



Academic Village Swimming Pool Renovations

Invitation for Bids # RE-19-13

General Information		
Project Cost Estimate	Project Cost - \$350,000 Add Alternate 1 \$50,000 Add Alternate 2 - \$1,000 Add Alternate 3 - \$4,000 Add Alternate 4 \$60,000 Add Alternate 5 \$10,000	See Section 1.4
Project Timeline	90 calendar days from NTP with an estimated start date of November 15, 2019	See Section 1.4
Evaluation of Proposals	Staff	See Section 1.6
Mandatory Pre-Bid Meeting	9:00 a.m. on Thursday July 16, 2019 at the Academic Village Pool 17191 Sheridan Street, Pembroke Pines, FL 33029 Bidders must check in at the Middle School Administration Office, which is the building on the west side of the campus with the entrance facing the west. BIDDERS CANNOT GO STRAIGHT TO THE POOL. THIS IS A CLOSED SCHOOL CAMPUS. ALL BIDDERS MUST BE ESCORTED	See Section 1.7
Question Due Date	July 23, 2019	See Section 1.7
Proposals will be accepted until	2:00 p.m. on August 13, 2019	See Section 1.7
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

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: Proposer’s Qualifications Statement
- Attachment D: Sample Insurance Certificate
- Attachment E: Specimen Contract - **Construction Agreement**
- Attachment F: References Form
- Attachment G: Mandatory Pre-Bid/Site Visit Confirmation Form
- Attachment H: Standard Release of Lien Form
- Attachment I: Academic Village Swimming Pool Renovations - Drawings
- Attachment J: Technical Specifications
- Attachment K: January 2018 Leak Detection Report
- Attachment L: Drainage As-Builts completed in year 2000
- Attachment M: Five Year water consumption reports
- Attachment N: Template Schedule of Values



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-19-13 Academic Village Swimming Pool Renovations

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 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. 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. 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, August 13, 2019. Proposals must be **submitted electronically at 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, 4th Floor Conference Room located at 601 City Center Way, Pembroke Pines, Florida, 33025.

1.2 PURPOSE

The City of Pembroke Pines is seeking proposals from qualified firms, hereinafter referred to as the Contractor, to provide for repairs and renovation projects at the Academic Village 50 meter pool facility. Projects include replacing the membrane of the 50-meter stainless steel pool and making repairs to the wall as necessary, repairing floor returns and any other leaking or damaged plumbing, providing for renovations to the pump room, and providing new subsurface drainage and engineering on the pool deck. The bid also includes four alternate projects; installation of ten (10) new S.R. Smith Velocity starting platforms, removal of the 3M diving board, installation of a new grate for the "pit" area, and installation of shade structures. The scope of work shall be in accordance with the terms, conditions, and specifications contained in this solicitation.



1.3 SCOPE OF WORK

Detailed information on the scope of work are included in Attachment I: Charter High School Swimming Pool Repair Drawings and Attachment J: Technical Specifications. Below is general information related to the scope of work.

1.3.1 Preparatory Work

1. Contractor will be required to obtain all necessary permits if required.
2. Contractor will be provided construction plans in Attachment I & J. Contractor is responsible for providing all additional documents necessary as required to complete the permit package if warranted.
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:
 - The job site is located within a public charter school. The Contractor will be required to abide by all daily check-in requirements the school may require.
 - 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 School or separate Contractor.
8. City will be responsible for irrigation and utility 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 4.7 of this bid document.
5. Once the old PVC pool liner has been removed, the Contractor shall assess the structure of the pool and discuss the results with the Project Manager prior to proceeding with the new installation.

1.3.3 Warranty

See Attachments I & J for additional details on the warranty requirements



1.3.4 Additional Requirements

1. All work must be complete and have passed all inspections within 90 days of issuance of the Notice to Proceed.
2. Contractor must hold a Certified Commercial Pool Builders License with at least 5 years of experience and have completed at least three similar PVC membrane replacement projects within the last five years.
3. The awarded Contractor will be required to execute the sample contract as shown in **Attachment E “Specimen Contract/Agreement”**.
4. Contractor must be licensed to do work in the State of Florida, Broward County, and Pembroke Pines and holds appropriate professional registrations.

1.3.5 Additional Information

1. Dewatering

There are two dewatering well points on site for dewatering the groundwater. The well points have been used twice before. Once for the initial construction in 2000 and when the liner was renovated in 2008. In both instances, the groundwater was pumped into the canal to the north of the pool. For this project, the Contractor will have to obtain a dewatering permit. During a previous pre-bid meeting, a question was asked about whether the ground water can still be pumped into the canal. Staff has spoken with representatives from the South Broward Drainage District and they have indicated that using the canal should not be a problem; however, the contractor will have to go over their dewatering plans with the agency as part of their permit process.

2. Deck Drains

Attached to this Addendum are pictures of the current deck drains to show where the water pools after a storm

3. Footcandle Readings

Attached to this Addendum is the Engineering Report submitted to the Department of Health on October 15, 2012 certifying the footcandle readings meet the 15 footcandle requirements for outdoor pools with no underwater lighting.

1.4 PROJECT COST ESTIMATE & TIMELINE

Staff estimates this project to cost approximately \$350,000 for the pool and deck renovations, \$50,000 for Add Alternate #1 “Starting Platforms, \$1,000 for Add Alternate #2 “Diving Board Renovations, \$4,000 for Add Alternate #3 “Grate Replacement for Pit Area, \$60,000 for Add Alternate #4 “Shade Structures”, and \$10,000 to replace all pool gutter grates, none of which includes permit costs.



Please note the City will include a Permit Allowance for this project, **therefore proposers should not include permit costs in their total proposal price.**

The work shall be completed within 90 days from issuance of CITY's Notice to Proceed, with an estimated start date of November 15, 2019.

1.4.1 PERMITS

The City anticipates this project to require the following permits:

Permit	Agency	Cost (or related method of calculation)
Building	City of Pembroke Pines Building Department (Calvin, Giordano & Associates, Inc.)	1. Construction costs up to \$2,500 (Per structure per trade) = \$97.17 2. Construction costs greater than \$2,500 up to \$1,000,000 = 2.96%

1.4.2 PERMIT ALLOWANCE

The City shall include a "Permit Allowance" for this project. The Contractor shall obtain all required permits to complete the work, however the City shall utilize the Permit Allowance to reimburse the contractor for the related permit, license, impact or inspection fees. Payments will be made to the contractor based on the actual cost of permits upon submission of paid permit receipts. The City shall not pay for other costs related to obtaining or securing permits.

The City shall determine the amount of the allowance at time of award. The allowance 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 Permit Allowance funds that have not been utilized at the end of the project will remain with the City, if the City Permit fees exceed the allowance indicated, the City will reimburse the contractor the actual amount of City Permit Fees required for project completion.

1.5 PROPOSAL REQUIREMENTS

The following documents will need to be completed, scanned and submitted through www.bidsync.com as part of the bidder's submittal. The proposer interested in responding to this solicitation must provide the information requested below. Submittals that do not respond completely to all requirements specified herein may be considered non-responsive and eliminated from the process.



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.
- e. Proposals by corporations should be executed in the corporate name by the President or other corporate officer accompanied by evidence of authority to sign. The corporate address and state of incorporation must also be shown.
- f. Proposals by partnerships should be executed in the partnership name and signed by a partner whose title and the official address of the partnership must be shown.

1.5.2 Attachment B: Non-Collusive Affidavit

1.5.3 Attachment C: Proposer's Qualifications Statement

1.5.4 Attachment F: References Form

- a. Complete **Attachment F: References Form**. References should be from the last five years and should include projects similar to the scope of work outlined herein as requested in Section 1.3.4 of this Bid Document. 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 Attachment G: Mandatory Pre-Bid Meeting Form

1.5.6 Proposal Security (Bid Bond Form or Cashier's Check)



- a. 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.
- 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 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.
- e. The original Bid Bond or Cashier's Check should be in a sealed envelope, plainly marked "**BID SECURITY - IFB # RE-19-13 Academic Village Swimming Pool Renovations**" 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.

1.5.7 Schedule of Values:

- a. Proposer shall be required submit the Bid Price and Add Alternates on the BidSync website. In addition, Proposer must fill out Attachment Schedule N: Template Schedule of Values and upload the document as part of the submittal package.

1.5.8 Additional Submission Requirements:

- a. Proposer must include a copy their Certified Commercial Pool Builders License
- b. In accordance with Section 3.7 of this bid document, if Proposer is bidding a substitute product, the City requests the following information to be submitted with the bid:
 - a. Performance Specifications of their substitute product
 - b. Installation details if different from what is provided in Attachment I & J
 - c. Sample of product, preferable a 2' x 2' piece.



1.6 VENDOR REGISTRATION AND QUALIFICATION DOCUMENTS

The City has implemented a new process that is intended to make the bidding process easier for vendors that bid on multiple City projects. This process will require 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.

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.

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 these qualifications prior to being able to submit questions on any bids, therefore, please make sure to complete this information as soon as possible.

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

- a. If claiming Local Pembroke Pines Vendor Preference, business must attach a current business tax receipt from the City of Pembroke Pines
- b. If claiming Local Broward County Vendor Preference, business must attach a current business tax receipt from Broward County or the city within Broward County where the business resides.
- c. The Local Vendor Preference Certification form must be completed by/for the proposer; the proposer **WILL NOT** qualify for Local Vendor Preference based on their sub-contractors’ qualifications.

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

1.7 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

Event	Time &/or Date
Issuance of Solicitation (Posting Date)	June 25, 2019
Mandatory Pre-Bid Meeting	9:00 a.m. on July 16, 2019
Question Due Date	July 23, 2019
Anticipated Date of Issuance for the Addenda with Questions and Answers	July 30, 2019
Proposals will be accepted until	2:00 p.m. on August 13, 2019
Proposals will be opened at	2:30 p.m. on August 13, 2019
Evaluation of Proposals by Staff	August 14, 2019 – August 27, 2019
Recommendation of Contractor to City Commission award	September 18, 2019
Issuance of Notice to Proceed	October 1, 2019
Project Commencement	November 15, 2019
Project Completion	90 days after NTP



1.8.1 MANDATORY PRE-BID MEETING / SITE VISIT

There will be a mandatory scheduled pre-bid meeting on **July 16, 2019 at 9:00 a.m.** Meeting location will be at the Academic Village Swimming Pool located at 17191 Sheridan Street, Pembroke Pines, FL 33029. Bidders must check in at the Middle School Administration Office, which is the building on the west side of the campus with the entrance facing the west. **BIDDERS CANNOT GO STRAIGHT TO THE POOL. THIS IS A CLOSED SCHOOL CAMPUS. ALL BIDDERS MUST BE ESCORTED** DUE TO THE COMPLEXITIES INVOLVED IN THIS PROJECT, BIDDERS ARE REQUESTED TO SEND REPRESENTATIVES THAT ARE INVOLVED IN THE MANAGEMENT OR OVERSIGHT OF THIS TYPE OF PROJECT. STAFF WILL GO OVER THE BID DOCUMENTS IN DETAIL AS IT RELATES TO THE ONSITE INFRASTRUCTURE.

All vendors will be required to complete **Attachment G "Mandatory Pre-Bid Meeting Form"** at the meeting and submit it as part of their proposal to show proof of attendance to the mandatory meeting.

1.9 SUBMISSION REQUIREMENTS

Bids/proposals **must be submitted electronically** at www.bidsync.com on or before **2:00 p.m. on August 13, 2019.**

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-19-13 Academic Village Swimming**



Pool Renovations” and sent to the City of Pembroke Pines, City Clerk’s Office, 4th Floor, 601 City Center Way, Pembroke Pines, Florida, 33025.

If the Proposer is submitting a sample of a substitute product, as explained in Section 1.5.14 of this bid document, Proposer must mail the product in a sealed package marked **SUBSTITUTE SAMPLE- IFB # RE-19-13 Academic Village Swimming Pool Renovations**” 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

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 attorney's 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.

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 his subcontract until all similar such insurance required of the subcontractor has been obtained and similarly approved.

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.

Policies shall be endorsed to provide the CITY thirty (30) days notice of cancellation, material change or non-renewal of policies required under the contract. If the carrier will not agree to this notification, the CONTRACTOR or its insurance broker shall notify the CITY of any cancellation or reduction in coverage within seven days of receipt of insurer's notification of cancellation or reduction in coverage.

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, then in that event, the CONTRACTOR shall furnish, at least fifteen (15) 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 not 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.

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.



2.1 REQUIRED INSURANCE

- A. COMMERCIAL GENERAL LIABILITY INSURANCE** including, but not limited to: coverage for premises & operations, personal & advertising injury, products & completed operations, Liability assumed under an Insured Contract (including tort liability of another assumed in a business contract), and independent contractors. 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 (**mostly for construction or equipment sold to the CITY**)

Products & Completed Operations Coverage shall be maintained for two (2) years after the final payment under this contract. (Increase to 10 years for construction projects) (For construction projects also include: Designated Construction Project(s) General Aggregate Limit)

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

- B. 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 his 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.

Coverage shall be included for injuries or claims under the USL&H or Jones Act, when applicable.

- C. AUTO LIABILITY INSURANCE** covering all owned, leased, hired, non-owned and employee non-owned 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 ISO pollution liability-broadened coverage for auto endorsement CA9948 and the Motor Carrier Act endorsement MCS90.

- D. PROFESSIONAL LIABILITY/ERRORS & OMISSIONS INSURANCE**, when applicable, with a limit of liability no less than \$1,000,000 per wrongful act. This coverage shall be maintained for a period of no less than three (3) years after final payment of the contract. (Increase to 10 years for construction projects)
- E. ENVIRONMENTAL/POLLUTION LIABILITY** shall be required with a limit of no less than \$1,000,000 per wrongful act whenever work under this Agreement involves potential losses caused by pollution conditions. Coverage shall include: Contractor's completed operations as well as sudden and gradual pollution conditions. If coverage is written on a claims-made basis, coverage shall be maintained for a period of no less than three (3) years after final payment of the contract. **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage.** Furthermore, the CITY'S Additional Insured status shall extend to any coverage beyond the minimum requirements for limits of liability found herein.
- F. CYBER LIABILITY including Network Security and Privacy Liability** when applicable, 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. This coverage shall be maintained for a period of no less than three (3) years after final payment of the contract. **The City of Pembroke Pines must be shown as an additional insured with respect to this coverage.** Furthermore, the CITY'S Additional Insured status shall extend to any coverage beyond the minimum requirements for limits of liability found herein.
- G. CRIME COVERAGE** when applicable, 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 the City's premises, a third-party fidelity coverage extension shall apply.
- H. BUILDER'S RISK INSURANCE** shall be "All Risk" for one hundred percent (100%) of the completed value of the project 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.

- I. **SEXUAL ABUSE** may not be excluded from any policy for Agreements involving any interaction with minors or seniors.

2.2 REQUIRED ENDORSEMENTS

1. The City of Pembroke Pines shall be named as an Additional Insured on each of the General Liability policies required herein
2. Waiver of all Rights of Subrogation against the CITY
3. 30 Day Notice of Cancellation or Non-Renewal to the CITY
4. CONTRACTORS' policies shall be Primary & Non-Contributory
5. All policies shall contain a "severability of interest" or "cross liability" liability clause without obligation for premium payment of the CITY
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.

CONTRACTOR shall name the CITY, as an additional insured on each of the General Liability policies required herein and shall hold the CITY, its agents, officers and employees harmless on account of claims for damages to persons, property or premises arising out of the services provided hereunder. Any 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 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.

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 Contract.



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. 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.

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 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, Florida 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.



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-19-13 Academic Village Swimming Pool Renovations**" 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 TAX SAVER PROGRAM

The Contractor shall cooperate on certain projects to allow the City to avail itself of a sales tax savings program.

4.5 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.

4.6 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.

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.

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

CONTACT INFORMATION FORM

IN ACCORDANCE WITH “RE-19-13” titled “Academic Village Swimming Pool Renovations” 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 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?

1. Attachment A - Contact Information Form	Yes <input type="checkbox"/>
2. Attachment B – Non-Collusive Affidavit	Yes <input type="checkbox"/>
W-9 (Rev. October 2018)	Yes <input type="checkbox"/>
3. Attachment C - Proposer's Completed Qualification Statement	Yes <input type="checkbox"/>
4. Attachment F - References Form	Yes <input type="checkbox"/>
5. Attachment G – Mandatory Pre-Bid Meeting Form	Yes <input type="checkbox"/>
6. Does your proposal exceed \$200,000 for this construction project? If so, please include a Proposal Security (Bid Bond or Cashier's Check) along with a separate line item to provide a Payment and Performance Bond.	Yes <input type="checkbox"/>

(See Bid Package for details)	
7. Does your proposal include a completed Attachment N: Schedule of Values?	Yes <input type="checkbox"/>
8. Does your proposal include a copy of your Certified Commercial Pool Builders License?	Yes <input type="checkbox"/>
9. Does your proposal include a substitute product? If so, please include the following: Performance Specifications of the substitute product Installation details if different from what is provided in Attachment I & J Sample of product, preferable a 2' x 2' piece.	Yes <input type="checkbox"/>
10. Are all materials, freight, labor and warranties included?	Yes <input type="checkbox"/>

Per Section 1.6, 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"/>

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.

Base Option: PVC Pool Repair and Deck Drainage Renovations

Item #	Item Description	Total Cost
1)	Total to provide PVC Pool repair and deck drainage renovations as specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 1: Install ten (10) new S.R. Smith Velocity starting platforms

Item #	Item Description	Total Cost
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1)	Total for the installation of ten (10) new S.R. Smith Velocity starting platforms as specified in the IFB.	Price to be Submitted Via BidSync
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Alternative Option 2: Removal of the 3M diving board and repairs to the 1M diving board

Item #	Item Description	Total Cost
1)	Total for removal of the 3M diving board and repairs to the 1M diving board as specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 3: Install new stainless steel grate for the “pit” area

Item #	Item Description	Total Cost
1)	Total for the installation of a new stainless steel grate for the “pit” area as specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 4: Install new shade structures on the pool deck

Item #	Item Description	Total Cost
1)	Total for the installation of new shade structures on the pool deck as specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 5: Replace all pool gutter grates

Item #	Item Description	Total Cost
1)	Total for the purchase and installation of new pool grates to match the existing pool grates in both material and quality.	Price to be Submitted Via BidSync

Alternative Option 6: Re-bond existing pool and pool components

Item #	Item Description	Total Cost
1)	Total to re-bond the pool and the existing pool components per current applicable laws, rules and codes. This amount shall not include the work to bond any new components or equipment as specified in the scope of work.	Price to be Submitted Via BidSync

Alternative Option 7: Repair leak in one (1) floor return

Item #	Item Description	Total Cost
1)	Total unit cost to repair one additional floor return per the scope of work specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 8: Clean underground original storm drainage system from the three (3) pool deck inlets to structures S-G3 and S-G6 per Attachment L (Sheet 208A grading and drainage plan circa 03-10-2000)

Item #	Item Description	Total Cost
1)	Total cost to clean the underground original storm drainage system.	Price to be Submitted Via BidSync



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



City of Pembroke Pines

Attachment C

PROPOSER'S QUALIFICATIONS STATEMENT

PROPOSER shall furnish the following information. Failure to comply with this requirement will render Bid non-responsive and shall cause its rejection. Additional sheets shall be attached as required.

PROPOSER'S Name and Principal Address:

PROPOSER'S License Number:

(Please attach certificate of status, competency, and/or state registration.)

Number of years your organization has been in business

State the number of years your firm has been in business under your present business name

State the number of years your firm has been in business in the work specific to this solicitation:

Names and titles of all officers, partners or individuals doing business under trade name:

IF USING A FICTITIOUS NAME, SUBMIT EVIDENCE OF COMPLIANCE WITH FLORIDA FICTITIOUS NAME STATUTE.

Under what former name has your business operated? Include a description of the business. Failure to include such information shall be deemed to be intentional misrepresentation by the City and shall render the proposer non-responsive.

At what address was that business located?

Name, address, and telephone number of surety company and agent who will provide the required bonds on this contract:

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

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

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.

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.

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).

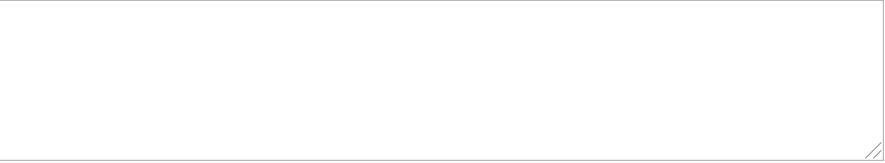
List all claims, arbitrations, administrative hearings and lawsuits brought by or against the Proposer or its predecessor organizations(s) during the last (10) years. The list shall include all case names; case, arbitration or hearing identification numbers; the name of the project over which the dispute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



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.



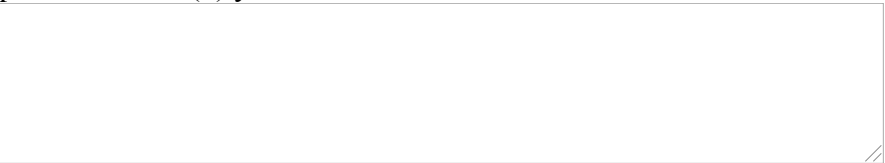
Are you an Original provider sales representative distributor, broker, manufacturer other, of the commodities/services proposed upon? If other than the original provider, explain below.



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



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 shall 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								
	GENERAL LIABILITY <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;"> Must Include General Liability </div>			EACH OCCURRENCE \$ FIRE DAMAGE (Any one fire) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$								
	AUTOMOBILE LIABILITY <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;"> SAMPLE CERTIFICATE </div>								
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO			AUTO ONLY - EA ACCIDENT \$ OTHER THAN EA ACC \$ AUTO ONLY: AGG \$									
	EXCESS LIABILITY OCCUR <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> DEDUCTIBLE <input type="checkbox"/> RETENTION \$				EACH OCCURRENCE \$ AGGREGATE \$ \$ \$ \$								
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				<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 DATE, THE CERTIFICATE HOLDER SHALL BE ADVISED BY MAIL 30 DAYS WRITTEN LEFT.

City Must Be Named as Certificate Holder

AUTHORIZED REPRESENTATIVE



CONSTRUCTION AGREEMENT

THIS IS AN AGREEMENT, dated the _____ day of _____,
«Contract_Signature_Year», 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», authorized to do
business in the State of Florida, 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**», as more particularly described in **Exhibit "A"** attached hereto and by this reference made a part hereof, ("Property") 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 **Composite Exhibit "B"**. CONTRACTOR agrees to do everything required by 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 on the job site 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.



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 «**Number of Calendar Days from NTP to Comm**» from issuance of CITY's Notice to Proceed, subject to any permitted extensions of time under the Contract Documents. For the purposes of this Agreement, completion shall mean the issuance of final permit.

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, he 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 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 vendor shall not expend any dollars in connection with the Owner's Contingency or Allowance without the expressed prior 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 Owner, 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 Florida 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 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 Contract Sum, a final waiver of lien shall be submitted by all suppliers, subcontractors, and/or contractors 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 will 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 in a separate written agreement executed by the parties hereto.

ARTICLE 8

INDEMNIFICATION

8.1 Pursuant to 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.

8.2 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.

8.3 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.

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

ARTICLE 9

INSURANCE

9.1 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 attorney's 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.

9.2 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 his subcontract until all similar such insurance required of the subcontractor has been obtained and similarly approved.

9.3 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.

9.4 Policies shall be endorsed to provide the CITY thirty (30) days notice of cancellation or the CONTRACTOR shall obtain written agreement from its Agent to provide the CITY thirty (30) days notice of cancellation.

9.5 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, then in that event, 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 not 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.

9.6 REQUIRED INSURANCE

9.6.1 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 two (2) years after the final payment under this contract.

The City of Pembroke Pines must be shown as an additional insured with respect to this coverage.

9.6.2 Worker's 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 his 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.

9.6.3 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

9.6.4 Professional Liability/Errors & Omissions Insurance, when applicable, with a limit of liability no less than \$1,000,000 per wrongful act. This coverage shall be maintained for a period of no less than two (2) years after final payment of the contract.

9.6.5 Sexual Abuse may not be excluded from any policy.

9.7 REQUIRED ENDORSEMENTS



- 9.7.1 The City of Pembroke Pines shall be named as an Additional Insured on each of the General Liability policies required herein
- 9.7.2 Waiver of all Rights of Subrogation against the CITY
- 9.7.3 30 Day Notice of Cancellation or Non-Renewal to the CITY
- 9.7.4 CONTRACTORs' policies shall be Primary & Non-Contributory
- 9.7.5 All policies shall contain a "severability of interest" or "cross liability" liability clause without obligation for premium payment of the CITY
- 9.7.6 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.

9.8 CONTRACTOR shall name the CITY, as an additional insured on each of the General Liability policies required herein and shall hold the CITY, its agents, officers and employees harmless on account of claims for damages to persons, property or premises arising out of the services provided hereunder.

9.9 Any 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.

9.10 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 Contract.

ARTICLE 10

NON-DISCRIMINATION & EQUAL OPPORTUNITY EMPLOYMENT

10.1 During the performance of the Agreement, neither CONTRACTOR nor its 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 he/she/it will ensure that subcontractors, if any, will be made aware of and will comply with this nondiscrimination clause.

ARTICLE 11



INDEPENDENT CONTRACTOR

11.1 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 12 **TERMINATION**

12.1 *Termination for Convenience:* This Agreement may be terminated by CITY for convenience, upon «**Termination_for_Convenience**» of written notice by the terminating party to the other party 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.

12.2 *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 13 **UNCONTROLLABLE FORCES**

13.1 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.



13.2 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 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
VENUE

15.1 This Agreement shall be governed by the laws of the State of Florida as now and hereafter in force. The venue for actions arising out of this agreement shall be in Broward County, Florida.

ARTICLE 16
SIGNATORY AUTHORITY

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

ARTICLE 17
MERGER; AMENDMENT

17.1 This Agreement constitutes the entire Agreement between CONTRACTOR and CITY, and 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 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, «Liquidated Damages Per Day Written» («Liquidated Damages Per Day Numerical») 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 him to comply with all provisions of the Agreement. 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.

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 CITY.

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 Section, 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 **DISPUTE RESOLUTION**

20.1 **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.

20.2 Operations During Dispute.

20.2.1 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.

20.2.2 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 21
PUBLIC RECORDS

21.1 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:

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

21.1.2 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;

21.1.3 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 contract term and, following completion of the contract, 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

21.1.4 Upon completion of the contract, 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.



21.2 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**.

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 CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT

**CITY CLERK
601 CITY CENTER WAY, 4th FLOOR
PEMBROKE PINES, FL 33025
(954) 450-1050
mgraham@ppines.com**

**ARTICLE 22
MISCELLANEOUS**

22.1 **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.

22.2 **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.

22.3 **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.

22.4 **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.



22.5 **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.

22.6 **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»

22.7 **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.

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



22.9 **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.

22.10 **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.

22.11 **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.

22.12 **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 constructed 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.

22.13 **Attorney's 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.

22.14 **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.

22.15 **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.

22.16 **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 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 any agency or local governmental entity for goods or services if:

22.16.1 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 s. 215.4725 or is engaged in a boycott of Israel; or



22.16.2 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:

22.16.2.1 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 s. 215.473; or

22.16.2.2 Is engaged in business operations in Syria.

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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:

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, 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 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, Contract_Signature_Year.

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:



Mandatory Pre-Bid/Site Visit Confirmation Form

The scanned form, signed by both the Contractor and City Representatives must be uploaded in order for the bid to be considered complete.

_____, who is a representative of
(Printed name of Contractor's representative)

_____ PERSONALLY came and appeared
(Contractor's Company)

before me and affirms that they have completed the mandatory pre-bid/site visit on this the

_____ day of _____, 20_____ as required by:

Solicitation #: _____

Solicitation Title: _____

(Contractor Representative's Printed Name)

(City Representative's Printed Name)

(Contractor Representative's Signature)

(City Representative's Signature)

(Contractor's Company)

(City Representative's Department)

(Contractor's Phone Number)

(City Representative's Phone Number)

(Date)

(Date)

The City requires all questions to be submitted via the BidSync website. Such request must be received by the "Question Due Date," questions received after the "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.



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:

ACADEMIC VILLAGE SWIMMING POOL RENOVATIONS

PREPARED FOR:



601 CITY CENTER WAY
PEMBROKE PINES, FL 33025

954-450-1060

ISSUED FOR:
BIDDING
APRIL 12, 2019

DESIGN PROFESSIONALS

LANDSCAPE ARCHITECT
BERMELLO AJAMIL & PARTNERS, INC.

Architecture, Engineering, Planning, Interior Design, Landscape Architecture
2601 South Bayshore Drive, 10th Floor
Miami, Florida 33133
(305) 859-2050
(305) 860-3700 (Fax)
Contact: Kirk Olney
kolney@bermelloajamil.com



AQUATIC DESIGN & ENGINEERING
AQUADYNAMICS

5000 SW 75th Ave., Suite 103
Miami, Florida 33155
(305) 667-8975
(305) 662-1002 (Fax)
Contact: John Wahler
info@aquadynamics.biz



INDEX OF DRAWINGS

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- SP-05 50 METER COMPETITIVE POOL EXISTING PIPING PLAN
- SP-06 MYRTHA DETAILS
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- LM-03 SHADE CANOPY SWIMMERS ADD ALTERNATE DETAILS (ADD ALTERNATE No.4)

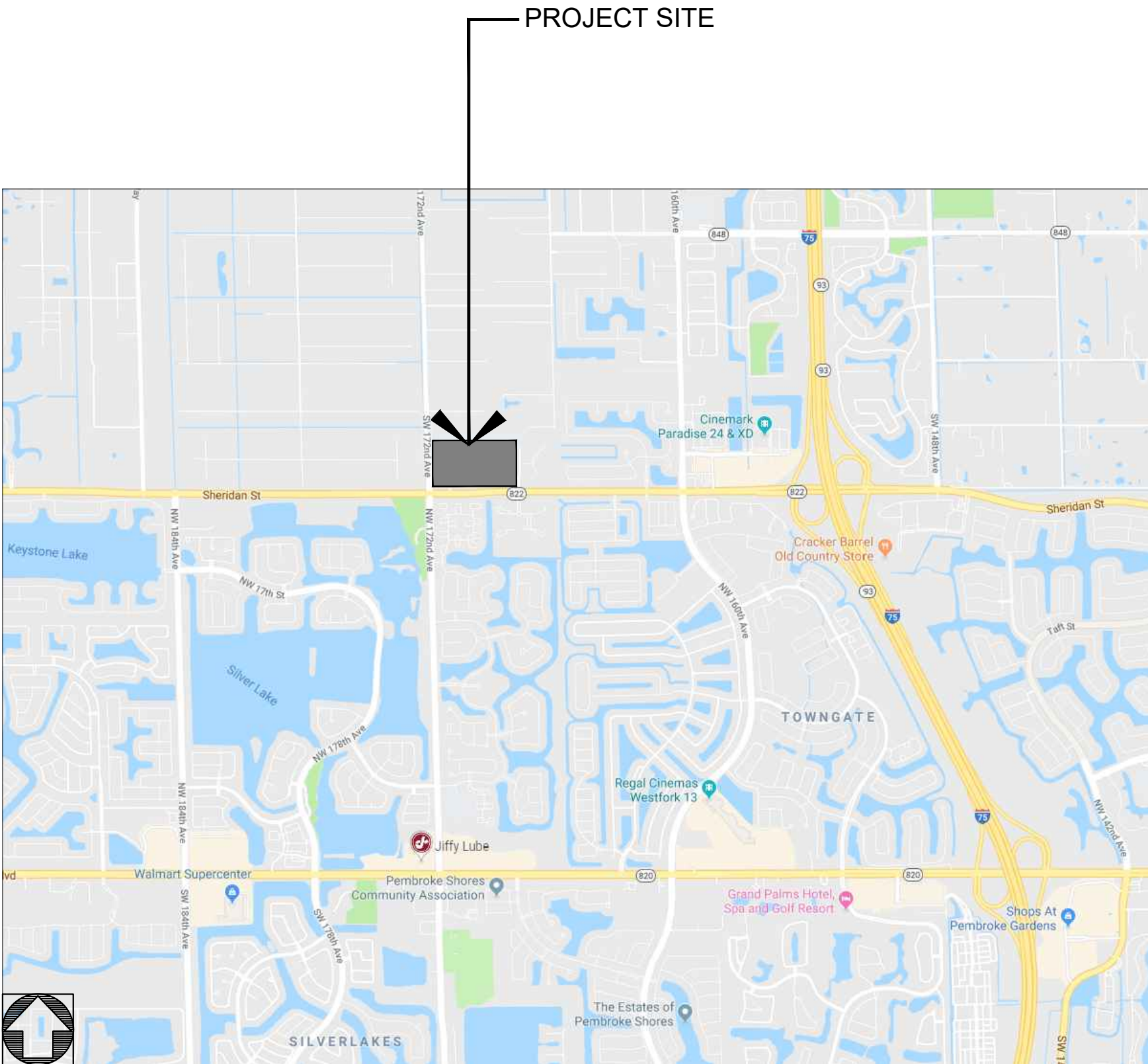
SCOPE OF WORK:

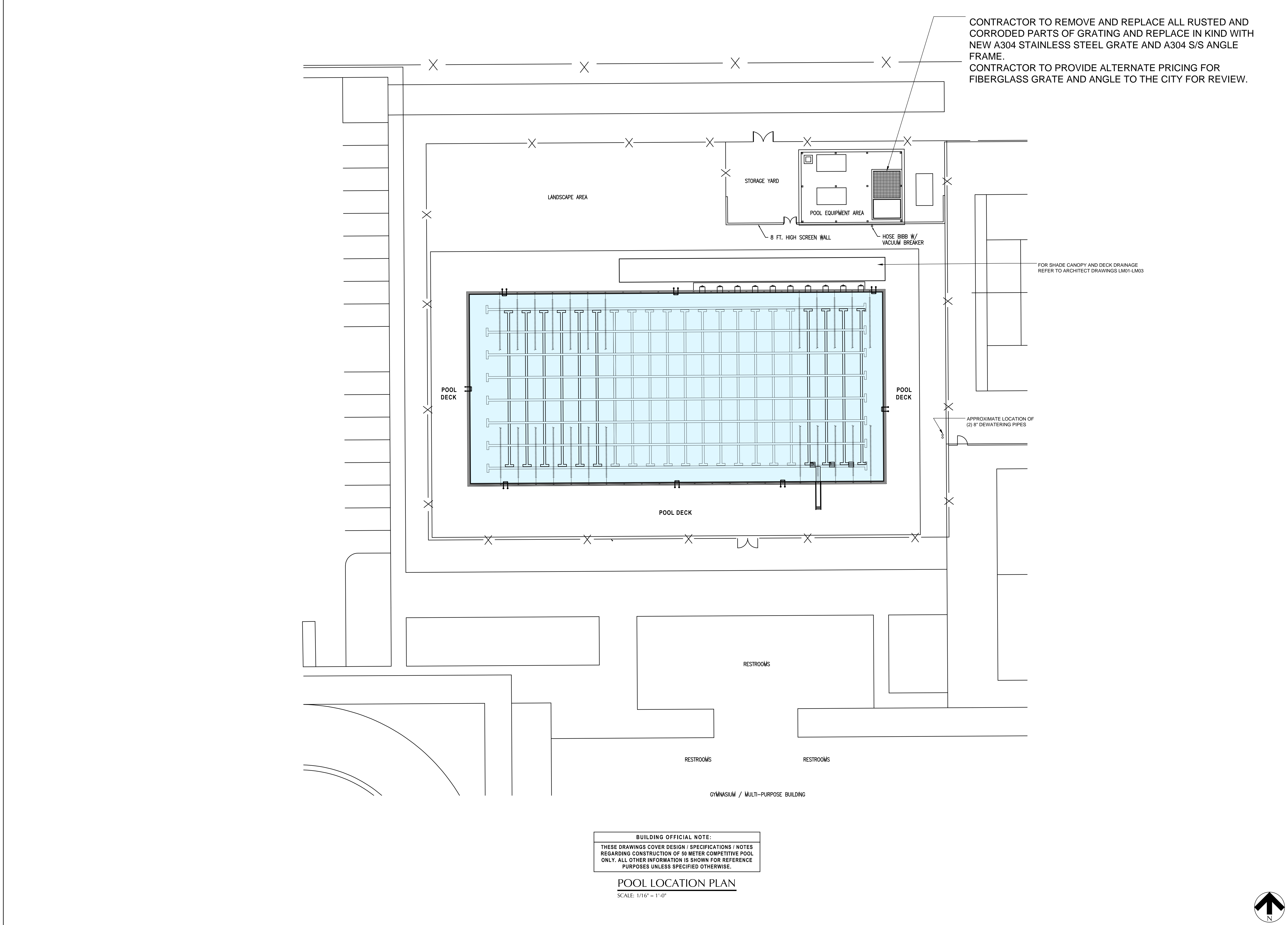
1. THE PURPOSE OF THIS PROJECT IS TO REPAIR BROKEN, MALFUNCTIONING AND INEFFICIENT SWIMMING POOL COMPONENTS AND FEATURES. OBSERVED KNOWN COMPONENTS AND FEATURES THAT ARE BROKEN, MALFUNCTIONING AND INEFFICIENT HAVE BEEN IDENTIFIED HERE IN THESE DRAWINGS AND NOTES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RESOLVE AND CORRECT THESE BROKEN, MALFUNCTIONING AND INEFFICIENT COMPONENTS AND FEATURES IN A WORKMAN LIKE MANNER AND TO THE SATISFACTION OF THE CITY. IT IS UNDERSTOOD AND STATED HERE FOR CLARITY, THAT THERE ARE PROBABLY BROKEN, MALFUNCTIONING AND INEFFICIENT COMPONENTS AND FEATURES THAT HAVE NOT BEEN IDENTIFIED HERE THAT WILL BE DISCOVERED DURING THE CONSTRUCTION PROCESS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ALSO REPAIR AND CORRECT DISCOVERED BROKEN, MALFUNCTIONING AND INEFFICIENT SWIMMING POOL COMPONENTS AND FEATURES AT A FAIR AND AGREED TO DOLLAR AMOUNT.
2. THE PROJECT INCLUDES THE RESURFACING OF THE POOL INTERIOR WITH A RENOSYS PVC MEMBRANE LINER (OR APPROVED EQUAL), TESTING AND REPAIR TO EXISTING LEAKING FLOOR RETURN FITTINGS AND PIPING, TESTING AND REPAIR OF GUTTER PIPING AND SEAMS INSIDE MYRTHA GUTTER TROUGH.
3. REFER TO ALL DRAWINGS, SPECIFICATIONS AND DETAILS ATTACHED HEREIN
4. CONFIRM LEAKS IDENTIFIED IN THE LEAK DETECTION REPORT AND REPAIR ALL LEAKS. CONFIRMATION MAY INCLUDE TESTING ALL FLOOR RETURNS.
5. REMOVE EXISTING DECK DRAINS ON PERIMETER OF THE POOL AND INSTALL COMMERCIAL DECK DRAINS REPAIR INCLUDES PAVER WORK. REFER TO SEPARATE ARCHITECTS DRAWINGS FOR DETAILS.
6. PREPARE SURFACE AND PROVIDE AND APPLY NEW PVC MEMBRANE TO WALL AND FLOOR ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
7. PROVIDE RACE LINE MARKINGS AND WALL TARGET PER MANUFACTURERS SPECIFICATIONS REFER TO PLANS FOR LANE LAYOUT
8. INSTALL NEW LANE LINE DIVIDERS AND ASSOCIATED ANCHORS AT ALL NEW LANE LINE LOCATIONS.
9. BLANK OFF TWENTY (20) EXISTING LIGHT VESSEL PENETRATIONS AND SEAL WITH PVC COVER PLATES AND SEAL SO THAT THERE ARE NO LEAKS.
10. POOL CONTRACTOR TO BE RESPONSIBLE FOR THE DEWATERING FOR THIS PROJECT AND TO CARRY ALL RISKS ASSOCIATED WITH IT.
11. REMOVE AND REPLACE RUSTED GRATE OVER COLLECTOR TANK AND REPLACE WITH NEW STAINLESS GRATE AND ANGLE FRAME
12. WATERPROOF INSIDE OF COLLECTOR TANK WITH FLEXCRETE OR EQUAL WATERPROOFING MEMBRANE.
13. CONTRACTOR TO PROVIDE MINIMUM 10 YEAR WARRANTY FOR INSTALLATION OF LINER. SEE LINER SPECS ON SHEET SP-10.
14. SURFACE AND SUBSURFACE DRAINAGE.
15. REMOVE AND CLEAN, REPLACE AND SEAL EXISTING PAVERS.
16. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS PRIOR TO WORK.

ALTERNATES:

1. PROVIDE 10 NEW S.R. SMITH VELOCITY START PLATFORMS WITH SIDE MOUNT IN A NEW CONCRETE APRON, NO EXISTING PLATFORMS ARE TO BE REMOVED (ADD ALTERNATE No. 1)
2. REMOVE THE 3M DIVING BOARD AND REPAIR THE POOL DECK; SANDBLAST AND PAINT EXISTING 1M DIVING BOARD (ADD ALTERNATE No. 2)
3. INSTALL NEW STAINLESS STEEL GRATE FOR THE "PIT" AREA (ADD ALTERNATE No. 3)
4. INSTALL NEW PERMANENT SHADE STRUCTURES IN LIEU OF THE CURRENT TEMPORARY STRUCTURES (ADD ALTERNATE No. 4)

LOCATION MAP





CONTRACTOR TO REMOVE AND REPLACE ALL RUSTED AND CORRODED PARTS OF GRATING AND REPLACE IN KIND WITH NEW A304 STAINLESS STEEL GRATE AND A304 S/S ANGLE FRAME.
CONTRACTOR TO PROVIDE ALTERNATE PRICING FOR FIBERGLASS GRATE AND ANGLE TO THE CITY FOR REVIEW.

NOTICE TO BUILDER:
TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED ON THESE DRAWINGS CONFORMS TO THE STANDARDS SET IN THE FLORIDA BUILDING CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, AND FIELD CONDITIONS PRIOR TO THE START OF THE WORK, AND NOTIFYING THE ENGINEER, AT ONCE, OF ANY AND ALL ERRORS, DISCREPANCIES, IRREGULARITIES, OR OMISSIONS PERTAINING TO THE SUCCESSFUL COMPLETION OF THE PROJECT INDICATED.

