertical bolt is shown passing through the outfall structure, secured with a nut and washer.
  - Dimensions:**
    - A horizontal dimension of 20' is shown from the top of the bank to the start of the outfall structure.
    - A horizontal dimension of 4' is shown from the start of the outfall structure to the marker buoy.
    - A vertical dimension of 2' MIN. is shown from the basin control elevation to the top of the outfall structure.
    - A vertical dimension of 2' MIN. is shown from the bottom of the outfall structure to the lake bed.
    - A horizontal dimension of 5' MAX. is shown from the bottom of the outfall structure to the marker buoy.
  - Labels:**
    - PIPE SIZE VARIES
    - MARKER BUOY
    - BASIN CONTROL ELEVATION
    - STAINLESS STEEL EYEBOLT

- 
- Diagram illustrating the cross-section of a waterway structure, showing dimensions and labels:
- LAKE MAINTENANCE EASEMENT:** 20' (Total width), 20' - L (Left side), L (Right side) (SEE TABLE BELOW).
  - MINIMUM:** 12' (Right side).
  - 8" MINIMUM STABILIZATION (MIN LBR 40):** Indicated on the left side.
  - TOP OF BANK (T.O.B.):** (SEE TABLE BELOW, 6.0' NGVD MINIMUM).
  - BASIN CONTROL ELEVATION (B.C.E.):** (SEE TABLE BELOW).
  - ANGLE OF REPOSE OF MATERIAL EXCAVATED:** Indicated on the right side.
  - MINIMUM 10' WATER DEPTH:** Indicated on the right side.
  - MAXIMUM WATER DEPTH TO BE DETERMINED BY SEWD:** Indicated on the right side.

BASIN No.	B.C.V. (FT-NGVD)	T.O.B. (FT-NGVD)	L (FT)	BASIN No.	B.C.E. (FT-NGVD)	T.O.B. (FT-NGVD)	L (FT)
S-1	2.50	6.50	16.00	S-8	3.50	6.00	10.00
S-2 & S-7	2.70	6.00	13.20	S-9 & S-10	4.00	6.50	10.00
S-3	3.00	6.50	14.00		3.50	6.50	12.00
S-4	3.50	6.00	10.00		4.00	6.50	10.00
S-5	4.00	6.00	8.00	S-12	3.00	6.50	14.00
S-5	4.25	6.50	9.00	S-13	3.00	6.50	14.00
S-5	4.50	6.50	8.00				

Diagram illustrating the construction details of a rock-filled culvert. The culvert is shown in cross-section, embedded in a rock mass. The culvert is labeled "PROPOSED CULVERT". The rock mass is labeled "3/4\" WASHED ROCK (No 57)". The culvert is surrounded by a layer of "FILTER FABRIC AROUND EACH JOINT". The top of the culvert is labeled "TOP OF ROCK". The bottom of the culvert is labeled "BOTTOM OF ROCK". The culvert is shown with a "PROPOSED PAVEMENT" on top, which is to be referred to the "STANDARD ENGINEERING DESIGN REQUIRED BY THE LOCAL GOVERNMENTAL AGENCY". The culvert is shown with a "12\" MIN." clearance from the top of the rock and a "12\" MIN." clearance from the bottom of the rock. The culvert is shown with a "12\" MIN." clearance from the side of the rock. The culvert is shown with a "12\" MIN." clearance from the side of the rock. The culvert is shown with a "12\" MIN." clearance from the side of the rock.

PROPOSED PAVEMENT, REFER TO  
STANDARD ENGINEERING DESIGN  
REQUIRED BY THE LOCAL  
GOVERNMENTAL AGENCY.

SELECT FILL (SEE NOTE 3)

12" MIN.

SELECT FILL (SEE NOTE 3)

FILTER FABRIC AROUND  
EACH JOINT.

TOP OF ROCK

3/4" WASHED  
ROCK (No 57)

PROPOSED CULVERT

CULVERT INVERT

BOTTOM OF ROCK

12" MIN.

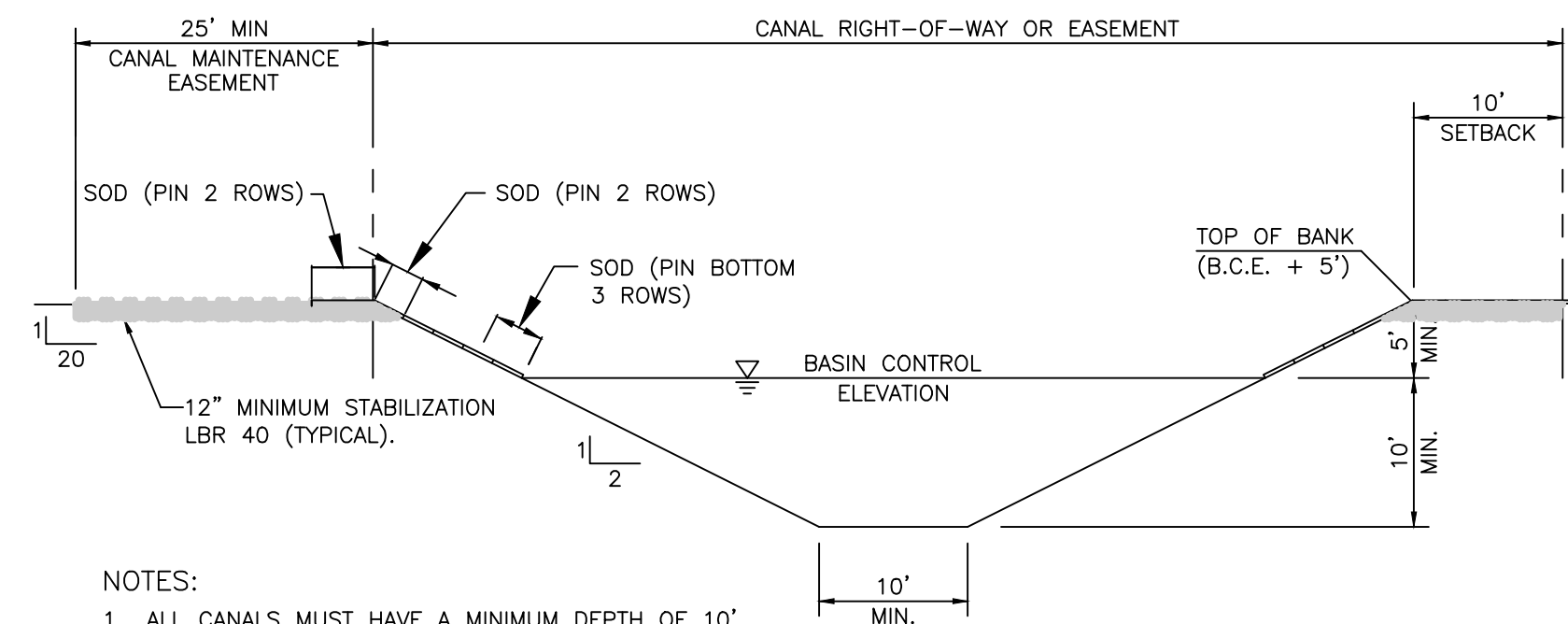
12" MIN.

NOTES

- 

- 
- Diagram illustrating the construction details for a pipe crossing a wall, showing the pipe, flexible pipe, and concrete structure.
- Labels and Dimensions:
- BITUMINOUS COATING REQUIRED FOR CAP (ANY SUITABLE BITUMINOUS MATERIAL MAY BE FIELD APPLIED)
  - FLEXIBLE PIPE (CORRUGATED STEEL, CORRUGATED ALUMINUM OR CORRUGATED POLYETHYLENE)
  - CLASS I CONCRETE
  - 6"
  - 12"
  - 12"
  - 12"
  - FLOW →

- UPDATED 3/26/2015

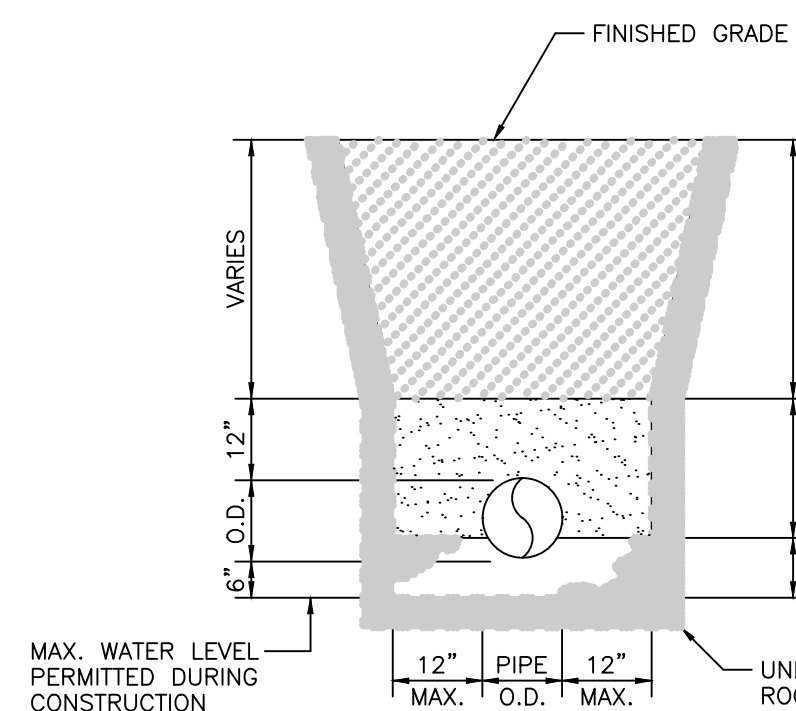


- 
- 20' MIN  
CANAL MAINTENANCE  
EASEMENT
- 5' SETBACK
- SOD (PIN 2 ROWS)
- SOD (PIN 2 ROWS)
- SOD (PIN BOTTOM  
3 ROWS)
- TOP OF BANK SET AT  
10 YEAR 3 DAY STAGE.  
MIN. ELEV 6.0 NGVD
- 1' 20"
- 12" MINIMUM STABILIZATION  
LBR 40 (TYPICAL).
- 1' 2"
- BASIN CONTROL  
ELEVATION
- 10' MIN.
- 10' MIN.
- NOTES:  
1. ALL CANALS MUST HAVE A MINIMUM DEPTH OF 10'

- 
- Diagram illustrating the cross-section of a sloped bank with the following components and dimensions:
- VARIES**: Dimension for the top horizontal section.
  - 20'**: Dimension for the **LAKE MAINTENANCE EASEMENT** section.
  - 12'**: Dimension for the **MINIMUM** section.
  - EDGE OF PAVEMENT**: Point on the top surface.
  - TOP OF BANK**: Point on the top surface.
  - 8" MINIMUM COMPACTED LIMEROCK BASE SODDED WITH ST. AUGUSTINE IN RESIDENTIAL AREAS OR BAHIA IN NON-RESIDENTIAL AREAS**: Layer on the left side.
  - 8" LIMEROCK BASE OR EROSION CONTROL MAT (GEO-WEB OR APPROVED EQUAL)**: Layer on the right side.
  - BASIN CONTROL ELEVATION**: Indicated by a triangle symbol.
  - ANGLE OF REPOSE**: Indicated by an arrow pointing to the slope.
  - 1/20** and **1/4**: Slope ratios for different sections.
- NOTES:  
 1. MINIMUM OF FOUR FEET(S) WIDE OR IDENTICAL

- NOTES:
1. LOCATION OF BOAT RAMP(S) MUST BE IDENTIFIED, INSPECTED AND APPROVED BY SBDD PRIOR TO CONSTRUCTION
  2. SLOPE DETAILS AS OUTLINED ABOVE MUST BE INSPECTED AND APPROVED BY THE DISTRICT PRIOR TO INSTALLATION OF EROSION CONTROL MAT.
  3. UPON COMPLETION OF BOAT RAMP, DISTRICT MUST BE NOTIFIED FOR FINAL APPROVAL.
  4. BOAT RAMP MUST INTERSECT ADJACENT ROAD AND WATER BODY AT 90° ANGLE UNLESS OTHERWISE APPROVED.
  5. THE BOAT RAMP(S) MUST BE MINIMUM 12' WIDE.
  6. PROVIDE DROP CURB AT PAVEMENT WHERE APPLICABLE.
  7. FOR BOAT RAMP CONSTRUCTED ON AN SBDD CANAL A SLOPE OF 3:1 CAN BE USED FROM EDGE OF WATER UP TO TOP OF BANK.
  8. BOAT RAMPS SHALL BE CONSTRUCTED OF LIKEROCK OR EROSION CONTROL MAT, AT THE DISCRETION OF THE DISTRICT.
  9. IF SBDD OPTS FOR AN EROSION CONTROL MAT, THE MAT SHALL BE FILLED WITH AT LEAST 4" OF 3/4" ROCK.

BOAT RAMP DETAIL



6. BACKFILL MATERIAL SHALL BE NON-COHESIVE AND NON-PLASTIC SOIL THAT IS FREE OF ALL DEBRIS, LUMPS, WOOD BROKEN PAVING OR ANY ORGANIC OR UNSUITABLE MATERIAL. BACKFILL MATERIAL PLACED WITHIN 12" OF THE PIPE SHALL CONTAIN NO ROCKS OR STONES LARGER THAN 3-1/2" INCHES IN DIAMETER. NO ROCKS OR STONES LARGER THAN 6" IN DIAMETER WILL BE PERMITTED IN THE REMAINING BACKFILL UNLESS OTHERWISE SPECIFIED.

7. TRENCH BACKFILL SHALL BE COMPACTED TO NOT LESS THAN 90 PERCENT OF THE MAXIMUM DRY DENSITY DETERMINED BY AASHTO T-180. BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE TO THE STANDARD ENGINEERING DESIGN REQUIRED BY THE LOCAL GOVERNMENTAL AGENCY.

NOTES:

  1. A CONCRETE JACKET SHALL NOT BE USED TO JOIN:
    - a) METAL PIPE OF DISSIMILAR MATERIALS.
    - b) FLEXIBLE PIPE WHEN THE MAXIMUM COVER REQUIRED IN ACCORDANCE WITH F.D.O.T. INDEX NO. 205 CANNOT BE OBTAINED.
  2. OPTIONAL FOR LAKE OR CANAL OUTFALL.
  3. WHEN USED FOR LAKE OUTFALL, JACKET SHALL BE CENTERED 8' LANDWARD OF THE BASIN CONTROL ELEVATION.

**FLYNN**  
ENGINEERING

241 COMMERCIAL BLVD., LAUDERDALE-BY-THE-SEA, FL. 33308  
PHONE: (954) 522-1004 | [WWW.FLYNNENGINEERING.COM](http://WWW.FLYNNENGINEERING.COM)  
EB# 6578

Sheet Title

Sheet Title

WEST PINES SOCCER PARK  
FIELDS 5 AND 6

Job Title

## Revisions

[illegible]

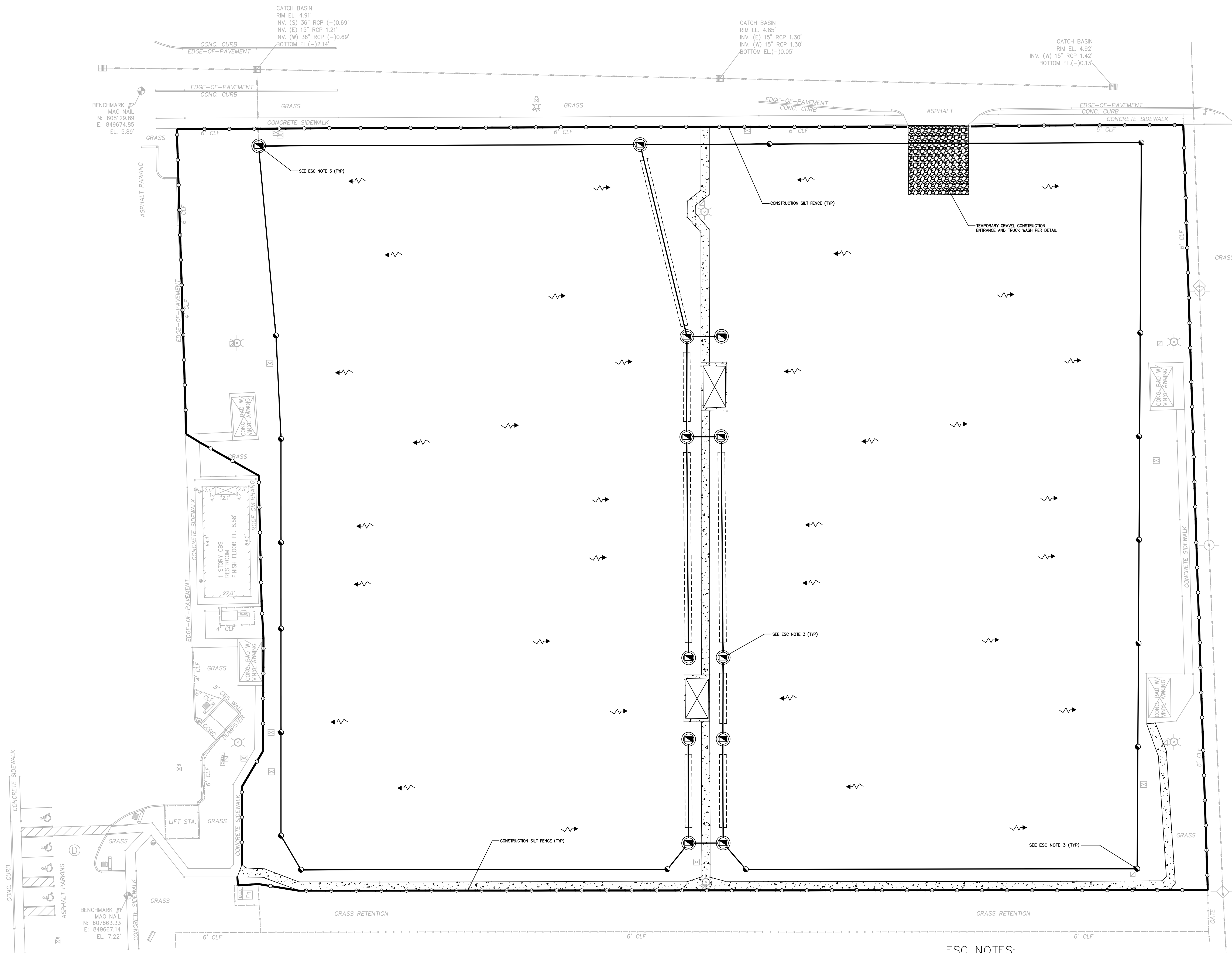
Phase:  
PERMITTING  
DOCUMENTS

SEAL

11

Scale: NTS	Date 06/03/21
Job No. 21-1626.00	Plot Date 06/03/21
Drawn by DRS	Sheet No.  <b>C3</b>
Proj. Mgr. DRS	
Appr. by DRS	





ESC NOTES:

- THIS PLAN REFLECTS THE ENGINEER'S SUGGESTION FOR EROSION AND SEDIMENT CONTROL. SITE OPERATOR TO MODIFY PLAN AS NEEDED TO MAINTAIN "BEST MANAGEMENT PRACTICES" DURING CONSTRUCTION.
- AT ALL TIMES DURING CONSTRUCTION, ALL STORMWATER MUST REMAIN ONSITE. NO DISCHARGE INTO THE PUBLIC RIGHT OF WAY OR ADJOINING PROPERTIES IS ALLOWED.
- DRAINAGE STRUCTURES INSTALLED TO BE PROTECTED WITH FILTER FABRIC AND/OR PERIMETER SILT FENCE.
- PROVIDE FILTER FABRIC OR OTHER METHOD OF SEDIMENT PROTECTION FOR ANY EXISTING CATCH BASIN/INLET WITHIN 100 FEET OF THE PROJECT AREA.
- ANY SEDIMENT THAT IS TRACKED ONTO ROADS MUST BE SWEEPED UP IMMEDIATELY.
- SEDIMENT SHALL NOT BE REMOVED BY WASHING/FLUSHING WITH WATER AT THE RIGHT OF WAY.
- CONTRACTOR RESPONSIBLE FOR FDEP NPDES REQUIREMENTS INCLUDING FILING OF THE NOI, MAINTAINING THE LOG BOOK ONSITE DURING CONSTRUCTION, AND FILING OF THE NOI UPON COMPLETION. SEE NPDES NOTE FOR ADDITIONAL INFO..

**NPDES**

ALL PROJECTS THAT WILL RESULT IN THE DISTURBANCE OF 1 OR MORE ACRES OF LAND CONTRACTORS ARE REQUIRED TO SUBMIT A STORM WATER NOTICE OF INTENT (DEP FORM 62-621.300(4)(b)) 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, NPDES STORMWATER PROGRAM, 2600 BLAIR STONE ROAD MAIL STATION 2510, TALLAHASSEE, FL 32399-2400. ADDITIONAL DETAILS ARE AVAILABLE AT WWW.DEP.STATE.FL.US/WATER/STORMWATER/NPDES

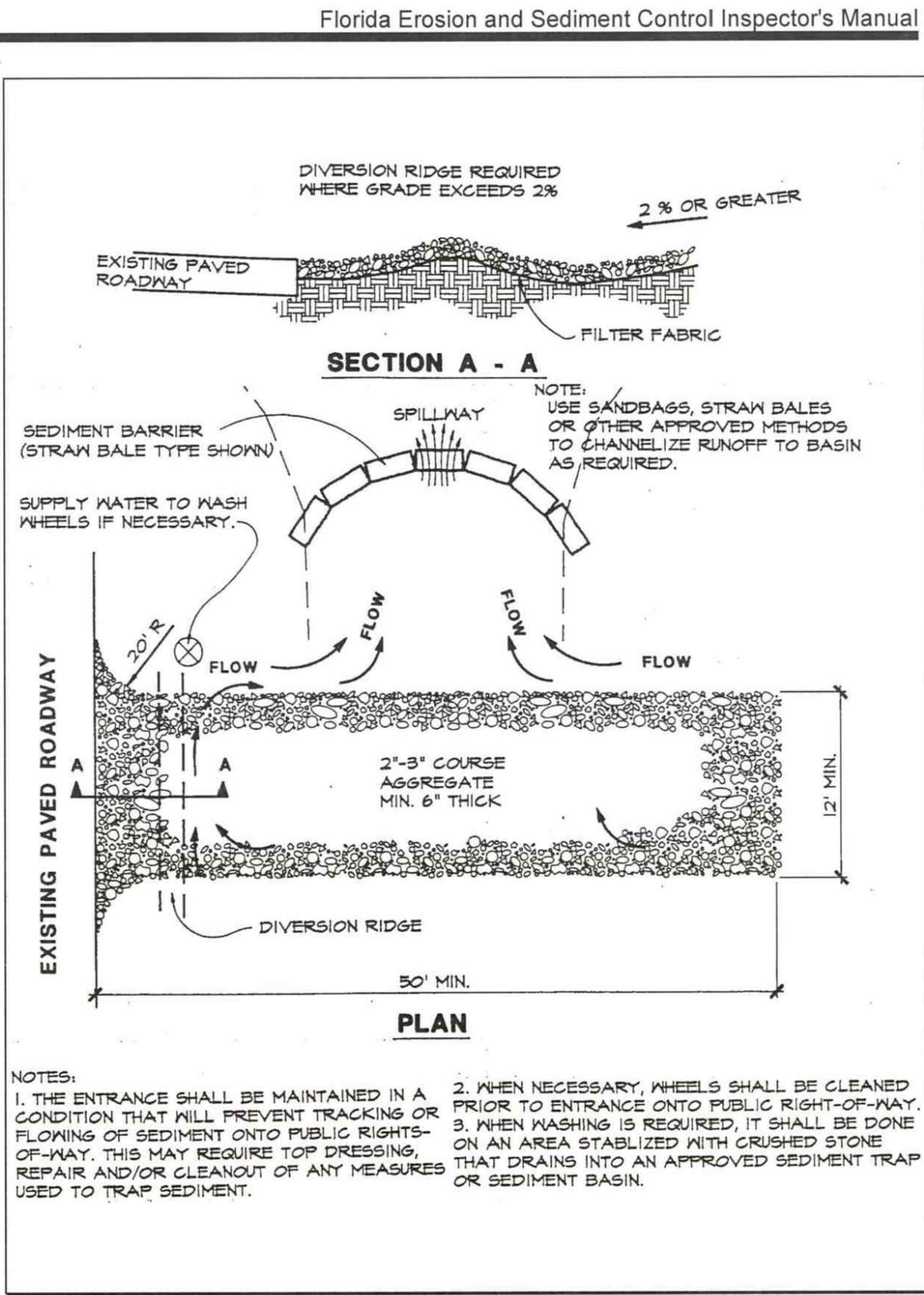


Plate 4.03a Temporary Gravel Construction Entrance  
Source: Erosion Draw

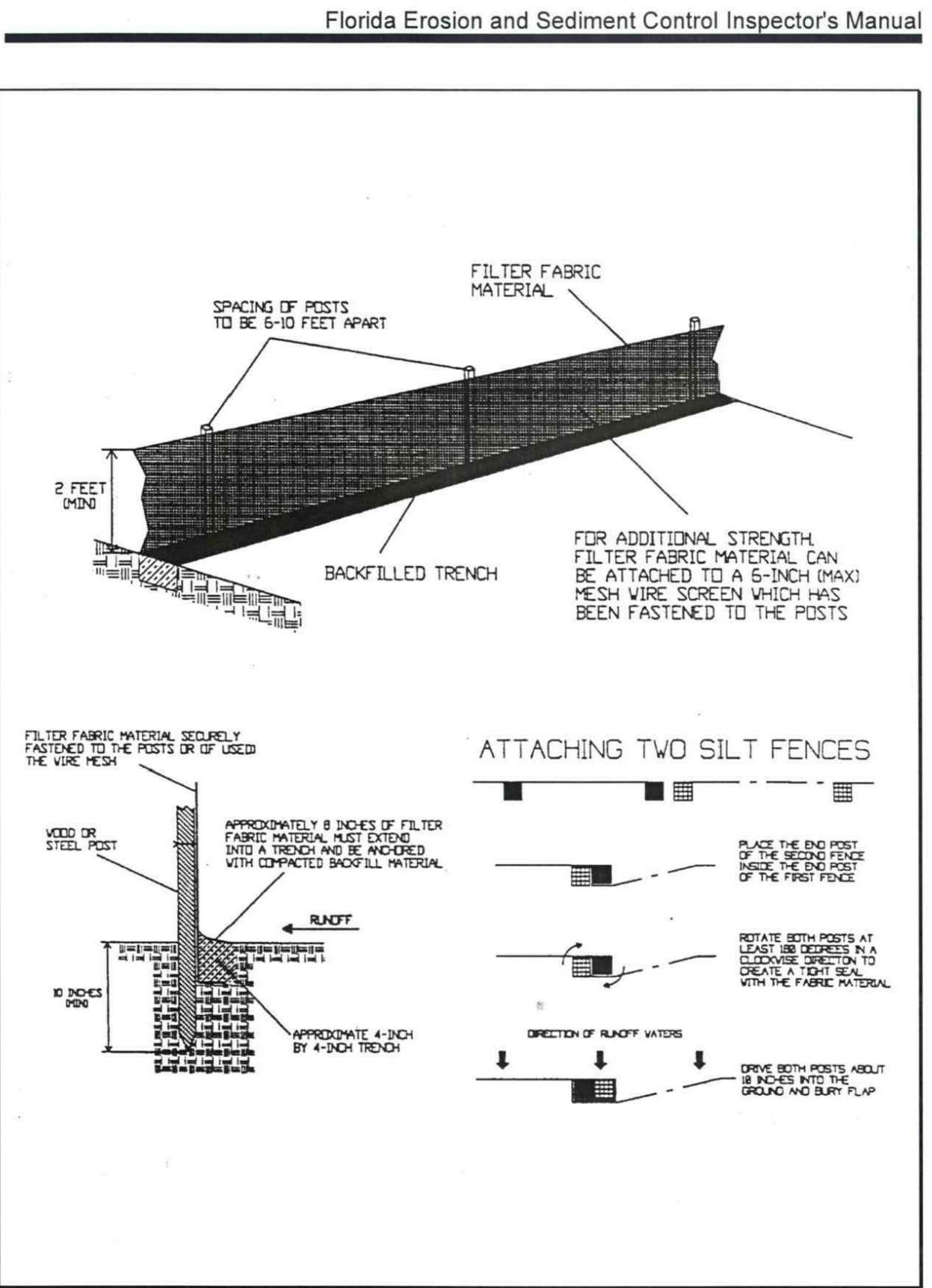


Plate 4.06d Installing a Filter Fabric Silt Fence  
Source: HydroDynamics, Inc.



Revisions	
1	
2	
3	
4	
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8	
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Phase:  
PERMIT  
DOCUMENTS

SEAL

Scale: 1"=30'	Date 05/05/20
Job No. 21-1626.00	Plot Date 06/03/21
Drawn by DRS	Sheet No. <b>ESC</b>
Proj. Mgr. DRS	
Appr. by DRS	4 of 4







# LEGEND

SYMBOL	MODEL NO.	DESCRIPTION	QTY.
11V	1804-PRS-12V	RAIN BIRD 4" POP-UP SPRAY SPRINKLER	02
120	1804-PRS-120	RAIN BIRD 4" POP-UP SPRAY SPRINKLER	02
12T	1804-PRS-12T	RAIN BIRD 4" POP-UP SPRAY SPRINKLER	01
11A	5004-PL-PC-11A	RAIN BIRD 4" POP-UP ROTOR SPRINKLER	02
2A	5004-PL-PC-2A	RAIN BIRD 4" POP-UP ROTOR SPRINKLER	05
3A	5004-PL-PC-3A	RAIN BIRD 4" POP-UP ROTOR SPRINKLER	03
2	5004-PL-PC-2	RAIN BIRD 4" POP-UP ROTOR SPRINKLER	08
3	5004-PL-PC-3	RAIN BIRD 4" POP-UP ROTOR SPRINKLER	05
8	5004-PL-PC-8	RAIN BIRD 4" POP-UP ROTOR SPRINKLER	02
10	F4-PC-10	RAIN BIRD 4" POP-UP ROTOR SPRINKLER	04
18	F4-PC-18	RAIN BIRD 4" POP-UP ROTOR SPRINKLER	04
1800	8555-06-56	TORO VHI ROTOR SPRINKLER	56
300-BEP	300-BEP	RAIN BIRD 3" SOLENOID VALVE	08
IC-4200-M	IC-4200-M	HUNTER AUTOMATIC CONTROLLER	01
NOT SHOWN		DIRECT BURIAL UF WIRE	
		#12 AWG VALVE COMMON	4,500 LF
		#14 AWG VALVE CONTROL	34,000 LF
		SDR 21 CLASS 200 PVC	
		6" MAIN	20 LF
		4" MAIN	2,000 LF
		SCH 40 PVC	
		3" LATERALS	40 LF
		2" LATERALS	3,200 LF
		1 1/2" LATERALS	200 LF
		1 1/4" LATERALS	250 LF
		1" LATERALS	280 LF
		3/4" LATERALS	500 LF
NOT SHOWN		SCH 80 PVC	AS REQUIRED
		FITTINGS	
		GATE VALVE (TO LINE SIZE)	01
		VALVE BOX	09
		GROUNDING LOCATION	01
		POINT-OF-CONNECTION	AS REQUIRED

NOTES: ABOVE QUANTITIES ARE FOR COMPARISON ONLY. CONTRACTOR SHALL VERIFY PRIOR TO SUBMITTING BID. QUANTITY OF #14 AWG WIRE BASED ON ROUTING AN INDIVIDUAL WIRE TO EACH SPRINKLER, AND ON INSTALLING WIRE IN PIPE TRENCHES.

## ZONE SUMMARY CHART

VALVE NO.	SPRINKLER TYPE	VALVE SIZE	WATER DEMAND	RUN TIME
1	PC ROTOR	VH	80 GPM	75 MIN/WK
2	PC ROTOR	VH	80 GPM	75 MIN/WK
3	PC ROTOR	VH	80 GPM	75 MIN/WK
4	FC ROTOR	VH	80 GPM	150 MIN/WK
5	FC ROTOR	VH	80 GPM	150 MIN/WK
6	FC ROTOR	VH	80 GPM	150 MIN/WK
7	FC ROTOR	VH	80 GPM	150 MIN/WK
8	FC ROTOR	VH	80 GPM	150 MIN/WK
9	FC ROTOR	VH	80 GPM	150 MIN/WK
10	FC ROTOR	VH	80 GPM	150 MIN/WK
11	PC ROTOR	VH	80 GPM	75 MIN/WK
12	FC ROTOR	VH	80 GPM	150 MIN/WK
13	FC ROTOR	VH	80 GPM	150 MIN/WK
14	FC ROTOR	VH	80 GPM	150 MIN/WK
15	PC ROTOR	VH	80 GPM	75 MIN/WK
16	PC ROTOR	VH	80 GPM	75 MIN/WK
17	FC ROTOR	VH	80 GPM	150 MIN/WK
18	FC ROTOR	VH	80 GPM	150 MIN/WK
19	FC ROTOR	VH	80 GPM	150 MIN/WK
20	FC ROTOR	VH	80 GPM	150 MIN/WK
21	FC ROTOR	VH	80 GPM	150 MIN/WK
22	FC ROTOR	VH	80 GPM	150 MIN/WK
23	FC ROTOR	VH	80 GPM	150 MIN/WK
24	FC ROTOR	VH	80 GPM	150 MIN/WK
25	FC ROTOR	VH	80 GPM	150 MIN/WK
26	FC ROTOR	VH	80 GPM	150 MIN/WK
27	FC ROTOR	VH	80 GPM	150 MIN/WK
28	FC ROTOR	VH	80 GPM	150 MIN/WK
29	FC ROTOR	VH	80 GPM	150 MIN/WK
30	FC ROTOR	VH	80 GPM	150 MIN/WK
31	EXISTING	3"	75 GPM	150 MIN/WK
32	EXISTING	3"		
33	EXISTING	3"		
34	EXISTING	3"		
35	EXISTING	3"		
36	EXISTING	3"		

\* TO APPLY 1.0 IN/WK.

## IRRIGATION NOTES & SPECIFICATIONS

AUTOMATIC IRRIGATION SYSTEM  
WATER DEMAND / ZONE  
WATER SOURCE  
PUMPING CAPACITY

REFER TO PLAN  
EXISTING SYSTEM  
320 GPM @ 80 PSI

## GENERAL

IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES, CONTRACT DRAWINGS AND SPECIFICATIONS, AND APPENDIX "F" OF THE FLORIDA BUILDING CODE.

IRRIGATION DESIGN BASED ON HOLLAND ENGINEERING SITE PLAN, AS-BUILT OF THE EXISTING SYSTEM, AND INFORMATION PROVIDED BY CITY MAINTENANCE PERSONNEL.

THIS IRRIGATION PLAN SHALL BE USED AS A GUIDE ONLY. CONTRACTOR SHALL INSTALL IRRIGATION TO MATCH LANDSCAPING, SIDEWALKS, ETC., AND TO OVERCOME THE INHERENT INACCURACIES THAT RESULT WHEN DESIGNING FROM BASE PLANS SCALED AT 1"= 30'.

THIS SYSTEM HAS BEEN DESIGNED AS A TYPICAL BLOCK VALVE TYPE USING TORO AND RAIN BIRD SPRINKLERS, RAIN BIRD SOLENOID VALVES, AND A HUNTER CONTROL SYSTEM.

THE WATER SOURCE IS THE EXISTING SYSTEM FOR THE PARK WHICH IS SUPPLIED FROM A PUMP DRAWING WATER FROM A LAKE. THE LOCATION OF THE POINT-OF-CONNECTION TO EXISTING MAIN LINE SHALL BE DETERMINED ON SITE.

CONTRACTOR IS ADVISED TO STUDY THE PLANS FOR ADDITIONAL INFORMATION AND TO VISIT THE SITE TO BECOME FAMILIAR WITH EXISTING CONDITIONS.

TO ENSURE PROPER OPERATION, VALVE SIZES, ZONE CAPACITIES, SPRINKLER SPACING, PIPE AND WIRE SIZES, INSTALLATION NOTES AND DETAILS, AND TECHNICAL SPECIFICATIONS SHALL BE FOLLOWED AS SHOWN.

## PIPING

PIPE ROUTING IS SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR ON SITE CONDITIONS.

PIPE SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND PIPE MANUFACTURER'S INSTRUCTIONS.

PIPE ROUTED UNDER HARDSCAPED AREAS SHALL BE SLEEVED IN SCH 40 PVC. EACH SLEEVE SHALL BE: (1) BURIED TO A MINIMUM DEPTH OF 18"; (2) TWO PIPE SIZES LARGER THAN THE CARRIER PIPE; AND (3) EXTENDED 3' BEYOND HARDSCAPED AREA ON EACH END. CONTRACTOR SHALL VERIFY THE SIZE, DEPTH AND LOCATION OF ALL EXISTING SLEEVES.

ALL PIPE SHALL BE TYPE 1120 PVC, PIPE 4" AND LARGER SHALL BE SDR 21, CLASS 200, PIPE 3" AND SMALLER SHALL BE SCH 40. FITTINGS SHALL BE SCH 80 PVC.

PIPE SIZED TO LIMIT FLOW VELOCITIES TO 5 FEET/SECOND AND TO LIMIT FRICTION LOSS IN THE PIPING NETWORK.

PIPE SHALL BE INSTALLED SO BACKFILL DEPTHS ARE MAINTAINED AT 24" FOR MAIN LINE AND LATERALS ROUTED UNDER PAVEMENT, AT 18" FOR MAIN LINE ROUTED IN LANDSCAPED AREAS, AND AT 12" FOR ALL OTHER LATERALS.

BACKFILL SHALL BE OF SUITABLE MATERIAL, FREE OF ROCKS, STONES, AND OTHER DEBRIS THAT WOULD DAMAGE IRRIGATION SYSTEM COMPONENTS.

A GATE VALVE SHALL BE INSTALLED FOR ISOLATION. THIS VALVE SHALL BE TO LINE SIZE AND INSTALLED IN A VALVE BOX. POROUS VALVE SHALL BE INSTALLED PER BOX TO PROMOTE DRAINAGE.

THRUST BLOCKS SHALL BE INSTALLED AT ALL DIRECTIONAL CHANGES IN THE MAIN LINE PIPING NETWORK IN ACCORDANCE WITH THE PIPE MANUFACTURER'S RECOMMENDATIONS AND THE INSTALLATION DETAIL PROVIDED.

## SPRINKLERS

SPRINKLER LOCATIONS ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR LANDSCAPING, SITE LIGHTING, PREVAILING WIND, MOUNDING, UTILITIES, ETC., TO ENSURE PROPER COVERAGE WITH MINIMAL UNDESIRABLE OVERTHROW.

SPRAY HEADS SHALL BE RAIN BIRD 1800 SERIES, FOUR INCH POP-UP TYPE WHICH SHALL BE INSTALLED ON FLEXIBLE SWING JOINTS CONSISTING OF THICKWALLED POLY PIPE AND 1/2" INSERT ELBOWS.

EACH SPRAY HEAD SHALL BE EQUIPPED WITH THE APPROPRIATE SPRAY NOZZLE AND PRESSURE REGULATED TO 30 PSI.

NON-VALVE-IN-HEAD ROTOR SPRINKLERS SHALL BE RAIN BIRD 5000 AND FALCON SERIES WHICH SHALL BE INSTALLED ON PRE-FABRICATED PVC SWING JOINTS.

VALVE-IN-HEAD SPRINKLERS SHALL BE TORO 8555, 24 VAC ELECTRIC TYPE WHICH SHALL BE INSTALLED ON PRE-FABRICATED PVC SWING JOINTS.

SPRINKLERS SHALL BE INSTALLED TO AND MAINTAINED AT THE PROPER HEIGHT TO ELIMINATE THE CHANCE OF INJURY TO THE PUBLIC.

ADJUSTMENT FEATURES OF SPRINKLERS SPECIFIED SHALL BE UTILIZED TO ENSURE PROPER COVERAGE WITH MINIMAL UNDESIRABLE OVERTHROW. LOW ANGLE, FLAT SPRAY, AND ADJUSTABLE ARC NOZZLES SHALL BE USED TO MINIMIZE OVERTHROW.

SPRINKLERS LOCATED ADJACENT TO HARDSCAPED AREAS SHALL BE INSTALLED AWAY FROM HARDSCAPED AREAS TO MINIMIZE OVERTHROW AND THE CHANCE OF DAMAGE BY VEHICLES, PEDESTRIANS, AND LAWN MAINTENANCE PERSONNEL. AS A GENERAL RULE, 4" POP-UP SPRAY HEADS SHALL BE INSTALLED IN 4", AND ROTOR HEADS SHALL BE INSTALLED IN 6".

## CONTROL SYSTEM

CONTROL SYSTEM SHALL BE A HUNTER I-CORE MODULAR SERIES ELECTRIC TYPE. ONE 42 STATION CONTROLLER SHALL ACTIVATE 8 SOLENOID VALVES AND 56 VALVE-IN-HEAD SPRINKLERS. ONE VALVE SHALL BE CONTROLLED PER STATION EXCEPT AS NOTED.

CONTROLLER SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND MANUFACTURER'S INSTRUCTIONS. PROPER GROUNDING EQUIPMENT SHALL BE PROVIDED.

CONTROLLER LOCATION SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE. A 110 VAC ELECTRIC SOURCE IS REQUIRED PER LOCATION.

CONTROL LINES FROM AUTOMATIC CONTROLLER TO IN-LINE AUTOMATIC VALVES SHALL BE #14 AWG DIRECT BURIAL FEED TYPE WHICH SHALL BE: (1) INSTALLED IN ACCORDANCE WITH LOCAL CODES, (2) BURIED TO A MINIMUM DEPTH OF 15", (3) COLOR CODED TO FACILITATE TROUBLESHOOTING, AND (4) SPLICED MOSTLY AT VALVE LOCATIONS. SPLICES SHALL BE MADE WATERPROOF USING APPROVED METHODS. SPARE WIRES SHALL BE ROUTED FROM THE CONTROLLER IN ALL DIRECTIONS TO THE FARTHEST VALVES/SPRINKLER CONTROLLED.

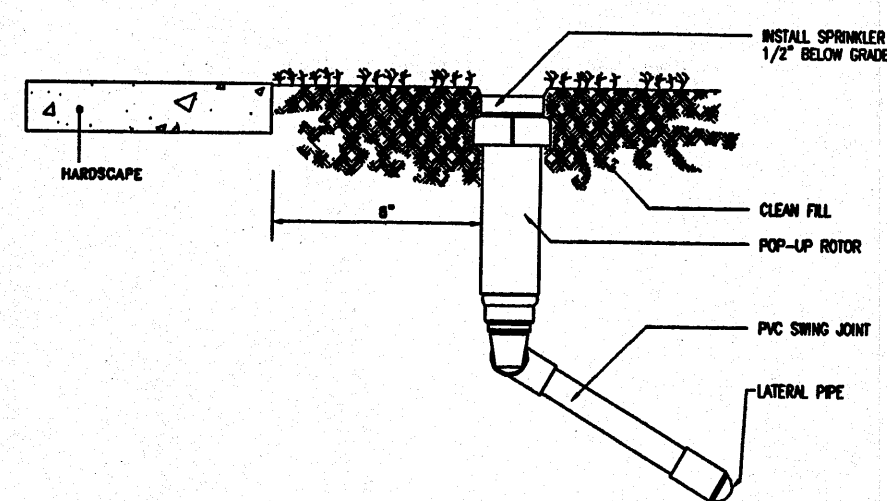
AN INDIVIDUAL CONTROL WIRE SHALL BE ROUTED TO EACH VALVE/VH SPRINKLER AND VALVES/VH SPRINKLERS WHICH OPERATE SIMULTANEOUSLY SHALL BE TIED TOGETHER AT THE CONTROLLER.

AUTOMATIC VALVE LOCATIONS ARE SCHEMATIC ONLY AND SHALL BE ADJUSTED FOR ON SITE CONDITIONS. EACH VALVE SHALL BE INSTALLED IN A VALVE BOX. A MINIMUM OF ONE CUBIC FOOT OF GRAVEL SHALL BE PROVIDED PER BOX TO PROMOTE DRAINAGE.

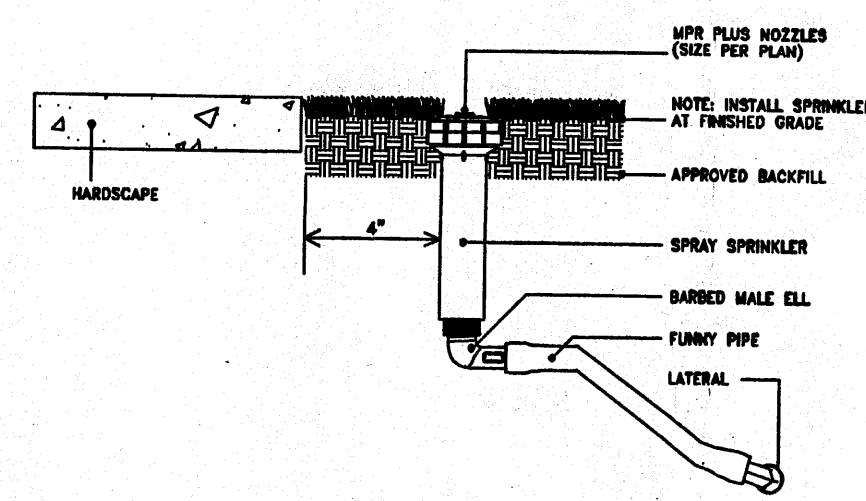
WATER CONSERVATION EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THERE IS AN EXISTING RAIN SENSOR AT THE PUMP STATION.

## TIMING AND PRECIPITATION

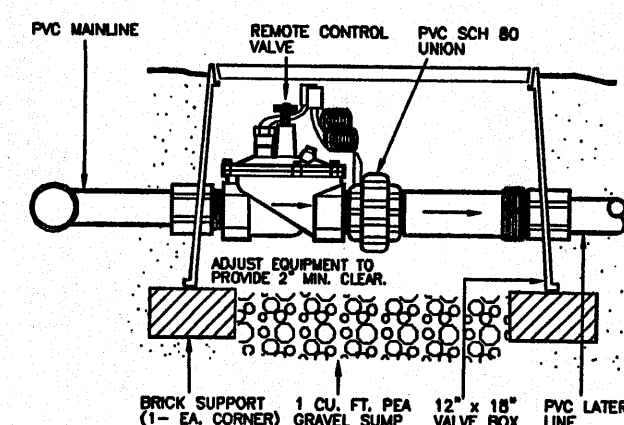
RUN TIME PER STATION SHALL BE SET IN THE FIELD TO MATCH SITE CONDITIONS. REFER TO ZONE SUMMARY CHART FOR RECOMMENDED RUN TIMES TO APPLY 1.0 IN/WK.



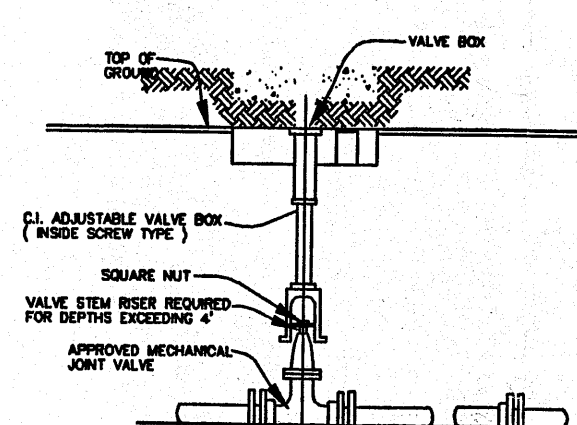
SPRINKLER DETAIL (NTS)  
POP-UP ROTOR ON PVC SWING JOINT LOCATED IN SOD OR MULCH



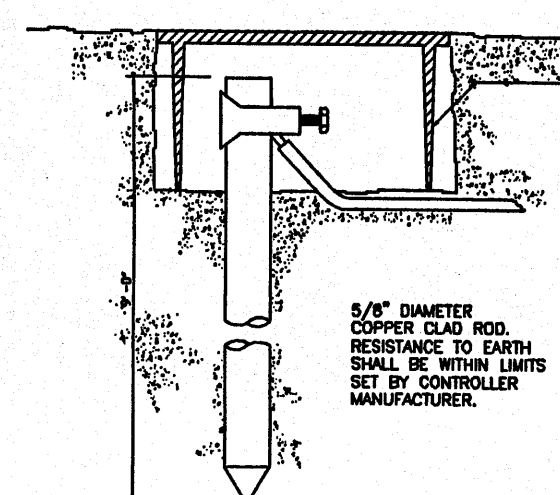
SPRINKLER DETAIL (NTS)  
POP-UP SPRAY ON POLY PIPE SWING JOINT LOCATED IN SOD OR MULCH



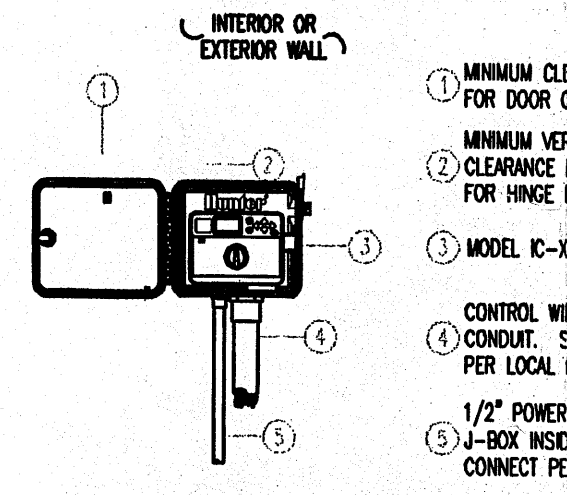
REMOTE CONTROL VALVE DETAIL  
NOT TO SCALE



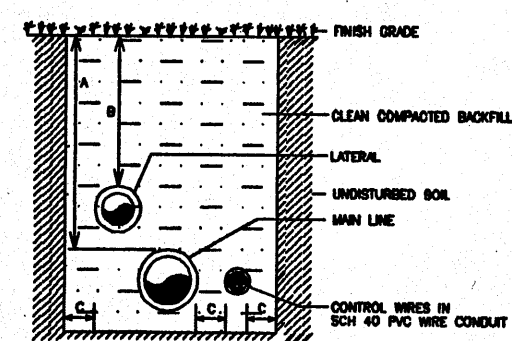
GATE VALVE DETAIL  
NOT TO SCALE



GROUNDING ROD INSTALLATION  
NOT TO SCALE



I-CORE CONTROLLER  
NOT TO SCALE

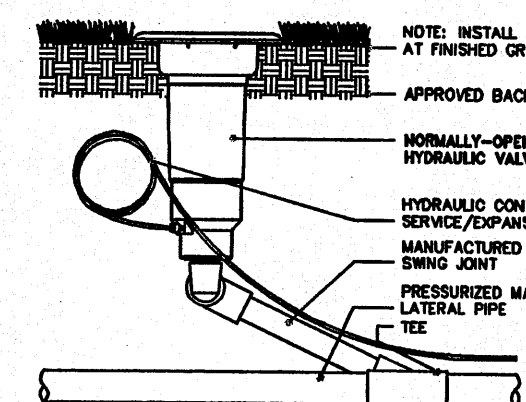


THRUST BLOCK DETAIL (NTS)  
NON-TRAFFIC AREAS

THRUST BLOCK SCHEDULE									
PVC SIZE	1"	1 1/2"	2"	3"	4"	6"	8"	10"	12"
MIN. DIST. FROM WALL	12"	12"	12"	12"	12"	12"	12"	12"	12"
MIN. DIST. FROM CURB	12"	12"	12"	12"	12"	12"	12"	12"	12"

1. THRUST BLOCK SHALL BE PLACED AGAINST UNDESIRABLE MATERIAL, MINIMUM 12" FROM CURB OR WALL, AND 12" FROM OTHER THRUST BLOCKS.
2. IF THRUST BLOCK IS USED, IT SHALL BE PLACED TO THE FULL LENGTH OF THE PIPE.
3. PLATE SHALL BE PLACED IN FRONT OF ALL PIPES BEFORE POURING THRUST BLOCK.
4. THRUST BLOCK SHALL BE PLACED AGAINST UNDESIRABLE MATERIAL, MINIMUM 12" FROM CURB OR WALL, AND 12" FROM OTHER THRUST BLOCKS.
5. CONCRETE SHALL BE 3000 PSI MINIMUM.
6. CONCRETE SHALL BE 12" THICK, PROVIDING MINIMUM 1" COVER.

THRUST BLOCK DETAIL  
NOT TO SCALE



VALVE-IN-HEAD SPRINKLER (NTS)

Kenneth DiDonato, P.E.

CONSULTING ENGINEER  
GOLF COURSE & COMMERCIAL IRRIGATION DESIGN  
2210 HOLLYWOOD BLVD., HOLLYWOOD, FLORIDA 33020  
(954) 923-2555

PROJECT TITLE :

WEST PARK  
FLORIDA

IRRIGATION LEGEND, NOTES, AND DETAILS

SEAL

Kenneth DiDonato  
P.E. Lic. #20892

PROJECT NO. 2013-18

DRAWN BY KMD

DESIGNED BY KMD

SCALE: N.T.S.

DATE : APRIL 2013

DWG. NO. IR-2

SHT. NO. 2 of

REVISIONS :

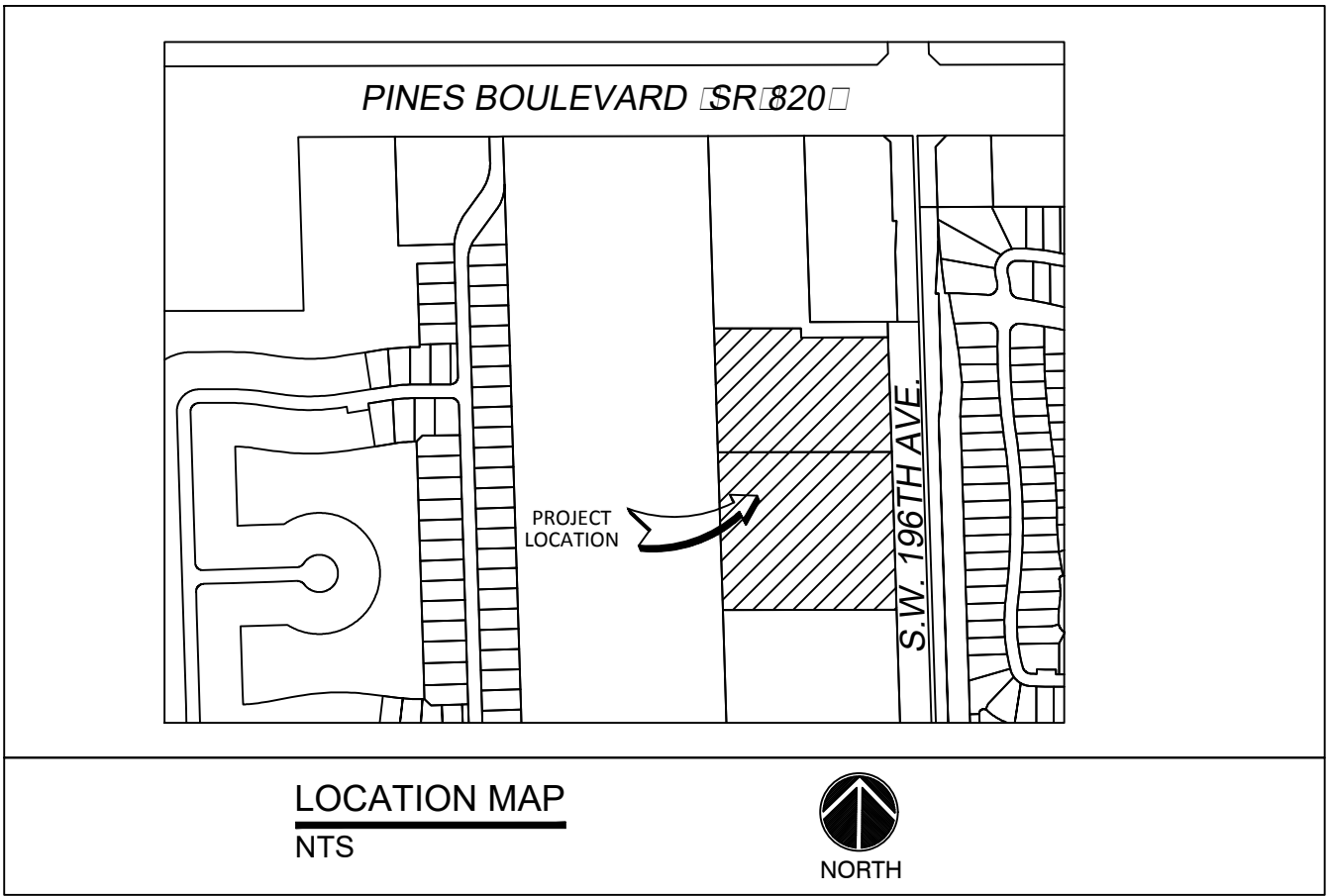
CFILE:

# WEST PINES SOCCER PARK

## FIELDS 5 AND 6

### 350 SW 196TH AVE

### PEMBROKE PINES, FLORIDA 33029



PLAN INDEX:

	COVERSHEET
D1	SITE DEMOLITION PLAN
C1	GRADING AND DRAINAGE PLAN
C2	GRADING AND DRAINAGE DETAILS DETAILS
C3	SBDD STANDARD DETAILS
ESC	EROSION AND SEDIMENT CONTROL PLAN
IR-1&IR-2	ORIGINAL IRRIGATION PLANS (PROVIDED FOR REFERENCE ONLY)

<b>FLYNN</b> ENGINEERING 241 COMMERCE BLD., LAUDERDALE, FL 33308 PHONE: (954) 522-1001 FAX: (954) 522-1002 WWW.FLYNNENGINEERING.COM	
Job No.	21-1626.00
Plot Date	06/03/21
Drawn by	DRS
Proj. Engr.	DRS
Appr. by	DRS