PROFESSIONAL SEAL:

OFELIA TABOADA, P.E.
PROFESSIONAL REG. NO. 55339
CIVIL ENGINEER

SUBMITTAL DESCRIPTION / MILESTONE:

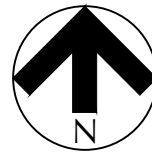
BIDDING
APRIL 12, 2019

REVISIONS:

DRAWING SHEET INFORMATION
BA PROJECT NO.: 19008
SCALE: AS NOTED
DRAWN BY: MF
CHECKED BY: OT/JW

DRAWING TITLE:
POOL LOCATION PLAN

SHEET NO.



PERIMETER OVERFLOW AND RECIRCULATION EQUIPMENT (EXISTING)

NO.	QTY.	ITEM	MFR. OR SUPPLIER	CATALOG #	DESCRIPTION
1	3	MAIN DRAIN BOX	SUPERIOR SWM SYS.	-	STAINLESS STEEL DRAIN BOX, WITH 10" FLANGED CONNECTION
2	3	MAIN DRAIN GRATE	SUPERIOR SWM SYS.	-	FLUSH MOUNTING STAINLESS STEEL GRATE, MIN. OPEN AREA 130 S.I.
3	6	HYDROSTATIC RELIEF VALVE	HAYWARD	SP-1057	2" SPRING LOADED HYDROSTATIC RELIEF VALVE
4	6	HYDROSTATIC RELIEF TUBE	HAYWARD	SP-1055	2" MAIN DRAIN COLLECTOR TUBE
5	120	FLOOR RETURN	MYRTHA POOLS	-	ADJUSTABLE WHITE PLASTIC, 1 1/2" FPT
6	LOT	PERIMETER OVERFLOW SYSTEM	MYRTHA POOLS	-	STAINLESS STEEL CONSTRUCTION, WITH PLASTIC GRATE
7	6	GUTTER TRANSITION	MYRTHA POOLS	-	STAINLESS STEEL CONSTRUCTION, WITH 8" FLANGED CONNECTION

MAINTENANCE EQUIPMENT

NO.	QTY.	ITEM	MFR. OR SUPPLIER	CATALOG #	DESCRIPTION
8	1	PORTABLE VACUUM FILTER	HARNSCO	BKP-155	155 SQ. FT. CARTRIDGE FILTER, WITH CART
9	1	PORTABLE VACUUM PUMP	HAYWARD	SP-2607X10	1 H.P., 115 VOLT, WITH STRAINER BASKET (MOUNT TO ABOVE)
10	1	VACUUM HEAD	TUEC	TRITAN 24	24" COMMERCIAL BRASS HEAD, FOR POLE OR ROPE TOW
11	1	VACUUM HEAD POLE	RECREONICS	10-316	6' LENGTH, 1 1/2" BRASS HANDLE
12	1	VACUUM POLE EXTENSION	RECREONICS	10-318	10' LENGTH, 1 1/2" ALUMINUM POLE
13	1	VACUUM POLE CONNECTOR	RECREONICS	10-317	CAST ALUMINUM SLEEVE
14	1	VACUUM HOSE	FABRICATED PLASTICS	733917-050	2" X 50' SERVICE KING HOSE
15	1	VACUUM/BRUSH POLE	RAINBOW PRODUCTS	191306/806-16	2-PIECE TELESCOPIC POLE, 8' - 16'
16	1	WALL BRUSH	RAINBOW PRODUCTS	111306/902	18", WHITE UV STABILIZED BRISTLES
17	1	SKIM NET	A.J. GAMMANCO	1000	HEAVY DUTY LEAF SKIMMER

DECK EQUIPMENT

NO.	QTY.	ITEM	MFR. OR SUPPLIER	CATALOG #	DESCRIPTION
18	8	LADDER (REMOVABLE)	S.R. SMITH	CUSTOM	STAINLESS STEEL, 4 TREADS, 1.90" O.D. X 0.065" WALL
19	16	ANCHOR SOCKET	S.R. SMITH	AS-100B	4" DEEP BRASS DECK ANCHOR
20	16	ESCUTCHEON	S.R. SMITH	EP-100F	STAINLESS STEEL, ROUND
21	1	1 METER DIVING STAND	DURAFLEX INT'L.	70-231-300	DOUBLE RAILS TWO SIDES
22	1	3 METER DIVING STAND	DURAFLEX INT'L.	70-231-400	DOUBLE RAILS TWO SIDES
23	2	DIVING BOARD	DURAFLEX INT'L.	66-231-331	18" MAXIFLEX 8" COMPETITION DIVING BOARD

SAFETY EQUIPMENT

NO.	QTY.	ITEM	MFR. OR SUPPLIER	CATALOG #	DESCRIPTION
24	30	SAFETY LINE FLOAT	AMERICAN GRANBY	IF5975	5" X 9" HANDLOCK, BLUE/WHITE FLOAT FOR 3/4" DIA. ROPE
25	16	SAFETY LINE	WELLINGTON	15852	3/4" DIA. BLUE/WHITE, HI-FLOAT ROPE
26	4	ROPE HOOK	HAYWARD	SP-47	CHROME PLATED BRONZE, FOR 3/4" DIA. ROPE
27	4	ROPE ANCHOR	MYRTHA POOLS	-	STAINLESS STEEL, CLAMP STYLE
28	2	LIFE HOOK	RAINBOW PRODUCTS	221026/153	20" DIA. ANODIZED ALUMINUM
29	2	LIFE HOOK POLE	RAINBOW PRODUCTS	191116/820-16	16" ALUMINUM, ONE PIECE POLE
30	2	LIFE RING	CAL-JUNE	GW24	24" WHITE, USCG APPROVED
31	2	THROW LINE	A.J. GAMMANCO	60	WHITE POLYPROPYLENE LINE W/ RUBBER BALL
32	2	POLE HANGER	RAINBOW PRODUCTS	221036/145	MOLDED ABS PLASTIC
33	2	PORTABLE LIFE GUARD CHAIR	KOI PARAGON	20401	STAINLESS STEEL PLATFORM, 4 STEP, CHAIR 6 FT. ABOVE DECK

RACING EQUIPMENT

NO.	QTY.	ITEM	MFR. OR SUPPLIER	CATALOG #	DESCRIPTION
34	16	STARTING PLATFORM	KOI PARAGON	23210	STAINLESS STEEL, 10" SLOPING TOP, W/ BACKSTROKE BAR
35	24	STARTING PLATFORM ANCHOR	KOI PARAGON	23301	ANCHOR FOR ABOVE STARTING PLATFORM
36	9	50M LANE DIVIDER	STANDARD BRONZE	5784-B	COMPETITOR STYLE, WITH 20 STD DISCONNECTS
38	42	LANE DIVIDER ANCHOR	MYRTHA POOLS	-	CHROME PLATED BRONZE, 3" DIA. CUP, 1/2" DIA. EYEBOLT
39	2	50M BACKSTROKE PENNANT LINE	STANDARD BRONZE	3916	12" X 18" HEAVY DUTY VINYL PENNANTS (50M LANE)
40	2	25YD BACKSTROKE PENNANT LINE	STANDARD BRONZE	3916	12" X 18" HEAVY DUTY VINYL PENNANTS (25YD LANE)
41	4	BACKSTROKE STANCHION	STANDARD BRONZE	6902	STAINLESS STEEL, WITH POLISHED CHROME ACCESSORIES
42	LOT	RECALL LINE	STANDARD BRONZE	3917	3/8" DIA. NYLON ROPE (FOR BOTH 50M & 25YD COURSES)
43	2	RECALL LINE STANCHION	STANDARD BRONZE	6903	STAINLESS STEEL, WITH POLISHED CHROME ACCESSORIES
44	16	STANCHION ANCHOR	STANDARD BRONZE	21054	BRONZE CONSTRUCTION, WITH CLOSURE CAP, 6"

MISCELLANEOUS EQUIPMENT

NO.	QTY.	ITEM	MFR. OR SUPPLIER	CATALOG #	DESCRIPTION
45	1	STATIC LINE FITTING	MYRTHA POOLS	-	1 1/2" CYCLOAC RECEPTABLE, WHITE
46	1	STATIC LINE GRATE	MYRTHA POOLS	-	1 1/2" CYCLOAC INSERT, WHITE
47	21	UNDERWATER LIGHT	AMERICAN PRODUCTS	78438100	12V, 30W, W/ 50' CORD AND LOW WATER CUT-OFF
48	21	UNDERWATER LIGHT NICHE	AMERICAN PRODUCTS	78232500	STAINLESS STEEL FORMING SHELL, W/ 1" CONDUIT
49	21	TRANSFORMER	A.J. GAMMANCO	51-300-12	120/12 VOLT, 300 WATT
50	40	AGRATION NOZZLE	SUPERIOR SWM SYS.	-	STAINLESS STEEL, 1" MPS
51	1	HANDICAP LIFT ANCHOR	SPECTRUM POOL	28100	REGO-LIFT™ STAINLESS STEEL DESIGN, MANUAL HYDRAULIC
52	1	POOL COVER	RECREONICS	60-188	DELUXE INSULATING POOL BLANKET, W/ WEIGHTED EDGES
53	1	POOL COVER STORAGE REEL	RECREONICS	60-174.20	STAINLESS STEEL CONSTRUCTION, 20 FT. WIDTH, TRIPLE WINDER
54	1	STORAGE REEL COVER	RECREONICS	60-181	BLUE WOVEN POLYETHYLENE LAMINATE FABRIC COVER
55	1	TEST KIT	TAYLOR	2005	COMPLETE COMMERCIAL TEST KIT
56	1	POOL RULE SIGN	RAINBOW PRODUCTS	234800	BLUE/WHITE HIGH IMPACT PLASTIC, 1" MIN. HIGH LETTERS

POOL DATA

AREA	12,332 SQ. FT.
PERIMETER	478.5 FT.
VOLUME	639,300 GAL.
TURNOVER RATE	6 HRS.
FLOW RATE	1,776 GPM
BATHING LOAD	355 PERSONS

EXISTING 3M BOARD TO BE REMOVED
& DECK AREA RESTORED TO MATCH
EXISTING DECK

REMOVE EXISTING 1 METER STAND,
SANDBLAST, PAINT WITH PRIMER, AND
FINISH WITH POWDER COATED PAINT.
COLOR TO BE SELECTED BY CITY

POOL LONGITUDINAL PROFILE

SCALE: 1" = 10'-0"

(THROUGH DRAINS)

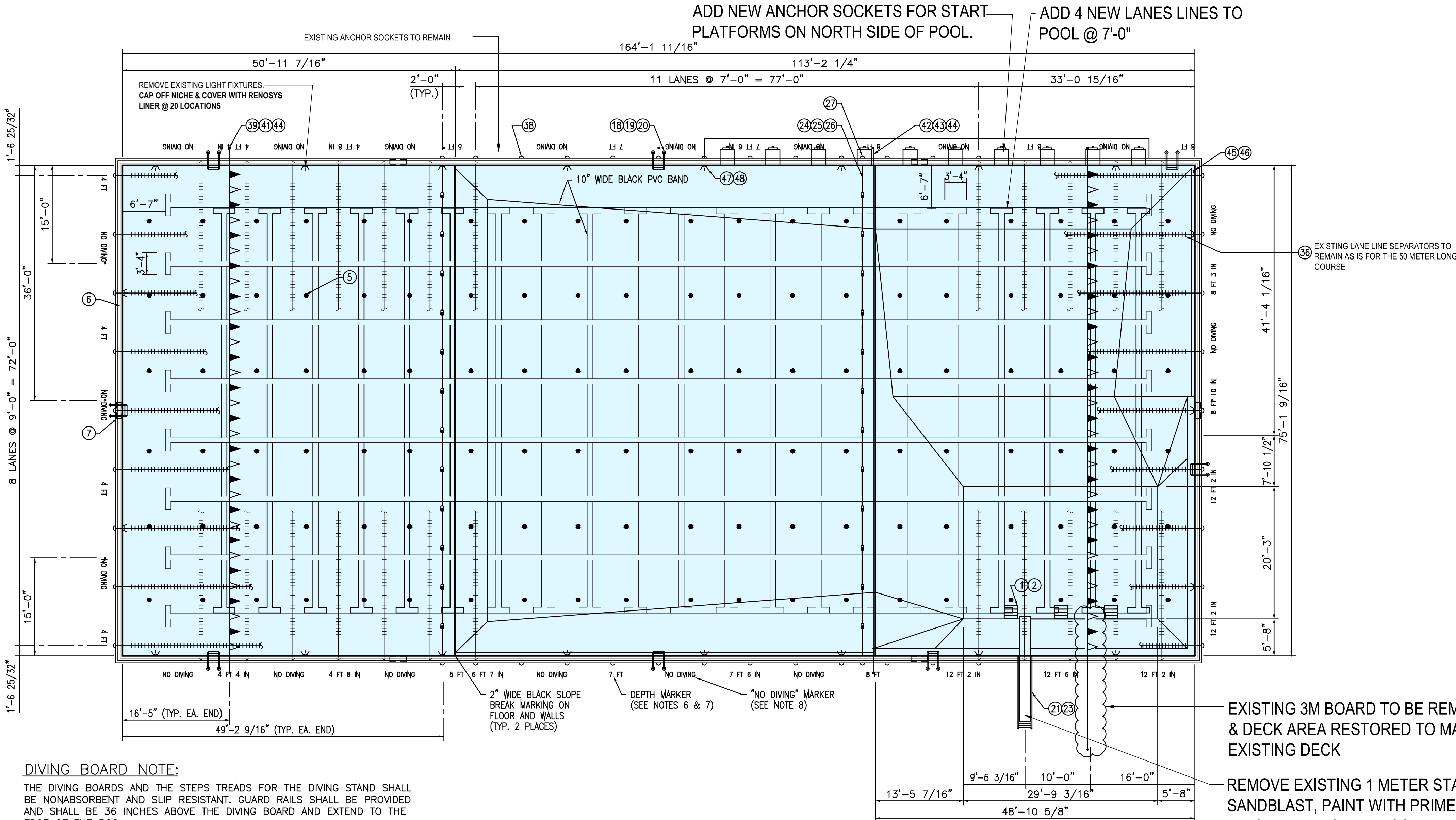
POOL TRANSVERSE PROFILE

SCALE: 1" = 10'-0"

(DIVING AREA)

ADD NEW ANCHOR SOCKETS FOR START
PLATFORMS ON NORTH SIDE OF POOL.

ADD 4 NEW LANES LINES TO
POOL @ 7'-0"

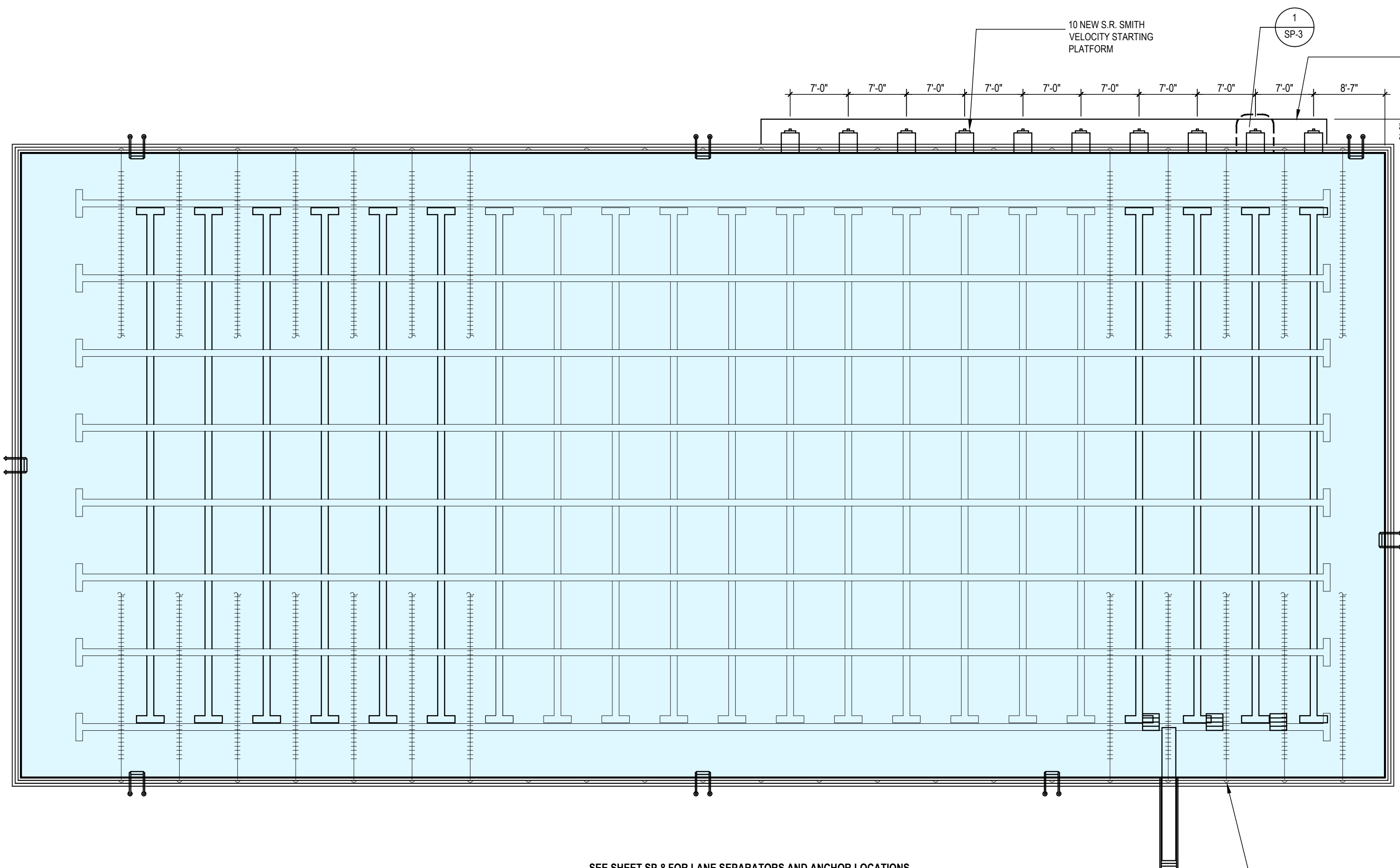
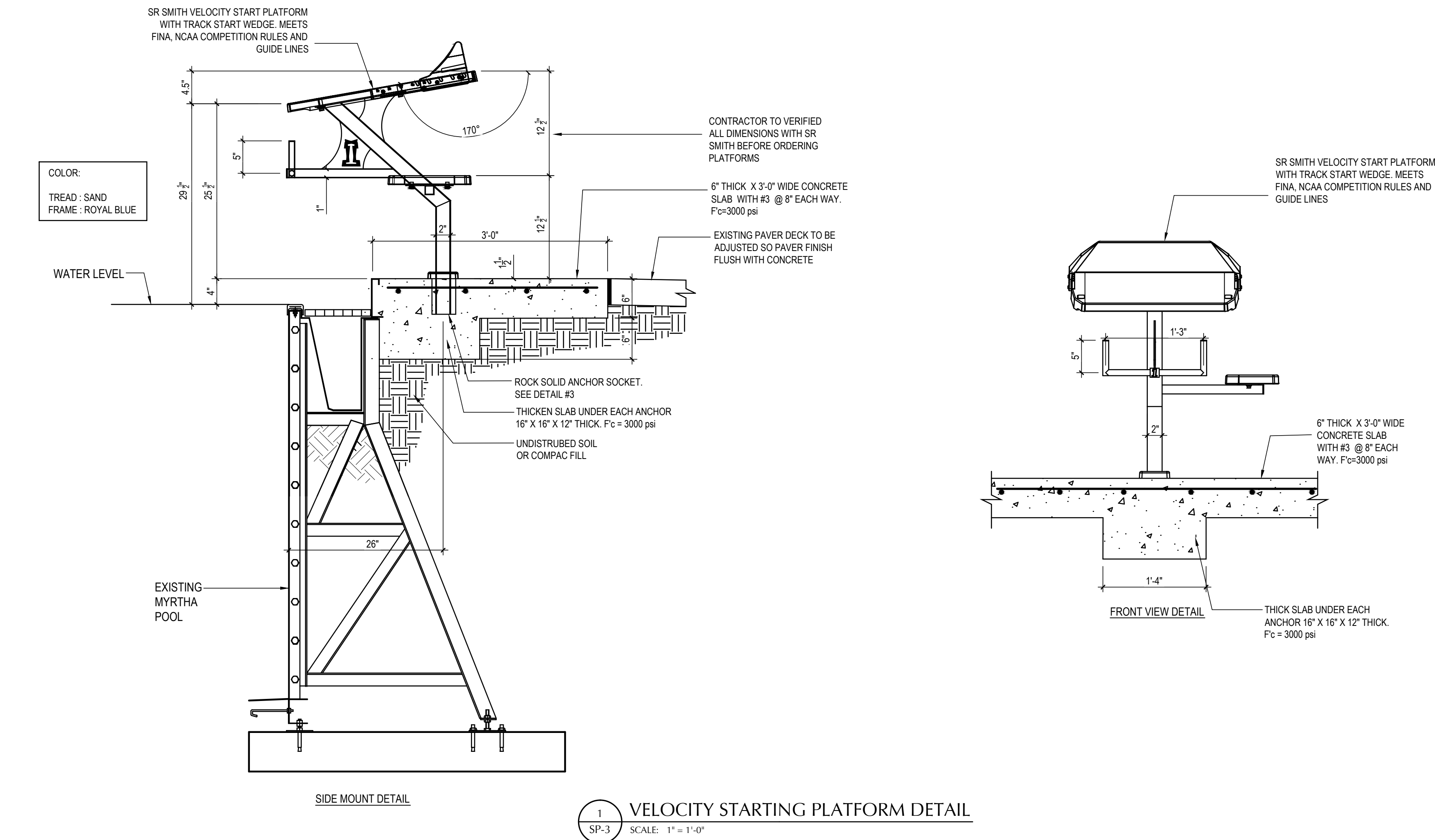


DIVING BOARD NOTE:

THE DIVING BOARDS AND THE STEPS TREADS FOR THE DIVING STAND SHALL
BE NONABSORBENT AND SLIP RESISTANT. GUARD RAILS SHALL BE PROVIDED
AND SHALL BE 36 INCHES ABOVE THE DIVING BOARD AND EXTEND TO THE
EDGE OF THE POOL.

50 METER COMPETITIVE POOL PLAN WITH ADDITIONAL LANES

SCALE: 1" = 10'-0"



SEE SHEET SP-8 FOR LANE SEPARATORS AND ANCHOR LOCATIONS
START PLATFORM LOCATION PLAN
SCALE: 1" = 10'-0"

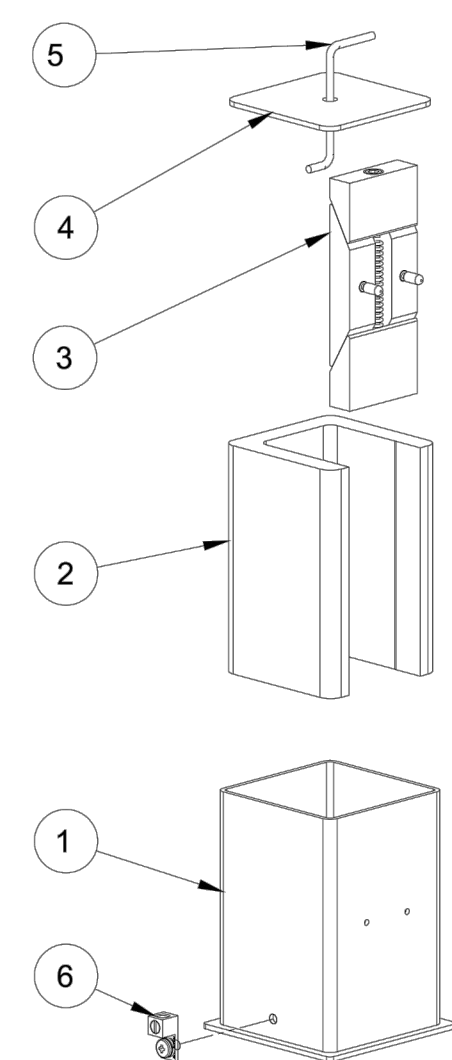
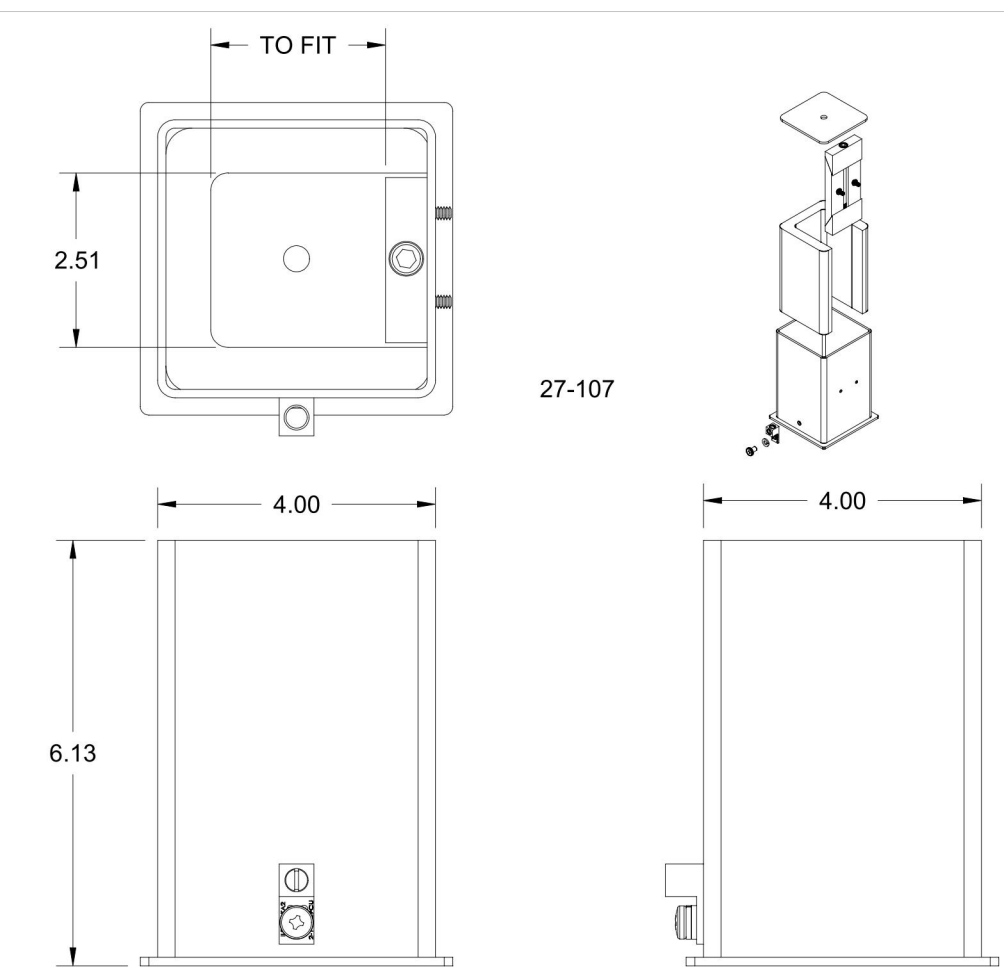
NOTE:
CONTRACTOR SHALL EVALUATE STRUCTURAL CONDITION OF EXISTING KDI PARAGON START PLATFORMS AND PLATFORM ANCHORS AND REPAIR/REPLACE AS NECESSARY TO RESTORE PLATFORMS TO A SAFE OPERATING CONDITION.

ADD NEW "MYRTHA" LANE SEPARATORS ANCHORS IN GUTTER TROUGH @ ALL NEW LANE LOCATIONS



2 S.R.SMITH STARTING PLATFORM ISOMETRIC
SCALE: N.T.S.

Adjustable Single Post Anchor Assembly



Item No.	Part No.	Description
1	20-139	Anchor Body
2	4-602	Liner Insert
3		Wedge Assembly
4	4-113-1	Cover Plate
5	5-215-1	Cover Plate Removal Tool
6		Ground Lug Assembly

3 STARTING PLATFORM ANCHOR DETAIL
SCALE: N.T.S.

Attachment I
BA Bermello Ajamil & Partners
Architecture • Civil Engineering • Landscape Architecture
2601 South Bayshore Drive
Suite 1000
Miami, Florida 33133
(305) 859-2050
Fax (305) 860-3700

PREPARED FOR/OWNER:
The City of PEBROKE PINES
601 CITY CENTER WAY
PEMBROKE PINES, FL 33025
(954) 450-1060

PROJECT NAME:
ACADEMIC VILLAGE SWIMMING POOL RENOVATIONS

PROJECT LOCATION/ADDRESS:
PEMBROKE PINES CHARTER HIGH SCHOOL 17198 SHERIDAN STREET PEMBROKE PINES, FL 33028

SUB-CONSULTANT INFORMATION:
AQUADYNAMICS
DESIGN GROUP, INC.
AQUATIC ENGINEERING CONSULTANTS
WATER PARK & FAMILY AQUATIC CENTER DESIGN / RESORT, HOTEL & CONDOMINIUM POOL DESIGN / FORENSICS, EVALUATIONS & ANALYSIS / DOH VIOLATIONS, VARIANCES, PERMITTING / CUSTOM RESIDENTIAL DESIGN
5000 SW 75th AVENUE, SUITE 103, MIAMI, FLORIDA 33155
PHONE: (305) 667-8875 FAX: (305) 662-1002 EB 4894
E-MAIL: info@aquadynamics.biz
WEB SITE: www.aquadynamics.biz

NOTICE TO BUILDER:
TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED ON THESE DRAWINGS CONFORMS TO THE STANDARDS SET IN THE FLORIDA BUILDING CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, AND FIELD CONDITIONS PRIOR TO THE START OF THE WORK, AND NOTIFYING THE ENGINEER, AT ONCE, OF ANY AND ALL ERRORS, DISCREPANCIES, IRREGULARITIES, OR OMISSIONS PERTAINING TO THE SUCCESSFUL COMPLETION OF THE PROJECT INDICATED.

PROFESSIONAL SEAL:
OFFELIA TABOADA, P.E.
PROFESSIONAL REG. NO. 55339
CIVIL ENGINEER

SUBMITTAL DESCRIPTION / MILESTONE:
BIDDING
APRIL 12, 2019

REVISIONS:

DRAWING SHEET INFORMATION
BA PROJECT NO.: 19008
SCALE: AS NOTED
DRAWN BY: MF
CHECKED BY: OT/JW

DRAWING TITLE:
50 METER COMPETITIVE POOL STARTING PLATFORM DETAILS

SHEET NO.
SP-3

PREPARED FOR/OWNER:



THE CITY OF PEMBROKE PINES
601 CITY CENTER WAY
PEMBROKE PINES, FL 33025
(954) 450-1060

PROJECT NAME:

**CHARTER HIGH
SCHOOL SWIMMING
POOL REPAIRS**

PROJECT LOCATION/ADDRESS:

PEMBROKE PINES
CHARTER HIGH SCHOOL
17198 SHERIDAN STREET
PEMBROKE PINES, FL 33028

SUB-CONSULTANT INFORMATION:



DESIGN GROUP, INC.
AQUATIC ENGINEERING CONSULTANTS

WATER PARK & FAMILY AQUATIC CENTER DESIGN /
RESORT, HOTEL & CONDOMINIUM POOL DESIGN
FORENSICS, EVALUATIONS & ANALYSIS / DOH VIOLATIONS,
VARIANCES, PERMITTING / CUSTOM RESIDENTIAL DESIGN

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COMPLETION OF THE PROJECT
INDICATED.

PROFESSIONAL SEAL:

OFELIA TABOADA, P.E.
PROFESSIONAL REG. NO. 55339
CIVIL ENGINEER

SUBMITTAL DESCRIPTION / MILESTONE:

**PROGRESS REVIEW
FEBRUARY 19, 2019**

REVISIONS:

DRAWING SHEET INFORMATION

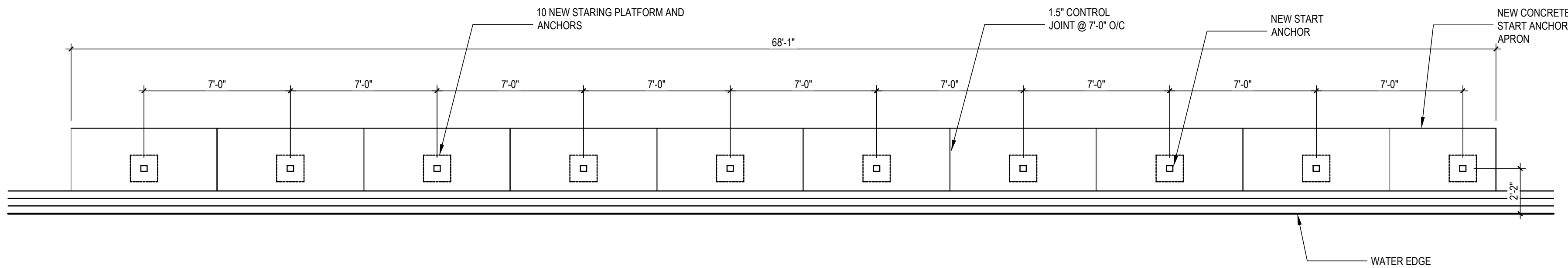
BA PROJECT NO.: 19008
SCALE: AS NOTED
DRAWN BY: MF
CHECKED BY: OT/JW

DRAWING TITLE:

50 METER COMPETITIVE
POOL STARTING ANCHOR
SLAB DETAILS

SHEET NO.

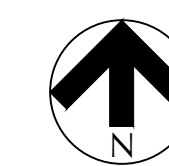
SP-4



50 METERS NORTH SIDE POOL ANCHOR SLAB PLAN VIEW

SCALE: 1/4" = 1'-0"





PREPARED FOR/OWNER:



THE CITY OF PEMBROKE PINES
601 CITY CENTER WAY
PEMBROKE PINES, FL 33025
(954) 450-1060

PROJECT NAME:

CHARTER HIGH
SCHOOL SWIMMING
POOL REPAIRS

PROJECT LOCATION/ADDRESS:

PEMBROKE PINES
CHARTER HIGH SCHOOL
17198 SHERIDAN STREET
PEMBROKE PINES, FL 33028

SUB-CONSULTANT INFORMATION:



DESIGN GROUP, INC.
AQUATIC ENGINEERING CONSULTANTS
WATER PARK & FAMILY AQUATIC CENTER DESIGN /
RESORT, HOTEL & CONDOMINIUM POOL DESIGN
FORENSICS, EVALUATIONS & ANALYSIS / DOH VIOLATIONS,
VARIANCES, PERMITTING / CUSTOM RESIDENTIAL DESIGN

5000 SW 75th AVENUE, SUITE 103, MIAMI, FLORIDA 33155
PHONE: (305) 667-8875 FAX: (305) 662-1032 EB 4894
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PROFESSIONAL SEAL:

OFELIA TABOADA, P.E.
PROFESSIONAL REG. NO. 55339
CIVIL ENGINEER

SUBMITTAL DESCRIPTION / MILESTONE:

PROGRESS REVIEW
FEBRUARY 19, 2019

REVISIONS:

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DRAWING SHEET INFORMATION

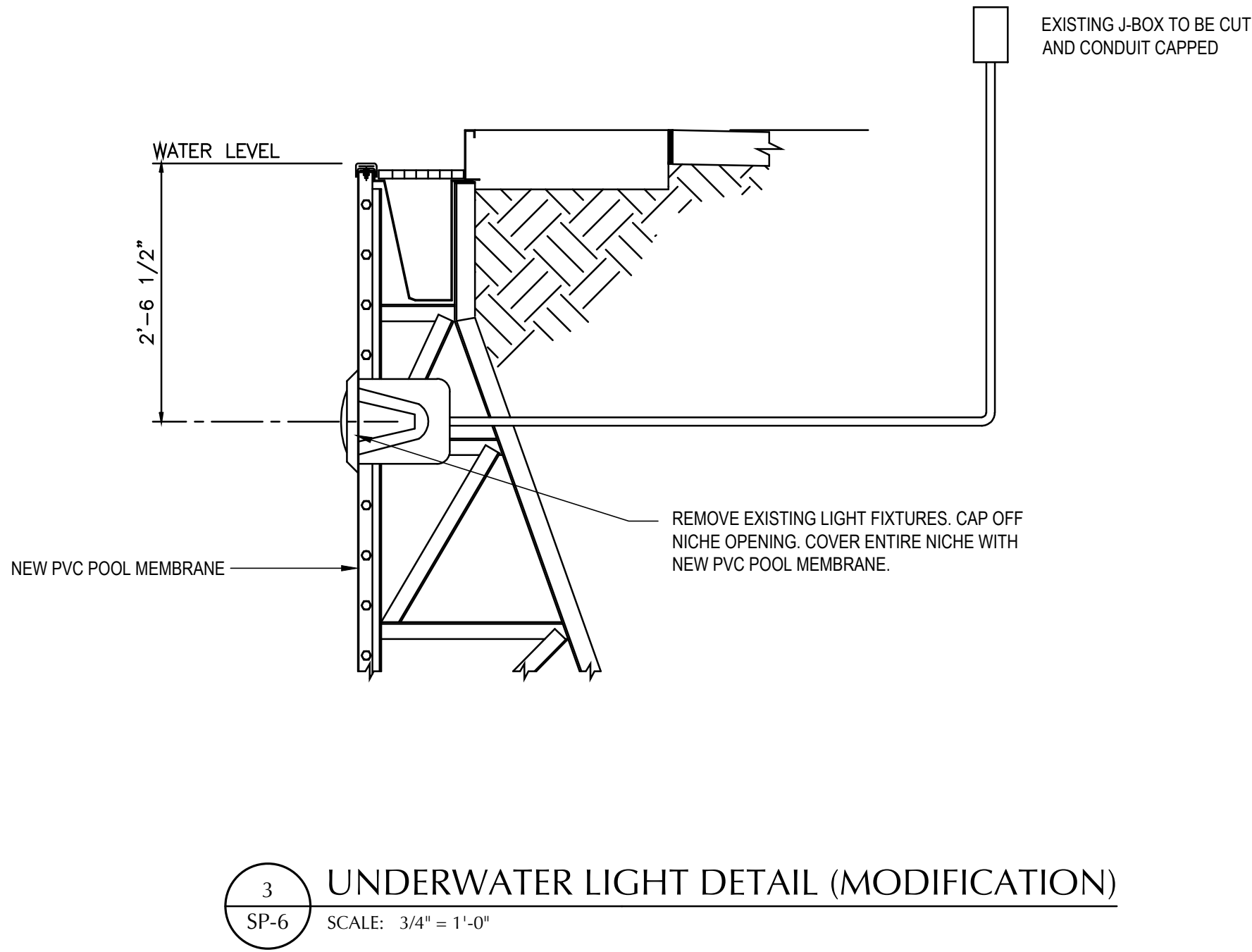
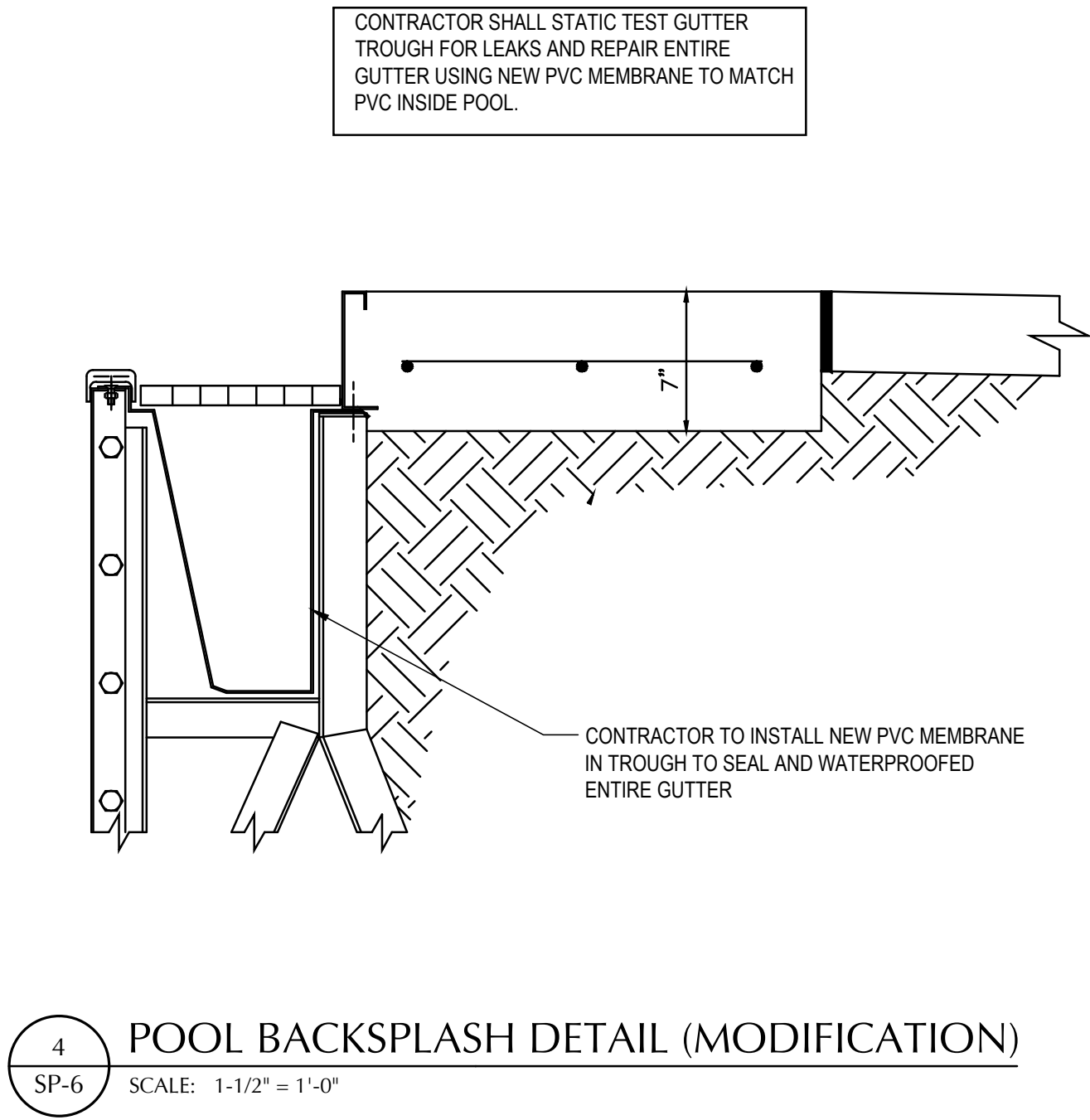
BA PROJECT NO.: 19008
SCALE: AS NOTED
DRAWN BY: MF
CHECKED BY: OT/JW

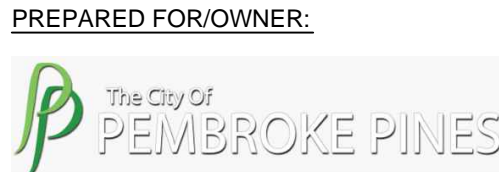
DRAWING TITLE:

MYRTHA DETAILS

SHEET NO.