Sheet Title  
**SITE DEMOLITION PLAN**

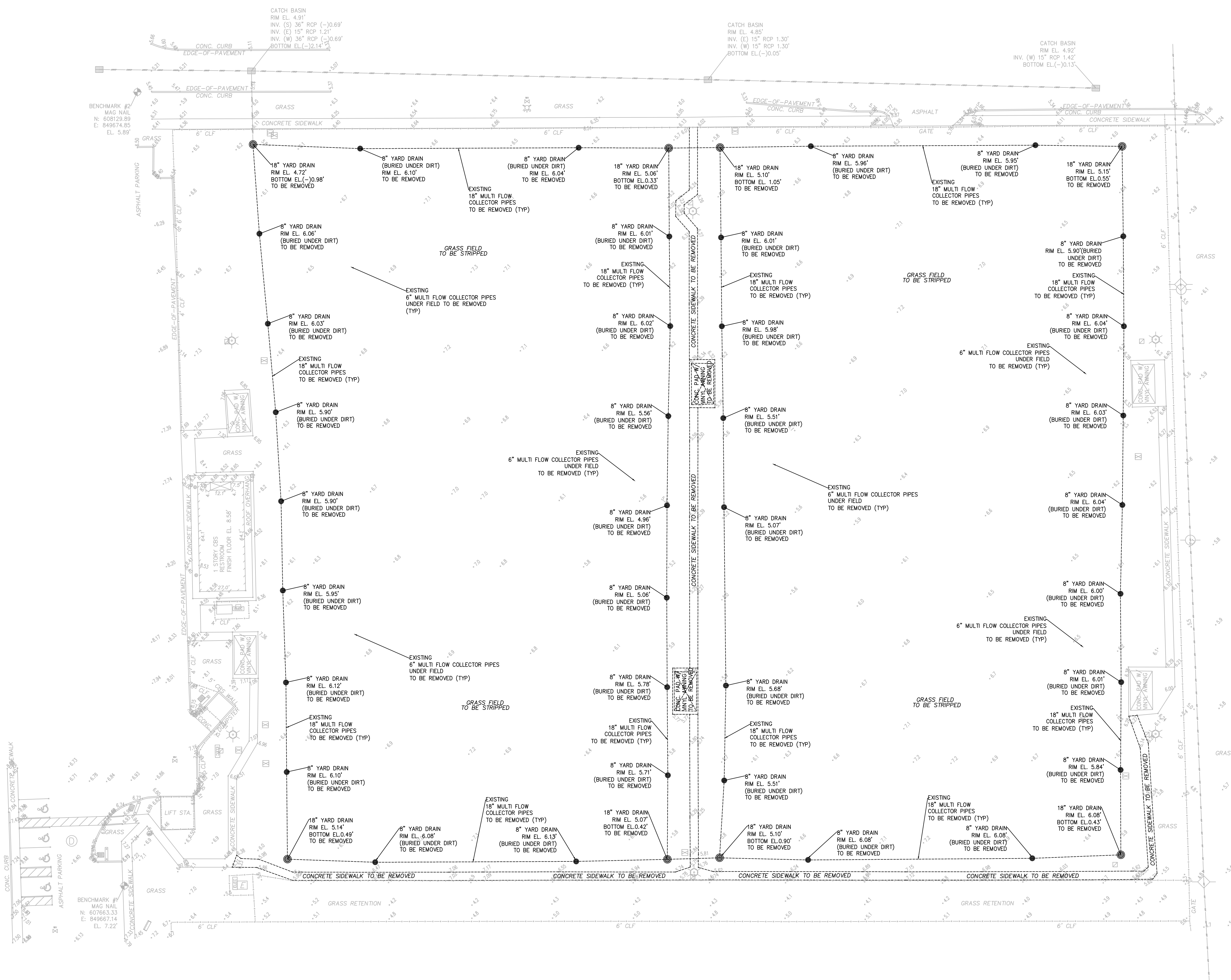
Job Title  
**WEST PINES SOCCER PARK  
FIELDS 5 AND 6**  
350 SW 196TH AVE  
PEMBROKE PINES, FLORIDA 33029



Revisions	
1	
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Phase:  
PERMIT  
DOCUMENTS

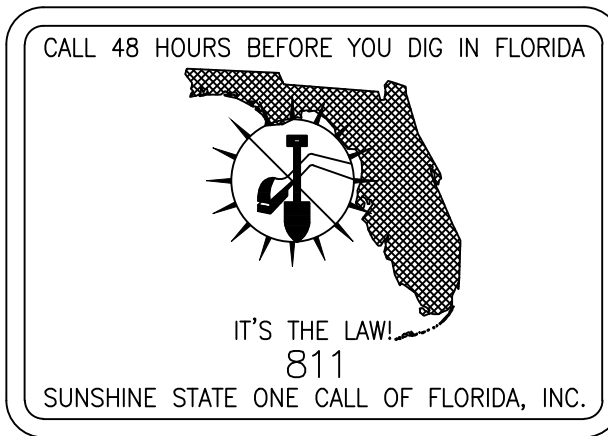
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Job No. 21-1626.00	Plot Date 06/03/21
Drawn by DRS	Sheet No. <b>D1</b>
Proj. Mgr. DRS	
Appr. by DRS	1 of 4



**SITE DEMOLITION LEGEND**

— — — — — EXISTING FEATURE TO BE REMOVED

- DEMOLITION NOTES**
1. THE EXISTING 18" YARD DRAINS REMOVED BY SITE DEMOLITION WORK MAY BE STOCK PILED AND REUSED UPON FIELD INSPECTION AND APPROVAL BY BOTH THE CITY OF PEMBROKE PINES ENGINEERING INSPECTOR AND THE ENGINEER OF RECORD.
  2. CONTRACTOR SHALL STRIP THE EXISTING FIELD TURF AND AS REQUIRED PER PLAN AND DISPOSE OF OFFSITE.
  3. EXISTING 8" YARD DRAIN STRUCTURES, 6" MULTIFLOW PIPES UNDER THE OUTSIDE OF THE EDGES OF THE FIELDS, AND 18" MULT FLOW PIPES AROUND THE PERIMETER OF BOTH FIELDS SHALL BE REMOVED AND DISPOSED OF OFFSITE UNLESS OTHERWISE NOTED ON PLANS.
  4. THE CONTRACTOR SHALL SAWCUT ALONG A NEAT STRAIGHT LINE AT ALL POINTS OF CONCRETE SIDEWALK DEMOLITION AND RECONNECTION TO EXISTING CONCRETE SIDEWALK TO REMAIN.
  5. CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN TEMPORARY BARRIERS AROUND SITE DEMOLITION AREAS AND MAINTAIN IN PLACE CITY OF PEMBROKE PINES APPROVED MAINTENANCE OF TRAFFIC PLAN.
  6. ALL EXISTING ABOVE AND BELOW GROUND ITEMS (INCLUDING SIGNS, CHAIN LINK FENCE, CONCRETE SIDEWALKS, BLEACHERS, CANOPY STRUCTURES, LIGHT POLES, ETC.) SHALL REMAIN WITHIN LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED TO REMAIN.
  7. ALL DEMOLITION DEBRIS NOT OTHERWISE NOTED ON THE PLANS OR IN THESE NOTES SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE IN ACCORDANCE WITH THE GOVERNING MUNICIPALITY REQUIREMENTS.
  8. EXISTING IRRIGATION SYSTEM TO BE REMOVED IN AREA OF RECONSTRUCTION AND REPLACED TO EXISTING CONDITION. SEE SEPARATE ORIGINAL PERMITTED IRRIGATION PLANS FOR REFERENCE ONLY.
  9. CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY DEWATERING REQUIRED DURING SITE DEMOLITION.
  10. BACKFILL FOR ANY VOIDS LEFT BY REMOVAL OF UNDERGROUND DRAINAGE PIPES SHALL BE AS NOTED BY GEOTECHNICAL ENGINEER RECOMMENDATIONS FOR BACKFILLING.
  11. CONTRACTOR SHALL COORDINATE WITH CITY STAFF PRIOR TO STARTING SITE DEMO FOR ANY ITEMS THEY REQUEST TO BE SALVAGED AND NOT REMOVED FROM THE SITE.



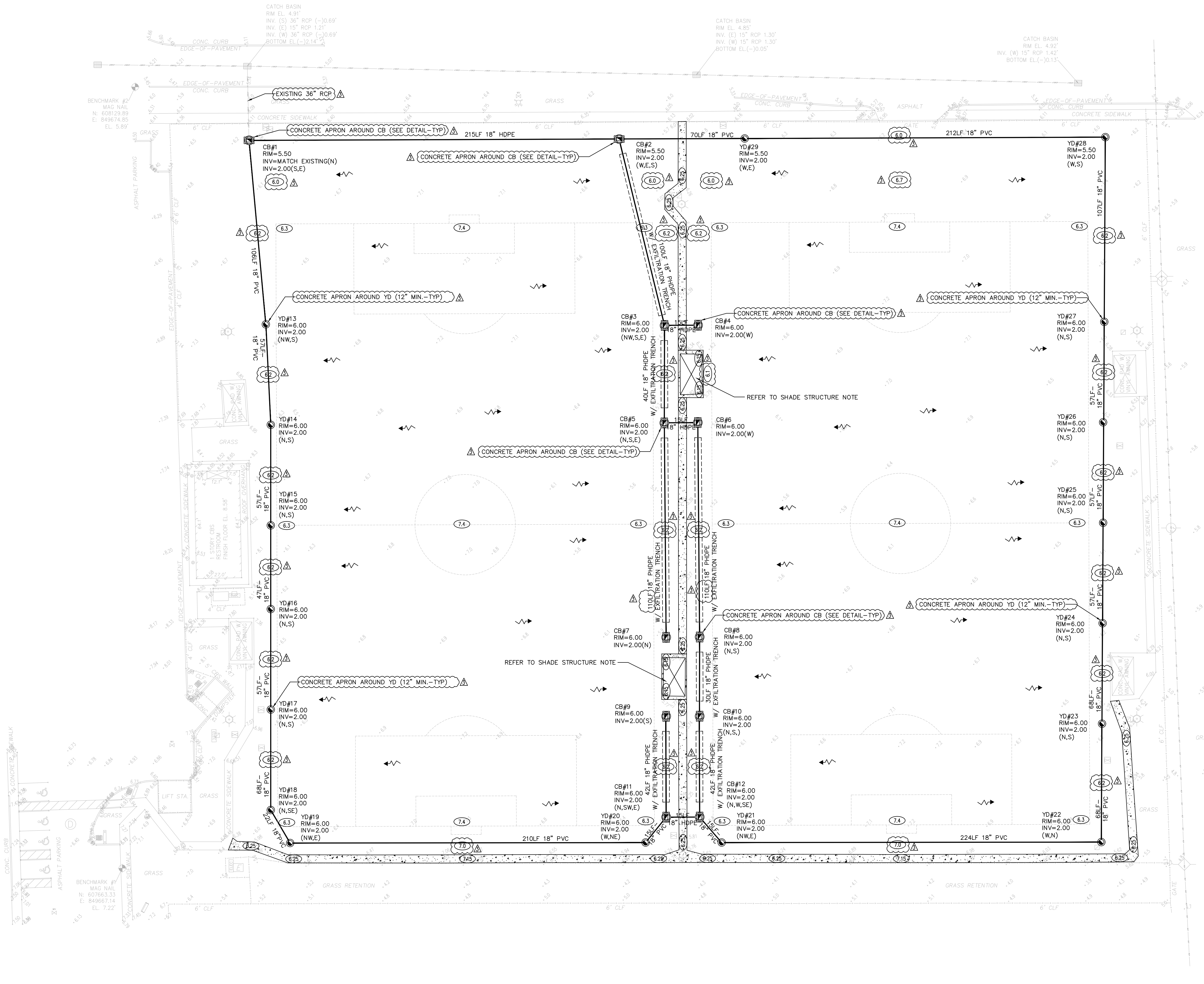


Revisions	
05/06/21	PERMIT SUBMITTALS
06/03/21	CITY PRE-BID PLANS
07/07/21	SBDD COMMENTS
07/07/21	CITY BID ADDENDUM

Phase:  
PERMIT  
DOCUMENTS

SEAL

Scale: 1"=30'	Date: 05/05/20
Job No. 21-1626.00	Plot Date 07/14/21
Drawn by DRS	Sheet No. <b>C1</b>
Proj. Mgr. DRS	
Appr. by DRS	2 of 4



LEGEND:	
(6.00)	PROPOSED ELEVATION (NAVD)
+5.32	EXISTING ELEVATION (NAVD)
[Symbol]	PROPOSED CATCH BASIN
[Symbol]	PROPOSED PLUG
[Symbol]	TEE
[Symbol]	WATER METER
[Symbol]	DOUBLE DETECTOR CHECK W/ WAFER CHECK VALVE ON DOWNSTREAM SIDE
[Symbol]	REDUCED PRESSURE BACKFLOW PREVENTOR
[Symbol]	DIRECTIONAL FLOW ARROW AND GRAVITY SEWER
[Symbol]	PROPOSED MANHOLE
-W-	WATER MAIN
-FM-	SANITARY FORCE MAIN
[Symbol]	VALVE
[Symbol]	FIRE HYDRANT
[Symbol]	SIAMSE CONNECTION
[Symbol]	CLEANOUT
[Symbol]	EDGE OF PROPOSED PAVEMENT (ASPHALT)
[Symbol]	DIRECTION OF SURFACE DRAINAGE
[Symbol]	SAMPLE POINT
[Symbol]	EXIST. WATER MAIN
[Symbol]	EXIST. UTILITY LINE TO BE ABANDONED IN PLACE

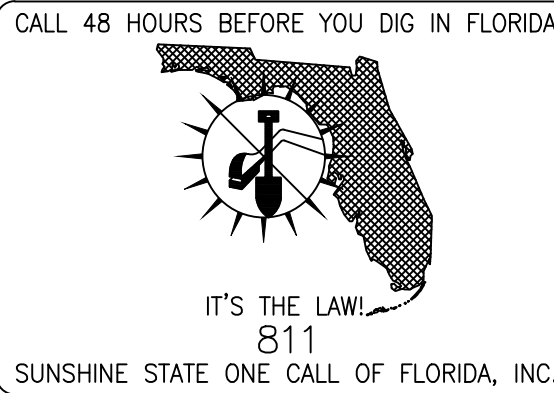
SITE IS WITHIN THE SBDD S-5 BASIN  
S-5 BASIN CWE= ELEV. 2.74 NAVD (4.25 NGVD)

**GRADING AND DRAINAGE NOTES:**

- ALL CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY OF PEMBROKE PINES.
- AT LEAST 48 HOURS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL CALL 811 FOR LOCATIONS OF ALL UTILITY COMPANIES WITH FACILITIES IN THE AREA.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING FEATURES NOT SPECIFICALLY SHOWN FOR DEMOLITION OR RECONSTRUCTION.
- CONTRACTOR SHALL PROVIDE FITTINGS (WYES, TEE, REDUCERS, ETC.) AS REQUIRED TO FURNISH A COMPLETE WORKING SYSTEM BASED ON THE LAYOUT SHOWN ON THESE PLANS.
- FIELD AREAS SHALL BE GRADED TO DRAIN TO THE DRAINAGE INLETS AS SHOWN ON THIS PLAN.
- SLOPE ON SIDEWALKS SHALL NOT EXCEED 5% SLOPE IN DIRECTION OF TRAVEL OR 2% CROSS SLOPE. NOTIFY ENGINEER PRIOR TO CONSTRUCTION OF ANY GRADING THAT DOES NOT COMPLY WITH THIS REQUIREMENT.
- SURVEY INFORMATION BASED ON SURVEY PROVIDED BY CALVIN, GIORDANO & ASSOCIATES INC. DATED FEBRUARY 12, 2021.
- ELEVATIONS SHOWN ARE NAVD88.
- REFER TO GEOTECHNICAL REPORT PREPARED BY LANGAN FOR FOR SPECIFIC REHABILITATION SPECIFICATIONS FOR THIS PROJECT.
- CATCH BASINS AND YARD DRAINS IN GRASS AREA REQUIRE MINIMUM 12" CONCRETE APRONS PER SBDD CRITERIA.
- ALL DRAINAGE STRUCTURES SHALL MEET THE SBDD CRITERIA FOR WALL THICKNESS, SUMPS, AND CLEARANCES.
- ALL DRAINAGE STRUCTURES SHALL HAVE SHOP DRAWINGS SUBMITTED AND APPROVED BY ENGINEER, CITY OF PEMBROKE PINES, AND SBDD PRIOR TO PUTTING THEM INTO PRODUCTION.
- PORTIONS OF THE EXISTING DRAINAGE SYSTEM MAY NEED TO BE CLEANED UPON COMPLETION OF CONSTRUCTION. THIS WILL BE DETERMINED IN THE FIELD BY THE SBDD INSPECTOR.
- DRAINAGE PIPE NOTED AS PVC SHALL BE SDR-35.





**SHADE STRUCTURE NOTE:**

EXISTING SHADE STRUCTURE TO BE REMOVED DURING CONSTRUCTION. CONTRACTOR SHALL REPLACE THE EXISTING SHADE STRUCTURE WITH A 1 TO 1 REPLACEMENT TO MATCH THE EXISTING. CONTRACTOR TO PROVIDE REQUIRED SHOP DRAWINGS SIGNED AND SEALED BY A FLORIDA REGISTERED ENGINEER. THE SHOP DRAWINGS SHALL INCLUDE REQUIRED FOUNDATIONS, SHADE STRUCTURE FRAMING AND SHADE STRUCTURE FABRIC.



VERTICAL DATUM CONVERSION	
GRADING SHOWN UTILIZES N.A.V.D. 88	
N.G.V.D. 29	
[Symbol]	
N.A.V.D. 88	
N.A.V.D. 88 = N.G.V.D. 29 + 1.51'	
N.G.V.D. 29 = N.A.V.D. 88 + 1.51'	

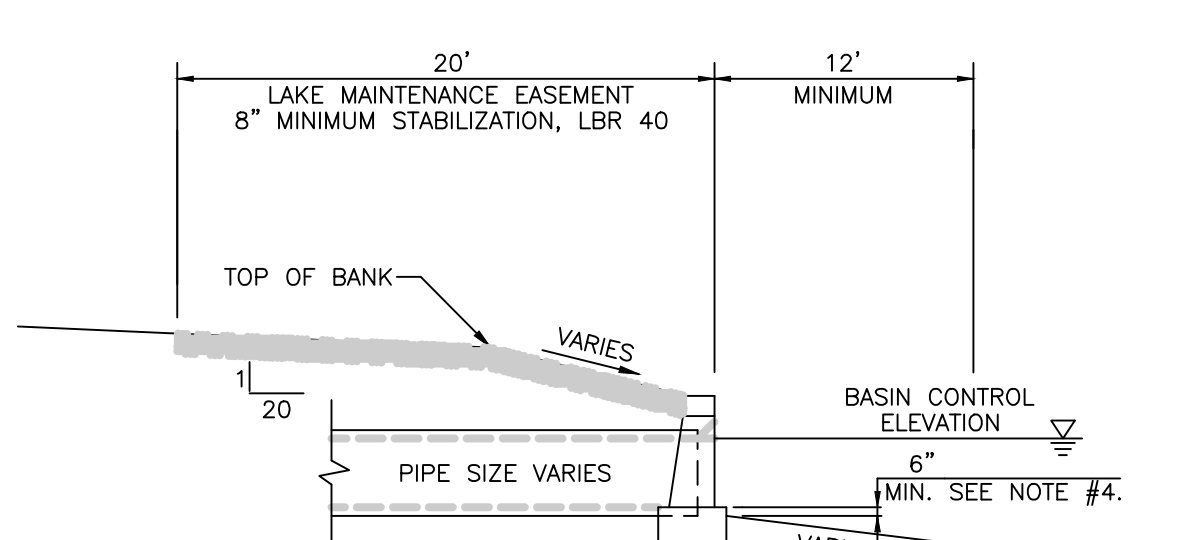


Revisions		
	05/06/21	PERMIT SUBMITTALS
	06/03/21	CITY PRE BID PLANS
	07/07/21	SBD COMMENTS
	07/13/21	CITY BID ADDENDUM



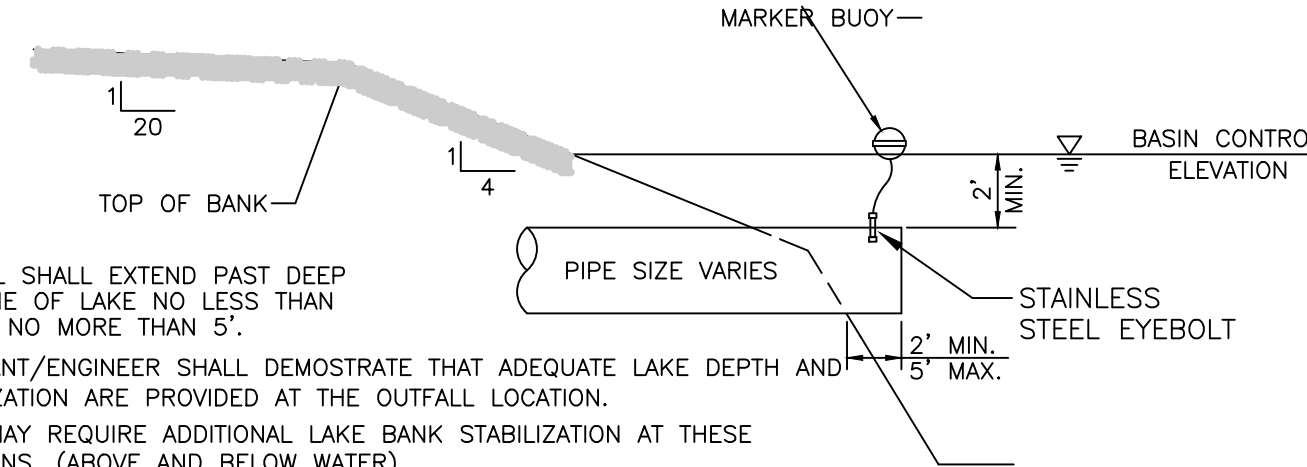
GENERAL NOTES

- THE FOLLOWING GENERAL NOTES ARE REQUIRED BY THE SOUTH BROWARD DRAINAGE DISTRICT (SBDD). THEY ARE NOT MEANT TO BE ALL INCLUSIVE. IT IS THE ENGINEER'S RESPONSIBILITY TO ADD ANY NOTES WHICH WILL INFORM THE OWNER AND THE CONTRACTOR OF ANY ADDITIONAL REQUIREMENTS OF SBDD.
- THE CONTRACTOR SHALL CONTACT SBDD 48 HOURS OR TWO (2) WORKING DAYS PRIOR TO ANY REQUIRED INSPECTION. TO SCHEDULE INSPECTIONS, PLEASE CALL SBDD AT (954)680-3337. SBDD'S WORKING HOURS ARE FROM 8:00 AM TO 4:30 PM, MONDAY THROUGH FRIDAY EXCEPT HOLIDAYS.
  - ANY REVISIONS TO PLANS PERMITTED BY SBDD MUST BE APPROVED BY THE DISTRICT ENGINEER PRIOR TO CONSTRUCTION.
  - A PRECONSTRUCTION MEETING SHALL BE SCHEDULED AND HELD AT LEAST FIVE (5) DAYS PRIOR TO BEGINNING CONSTRUCTION.
  - A SET OF SHOP DRAWINGS SHALL BE SUBMITTED TO SBDD AFTER APPROVAL BY THE ENGINEER OF RECORD, PRIOR TO BEGINNING CONSTRUCTION.
  - DURING CONSTRUCTION, SBDD PERSONNEL WILL INSPECT THE FOLLOWING:
    - INSTALLATION OF ALL UNDERGROUND DRAINAGE FACILITIES BEFORE BACKFILLING.
    - BACKFILLING OF DRAINAGE TRENCHES.
    - SHAPING OF CANAL AND LAKE BANKS FROM THE DEEP CUT TO THE UPLAND EASEMENT LINE OR AS REQUIRED BY SBDD.
    - AND ANY OTHER DRAINAGE RELATED CONSTRUCTION WORK.RE-INSPECTIONS, EXTRAORDINARY INSPECTIONS AND FINAL INSPECTIONS WILL BE SUBJECT TO ADDITIONAL FEE CHARGES BY SBDD.
  - THE CONTRACTOR CONSTRUCTING OR EXCAVATING LAKES OR OTHER WATER BODIES SHALL EXERCISE EXTREME CAUTION TO ENSURE THAT THE SIDE SLOPES AND DEEP CUT LINES ARE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS FOR THE DEVELOPMENT. THE CONTRACTOR OR OWNER SHALL PERIODICALLY, OR AS REQUIRED BY SBDD, OBTAIN A SURVEY, FROM A FLORIDA REGISTERED SURVEYOR OF THE LOCATION OF THE DEEP CUT LINES PRIOR TO FORMING THE SIDE SLOPES. THIS SURVEY SHALL BE PERFORMED PRIOR TO THE OWNER/CONTRACTOR BEGINNING CONSTRUCTION OF ANY BUILDING PADS ADJACENT TO THE WATER BODY. IN THE EVENT THAT THE CONTRACTOR OVER DIGS THE WATER BODY, THE OWNER/CONTRACTOR SHALL SUBMIT TO SBDD ITS SOLUTION TO CORRECT THE OVER DIGGING. ANY SUGGESTED REMEDY OR CORRECTION MUST BE APPROVED BY SBDD BEFORE THE CONTRACTOR BEGINS THE PROPOSED CORRECTION/REMEDY.
  - PAVING AND DRAINAGE "AS-BUILT" PLANS CERTIFIED BY THE ENGINEER OF RECORD AND APPROVED BY THE DISTRICT'S ENGINEER SHALL BE REQUIRED BEFORE THE RELEASE OF THE BOND OR LETTER OF CREDIT. AS-BUILTS SHALL BE PROVIDED AS AN OVERLAY OF THE APPROVED CONSTRUCTION DRAWINGS AND AT THE SAME SCALE AS ORIGINALLY SUBMITTED. AS-BUILT SUBMITTALS SHALL CONFORM TO THE REQUIREMENTS OF SBDD'S CRITERIA MANUAL. AS-BUILTS MUST ALSO BE PROVIDED IN ELECTRONIC FORMAT.
  - AS-BUILT DRAWINGS OF WATER BODIES SHALL INCLUDE THE DATA REQUIRED UNDER EXHIBIT 39 OF SBDD'S CRITERIA MANUAL. THE AS-BUILT CROSS SECTIONS SHALL BE PROVIDED AT NOT MORE THAN 100 FOOT INTERVALS AND AT ALL OUTFALL PIPES CONSTRUCTED WITHOUT HEADWALLS.
  - SBDD WILL NOT COMPLETE THE FINAL INSPECTION UNTIL RECEIPT OF THE AS-BUILT PACKAGE WHICH MUST INCLUDE THE ENGINEER'S CERTIFICATION AND TEST RESULTS FOR STABILIZATION OF LAKE/CANAL MAINTENANCE EASEMENTS, ARE RECEIVED.



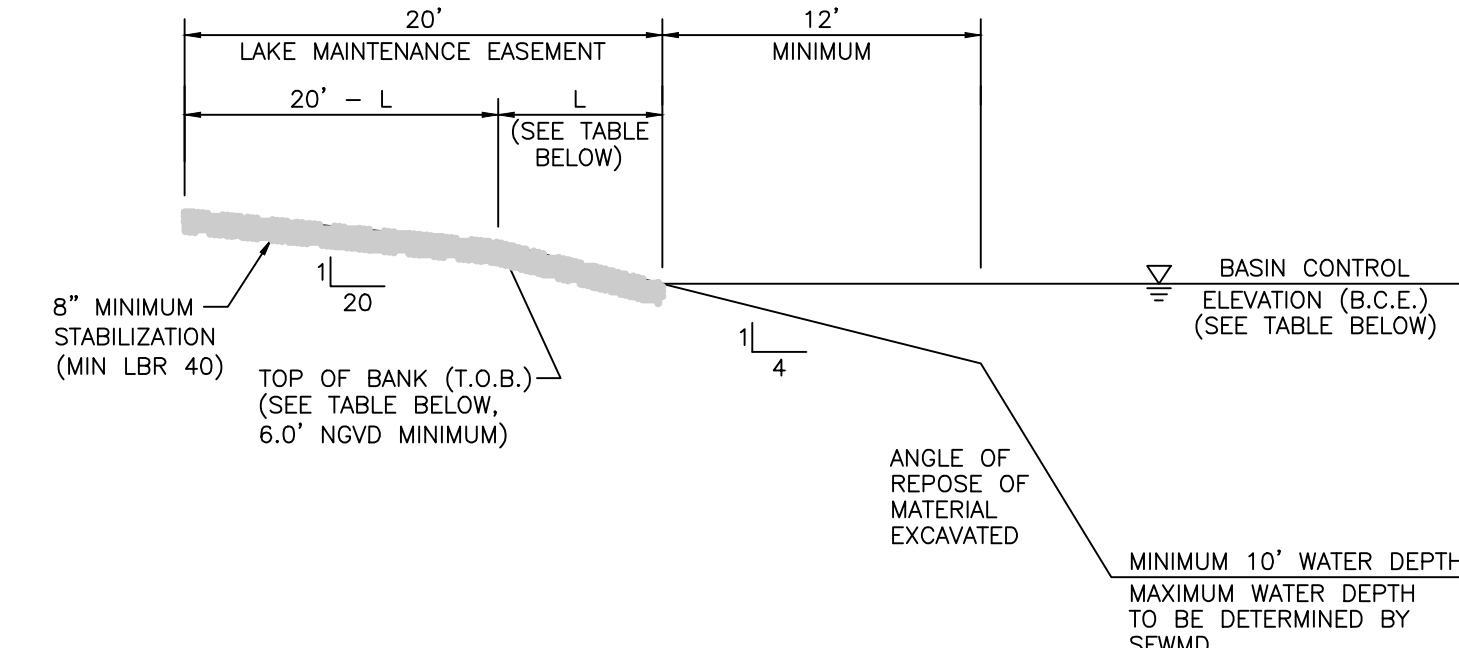
- NOTES:
- TOP OF CAP TO BE 1' ABOVE THE BASIN CONTROL ELEVATION FOR LAKES AND 2' ABOVE BASIN CONTROL ELEVATION FOR CANALS, UNLESS OTHERWISE APPROVED BY THE DISTRICT.
  - HEADWALLS ARE REQUIRED FOR ALL LAKE AND CANAL INTERCONNECTS.
  - CONCRETE AND RIP-RAP ENDWALLS ARE ACCEPTED PER FDOT INDEX 250-255 AND INDEX 258 WITH EXCEPTIONS AS NOTED IN SECTION 3.7.7 OF THE SBDD DESIGN CRITERIA MANUAL.
  - CHANNEL IN FRONT OF PIPE TO BE MIN 6" BELOW THE INVERT OF THE PIPE AND AT LEAST 1 1/2 TIMES THE DIA. OF THE PIPE TO THE DEEP CUT LINE AND CENTERED ON THE PIPE.
  - FACE OF HEADWALL TO BE LOCATED AT DESIGN EDGE OF WATER.

LAKE OUTFALL DETAIL WITH HEADWALL



- NOTE:
- OUTFALL SHALL EXTEND PAST DEEP CUT LINE OF LAKE NO LESS THAN 2' AND NO MORE THAN 5'.
  - APPLICANT/ENGINEER SHALL DEMONSTRATE THAT ADEQUATE LAKE DEPTH AND STABILIZATION ARE PROVIDED AT THE OUTFALL LOCATION.
  - SBDD MAY REQUIRE ADDITIONAL LAKE BANK STABILIZATION AT THESE LOCATIONS. (ABOVE AND BELOW WATER)
  - IF DISSIMILAR PIPE MATERIAL ARE TO BE USED REFER TO EXHIBIT 29.
  - OUTFALL PIPE SHALL HAVE A STAINLESS STEEL EYEBOLT AND MARKER BUOY.

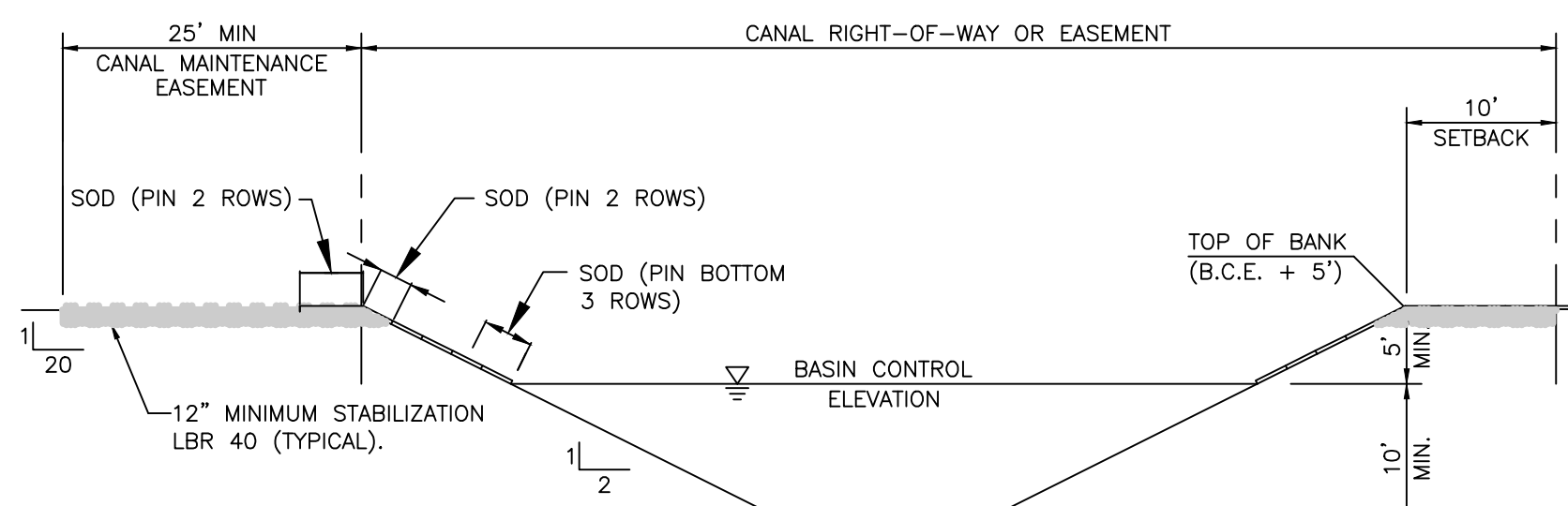
LAKE OUTFALL DETAIL WITHOUT HEADWALL



BASIN No.	B.C.E. (FT-NGVD)	T.O.B. (FT-NGVD)	L (FT)	BASIN No.	B.C.E. (FT-NGVD)	T.O.B. (FT-NGVD)	L (FT)
S-1	2.50	6.50	16.00	S-8	3.50	6.00	10.00
S-2 & S-7	2.70	6.00	13.20		4.00	6.50	10.00
S-3	3.00	6.50	14.00	S-9 & S-10	3.50	6.50	12.00
S-4	3.50	6.00	10.00		4.00	6.50	10.00
S-5	4.00	6.00	8.00	S-12	3.00	6.50	14.00
S-5	4.25	6.50	9.00	S-13	3.00	6.50	14.00
S-5	4.50	6.50	8.00				

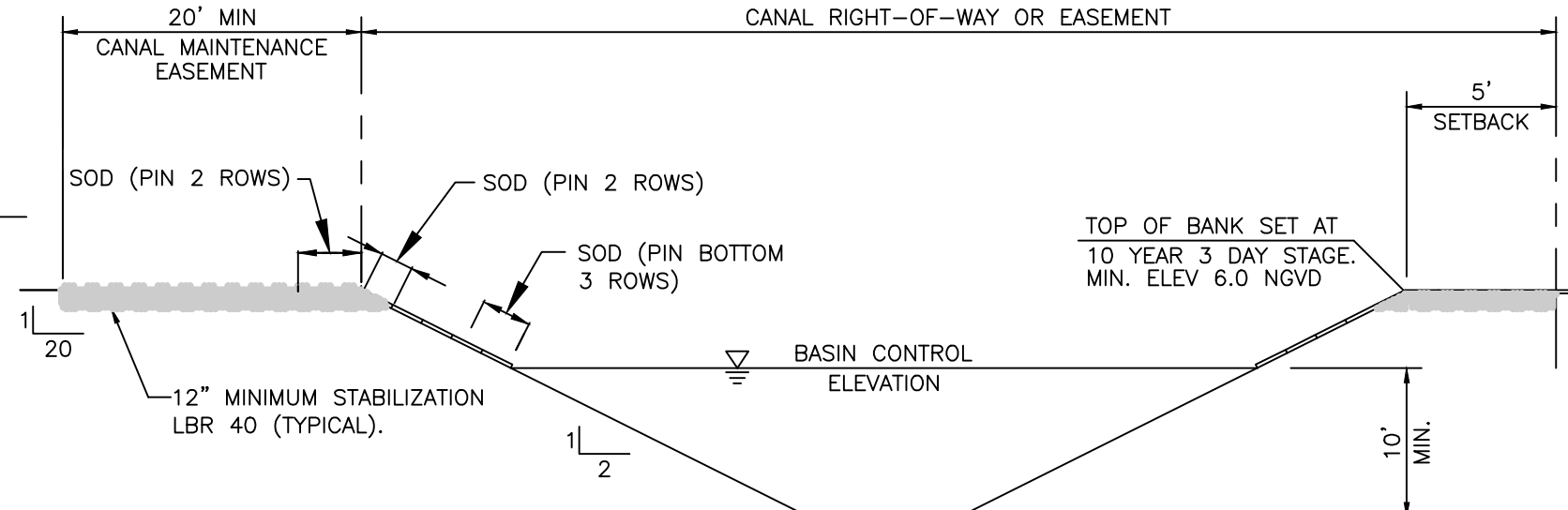
\* EXISTING LAKE BANKS AND SLOPES SHALL BE CLEARED AND REGRADED AS PER SBDD CRITERIA ALONG THE ENTIRE LIMITS OF ALL DEVELOPMENT AND REDEVELOPMENT PROJECTS.

LAKE CROSS SECTION AND LAKE MAINTENANCE EASEMENT



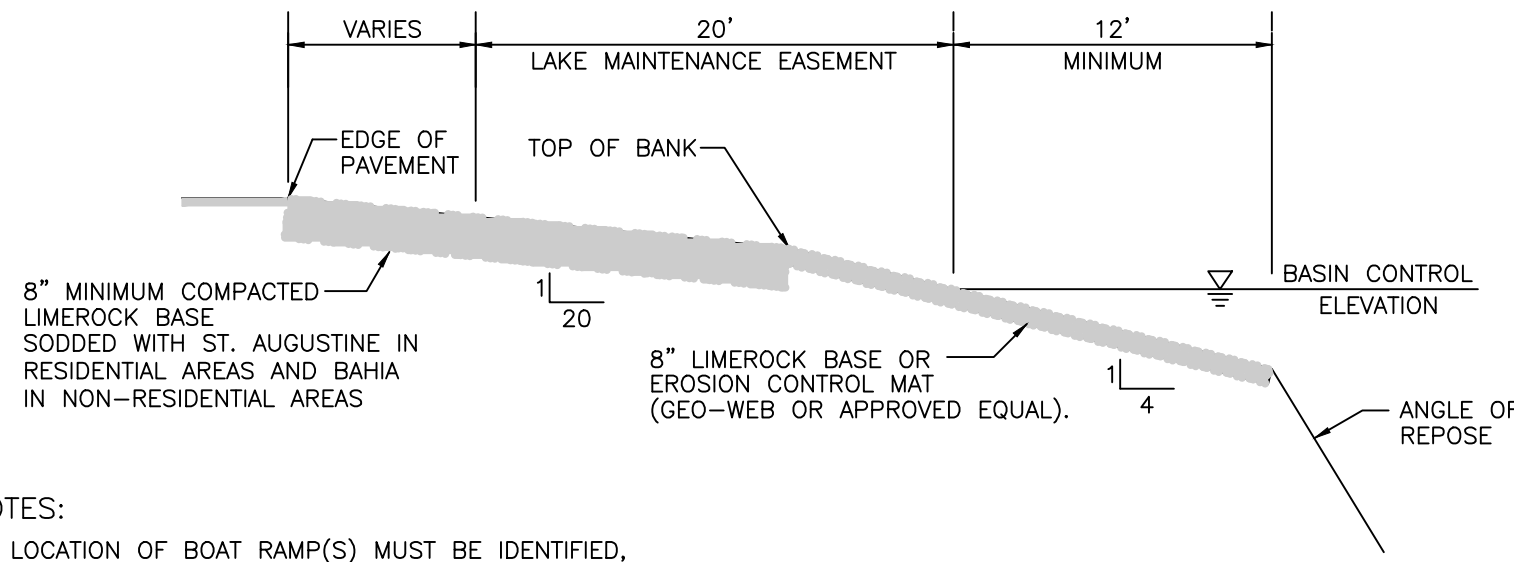
- NOTES:
- ALL CANALS MUST HAVE A MINIMUM DEPTH OF 10' FROM CONTROL ELEVATION TO BOTTOM OF EXCAVATION
  - MINIMUM CANAL BOTTOM IS 10' WIDE
  - ALL PROPERTIES ADJACENT TO THE CANAL MUST SLOPE BANKS, SOD AND PROVIDE AS-BUILTS TO THE ABOVE DESIGN.
  - THERE SHALL BE NO MUCK WITHIN THE CANAL RIGHT OF WAY AND MAINTENANCE EASEMENT.
  - SOD PINS MUST BE WOOD.

PRIMARY CANAL MINIMUM DESIGN SECTION AND CANAL MAINTENANCE EASEMENT



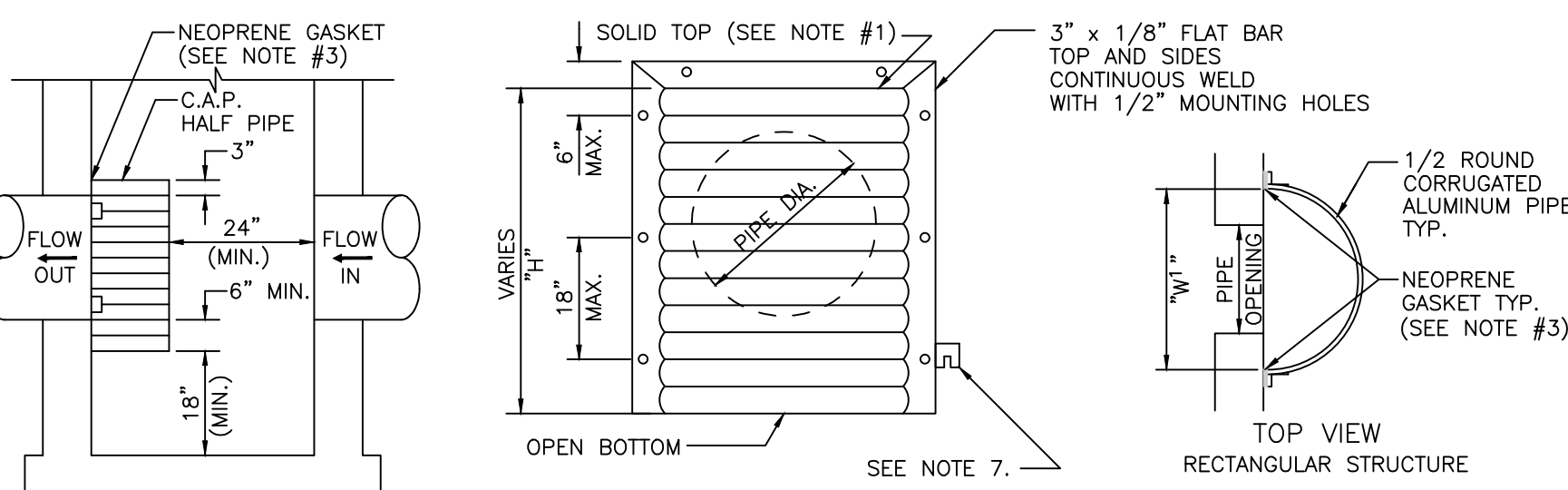
- NOTES:
- ALL CANALS MUST HAVE A MINIMUM DEPTH OF 10' FROM CONTROL ELEVATION TO BOTTOM OF EXCAVATION
  - MINIMUM CANAL BOTTOM IS 10' WIDE
  - ALL PROPERTIES ADJACENT TO THE CANAL MUST SLOPE BANKS, SOD AND PROVIDE AS-BUILTS TO THE ABOVE DESIGN.
  - THERE SHALL BE NO MUCK WITHIN THE CANAL RIGHT OF WAY AND MAINTENANCE EASEMENT.
  - SOD PINS MUST BE WOOD.

SECONDARY CANAL MINIMUM DESIGN SECTION AND CANAL MAINTENANCE EASEMENT



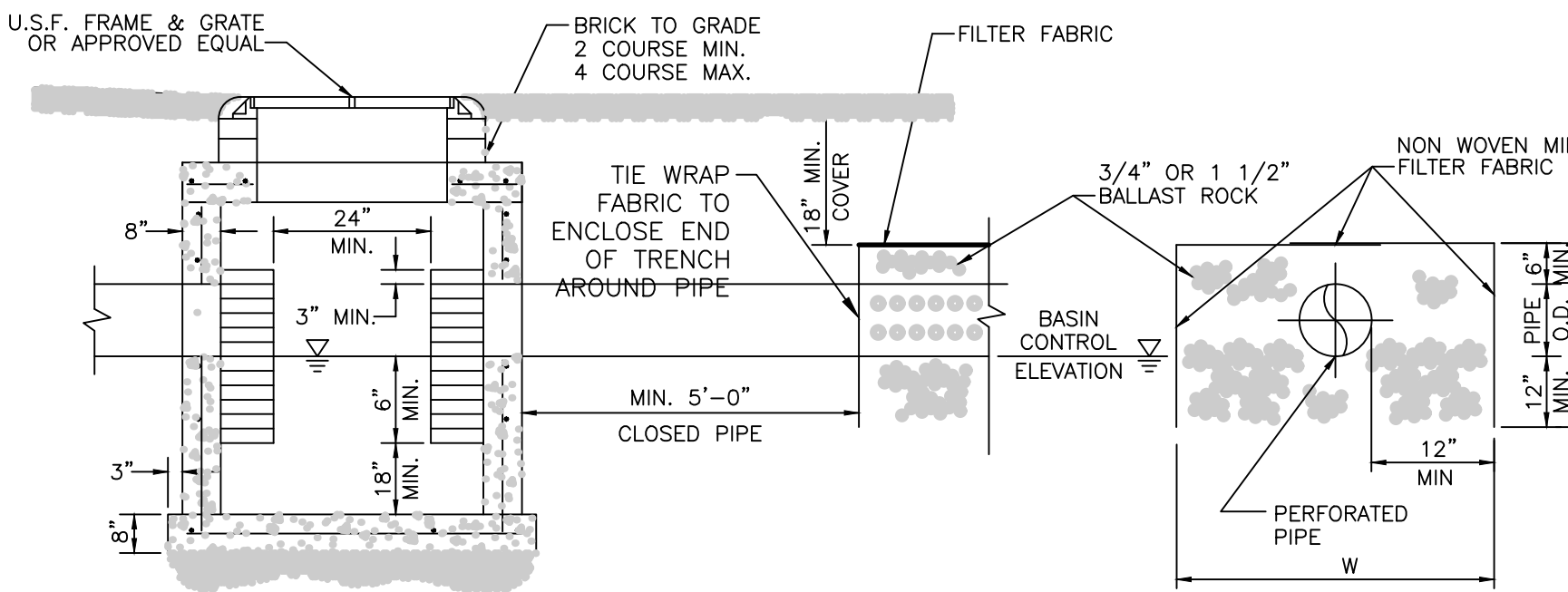
- NOTES:
- LOCATION OF BOAT RAMP(S) MUST BE IDENTIFIED, INSPECTED AND APPROVED BY SBDD PRIOR TO CONSTRUCTION
  - SLOPE DETAILS AS OUTLINED ABOVE MUST BE INSPECTED AND APPROVED BY THE DISTRICT PRIOR TO INSTALLATION OF EROSION CONTROL MAT.
  - UPON COMPLETION OF BOAT RAMP, DISTRICT MUST BE NOTIFIED FOR FINAL APPROVAL.
  - BOAT RAMP MUST INTERSECT ADJACENT ROAD AND WATER BODY AT 90° ANGLE UNLESS OTHERWISE APPROVED.
  - THE BOAT RAMP(S) MUST BE MINIMUM 12' WIDE.
  - PROVIDE DROP CURB AT PAVEMENT WHERE APPLICABLE.
  - FOR BOAT RAMP CONSTRUCTED ON AN SBDD CANAL A SLOPE OF 3:1 CAN BE USED FROM EDGE OF WATER UP TO TOP OF BANK.
  - BOAT RAMPS SHALL BE CONSTRUCTED OF LIMEROCK OR EROSION CONTROL MAT, AT THE DISCRETION OF THE DISTRICT.
  - IF SBDD OPTS FOR AN EROSION CONTROL MAT, THE MAT SHALL BE FILLED WITH AT LEAST 4" OF 3/4" ROCK.

BOAT RAMP DETAIL



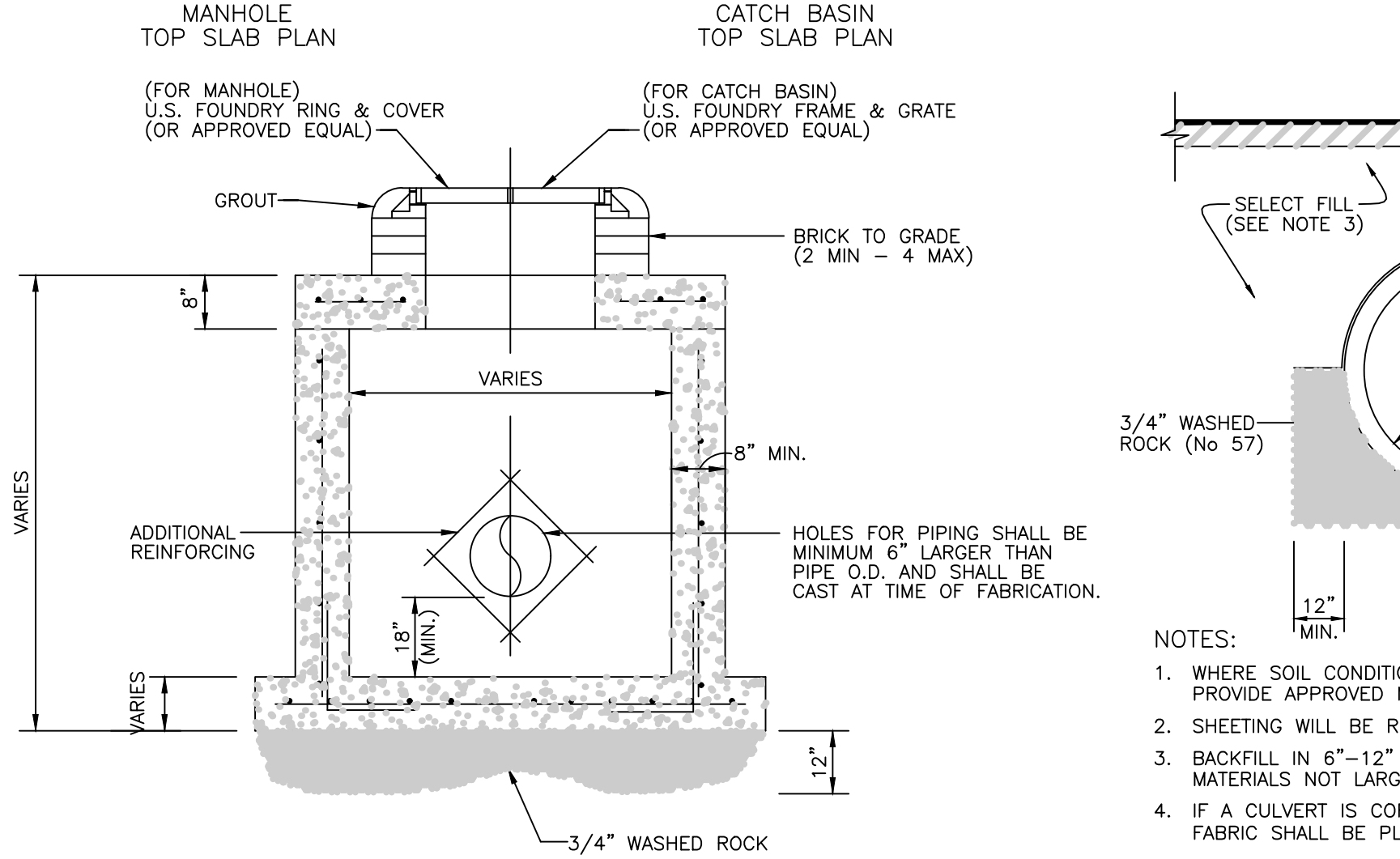
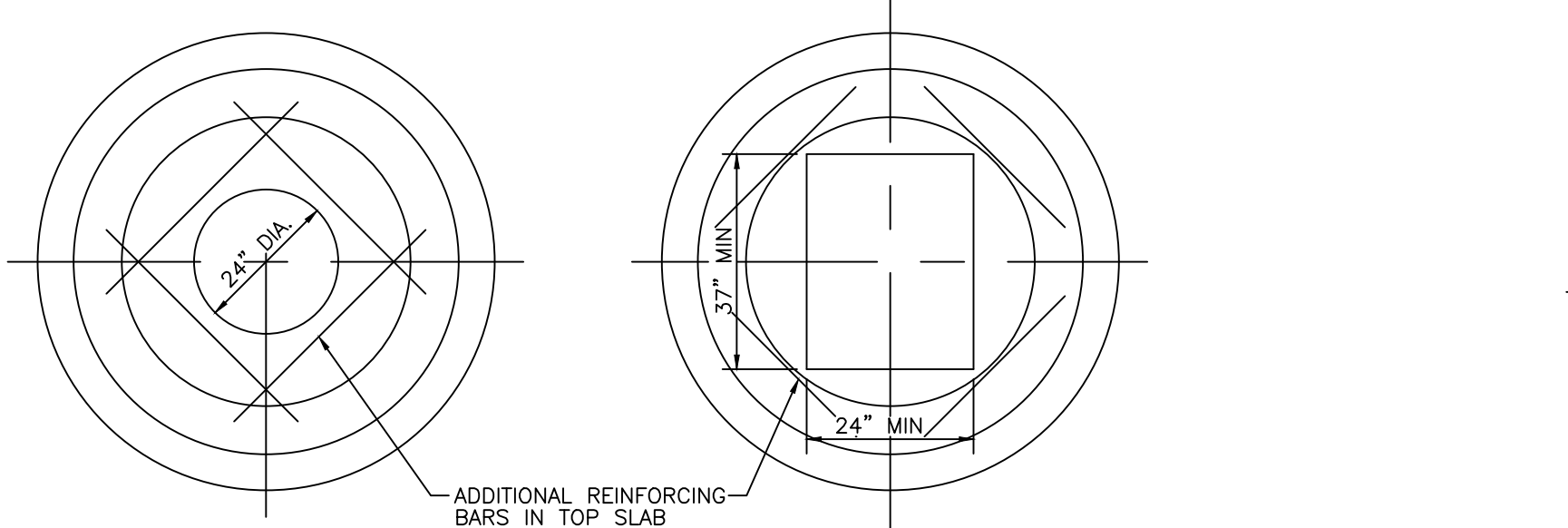
- NOTES:
- ALUMINUM SHEET OF SAME THICKNESS (GAUGE) AS PIPE SHALL BE WELDED TO CLOSE OPENING AT THE TOP.
  - NEOPRENE ADHESIVE BACKED GASKET, OR APPROVED EQUAL (1" x 3") SHALL BE INSTALLED ON THE SIDES AND TOP OF ALL BAFFLES.
  - POLLUTION RETARDANT BAFFLE TO BE FASTENED IN PLACE WITH 3/8"x4" STAINLESS STEEL "RED HEADS", OR APPROVED EQUAL.
  - ALL EXFILTRATION TRENCHES SHALL HAVE A POLLUTION RETARDANT BAFFLE AT EACH CONNECTION POINT TO A STRUCTURE (SEE EXFILTRATION TRENCH DETAIL). THE BOTTOM OF THE BAFFLE SHALL BE A MIN. OF 12" BELOW C.W.E.
  - FIBERGLASS BAFFLES ARE NOT PERMITTED.
  - MOUNTING BRACKETS MAY BE ADDED TO FLAT BARS TO EASE INSTALLATION IN ROUND STRUCTURES. SPACING TO MATCH HOLES IN FLAT BARS.
  - FOR POLLUTION RETARDANT BASINS THE BOTTOM ELEVATION OF THE BAFFLE MUST BE A MINIMUM OF 2' BELOW THE CONTROL WATER ELEVATION.

POLLUTION RETARDANT BAFFLE DETAIL



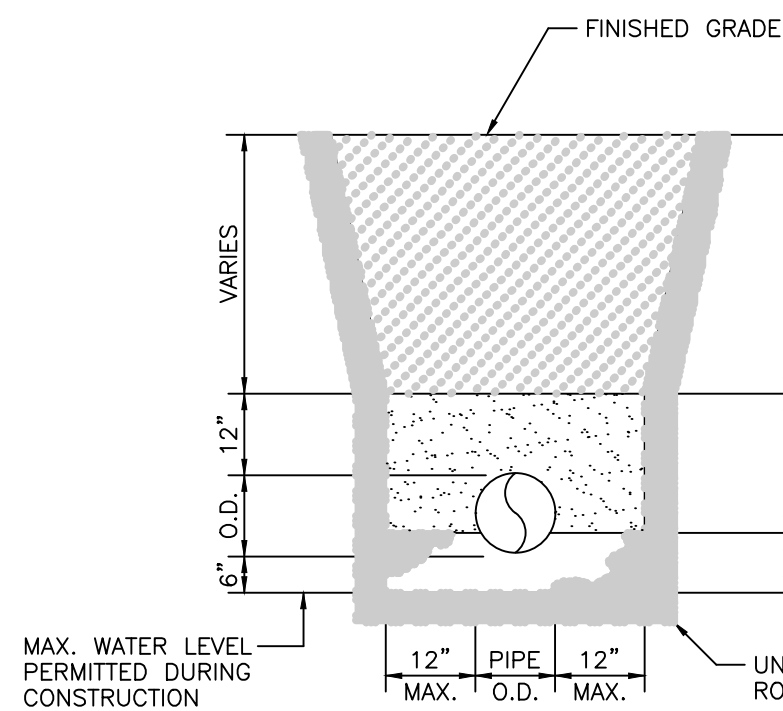
- NOTES:
- SIDES AND TOP OF TRENCH ONLY TO BE LINED WITH FILTER FABRIC, OVERLAP Joints A MINIMUM OF 2' AT THE TOP OF THE TRENCH.
  - BALLAST ROCK SHALL BE FROM FRESH WATER, WASHED AND FREE OF DELETERIOUS MATTER.
  - ALL EXFILTRATION TRENCHES SHALL HAVE A POLLUTION RETARDANT BAFFLE AT EACH CONNECTION POINT TO A STRUCTURE. (SEE POLLUTION RETARDANT BAFFLE DETAIL, EXHIBIT 28)
  - GASKETS SHALL BE USED WITH RCP IN EXFILTRATION TRENCH.