SP-6





THE CITY OF PEMBROKE PINES
601 CITY CENTER WAY
PEMBROKE PINES, FL 33025
(954) 450-1060

PROJECT NAME:
**CHARTER HIGH
SCHOOL SWIMMING
POOL REPAIRS**

PROJECT LOCATION/ADDRESS:
**PEMBROKE PINES
CHARTER HIGH SCHOOL
17198 SHERIDAN STREET
PEMBROKE PINES, FL 33028**

SUB-CONSULTANT INFORMATION:
AQUADYNAMICS
DESIGN GROUP, INC.
AQUATIC ENGINEERING CONSULTANTS
WATER PARK & FAMILY AQUATIC CENTER DESIGN /
RESORT, HOTEL & CONDOMINIUM POOL DESIGN
FORENSICS, EVALUATIONS & ANALYSIS / DOH VIOLATIONS,
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PROFESSIONAL SEAL:

OFFELIA TABOADA, P.E.
PROFESSIONAL REG. NO. 55339
CIVIL ENGINEER

SUBMITTAL DESCRIPTION / MILESTONE:

**PROGRESS REVIEW
FEBRUARY 19, 2019**

REVISIONS:

DRAWING SHEET INFORMATION
BA PROJECT NO.: 19008
SCALE: AS NOTED
DRAWN BY: MF
CHECKED BY: OT/JW

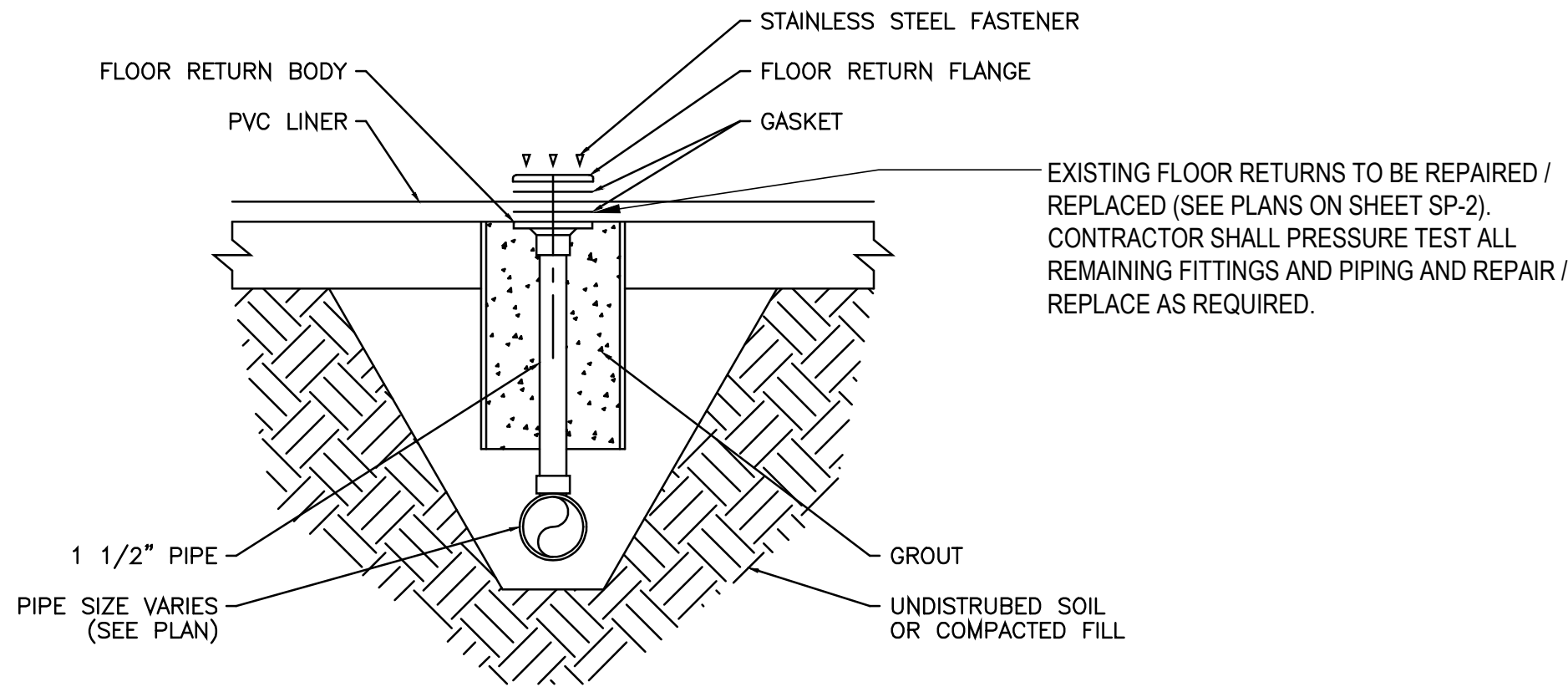
DRAWING TITLE:

POOL DETAILS

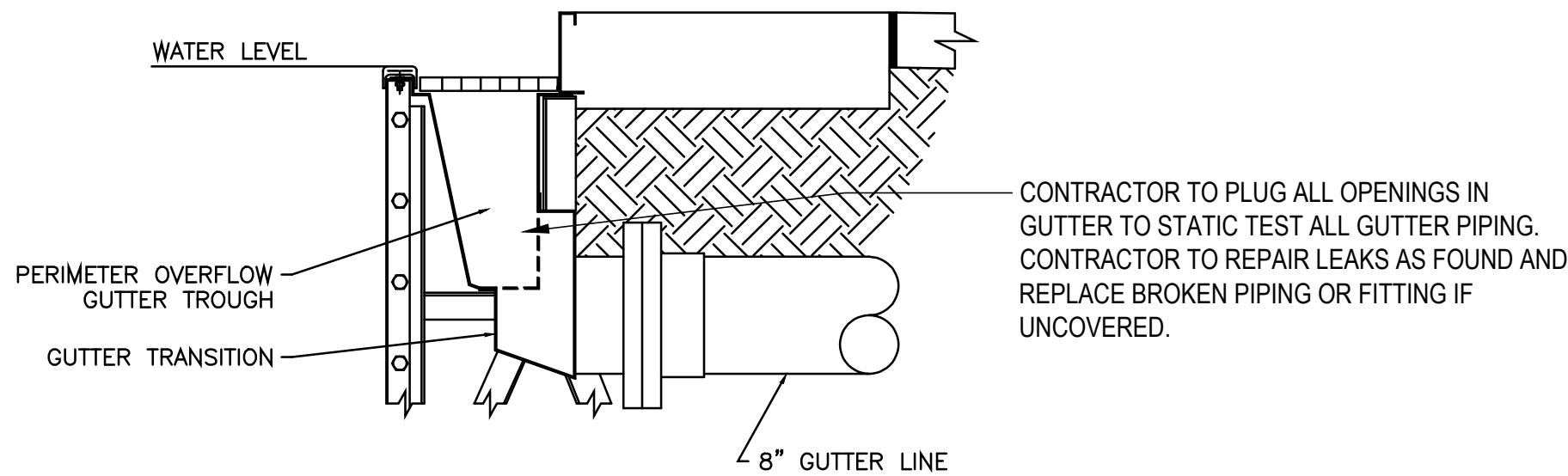
SHEET NO.

SP-7

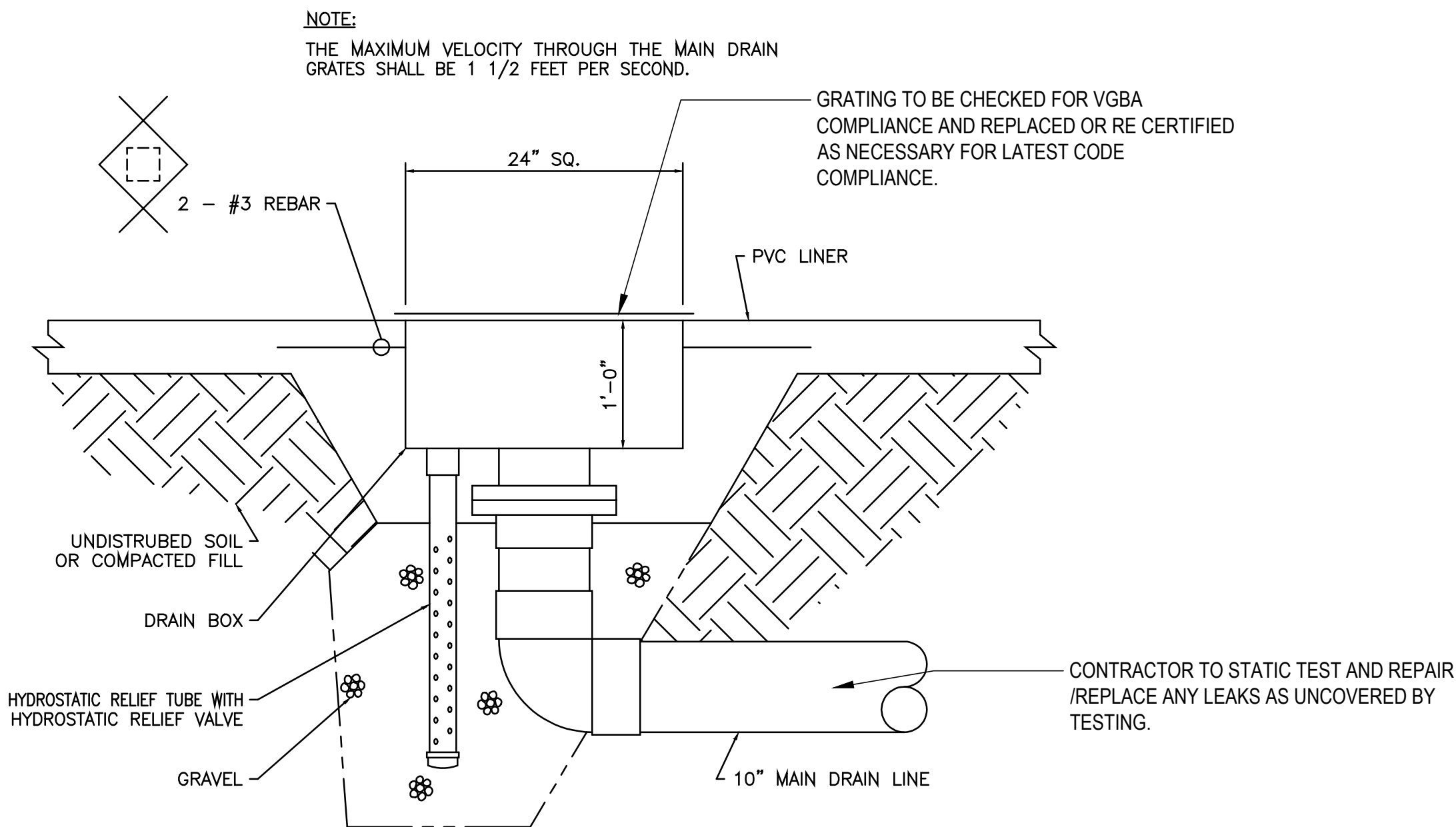
NOTE:
THE FLOOR RETURN ASSEMBLY SHALL NOT PROTRUDE MORE THAN 5/8 INCH ABOVE THE POOL FLOOR.



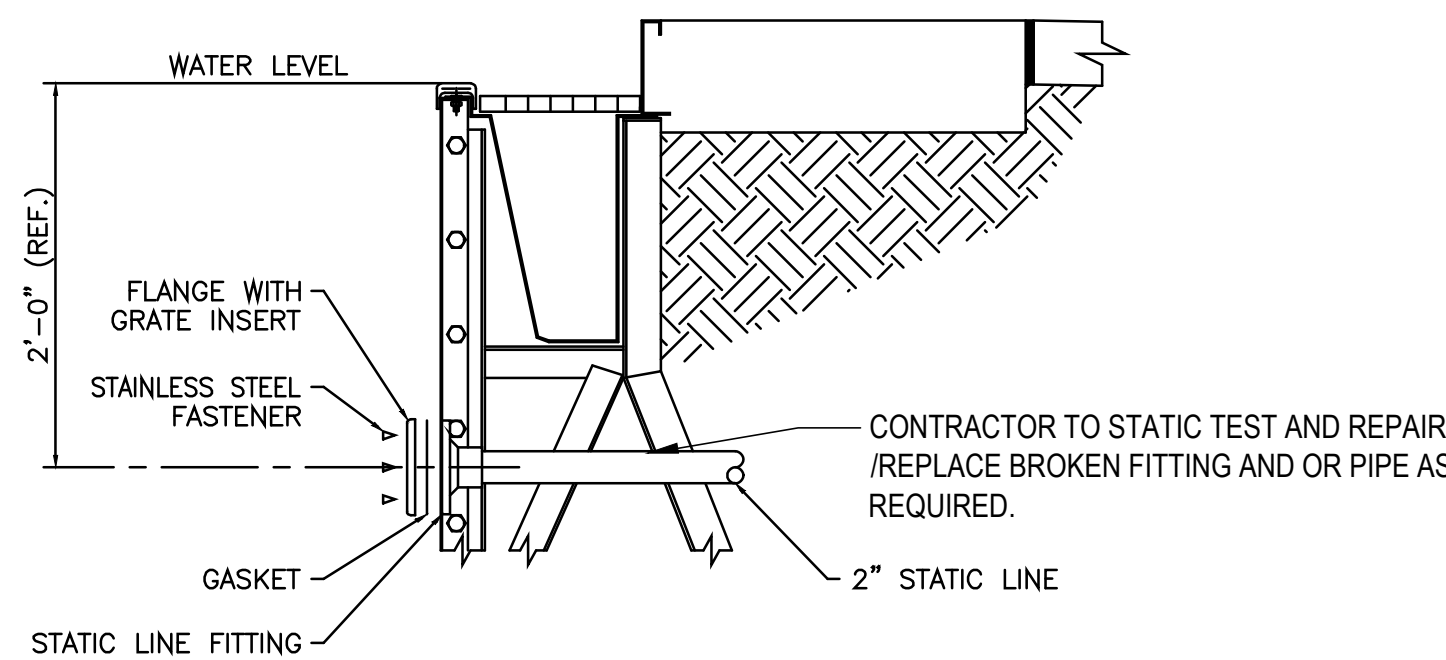
FLOOR RETURN DETAIL



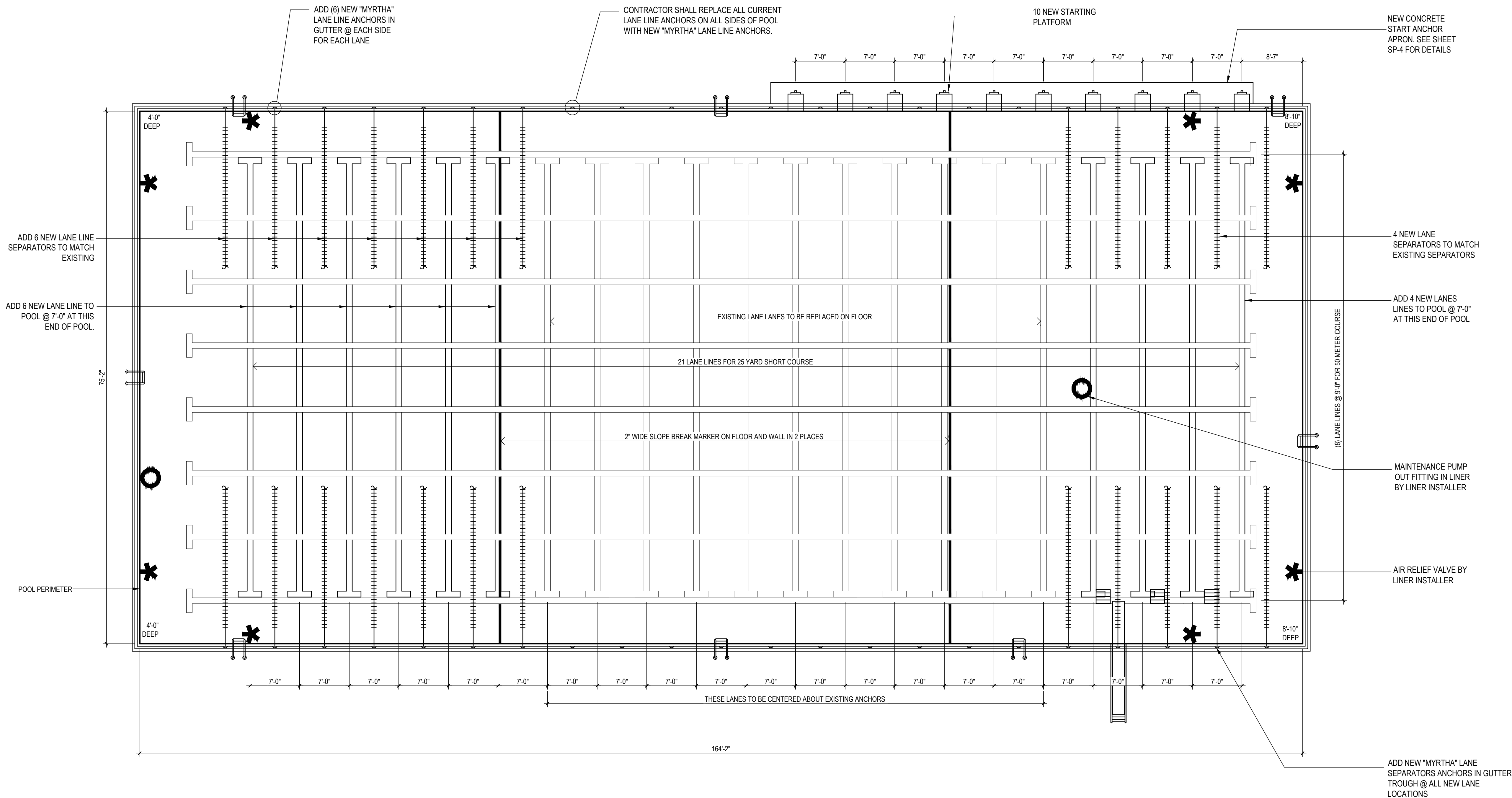
GUTTER PIPING DETAIL



MAIN DRAIN DETAIL



STATIC FITTING DETAIL

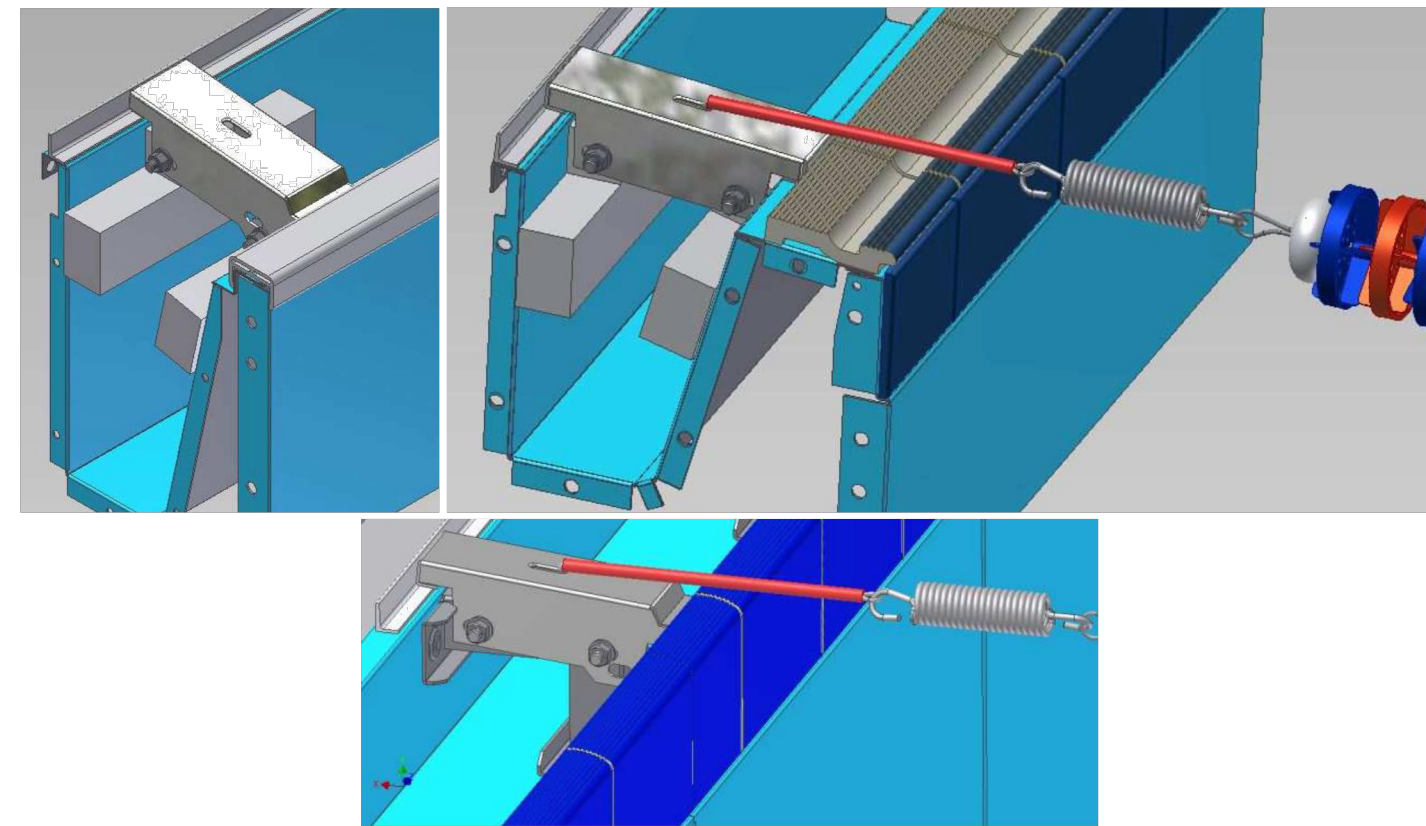


LANE LINE LAYOUT PLAN

SCALE: 1/8" = 1'-0"

NOTES:

1. ALL DIMENSIONS AND LOCATIONS TO BE FIELD VERIFIED PRIOR TO INSTALLATION.
2. LINER AND MEMBRANES ARE REFLECTIVE SYSTEMS.
3. * = AIR RELIEF VALUES QTY. 8 REQUIRED.
4. RACING LANE MARKINGS TO BE FIELD LOCATED, CENTERED BETWEEN EXISTING ROPE ANCHORS AND DIMENSIONS PROVIDED.
5. WEEP HOLES ARE PART OF THE MEMBRANE SYSTEM AND WILL BE INSTALLED IN THE POOL STRUCTURE AS REQUIRED
6. ○ = EMERGENCY PUMP OUT QTY. 2 REQUIRED



1 MYRTHA LANE SEPARATOR ANCHOR DETAIL
SP-8 SCALE: N.T.S.

SPECIFICATIONS SECTION 13

PVC MEMBRANE SWIMMING POOL LINING SYSTEM

PART I GENERAL

- 1.1

The following base bid is for a US manufactured, 60 mil thick 81" wide, reinforced textured PVC Pool renovation membrane. The specified product system consists of a 60 mil thick membrane with enhancements designed for maximal product durability and ease of maintenance over time as listed below; a sealed encapsulated machine edge, a wick proof polyester scrim reinforcement, including special additives designed to provide maximal UV and chlorine fade resistance. This specification is presented to establish a minimum level of material quality and to define the installation technique, material quality and experience levels required to perform the required work and is not designed to restrict in any way equal competitive bids. It is assumed that all products bid will be in literal compliance with the product and installation specifications provided herein. It is the purchasing agencies' intention to consider any other alternate systems including materials; manufactured in other countries, of narrower manufacture, made without stain guard coatings, made without wick proof scrims, and manufactured employing standard dyes and materials w/o special UV and Chlorine fade resistance, proven in renovating commercial pool facilities only on a deductive alternate basis. Bidders are required to bid the specified system as their base bid and to provide alternate material systems as a deductive alternate to the base bid.
- 1.2

The individual components and installation criteria described below consists of a complete polyester scrim reinforced PVC membrane lining to be installed in accordance with these specifications and drawings. Material rolls of reinforced PVC membrane shall be custom fit and fuse welded together using Leister hot air hand welders and machine welders (or approved equal). Termination of the PVC system shall occur as shown on the project drawings. Upon completion, the pool lining system shall provide a waterproof lining of the existing pool over the poly felt complete with all necessary hardware, fittings, attachments, flanges, gaskets and all appropriate pool markings as required by applicable state pool codes. All existing pool markings inside the liner zone shall be replaced with full markings in accordance with state code.
- 1.3

NOTE: PRIOR APPROVAL OF A SPECIFIC PVC MATERIAL DOES NOT ALLOW THE INSTALLING CONTRACTOR TO DEVIATE IN ANY MANNER FROM THE SPECIFIED INSTALLATION METHODS AS OUTLINED IN THESE SPECIFICATIONS NOR DOES IT CONSTITUTE ACCEPTANCE OF ANY DEVIATION FROM THIS LEVEL OF QUALITY, OR WARRANTY REQUIREMENTS.
- 1.02 SUBMITTALS

A.) Shop Drawings: Show fabrication and connection details for all connections to existing pool structure.
B.) Provide standard catalogue sheets and installation instructions for each item specified.
C.) Provide 2" x 2" samples of PVC Membrane for chemical and UV testing purposes if required, 10.5 oz felt, PVC coated Stainless Steel, countersunk fastener to be employed at flanges, and marking samples and a 1'x 1' sample of the adhesive attaching the PVC to the Felt under layer. Also supply 4 - 2" x 2" PVC to felt samples for water testing of adhesive bond. Adhesive must hold felt to PVC to felt after a 24 hour water immersion test.
D.) Provide written documentation of project foreman certification.
E.) Contract Closeout Submittals:
1) Provide Care & Maintenance Guide.
2) Provide copy of the supplier's 10-year PVC material warranty. Warranty should completely cover the material against leakage, delaminating, bubbling, pitting, shearing, tearing, cracking or crazing or any material workmanship or defects. The warranty must include the above plus include a 10-year weld warranty on all PVC welding including targets, racing lanes and markings. In the event of failure of the lining system the bidder shall repair or replace the damaged section.
- 1.03 QUALITY ASSURANCE

A.) Pool material supplier and the actual pool membrane manufacturer shall have both been engaged in the manufacture of PVC membranes for use in Swimming Pools for a minimum of Ten Years. Manufacturer shall employ only 100% virgin vinyl throughout the manufacturing process. All PVC membrane components shall be from the same manufacturer to assure compatibility of components and weld ability over time. Products manufactured using recycled materials shall not be allowed.
B.) Contractor must demonstrate a minimum of 10 pools of similar size installed by its staff-utilizing site built PVC reinforced PVC membrane materials.
C.) The foreman provided by the installer shall be certified competent in installing PVC membrane materials by the membrane supplier and shall have a minimum of two years experience welding PVC membranes for pool applications.
D.) Pre-award material chlorine testing. A 2' x 2' sample of the actual material to be employed on the subject project shall be provided for the purpose of testing prior to project award. Sample shall be subjected to a 24-hour chemical resistance test simulating extreme exposure to 100% powdered tri-chlor chlorine. A small 3" x 3" sample of all products submitted in accordance with these bid instructions shall be placed in a shallow plastic container with water and a ½ teaspoon of 100% tri-chlor in powder form shall be applied to the surface of each material and left undisturbed for a period of 48 hours. Fading, material condition and durability of the samples shall be evaluated by the owner and shall be used in final evaluations. A sample of actual materials employed on the project may also be tested to confirm the material quality of products actually employed.
E.) Bidders shall initial each item, and execute and return with the bid, the enclosed PVC liner bidder certification and representation sheet. Failure to include this sheet properly executed shall invalidate the bid.
- 1.04 DELIVERY, STORAGE AND HANDLING

All materials required for the completion of this project shall be delivered to the project site in a manner designed to prevent damage. No hooks or forks shall be used for unloading. The contractor shall perform unloading of all materials. Materials shall be stored in a flat, dry area in a manner that will not damage them. All materials provided are to be new and in unopened packaging.
- 1.05 PROJECT SITE CONDITIONS

The contractor (to a level in accordance with the supplier's requirements) shall prepare project site. All burrs and rough edges shall be ground smooth or covered, pits and voids shall be filled with a vinyl or epoxy concrete patch compound. All working cracks, expansion joints or voids shall be isolated from the 10.5 oz poly felt layer above by the installation of rigid stainless steel or plastic strips. All oil and tar must be removed from the pool or covered with appropriate isolation materials.
- 1.06 WARRANTY

The flexible PVC membrane system shall be warranted by the supplier for workmanship, materials, and shall be specifically warranted to not delaminate, pit, crack, require additional sealing, tear, or become structurally unsuitable for its intended purpose for a period of 10 (ten) years. Additionally, the contractor shall warrant against delaminating at all heat welds at seams and racing lanes for a period of 10 (ten) years. In the event the material should become unusable during this period, the manufacturer and installer agree to repair or replace the defective sections. All other products such as fasteners, caulk, fittings, etc... shall carry a one (1) year warranty.

PART II PRODUCTS

- 2.01 MANUFACTURERS

The material manufacturer shall have been engaged in the formulation and manufacture of reinforced PVC membranes for use in commercial pools for greater than 10 years.
- 2.02 MATERIALS

All individual components utilized to renovate the project pool shall be completely compatible with the pool environment and shall be supplied by one supplier as a system to assure compatibility and to assure a single source of responsibility. All PVC membrane components shall be from the same manufacturer to assure identical formulations, weld compatibility, and to ascertain identical product molecular weights. Material shall possess an embossed standard slip resistance throughout the pool to provide slip resistance to pool bathes or as required by the owner, and an extra aggressive slip-resistant material on steps, gutters and at zero depth entry areas up to 2' deep.
Material Specifications shall be provided meeting or exceeding the following Physical Properties of the specified system.

RenoSys Endura Series PVC Pool Membrane Typical Material Properties

Description: Polyester reinforced PVC membrane Pool Renovation Membrane System. The PVC membrane is available in two, easy to clean textures. 10-year warranty.

Compound: Maximal UV resistance, chlorine impervious PVC compounded for the pool environment. Product shall be compounded with permanent dyes, permanent plasticizers, UV inhibitors, and antifungal agents.

Reinforcement: Non-wicking Polyester scrim fabric 1000 Denier yarn 9X9 per inch count.
Ref #: #Ripple/8125m60 pool membrane (Endura Series)

Property		Machine Direction Transverse Direction	Test Method	Result
Thickness				60 mil.
Break Strength	@ Yield (lbs in)	MD	ASTM D638	181
	@ Yield (lbs in)	TD		161
	@ Break (lbs in)	MD		117
	@ Break (lbs in)	TD		85
	@ Yield (lbs in)	MD	ASTM D751	418
	@ Yield (lbs in)	TD		328
	@ Break (lbs in)	MD		375
	@ Break (lbs in)	TD		345
Tear Resistance	(lbs)	MD	ASTM D1004	25.0
		TD		26.7
Cold Flex Resistance	1/8" Mandrel		ASTM D2136	Pass -50° C
% Dim. Stability	(1 hr 100 Deg. C)	MD	ASTM D1004	-0.6%
		TD		+0.2%
Specific Gravity			ASTM D752	1.235
Water Resistance	% wt. change		ASTM D570	+0.5%
Puncture Resistance	(lbs)		ASTM D4833	123
Delamination Resistance	(lbs. in)	MD		12.0
UV Resistance	(% retained after exposure)		ASTM D4355	100

Testing Agency: ASTM - American Society for Testing and Materials
Test Method Definitions: MD - Machine Direction; TD - Transverse Direction

- 2.03 SYSTEM COMPONENTS

A.) Pool lining membrane shall be rolls of flexible 81" wide, x 25 meters long x 60 mil thick 100% virgin PVC material fully UV and chlorine stabilized, reinforced with a wick proof scrim. Reinforcing scrim shall consist of a tightly woven polyester 9 x 9 thread spacing per inch, 1,000 denier thread for tear and puncture resistance. To prevent material delamination due to freezing conditions, this scrim shall be offset approximately ¼" from the edge and shall be fully machine edge encapsulated. The scrim shall be kept from contacting the pool water along the machine edge of the material to prevent moisture seeping between the layers. The material colors shall be as selected by the owner. Color of walls and floor shall be either light blue, Caribbean blue or white as selected by the owner. The material shall be applied with the nonskid/textured side out as required by the owner in the floor area and on all gutter and step areas to provide slip resistance. All welds shall be accomplished employing hot air welding. No solvent welding of PVC materials shall be allowed on this project. No double stick Mylar or other tapes are permitted under the liner on this project. Seams shall be tacked, a continuous air entrapment weld shall be applied continuous on all welds, and then a minimum 3/4" wide final weld shall be installed. No burning of the material shall be permitted.
B.) Racing lanes, targets and marking strips shall be provided by the supplier and colored black on the textured side and blue or white on the reverse side to prevent black bleeding along the weld zone. All markings shall be as per local pool code requirements.
C.) An anti microbial product fully compatible with the PVC membrane shall be sprayed or rolled on under the felt material to discourage microbial growth under the system.
D.) Adhesives that are not weakened when exposed to water immersion and that are fully compatible and suitable for bonding to the PVC material and the felt layer shall be provided that are designed to chemically bond to the PVC material and to fully attach the Geotextile fabric to the pool walls (and floor where required). NOTE: ALL WALLS AND DIVE HOPPER AND THREE FOOT OF PERIMETER SHALL BE ADHERED OVER POLY FELT. All poly felt is to be bonded to the pool. Additionally all PVC material employed on all pool walls and in dive hoppers shall be fully adhered as a condition of these specifications. Any adhesives that are water-soluble shall not be allowed under the scope of these bid documents to prevent the Geotextile fabric from shifting under the membrane. PVC adhesive shall be further designed to be resistant to Plasticizer migration. Adhesive on project shall be water impermeable RenoBond or Nordot 34 only. It is the intention of the owner to have the contractor provide a project where the PVC is fully adhered to the felt on all walls and in the dive hopper area as well as around the pool floor perimeter. No tacking of the PVC wall and floor sections to PVC metal strips is intended under this base bid specification. Alternate non-adhered systems may only be bid as a deductive alternate to the base bid.
E.) An under layer of 10.5 oz felt shall be installed fully adhered with the appropriate adhesive throughout the entire pool.
F.) PVC coated Stainless Steel or aluminum metal shall be installed where detailed or as required to make for a satisfactory installation. Galvanized PVC coated steel shall not be acceptable for use on this project.
G.) Trim away poly felt and compress liner around perimeter as detailed in the accompanying installation details.
H.) Flanges at all penetrations shall be constructed of Type I Exterior grade Hard PVC Sheet and CNC custom fabricated, radius, and drilled as required for use at all membrane penetrations. Flanges will be custom fabricated to fit as close to existing pool fittings as is practical and possible based on substrate conditions around penetrations. All bolts used to fasten any compression bar shall be countersunk to allow for a flush installation. All metal fasteners employed shall be of 18-8 stainless steel.
I.) 4" to 6" wide plastic or stainless steel 25 gauge plate shall be installed over all active expansion joints and working cracks. Galvanized steel shall not be acceptable.
J.) Caulking shall be installed where required by installation details, and shall be Novagard underwater grade caulk or prior approved equal. Caulking shall only be used at pool penetrations and terminations and shall not be employed for joining seams.
K.) Membrane supplier shall provide complete care instructions, PVC underwater patch kit, warranty certificate and scrap patch material as might be required. Owner's agent is also to be trained in the proper method of repairing the membrane underwater as a part of this installation.

PART III EXECUTION

- 3.01 EXAMINATION

Installation crew shall inspect the pool surface at the beginning of the project and shall advise owner as soon as practicable of any existing conditions which might affect the satisfactory installation of the pool membrane lining product.
- 3.02 PREPARATION

The pool shall be prepared for the installation of the membrane in accordance with the supplier's technical data and these specifications.
- 3.03 INSTALLATION AND APPLICATIONS

A.) Installation shall be performed by installers certified competent by the supplier whose experience is fully in compliance with the terms of these specifications. The PVC membrane installation shall be completely supported by the structural walls in all respects. The material shall be completely supported by structural walls at all corners and wall/floor junctures before the pool is filled. Due to the inordinate stress induced at seams, and fittings by water pressure stretch fitting- in no case shall gaps, voids or spaces be allowed behind the membrane before water is added.
B.) The installation procedures employed in the execution of this project are to be fully in accordance with the supplier recommendations and current Technical Data. If any terms or conditions of this contract contradict recommended procedures of the manufacturer or supplier, work will be performed in accordance with manufacturers and supplier requirements however written notice of any variances from these specifications must be provided to the project architect in advance of any actual work performed in the field.
C.) Work is to be performed as follows:
a.) Prepare pool surface as per specifications and suppliers recommendations.
b.) Span any cracks or voids with Stainless Steel sheet 25 ga. or 1/16th inch hard plastic plate and pin in place with appropriate fasteners.
c.) Apply sanitizing agent.
d.) Apply adhesive to pool walls and floors where required and attach 10.5 oz poly felt to all walls and floor. Trim away excess at compression fittings.
e.) Apply poly felt material throughout pool with water insoluble adhesives.
f.) Install non corrosive coated PVC Steel where required.
g.) Apply PVC membrane to pool as detailed in the plans and overlap weld (allowing a 2" overlap) with a minimum 3/4" wide final weld. All hand welding is to be performed with a Leister hot air welder. No Solvent welding, glue welding or THF Swell agent welding is permitted on this project. No voids at wall/floor junctures shall be permitted in this installation. No double stick tapes are permitted.
h.) Provide PVC markings, targets, racing lanes, logo etc. as required and directed by plans and code. End Targets shall be fully bonded to the wall.
i.) Attach Compression flanges and gaskets as shown on the drawings or in accordance with supplier's recommendations. Bolt spacing shall not be greater than 3" O.C. All fastener heads shall be countersunk.
j.) Prime and caulk the perimeter termination and wherever else required to make for a suitable and proper watertight fitting.
k.) Inspect all seams in the pool with a roofing probe to ascertain that there are no false welds, pinholes or missed areas. Seal all seam edges with edge sealant if required in installation bulletins.
l.) Broom clean pool and surrounding deck area. Remove any marks or dirty spots. Remove all trash and debris to the owners dumpster.
m.) Provide a service and care session of approximately one hour with the owners designated agent.
Provide patch kit, care instructions in a written format, plus approximately 100 square feet of color matched scrap patch material.



Architecture • Civil Engineering • Landscape Architecture

2601 South Bayshore Drive
Suite 1000
Miami, Florida 33133
(305) 859-2050
Fax (305) 860-3700

PREPARED FOR/OWNER:



THE CITY OF PEMBROKE PINES
601 CITY CENTER WAY
PEMBROKE PINES, FL 33025
(954) 450-1060

PROJECT NAME:

CHARTER HIGH
SCHOOL SWIMMING
POOL REPAIRS

PROJECT LOCATION/ADDRESS:

PEMBROKE PINES
CHARTER HIGH SCHOOL
17198 SHERIDAN STREET
PEMBROKE PINES, FL 33028

SUB-CONSULTANT INFORMATION:



DESIGN GROUP, INC.
AQUATIC ENGINEERING CONSULTANTS
WATER PARK & FAMILY AQUATIC CENTER DESIGN /
RESORT, HOTEL & CONDOMINIUM POOL DESIGN
FORENSICS, EVALUATIONS & ANALYSIS / DOH VIOLATIONS,
VARIANCES, PERMITTING / CUSTOM RESIDENTIAL DESIGN
5000 SW 75th AVENUE, SUITE 103, MIAMI, FLORIDA 33155
PHONE: (305) 667-8875 FAX: (305) 662-1102 EB 4894
E-MAIL: info@aquadynamics.biz
WEB SITE: www.aquadynamics.biz

NOTICE TO BUILDER:

TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED ON THESE DRAWINGS CONFORMS TO THE STANDARDS SET IN THE FLORIDA BUILDING CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, AND FIELD CONDITIONS PRIOR TO THE START OF THE WORK, AND NOTIFYING THE ENGINEER, AT ONCE, OF ANY AND ALL ERRORS, DISCREPANCIES, IRREGULARITIES, OR OMISSIONS PERTAINING TO THE SUCCESSFUL COMPLETION OF THE PROJECT INDICATED.

PROFESSIONAL SEAL:

OFELIA TABOADA, P.E.
PROFESSIONAL REG. No. 55339
CIVIL ENGINEER

SUBMITTAL DESCRIPTION / MILESTONE:

PROGRESS REVIEW
FEBRUARY 19, 2019

REVISIONS:

DRAWING SHEET INFORMATION

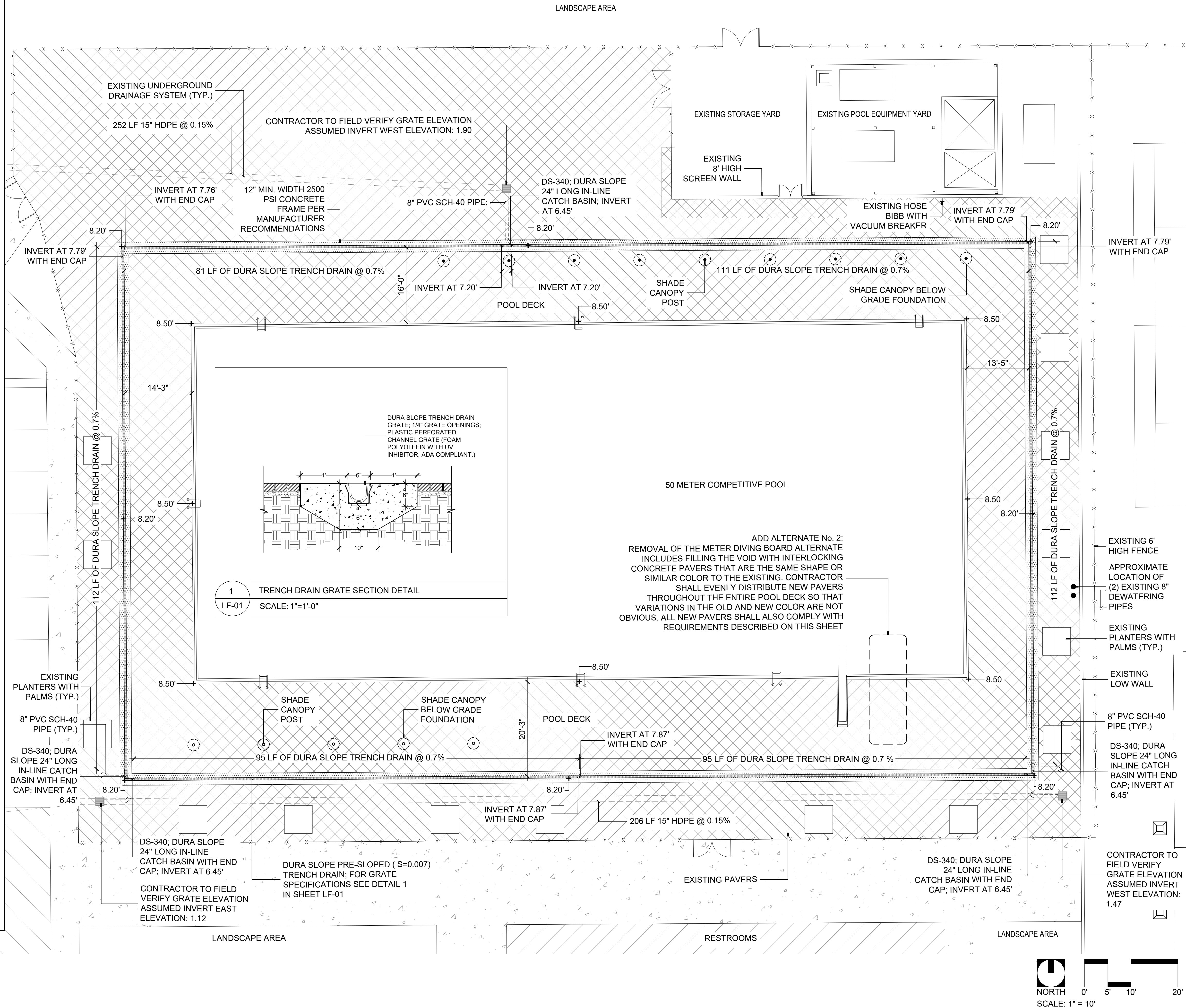
BA PROJECT NO.: 19008
SCALE: AS NOTED
DRAWN BY: MF
CHECKED BY: OT/JW

DRAWING TITLE:

RENOSYS LINER
SPECIFICATIONS

SHEET NO.