EXFILTRATION TRENCH DETAIL



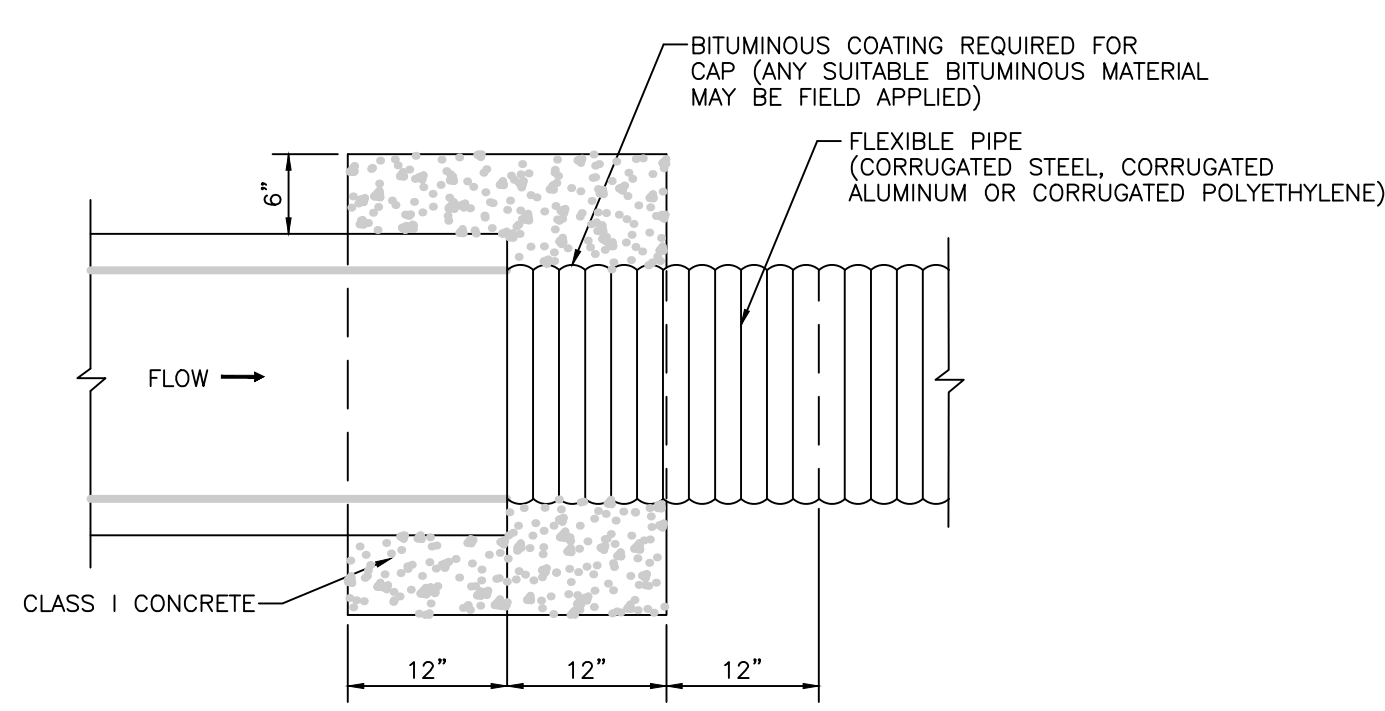
- NOTES:
- WHERE SOIL CONDITIONS CANNOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE APPROVED METHOD OF CONSTRUCTION.
  - SHEETING WILL BE REQUIRED AS DETERMINED IN THE FIELD.
  - BACKFILL IN 6"-12" LAYERS, TO 98% COMPACTION, WITH MATERIALS NOT LARGER THAN 3 1/2".
  - IF A CULVERT IS CORRUGATED ALUMINUM STRUCTURAL PLATE, FILTER FABRIC SHALL BE PLACED THE ENTIRE LENGTH OF THE PIPE.
  - FILTER FABRIC SHALL BE PLACED THE FULL LENGTH OF ANY SECTION OF CULVERT UNDER ASPHALT.

LAKE/CANAL INTERCONNECT BEDDING DETAIL



- NOTES:
- WHERE SOIL CONDITION CANNOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE APPROVED MEANS OF CONSTRUCTION.
  - WHERE REQUIRED SHEETING AND SHORING SHALL BE IN ACCORDANCE WITH THE LOCAL GOVERNMENTAL AGENCY.
  - MUCK OR OTHER UNSUITABLE MATERIAL SHALL BE COMPLETELY REMOVED.
  - WHEN THE PIPE IS LAID IN THE PREPARED TRENCH, TRUE TO LINE AND GRADE, THE PIPE BARREL SHALL RECEIVE CONTINUOUS UNIFORM SUPPORT. WHERE NECESSARY, COURSE SAND, PEA ROCK OR 3/4" LIMESTONE GRAVEL SHALL BE USED TO PROVIDE UNIFORM BEDDING.
  - JOINTS MAY BE REQUIRED TO BE WRAPPED AT THE DISCRETION OF THE DISTRICT AND THE SITE CONDITIONS.
  - BACKFILL MATERIAL SHALL BE NON-COHESIVE AND NON-PLASTIC SOIL THAT IS FREE OF ALL DEBRIS, LUMPS, WOOD BROKEN PAVING OR ANY ORGANIC OR UNSUITABLE MATERIAL. BACKFILL MATERIAL PLACED WITHIN 12" OF THE PIPE SHALL CONTAIN NO ROCKS OR STONES LARGER THAN 3-1/2" INCHES IN DIAMETER. NO ROCKS OR STONES LARGER THAN 6" IN DIAMETER WILL BE PERMITTED IN THE REMAINING BACKFILL UNLESS OTHERWISE SPECIFIED.
  - TRENCH BACKFILL SHALL BE COMPACTED TO NOT LESS THAN 90 PERCENT OF THE MAXIMUM DRY DENSITY DETERMINED BY AASHTO T-180. BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE TO THE STANDARD ENGINEERING DESIGN REQUIRED BY THE LOCAL GOVERNMENTAL AGENCY.

TRENCH EXCAVATION DETAIL



- NOTES:
- A CONCRETE JACKET SHALL NOT BE USED TO JOIN:
    - METAL PIPE OF DISSIMILAR MATERIALS.
    - FLEXIBLE PIPE WHEN THE MAXIMUM COVER REQUIRED IN ACCORDANCE WITH F.D.O.T. INDEX NO. 205 CANNOT BE OBTAINED.
  - OPTIONAL FOR LAKE OR CANAL OUTFALL.
  - WHEN USED FOR LAKE OUTFALL, JACKET SHALL BE CENTERED 8' LANDWARD OF THE BASIN CONTROL ELEVATION.

CONCRETE JACKET DETAIL

PRECAST CATCH BASIN AND MANHOLE DETAIL





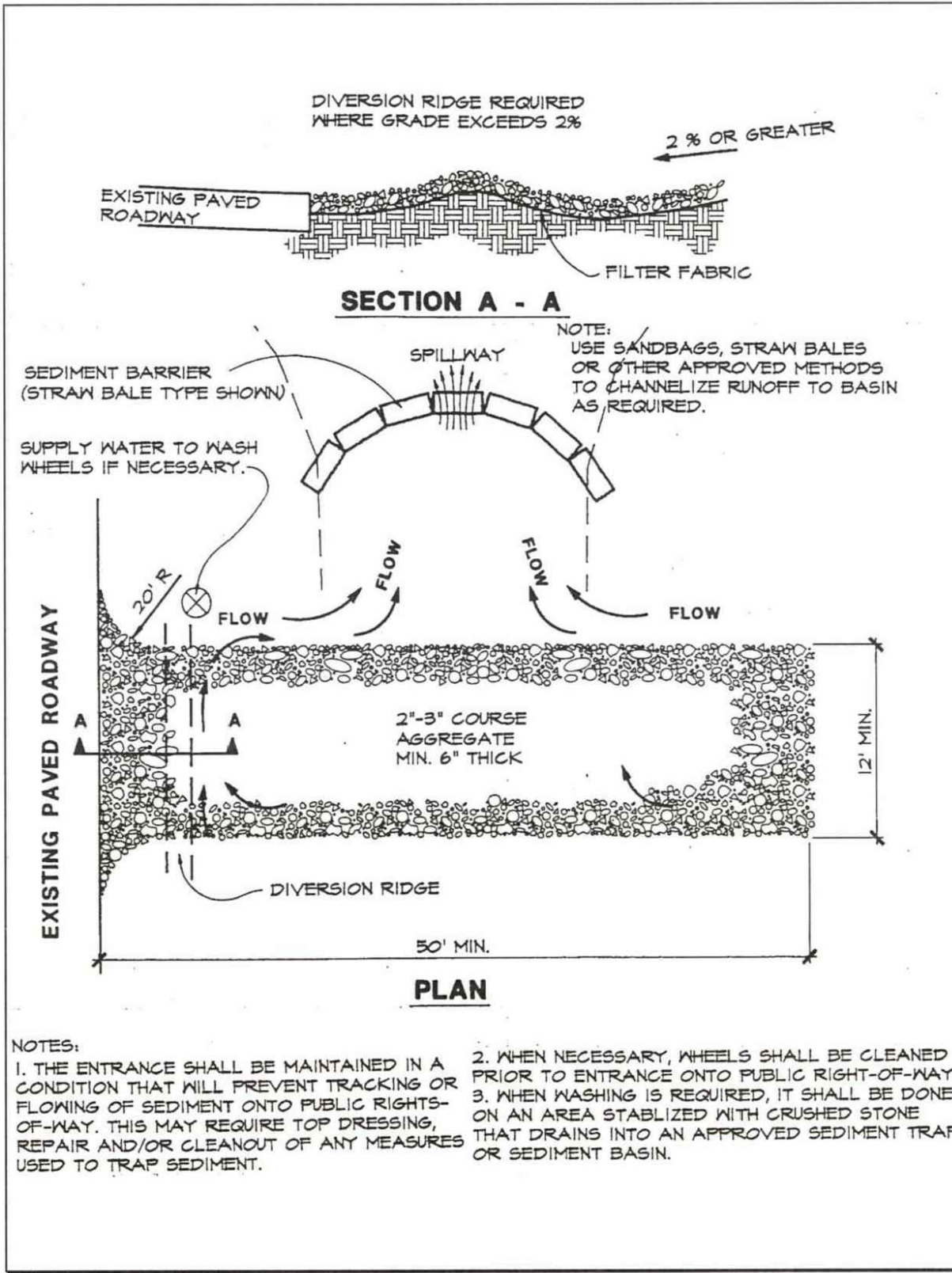
Revisions	
Δ	
Δ	

Phase:  
PERMIT  
DOCUMENTS

SEAL

Scale: 1"=30'	Date 05/05/20
Job No. 21-1626.00	Plot Date 06/03/21
Drawn by DRS	Sheet No. <b>ESC</b>
Proj. Mgr. DRS	
Appr. by DRS	4 of 4

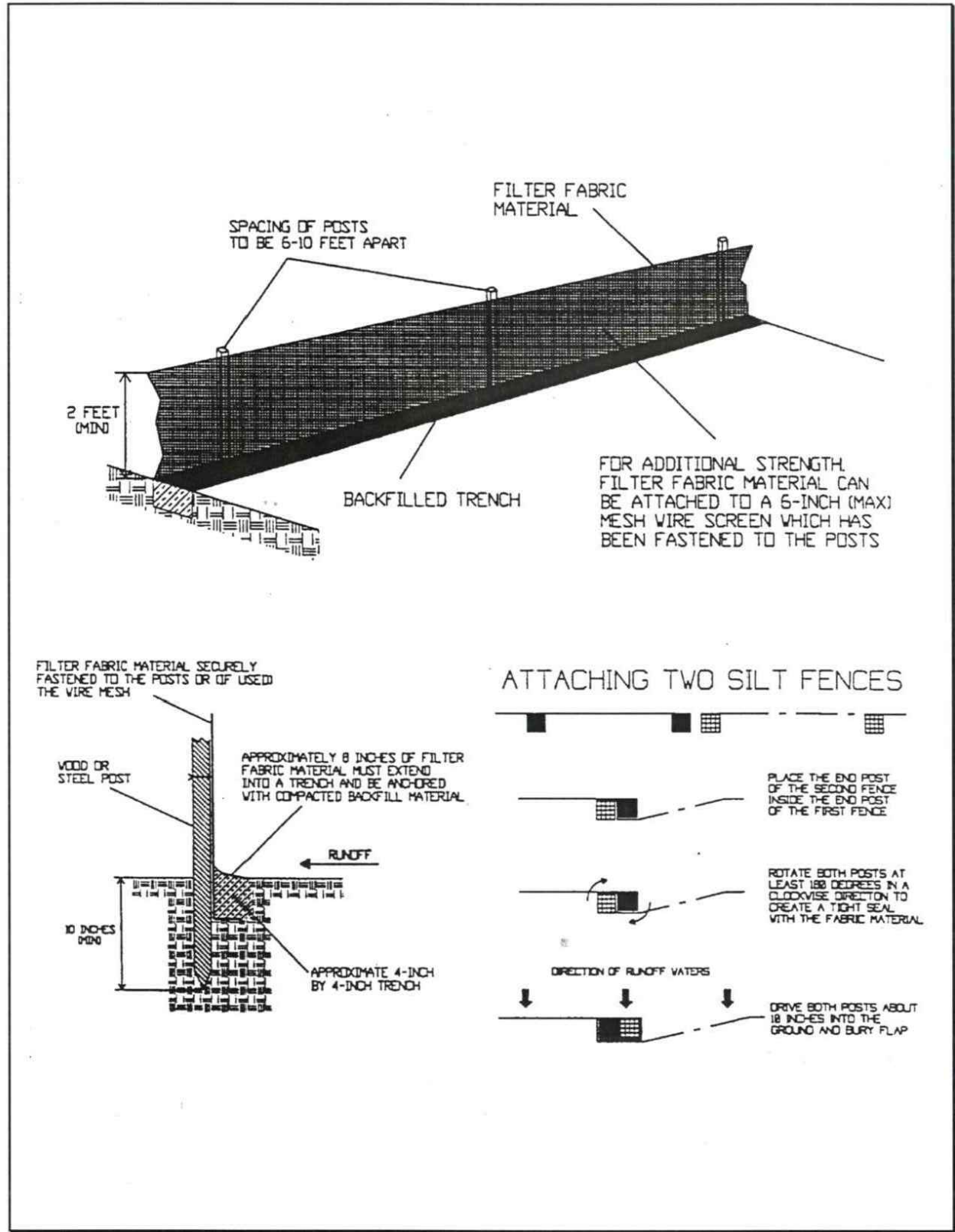
Florida Erosion and Sediment Control Inspector's Manual



**Plate 4.03a** Temporary Gravel Construction Entrance  
Source: Erosion Draw

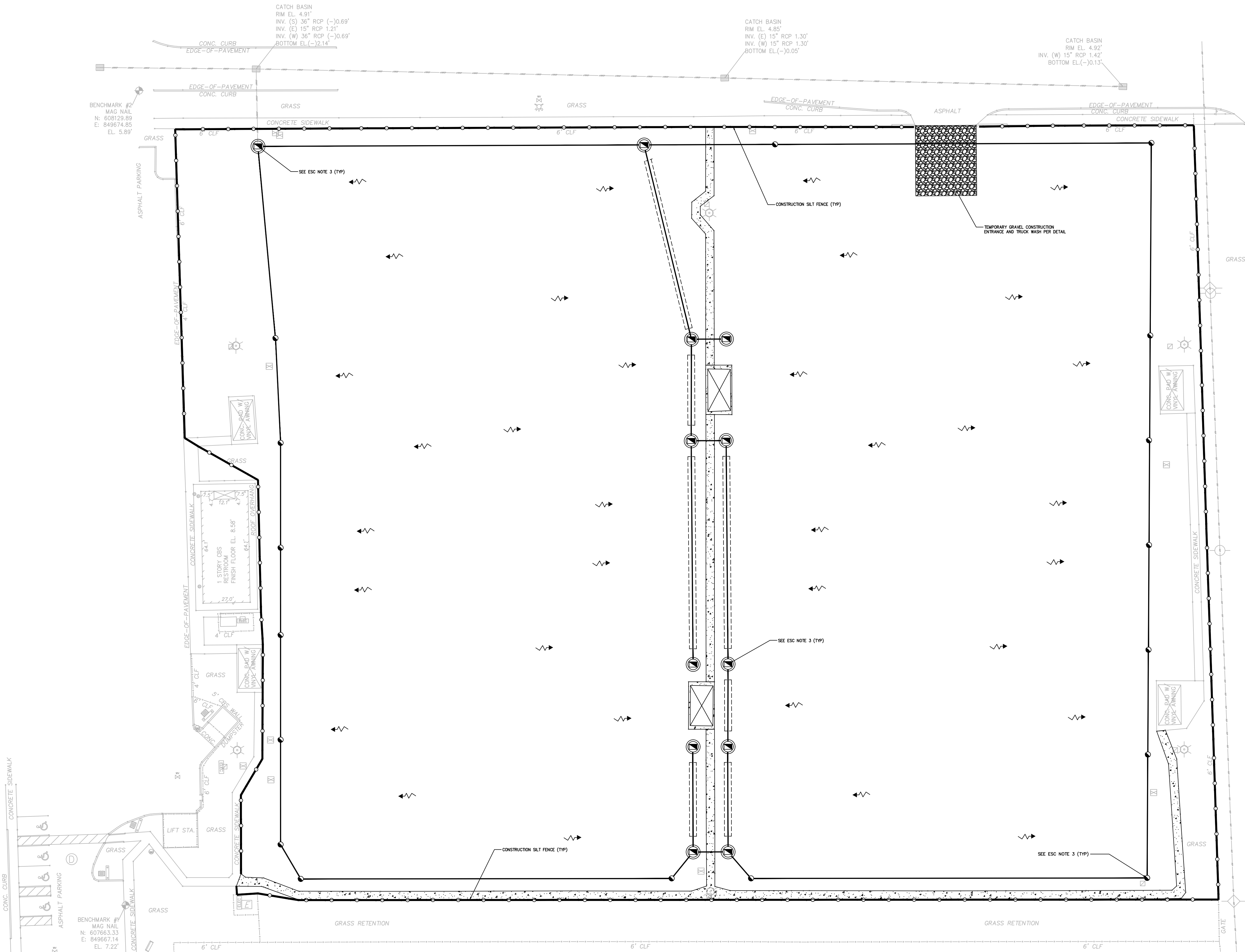
4-8

Florida Erosion and Sediment Control Inspector's Manual



**Plate 4.06d** Installing a Filter Fabric Silt Fence  
Source: HydroDynamics, Inc.

4-28



**ESC NOTES:**

1. THIS PLAN REFLECTS THE ENGINEER'S SUGGESTION FOR EROSION AND SEDIMENT CONTROL. SITE OPERATOR TO MODIFY PLAN AS NEEDED TO MAINTAIN "BEST MANAGEMENT PRACTICES" DURING CONSTRUCTION.
2. AT ALL TIMES DURING CONSTRUCTION, ALL STORMWATER MUST REMAIN ONSITE. NO DISCHARGE INTO THE PUBLIC RIGHT OF WAY OR ADJOINING PROPERTIES IS ALLOWED.
3. DRAINAGE STRUCTURES INSTALLED TO BE PROTECTED WITH FILTER FABRIC AND/OR PERIMETER SILT FENCE.
4. PROVIDE FILTER FABRIC OR OTHER METHOD OF SEDIMENT PROTECTION FOR ANY EXISTING CATCH BASIN/INLET WITHIN 100 FEET OF THE PROJECT AREA.
5. ANY SEDIMENT THAT IS TRACKED ONTO ROADS MUST BE SWEEPED UP IMMEDIATELY.
6. SEDIMENT SHALL NOT BE REMOVED BY WASHING/FLUSHING WITH WATER AT THE RIGHT OF WAY.
7. CONTRACTOR RESPONSIBLE FOR FDEP NPDES REQUIREMENTS INCLUDING FILING OF THE NOI, MAINTAINING THE LOG BOOK ONSITE DURING CONSTRUCTION, AND FILING OF THE NOI UPON COMPLETION. SEE NPDES NOTE FOR ADDITIONAL INFO..

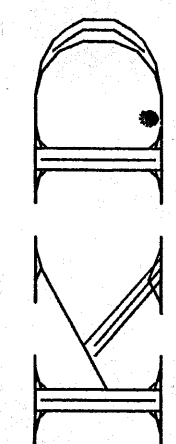
**NPDES**

ALL PROJECTS THAT WILL RESULT IN THE DISTURBANCE OF 1 OR MORE ACRES OF LAND CONTRACTORS ARE REQUIRED TO SUBMIT A STORM WATER NOTICE OF INTENT (DEP FORM 62-621.300(4)(b)) 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, NPDES STORMWATER PROGRAM, 2600 BLAIR STONE ROAD MAIL STATION 2510, TALLAHASSEE, FL 32399-2400. ADDITIONAL DETAILS ARE AVAILABLE AT WWW.DEP.STATE.FL.US/WATER/STORMWATER/NPDES



Kenneth DiDonato, P.E.

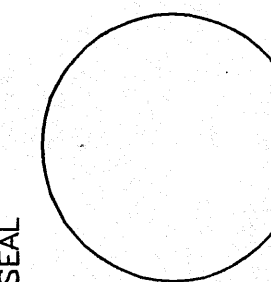
CONSULTING ENGINEER  
GOLF COURSE & COMMERCIAL IRRIGATION DESIGN  
2210 HOLLYWOOD BLVD., HOLLYWOOD, FLORIDA 33020  
(954) 923-2555



WEST PARK  
FLORIDA  
IRRIGATION PLAN

PROJECT TITLE :

SEAL



Kenneth DiDonato  
P.E. Lic. #20692

PROJECT NO. 2013-18

DRAWN BY KMD

DESIGNED BY KMD

SCALE: 1"=30'-0"

DATE: APRIL 2013

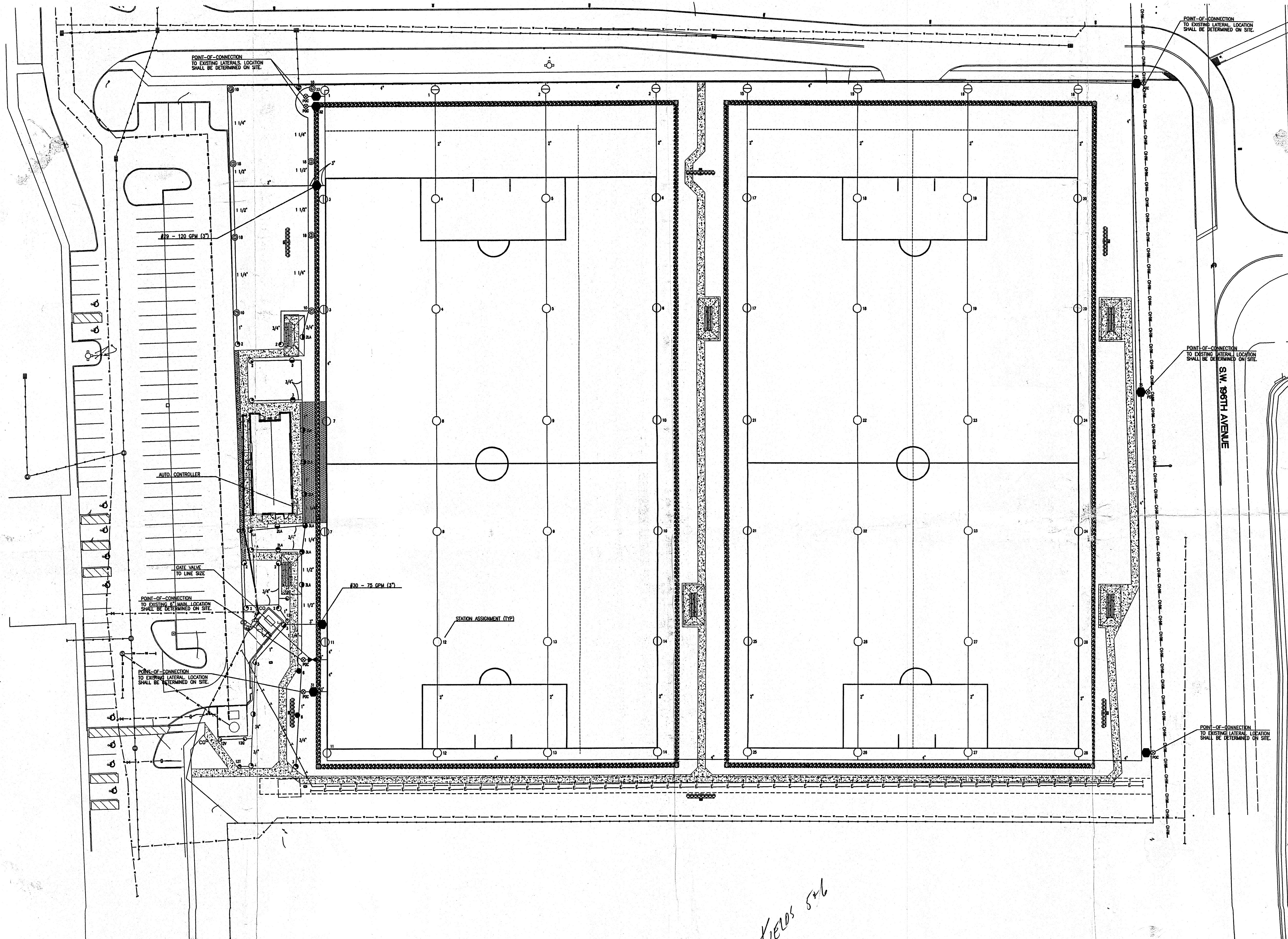
DWG. NO. IR-1

SHT. NO. 1 of 1

REVISIONS :

KMD 5/6

CFILE:



IRRIGATION PLAN

SCALE: 1"=30'

FIELD 5x6



# WEST PARK FLORIDA

PROJECT TITLE :

SEAL

Kenneth DiDonato  
F Lic #20892

PROJECT NO. 2013-18

DRAWN BY KMD

DESIGNED BY KMD

SCALE: N.T.S.

DATE : APRIL 2013

DWG. NO. ID 8

110 2

REVISIONS :

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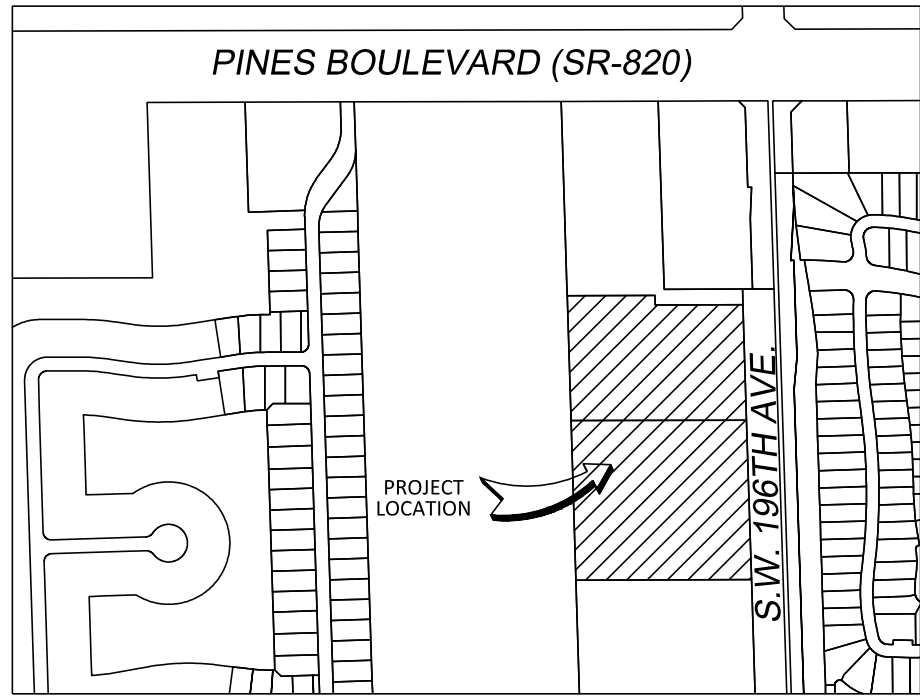
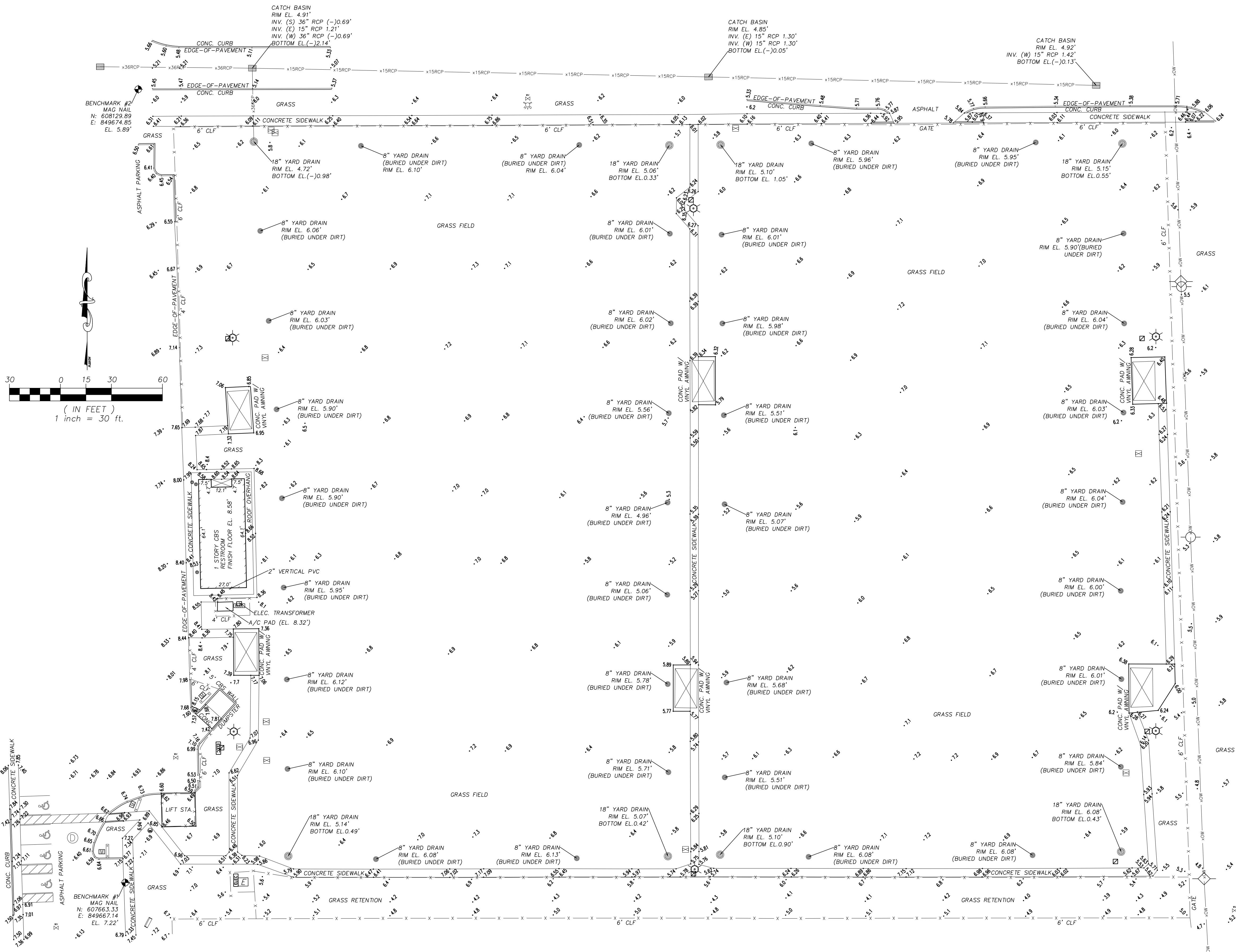
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1. *Journal of the American Medical Association*, 2000; 284: 2689-2694.