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, SPOT GRADES AND/OR FIELD CONDITIONS PRIOR TO THE START OF WORK.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AND CLEARLY UNDERSTAND ANY AND ALL UNDERGROUND PIPING AND TO NOTIFY THE CITY AND LANDSCAPE ARCHITECT OF ANY CONFLICTS BETWEEN THE EXISTING FACILITIES AND THE PROPOSED TRENCH DRAINAGE SYSTEM.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PREPARE A SURVEY OF THE EXISTING CONDITIONS AS NECESSARY, FOR ANY REASON, TO PERMIT OR BUILD ANY COMPONENT (POOL REPAIRS, DRAINAGE OR POOL DECK) OF THE PROPOSED IMPROVEMENTS.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING DETAILED ENGINEERING DRAWINGS TO THE CITY AND LANDSCAPE ARCHITECT FOR REVIEW, CONSIDERATION AND APPROVAL. THESE DRAWINGS SHALL INCLUDE ANY AND ALL COMPONENTS NECESSARY FOR A COMPLETE, SECURE AND DURABLE POOL DECK AND ALL THE COMPONENTS NECESSARY FOR A COMPLETE COMMERCIAL, FUNCTIONAL AND SUSTAINABLE DRAINAGE SYSTEM THAT MEETS THE NEEDS OF THE CITY, AND IS COMPLIANT WITH APPLICABLE LOCAL, STATE AND FEDERAL CODES, RULES, REGULATIONS, GUIDELINES OR STANDARDS.
5. TRENCH DRAIN SYSTEM SHALL BE DURA SLOPE OR APPROVED EQUAL, UNLESS NOTED OTHERWISE, ALL EXISTING FACILITIES AND COMPONENTS SHALL BE PRESERVED AND MAINTAINED. IF DAMAGE OR IMPACTS HAPPEN DURING CONSTRUCTION, THE FACILITIES AND COMPONENTS SHALL BE RESTORED TO THE CITY'S SATISFACTION.
6. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPLACE ANY KIND OF EXISTING FENCING THAT IS IMPACTED IN ANY WAY, INTENTIONALLY OR BY ACCIDENT, FOR ANY REASON, SUCH AS FOR ACCESS OR LOGISTICS, DECKING RESTORATION, DEMOLITION OR POOL REPAIRS. THIS SHALL INCLUDE FENCING FOUNDATION AND FENCING FOUNDATION DESIGN.
7. EXISTING PALMS SHALL BE PRESERVED AND PROTECTED THROUGHOUT CONSTRUCTION; THIS SHALL INCLUDE PROVIDING SUFFICIENT WATER FOR VIGOROUS GROWTH. IF ANY PLANT DAMAGE OCCURS, WHILE THE POOL IS UNDER THE CONTRACTOR'S CONTROL, TO ANY PART OF THE PLANT, (FRONDS, TRUNK OR ROOT SYSTEM), THE CONTRACTOR SHALL REPLACE IT WITH THE SAME SPECIES AND SIZE AS THE AFFECTED PLANT. THE CONTRACTOR IS ADVISED TO RETAIN THE SERVICES AND EXPERTISE OF AN ARBORIST TO ADVISE ON THE CONTINUED HEALTH AND VIGOROUS GROWTH OF THE EXISTING PLANT MATERIAL.
8. THE CONTRACTOR SHALL REMOVE THE EXISTING TRENCH DRAIN ENTIRELY INCLUDING ANY UNDERGROUND FACILITIES AND/OR CONNECTIONS TO IT.
9. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO RECONSTRUCT AND REPAIR THE PAVES POOL DECK SO THAT ANY WATER THAT SPLASHES ON IT OR RAIN THAT FALLS UPON IT SHALL DRAIN TO THE PROPOSED TRENCH DRAIN OR THE EXISTING INLETS.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A FLAT, CONSISTENT POOL DECK THAT SHALL DRAIN AT 2% MAXIMUM SLOPE FROM THE EDGE OF THE POOL TO THE DEPICTED TRENCH DRAINS. ALL OTHER AREAS SHALL BE FLAT (NOT LEVEL) AND CONSISTENT AND ALSO DRAIN TO THE DEPICTED TRENCH DRAINS. THIS SHALL INCLUDE, REMOVING, STORING AND REPLACING PAVERS AS IS REQUIRED TO CORRECT AREAS THAT HAVE SETTLED/WHERE LOW POINTS CURRENTLY EXIST, DEMOLITION NECESSARY FOR ANY AND ALL POOL REPAIRS DETAILED OR DESCRIBED IN THE AQUATIC ENGINEERING DRAWINGS; SAW CUTTING AND REPLACING PAVERS NECESSARY FOR INSTALLATION OF THE DEPICTED TRENCH DRAIN AND CONCRETE COLLAR/FRAE SUBGRADE AND BASE PREPARATION WITH COMPACTION RATES NOT LESS THAN 95% DENSITY PER AASHTO T-180.
11. FOR REMOVAL AND REPLACEMENT OF THE CONCRETE EDGE/BAD SURROUNDING POOL SHALL BE PER THE AQUATIC ENGINEERING DRAWINGS.
12. PAVERS SHALL BE INSTALLED PER TYPICAL MANUFACTURERS SUCH AS TREMIRON, TECTURA/WAUSAU, OLDCASTLE/BELGARD, WITH TIGHT CONSISTENT SPACING.
13. AFTER ALL CONSTRUCTION ACTIVITIES ARE COMPLETED AND HAVE BEEN APPROVED BY THE CITY AND ANY AND ALL APPLICABLE REGULATORY AGENCIES, THE CONTRACTOR SHALL CLEAN THE PAVERS WITH COBBLE CLEAN, OR APPROVED EQUAL, TO DISSOLVE ANY OIL, TAR, CHEWING GUM OR OTHER STAINS; PRESSURE WASH THE INSTALLED PAVERS, FILL ALL PAVES JOINTS WITH POYMORPHIC SAND AND SEAL WITH COBBLE LOC, OR APPROVED EQUAL, PREMIUM GRADE SEALER TO PROVIDE A MATTE FINISH (CITY AND LANDSCAPE ARCHITECT TO APPROVE FINISH).
14. CONNECT TO EXISTING STRUCTURE PER STANDARD TYPICAL DRILLING PRACTICES; PROVIDE METHOD TO CITY AND LANDSCAPE ARCHITECT FOR APPROVAL.
15. IF PENETRATION OF THE EXISTING CATCH BASIN STRUCTURE IS NOT POSSIBLE, REPLACE STRUCTURE TO ACCOMMODATE EXISTING 15" HDPE PIPE AND THE PROPOSED 8" PIPE. CHANGES TO EXISTING DRAINAGE PIPE SLOPES OR INVERTS IS PROHIBITED.
16. CONTRACTOR TO PROVIDE A MINIMUM 1' SEPARATION BETWEEN EXISTING 15" HDPE PIPE AND PROPOSED 8" PIPE.
17. DRAINAGE AS-BUILTS COMPLETED IN THE YEAR 2000 ARE PROVIDED FOR REFERENCE.



KIRK J. OLNEY
FLORIDA REGISTERED LANDSCAPE
LA0001705

SUBMITTAL DESCRIPTION / MILESTONE:

BIDDING
APRIL 12, 2019

REVISIONS:

DRAWING SHEET INFORMATION	
BA PROJECT NO.:	19008
SCALE:	AS SHOWN
DRAWN BY:	MFM
CHECKED BY:	KJO

DRAWING TITLE:

POOL DECK AND
DRAINAGE
SPECIFICATIONS

SHEET NO.

LF-01

PREPARED FOR/OWNER:



THE CITY OF PEMBROKE PINES
601 CITY CENTER WAY
PEMBROKE PINES, FL 33025
(954) 450-1060

PROJECT NAME:

ACADEMIC VILLAGE
SWIMMING POOL
RENOVATIONS

PROJECT LOCATION/ADDRESS:

PEMBROKE PINES
CHARTER HIGH SCHOOL
17198 SHERIDAN STREET
PEMBROKE PINES, FL 33028

SUB-CONSULTANT INFORMATION:

NOTICE TO BUILDER:

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PROFESSIONAL SEAL:

KIRK J. OLNEY
FLORIDA REGISTERED LANDSCAPE
LA0001705

SUBMITTAL DESCRIPTION / MILESTONE:

BIDDING
APRIL 12, 2019

REVISIONS:

DRAWING SHEET INFORMATION

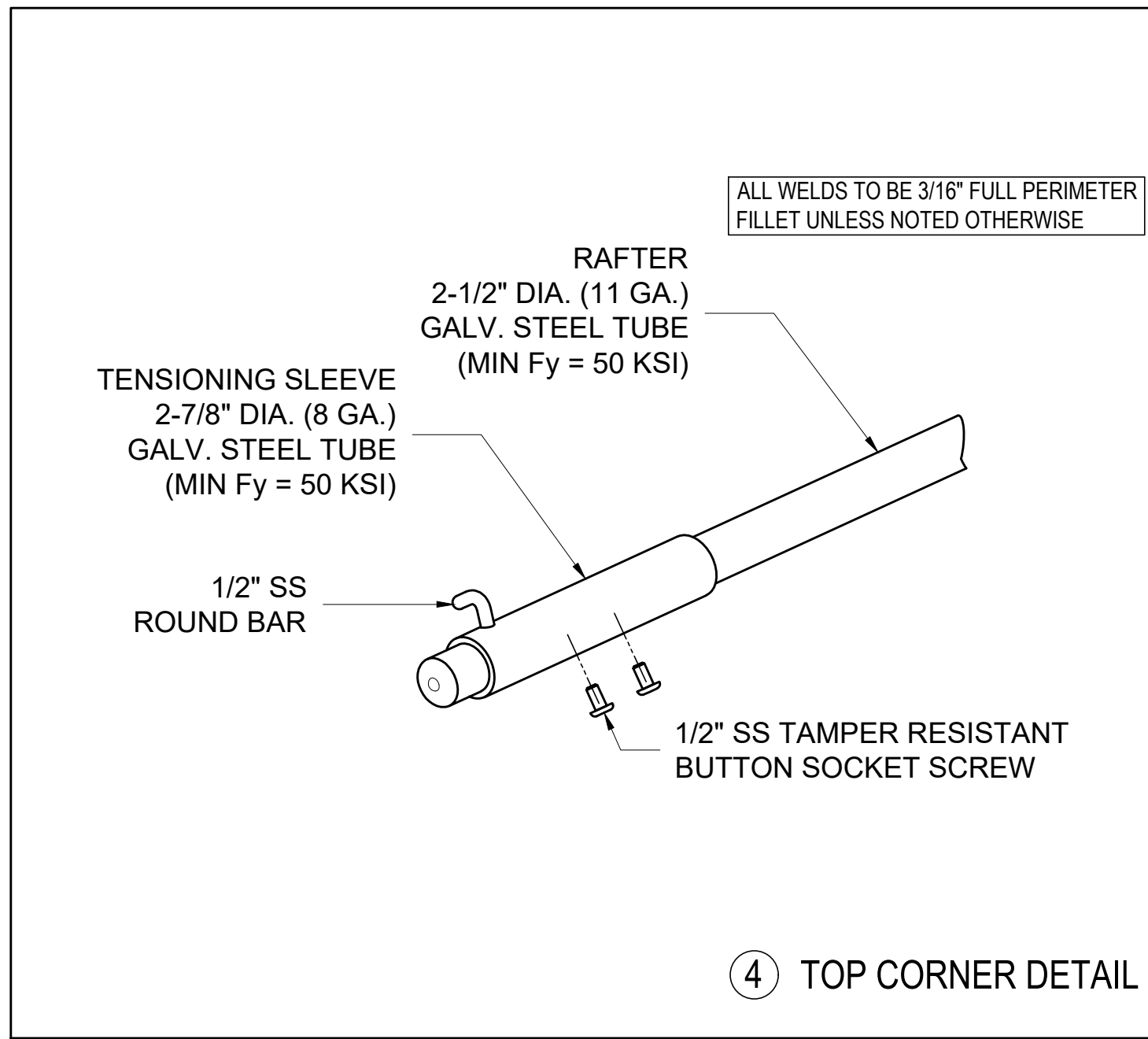
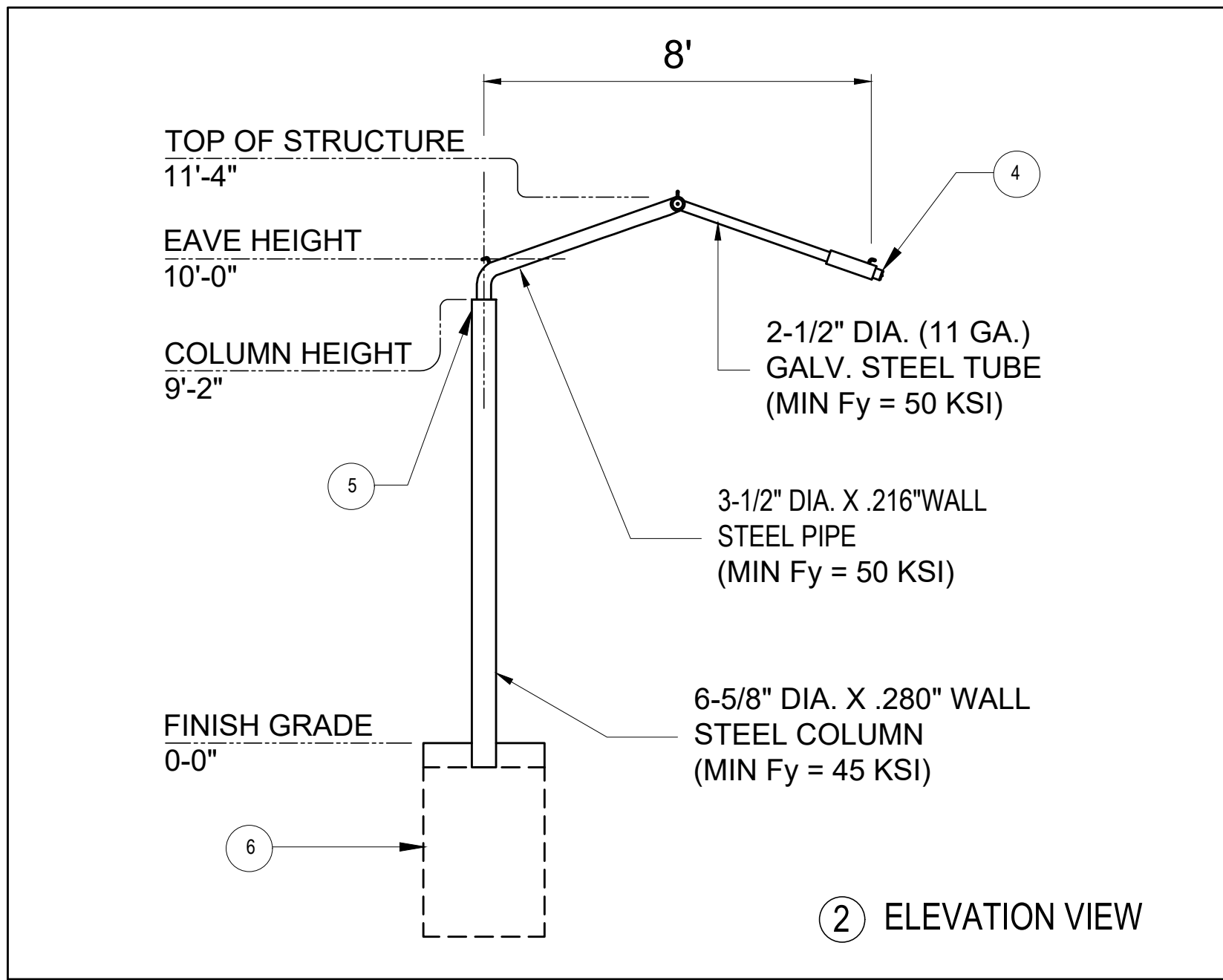
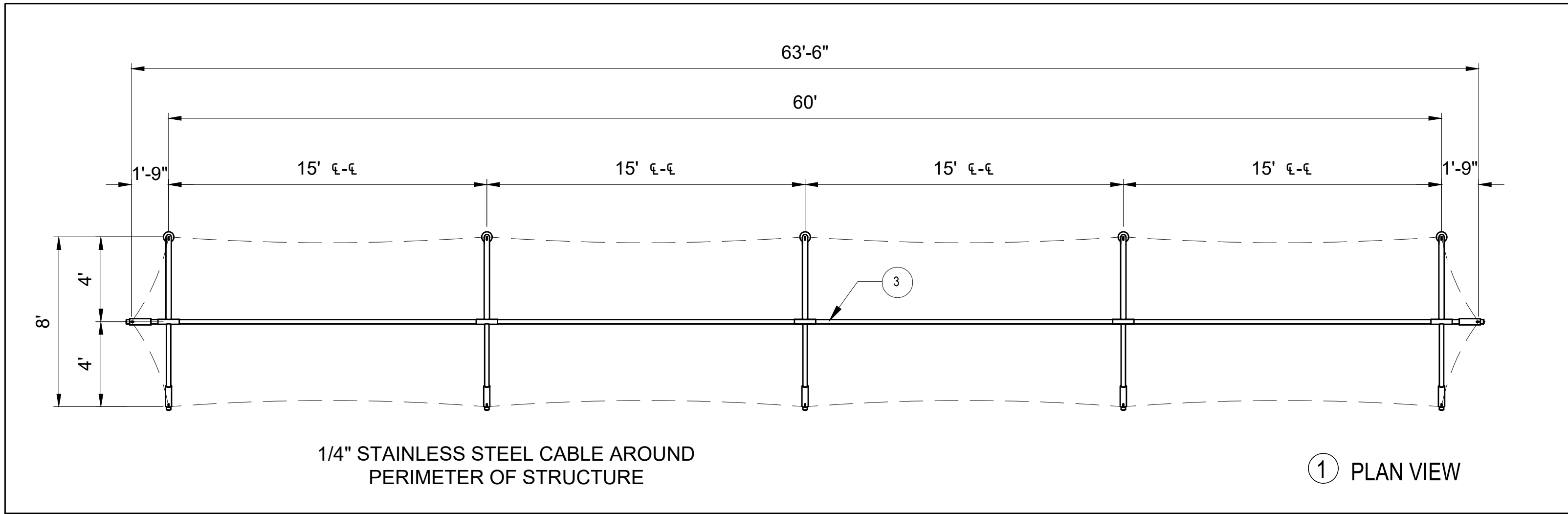
BA PROJECT NO.: 19008
SCALE: N/A
DRAWN BY: MFM
CHECKED BY: KJO

DRAWING TITLE:

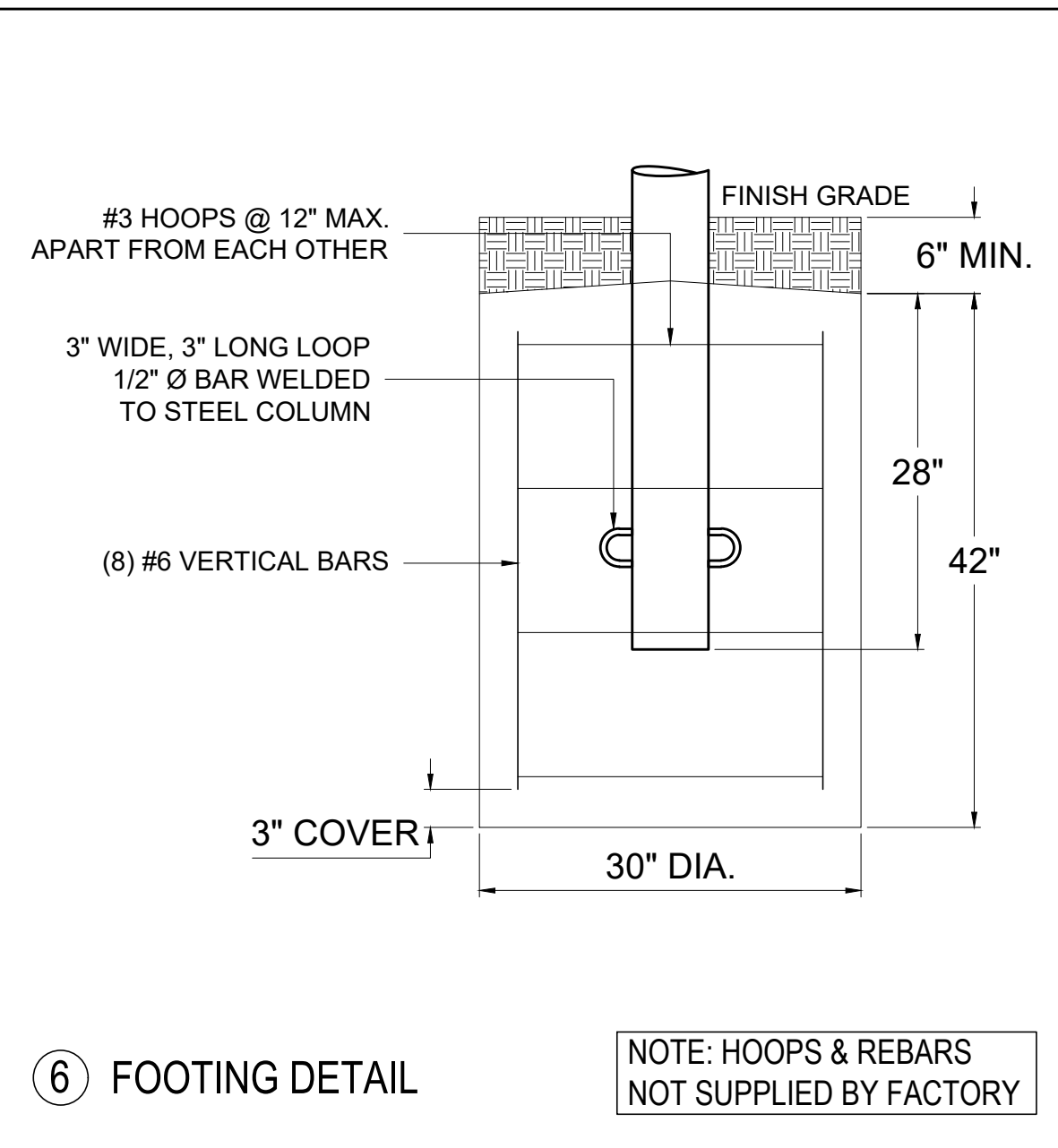
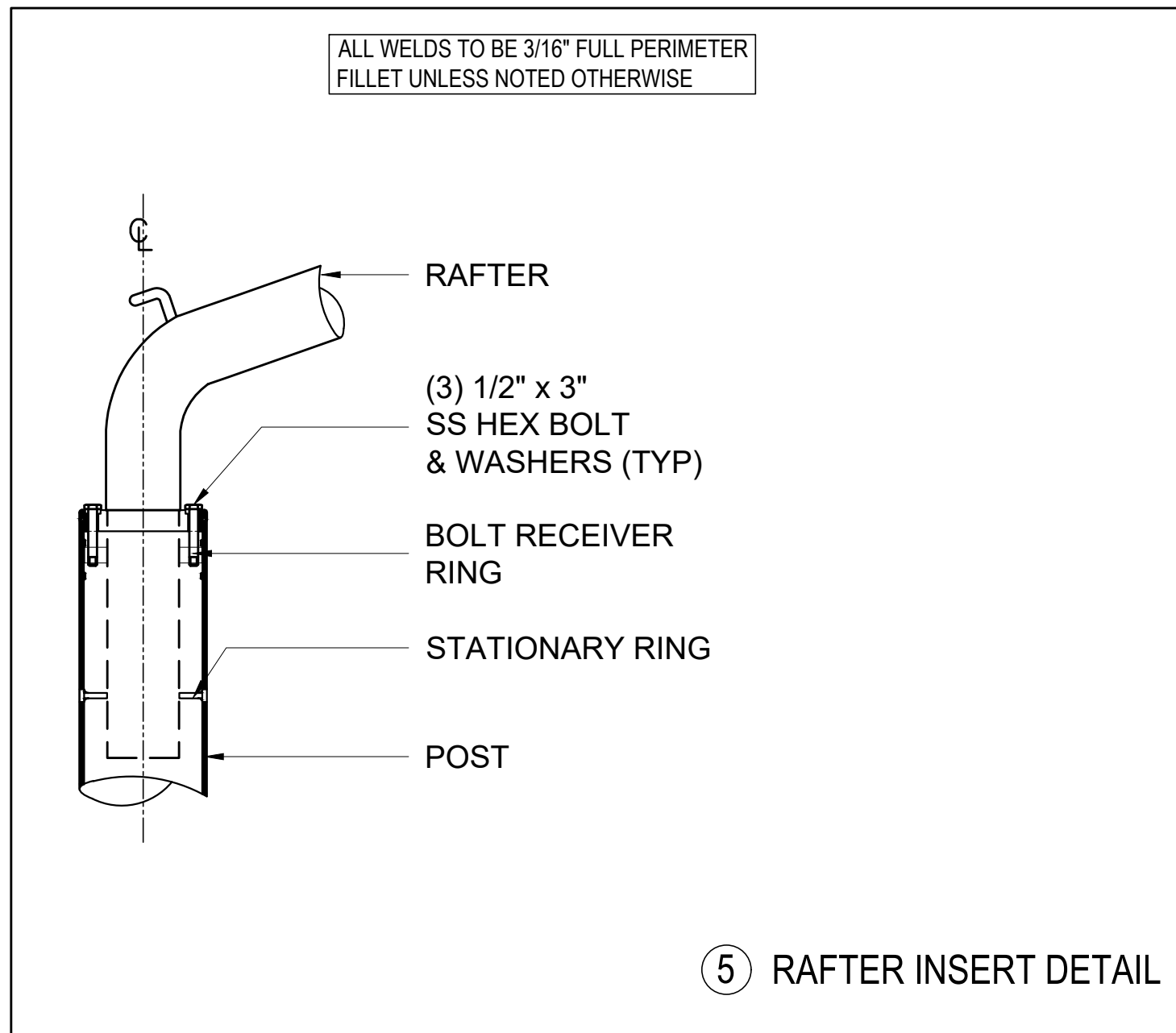
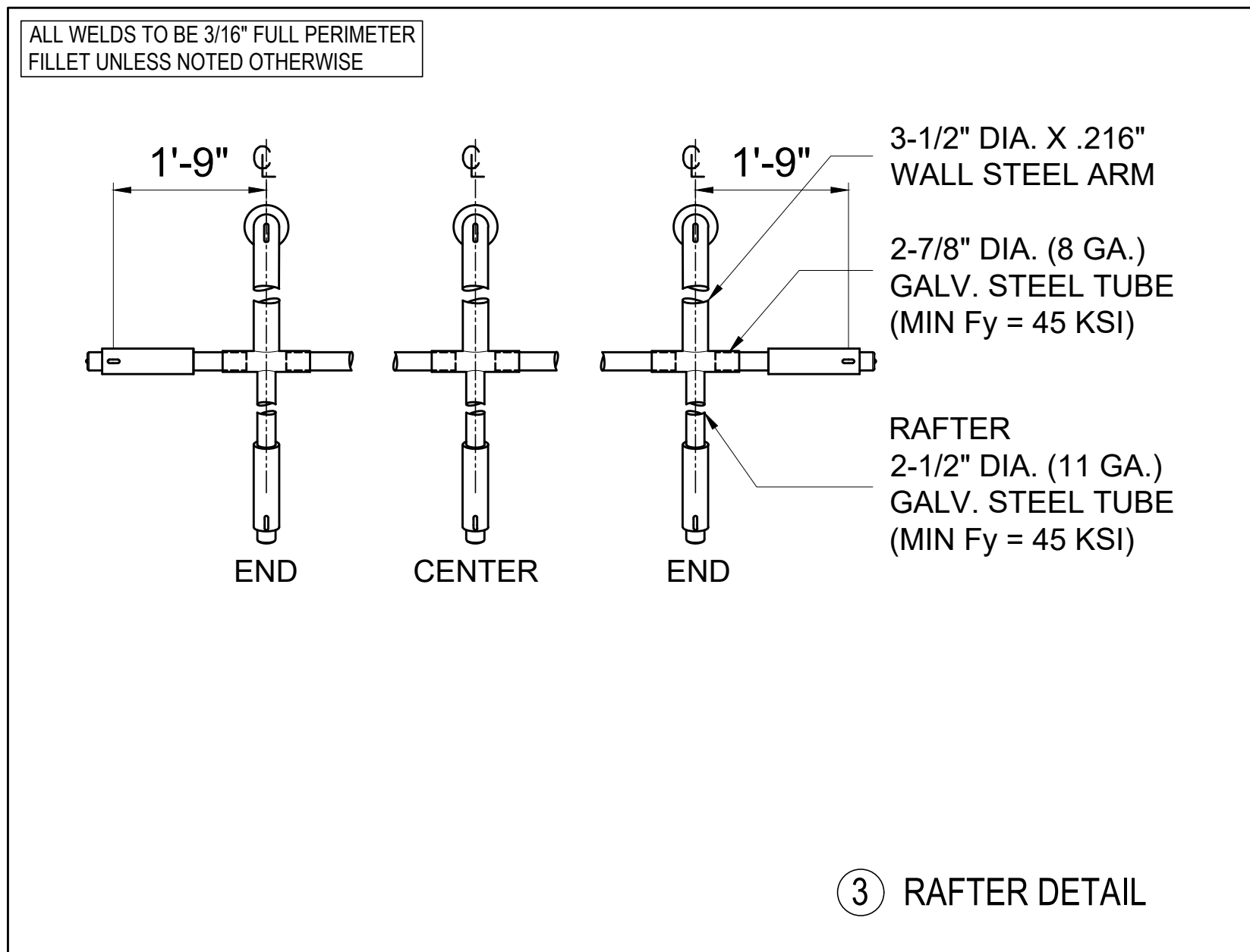
SHADE CANOPY
COACHES
ADD ALTERNATIVE
DETAILS

SHEET NO.

LM-02



Model Name:
SHADE WALK
SHADE SYSTEM STRUCTURE
Model No.:
SW086010



	STRUCTURE WITH FABRIC CANOPY REMOVED
RISK CATEGORY	I
EXPOSURE	C
BASIC WIND SPEED	165 MPH

GENERAL NOTES

1- THE SHADE SYSTEMS, INC.™ STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2017 FLORIDA BUILDING CODE 6TH EDITION AND ASCE 7-10 TO THE FOLLOWING DESIGN CRITERIA:

2- THE FOUNDATION ASSUMES A MINIMUM SOIL BEARING CAPACITY OF 1700 PSF.

3- ALL FASTENERS SHALL BE STAINLESS STEEL.

4- THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 3105.4 OF THE FLORIDA BUILDING GOVERNING THE DESIGN OF FABRIC-COVERED FRAMES. THIS SECTION REQUIRES THAT THE FRAMING MEMBERS BE DESIGNED FOR A WIND VELOCITY OF NOT LESS THAN 105 MPH WITH THE FABRIC ATTACHED. THIS FABRIC SYSTEM IS DESIGNED TO RELEASE WHEN WIND SPEED EXCEEDS 90 MPH.

STEEL:

1- STEEL PIPES SHALL HAVE A MINIMUM YIELD STRENGTH OF 45 KSI. STEEL PLATES SHALL CONFORM TO ASTM A36

2- ALL PARTS SHALL BE FACTORY-WELDED TO AMERICAN WELDING SOCIETY (AWS) SPECIFICATIONS AND SHALL UTILIZE E70-S6 AND HAVE THE HIGHEST STANDARDS OF QUALITY WORKMANSHIP.

3- ALL WELDS SHALL BE FILLET WELDS WITH MAXIMUM PERMISSABLE THROAT THICKNESS OR FULL PENETRATION GROOVE WELDS.

CONCRETE:

1- ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 AND 318.

2- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'c) OF 3000 PSI. A CONCRETE MIX HAVING A LISTED STRENGTH OF AT LEAST 3000 PSI THAT IS MIXED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS IS ACCEPTABLE FOR USE.

3- REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 WITH A MINIMUM YIELD STRENGTH (fy) OF 60 KSI.

4- UNLESS OTHERWISE SHOWN, CONCRETE COVER SHALL BE 3" (MIN).

FABRIC:

1- KNITTED HDPE FABRIC HAS A SIEVE FACTOR OF 64%

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NOTE:
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NOTE TO OWNER:
OWNER ACCEPTS FULL RESPONSIBILITY FOR REMOVING THE FABRIC SHADE MATERIAL FROM THE STEEL FRAME WHEN SEVERE WEATHER CONDITIONS ARE PREDICTED. SUCH CONDITIONS INCLUDE PREDICTED WIND SPEEDS IN EXCESS OF 90 MPH.

PREPARED FOR/OWNER:



THE CITY OF PEMBROKE PINES
601 CITY CENTER WAY
PEMBROKE PINES, FL 33025
(954) 450-1060

PROJECT NAME:

**ACADEMIC VILLAGE
SWIMMING POOL
RENOVATIONS**

PROJECT LOCATION/ADDRESS:

PEMBROKE PINES
CHARTER HIGH SCHOOL
17198 SHERIDAN STREET
PEMBROKE PINES, FL 33028

SUB-CONSULTANT INFORMATION:

NOTICE TO BUILDER:

TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE INFORMATION CONTAINED ON THESE DRAWINGS CONFORMS TO THE STANDARDS SET IN THE FLORIDA BUILDING CODE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS, AND FIELD CONDITIONS PRIOR TO THE START OF THE WORK, AND NOTIFYING THE ENGINEER, AT ONCE, OF ANY AND ALL ERRORS, DISCREPANCIES, IRREGULARITIES, OR OMISSIONS PERTAINING TO THE SUCCESSFUL COMPLETION OF THE PROJECT INDICATED.

PROFESSIONAL SEAL:

KIRK J. OLNEY
FLORIDA REGISTERED LANDSCAPE
LA0001705

SUBMITTAL DESCRIPTION / MILESTONE:

**BIDDING
APRIL 12, 2019**

REVISIONS:

DRAWING SHEET INFORMATION

BA PROJECT NO.: 19008

SCALE: N/A

DRAWN BY: MFM

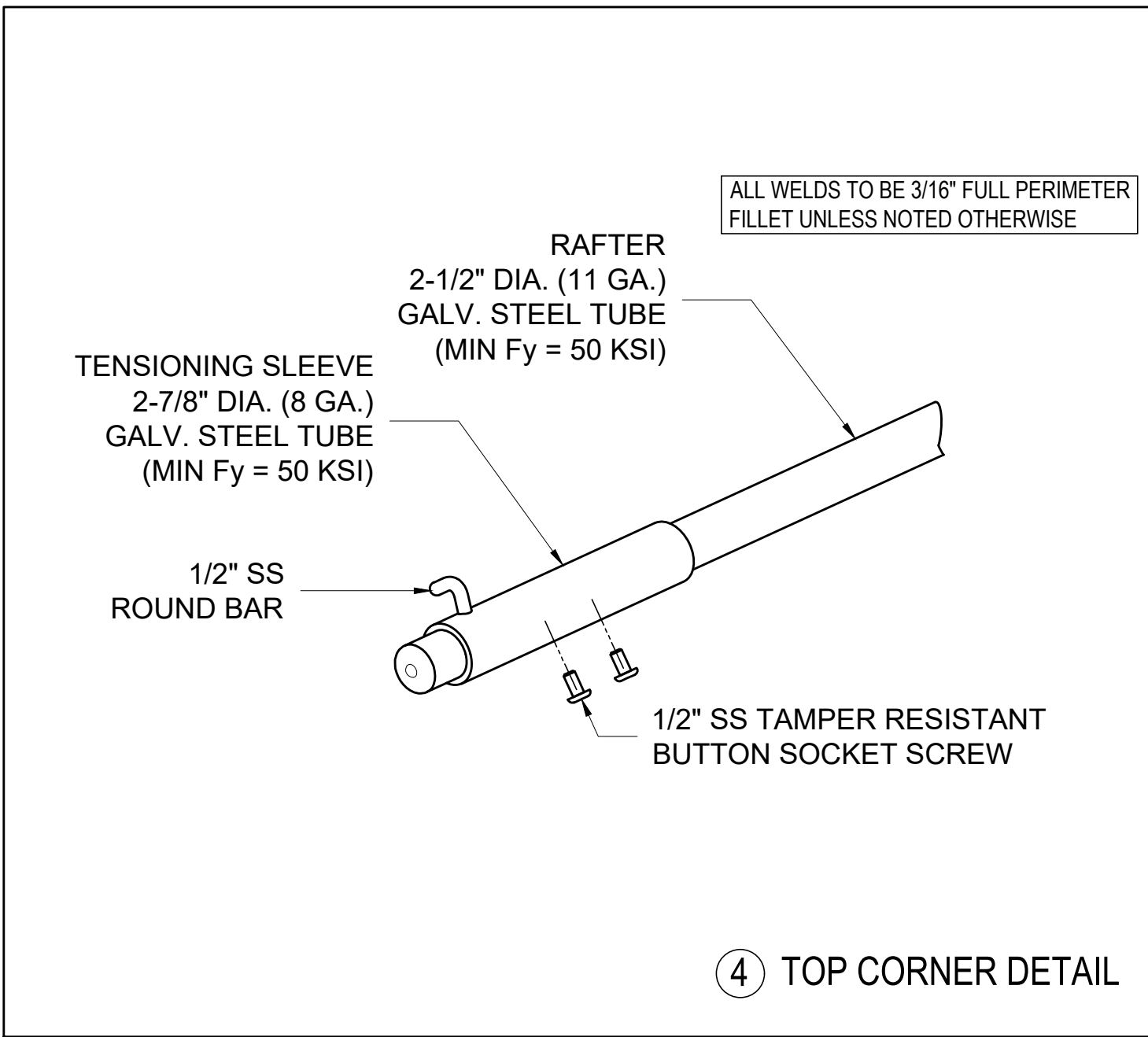
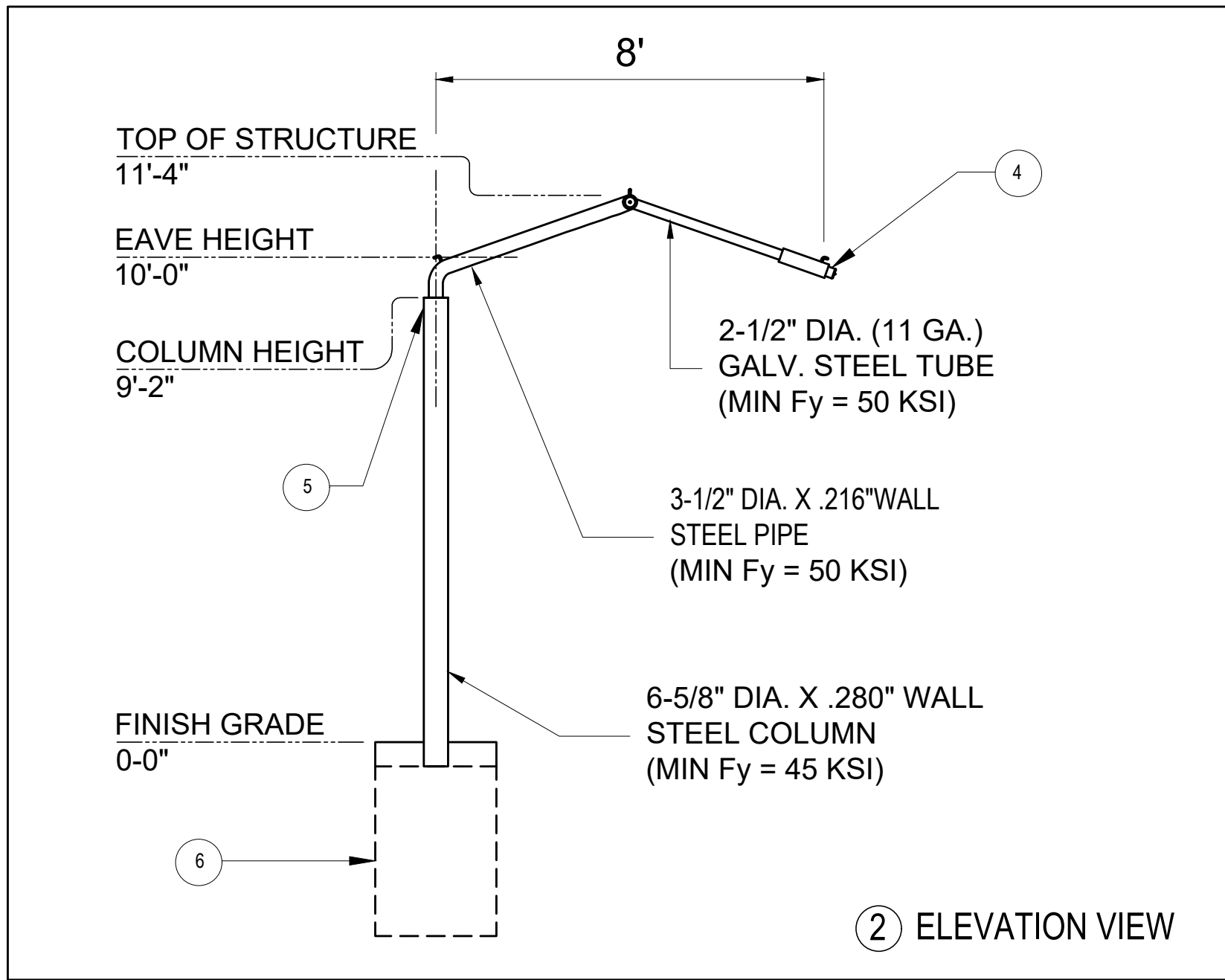
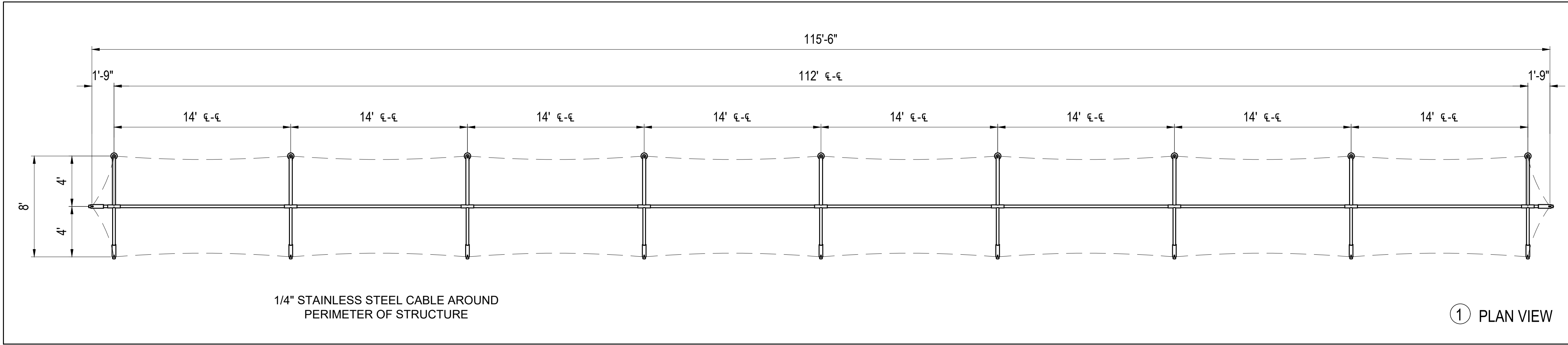
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DRAWING TITLE:

SHADE CANOPY
SWIMMERS
ADD ALTERNATIVE
DETAILS

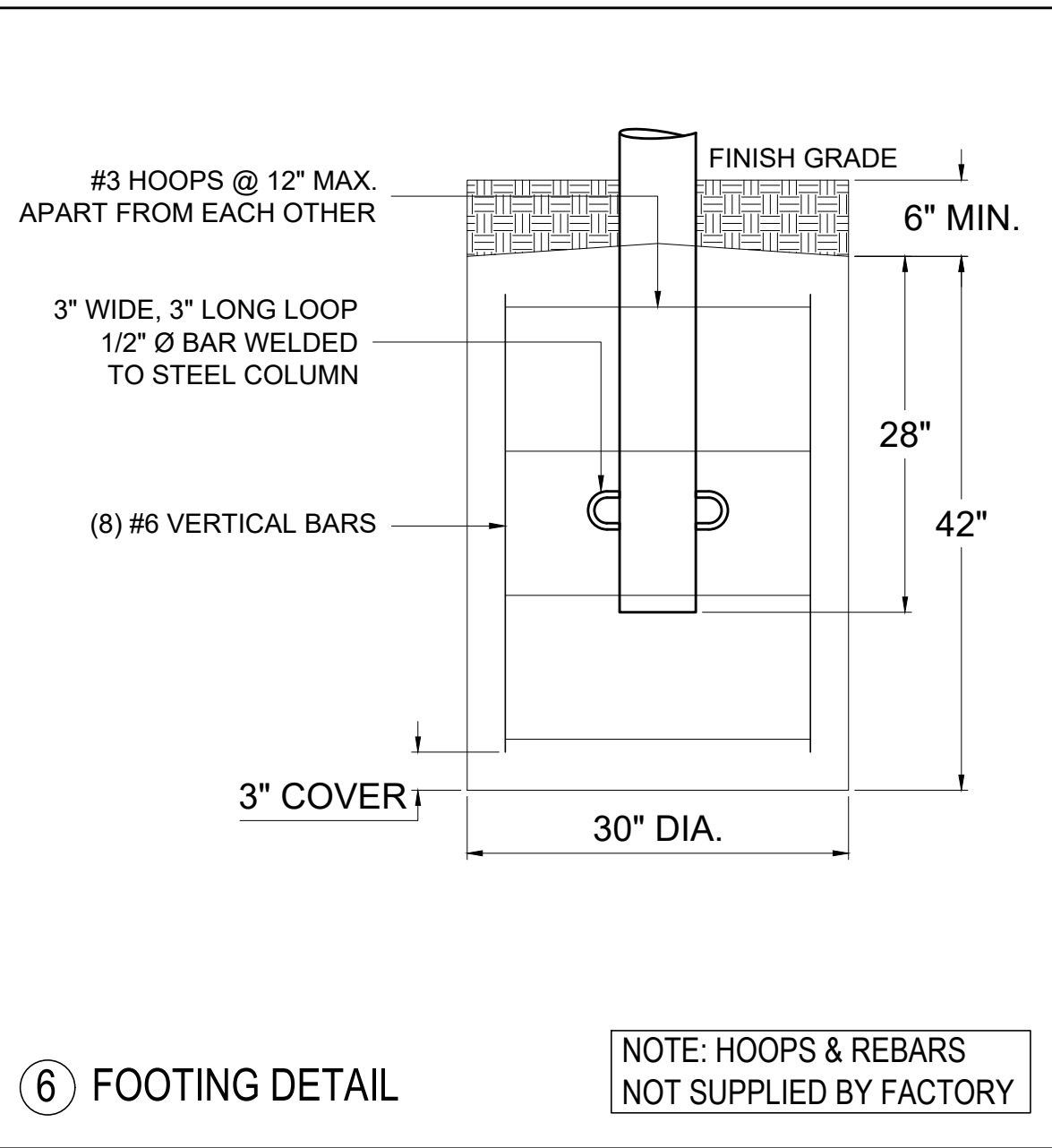
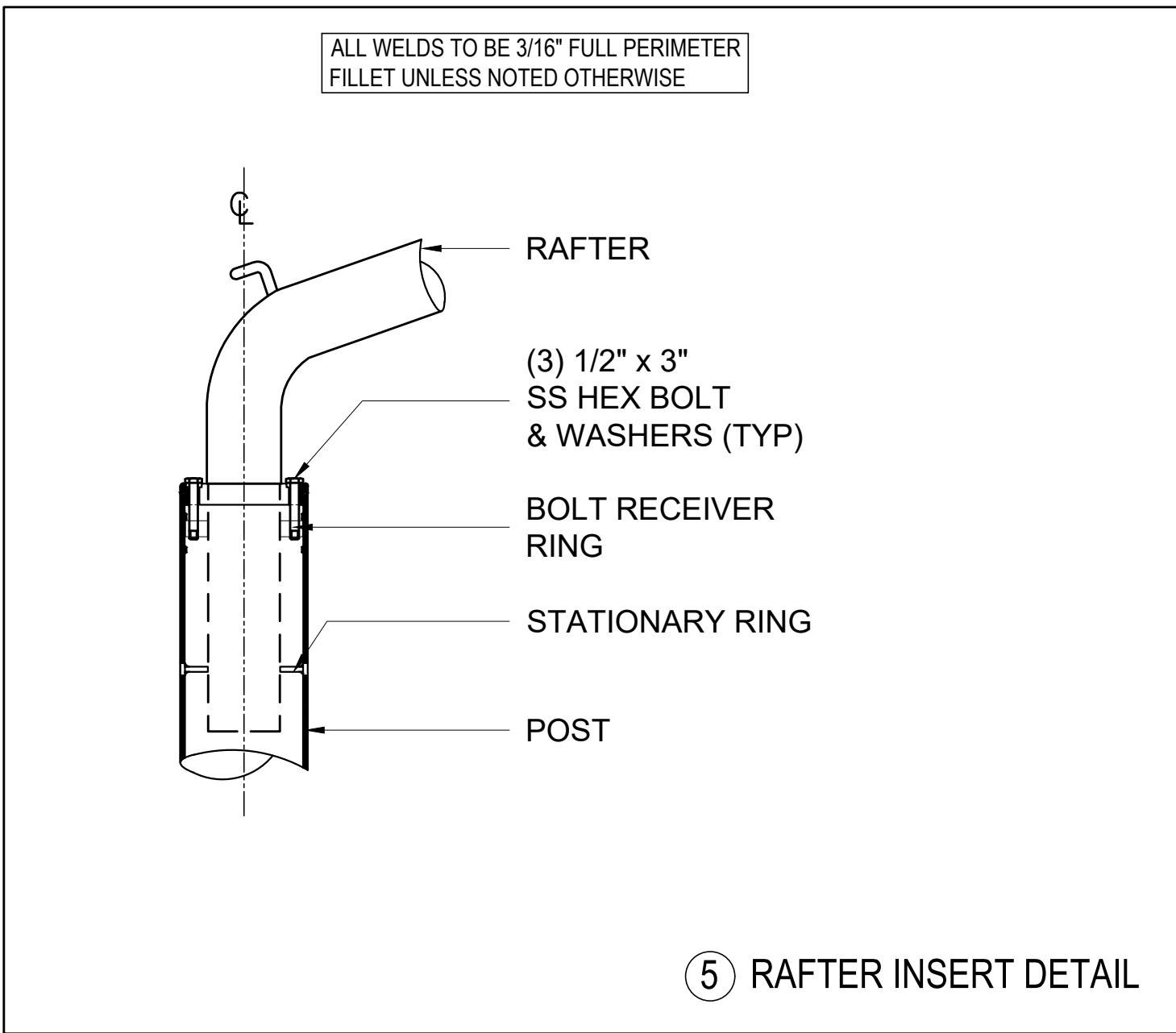
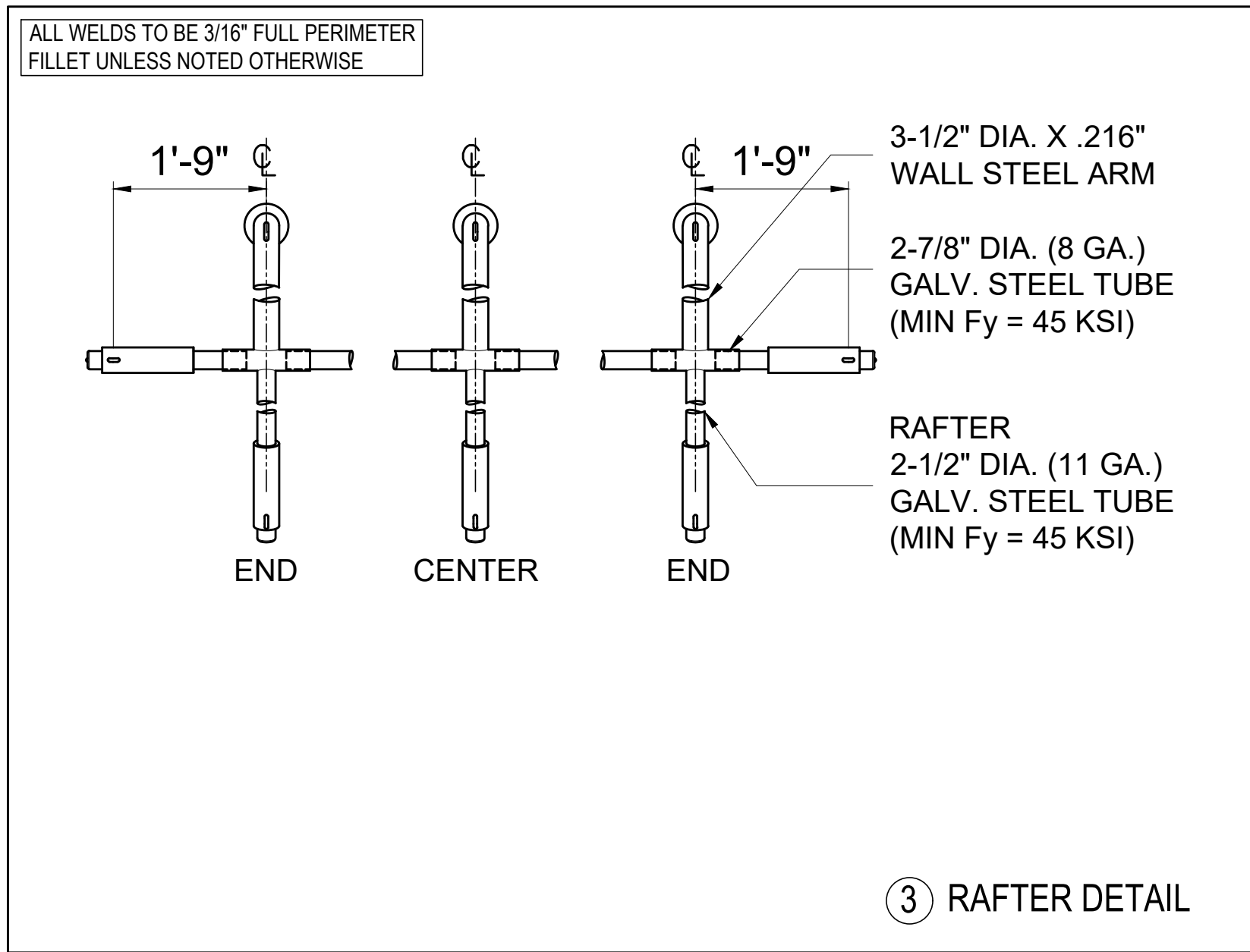
SHEET NO.

LM-03



Model Name:
SHADE WALK
SHADE SYSTEM STRUCTURE

Model No.:
SW0811210



	STRUCTURE WITH FABRIC CANOPY REMOVED
RISK CATEGORY	I
EXPOSURE	C
BASIC WIND SPEED	165 MPH

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SECTION 221423 - STORM DRAINAGE PIPING SPECIALTIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
- B. Section 033000 – Cast in place Concrete
- C. Section 312000 – Earth Moving
- D. Section 334200 – Storm-water conveyance

1.2 SUMMARY

- A. Section Includes:
 - 1. Trench drains system.

1.3 ACTION SUBMITTALS

- A. Product Data: Submit manufacturer's product data, including installation instructions.
- B. Product Schedule: Use same designations indicated in drawings.
- C. Comply with Division 1
- D. Shop Drawings: Submit manufacturer's shop drawings, indicating layout, dimensions, materials, components, and accessories.
- E. Samples: Submit manufacturer's sample of trench drain, including grate.
- F. Manufacturer's Certification: Submit manufacturer's certification that materials comply with specified requirements and are suitable for intended application.
- G. Manufacturer's Project References: Submit manufacturer's list of successfully completed trench drain system projects, including project name and location, name of architect, and type and quantity of trench drain systems furnished.
- H. Installer's Project References: Submit installer's list of successfully completed trench drain system projects, including project name and location, name of architect, and type and quantity of trench drain systems installed.
- I. Warranty Documentation: Submit manufacturer's standard warranty.

1.4 QUALITY ASSURANCE

- A. Drainage piping specialties shall bear label, stamp, or other markings of specified testing agency.
- B. Manufacturer's Qualifications: Manufacturer regularly engaged, for a minimum of 10 years, in the manufacturing of trench drain systems of similar type to that specified.
- C. Installer's Qualifications:
 - 1. Installer regularly engaged, for a minimum of 5 years, in installation of trench drain systems of similar type to that specified.
 - 2. Employ persons trained for installation of trench drain systems.

1.5 PREINSTALLATION MEETINGS

- A. Convene pre-installation meeting 2 weeks before start of Work of this Section.
- B. Require attendance of parties directly affecting Work of this Section, including Contractor, Landscape Architect, installer, and manufacturer's representative.
- C. Review the Following:
 - 1. Materials.
 - 2. Installation.
 - 3. Adjusting.
 - 4. Cleaning.
 - 5. Protection.
 - 6. Coordination with other Work.

1.6 DELIVERY STORAGE, AND HANDLING

- A. Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage and Handling Requirements:
 - 1. Store and handle materials in accordance with manufacturer's instructions.
 - 2. Keep materials in manufacturer's original, unopened containers and packaging until installation.
 - 3. Store materials in clean areas, protected from exposure to harmful weather conditions.
 - 4. Store materials out of direct sunlight.
 - 5. Protect materials during storage, handling, and installation to prevent damage.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Manufacturer: NDS, Inc., 851 North Harvard Avenue, Lindsay, California 93247; or approved equal. Toll Free 800-726-1994. Phone 559-562-9888. Toll Free Fax 800-726-1998. Fax 559-562-4488. Website www.ndspro.com. Email nds@ndspro.com.
- B. Substitutions: Permitted: Must comply with Division 1 and shall be approved by the Landscape Architect.
- C. Single Source: Provide materials from single manufacturer.

2.2 UTILITY TRENCH DRAINS

- A. Trench Drain System: "Dura Slope" trench drain system, including the following components:
 - 1. Channel drains.
 - 2. Channel grates.
 - 3. Catch basins.
 - 4. Accessories.

2.3 CHANNEL DRAINAGE SYSTEMS

- A. Channel Drains: "Dura Slope" channel drains.
 - 1. Material: Gray, injection-molded, structural-foam, high-density polyethylene (HDPE) with UV inhibitors.
 - 2. Dimensions:
 - a. Length of Each Modular Channel Section: 48 inches.
 - b. Outside Top Width: 6-5/8 inches.
 - c. Nominal Inside Flow Path Width: 4 inches.
 - d. Bottom Radius: 2 inches.
 - e. Maximum Inner Depth, Range: 3.998 inches to 12.062 inches.
 - 3. Channel Weight per Section, Range: 7.452 lbs. to 16.06 lbs.
 - 4. Channel Sections: Neutral and pre-sloped sections to provide variable trench depth.
 - 5. Slope of Pre-sloped Channel Sections: 0.7 percent.
 - 6. Pre-Sloped Run Lengths:
 - a. Continuous Slope: Maximum 194 feet.
 - b. With Neutral Sections Added: Maximum 266 feet.
 - 7. Load Rating: Class D.
 - 8. Material Strength:
 - a. Compressive Strength: 2,900 psi.
 - b. Tensile Stress: 4,550 psi.
 - c. Flexural Strength: 5,800 psi.
 - 9. Material Absorption: Maximum 0.01 percent.
 - 10. Molded bottom outlet.
 - 11. Pipe Outlet Size: 8 inches.

12. Integral Joint Lock: "DuraLoc" interlocking tongue-and-groove joints to secure alignment and ensure straight channel runs.
13. Grate Lock: "ProFit" locking system locks grate to integral frame.
14. Rebar Supports: "LeveLoc".
 - a. Integral protruding knob levels channel and grips rebar.
 - b. Grips No. 3 and No. 4 rebar to provide channel height adjustment during installation.
 - c. Spacing: 24-inch intervals along each side of channel.

B. Withstands freeze/thaw cycles.

2.4 CHANNEL GRATES

- A. Polyolefin Channel Grates:
1. Part Number: DS-670.
 2. Material: Structural-foam polyolefin with UV inhibitors.
 3. Color: Gray.
 4. Perforated.
 5. Load Rating: Class B.
 6. Heel proof.
 7. ADA compliant.
 8. Dimensions:
 - a. Length: 24 inches.
 - b. Width: 6 inches.
 - c. Depth: 3/4 inch.
 9. Grate Openings: 1/4-inch-round holes.
 10. Open Surface Area per Foot: 8.75 square inches.
 11. Inflow Capacity per Foot: 26.77 gpm.

2.5 CATCH BASINS

- A. In-Line Catch Basins:
1. Part Number: DS-340.
 2. Material: Polyethylene.
 3. Color: Gray.
 4. Dimensions:
 - a. Length: 24 inches.
 - b. Width: 6 inches.
 - c. Depth: 27 inches.
 - d. Outlet Depth: 16-7/8 inches.
 5. Fits all depth ranges of trench drain sections.
 6. Inlets: Sized as required to accept trench drain sections.
 7. Outlets: Both sides of basin.
 8. Universal adapter plug.
 9. Blank grate insert.
 10. Grate screws.
 11. Trash Bucket:
 - a. Material: Zinc-plated steel.
 - b. Fits inside catch basins.

- c. Dimensions:
 - 1) Length: 22 inches.
 - 2) Height: 10 inches.
 - 3) Bottom Width: 2 inches.
 - 4) Metal Thickness: 0.04 inch.
 - 5) Handle: For easy removal for cleaning.

2.6 ACCESSORIES

- A. Blank Grate Inserts"
 - 1. Temporary use to keep concrete, sediment, and debris out of channel drains during installation of trench drain system.
 - 2. Recyclable.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas to receive trench drain system.
- B. Notify Landscape Architect of conditions that would adversely affect installation or subsequent use.
- C. Do not begin installation until unacceptable conditions are corrected.

3.2 INSTALLATION

- A. Install trench drain system in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Excavate trenches to ensure proper thickness of concrete beneath and on both sides of channels are maintained and are in accordance with specified load rating.
- C. Install trench drain system to elevations and slopes indicated on the Drawings.
- D. Ensure directional flow arrows located on channels are pointing in direction of flow, toward catch basins and evacuation outlets.
- E. Install catch basins at elevations indicated on the Drawings.
- F. Apply silicon sealant to make joints watertight.
- G. Install temporary blank grate inserts to keep concrete, sediment, and debris out of channel drains during installation of trench drain system.
- H. Concrete:
 - 1. Place concrete beneath and on both sides of trench drain system in accordance with specified load rating and as indicated on the Drawings.

2. Concrete Minimum Compressive Strength 2500 psi at 28 days.
 3. Concrete shall be as specified in Section 033000.
- I. Recess Top of Trench Drain System:
 1. Pedestrian Applications: 1/8 inch below concrete finish grade.
 2. Traffic-Bearing Applications: 1/4 inch below concrete finish grade.
 - J. Allow concrete to cure to specified compressive strength.
 - K. Ensure sediment and debris does not collect in trench drain system.
 - L. Install channel grates in accordance with manufacturer's instructions to meet load rating, using stainless steel screws with grate lock.

3.3 ADJUSTING

- A. Remove and replace with new material, damaged components that cannot be successfully repaired, as determined by Landscape Architect.

3.4 CLEANING

- A. Clean trench drain system of accumulated sediment and debris before final project completion.

3.5 PROTECTION

- A. Protect drains during remainder of construction period through substantial completion to avoid clogging with dirt or debris and to prevent damage from traffic or construction work.
- B. Place plugs in ends of uncompleted piping at end of each day or when work stops.

END OF SECTION 221423

SECTION 323300 - SITE FURNISHINGS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. The shade canopy contractor shall be responsible for design, engineering, fabrication and supply of the work specified herein. The intent of this specification is to have only one manufacturer be responsible for the aforementioned functions.
- B. Section Includes:
 - 1. Shade Canopy.
- C. Related Requirements:
 - 1. Section 033000 "Cast-in-Place Concrete"

1.3 ACTION SUBMITTALS

- A. Pre-Bid Submittals:
 - 1. Provide proof of installed reference sites with structures for similar scope of project and installation that are engineered to International Building Code (IBC) specifications. Include in reference list of structure dimensions with install dates and project locations.
 - 2. Provide information to establish desired fabric color and powder coat color.
 - 3. Provide proof of all quality assurance items including:
 - a. A list of at least six (6) public municipal installations where manufacturer's product as proposed pursuant to this bid has been installed and has been in continuous use for a minimum of five (5) years each.
 - b. Proof of Liability and Umbrella Insurance.
- B. Award of Contract Submittals:
 - 1. Make available wet-sealed structural engineering drawings and calculations
 - 2. Provide fabric color and powder coat color selections for final order.
- C. Project Conditions
 - 1. Field Measurements: verify layout information for shade structures shown on the drawings in relation to the property survey and existing structures. Verify locations by field measurements prior to construction.

D. Warranty

1. The successful bidder shall provide a one (1) year warranty on all labor and materials. Samples may be incorporated into the Work.
2. A supplemental non-prorated warranty from the manufacturer shall be provided for a period of ten (10) years on fabric including stitching and twenty (20) years on the structural integrity of the steel, from date of substantial completion.
3. The warranty shall not deprive the Owner of other rights the Owner may have under the provisions of the Contract Documents, and will be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contractor documents.
4. Because of surety requirements, any performance and payment bond that might be required will cover only the first year of the warranty. The manufacturer's warranty will be a separate document and will be executed at the time of completion of the work.

PART 2 - PRODUCTS

2.1 GENERAL

- A. The shade products shall be designed and manufactured to the most exacting specifications by skilled craftsmen, and certified by Professional Engineers for structural soundness of designs. All shade products are shipped knocked-down, with complete assembly instructions, and ready for easy in-field installation.

Bidder's products must be completely manufactured entirely in its own factory by its own employees, including powder-coating, thereby ensuring complete quality control. Bidder must certify that no aspect of its production – including powder-coating – is contracted out to third parties.

The proposed structure(s) manufactured by Shade Systems, Inc. or approved equal, shall be modular and pre-fabricated, and include the structural steel frame, fabric roof, steel cables and all fasteners.

2.2 BASIS OF PRODUCT

- A. Subject to the compliance with requirements, provide indicated on the Drawings or a comparable product from one of the following:
1. Skyways® by Landscape Structures
 2. USA Shade & Fabric Structures®
 3. PRAT Structures Avancées

2.3 MANUFACTURER

- A. Manufacturer: Shade Systems, Inc. 4150 SW 19 Street Ocala, Fl. 34474. Toll Free 1-800-609-6066. Fax 352-237-2256. Contact Jeremy Purkis. Email jeremy@shadesystemsinc.com. Website www.shadesystemsinc.com

- B. Or Equal: Standard for approved equal. Ten (10) day prior approval required for substitution of product design, materials and features specified above. Submittals must include plans, drawings, cut sheets, material data sheets, testing results and samples. Bids failing to meet this requirement will be deemed non-responsive.
- C. Structures are engineered to meet or exceed the requirements of International Building Code (IBC), and the following standard specifications:
 - 1. Wind Speed (Frame only): 165 M.P.H.
 - 2. Wind Speed (Frame w/canopy): 90 M.P.H.
 - 3. Live Load: None
 - 4. Snow Load: None
- D. Material: All materials shall be structurally sound and appropriate for safe use. Product durability shall be ensured by the use of corrosion-resistant metals such as stainless steel, and coatings such as zinc-plating, galvanizing, and powder-coating on steel parts, subject to the Product-Specific requirements. Fabrics used shall include UV-stabilizers and fire retardants for longevity and safety.
- E. Packaging: All metal posts, rafters and beams shall be wrapped in plastic and cardboard to protect the powder coat finish during shipping.
- F. Weldments: All tubing members are factory-welded by Certified Welders to American Welding Society (AWS) specifications and to the highest standards of quality workmanship. Weldments are finished with a zinc-rich galvanized coating. No field welding is required in the assembly of the shade products.
- G. Posts, Structural Frame Tubing, and Hardware: All tubing used shall be cold-formed and milled per ASTM A-135 and ASTM A-500. Material testing is in accordance with ASTM E-8. Minimum yield is 40,000 psi with a minimum tensile strength of 45,000 psi on all posts. All tubing shall be pre-cut to appropriate lengths, and all outside surfaces shall be galvanized, with an interior corrosion-resistant zinc-rich coating. Where required, support pipes shall be schedule 40 hot-dip galvanized or powder-coated black steel. All fastening hardware shall be stainless steel.
- H. Polyester Powder-coating Process: All powder-coated parts are completely cleaned and a hot zinc phosphate pretreatment with non-chromic sealer is applied. Powder-coating is then electrostatically applied and oven-cured at 375 to 425 degrees Fahrenheit. Polyester powders shall meet or exceed ASTM standards for Adhesion, Hardness, Impact, Flexibility, Overbake Resistance, and Salt Spray Resistance. Colors shall be specified.
- I. Standard Footings: Footings shall be designed per stringent International Building Code (IBC) for the specified structure. Columns will be provided as standard direct embedment. Other footing designs are available.
- J. Roofing: Structural frames are designed by Shade Systems only for use with Coolnet™ polyethylene shade fabric. Fabric is attached to frame using a vinyl covered minimum 1/4" diameter stainless steel and clear vinyl coated cable. Cable fasteners are zinc-plated copper for maximum corrosion resistance.

2.4 FASTENING SYSTEM

- A. Coolnet™ Shade Fabric shall be delivered complete with independent cables pre-inserted in fabric hems. Each cable shall be looped and clamped at each end. Fastening System to consist of the Turn-N-Slide™ fastening device which is factory installed at each roof rafter corner. The Turn-N-Slide features a concealed mechanism which allows the attachment hook and sleeve at each rafter corner to move along a track in the rafter. Cables are attached to hook which is welded to the moving sleeve, thereby distributing tension evenly over rafters and not directly onto the mechanism. Rafters are sealed with no penetrations on the top side, thereby preventing water from entering. Such moving sleeve with hook allows the looped ends of each cable to slide over the hook when the sleeve is at its upper position, and then by turning the concealed fastener within the rafter, moves the sleeve with hook outward (toward end of rafter), thereby tensioning the cables and securing the fabric at the proper tautness. A locking cap is secured at the end of each rafter with a vandal-resistant bolt (special wrench provided by the manufacturer) to prevent unauthorized access to the Turn-N-Slide mechanism. To remove the canopy, the cap is removed, and the mechanism rotated counter-clockwise. The sleeve with hook moves inward (toward peak of roof), thereby de-tensioning the cables, and allows fast removal of the canopy. Continuous one-piece cables, cables which are not independent per side and pre-looped and clamped at the factory, and/or cables which must be tensioned with the use of turnbuckles or tools not provided by the manufacturer are not acceptable. Structures which do not feature the Fastening Mechanism on each and every rafter, or fastening mechanisms which do not feature a sealed top rafter and moving outer sleeve such as the Turn-N-Slide, are not acceptable.
- B. Fastening System Instructional Video: Product must be delivered complete with a minimum 5-minute instructional video on DVD media. Video must show the viewer the exact procedure for removing and re-attaching canopy using an actual shade structure in the field. Submittals which do not include the video on DVD media are not acceptable.

2.5 FABRIC

- A. Shade Fabric: Knitted of monofilament and tape construction high density polyethylene with Ultra-Violet (U.V.) stabilizers and flame retardant. UV- Block Factor varies by standard color offered from 91% to 99%.
1. Normal Thickness: 0.057 inches Fabric Mass: Min 340 g/m²
 2. Light Fastness: 7-8 (Blue Wool Scale)
 3. Weather Fastness: 4-5 (Grey Scale Test)
 4. Tear Resistance: Warp 210N Weft 276N
 5. Breaking Force: Warp 786N Weft 2494N
 6. Bursting Pressure: Mean 3500kPa
 7. Bursting Force: Mean 2146N
- All hems and seams are double row lock stitched using exterior grade UV- stabilized polyethylene GORE™ TENARA™ sewing thread (GORE and TENARA are trademarks of W.L. Gore & Associates).

- B. Flammability: Shade Fabric is treated with fire retardants and passes requirements established under the NFPA 701 Test Method 2 test standards for flammability, including the accelerated water leaching protocol. Written evidence of compliance with this standard, including with accelerated water leaching protocol, must be furnished with bid proposal.

Color	Weight (g/m ²)	Shade Factor %	UVR Block %
Canary Yellow	340	77	93
Eggshell White	340	79	95
Lime Green	400	87	94
Fire Orange	400	82	94
Onyx Black	340	97	97
Grape Purple	400	82	90
Desert Sand	340	84	95
Rivergum Green	340	86	93
Bright Red	340	81	91
Brick Red	340	95	94
Silver Grey	340	92	97
Light Blue	340	95	97
Navy Blue	340	96	99
Aquatic Blue	340	88	94
Forest Green	340	96	97

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and conditions, with Installer present, for compliance with requirements for correct and level finished grade, mounting surfaces, installation tolerances, and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Comply with manufacturer's written installation instructions unless more stringent requirements are indicated.
- B. Installations of shade structure(s) shall be performed by an installer who shall comply with the manufacturer's instructions for assembly, installation, and erection, per approved drawings.
- C. Concrete work shall be executed in accordance with the latest edition of the American Concrete Building Code, ACI 318.
- D. All reinforcement shall confirm to ASTM A-615, Grade 60.
- E. Reinforcing steel shall be detailed, fabricated, and placed in accordance with the latest ACI Detailing Manual, and Manual of Standard Practice.

END OF SECTION 323300

954-734-7133 Phone/Fax
www.FloridaLeakSolutions.com
8425 South Coral Circle
North Lauderdale, FL 33068



No 03338

Date: 1/4/18

Customer Name: City of Pembroke Pines: Academy Village Olympic Pool	
Address: 17198 Sheridan St, Pembroke Pines, FL	Zip: 33028
Contact Info: Greg Groselle 954-829-3086 / Ste Luis Soler 954-336-0313	
Leak Detection Svc:	Commercial: <input type="checkbox"/> Residential: <input type="checkbox"/> Pool/Spa: <input checked="" type="checkbox"/> Structural: <input type="checkbox"/>
Building Leak: <input type="checkbox"/> House Leak: <input type="checkbox"/> Other: Olympic Myrtha Pool &	
Tech: Bobby	Description: Equipment \$2650 Total
1) SOUND TESTED Pool. MANY LEAK'S FROM GUTTER TRAP/PLI, FLOOR'S AND LEAK'S BEHIND WALLS AT LIGHT NITCH. + PAVING. 2) STATIC TESTED ALL LINES ALL OK. RETURN LEAK. 3) FOUND MANY SMALL LEAK'S IN GUTTERS, FOUND LANE LINE'S AFTER TIGHTENING. 4) FOUND WALL PAVING SPLIT AND ALLOWING POOL WTR TO LEAK BEHIND WALLS, AT LIGHT NITCH. 5) MUST RE WATER PROOF COAT UNDER LINER. BEFORE REPLACING LINER. 6) POOL LINER IS VERY POOR AND MUST BE REPLACED. 7) SOLAR TANK MUST HAVE WATER PROOFING DONE. MANY SMALL LEAK'S. 8) GUTTER FLANG GASKET MUST BE REPLACED LEAKING. 9) PICTURE'S. (9) DRILLED HOLE IN BACK ROD + FOUND WATER AT PILE BUCKLE'S.	
Cust Email: MARKED WITH X	Flat Rate: \$21,650 Total - \$1,325 Deposit
CC# on File: SRK EXPANDED REPORT.	CN# 372652 1/4/18 RICH (INV0334)
Visa: <input type="checkbox"/> MC: <input type="checkbox"/> Discover: <input type="checkbox"/>	Balance Due: \$1,325

Estimated Charges Include:

Charges include leak(s) inspection/detection process(es) at location of services performed and minor temporary repairs as listed with such repairs to Commercial & Residential Pool/Spa's only. X

GUARANTEE:

Florida Leak Solutions Inc provides a 35 day guarantee from date of service for all leak location services performed (pool/spa, building, structural, pipe, under-slab or as otherwise identified and listed above). 35 day guarantee from date of service for all minor temporary Commercial and Residential Pool/Spa repairs as listed. All underground slab leaks will be located within 1'-3' of "X" as marked, if not Florida Leak Solutions Inc will return within the 35 day guarantee period at no additional charge as marked & agreed: Yes: No: X

TERMS AND CONDITIONS:

Florida Leak Solutions Inc is not responsible for any pre-existing, current or future mold, mildew, or water damage caused by any leak(s); or any damage caused during the leak inspection/detection process(es) and including any leak repair(s) applicable to all current and/or future located leak(s). X

ACKNOWLEDGMENT: I have read and understand the Terms and Conditions, Guarantee and have agreed to payment of those services listed for labor performed as described above

Signature Luis Soler

Date 1/4/18

Total (Tax Inc.) \$1,325
Deposit
Balance Due \$1,325
Completed 1/4/18
Florida Leak Solutions, Inc.
Appreciates Your Business
Thank You!

Site Report Details with Expanded Findings:

1. Sound tested pool: Many leaks: gutter trough, floor return, and leaks behind walls at light niches, and wall panels in multiple areas; gutter grates have been caulked down, caulking is along gutter trough perimeter seam
2. Static tested all lines: Main Drains and Gutter plumbing lines all OK; *Return Plumbing System: leak at deep end of pool see # 10
3. Found many small leaks in gutters, found lane lines mounting brackets (for horizontal/short lanes 12 in shallow, 6 in deep; 4 rivets per mount) installed with metal rivets on inside of the gutter trough wall causing leaks to gutter trough at all mount sites (shallow and deep); found gutter trough back wall seam to have been previously caulked to slow leaks, caulking has failed in multiple places and is now an active leak around perimeter of pool; liner is peeling from gutter structure in multiple areas and needs to be relined with the rest of the pool.
4. Found multiple wall panel seams split/separated and allowing pool water to leak behind walls and at light niches; highly probable that multiple wall panels will need repairs when old liner is removed (must be addressed at time of liner removal)
5. MUST re-water proof coat under liner before replacing liner (after panel repairs)
6. Pool liner is very poor, torn away and missing in multiple areas; previous patches have failed; COMPLETE POOL LINER MUST BE REPLACED; WATER-PROOFER MUST BE INSTALLED UNDER NEW LINER
7. SURGE TANK: no water proof coating remaining in surge tank; MUST have water proofer done; many small leaks: plumbing penetration from surge tank to pump housing is leaking; SAFETY GRATE IS RUSTED AND BROKEN IN LARGE AREA, MUST BE REPLACED AND REPLACEMENT MUST ALLOW ACCESS FOR CLEANING AND EQUIPMENT MAINTENANCE TO SURGE TANK
8. EQUIPMENT: Filter Flange Gasket Leaking: MUST be replaced
9. Pictures taken
10. Return Plumbing Leak: Drilled hole in deck, and rod to find water below deck confirming pipe break. Marked with "X" at approx. 4th floor return in from deep end SEE REPAIR RECOMMENDATIONS BELOW (VARIANCE POSSIBLE DUE TO HIGH NOISE IN AREA DUE TO WATER LOSS): Confirmed Return Plumbing leak, (possible 2) plumbing breaks in proximal area to each other, excavation will confirm)
11. POOL LIGHTS: COMPLETE underwater pool lighting system has not been in service for some time. All light cords are not connected to service and complete system is not in use at all. Additional services would be required to access and test remnants of old system for complete replacement when/if the pool lighting system is returned to service.

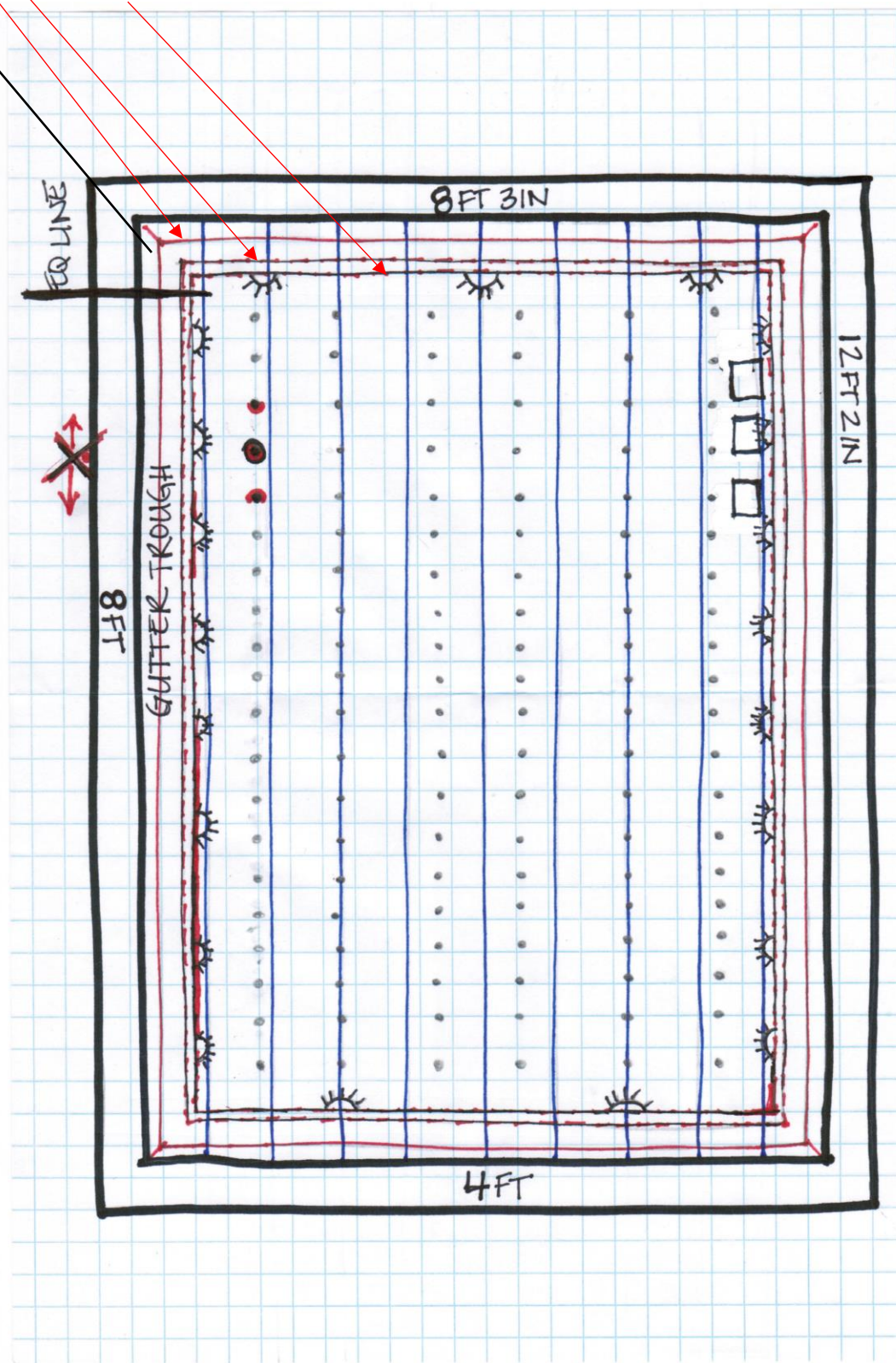
REPAIR RECOMMENDATIONS:

EXCAVATE TO RETURN PLUMBING LEAK FIRST: REMOVE PAVERS AND EXCAVATE TO PLUMBING, DO NOT CUT CONCRETE SLAB POOL PERIMETER; EXCAVATE WITH WATER STILL IN THE POOL AND PUMP WATER AWAY AS APPLICABLE DURING EXCAVATION UNTIL REACHING THE PIPE BREAK(S) (FOLLOW THE WATER)

Then drain the pool for the plumbing repair(s) necessary and liner removal, along with panel damage assessment(s) for repairs or replacement as may be necessary; Pool lighting system must be completely repaired or removed IF CODE PERMITS and day time only swimming. Complete water proof coating after all structural repairs and before complete new liner installation; Surge Tank water proofing and safety grate repairs/replacement and filter flange gasket replacement should be completed while pool is drained for the other repairs.

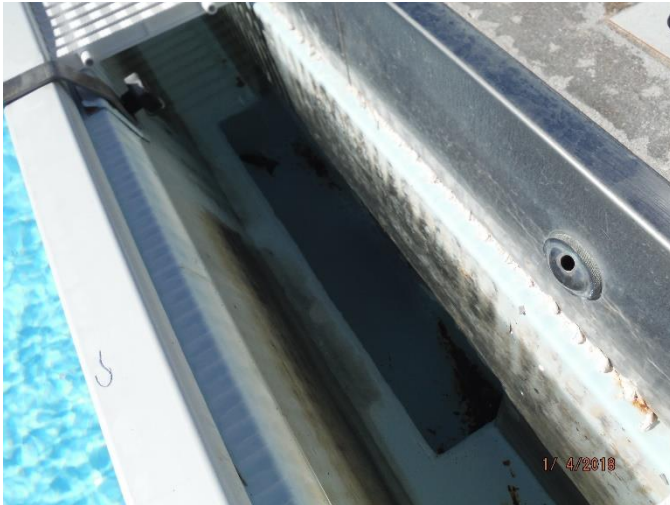
Gutter Trough Wall Interior Side (horizontal line mounts in deep: 6 and shallow: 12; 4 rivets each mount)

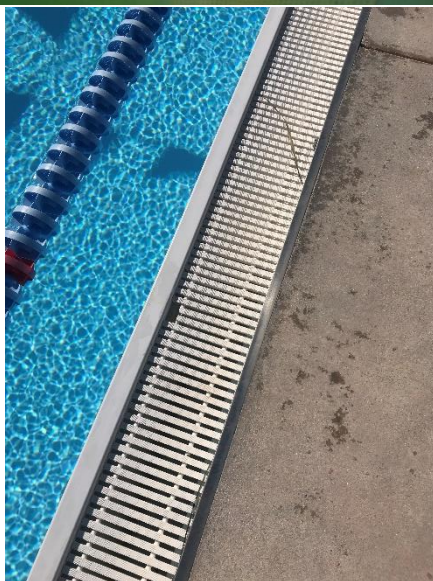
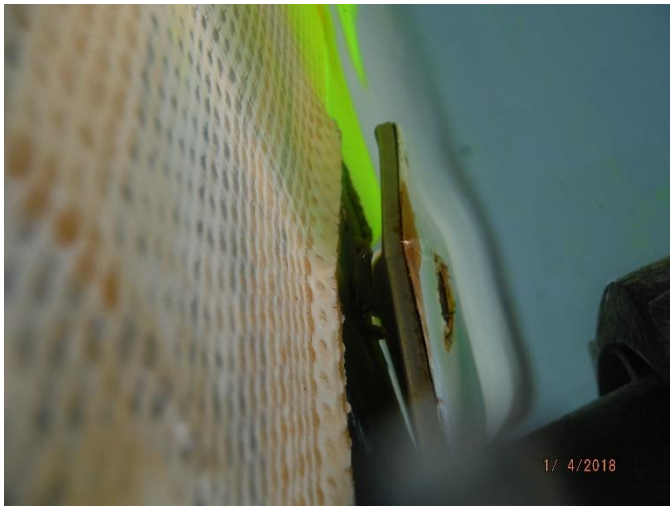
Pool Wall: Liner & Panels multiple leaks; Pool Lights (not in use)

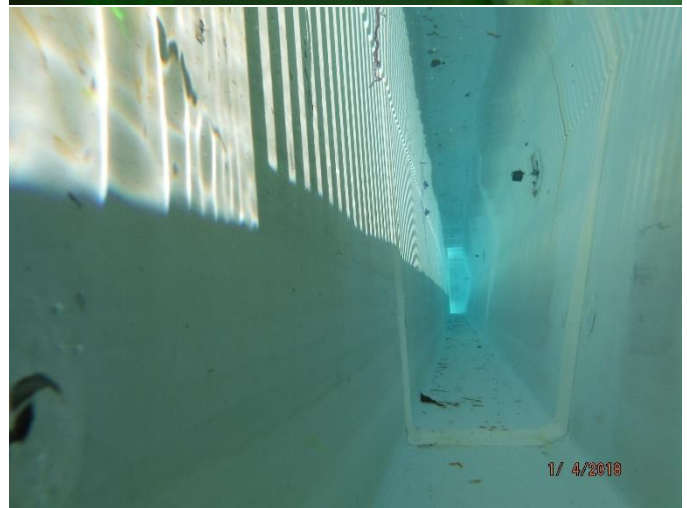
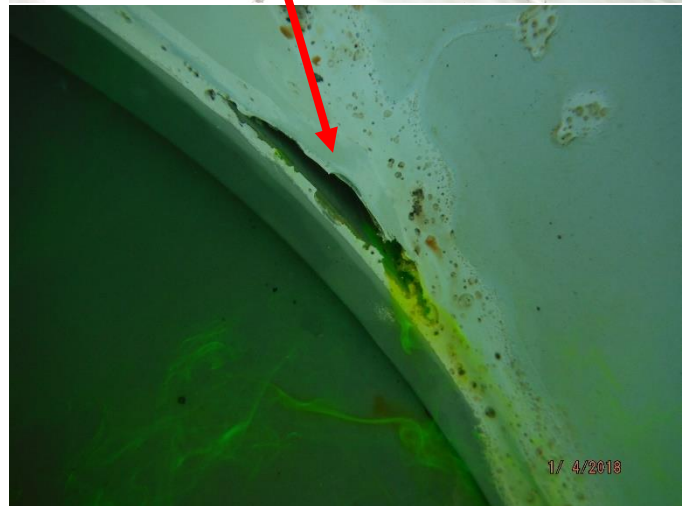


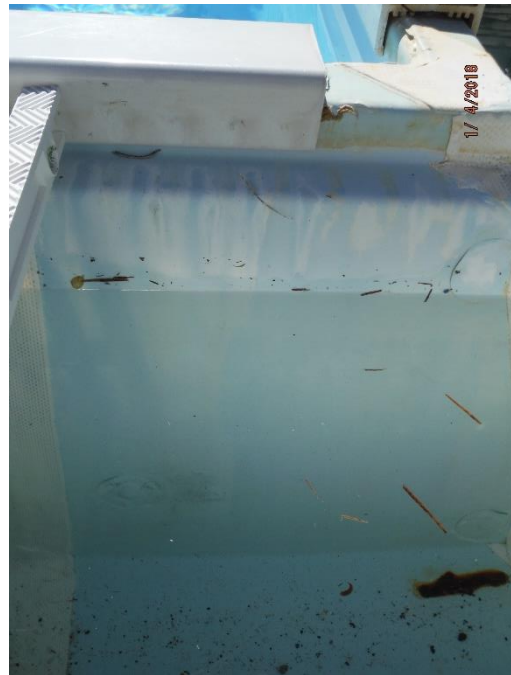
NOT TO SCALE

Gutter Trough: conditions are the same throughout the gutter as pictured below:



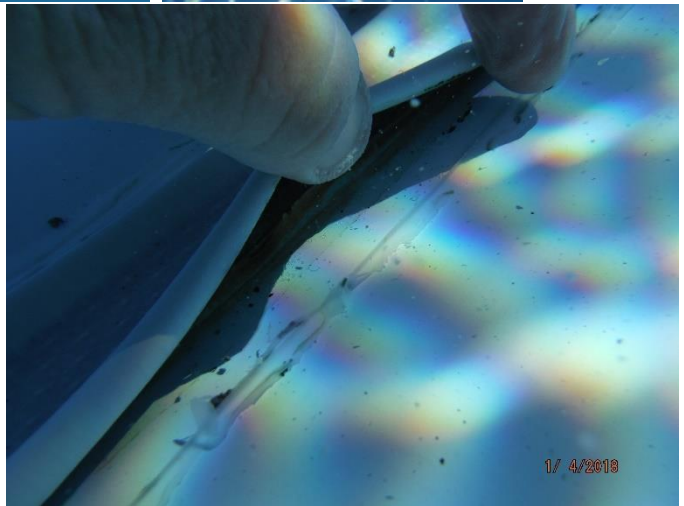
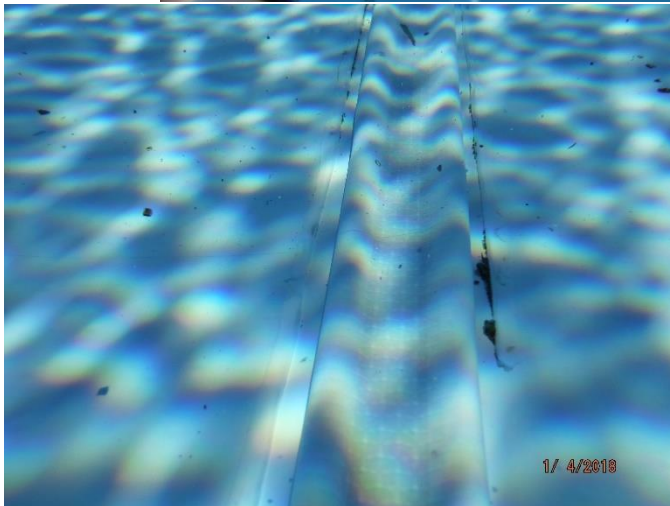
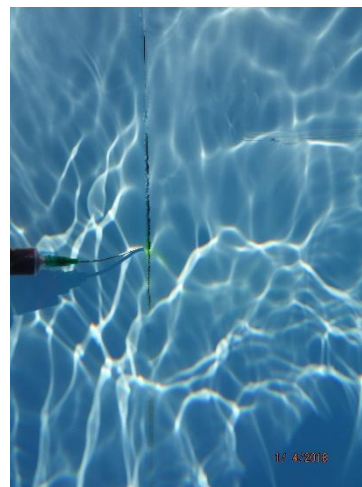
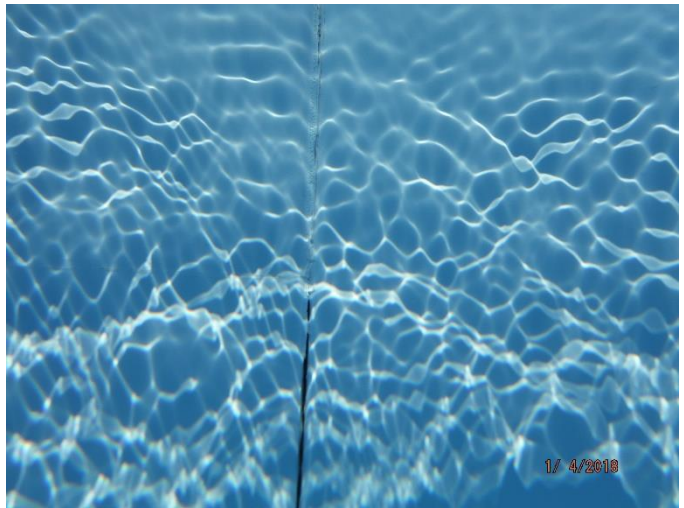
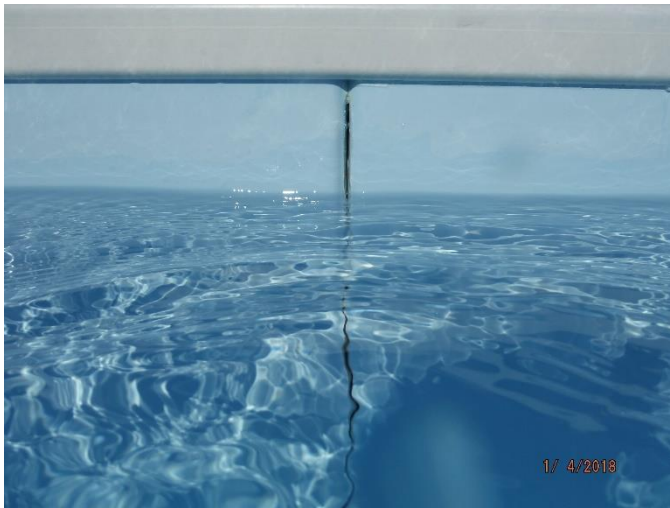


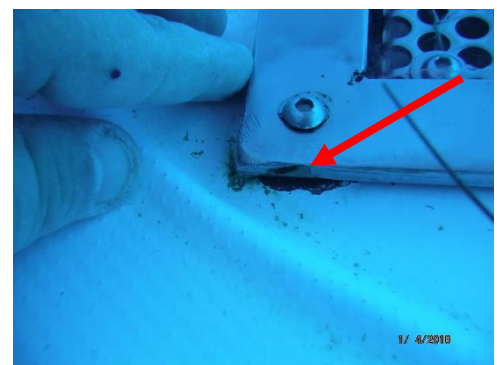
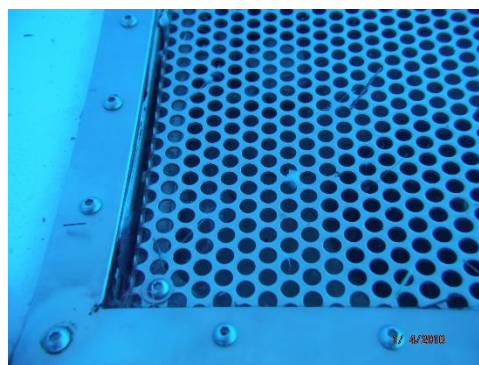
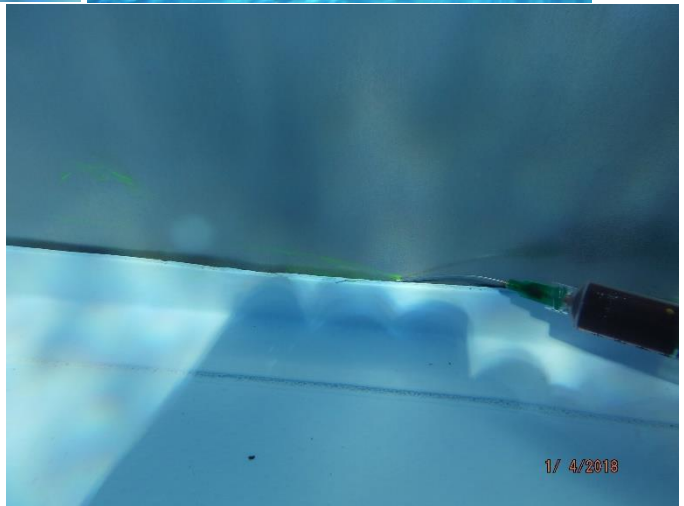
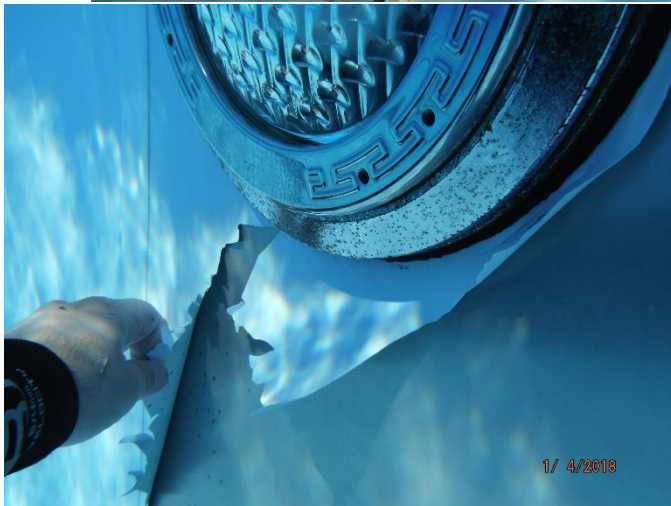
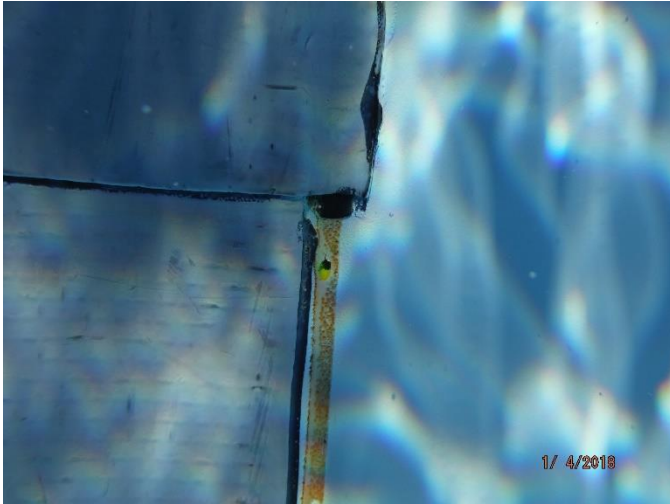


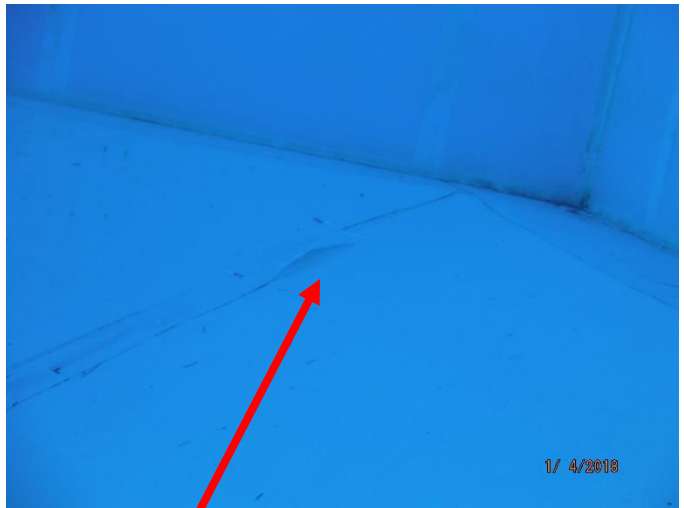
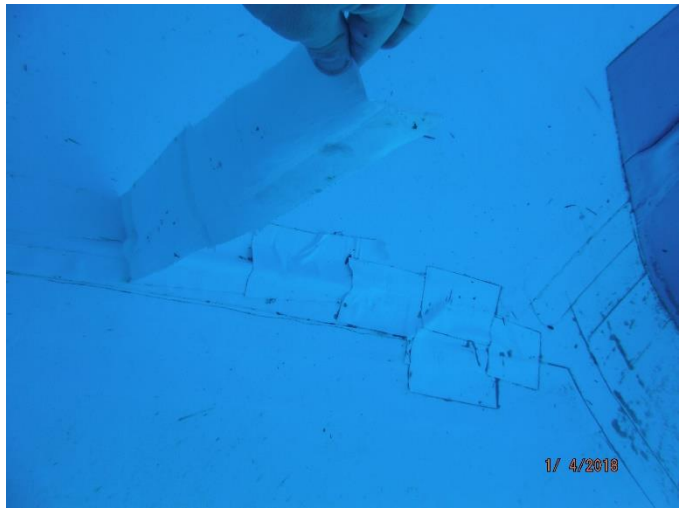


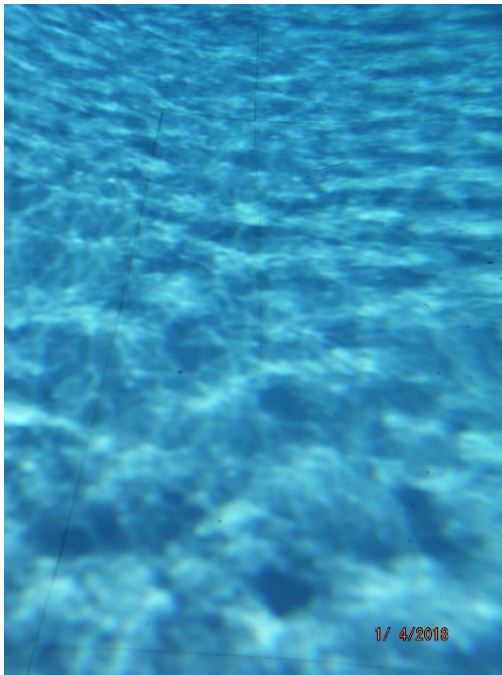


Liner and Wall Panels:

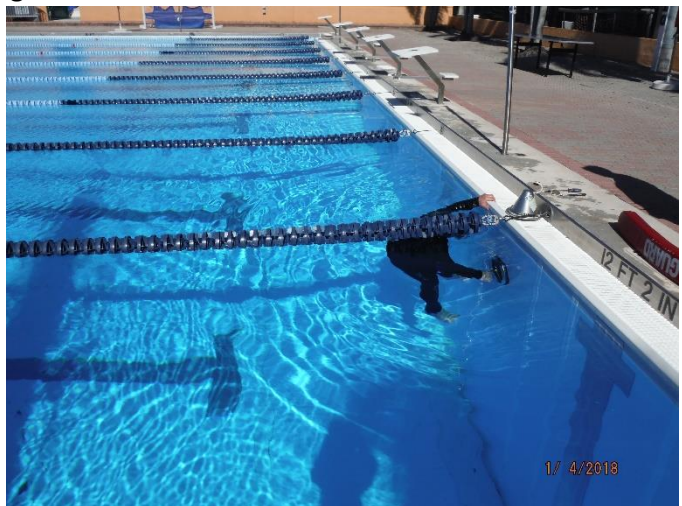


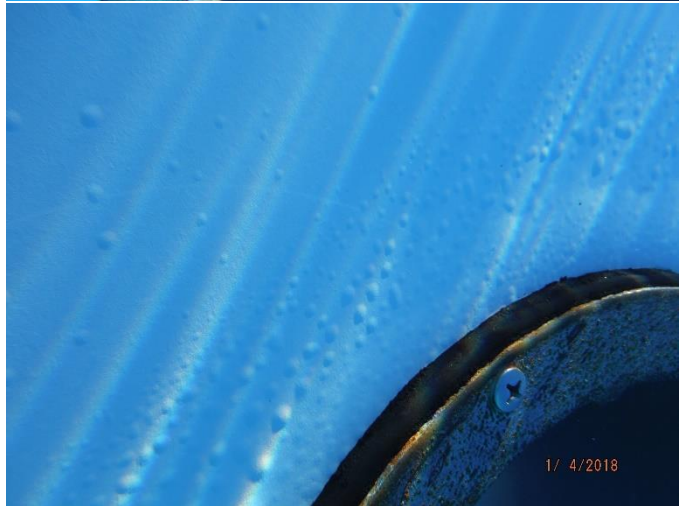
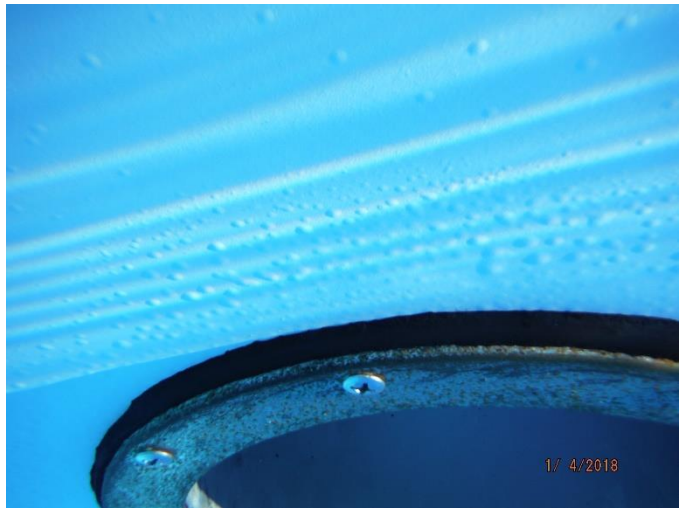


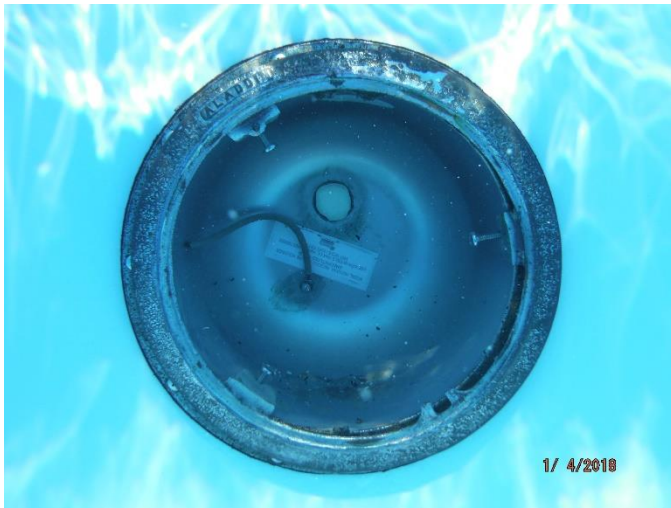




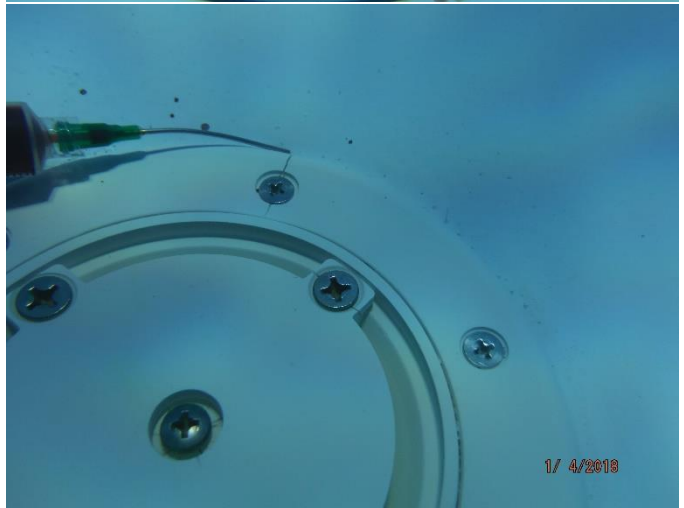
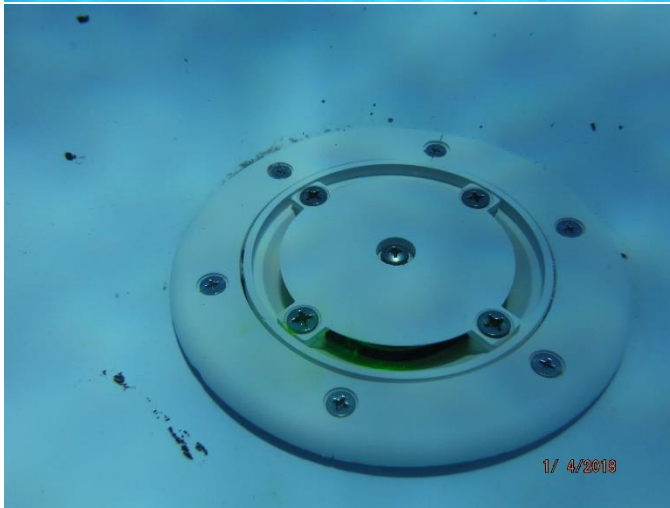
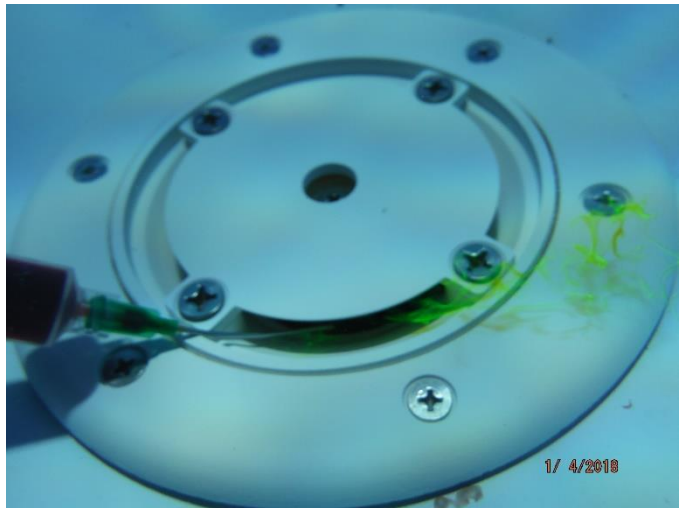
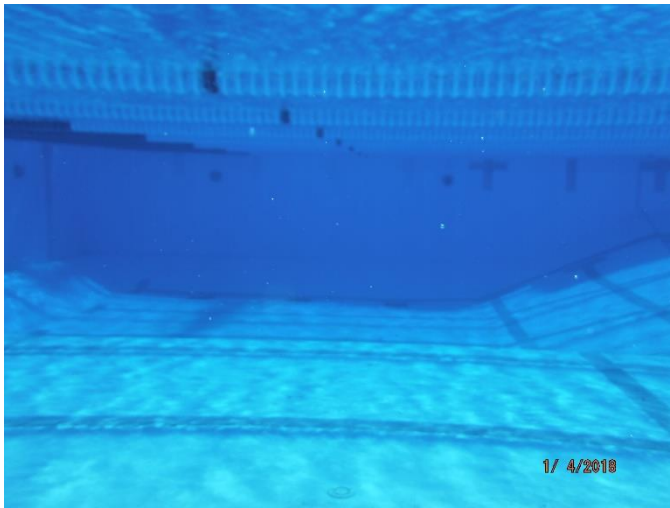
Pool Lights:





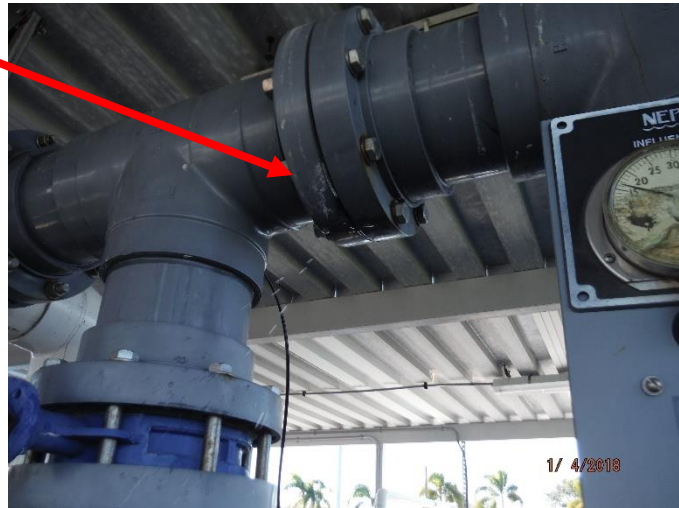


Return Leak:

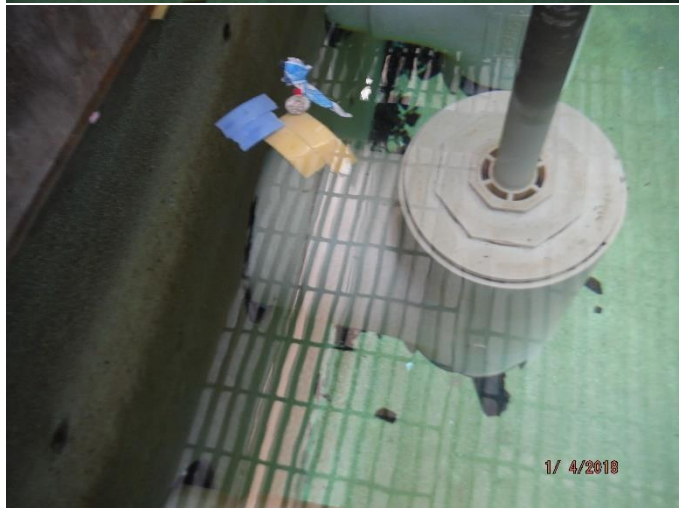
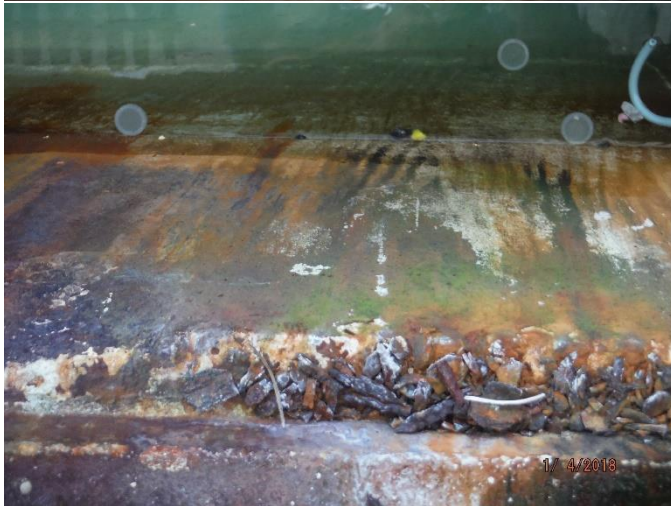


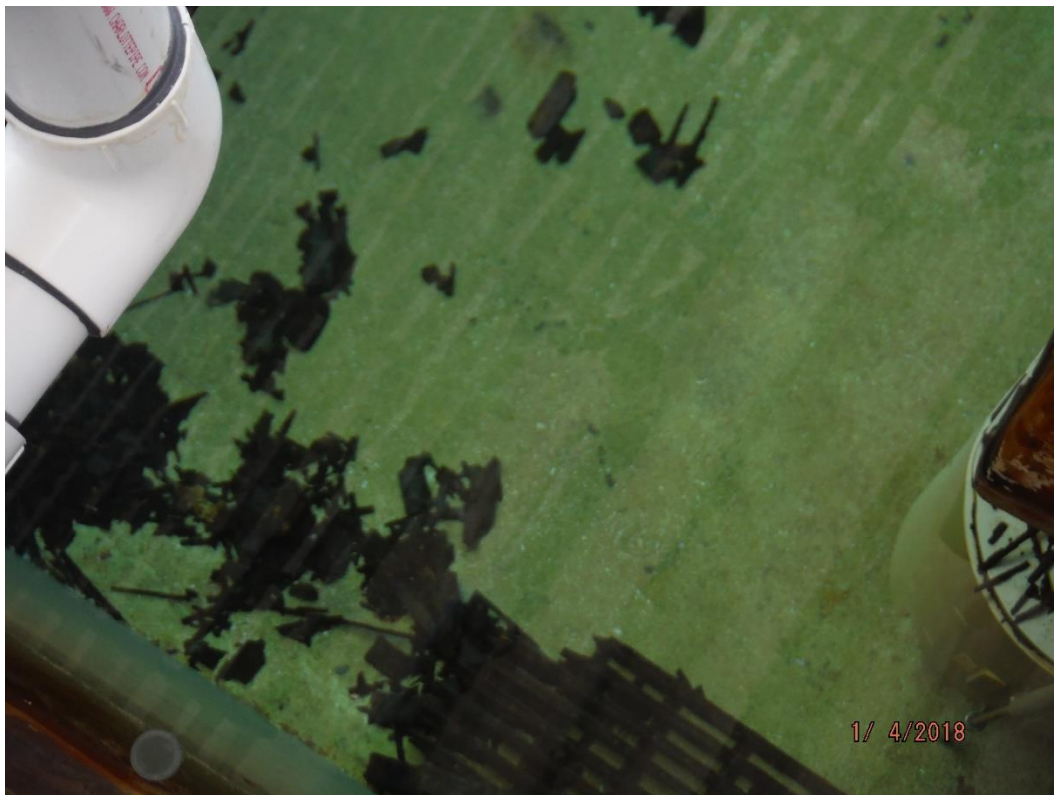
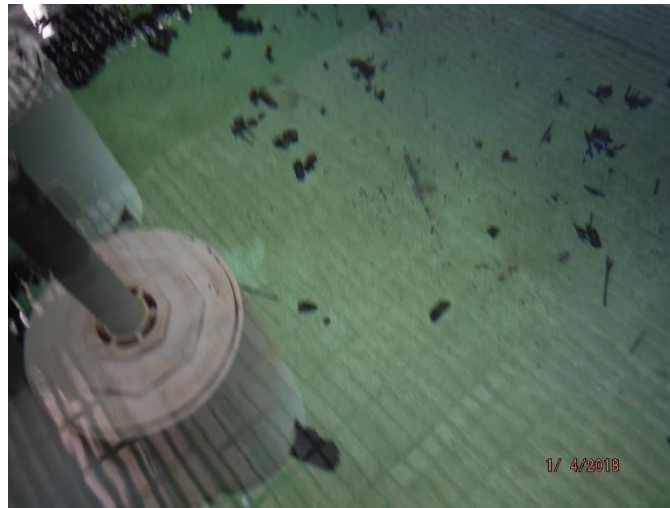


Surge Tank & Equipment:

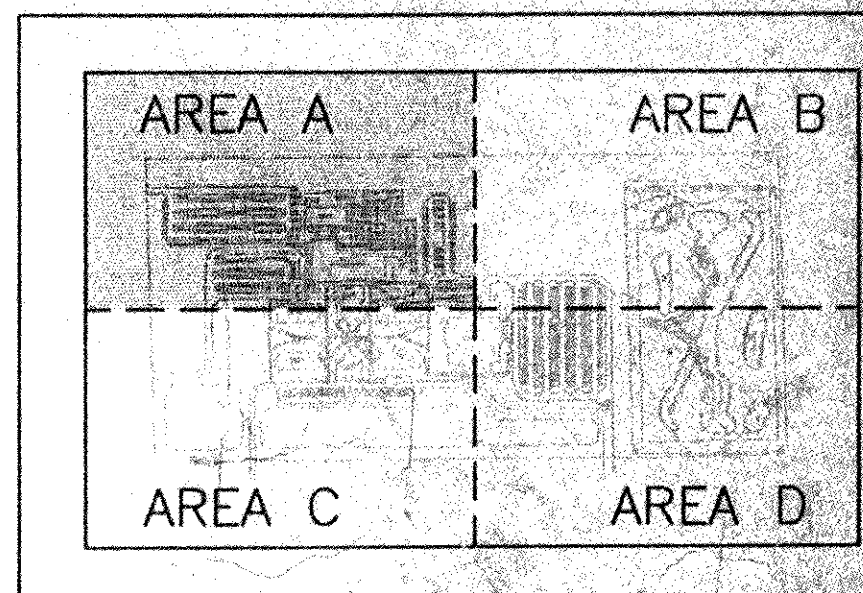








- NOTES:
- ELEVATIONS SHOWN HEREIN ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 AND SAID ELEVATIONS ARE BASED ON BENCHMARKS SUPPLIED BY THE BROWARD COUNTY ENGINEERING DEPARTMENT BENCHMARK NO. 2322. BENCHMARK ELEVATION=6.903'
 - SEE SHEET 208E FOR STORM DRAINAGE STRUCTURE TABLE



KEY PLAN
(NOT TO SCALE)

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 SPYGLASS AVENUE • JACKSONVILLE, FLORIDA 32205 • 904/791-4000
FAX: 904/791-4000

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 SPYGLASS AVENUE • JACKSONVILLE, FLORIDA 32205 • 904/791-4000
FAX: 904/791-4000

ACADEMIC VILLAGE

3-24-00 ADDENDUM #2
02-10-00 F.O. #37C
02-07-00 CIV. AID. NO. 1
11-17-00 F.O. # 40
06-28-99 CONST. ISSUE
06-09-00 REV. SPWM
04-10-99 PH.3 PKG. 1
04-07-99 REV. SPWM ISSUE
04-06-99 REV. SPWM ISSUE
04-02-99 REV. PMT. ISSUE
03-03-99 CIV. PMT. ISSUE
02-26-99 SPWM PMT. ISSUE
02-10-99 SPWM PMT. ISSUE

DATE: 02/10/00
ISSUE/REVISION:
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DRAWN BY: LAB
CHECKED BY: BJE

40499201

GRADING
&
DRAIN
PLAN
AREA

208A

MATCH LINE SEE SHEET 208B

MATCH LINE SEE SHEET 208C

Attachment L

BRUCE CARTER & ASSOCIATES, INC.

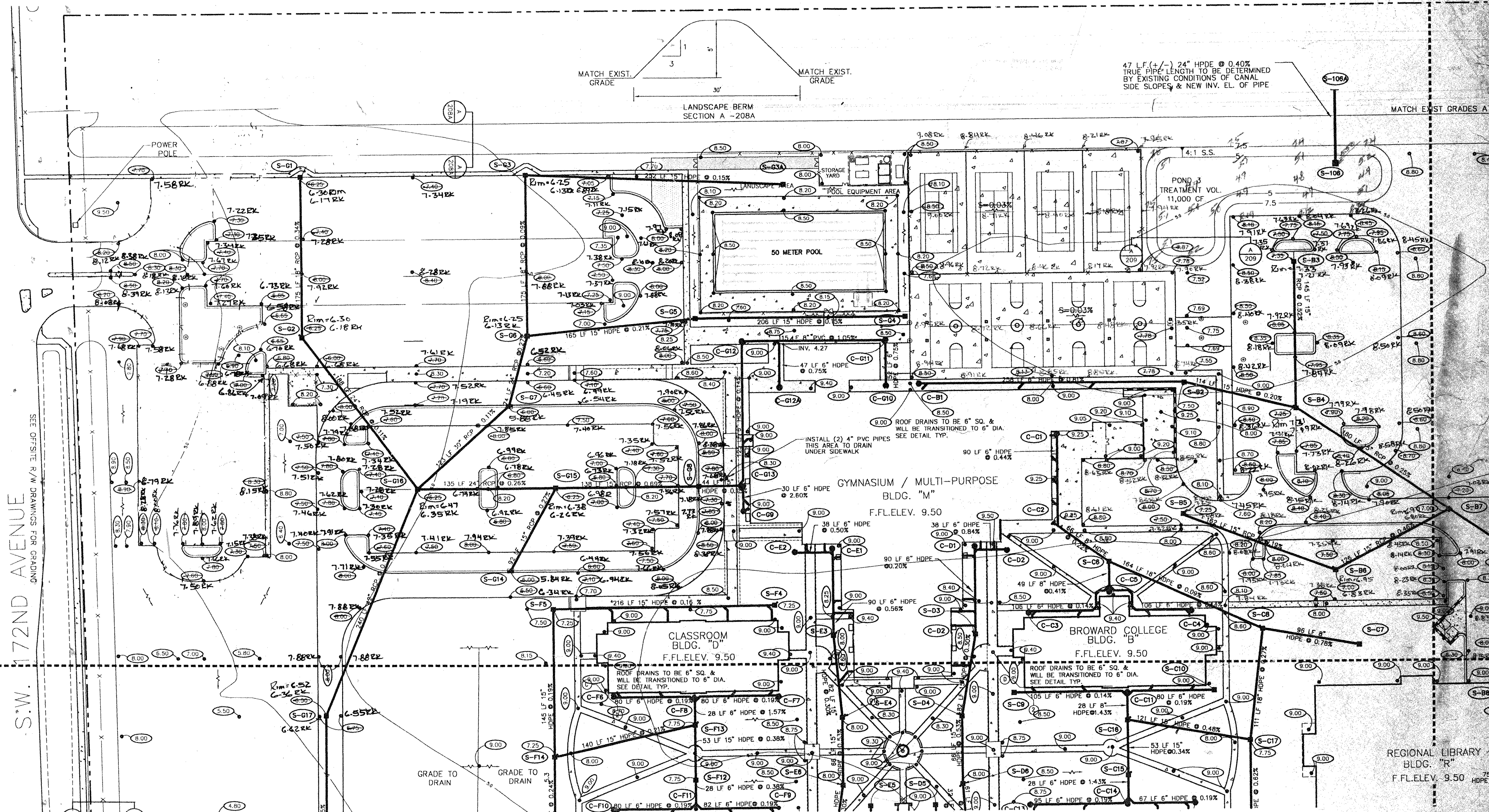
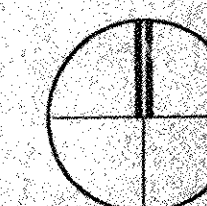
1400 UNIVERSITY DRIVE, SUITE 100, JACKSONVILLE, FLORIDA 32211
TEL: 904/791-4000 FAX: 904/791-4000

RECORD DRAWING ROCKELEV'S

The architect, engineer, architect-engineer, or other professional person, shall be responsible for the accuracy of the information contained herein and for the proper use of the same.