CFILE: \_\_\_\_\_



File Name: P:\Projects\2021\214270 West Pines Soccer Park\Survey\SKETCH\21-4270-V-TS-West Pines Soccer.dwg - (Plotted by: Steve Watts on Thursday, February 25, 2021 9:48:05 AM)



LOCATION SKETCH

**SYMBOL LEGEND**

- BACKFLOW PREVENTOR
- BENCH
- BOLLARD
- CATCH BASIN
- CLEANOUT
- CONCRETE LIGHT POLE
- CONC. POWER POLE
- DRAINAGE MANHOLE
- ELECTRIC HANDHOLE
- ELECTRIC METER\W/ RACK
- FENCE
- FIRE HYDRANT
- FPL TRANSFORMER PAD
- IRRIGATION VALVE
- OVERHEAD ELECTRIC
- SANITARY VALVE
- SIGN
- WATER METER
- WATER VALVE
- WOOD POWER POLE
- YARD DRAIN

**ABBREVIATIONS**

- A/C = AIR CONDITIONING
- B.C.R. = BROWARD COUNTY RECORDS
- BLDG. = BUILDING
- CLF = CHAIN LINK FENCE
- CONC. = CONCRETE
- CBS = CONCRETE BLOCK W STUCCO
- FPL = FLORIDA POWER & LIGHT
- INV. = INVERT
- LB = LICENSED BUSINESS
- NAVD88 = NORTH AMERICAN DATUM OF 1988
- PVC = POLYVINYL CHLORIDE
- PSM = PROFESSIONAL SURVEYOR & MAPPER
- STA = STATION
- W = WITH

**REPORT OF BOUNDARY SURVEY**

- Calvin, Giordano & Associates, did not research title for this property with the easements and legal description as shown hereon per a diligent search of the Public Records of Broward County, Florida.
- The purpose of this Map of Survey is to prepare a topographic survey of West Pines Soccer Park located at 350 S.W. 196TH Ave., Pembroke Pines, FL 33029.
- Calvin, Giordano & Associates, Inc. Certificate of Authorization Number is LB #6791.
- Not valid without the signature and original raised seal of a Florida Professional Surveyor & Mapper.
- Underground improvements and/or encroachments were not located as part of this survey task.
- The horizontal features shown hereon are plotted to within 1/30 of the map scale.
- Horizontal and vertical data shown hereon was obtained utilizing a "TOPCON ES-105" Total Station and "TDS-NOMAD" Data Collection System.
- Horizontal feature location is to the center of the symbol and may be enlarged for clarity.
- The elevations shown hereon are based on North American Vertical Datum of 1988 (NAVD88) and referenced to the Broward County Engineering Department (BCEd) Benchmark No. 3719, Elevation = 7.56' (NAVD88), (Published as 9.12' NGVD29), being a BCEd nail and tab in the concrete base of a light pole, 122' West of the centerline of NW 196th Avenue and 30' North of the North edge of pavement of Pines Boulevard.

**CERTIFICATION**

I, Steven M. Watts, do hereby certify that this Map of Topographic Survey was done under my direct supervision and is accurate and correct to the best of my knowledge and belief. I further state that this Map of Topographic Survey was completed in accordance with the Standards of Practice requirements for Surveying and Mapping in the State of Florida as stated in Rule 5J-17 of the Florida Administrative Code, pursuant to Florida Statutes, Chapter 472.027.

Date of Last Field Work: February 12, 2021

CALVIN, GIORDANO & ASSOCIATES, INC.

**Steven M. Watts** Digitally signed by Steven M. Watts  
Date: 2021.02.25 10:00:12 -05'00'

Signature  
Steven M. Watts, PSM  
Professional Surveyor and Mapper  
Florida Registration No. 4588

**SEAL**

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR & MAPPER

STEVEN M. WATTS  
PSM NO. 4588

**SCALE**

1" = 30'  
PROJECT No  
21-4270  
FIELD BOOK  
909

**SHEET:**

1 OF 1



**Calvin, Giordano & Associates, Inc.**  
EXCEPTIONAL SOLUTIONS  
1800 Eller Drive, Suite 600, Fort Lauderdale, Florida 33316  
Phone: 954.921.7781 • Fax: 954.921.8807

Certificate of Authorization 6791

**WEST PINES SOCCER PARK**  
**PEMBROKE PINES, BROWARD COUNTY, FLORIDA**

**MAP OF TOPOGRAPHIC SURVEY**

17 September 2020

Manny Synalovski, AIA, LEED AP  
Synalovski Romanik Saye  
1800 Eller Drive, Suite 500  
Fort Lauderdale, FL 33316

**Re: Results of Geotechnical Engineering Consulting Services  
Related to Surface Water Drainage Issues  
Fields 5 and 6 of West Pines Soccer Park  
200 SW 196<sup>th</sup> Avenue  
Pembroke Pines, Florida  
Langan Project No. 300271501**

Dear Manny:

This letter report provides a summary of our limited geotechnical field exploration and testing as well as our geotechnical evaluation performed to initiate the resolution of surface water drainage issues occurring in Fields 5 & 6 of West Pines Soccer Park in Pembroke Pines, Florida.

Elevations referenced in this report are in feet and relative to NGVD29, as shown on the provided survey and civil plans.

## **BACKGROUND INFORMATION**

According to the provided information and our conference call on 14 August 2020, we understand that the soccer fields of concern were constructed and opened to the public in 2013. Currently, the central portion of the subject fields has a continual standing water issue which precludes the fields from being used. We have been provided the following documents previously prepared for the subject project:

- Report of Geotechnical Engineering Services", dated 21 January 2020 and prepared by PSI (Intertek);
- "Report of Geotechnical Engineering Services", dated 3 August 2012 and prepared by PSI;
- A Grading and Drainage plan (C1), with the latest revision date of 11 March 2013 and prepared by Holland Engineering, Inc.
- Typical Sections (C4), with the latest revision date of 11 March 2013 and prepared by Holland Engineering, Inc.
- Typical Details (C5), with the latest revision date of 11 February 2013 and prepared by Holland Engineering, Inc.
- Numerous emails and contracting documents for previous construction activities.

The subject fields are located south of Pines Boulevard and west of SW 196<sup>th</sup> Avenue. The site is about 600 ft long (east-west direction) and about 450 ft wide (north-south direction). A former



large excavation ("lake") appears on the January 2007 aerial photograph. By November 2007, the lake does not appear on the aerial photograph and was obviously backfilled. The former lake was about 320 ft long (east-west direction) and about 160 ft wide (north-south direction) and was located approximately in the middle portion of the subject field's site.

## **FIELD EXPLORATION AND TESTING**

Langan performed a limited number of soil test borings and test pits at the site on 28 August 2020. This field exploration supplemented the previous work done by others (PSI in 2012 and 2020). For the most recent studies, the drilling and excavation activities were performed by specialty contractors subcontracted to Langan. All subsurface exploration activities were observed and documented by Langan's field geotechnical engineer under the guidance of Langan's senior project manager. The detailed soil test boring logs are included in Appendix A. For simplicity and brevity in presentation, the PSI studies are not appended to this report. The test pit logs and selected photographs are included in Appendix B.

### Soil Test Borings

Langan performed three soil test borings at the site, identified as B-1 through B-3. The borings were drilled to the depths of stable limestone material which varied dramatically on the site. Test boring B-1 was drilled to a depth of 8 ft; whereas, B-2 and B-3 were drilled to 40 ft and 18 ft, respectively. Boring B-2 is located within the former backfilled lake area, as identified on historical aerial photographs. The approximate outline of the former lake is shown on Figure 2. Standard Penetration Tests (SPT) was done continuously in the upper 10 depth and at 5-foot intervals thereafter. Additional continuous SPT sampling was performed at other depths to verify specific subsurface conditions. The SPT provides index values (N-values) from which the density and compressibility of the subsurface layers can be inferred. The SPT also provides samples of the subsurface materials for classification and laboratory index property testing.

### Test Pits

Three test pits were performed at the site, identified as TP-1 through TP-3. The test pits were excavated to depths of 3.5 to 11 ft below ground surface. The purpose of the test pits was two-fold: 1) to verify the upper portion of the soil material within and outside the former lake area, and 2) to verify the existing drainage system, particularly in the "low area" between the fields which is within the former lake that is experiencing the standing water conditions.

### Laboratory Testing

Representative samples were selected for laboratory testing. The laboratory testing consisted of grain size distribution in order to better classify the upper sandy fill materials and to better understand their drainage capabilities of these materials. Samples were selected from Test Pits TP-1 through TP-3 as well as Boring B-2 in the upper 0 to 10 ft depth range.

Photographs taken during the test pit excavations and exploration are included in Appendix B. The approximate locations of the test points performed by Langan are shown on Figure 2, "Borings and Test Pits Location Plan-Langan". The approximate locations of the Langan test borings and test pits combined with the PSI field testing program is provided on Figure 3.

---

## **SUBSURFACE CONDITIONS**

It is important to distinguish the conditions within the former lake backfill zone (or zones impacted by the lake backfill) and those outside the former lake backfill. Those outside the influence of the former lake excavation and backfill consist of relatively clean fill overlying limestone or cemented sand conditions. Those within the former lake backfill consist of erratic and deleterious backfill below an upper sandy fill. These conditions are described below.

### Within Former Lake Excavation and Outside Former Lake Area to the South

Test borings B-1 and B-2 were performed in the low area between the fields and the area to the south on the eastern field, respectively. As shown on Figure 2, boring B-1 was clearly in the old lake excavation backfill area. While B-2 is not in the outline of the former lake (as identified from aerial photographs), it is obviously within the zone of influence of the former excavation and backfill activities.

In these borings, beginning at the surface there is 2 to 3 inches of topsoil, followed by about 9 inches of light brown sand fill (in boring B-2 only). Below the topsoil or light brown sand fill, there is fill consisting of gray to brown fine sand with traces of limerock fragments, concrete fragments and silt. This stratum ranges from loose to medium dense with SPT N-values ranging from 4 to 16 blows per foot (bpf). This layer continues the 6 to 8 ft depth. Beginning at this depth, there is continued fill consisting of a deleterious black organic silt with some sand, tree debris and limerock fragments. This stratum ranges from loose to very loose with SPT N-values generally in the range of 1 to 6 bpf. This layer ranges from 9 ft thick at B-3 to as thick as 21.5 ft at B-2. At the 38 ft depth in boring B-2 and 17 ft depth in B-3, native materials were encountered. These consisted of cemented sand and limestone material.

Laboratory testing was performed to determine the grain size distribution of the varied sand materials. The light brown sand fill or the whitish tan sand fill found around the drainage pipe elements in the upper 0 to 2.5 ft was primarily fine grained (approximately 80 percent) with a relatively low silt/clay fraction of between 3.0 and 6.6 percent. The dark gray and brown fine sand to silty sand below and around the aforementioned sand was also determined to be primarily fine-grained (approximately 80 to 85 percent); however, silt/clay fraction was relatively high and generally in the 11.6 percent to 27.7 percent range.

### Outside Former Lake Area to the North - Native Conditions

Test boring B-3 was performed in the area to the northwest, outside of the previous lake excavation. Beginning at the surface, there is 2 to 3 inches of topsoil, followed by gray to brown fine sand or silty sand with traces to some limestone fragments. This stratum is loose to medium dense with SPT N-values of 4 to 12 bpf. Below this at the 5.5 ft depth, the native limestone was encountered. The limestone is hard with SPT N-values in excess of 50 bpf which is considered refusal type material.

### Groundwater

The groundwater level was first observed at a depth of about 8 ft in boring B-2. In test pits TP-1 and TP-2, groundwater was not observed when the excavations were as deep as approximately 10 to 11 ft, even after the test pits remained open for several hours. In test pit TP-3, performed in the low area, groundwater was observed at a shallow depth of only 1 to 1.5 ft from the surface.

This shallow reading is likely a perched water condition resulting from runoff waters being “perched or trapped” in the upper soil horizon in this area.

## **RESULTS OF LABORATORY TESTING**

Langan performed grain size distribution testing on representative select sand samples within the upper 10 ft, found within or around the former lake backfill area. This included the following:

- Near surface whitish tan sand or light brown sand fill surrounding the drainage system pipes
  - This sand was predominantly fine-grained with about 80 percent of the sand fraction falling within the fine sand range. The silt/clay fraction was relatively low with 3.0 to 6.6 percent falling in the clay/silt fraction range.
- Gray and brown fine sand with some silt or silty sand fill below and around the drainage sand and extending from the 1 to 10 ft depth in and around the former backfilled lake area
  - This sand was also a fine-grained sand distribution with about 75 to 85 percent of the sand falling into this fraction. However, the silt/clay fraction of this predominant sand found in the upper 10 ft was relatively high at about 11.6 percent to 27.7 percent

## **EVALUATION OF RESULTS AND DRAINAGE ISSUES BEING EXPERIENCED**

Based on the results of our current subsurface investigation, our review of the subsurface explorations by others, and our review of the provided civil engineering plans, we have determined the following:

- In general, the civil engineering plans developed appear to be well prepared and provide a surface drainage collection system that should perform as intended. In fact, it is our observation that the majority of the west field and the northern and eastern portions of the east field appear to be functioning well. No signs of ponding or surface distress were observed anywhere, except in the central zone (on the western side of the eastern field and the zone between the fields). This area corresponds with the previous lake backfill zone, approximately as outlined on Figure 2.
  - The civil engineer associated with this rehabilitation effort, Flynn Engineering, should further comment on the current drainage system design and its ability to theoretically remove the design stormwater through its system of multi-flow yard drain and perimeter drain piping system.
- The primary concern is the presence of the former backfilled lake, as discussed above.
- As identified in Langan boring B-2 as well as the PSI borings P-1 through P-3, the former lake backfill consists of highly deleterious organic silt and tree debris material beginning

at depths ranging from 6 to 15 ft and extending to depths of 15 to 38 ft. This material is the excavated surficial waste resulting from site demucking and grubbing activities.

- This randomly placed deleterious fill is considered erratic and highly compressible from a geotechnical engineering perspective.
- Results of the relative surface elevation survey performed by Langan (Figure 4) indicates that the area of the former lake backfill has developed into a low spot, being about 1 to 1.5 ft lower than the areas surrounding it. While some downward surface grading is shown on the original plans to allow for surficial drainage into the area, it appears that the area has settled about a foot or more since its final grading at original completion. This settlement pattern creates a complete disruption in the drainage system performance since the lateral perimeter drains in the central zone (between Fields 5 and 6) cannot carry the infiltrated waters to the corner collection drains and then out to the disposal location the west. Instead the surface waters simply drain into this sunken central area and pond at the surface and within the drainage rock trenches that envelope the perimeter drain system.
  - This was observed during the excavation of test pit TP-3. The surface area was not ponded at the time of our subsurface exploration; however, upon excavating only 1 to 1.5 ft to uncover the perimeter drain system, groundwater was found in the drainage rock backfill. This perched water was simply not draining readily into the underlying soils. As previously mentioned, test pits outside this area did not find groundwater to depths as deep as 10 ft.
- The gray and brown fine sand and silty sand fills overlying deleterious organic silt and tree debris were found to be fine-grained sand and contain relatively high silt/clay fraction. Hence, their vertical infiltration capacity is limited. Therefore, ponded waters in this sunken area will not infiltrate readily and the ponded water will remain for long periods of time.

## **CONCLUSIONS AND RECOMMENDED NEXT-STEPS FORWARD IN REMEDIAL MEASURES**

Based on our evaluation of the data as discussed above, we conclude the following:

- The primary causation to the drainage issues being experienced at the site is the settlement that has been experienced in the previous lake backfill zone. This approximate 1+ foot of settlement over a relatively large area in the central zone of the overall site has led to a disruption in the perimeter drainage system located in the middle zone between Fields 5 and 6. This drainage disruption, combined with the depressed surface elevations in the area has created a drainage sump area where surface water runoff ponding occurs.
- In addition, the relative fineness of the sand backfill with high silt/clay fraction, in the upper 10 ft in the lake backfill area, has exacerbated the water ponding conditions. This

backfill material has a relatively low infiltration rate and does not readily allow the ponded water to infiltrate into the ground in the lake backfill area.

We offer the following suggestions to improve drainage within the subject area.

Option 1 – Ground Improvement within the Former Lake Backfill Zone and Re-establish Drainage System with Enhanced Features

This option provides the least long-term risk of future recurrence of the drainage issues, but is the most costly. This option includes ground improvement within the previous lake backfill zone. The ground improvement would stabilize the erratic and compressible backfill materials from further future compression; thus, minimizing the risk of future drainage system disruptions once the drainage system is repaired. The primary option to ground improvement consists of the following:

- Preloading the previous lake backfill area to “precompress” the ground would be the most simplistic and practical approach to ground improvement. Preloading consists of the placement of a minimum 5 to 7 ft of soil surcharge, above finished design grade, within the limits of the previous backfilled lake and extending at least 10 ft beyond the previous limit edges in all directions. The surcharge mound is left in place for a period of time and the ground settlement is monitored at several control points using tradition elevation survey techniques. The time period to allow for compression under the surcharge fill load is expected to be at least 3 to 4 months, if not longer. Once complete, the preloaded area would be stable from any significant future movements. At this point, the perimeter and interior drainage system could be reconstructed in the zone of concern that has experienced the drainage system disruption. In our opinion, the drainage system beyond the zone of concern could be left intact as it has been performing adequately based on the observed condition of field in these other areas. The civil engineer should comment on this.
- Another ground improvement option that is technically viable, albeit a bit rare for the condition at hand, would be the use of vibro-replacement or “stone columns” to essentially reinforce the ground and reduce its compressibility. The stone columns are placed using a vibratory probe and the crushed stone aggregate is fed through a hopper system to allow for the construction of well-compacted columns of stone, typically about 18 to 24 inches in diameter. The stone columns are constructed from stable ground at depth to near the existing surface. The stone columns would be placed on a grid pattern in the zone of concern, on approximately 8 to 12 ft spacings. A “load transfer platform”, consisting of a geosynthetically-reinforced compacted sand fill layer about 2 to 3 ft thick, is constructed atop the stone columns to carry the loads of the surface improvements to the stone columns. While technically viable, we do not recommend this approach for the current condition.
- As a “belt and suspenders” approach to the drainage issue being experience, we also recommend that a redundant drainage system be used to complement the perimeter drainage system in the zone of previous lake backfill. This redundant system would be

an exfiltration trench about 15 ft deep, continuous and interconnected to the areas outside of the previous backfill where good exfiltration capacity was measured in the PSI percolation tests. So in essence, the exfiltration trench would be constructed in line with and below the design perimeter drainage system on the western side of the eastern field. The length of trench would be dependent on the civil engineers' stormwater design exfiltration capacity required; however, it will likely run at least the entire north-south alignment of the site, if not additionally in the east-west direction (on the north side). The exfiltration trench system would act as a redundant system with the capacity to fully discharge the stormwater runoff within the trench alignment length outside the former backfill zone. The exfiltration trench within the former backfill zone would serve the primary purpose of collection and flow to the zones of more stable exfiltration in the native ground to the north and south.

#### Option 2 – Redesign Surface Drainage Grading, Re-establish Drainage System with Enhanced Drainage Features

This option presents more risk to the owner than Option 1, but would certainly be less costly. This option considers that a large portion of the ground settlement associated with the erratic and compressible backfill soils has already occurred. In soil mechanic's theory, greater settlements occur during the initial stages of loading of compressible materials and settlement continues to diminish with time. We are not aware of any monitoring data, in the form of settlement elevation surveys over time in the zone of concern. However, we anticipate that the weak and compressible backfill soils identified in the subsurface studies, would follow similar soil mechanics settlement trends. Hence, considering that 6 to 7 years of time have passed since initial construction, we would anticipate that much of the settlement associated with the site improvements would have occurred during this time. Assuming approximate 12 inches of settlement occurred in the past 7 years in the zone of concern, this translates to about 1 ½ inches of settlement per year on average. We would expect the future settlement to occur at a significantly lesser rate; nonetheless, without any monitoring data to reference, it is recommended that about ½ inch of settlement per year over a 20-year life be considered. Hence, a 10 to 12 inch long-term future differential movement in this area should be accounted for in the rehabilitation design. Considering this, the following option is presented.

- To account for the continued long-term settlement potential in the area of concern, the site grading should be reconfigured accordingly. We recommend that somewhat exaggerated surface sloping be implemented to promote surface water movement in the desired directions.
- Similarly, the rehabilitated perimeter and yard drain systems should also be enhanced and exaggerated to account for the continued long-term settlement.
- As stated in Option 1, a "belt and suspenders" approach to the drainage issue should be implemented. Similarly, for Option 2, we recommend that a redundant drainage system be used to complement the perimeter drainage system in the zone of previous lake backfill. This redundant system would be an exfiltration trench about 15 ft deep,

continuous and interconnected to the areas outside of the previous backfill where good exfiltration capacity was measured in the PSI percolation tests. So in essence, the exfiltration trench would be constructed in line with and below the design perimeter drainage system on the western side of the eastern field. The length of trench would be dependent on the civil engineers' stormwater design exfiltration capacity required; however, it will likely run at least the entire north-south alignment of the site, if not additionally in the east-west direction (on the north side). The system would act as a redundant system with the capacity to fully discharge the stormwater runoff within the trench alignment length outside the former backfill zone. The exfiltration trench within the former backfill zone would serve the primary purpose of collection and flow to the zones of more stable exfiltration in the native ground to the north and south.

## **OTHER CONSIDERATIONS**

### **Imported Drainage Fill Used Around Drainage Elements**

During the rehabilitation of the perimeter drainage system, the imported drainage fill used around the multi-flow or traditional piping elements should consist of inorganic medium to coarse-grained sand free of deleterious materials with no more than 6 percent passing the No. 200 sieve. The material that was previously utilized is fine-grained sand. The imported fill should be approved by a qualified geotechnical engineer. All imported material shall be certified as environmentally free of contamination. Grain size analysis and Wash 200 test methods should be performed on imported fill materials at the discretion of the geotechnical engineer.

The fill materials must be placed under the observation of a qualified geotechnical. The fill should be placed in lifts of no greater than 12 inches thick, and each lift should be lightly compacted to about 90 percent of the maximum dry density according to ASTM D1557.

### **Preparation of Rehabilitation Plans and Specifications**

Once a desired rehabilitation approach is selected, the civil engineer and geotechnical engineer should be contracted to perform continued engineering design efforts in order to develop a set of rehabilitation plans and specifications. This set of plans can be used for bidding purposes.

### **Engineering Inspection During Rehabilitation Construction Activities**

During the rehabilitation construction activities, full-time engineering monitoring should be performed for the owner, the City of Pembroke Pines. This includes monitoring during all earthwork activities, exfiltration trench system installation and drainage system installation activities. The engineering inspection work is critical to assure that the plans and specifications are appropriately adhered to in order to assure functionality in the future.

## **LIMITATIONS**

The limited explorations, testing and evaluations discussed herein are our best engineering judgment as to drainage issue at the site and viable drainage improvement systems for the proposed site conditions.



Should you have any questions concerning this letter, please contact us at 786-264-7200.

Sincerely,  
**Langan Engineering and Environmental Services, Inc.**



Feng Lu, P.E.  
Senior Project Engineer  
Professional Registration No. 54626



Roger A. Archabal, P.E.  
Principal/Vice President  
Professional Registration No. 48404



raa:fl

Enclosures: Figure 1 - Site and Vicinity Map  
Figure 2 - Boring and Test Pit Location Plan - Langan Only  
Figure 3 - Boring and Test Pit Location Plan - Previous Studies and Langan  
Figure 4 - Relative Surface Grade Readings  
Appendix A – Langan Soil Test Boring Logs  
Appendix B – Langan Test Pit Logs and Photographs

cc: Dennis Schultz, P.E./Flynn Engineering

FL Certificate of Authorization No. 6601

\\langan.com\data\MI\A\data5\300271501\Project Data\_Discipline\Geotechnical\Reports\2020-09-16 West Pines Soccer Fields-final.docx



SCALE : 1" = 1000'

### LEGEND:

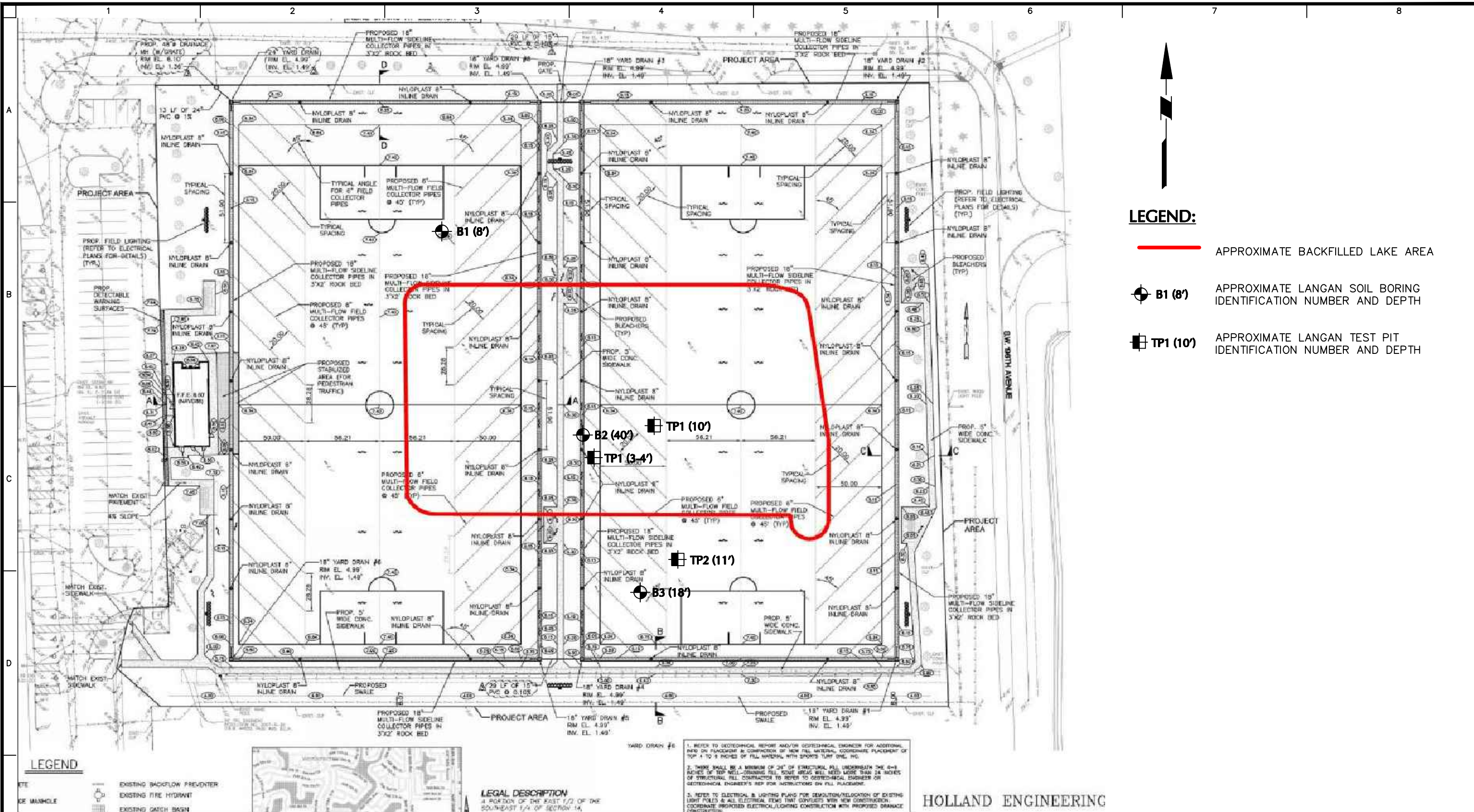
— APPROXIMATE PROPERTY BOUNDARY

### NOTES:

1. BASE PLAN PRODUCED BY GOOGLE EARTH (2020)

<b>LANGAN</b> Langan Engineering and Environmental Services, Inc. 15150 NW 79th Court, Suite 200 Miami Lakes, FL 33016 T: 786.264.7200 F: 786.264.7201 www.langan.com FL Certificate of Authorization No. 00006601/LB8172/LB8198	Project <b>WEST PINES SOCCER PARK</b> 200 SW 196TH AVENUE PEMBROKE PINES FLORIDA	Drawing Title <b>SITE AND VICINTY MAP</b>	Project No. 300271501	Drawing No.  <b>FIG.1</b>  Sheet 1 of 4
			Date SEPTEMBER 2020	
			Drawn By MY	
			Checked By RA	





**NOTES:**

1. BASE PLAN REPRODUCED FROM HOLLAND ENGINEERING PLAN SHEET C1, DATED 11 MARCH 2013

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FL Certificate of Authorization No. 00006601/LB8172/LB8198

Project

**WEST PINES SOCCER  
PARK**

200 SW 196TH AVENUE  
PEMBROKE PINES  
MIAMI-DADE FLORIDA

Drawing Title

**BORING AND TEST PIT  
LOCATION PLAN - LANGAN  
ONLY**

Project No.  
300271501

Date  
SEPTEMBER 2020

Drawn By  
MY

Checked By  
RA

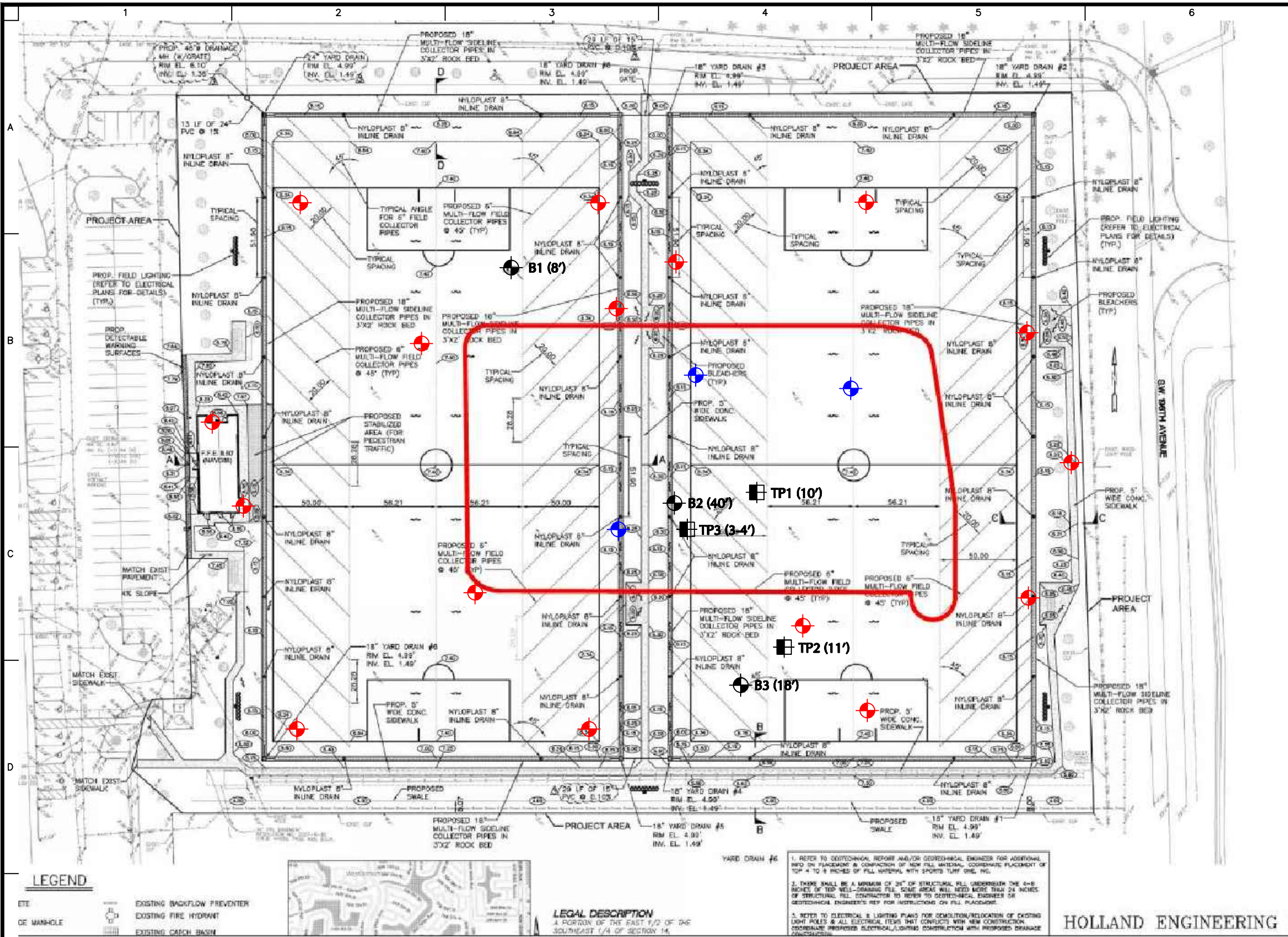
Drawing No.

**FIG. 2**

Sheet 2 of 4

Filename: \\Langan.com\data\MI\data\300271501\Project Data\Discipline\Geotechnical\Reports\Appendix\CAD Files\West Pines Soccer Field.dwg Date: 9/17/2020 Time: 10:33 User: mhuuduyahaya Style Table: Langan.stb Layout: FIG.2





**LEGEND:**

- APPROXIMATE BACKFILLED LAKE AREA
- ⊕ B1 (8') APPROXIMATE LANGAN BORING IDENTIFICATION NUMBER AND DEPTH
- ⊕ TP1 (10') APPROXIMATE LANGAN TEST PIT IDENTIFICATION NUMBER AND DEPTH
- ⊕ APPROXIMATE PSI SOIL BORING/PERCOLATION LOCATION (2012)
- ⊕ APPROXIMATE PSI SOIL BORING/PERCOLATION LOCATION (2020)

- NOTES:**
1. BASE PLAN REPRODUCED FROM HOLLAND ENGINEERING PLAN SHEET C1, DATED 11 MARCH 2013

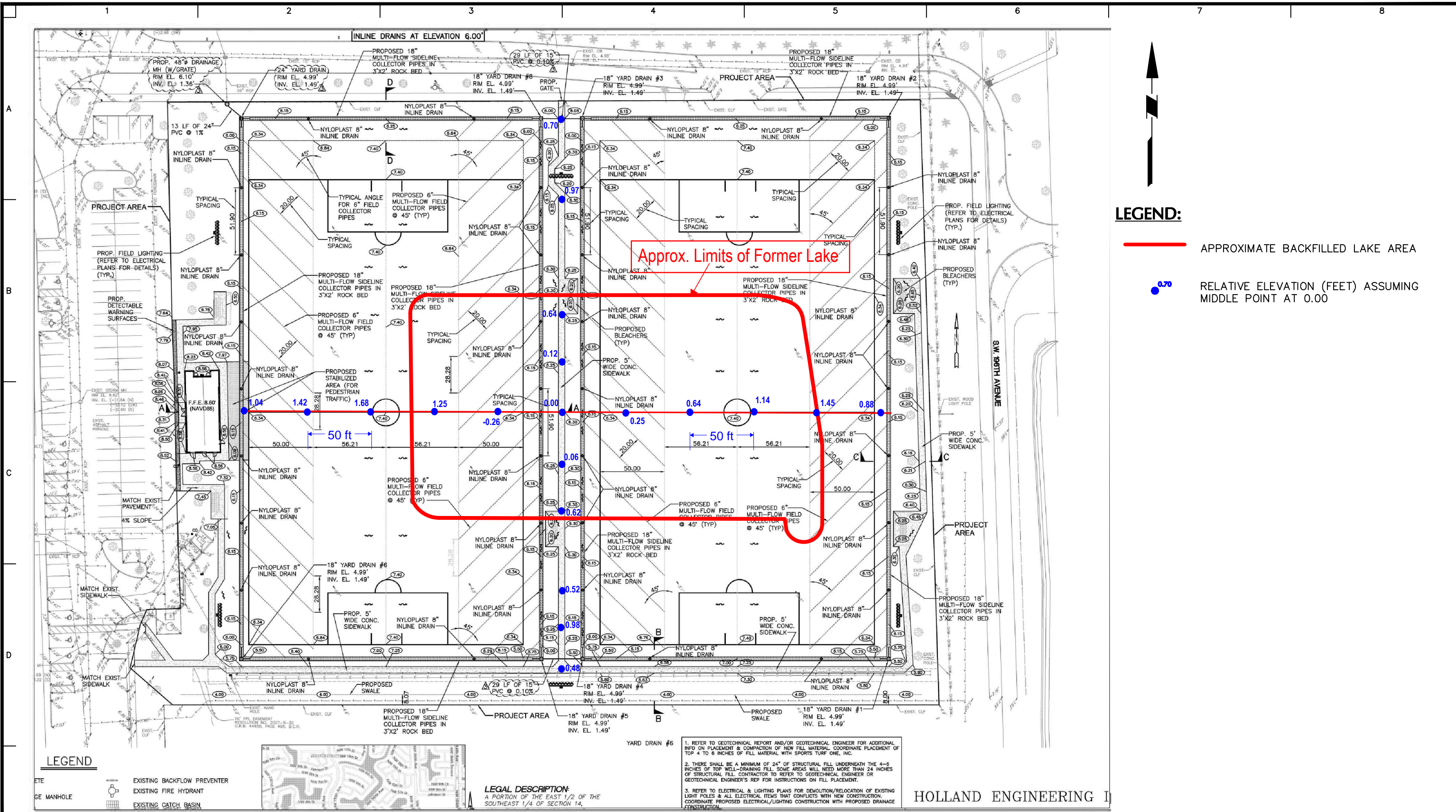
**LANGAN**  
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FL Certificate of Authorization No. 00006601/LB8172/LB8198

Project  
**WEST PINES SOCCER  
PARK**  
200 SW 196TH AVENUE  
PEMBROKE PINES  
MIAMI-DADE FLORIDA

Drawing Title  
**BORING AND TEST PIT LOCATION  
PLAN - PREVIOUS STUDIES AND  
LANGAN**

Project No. 300271501	<b>FIG. 3</b>
Date SEPTEMBER 2020	
Drawn By MY	
Checked By RA	
Sheet 3 of 4	





**NOTES:**

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**Project**

**WEST PINES SOCCER PARK**

200 SW 196TH AVENUE  
PEMBROKE PINES  
MIAMI-DADE FLORIDA

**Drawing Title**

**RELATIVE SURFACE GRADE  
BASED ON SPOT READINGS**

**Project No.**  
300271501

**Date**  
SEPTEMBER 2020

**Drawn By**  
MY

**Checked By**  
RA

**Drawing No.**  
**FIG. 4**

**Sheet 4 of 4**

**APPENDIX A**

**LANGAN SOIL TEST BORING LOGS**

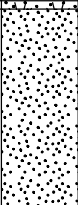



PROJECT Fields 5 & 6 of West Pine Soccer Pines				PROJECT NO. 300271501			
LOCATION 200 SW 196th Ave, Pembroke Pines, Florida				ELEVATION AND DATUM Approx. + 6.2 (ft, NGVD)			
DRILLING EQUIPMENT CME-55 (Truck Mounted)				DATE STARTED 8/28/20		DATE FINISHED 8/28/20	
COMPLETION DEPTH 8 ft.							
SIZE AND TYPE OF BIT 2-7/8" Tricone Roller Bit				NUMBER OF SAMPLES 4		DIST. UNDIST.	
CASING DIAMETER (in) N/A				WATER LEVEL (ft.) N/A		CORE 24 HR.	
CASING DEPTH(ft) N/A				FIRST ▽		COMPL. ▽	
SAMPLER 2-inch-diameter split spoon				DRILLING FOREMAN Carlos Molinares			
SAMPLER HAMMER Automatic		WEIGHT(lbs) 140lbs		DROP(in) 30inches		INSPECTING ENGINEER Tarquino Pacheco	

ELEV. (ft)	SAMPLE DESCRIPTION	SYMBOL LOG	DEPTH SCALE	SAMPLE DATA						REMARKS (DRILLING FLUID, DEPTH OF CASING, FLUID LOSS, DRILLING RESISTANCE, ETC.)
				NUMBER	TYPE	RECOV. (in)	PENETR. RESIST BL/6in	N-VALUE BLOWS PER FT		
+6.2	2"-3" Topsoil		5	S-1	SS	24	3	6	12	
	Gray to brown fine SAND, trace limerock fragments									
	Gray to brown fine SAND, trace to some silt and limerock fragments									
+2.2	Dark brown silty SAND with organics		5	S-2	SS	8	1/12"	4	4	
+0.7	White LIMESTONE, some sand		5	S-3	SS	12	7	5	11	
-1.8	B-1 terminated at 8 feet		10	S-4	SS	14	14	15	65/9"	
			15							
			20							
			25							
			30							
			35							
			40							



PROJECT Fields 5 & 6 of West Pine Soccer Pines			PROJECT NO. 300271501							
LOCATION 200 SW 196th Ave, Pembroke Pines, Florida			ELEVATION AND DATUM Approx. + 4.5 (ft, NGVD)							
DRILLING EQUIPMENT CME-55 (Truck Mounted)			DATE STARTED 8/28/20		DATE FINISHED 8/28/20	COMPLETION DEPTH 40 ft.				
SIZE AND TYPE OF BIT 2-7/8" Tricone Roller Bit			NUMBER OF SAMPLES		DIST. 12	UNDIST. CORE				
CASING DIAMETER (in) 2 3/4"		CASING DEPTH(ft) 38	WATER LEVEL (ft.) ▽ 8		COMPL. ▽	24 HR. ▽				
SAMPLER 2-inch-diameter split spoon			DRILLING FOREMAN Carlos Molinares							
SAMPLER HAMMER Automatic		WEIGHT(lbs) 140lbs	DROP(in) 30inches							
			INSPECTING ENGINEER Feng Lu / Tarquino Pacheco							
ELEV. (ft)	SAMPLE DESCRIPTION	SYMBOL LOG	DEPTH SCALE	SAMPLE DATA				REMARKS (DRILLING FLUID, DEPTH OF CASING, FLUID LOSS, DRILLING RESISTANCE, ETC.)		
				NUMBER	TYPE	RECOV. (in)	PENETR RESIST BL/6in	N-VALUE BLOWS PER FT		
+4.5	2"-3" Topsoil		5	S-1	SS	22	2 3 4 4	7		
	Light brown fine SAND			S-2	SS	24	2 3 6 11	9		
	Brown to dark brown and gray fine SAND, some silt, trace limerock and concrete fragments			S-3	SS	20	5 9 6 4	15		
				S-4	SS	10	2 2 2 2	4		
				S-5	SS	20	1 2 2 2	4		
-4.5	Dark brown silty SAND, some tree debris		10	S-6	SS	0	WH/12" 1 2	1		
				S-7	SS	8	1 WH/12" 1			
				S-8	SS	20	1 WH/6" 1 WH/6"	1		
				S-9	SS	4	8 21 2 1	23		
				S-10	SS	8	2 1 2 2	3		
-27.0	Light gray SILT, some sand and tree debris		35	S-11	SS	4	WH/24" WH/24"			
				S-12	SS	22	14 24 42 20	66		
-33.5	Light gray to light brown CEMENTED SAND, some sand									
-35.5	B-2 terminated at 40 feet									

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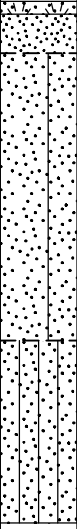
## **APPENDIX B**

### **LANGAN TEST PIT LOGS AND PHOTOGRAPHS**

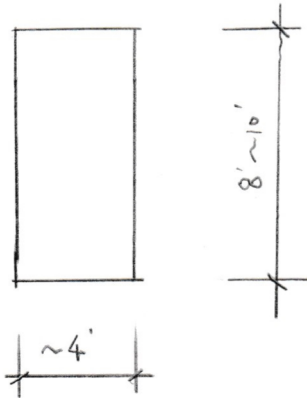
# LOG OF TEST PIT TP-1

Sheet 1 of 1

PROJECT NAME Fields 5 & 6 of West Pine Soccer Pines	PROJECT NUMBER 300271501	DATE 8/28/20
LOCATION 200 SW 196th Ave, Pembroke Pines, Florida	ELEVATION Approx. + 5 (ft, NGVD)	
EXCAVATION CONTRACTOR Chin Diesel, Inc.	DEPTH 10 ft	WATER LEVEL - First - ▽
EQUIPMENT Bobcat E85 Mini Excavator	FOREMAN Neville Shin	WATER LEVEL - Completion - ▼
		LANGAN PERSONNEL Feng Lu

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+5.0	2"-3" Topsoil	0			
	+4.0	Light brown fine SAND	1			
			2			
			3			
		Brown to gray fine SAND, some silt, trace to some limerock fragments and tree debris	4			
			5			
			6			
	-1.5		7			
		Dark brown organic silty SAND, trace to some tree debris	8			
			9			
	-5.0		10			Note: no groundwater was observed at excavation bottom.
			11			
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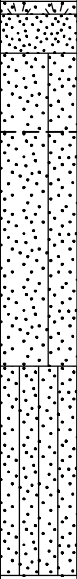
PLAN VIEW OF APPROXIMATE TEST PIT SIZE

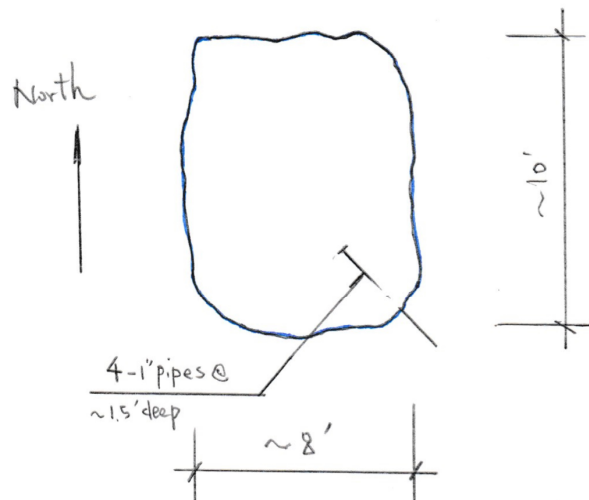
\\LANGAN.COM\DATA\MIDATA\300271501\PROJECT DATA\DISCIPLINE\GEOTECHNICAL\GINTLOGS\300271501 - TEST PIT LOG.GPJ ... 9/10/2020 6:38:20 PM ... Report Log - LANGANTP

# LOG OF TEST PIT TP-2

Sheet 1 of 1

PROJECT NAME Fields 5 & 6 of West Pine Soccer Pines	PROJECT NUMBER 300271501	DATE 8/28/20
LOCATION 200 SW 196th Ave, Pembroke Pines, Florida	ELEVATION Approx. + 5 (ft, NGVD)	
EXCAVATION CONTRACTOR Chin Diesel, Inc.	DEPTH 11 ft	WATER LEVEL - First - ▽
EQUIPMENT Bobcat E85 Mini Excavator	FOREMAN Neville Shin	WATER LEVEL - Completion - ▼
		LANGAN PERSONNEL Feng Lu

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+5.0	2"-3" Topsoil	0			
	+4.0	Light brown fine SAND	1			
		White fine SAND, trace to some silt	2			
	+2.5		3			
		Gray to brown fine SAND, some limerock fragments and silt trace of tree debris	4			
			5			
			6			
	-2.0		7			
		Black organic silty SAND to sandy SILT, trace to some tree debris	8			
			9			
			10			
	-6.0		11			Note: no groundwater was observed at excavation bottom.
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PLAN VIEW OF APPROXIMATE TEST PIT SIZE

**LANGAN**

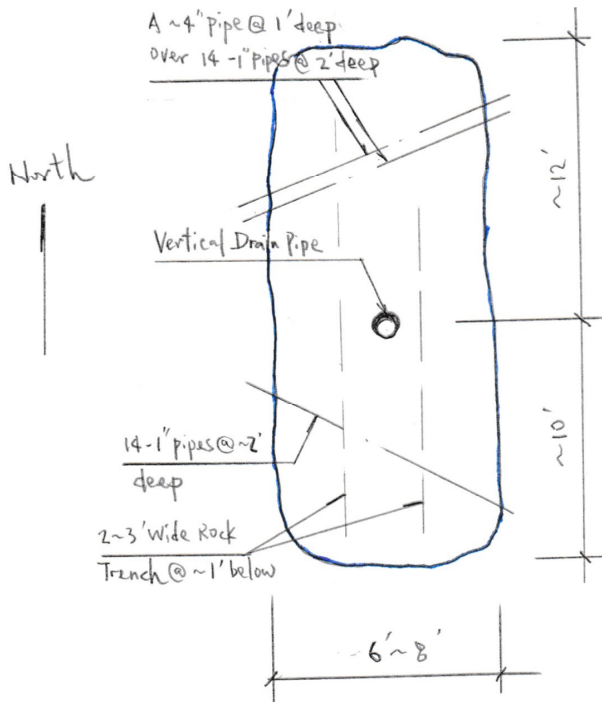
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# LOG OF TEST PIT TP-3

Sheet 1 of 1

PROJECT NAME Fields 5 & 6 of West Pine Soccer Pines	PROJECT NUMBER 300271501	DATE 8/28/20
LOCATION 200 SW 196th Ave, Pembroke Pines, Florida	ELEVATION Approx. + 4.5 (ft, NGVD)	
EXCAVATION CONTRACTOR Chin Diesel, Inc.	DEPTH 3.5 ft	WATER LEVEL - First 1.5 ft
EQUIPMENT Bobcat E85 Mini Excavator	FOREMAN Neville Shin	LANGAN PERSONNEL Feng Lu

Symbol	ELEV (feet)	DESCRIPTION	Depth Scale	SAMPLE		REMARKS
				Number	Type	
	+4.5	2"-3" Topsoil	0			
	+3.5	Light brown fine SAND	1			
		Brown to gray fine SAND, trace to some silt and limerock fragments	2			
	+1.0		3			
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PLAN VIEW OF APPROXIMATE TEST PIT SIZE





Test Pit 1: Excavated material from 0 to 6.5 ft



Test Pit #1: Excavated material from 6.5 to 10 ft





Test Pit #1: View of Excavation (Note: groundwater not observed to 10 ft)





Test Pit #2: Exposed surficial soil and yard drain pipes (0-2.5 ft)



Test Pit #2: Excavated material from 2.5 to 7 ft





Test Pit #2: Excavated material from 7 to 11 ft



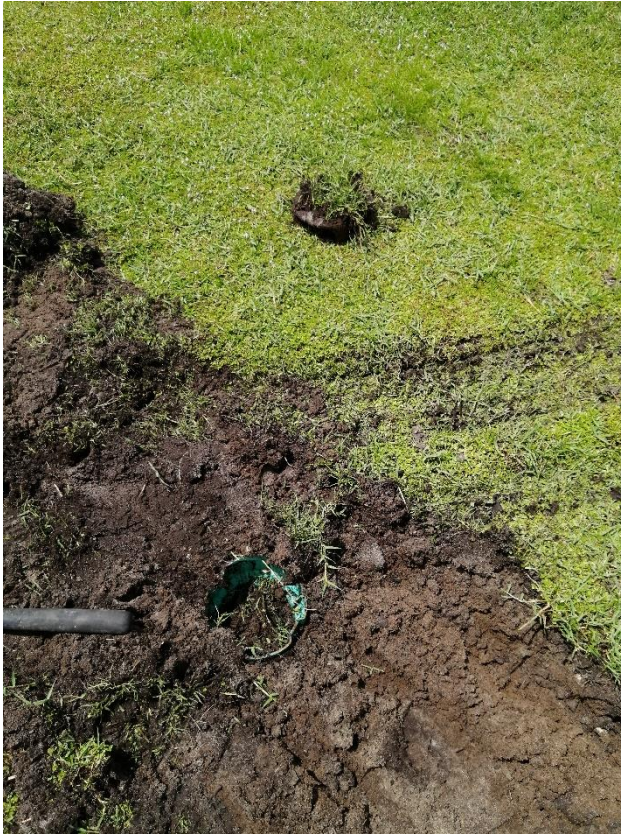
Test Pit #2: View of excavation, facing south (Note: caving occurred in the upper 7 ft)





Test Pit #2: View of excavation, facing north (Note: groundwater not observed to 10+ ft and caving occurred in the upper 7 ft during excavation)





Test Pit #3: Existing vertical drain pipe (filled with soil)



Test Pit #3: An exposed drainage pipe



Test Pit #3: Encountered shallow groundwater on north side of the vertical drain pipe





Test Pit #3: Exposed drainage and yard drain pipes, south side of the vertical drain pipe



Test Pit #3: Overview of excavation, facing south

# **SPECIFICATIONS/PROCEDURES FOR SITE PREPARATION AND EARTHWORK**

**WEST PINES SOCCER PARK FIELDS 5 AND 6**

**350 SW 196<sup>th</sup> Avenue**

**Pembroke Pines, Florida 33029**

*Prepared For:*

**Synalovski Romanik Saye**

**1800 Eller Drive, Suite 500**

**Fort Lauderdale, Florida 33316**

*Prepared By:*

**Langan Engineering & Environmental Services, Inc.**

**15150 N.W. 79<sup>th</sup> Court, Suite 200**

**Miami Lakes, Florida 33016**

**FL Certificate of Authorization No. 00006601**



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**Feng Lu, P.E.**

**Senior Project Manager**

**Professional Engineer License No. 54626**



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**Roger A. Archabal, P.E.**

**Principal/Vice President**

**Professional Engineer License No. 48404**

**LANGAN**

**15 July 2021**

**300271501**

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# Attachment K - Earthwork Technical Specifications

## 1.0 GENERAL

- 1.1 These recommended specifications/procedures cover the required site preparation and earthwork, including removal/replacement, proofrolling surface compaction, trench excavation and backfilling for renovation of the proposed West Pines Soccer Park Fields 5 & 6 in Pembroke Pines, Florida. In general, this includes classification and application of on-site processed fill materials or imported fill materials, site clearing and stripping, soccer field subgrade preparation (including cutting, or raising grade with engineered fill and proofrolling subgrade), and utility line trench excavation and backfilling.
- 1.2 The work should be performed in accordance with the procedures outlined herein and the latest design set of Civil Plans (the Project Plans) prepared by Flynn Engineering.
- 1.3 The following sections are included in these specifications:
- |                  |   |
|------------------|---|
| <b>Section 1</b> | <b>GENERAL</b>  |
| <b>Section 2</b> | <b>CONTRACTOR'S RESPONSIBILITY</b>                              |
| <b>Section 3</b> | <b>LAYOUT, SURVEYS, ENGINEERING INSPECTION AND TESTING</b>      |
| <b>Section 4</b> | <b>CLASSIFICATION OF MATERIALS</b>                              |
| <b>Section 5</b> | <b>SITE CLEARING AND STRIPPING</b>                              |
| <b>Section 6</b> | <b>SOCCER FIELD SUBGRADE PREPARATION</b>                        |
| <b>Section 7</b> | <b>EXCAVATION, DEWATERING, AND PLACEMENT OF ENGINEERED FILL</b> |
| <b>Section 8</b> | <b>MINIMIZATION OF CONSTRUCTION IMPACTS TO ADJACENT SITES</b>   |
- 1.4 The work shall comply with all local codes and regulations having jurisdiction.
- 1.5 All elevations shown here are in feet and relative to NAVD88.

## 2.0 CONTRACTOR'S RESPONSIBILITY

- 2.1 The Contractor shall be responsible for: 1) the performance of all work in accordance with and to the lines and grades shown on the Project Plans and indicated in these specifications and, 2) any related work necessary such that the indicated work can be satisfactorily completed. Deviations from these specifications and the project plans will be permitted only upon written authorization from Langan Engineering and Environmental Services Inc., herein identified as the Geotechnical Engineer, Flynn Engineering, herein identified as the Civil Engineer, Synalovski Romanik Saye, herein identified as the Owner's Representative, and City of Pembroke Pines, herein identified as the Owner.
- 2.2 The Contractor shall provide sufficient manpower, experienced superintendent(s) and equipment operators, and proper equipment to perform the work specified herein in a timely and efficient manner as required by the Owner or the Owner's representative.
- 2.3 The Contractor shall obtain all necessary permits relating to site preparation and the ground improvement work described herein, as required by the appropriate regulatory agencies, unless otherwise directed by the Owner or the Owner's representative.
- 2.4 The Contractor shall consult the latest version of the Project Plans that show the

## Attachment K - Earthwork Technical Specifications

construction limits, the site demolition requirements, the proposed grading and drainage details, utility trench elevations and details, and other related details.

- 2.5 The Contractor shall be responsible for all safety requirements for the work of their crews, and for maintaining all records required by OSHA. The Contractor shall provide dust control for the job at all times.