DATE: 3-10-2000

SCALE: 1" = 50'

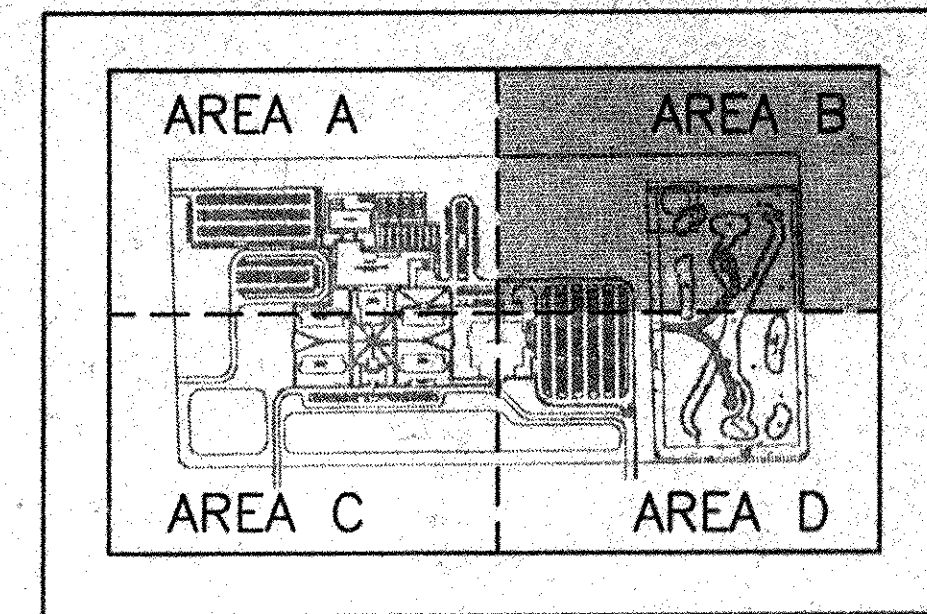


S.W. 172ND AVENUE

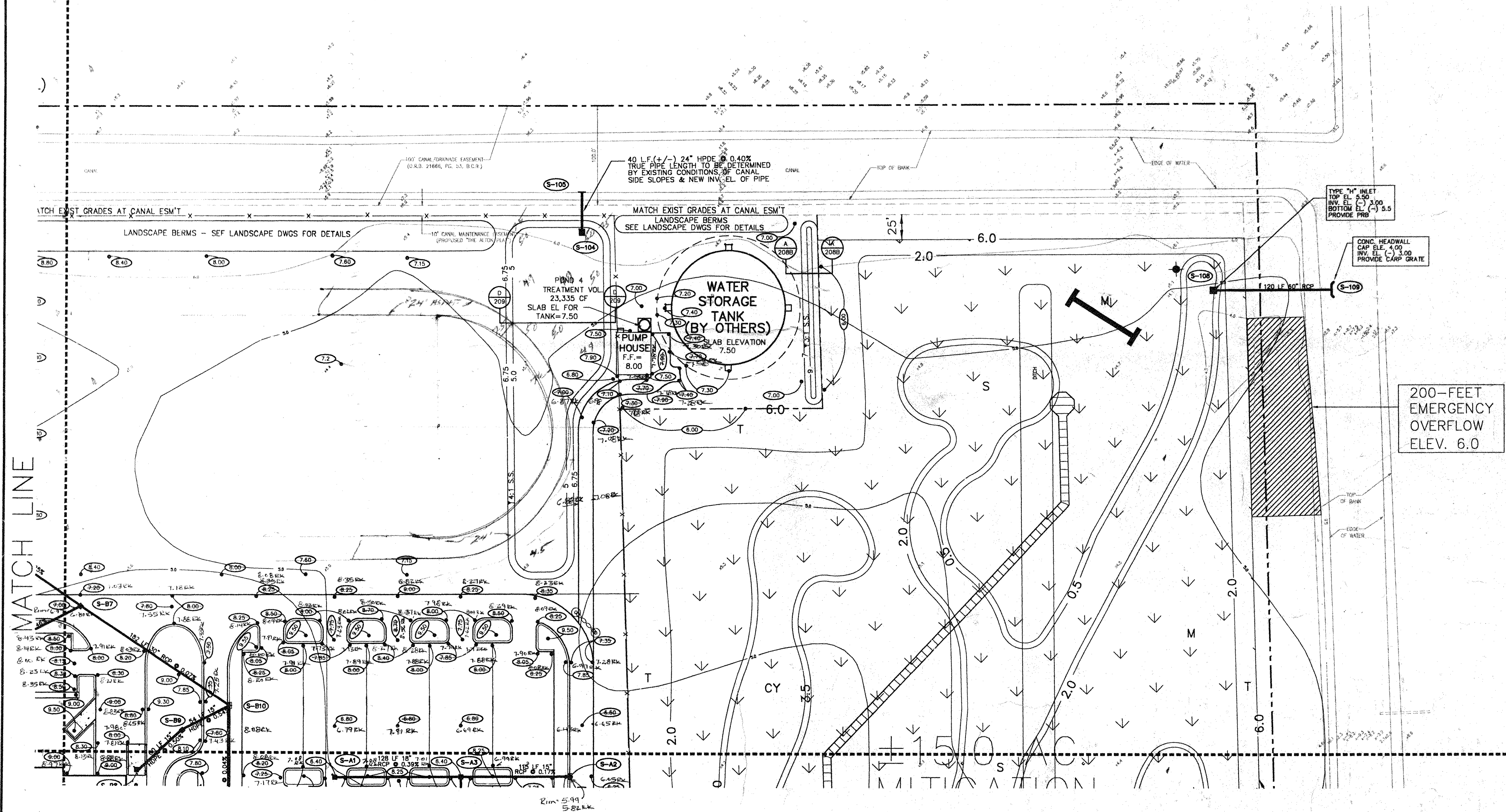
SEE OFF-SITE R/W DRAWINGS FOR GRADING

User Name: SLSALEM Plotted Date: 06/30/99
Drawing Name: V:\4499-08B.dwg Plotted Time: 14:05:3

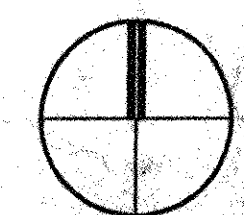
- NOTES:
- ELEVATIONS SHOWN HEREIN ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 AND SAID ELEVATIONS ARE BASED ON BENCHMARKS SUPPLIED BY THE BROWARD COUNTY ENGINEERING DEPARTMENT BENCHMARK NO. 2322. BENCHMARK ELEVATION=6.903'
 - SEE SHEET 208E FOR STORM DRAINAGE STRUCTURE TABLE



KEY PLAN
(NOT TO SCALE)



Attachment L



SCALE: 1" = 50'

RECORD DRAWING

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 REVERSON AVENUE • JACKSONVILLE, FLORIDA 32202 • 904/781-4000
FAX: 904/781-4001
E-MAIL: INFO@HASKELL.COM

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 REVERSON AVENUE • JACKSONVILLE, FLORIDA 32202 • 904/781-4000
FAX: 904/781-4001
E-MAIL: INFO@HASKELL.COM

THE CITY OF PEMBROKE PINES
ACADEMIC VILLAGE
PEMBROKE PINES, FLORIDA

02-07-00	CIVIL ADD NO. 1
01-31-00	TANK PERMIT
11-17-99	F.O. #40
08-28-99	CONST. ISSUE
06-09-99	REV. SPVMD
04-18-99	PH.3 PKG.1
04-07-99	REV. SPVMD ISSUE
04-08-99	REV. SPVMD ISSUE
04-02-99	REV. PMT ISSUE
03-03-99	CITY PMT. ISSUE
02-18-99	SPVMD PMT ISSUE
02-10-99	SPVMD PMT ISSUE

DATE ISSUE/REVISION

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any format or manner
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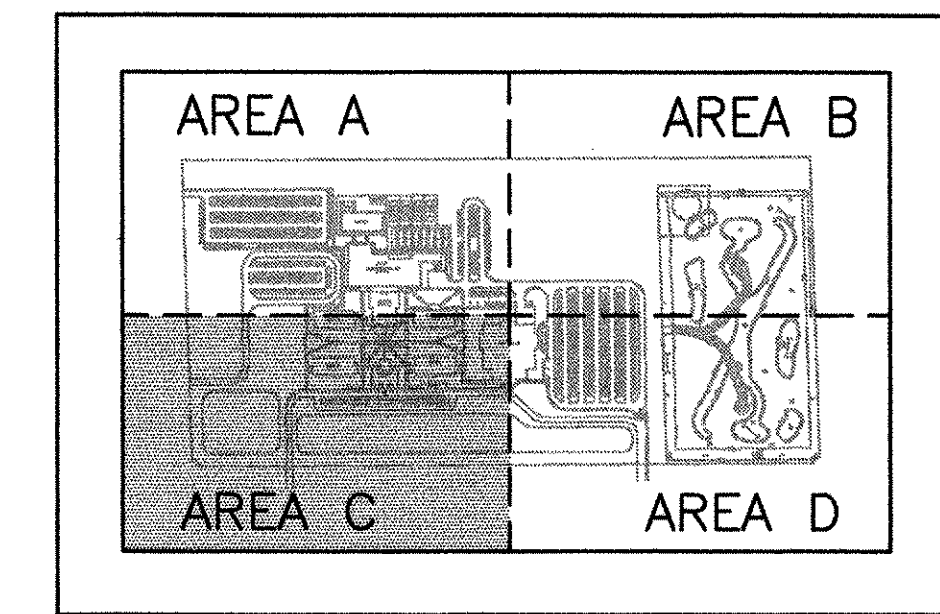
DRAWN BY: LAB CHECKED BY: BJE

AC JOB NUMBER
40499201

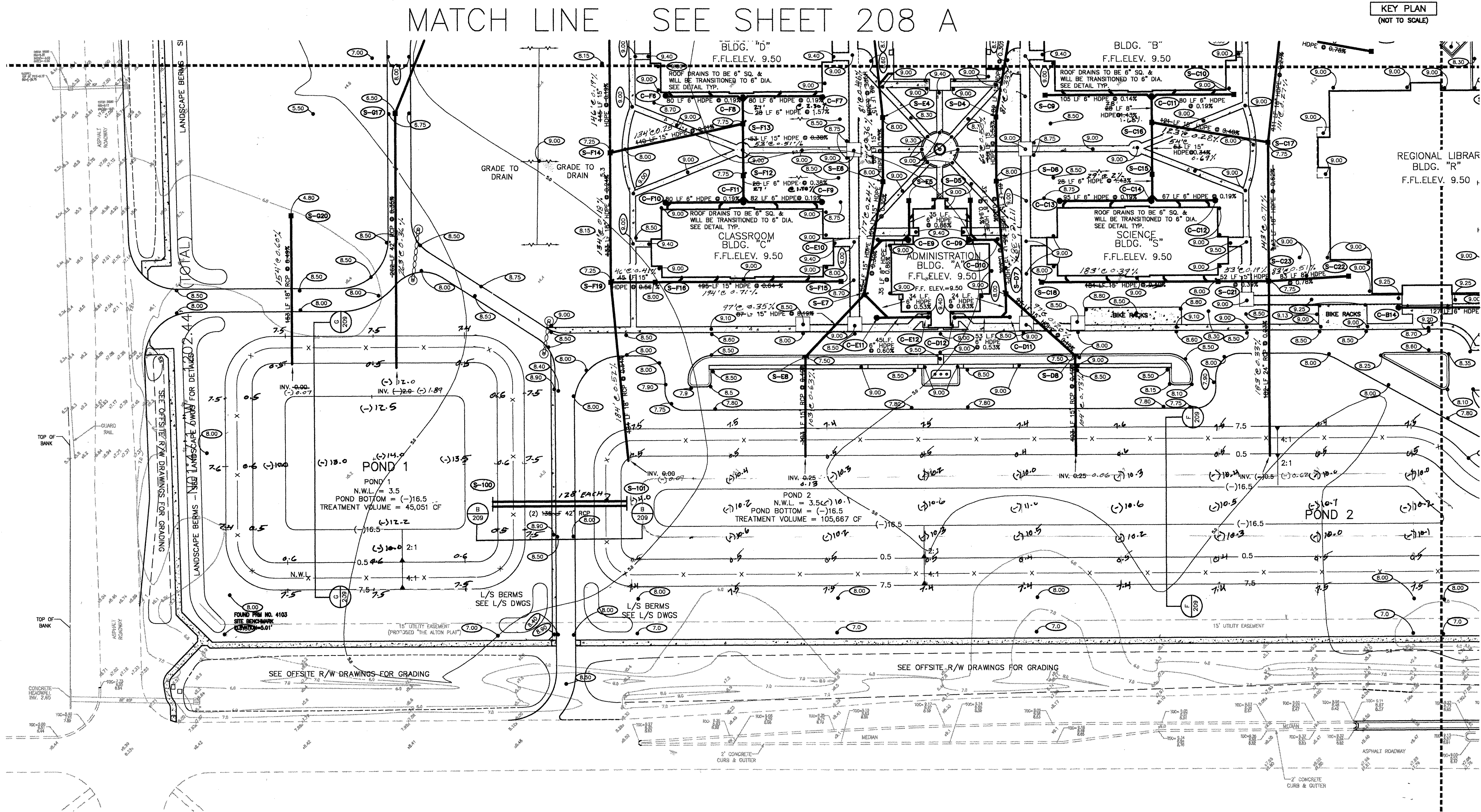
GRADING
&
DRAINAGE
PLAN
AREA "B"

208B
SHEET NUMBER

- NOTES:
- ELEVATIONS SHOWN HEREIN ARE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 AND SAID ELEVATIONS ARE BASED ON BENCHMARKS SUPPLIED BY THE BROWARD COUNTY ENGINEERING DEPARTMENT BENCHMARK NO. 2322. BENCHMARK ELEVATION=6.903'
 - SEE SHEET 208E FOR STORM DRAINAGE STRUCTURE TABLE



KEY PLAN
(NOT TO SCALE)



MATCH LINE SEE SHEET 208 D

Attachment L

SCALE: 1" = 50'

RECORD DRAWING

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 RIVERSIDE AVENUE • JACKSONVILLE, FLORIDA 32202 • 904/791-4500
FAX: 904/791-4500

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 RIVERSIDE AVENUE • JACKSONVILLE, FLORIDA 32202 • 904/791-4500
FAX: 904/791-4500

THE CITY OF PEMBROKE PINES
ACADEMIC VILLAGE
PEMBROKE PINES, FLORIDA

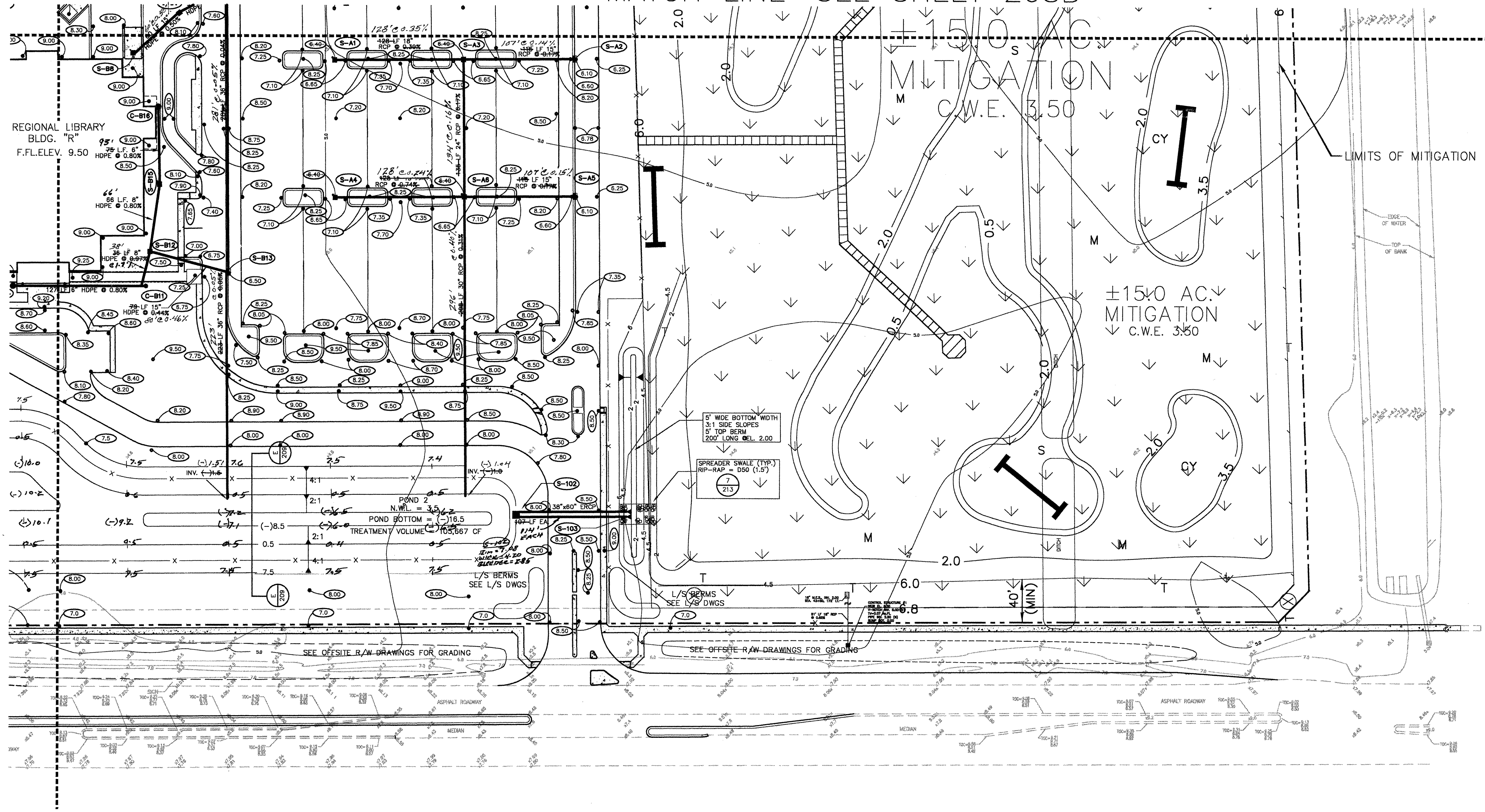
02-07-00	CIVIL ADD NO. 1
11-17-99	F.O. #40
06-28-99	CONST. ISSUE
06-09-99	REV. SFMD
04-19-99	PH.3 PKG.1
04-07-99	REV.SBDD ISSUE
04-06-99	REV.SFMD ISSUE
04-02-99	REV.PMT.ISSUE
03-03-99	CITY PMT. ISSUE
02-28-99	SBDD PMT.ISSUE
02-10-99	SFMD PMT.ISSUE

DATE: 02-10-99
ISSUE/REVISION: PMT.ISSUE
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DRAWN BY: LAB
CHECKED BY: BJE

AE JOB NUMBER
40499201
GRADING & DRAINAGE PLAN
AREA 'C'
208C
SHEET NUMBER

MATCH LINE SEE SHEET 208C



Attachment L

SCALE: 1" = 50'

RECORD DRAWING

BETTY R. HESTON, P.E.
CIVIL ENGINEER

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 WINDSIDE AVENUE • JACKSONVILLE, FLORIDA 32202 • 904/791-4500
EMAIL: WENMASTER@HASKELL.COM

THE CITY OF PEMBERKE PINES
ACADEMIC VILLAGE
PEMBERKE PINES, FLORIDA

02-07-00	CIVIL ADD NO. 1
11-17-99	F.O. #40
06-28-99	CONST. ISSUE
06-09-99	REV. SFWD
04-19-99	PH.3 PKG.1
04-07-99	REV.SBDD ISSUE
04-06-99	REV.SFWD ISSUE
04-02-99	REV.PMT.ISSUE
03-03-99	CITY PMT. ISSUE
02-16-99	SBDD PMT.ISSUE
02-10-99	SFWD PMT.ISSUE

DATE ISSUE/REVISION

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DRAWN BY: SLS CHECKED BY: BJE

AC JOB NUMBER 40499201

GRADING & DRAINAGE PLAN
AREA "D"

208D
SHEET NUMBER

STORM DRAINAGE STRUCTURE TABLE									
S-N	DESCRIPTION OR TYPE	TOP EL. (GRATE EL.)	INVERTS				DETAIL		
			N	S	E	W			
S-A1	TYPE 'E' INLET	6.36 6.40			2.36		2	/	212
S-A2	CURB INLET	5.99 6.10				2.37	3	/	212
S-A3	TYPE 'E' INLET	6.31 6.40		1.87	2.22	1.91	2	/	212
S-A4	TYPE 'E' INLET	6.32 6.40			2.44		2	/	212
S-A5	CURB INLET	5.96 6.10				2.41	3	/	212
S-A6	TYPE 'E' INLET	6.25 6.40	1.65	0.15	2.25	2.13	2	/	212
C-B1	CLEANOUT	8.75			6.17		5	/	212
S-B2	24" CONC DRAIN	7.60 7.50			3.02	3.72	9	/	213
S-B3	TYPE 'C' INLET	7.33 7.35		3.49			1	/	212
S-B4	TYPE 'C' INLET	7.31 7.25	2.78		2.77	2.78	1	/	212
S-B5	TYPE 'C' INLET	7.25 7.25			3.77		1	/	212
S-B6	TYPE 'C' INLET	6.95 7.00			3.20	3.22	1	/	212
S-B7	TYPE 'E' INLET	6.99 7.00	2.25	2.04		2.74	2	/	212
S-B8	TYPE "C" INLET	7.27 7.50			4.25		1	/	212
S-B9	24" YARD DRAIN	7.45 7.25			3.30	3.95	8	/	213
S-B10	CURB INLET	7.02 7.00	1.87	1.55		2.90	3	/	212
C-B11	CLEANOUT	8.75			4.53		5	/	212
S-B12	24" YARD DRAIN	7.20 7.25	3.67	3.85	3.54		8	/	213
S-B13	CURB INLET	6.50 6.50	1.41	(-)1.37		3.17	3	/	212
C-B14	CLEANOUT	8.00					5	/	212
S-B15	24" YARD DRAIN	6.96 7.00	4.23	3.90			8	/	213
C-B16	CLEANOUT	9.0		5.15			5	/	212
C-C1	CLEANOUT	9.25		7.97			5	/	212
C-C2	CLEANOUT	9.25			4.88		5	/	
C-C3	CLEANOUT	8.75			7.12		5	/	212
C-C4	CLEANOUT	8.75				5.90	5	/	212
C-C5	CLEANOUT	9.40	4.82				5	/	212
S-C6	TYPE 'C' INLET	7.44 7.50		4.24	3.35	4.25	1	/	212
S-C7	24" YARD DRAIN	6.96 7.00			4.92		8	/	212
S-C8	TYPE 'C' INLET	7.43 7.50		3.20	4.22	3.18	1	/	212
S-C9	CLEANOUT	7.75			7.60		8	/	212
S-C10	CLEANOUT	7.75			6.14		8	/	212
C-C11	CLEANOUT	8.75		4.91			5	/	212
C-C12	CLEANOUT	8.75			6.21		5	/	212
C-C13	CLEANOUT	8.75			7.57		5	/	212
C-C14	CLEANOUT	8.75	4.80				5	/	212
S-C15	24" YARD DRAIN	7.60 7.75	3.82	4.22			8	/	213
S-C16	24" YARD DRAIN	7.76 7.75	4.44	3.45	3.54		8	/	213
S-C17	TYPE 'C' INLET	7.76 7.75	2.88	1.01		3.20	1	/	212
S-C18	24" YARD DRAIN	7.99 8.00			3.97		8	/	213
S-C21	24" YARD DRAIN	7.02 8.00			3.21	3.25	8	/	213
S-C22	24" YARD DRAIN	7.77 7.75			5.57		8	/	212
S-C23	TYPE 'C' INLET	7.70 7.75	0.00	(-)0.02	4.95	3.11	1	/	212
C-D1	CLEANOUT	8.75		5.22			5	/	212
C-D2	CLEANOUT	8.75				5.10	5	/	212
S-D3	24" YARD DRAIN	8.05 8.00	4.54	4.52			8	/	213
S-D4	24" YARD DRAIN	7.35 8.00	4.25	4.25			8	/	213
S-D5	24" YARD DRAIN	8.34 8.00		4.62			5	/	212
S-D6	24" YARD DRAIN	8.02 8.00	3.92	3.92			8	/	213
S-D7	TYPE 'C' INLET	7.92 8.00	3.47	3.70	3.24		1	/	212
S-D8	CURB INLET	7.55 7.50	3.05	0.82			3	/	212
C-D9	CLEANOUT	9.00			4.37		5	/	212
C-D10	CLEANOUT	8.75					5	/	212
C-D11	CLEANOUT	9.00			6.53		5	/	212
C-D12	CLEANOUT	9.00					5	/	212
C-E1	CLEANOUT	8.75			5.24		5	/	212
C-E2	CLEANOUT	8.75		5.42			5	/	212
S-E3	24" YARD DRAIN	7.32 8.00	4.83	4.59			8	/	213
S-E4	24" YARD DRAIN	8.27 8.00	4.22	4.17			8	/	213
S-E5	24" YARD DRAIN	8.26 8.00		4.46			5	/	212
S-E6	24" YARD DRAIN	8.03 8.00	3.93	3.93			8	/	213
S-E7	TYPE 'C' INLET	8.06 8.00	3.65	3.38	3.45		1	/	212
S-E8	CURB INLET	7.68 7.50	3.04	0.78			3	/	212
C-E9	CLEANOUT	9.00			4.68		5	/	212
C-E10	CLEANOUT	8.75					5	/	212
C-E11	CLEANOUT	8.75			4.25		5	/	212
C-E12	CLEANOUT	9.00					5	/	212

STORM DRAINAGE STRUCTURE TABLE									
S-N	DESCRIPTION OR TYPE	TOP EL. (GRATE EL.)	INVERTS				DETAIL		
			N	S	E	W			
S-F4	24" YARD DRAIN	7.40 7.25				3.92	8	/	213
S-F5	TYPE 'C' INLET	7.41 7.25		3.51	3.53		1	/	212
C-F6	CLEANOUT	8.75					5	/	212
C-F7	CLEANOUT	8.75					5	/	212
C-F8	CLEANOUT	8.75			4.98		5	/	212
C-F9	CLEANOUT	8.75					5	/	212
C-F10	CLEANOUT	8.75					5	/	212
C-F11	CLEANOUT	8.75	5.10				5	/	212
S-F12	24" YARD DRAIN	7.86 7.75	4.08	4.64			8	/	213
S-F13	24" YARD DRAIN	7.76 7.75	4.36	3.81		3.81	8	/	213
S-F14	TYPE 'C' INLET	7.24 7.25	3.22	3.22	3.47		1	/	212
S-F15	24" YARD DRAIN	8.11 8.00				4.06	8	/	213
S-F16	24" YARD DRAIN	7.98 8.00			2.68	2.68	8	/	213
S-F19	TYPE 'C' INLET	7.25 7.25	2.98	0.87	2.49		1	/	212
S-G1	TYPE 'E' INLET	6.30 6.25		1.12			2	/	212
S-G2	TYPE 'E' INLET	6.30 6.25	0.59	0.53			2	/	212
S-G3	TYPE 'E' INLET	6.25 6.25		1.02	1.29		2	/	212
S-G3A	24" YARD DRAIN	7.39 7.25				1.90	8	/	213
S-G4	24" YARD DRAIN	7.22 7.25				1.47	8	/	213
S-G5	24" YARD DRAIN	6.72 7.45			1.17	1.12	8	/	213
S-G6	TYPE 'E' INLET	6.25 6.25	0.82	0.79	0.81		2	/	212
S-G7	CURB INLET	6.02 6.00	0.67	0.67			3	/	212
S-G8	CURB INLET	7.32 7.30			3.02	3.00	3	/	212
C-G9	CLEANOUT	8.74 8.75	3.89				5	/	212
C-G10	CLEANOUT	8.75					5	/	212
C-G11	CLEANOUT	8.75					5	/	212
C-G12	CLEANOUT	8.51 8.75		4.51			5	/	212
C-G12A	CLEANOUT	8.75	4.51				5	/	212
C-G13	CLEANOUT	8.75			3.02		5	/	212
S-G14	CURB INLET	6.00 6.00	2.09				3	/	212
S-G15	TYPE 'E' INLET	6.38 6.25		1.96	2.06	1.71	2	/	212
S-G16	TYPE 'E' (MOD.)	6.47 6.25	0.37	0.34	1.41	0.41	2	/	212
S-G17	TYPE 'E' INLET	6.52 6.50	0.02	(-)0.94			2	/	212
S-G20	TYPE 'E' INLET	5.00 4.80		0.85			2	/	212
S-100	HEADWALL	4.50 N/A			(-)1.10		2	/	213
S-101	ENDWALL	4.57 N/A				(-)1.08	2	/	213
S-102	DBL H INLET (MOD)	7.08 N/A	2.24	2.22			2	/	213
S-103	FLARED END SECT.	N/A	2.23	2.24			4	/	212
S-104	TYPE "C" INLET	5.44 5.50	3.50				1	/	212
S-105	ENDWALL	6.47 N/A		3.01			2	/	213
S-106	TYPE "C" INLET	5.47 5.50	2.57				1	/	212
S-106A	ENDWALL	6.35 N/A		2.87			2	/	213
S-108	TYPE "H"	5.59 5.50			(-)3.03		10	/	212
S-109	ENDWALL				(-)3.01		2	/	213

STORM DRAINAGE:

A. GENERAL:

1. DISTANCES AND LENGTHS SHOWN ON THE PLANS AND AREA REFERENCED TO THE CENTER OF STRUCTURES.

B. MATERIALS

1. REINFORCED CONCRETE PIPE (R.C.P.) SHALL MEET THE REQUIREMENTS OF ASTM C-76, LATEST REVISION. RUBBER GASKETS OR OTHER MANUFACTURER SUPPLIED JOINT SEALER SHALL BE USED.

2. HOPE PIPE (HIGH DENSITY POLYETHYLENE PIPE) AND FITTINGS SHALL BE DUAL WALL, SMOOTH INTERIOR AND MEET THE REQUIREMENTS OF ASTM F-810, LATEST REVISION.

3. ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE AS MANUFACTURED BY U.S. PRECAST CORPORATION. BLOCK CATCH BASINS WILL BE ALLOWED ONLY WITH APPROVAL OF THE ENGINEER. THE MINIMUM WALL AND SLAB THICKNESS SHALL BE 8 INCHES AND THE MINIMUM REINFORCING SHALL BE NO. 4 BARS AT 12 INCHES EACH WAY UNLESS OTHERWISE INDICATED. CONCRETE SHALL BE MINIMUM OF $f_c = 3750$ PSI AT 28 DAYS.

C. INSTALLATION

1. PIPE SHALL BE PLACED ON A MINIMUM OF 8" STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION AND OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO A UNIFORM GRADE AND LINE.

2. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL, WELL TAMPED IN LAYERS NOT TO EXCEED 6 INCHES TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS.

3. PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.

4. THE CONTRACTOR SHALL NOTIFY THE SOUTH BROWARD DRAINAGE DISTRICT AT LEAST 24 HOURS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.

PAVING

A. GENERAL:

1. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.

2. ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION, SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.

3. WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT.

4. ALL MATERIALS AND CONSTRUCTION WITHIN THE D.O.T. R/W SHALL CONFORM TO THE D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS 1994" AND THE "STANDARD SPECIFICATIONS 1991."

B. MATERIALS:

1. ASPHALT SURFACES SHALL BE TYPE S-111 MODIFIED ASPHALTIC CONCRETE, UNLESS OTHERWISE SPECIFIED ON THE PLANS, AND SHALL BE A MINIMUM OF 1-1/2" THICK.

2. REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS 1 CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI.

C. INSTALLATION:

1. SUBGRADE FOR ROADWAY SHALL BE COMPACTED TO A MINIMUM OF 95 % OF THE MAXIMUM DENSITY (AASHTO T-180), TO A MIN. 12" AND SHALL HAVE A MINIMUM LBR 40.

2. BASE COURSE MATERIAL FOR PAVED AREAS SHALL BE A MINIMUM THICKNESS OF 6" PLACED IN ONE LIFT. BASE COURSE MATERIAL SHALL HAVE A MINIMUM LBR 100, UNLESS OTHERWISE INDICATED.

3. BASE COURSE SHALL BE COMPACTED TO 98 % OF THE MAXIMUM DENSITY AS PER AASHTO T-180.

4. INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE D.O.T. STANDARD SPECIFICATIONS FOR TYPE S-111 MODIFIED ASPHALTIC CONCRETE OR THE LATEST REVISION FOR THE APPROVED BROWARD COUNTY MIX.

D. TESTING

1. THE FINISHED SURFACE OF THE BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 0.05 FEET IN PAVED AREAS AND NOT MORE THAN 0.10 FEET IN NON PAVED AREAS. ANY DISCREPANCIES SHALL BE CORRECTED.

2. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY CERTIFIED BY THE STATE OF FLORIDA, WHERE DIRECTED BY THE ENGINEER.

3. ALL TESTING COSTS (PAVING) SHALL BE PAID FOR BY THE OWNER EXCEPT THOSE TESTS FAILING TO MEET THE SPECIFIED REQUIREMENTS WHICH ARE TO BE PAID BY THE CONTRACTOR.

4. DENSITY TESTS ON THE STABILIZED SUBGRADE SHALL BE SUPPLIED TO THE ENGINEER OF RECORD AND THE CITY OF PEMBROKE PINES, AND APPROVED BEFORE ANY LIMEROCK BASE IS CONSTRUCTED.

5. DENSITY TESTS AND AS-BUILTS ON THE FINISHED LIMEROCK BASE SHALL BE SUPPLIED TO BROWARD COUNTY AND THE CITY OF PEMBROKE PINES, AND APPROVED BEFORE ANY ASPHALT PAVEMENT IF CONSTRUCTED.

XII. PAVEMENT MARKING AND SIGNAGE

1. ALL PAVEMENT MARKINGS TO CONFORM TO BROWARD COUNTY TRAFFIC ENGINEER STANDARDS, MUTCD, AND THE CITY OF PEMBROKE PINES.

2. ALL PAVEMENT MARKINGS TO BE THERMOPLASTIC UNLESS OTHERWISE NOTED.

3. ALL SIGNAGE TO BE HIGH INTENSITY.

DREW: R. HESTON, P.E.
CIVIL ENGINEER

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 RIVERSIDE AVENUE • JACKSONVILLE, FLORIDA 32206 • 904/781-4500
FAX: 904/781-4500
EMAIL: VERN@HASKELLCO.COM

THE CITY OF PEMBROKE PINES
ACADEMIC VILLAGE
PEMBROKE PINES, FLORIDA

02-07-00	CIVIL ADD NO. 1
11-17-99	F.O. #40
06-28-99	CONST. ISSUE
06-09-99	REV. SFWM
04-19-99	PH.3 PKG.1
04-07-99	REV.SSDO ISSUE
04-06-99	REV.SFWM ISSUE
04-02-99	REV.PMT.ISSUE
03-03-99	CITY PMT. ISSUE
02-16-99	SBD0 PMT. ISSUE
02-10-99	SFWM PMT.ISSUE
DATE	ISSUE/REVISION

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CHECKED BY: BJE

AE JOB NUMBER
40499201

DRAINAGE
STRUCTURE
TABLE
&
NOTES

991216001

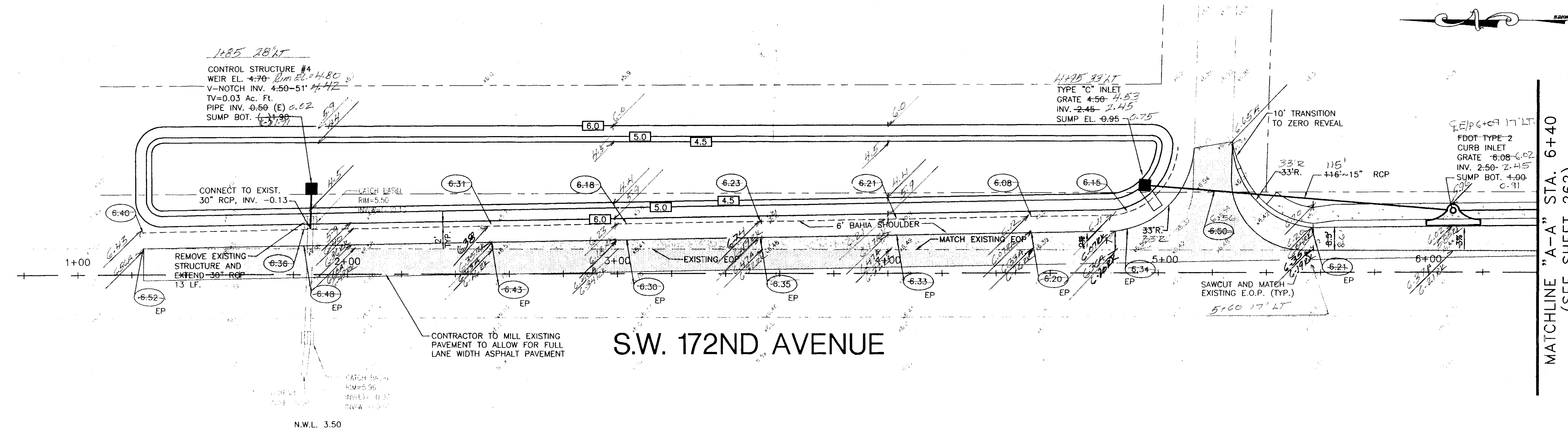
Kimley-Horn
and Associates, Inc.
87th PERIMETER PARK BLVD. SUITE 4
JACKSONVILLE, FLORIDA 32216
(904) 998-2084
KHA JOB No. 044229.03
FILE NAME: PP1-9

WILLIAM E. SCHAFER, P.E.
CIVIL ENGINEER

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 RIVERSIDE AVENUE • JACKSONVILLE, FLORIDA 32202 • 904/791-4500
EMAIL: THEHASKELL@THEHASKELL.COM

THE CITY OF PEMBROKE PINES
ACADEMIC VILLAGE
PEMBROKE PINES, FLORIDA

4/12/00	Revised Driveway
2/14/00	Construction Set
2/9/00	COUNTY ENG. REV.
2/00	CITY ENG. REV.
1/00	COUNTY
4/2/99	REV. PERMIT
3/29/99	PER COMMENTS
2/26/99	CITY
2/4/99	RECORD DRAWING
ISSUE/REVISION	
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DRAWN BY:	CHECKED BY:
DnB	WES
AE JOB NUMBER 40499201	
OFFSITE ROADWAY & DRAINAGE IMPROVEMENTS	
261 SHEET NUMBER	



PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

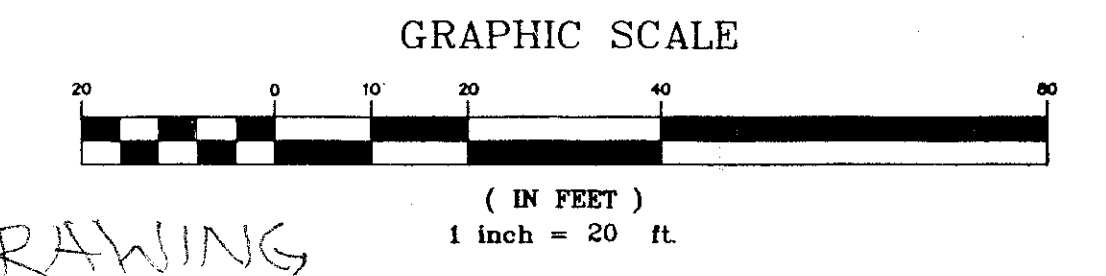
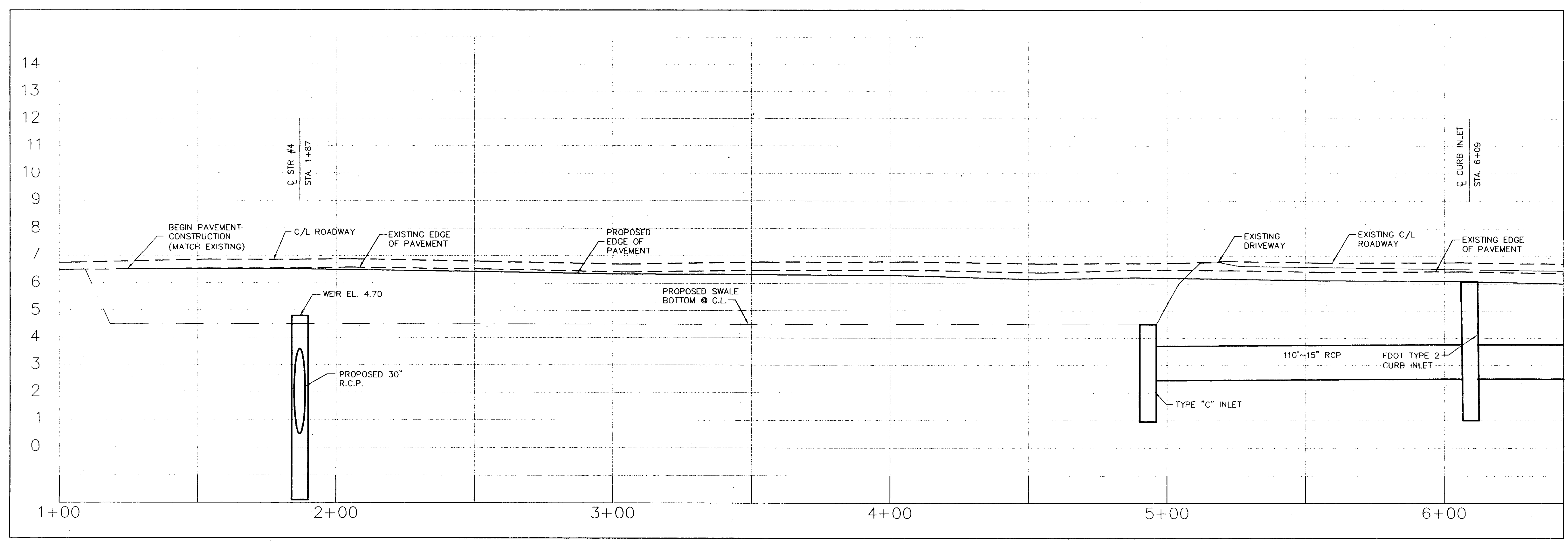
MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY

- LIMITS OF MILLING
- NEW PAVEMENT
- NEW MEDIAN

NOTE: ALL DISTURBED AREAS DURING CONSTRUCTION SHALL BE SEEDED AND MULCHED PER FDOT STANDARDS.