### **3.0 LAYOUT, SURVEYS, ENGINEERING INSPECTION AND TESTING**

- 3.1 The Contractor shall schedule and coordinate all necessary layout, surveys, as well as inspections/testing with the Geotechnical Engineer and the Owner's Representative so as to facilitate timely completion of the work specified herein.
- 3.2 The Contractor will layout the limits of work described herein and as shown on the project plans or drawings prepared by the Civil Engineer.
- 3.3 All site preparation and earthwork activities, including but not limited to removal/replacement, raising grades with engineered fill (including the processed on-site fill and imported granular fill), grading and proofrolling subgrade surface, and utility excavation and backfilling, shall be performed under the inspection of the Geotechnical Engineer.
- 3.4 The Geotechnical Engineer will classify on-site and imported fill materials, inspect and test subgrade preparation and engineered fill placement, and inspect the backfilling activities within excavated trenches. The Geotechnical Engineer will also perform all necessary laboratory tests to classify the fill materials.
- 3.5 The Contractor shall cooperate and coordinate with the Geotechnical Engineer for efficient inspection, fill approval, and testing.

### **4.0 CLASSIFICATION OF MATERIALS**

During the course of the site preparation and earthwork activities, fill will be required to raise the grade, backfill within utility trenches, and walkway subgrade preparation. The Contractor shall use the different types of material specified herein as directed by the Owner's Representative and Geotechnical Engineer. The Contractor shall provide, at time of bid, unit prices for the imported materials. Samples of the imported material used for the engineered fill, and its corresponding source, shall be submitted for review and approval by the Geotechnical Engineer and the Owner's Representative at least 7 days prior to its delivery to the job site. The imported material must meet all geotechnical requirements presented herein and be certified as environmentally free of contamination.

The materials to be involved in the work are classified as follows:

- 4.1 Engineered Fill.  
Select fill, placed and compacted to raise grade or backfill within utility trenches or serve as the walkway pavement subgrade shall be considered as engineered fill. It may consist of approved on-site processed fill or Imported Fill. The fill should be placed in lifts of no greater than 12 inches thick, and each lift should be compacted with either a 5-ton static roller or a

## Attachment K - Earthwork Technical Specifications

heavy plate compactor to 95% of the material's maximum dry density as determined by ASTM D1557.

### 4.1.1 On-Site Processed Fill

After separation and removal of most of the unsuitable materials, such as pockets of topsoil/organic/silt material and large size debris or rock (greater than 6 inches), where encountered, the on-site surficial sandy material can serve as the engineered fill for raising grade throughout the site.

4.1.2 Imported Fill material used as Engineered Fill shall be clean granular material having less than 10 percent passing the No. 200 sieve and a maximum particle size of 3 inches. Imported fill shall be free of organic material and inorganic debris.

4.1.3 Imported Crushed Stone (Filter Stone) shall have a ¾-inch maximum diameter with no more than 10% by weight passing the No. 4 sieve. Crushed stone shall conform to ASTM D-448, No. 57 specifications. No density tests will be required for the crushed stone after compaction.

4.1.4 Imported Sand with some Limerock is a mixture of sand with some limerock fragments and will be used for walkway subgrade materials. The material shall have a Limerock Bearing Ratio (LBR) of 40 or greater.

### 4.2 Non-Engineered Fill

On-site soil materials not meeting the Engineered Fill criteria discussed above should be hauled away from the construction area to locations as directed by the Owner or the Owner's representative.

## 5.0 **SITE CLEARING AND STRIPPING**

5.1 All surface grass, topsoil, organics/silt and large size debris and rocks (greater than 6 inches), where encountered, should be cleared/stripped within the entire proposed soccer field construction areas.

5.2 The cleared/stripped materials shall be hauled away from the construction area to locations as directed by the Owner or the Owner's representative.

## 6.0 **SOCCKER FIELD SUBGRADE PREPARATION**

6.1 After completion of the above site clearing and stripping process, the proposed soccer field construction areas should be graded to about 1 ft below the proposed finished grade through cutting or raising existing grade, and with engineered fill, as required. Fill generated during the cutting process should be stockpiled offset from the field and can be reused as the on-site processed fill (engineered fill), after removing most of unsuitable materials, such as top soil, silt and organics, or any large size debris and rocks (greater than 6 inches), where encountered. The generated unsuitable materials should be hauled away from the construction area to locations as directed by the Owner or the Owner's Representative.

6.2 After the above grading process, the interim subgrade level will be about 1 ft below the proposed finished grade. Proofrolling of the interim subgrade surface should be performed



## Attachment K - Earthwork Technical Specifications

with a minimum 5-ton static roller throughout the entire field construction area in order to achieve a stable interim subgrade surface. Any soft spots identified during the proofrolling process should be removed and replaced with the engineered fill. The proofrolled subgrade material should be compacted to at least 95% of material's maximum dry density per ASTM D1557. The final proofrolling process should be observed and approved by the Geotechnical Engineer.

- 6.3 After completion of the proofrolling process, utility and irrigation pipe installation can be performed based on the project plans followed by construction of the final grass field section (including 4 inches of sand static rolled and 8 inches of 85/15 USGA sand/Canadian peat and sod as shown on the C2 plan). These layers should be placed using laser grading techniques.

### **7.0 EXCAVATION, DEWATERING, AND PLACEMENT OF ENGINEERED FILL**

- 7.1 The Contractor shall excavate to the appropriate lateral limits and bottom elevations for utility trenches as shown on the project plans. All excavations should conform to OSHA regulations and local regulations.
- 7.2 Utility lines should be installed after the proofrolling process, as discussed in Section 6.2, is completed. All of the drainage lines will be gravity lines. Any soft unsuitable materials, such as silts and organic peat, if encountered at the drainage line bottom, shall be completely removed to at least 3 ft below the bottom of the drainage pipes unless suitable material is found at a lesser depth. All of manholes shall be similarly demucked as the drainage lines. Then, the trench shall be backfilled in accordance with the related details in the project plans.
- 7.3 Excavation of exfiltration trenches will generate a large amount of the on-site processed fill material and some unsuitable material. These two materials should be separated during the excavation process. The generated unsuitable material should be hauled away from the construction area to locations as directed by the Owner or Owner's representative. In order to efficiently re-use the excavated on-site fill material, the proofrolling and excavation process in areas around the exfiltration trenches could be performed first. Then, the generated on-site processed fill could be used for raising grade in other areas.
- 7.4 The Contractor may perform dewatering, as necessary, during the trench/catch basin excavations. If dewatering is planned, the Contractor shall discharge water pumped from the excavations in accordance with local and state regulations. The Contractor shall secure any necessary dewatering permits.
- 7.5 Engineered fill shall be used to raise grade during the field subgrade preparation and to backfill within trenches and around below grade structures for the zone at least 1 ft above the groundwater level and higher. Engineered fill shall be placed in maximum 1-ft-thick loose lifts, with each lift compacted to not less than 95% of the material's maximum dry density as determined by the Modified Compaction Test (ASTM D-1557).
- 7.6 Backfilling in proximity or below the elevations of the groundwater level without dewatering will require the use of imported crushed stone (No. 57 stone) in lieu of soil backfill material.

## Attachment K - Earthwork Technical Specifications

- This stone material shall be tamped in-place, when the backfilled surface is about 1 ft above the water level, with at least two passes of a vibratory plate compactor (Wacker BPU 3345 or equivalent). A geotextile filter fabric (such as Mirafi Non-woven 140N or equivalent) should be placed on the top of stone layer before placing other engineered fill to prevent the migration of the overlying soil particles into the relatively uniformly graded stone.
- 7.7 The Geotechnical Engineer will perform representative in-place density tests on each lift to ascertain that it has been placed in a satisfactory manner. No additional fill or backfill material shall be placed until each in-place lift has been approved by the Geotechnical Engineer.
- 7.8 Fill materials shall not be placed, spread or compacted during unfavorable weather conditions. When earthwork activities are interrupted by heavy rain, filling operations shall not resume until the Geotechnical Engineer approves the moisture and density conditions of the previously placed fill.

### **8.0 MINIMIZATION OF CONSTRUCTION IMPACTS TO NEIGHBORING SITES**

- 8.1 During mass earthwork activities at the site, dust control should be performed to not allow construction dust impacts on the adjacent sites and neighboring properties. The contractor should outline the means and methods for dust control and submit to the Owner or Owner's representative for approval prior to earthwork activities.
- 8.2 For the engineered fill to be placed/compacted within 15 to 20 ft from adjacent existing ground features or major utilities, the fill compaction should be performed with either a heavy non-vibratory roller (static mode) or a medium to heavy-weight plate compactor.

**Continuation Sheet**

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached.

In tabulations below, amounts are stated to the nearest dollar.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO:

APPLICATION DATE:

PERIOD TO:

ARCHITECT'S PROJECT NO:

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (NOT IN D OR E)	G		H BALANCE TO FINISH (C - G)	I RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD		TOTAL COMPLETED AND STORED TO DATE (D+E+F)	% (G ÷ C)		
	General Conditions	\$							
	Clearing and Grubbing	\$							
	Demolition	\$							
	Earthwork	\$							
	Drainage	\$							
	Irrigation and repairs to other existing infrastructure	\$							
	Site Improvements (sidewalks, shade structures, etc.)	\$							
	Sand/Top Soil	\$							
	Maintenance	\$							
	Insurance	\$							
	Overhead/Profit	\$							
	<b>TOTAL</b>	<b>\$</b>							
	<b>ALTERNATIVES</b>	\$							
	Deductive Alternate (Credit): Raising the bottom of the exfiltration trenches between CB 5 and CB 7 and CB 6 and CB 8 from -9.0' to +0.0'	\$							


	Additive Alternate (Add): Adding one (1) collection manhole between CB 5 and CB 7 and one (1) collection manhole between CB 6 and CB 8.	\$							
	Additive Alternate (add): Installation of a filter fabric layer at the interface of the #57 stone and the Select Backfill in the Exfiltration Trenches. (Note: "Select Backfill" (Drawings) is equal to "Engineered Fill" (Specifications))	\$							

DRAFT



[Vendor view of bid](#)[Chat](#) | [Description](#) | [Attachments](#)
 Bid #RE-21-04 - West Pines Soccer Park Renovation Of Fields 5 & 6
 



<b>Time Left</b>	<b>closed</b>	<b># of offers</b>	<b>7</b>
<b>Bid Started</b>	<b>Jun 23, 2021 6:55:30 PM EDT</b>	<b>Notifications</b>	<a href="#">Report</a> ( <a href="#">Bidder Activity</a> )
<b>Bid Ended</b>	<b>This bid closed on Aug 10, 2021 2:00:00 PM EDT</b>	<b># of suppliers viewed</b>	<b>103</b>  ( <a href="#">View</a> )
<b>Agency Information</b>	<b>City of Pembroke Pines, FL</b> ( <a href="#">view agency's bids</a> )	<b>Q &amp; A</b>	<a href="#">Questions &amp; Answers</a> Questions: 17
<b>Bid Classifications</b>	<a href="#">Classification Codes</a>		
<b>Required Vendor Qualifications</b>	PP-SWORN, PP-LOCAL, PP-VOSB, PP-DRUGFREE, PP-SCRUTINIZED, PP-W9, PP-VENDORINFO, PP-EQUAL, PP-LBTR, FL-EVERIFY		
<b>Bid Regions</b>	<a href="#">Regions</a>		
<b>Bid Contact</b>	<a href="#">see contact information</a>		
<b>Pre-Bid Conference(s)</b>	Jul 8, 2021 9:00:00 AM EDT <b>Attendance is mandatory</b> Location: West Pines Soccer Park 350 SW 196th Avenue Pembroke Pines, FL 33029 <a href="#">Transcript</a> <a href="#">Attendance</a>		
<b>Delivery Location</b>	One or more of the following locations <b>City of Pembroke Pines</b> <a href="#">No Location Specified</a> <b>Qty 1</b> <b>Expected Expenditure</b> n/a		
<b>View Rules</b>	Click here to <a href="#">change</a> the rules for this bid.		
<b>Best and Final Offer:</b>	<a href="#">Create</a>		

**Approval****View Approval Flow** [View Approval Flow](#)**Approval Status** **Approved****Description**

<b>Bid Number</b>	RE-21-04
<b>Title</b>	Total cost to complete the renovation of field 5&6
<b>Quantity</b>	1 project
<b>Contract Duration</b>	One Time Purchase
<b>Prices Good for</b>	90 days
<b>Budgeted Amount</b>	\$0.00 ( <a href="#">change</a> )
<b>Standard Disclaimer</b>	Bids/proposals must be submitted electronically

Please note vendors should be registered on BidSync under the name of the organization that they are operating as and it should match the organization name on the documents that they are submitting and utilizing when responding to the solicitation.

The vendor must provide the necessary information on the BidSync website and upload all of the requested documents listed in the PROPOSAL REQUIREMENTS section of this solicitation. Unless otherwise specified, the City requests for vendors to upload their documents as one (1) PDF document in the order that is outline in the bid package.

The City recommends for proposers to submit their proposals as soon as they are ready to do so. Please allow ample time to submit your

Total cost to complete the renovation of fields 5 & 6 at the West Pines Soccer Park as specified in the IFB, including the cost to provide a payment and performance bond.

## Select All | Select None | Download Selected

-  = Included in Bid Packet       = Excluded from Bid Packet

**New Q & A End Date** Jul 20, 2021 8:30:00 PM EDT

## 2/3

Questions? Contact a Periscope Source representative: 800-990-9339 or email: [source-support@periscopeholdings.com](mailto:source-support@periscopeholdings.com)

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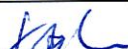
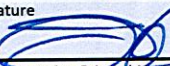

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# RE-21-04 West Pines Soccer Park Renovation of Fields 5 & 6

Date: July 8, 2021 at 9:00 A.M.

Meeting Location: West Pines Soccer Park - 350 SW 196th Ave, Pembroke Pines, FL 33029

PRE-BID ATTENDANCE SHEET			
1)	Company Name: <b>XGD Systems LLC</b> Address: <b>445 NW Flagler Ave Unit 302 FL</b>	Representative Printed Name: <b>Michael Folman</b> Signature: 	E-mail: <b>mfolman@xgd.systems</b> Phone Number: <b>772 296 3419</b>
2)	Company Name: <b>SCG FIELDS LLC</b> Address: <b>10303 BREECKSVILLE RD BREECKSVILLE OH 44141</b>	Representative Printed Name: <b>Chris McMill</b> Signature: 	E-mail: <b>ESTIMATING@SCGFIELDS.COM</b> Phone Number: <b>941-759-3460</b>
3)	Company Name: <b>SAGARIS CORP.</b> Address: <b>3660 NW 126 AVE BAY6 CORAL SPRINGS FL</b>	Representative Printed Name: <b>MEHRDAD MAHMOUDI</b> Signature: 	E-mail: <b>MEHRDAD@SAGARISCORP.COM</b> Phone Number: <b>954 605-8204</b>
4)	Company Name: <b>HG Construction Dev</b> Address: <b>4806 SW 74 CT, Miami, FL 33155</b>	Representative Printed Name: <b>Eddy N Marcel</b> Signature: 	E-mail: <b>Olga@HGConstruction.us</b> Phone Number: <b>786-845-8999</b>
5)	Company Name: <b>T Mac. Wilder and Associates</b> Address: <b>P.O. box 2525 Tifton, GA</b>	Representative Printed Name: <b>Ricardo Rendon</b> Signature: <b>Ricardo G</b>	E-mail: <b>tmw@friendlycity.net</b> Phone Number: <b>229-382-9690</b>
6)	Company Name: <b>Willy Reina Contracting Inc</b> Address: <b>7995 NW 12 street, Doral FL</b>	Representative Printed Name: <b>Jim Blane</b> Signature: 	E-mail: <b>blane@waypointci.com</b> Phone Number: <b>756-472-6735</b>
7)	Company Name: <del>Willy Reina Construction</del> <b>Willy Reina</b> Address: <b>OAC Construction</b>	Representative Printed Name: <b>William Reina</b> Signature: 	E-mail: <b>William@oacconstruction.com</b> Phone Number: <b>305 256 6655</b>
8)	Company Name: <del>Borke</del> <b>Borke Construction</b> Address: <b>10440 NW 19th St Doral FL</b>	Representative Printed Name: <b>Luis R LAVERGNE</b> Signature: 	E-mail: <b>LL@SCJINK.NET</b> Phone Number: <b>305 934 6202</b>

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## WAIVER AND RELEASE OF LIABILITY

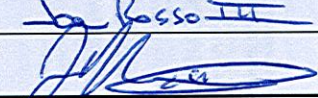
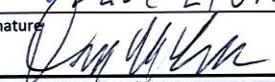

As a participant and by signing this PRE-BID ATTENDANCE SHEET, I hereby waive, release, and indemnify the City of Pembroke Pines, its officers, agents, employees, commission, insurers and volunteers (collectively, the "City") from any and all claims, liability, injury, causes of action, suits, demands and/or damage of whatever kind, (collectively, "Claims") made by myself or any party on my behalf whether caused in whole or in part by any negligence of the City, or otherwise, in connection with my participation in the above-referenced program/activity. I hereby further hold the City harmless from any and all Claims that may be incurred in connection with my participation in the above-referenced site visit for the above mentioned project. By signing this form and as a participant in this PRE-BID MEETING / SITE VISIT, I affirm that I am physically able to participate in the City of Pembroke Pines's PRE-BID MEETING / SITE VISIT. By signing this form I affirm that I understand and recognize there are risks and hazards associated with said activity and that I am waiving and releasing the Claims described above. This Waiver and Release shall be binding upon myself, and my respective successors, heirs, assigns, executors, administrators, spouse and next of kin. I affirm that I am aware of the current recommendations from the CDC, the State of Florida, Broward County, and the City related to Covid-19 and agree to abide by those recommendations as applicable to any activity related to this site visit.



# RE-21-04 West Pines Soccer Park Renovation of Fields 5 & 6

Date: July 8, 2021 at 9:00 A.M.

Meeting Location: West Pines Soccer Park - 350 SW 196th Ave, Pembroke Pines, FL 33029

PRE-BID ATTENDANCE SHEET			
1)	Company Name: <u>Rosso Site Development</u>	Representative Printed Name: <u>Joe Rosso III</u>	E-mail: <u>joe3@rossositedevelopment.com</u>
	Address: <u>1302 S J Street, Lake Worth</u>	Signature: 	Phone Number: <u>561-689-0889</u>
2)	Company Name: <u>LTG Sports turf one</u>	Representative Printed Name: <u>Paul Livingston</u>	E-mail: <u>Estimatinggroup@LTGSportsTurfOne.com</u>
	Address: <u>2240 W. Woolbright Rd St. 411</u>	Signature: 	Phone Number: <u>561-225-1113</u>
3)	Company Name: <u>Marcedan Inc.</u>	Representative Printed Name: <u>Juan Quiroz</u>	E-mail: <u>info@marcedan.com</u>
	Address: <u>2721 SW 137 Ave, #103, Miami, 33175</u>	Signature: 	Phone Number: <u>786-264-1765</u>
4)	Company Name:	Representative Printed Name:	E-mail:
	Address:	Signature:	Phone Number:
5)	Company Name:	Representative Printed Name:	E-mail:
	Address:	Signature:	Phone Number:
6)	Company Name:	Representative Printed Name:	E-mail:
	Address:	Signature:	Phone Number:
7)	Company Name:	Representative Printed Name:	E-mail:
	Address:	Signature:	Phone Number:
8)	Company Name:	Representative Printed Name:	E-mail:
	Address:	Signature:	Phone Number:

## WAIVER AND RELEASE OF LIABILITY

As a participant and by signing this PRE-BID ATTENDANCE SHEET, I hereby waive, release, and indemnify the City of Pembroke Pines, its officers, agents, employees, commission, insurers and volunteers (collectively, the "City") from any and all claims, liability, injury, causes of action, suits, demands and/or damage of whatever kind, (collectively, "Claims") made by myself or any party on my behalf whether caused in whole or in part by any negligence of the City, or otherwise, in connection with my participation in the above-referenced program/activity. I hereby further hold the City harmless from any and all Claims that may be incurred in connection with my participation in the above-referenced site visit for the above mentioned project. By signing this form and as a participant in this PRE-BID MEETING / SITE VISIT, I affirm that I am physically able to participate in the City of Pembroke Pines's PRE-BID MEETING / SITE VISIT. By signing this form I affirm that I understand and recognize there are risks and hazards associated with said activity and that I am waiving and releasing the Claims described above. This Waiver and Release shall be binding upon myself, and my respective successors, heirs, assigns, executors, administrators, spouse and next of kin. I affirm that I am aware of the current recommendations from the CDC, the State of Florida, Broward County, and the City related to Covid-19 and agree to abide by those recommendations as applicable to any activity related to this site visit.

## Question and Answers for Bid #RE-21-04 - West Pines Soccer Park Renovation of Fields 5 & 6

[Create New Question](#)

Question Deadline: Jul 20, 2021 8:30:00 PM EDT

### Overall Bid Questions

#### Question 1

Is the 18" PVC pipe to be DR35? (Submitted: Jul 8, 2021 1:53:26 PM EDT)

#### Answer

[edit](#) 

- Please refer to Revised Attachment H in Addendum #2. Note 16 has been added to Sheet C1 (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

#### Question 2

Could the existing shade structure make / model be provided for pricing replacement? (Submitted: Jul 8, 2021 1:54:58 PM EDT)

#### Answer

[edit](#) 

- The only information we have on the existing shade structure is the following: 25' X 13' X 10' with T-Cantilever (2 post) & quick release systems on each shade cover. (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

#### Question 3

The bid document asks for pollution liability insurance to be included in coverage, could you please confirm this is required? (Submitted: Jul 8, 2021 1:56:15 PM EDT)

#### Answer

[edit](#) 

- Not Required (Answered: Jul 19, 2021 6:26:23 PM EDT)

Add to Answer:

#### Question 4

Will a pricing schedule breakdown of line items and quantities be provided for bid submission? (Submitted: Jul 8, 2021 1:58:01 PM EDT)

#### Answer

[edit](#) 

- Please refer to the New Attachment L: Template Schedule of Values and updated information on Section 1.5 Proposal Requirements included in Addendum #1. (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

**Question 5**

Will any specific grow-in, maintenance be required by contractor? (Submitted: Jul 8, 2021 1:59:01 PM EDT)

**Answer**[edit](#)

- The Grow-In Maintenance Period shall be for 30 days from complete installation of the turf and shall include watering (irrigation), two (2) cuts, one (1) Fertilization application and one (1) Herbicide/Pesticide Treatment. The Fertilizer and Pesticide/Herbicide to be used shall be recommended and approved by the Sod Producer (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

**Question 6**

We note that no internal field drainage is asked for to complete these new fields.

Was this intended?

Suggest perhaps an alternative line item added for this item for consideration? (Submitted: Jul 8, 2021 2:06:49 PM EDT)

**Answer**[edit](#)

- The drainage plan provided for in the bid documents is complete. There is no requirement for an alternative line item for internal field drainage (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

**Question 7**

Is the 419 Bermuda sod to be certified 419? (Submitted: Jul 9, 2021 8:31:06 AM EDT)

**Answer**[edit](#)

- The 419 Bermuda sod shall be certified. (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

**Question 8**

Please confirm contractor is responsible to file the NPDES Notice of Intent and maintain? (Submitted: Jul 12, 2021 8:00:49 AM EDT)

**Answer**[edit](#)

- Yes the Contractor is responsible for all NPDES requirements of this project. (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

**Question 9**

Is Contractor responsible for any on-site testing of materials delivered to site? (Submitted: Jul 12, 2021 8:01:47 AM EDT)

**Answer**[edit](#)

- The Contractor shall coordinate all on-site material testing. The City is responsible for selecting the testing contractor and shall pay the cost of the testing. (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

**Question 10**

Is Contractor responsible for any compaction testing of installed materials? (Submitted: Jul 12, 2021 8:02:39 AM EDT)

**Answer**[edit](#)

- See response to question #9 (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

**Question 11**[edit](#)

1. Plan Sheet C1: Structures CB#7 & CB#5. The exfiltration trench shown on the plans is longer than the written call out. Which length of exfiltration should we install?

2. Plan Sheet C1: Structures CB#6 & CB#8. The exfiltration trench shown on the plans is longer than the written call out. Which length of exfiltration should we install?

3. Plan Sheet C1: Can 18" HDPE be used in lieu of the 18" PVC for the drainage?

4. There are no limits of sod shown on the plans. Should we plan to re-sod the entire area shown within the silt fence on plan sheet ESC, or only that area that is required to be disturbed to do the proposed work?

5. Can the stripings from the fields be used outside the footprint of the soccer fields for fill material? If not, does the parks department have a suitable location on-site or off-site that they would like this material for future use as topsoil?

6. Will all the disturbed area be Bermuda, or only in the footprint of the soccer field? If it is not all proposed to be Bermuda what type of sod would you like in those locations?

7. Plan sheet C3. There are quite a few details for a canal, lake easements and headwalls. I do not see any of this type of work depicted on the plans. Can you please confirm that there is no work involving these details in the scope for this project?

8. Plan Sheet C1. There is no swale shown between the fields and the sidewalk separating them to direct the water to the catch basins. Can grades be shown, or a typical detail be provided?

9. Plan Sheet C1. There are no match existing grades shown. Should we assume we will be matching the existing grades at the silt fence location shown on plan sheet ESC? Or should we only be planning to only disturb what is required for the work and to match existing at a predetermined slope.

10. The removal of 6" of material was discussed in the pre-bid meeting, but I cannot find this requirement on the plans or in the geotechnical report. Can you please confirm that this would be a requirement?

11. Who pays for on-site testing?

12. There are several options for remediation of the site in the geotechnical report. Are we bidding to do what is shown on the plans which seems to depict one of the choices? Or are we to bid a mix of the geotechnical report recommendations and build the park itself to the plans.

13. If Bermuda sod is to be used for all disturbed areas are we to use the "Grass Field Section" detail shown on plan sheet C2? This will add a substantial amount of money to the project as this sand and topsoil are not locally available. Or does this detail only pertain to the area within the footprint of the soccer fields.

14. Plan Sheet C1, Shade Structure Note. Can the make and model of the existing shade structures be provided so we can obtain pricing for the 1:1 replacement. (Submitted: Jul 14, 2021 11:44:33 AM EDT)

**Answer**

- 1. Please refer to sheet C1 in Attachment H in Addendum #2 with the corrected length
- 2. Please refer to sheet C1 in Attachment H in Addendum #2 with the corrected length
- 3. Please see response to question #1
- 4. The limits of the new sod are as follows: North/East/West to the existing fence line. South to the existing sidewalk
- 5. See note #2 on Sheet D1 of Attachment H to Addendum #2 and Section 5.2 of Attachment K to Addendum #2



6. See Grass Field Section Detail on Sheet C2 of Attachment H on Addendum #2.
7. Sheet C3 is the Standard Detail Sheet of the South Broward Drainage District. This sheet is required to be included in its entirety. Disregard any details or requirements that may not be applicable.
8. Please refer to sheet C1 in Attachment H in Addendum #2 with additional grades
9. The limits of the new sod are as follows: North/East/West to the existing fence line. South to the existing sidewalk
10. Please refer to Attachment K in Addendum #2 for procedures and earthwork specifications for this project. Any previous discussion related to earthwork is superseded by Attachment K.
11. See response to question #9
12. Please refer to the scope of work included in the IFB and Attachment H and Attachment K of Addendum #2 and for the specifications and scope of work for this project.
13. All new sod shall follow the Grass Field Section detail on Sheet C2. The limits of the new sod are as follows: North/East/West to the existing fence line. South to the existing sidewalk
14. Please see response to question #2 (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

#### Question 12

What is the scope of work of the irrigation subcontractor? will be removed and reused all existing heads and pipes lines? (Submitted: Jul 20, 2021 12:36:18 PM EDT)

[edit](#)


#### Answer

- Please refer to Attachment H Sheet IR-2 for details on the scope for the irrigation. All materials shall be new. (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

#### Question 13

Can be reused the existing material (sand) in the new proposed soccer fields? (Submitted: Jul 20, 2021 12:42:57 PM EDT)

[edit](#)


#### Answer

- See Note #2 on Sheet D1 of Attachment H to Addendum #2. (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

#### Question 14

I need the following information:

- Liquidated Damages Amount
- Attachment B Non-Collusive Affidavit
- Attachment C Proposers Background Information (Submitted: Jul 20, 2021 12:48:30 PM EDT)

[edit](#)


#### Answer

- Liquidated damages: \$500 a day after 150 calendar days from NTP

Attachments B and C are included as part of the bid package. Attachments B and C can be found as fillable web-forms on bidsync. (Answered: Jul 21, 2021 8:27:28 AM EDT)

Add to Answer:

**Question 15**

Can you provide who was the manufacturer of the existing Shade Structure? (Submitted: Jul 20, 2021 12:58:44 PM EDT)

**Answer**[edit](#)

- Please see response to question #2 (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

**Question 16**

There are only two shade structures to be removed according to the drawings. Is this correct? (Submitted: Jul 20, 2021 1:05:42 PM EDT)

**Answer**[edit](#)

- Correct. Please refer to Attachment H for details on which two shade structures. (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

**Question 17**

Will be reused the existing Bleachers? (Submitted: Jul 20, 2021 1:22:58 PM EDT)

**Answer**[edit](#)

- The bleachers are not affixed to the property and therefore will be removed during construction and reused. (Answered: Jul 21, 2021 8:09:07 AM EDT)

Add to Answer:

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