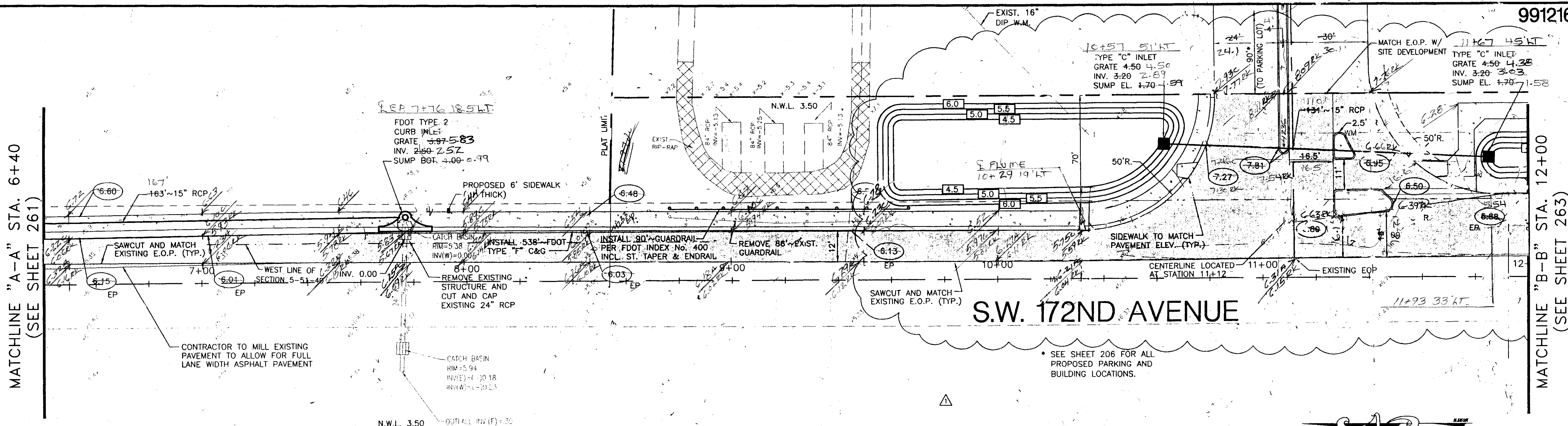
Attachment L

RECORD DRAWING

P:\PEMBROKE\HIGH_SCHOOL_CAD\PP1-9.DWG Thu Apr 13 15:36:46 2000

P:\Pembroke\HIGH_SCHOOL\CAD\PP-3.dwg Non May 08 15:11:34 2003

MATCHLINE "A-A" STA. 6+40
(SEE SHEET 261)



MATCHLINE "B-B" STA. 12+00
(SEE SHEET 263)

PERMIT SET
MUST BE ON SITE AT ALL
TIMES DURING CONSTRUCTION

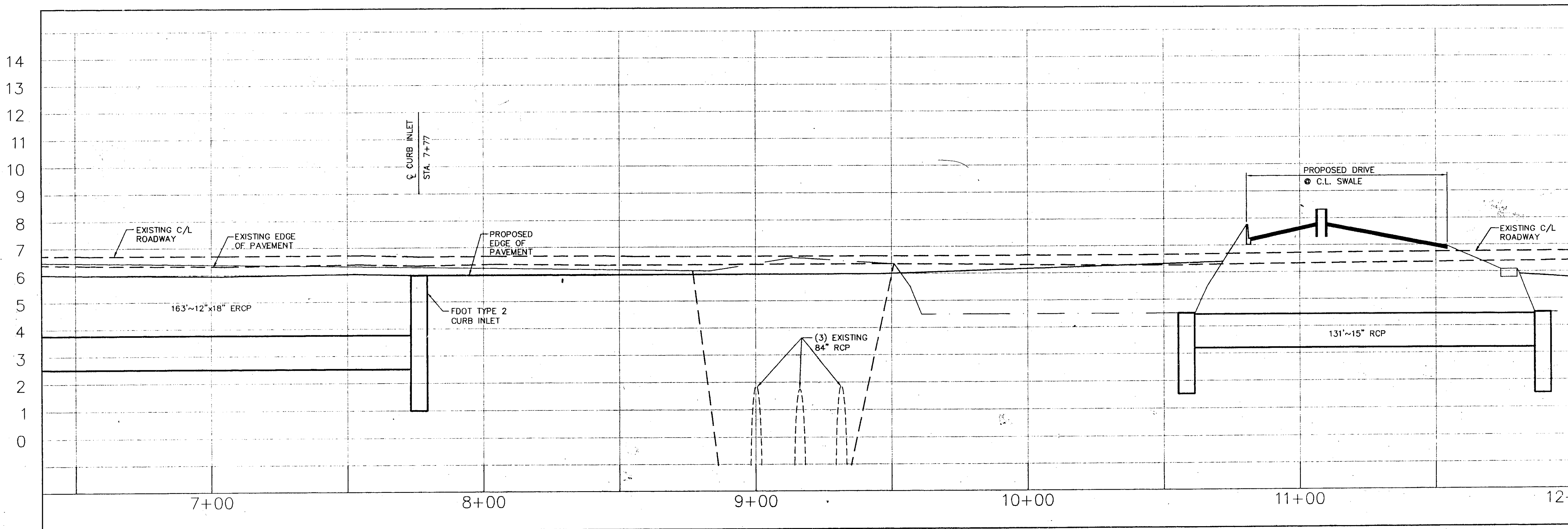
MATERIAL
ALL MATERIAL USED AND INSTALLATIONS
MADE WITHIN THE PUBLIC RIGHT-OF-WAY
OR EASEMENTS SHALL BE IN ACCORDANCE
WITH BROWARD COUNTY ENGINEERING
DIVISION "MINIMUM STANDARDS"

**NOTICE
INSPECTION REQUIRED**
24 HRS. PRIOR TO COMMENCING ANY WORK
IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE
BROWARD COUNTY ENGINEERING DIVISION AT
(954) 357-6233 FOR INSPECTION

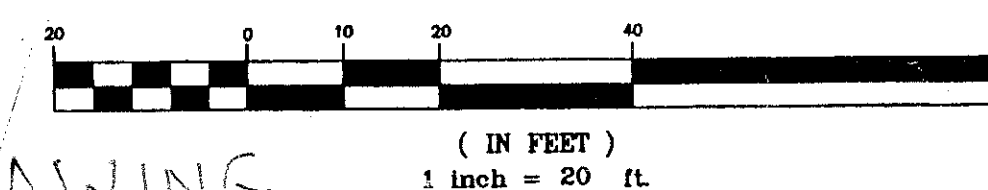
NOTE
APPROVAL OF THIS PLAN DOES NOT
CONSTITUTE A PERMIT FOR CONSTRUCTION.
A PERMIT FOR CONSTRUCTION MUST BE
OBTAINED FROM THE BROWARD COUNTY
ENGINEERING DIVISION PRIOR TO COMMENCING
CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY

LIMITS OF MILLING
NEW PAVEMENT
NEW MEDIAN

NOTE: ALL DISTURBED AREAS DURING
CONSTRUCTION SHALL BE
SEEDED AND MULCHED
PER FDOT STANDARDS.



GRAPHIC SCALE



Attachment L

RECORD DRAWING

262

SHEET NUMBER

991216001

**Kimley-Horn
and Associates, Inc.**
8711 PERIMETER PARK BLVD, SUITE 4
JACKSONVILLE, FLORIDA 32216
(904) 988-2084
KHA JOB No. 044229.03

FILE NAME: PP1-9

WILLIAM E. SCHMIDT, P.E.
CIVIL ENGINEER

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 BAYVIEW AVENUE • JACKSONVILLE, FLORIDA 32202 • 904/791-6000
EMAIL: THEHASKELLCOMPANY@GMAIL.COM

THE CITY OF PEMBROKE PINES
ACADEMIC VILLAGE
PEMBROKE PINES, FLORIDA

4/12/00 Revised Drawings
2/14/00 Construction Set
2/9/00 COUNTY ENG. REV.
2/00 CITY ENG. REV.
1/00 COUNTY
4/2/99 REV. PERMIT
3/29/99 PER COMMENTS
2/26/99 CITY
2/4/99 RECORD DRAWING

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written permission and
consent.

DRAWN BY: DnB
CHECKED BY: WES

AC JOB NUMBER
40499201

OFFSITE
ROADWAY
&
DRAINAGE
IMPROVEMENTS

262
SHEET NUMBER

Knley-Horn and Associates, Inc.
87th PERIMETER PARK BLVD. SUITE 4
JACKSONVILLE, FLORIDA 32218
(904) 988-2084
KHA JOB NO. 044229.03
FILE NAME: PP1-9

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 INTRUDER AVENUE • JACKSONVILLE, FLORIDA 32208 • 904/791-4800
EMAIL: VERMILION@THEHASKELLCO.COM

THE CITY OF PEMBROKE PINES
ACADEMIC VILLAGE
PEMBROKE PINES, FLORIDA

4/12/00	Review: Driveway
2/14/00	Construction Set
1/00	COUNTY
4/2/99	REV. PERMIT
3/29/99	PER COMMENTS
2/26/99	CITY
2/4/99	RECORD DRAWING
1/99	ISSUE/REVISION

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DRAWN BY: DnB
CHECKED BY: WES
AE JOB NUMBER: 40499291

OFFSITE ROADWAY & DRAINAGE IMPROVEMENTS
263
SHEET NUMBER

MATCHLINE "B-B" STA. 12+00
(SEE SHEET 262)

MATCHLINE "C-C" STA. 17+60
(SEE SHEET 264)

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

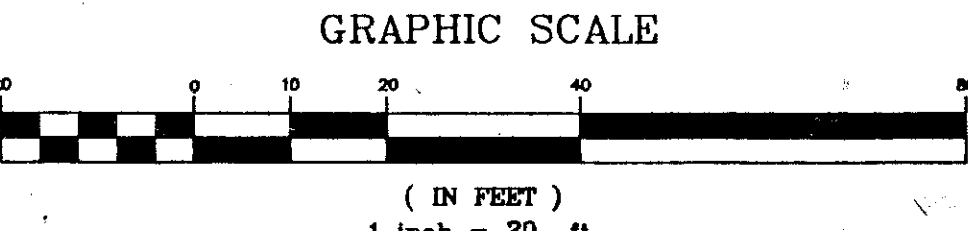
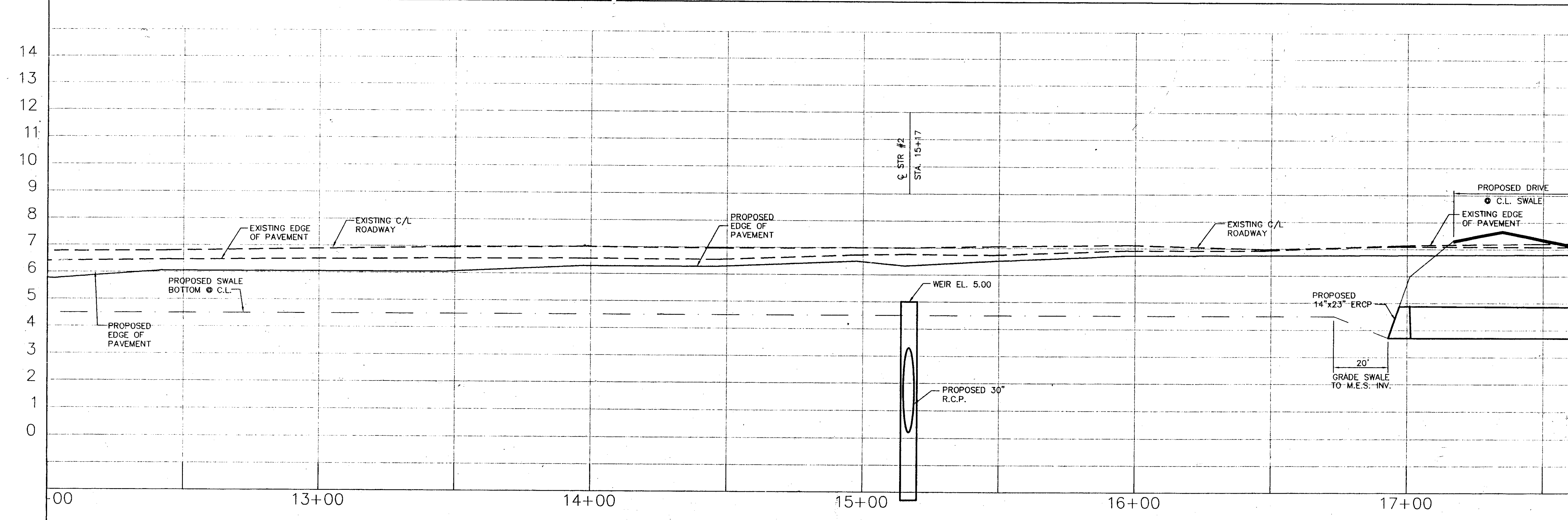
MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY

- LIMITS OF MILLING
- NEW PAVEMENT
- NEW MEDIAN

NOTE: ALL DISTURBED AREAS DURING CONSTRUCTION SHALL BE SEEDED AND MULCHED PER FOOT STANDARDS.



Attachment L

RECORD DRAWING

991216001

Kimley-Horn and Associates, Inc.
8771 PERIMETER PARK BLVD. SUITE 4
JACKSONVILLE, FLORIDA 32216
(904) 988-2084
KHA JOB No. 044229.03 FILE NAME: PP1-9

WILLIAM E. SCHAEFER, P.E.
CIVIL ENGINEER

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 RIVERSIDE AVENUE • JACKSONVILLE, FLORIDA 32202 • 904/791-4600
EMAIL: WES@HASKELLCO.COM

THE CITY OF PEMBROKE PINES
ACADEMIC VILLAGE
PEMBROKE PINES, FLORIDA

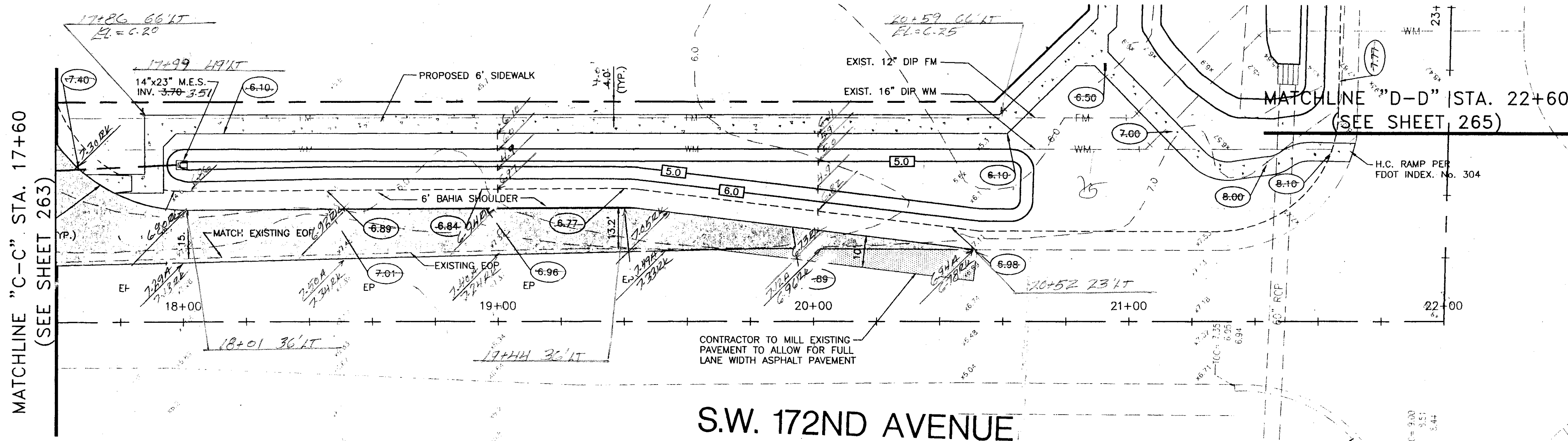
4/12/00	Revised Driveway
2/14/00	Construction Set
1/00	COUNTY
4/2/99	REV. PERMIT
3/29/99	PER COMMENTS
2/26/99	CITY
2/4/99	RECORD DRAWING
	ISSUE/REVISION

We hereby expressly reserve the property rights to this drawing and it is not to be reproduced, copied in any format or manner whatsoever without first obtaining our express written permission and consent.

DRAWN BY: DnB CHECKED BY: WES
PROJECT NUMBER: 40499201

OFFSITE ROADWAY & DRAINAGE IMPROVEMENTS

264
SHEET NUMBER



S.W. 172ND AVENUE

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

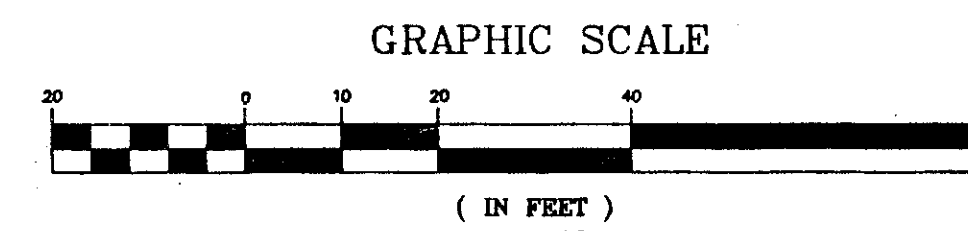
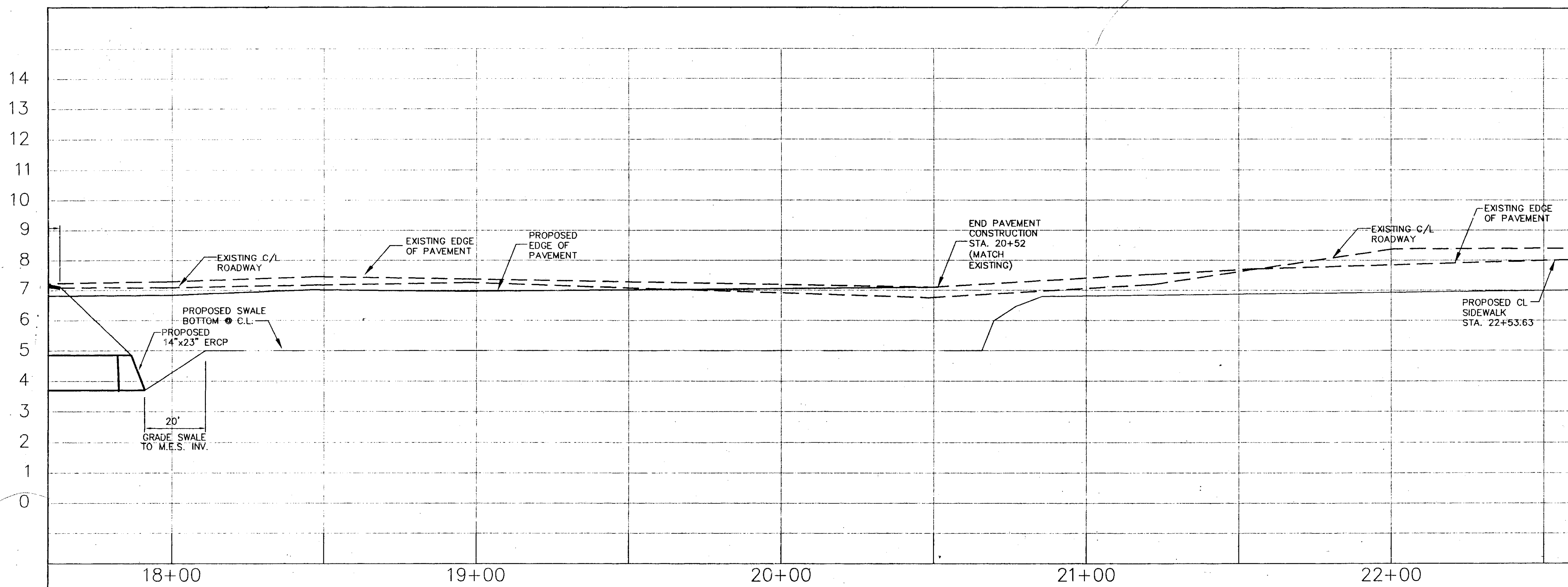
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LIMITS OF MILLING
NEW PAVEMENT
NEW MEDIAN

NOTE: ALL DISTURBED AREAS DURING CONSTRUCTION SHALL BE SEEDED AND MULCHED PER FDOT STANDARDS.



Attachment L

RECORD DRAWING

991216001

Kinley-Horn and Associates, Inc.
8711 PERIMETER PARK BLVD. SUITE 4
JACKSONVILLE, FLORIDA 32216
(904) 998-2084
KHA JOB NO. 044229.03
FILE NAME: PP1-9

THE HASKELL COMPANY
ARCHITECTS • ENGINEERS • CONTRACTORS
111 LYNDSIDE AVENUE • JACKSONVILLE, FLORIDA 32202 • 904/791-4600
FAX: 904/791-4600
EMAIL: THEHASKELL@THEHASKELLCO.COM

THE CITY OF PEMBROKE PINES
ACADEMIC VILLAGE
PEMBROKE PINES, FLORIDA

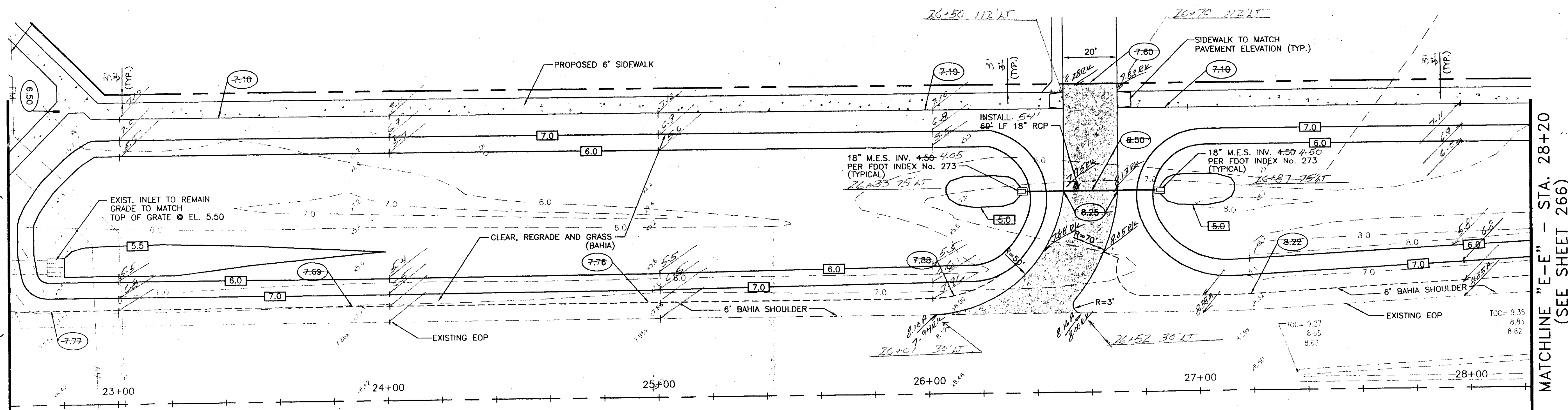
4/12/00	Revised Driveway
2/14/00	Construction Set
1/00	COUNTY
4/2/99	REV. PERMIT
3/28/99	PER COMMENTS
2/26/99	CITY
2/4/99	RECORD DRAWING
	ISSUE/REVISION

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DRAWN BY: DnB
CHECKED BY: WES
40499201

OFFSITE
ROADWAY
&
DRAINAGE
IMPROVEMENTS
265
SHEET NUMBER

MATCHLINE "D-D" - STA. 22+60
(SEE SHEET 264)



MATCHLINE "E-E" - STA. 28+20
(SEE SHEET 266)

SHERIDAN STREET

PERMIT SET

MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL

ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE OF INSPECTION REQUIRED

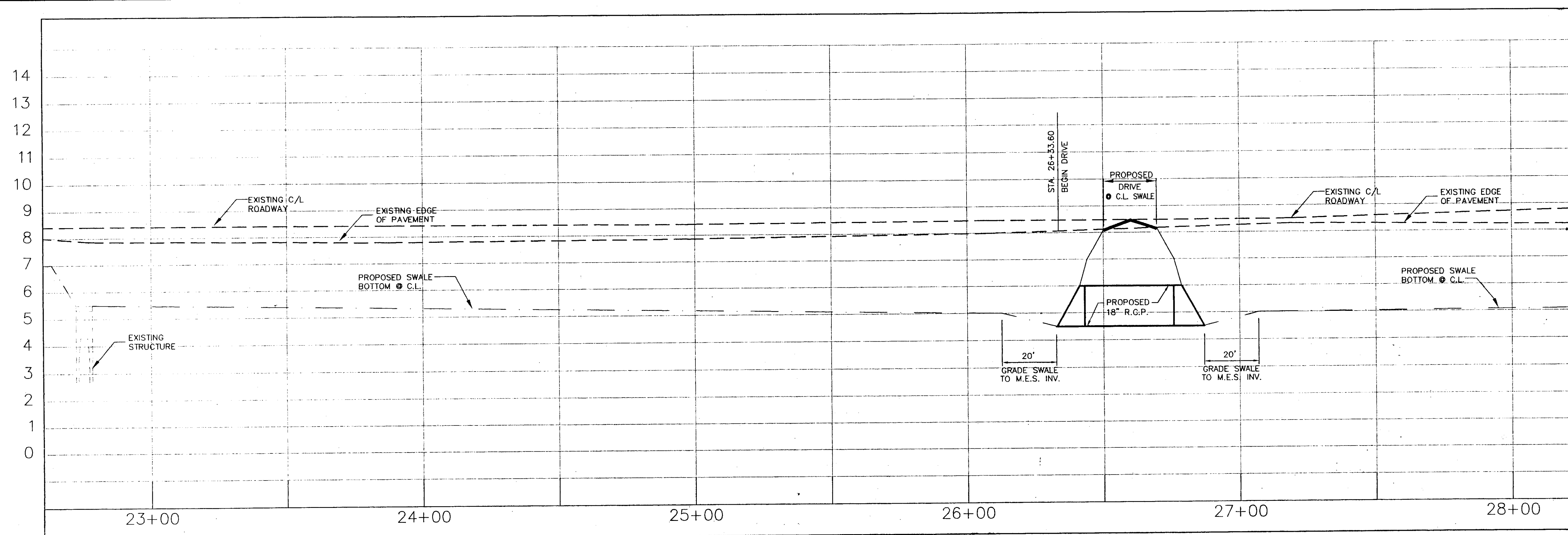
24 HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE

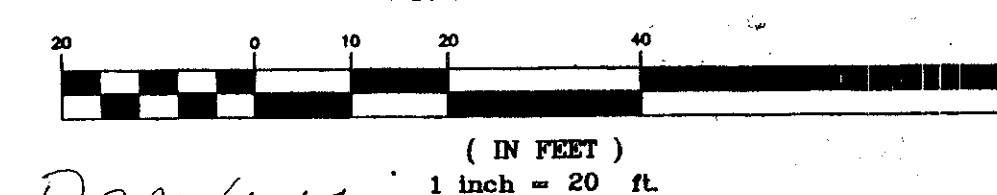
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY

NEW PAVEMENT
NEW MEDIAN

NOTE: ALL DISTURBED AREAS DURING CONSTRUCTION SHALL BE SEEDED AND MULCHED PER FDOT STANDARDS.



GRAPHIC SCALE



Attachment L

RECORD DRAWING

Utilities Billing System

Date: 4/09/2019 Page 1

CONSUMPTION HISTORY REPORT
(FROM 1/01/2010)

===== Customer Information =====

Customer Number : 03-302-07038-0011
 Customer Name : CITY OF PEMBROKE PINES
 Additional Info : ACADEMIC VILL-POOL Deposit On-Hand: 0.00
 Mail Address : 601 CITY CENTER WAY
 Mail City : PEMBROKE PINES State: FL Zip : 99999
 Mail Country : USA Drivers Lic/FID: Not available
 Contact : CITY OF PEMBROKE PIN Phone Number : Not available
 Customer Class : CITY ACCOUNTS Amount Due : 0.00
 Acct Start Date : 5/22/2000 Unposted Cash : 0.00
 Acct End Date :
 Last Bill Date : 3/07/2019
 Bill Due Date : 4/04/2019

===== Service Address Information =====

Service Address : 17099 SHERIDAN ST-POOL
 City : PEMBROKE PINES
 State : FL Zip : 33028

===== Consumption History =====

sq	Read-Date	Prv-Read	Cur-Read	Cnsmptn	xcess	Ave-Con	Read-Type	Updated
1	1/12/2010	22551	23032	481	0	0	MANUAL READ	1/14/2010
1	2/09/2010	23032	23222	190	0	0	MANUAL READ	2/16/2010
1	3/10/2010	23222	23392	170	0	0	MANUAL READ	3/15/2010
1	4/13/2010	23392	23502	110	0	0	MANUAL READ	4/15/2010
1	5/11/2010	23502	23582	80	0	0	MANUAL READ	5/13/2010
1	6/10/2010	23582	23669	87	0	0	MANUAL READ	6/15/2010
1	7/13/2010	23669	23758	89	0	0	MANUAL READ	7/15/2010
1	8/11/2010	23758	23866	108	0	0	MANUAL READ	8/16/2010
1	9/13/2010	23866	23904	38	0	0	MANUAL READ	9/16/2010
1	10/12/2010	23904	23975	71	0	0	MANUAL READ	10/14/2010
1	11/09/2010	23975	24019	44	0	0	MANUAL READ	11/15/2010
1	12/14/2010	24019	24136	117	0	0	MANUAL READ	12/15/2010
1	1/12/2011	24136	24225	89	0	0	MANUAL READ	1/18/2011
1	2/10/2011	24225	24335	110	0	0	MANUAL READ	2/15/2011
1	3/10/2011	24335	24426	91	0	0	MANUAL READ	3/15/2011
1	4/12/2011	24426	24505	79	0	0	MANUAL READ	4/14/2011
1	5/11/2011	24505	24560	55	0	0	MANUAL READ	5/16/2011
1	6/13/2011	24560	24661	101	0	0	MANUAL READ	6/15/2011
1	7/11/2011	24661	24691	30	0	0	MANUAL READ	7/14/2011
1	8/10/2011	24691	24707	16	0	0	MANUAL READ	8/15/2011
1	9/13/2011	24707	24730	23	0	0	MANUAL READ	9/15/2011
1	10/12/2011	24730	24794	64	0	0	MANUAL READ	10/17/2011
1	11/10/2011	24794	24875	81	0	0	MANUAL READ	11/15/2011
1	12/13/2011	24875	24986	111	0	0	MANUAL READ	12/15/2011
1	1/11/2012	24986	25089	103	0	0	MANUAL READ	1/17/2012
1	2/09/2012	25089	25212	123	0	0	MANUAL READ	2/15/2012
1	3/13/2012	25212	25325	113	0	0	MANUAL READ	3/15/2012
1	4/11/2012	25325	25424	99	0	0	MANUAL READ	4/16/2012
1	5/10/2012	25424	25489	65	0	0	MANUAL READ	5/15/2012
1	6/12/2012	25489	25556	67	0	0	MANUAL READ	6/14/2012
1	7/11/2012	25556	25619	63	0	0	MANUAL READ	7/16/2012
1	8/09/2012	25619	25666	47	0	0	MANUAL READ	8/15/2012
1	9/13/2012	25666	25773	107	0	0	MANUAL READ	9/17/2012
1	10/10/2012	25773	25840	67	0	0	MANUAL READ	10/15/2012
1	11/13/2012	25840	25972	132	0	0	MANUAL READ	11/15/2012
1	12/12/2012	25972	26118	146	0	0	MANUAL READ	12/17/2012
1	1/10/2013	26118	26259	141	0	0	MANUAL READ	1/15/2013
1	2/12/2013	26259	26427	168	0	0	MANUAL READ	2/14/2013
1	3/12/2013	26427	26589	162	0	0	MANUAL READ	3/14/2013
1	4/10/2013	26589	26765	176	0	0	MANUAL READ	4/15/2013
1	5/13/2013	26765	26940	175	0	0	MANUAL READ	5/15/2013

Utilities Billing System

Date: 4/09/2019 Page 2

CONSUMPTION HISTORY REPORT

```

===== Consumption History =====
sq  Read-Date  Prv-Read  Cur-Read  Cnsmptn  xcess  Ave-Con  Read-Type  Updated
1   6/11/2013   26940    27053     113      0        0  MANUAL READ  6/15/2013
1   7/10/2013   27053    27181     128      0        0  MANUAL READ  7/15/2013
1   8/13/2013   27181    27419     238      0        0  MANUAL READ  8/15/2013
1   9/11/2013   27419    27597     178      0        0  MANUAL READ  9/17/2013
1  10/10/2013   27597    27800     203      0        0  MANUAL READ  10/15/2013
1  11/13/2013   27800    28072     272      0        0  MANUAL READ  11/14/2013
1  12/11/2013   28072    28264     192      0        0  MANUAL READ  12/17/2013
1   1/13/2014   28264    28484     220      0        0  MANUAL READ  1/16/2014
1   2/12/2014   28484    28718     234      0        0  MANUAL READ  2/18/2014
1   3/12/2014   28718    28968     250      0        0  MANUAL READ  3/17/2014
1   4/10/2014   28968    29261     293      0        0  MANUAL READ  4/15/2014
1   5/12/2014   29261    29530     269      0        0  MANUAL READ  5/15/2014
1   6/11/2014   29530    29761     231      0        0  MANUAL READ  6/16/2014
1   7/11/2014   29761    29888     127      0        0  MANUAL READ  7/16/2014
1   8/11/2014   29888    30047     159      0        0  MANUAL READ  8/18/2014
1   9/09/2014   30047    30268     221      0        0  MANUAL READ  9/15/2014
1  10/08/2014   30268    30486     218      0        0  MANUAL READ  10/15/2014
1  11/06/2014   30486    30792     306      0        0  MANUAL READ  11/17/2014
1  12/10/2014   30792    31147     355      0        0  MANUAL READ  12/16/2014
1   1/13/2015   31147    31490     343      0        0  MANUAL READ  1/15/2015
1   2/10/2015   31490    31767     277      0        0  MANUAL READ  2/17/2015
1   3/10/2015   31767    32124     357      0        0  MANUAL READ  3/16/2015
1   4/08/2015   32124    32429     305      0        0  MANUAL READ  4/16/2015
1   5/14/2015   32429    32719     290      0        0  MANUAL READ  5/18/2015
1   6/09/2015   32719    32987     268      0        0  MANUAL READ  6/15/2015
1   7/09/2015   32987    33374     387      0        0  MANUAL READ  7/15/2015
1   8/11/2015   33374    33720     346      0        0  MANUAL READ  8/17/2015
1   9/09/2015   33720    33988     268      0        0  MANUAL READ  9/17/2015
1  10/12/2015   33988    34357     369      0        0  MANUAL READ  10/15/2015
1  11/10/2015   34357    34657     300      0        0  MANUAL READ  11/16/2015
1  12/14/2015   34657    34920     263      0        0  MANUAL READ  12/15/2015
1   1/12/2016   34920    35306     386      0        0  MANUAL READ  1/19/2016
1   2/10/2016   35306    35655     349      0        0  MANUAL READ  2/16/2016
1   3/09/2016   35655    36050     395      0        0  MANUAL READ  3/16/2016
1   4/13/2016   36050    36497     447      0        0  MANUAL READ  4/18/2016
1   5/10/2016   36497    36871     374      0        0  MANUAL READ  5/17/2016
1   6/08/2016   36871    37205     334      0        0  MANUAL READ  6/17/2016
1   7/12/2016   37205    37598     393      0        0  MANUAL READ  7/18/2016
1   8/10/2016   37598    38034     436      0        0  MANUAL READ  8/17/2016
1   9/14/2016   38034    38476     442      0        0  MANUAL READ  9/19/2016
1  10/12/2016   38476    38871     395      0        0  MANUAL READ  10/18/2016
1  11/14/2016   38871    39331     460      0        0  MANUAL READ  11/16/2016
1  12/08/2016   39331    39722     391      0        0  MANUAL READ  12/15/2016
1   1/10/2017   39722    40052     330      0        0  MANUAL READ  1/17/2017
1   2/09/2017   40052    40504     452      0        0  MANUAL READ  2/15/2017
1   3/08/2017   40504    40913     409      0        0  MANUAL READ  3/15/2017
1   4/12/2017   40913    41499     586      0        0  MANUAL READ  4/17/2017
1   5/09/2017   41499    41958     459      0        0  MANUAL READ  5/15/2017
1   6/12/2017   41958    42451     493      0        0  MANUAL READ  6/19/2017
1   7/11/2017   42451    42904     453      0        0  MANUAL READ  7/18/2017
1   8/08/2017   42904    43302     398      0        0  MANUAL READ  8/17/2017
1   9/15/2017   43302    43841     539      0        0  MANUAL READ  9/20/2017
1  10/10/2017   43841    44279     438      0        0  MANUAL READ  10/18/2017
1  11/08/2017   44279    44764     485      0        0  MANUAL READ  11/15/2017
1  12/11/2017   44764    45384     620      0        0  MANUAL READ  12/14/2017
1   1/09/2018   45384    45736     352      0        0  MANUAL READ  1/16/2018
1   2/08/2018   45736    46378     642      0        0  MANUAL READ  2/15/2018
1   3/08/2018   46378    46832     454      0        0  MANUAL READ  3/15/2018

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Utilities Billing System

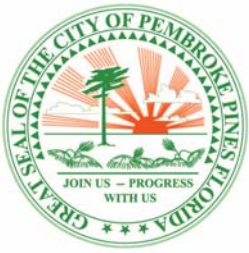
Date: 4/09/2019 Page 3

CONSUMPTION HISTORY REPORT

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1   4/09/2018   46832    47363     531      0       0  MANUAL READ  4/16/2018
1   5/08/2018   47363    47922     559      0       0  MANUAL READ  5/16/2018
1   6/12/2018   47922    48338     416      0       0  MANUAL READ  6/14/2018
1   7/10/2018   48338    48869     531      0       0  MANUAL READ  7/16/2018
1   8/13/2018   48869    49391     522      0       0  MANUAL READ  8/16/2018
1   9/10/2018   49391    49851     460      0       0  MANUAL READ  9/13/2018
1  10/09/2018   49851    50470     619      0       0  MANUAL READ 10/15/2018
1  11/09/2018   50470    51115     645      0       0  MANUAL READ 11/15/2018
1  12/07/2018   51115    51743     628      0       0  MANUAL READ 12/13/2018
1   1/09/2019   51743    52503     760      0       0  MANUAL READ  1/15/2019
1   2/07/2019   52503    53179     676      0       0  MANUAL READ  2/14/2019
1   3/07/2019   53179    53835     656      0       0  MANUAL READ  3/14/2019

```

**PEMBROKE PINES
CITY COMMISSION**

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

Jay D. Schwartz
VICE MAYOR -
DISTRICT 2
954-450-1030
jschwartz@ppines.com

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

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

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

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

July 25, 2019

**Addendum # 1
City of Pembroke Pines
IFB # RE-19-13
Academic Village Swimming Pool Renovations**

A) Revised Attachment A – Contact Information

Please see attached revisions to Attachment A: Contact Information. There is one additional add alternates that is being requested.

B) Revised Attachment “O” Template Schedule of Values – Academic Village Pool Repairs

Please see attached revisions to Attachment O: Template Schedule of Values – Academic Village Pool Repairs. The changes include the addition of Add Alternate #9 related to the concrete pavers.

C) Additional Clarification and Information

Footcandle Readings

Attached to this Addendum is the Engineering Report submitted to the Department of Health on October 15, 2012 certifying the footcandle readings meet the 15 footcandle requirements for outdoor pools with no underwater lighting.



CONTACT INFORMATION FORM

IN ACCORDANCE WITH “**RE-19-13**” titled “**Academic Village Swimming Pool Renovations**” 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 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?

1. Attachment A - Contact Information Form	Yes_____
2. Attachment B – Non-Collusive Affidavit	Yes_____



W-9 (Rev. October 2018)	Yes_____
3. Attachment C - Proposer's Completed Qualification Statement	Yes_____
4. Attachment F - References Form	Yes_____
5. Attachment G – Mandatory Pre-Bid Meeting Form	Yes_____
6. Does your proposal exceed \$200,000 for this construction project? If so, please include a Proposal Security (Bid Bond or Cashier's Check) along with a separate line item to provide a Payment and Performance Bond. (See Bid Package for details)	Yes_____
7. Does your proposal include a completed Attachment N: Schedule of Values?	Yes_____
8. Does your proposal include a copy of your Certified Commercial Pool Builders License?	Yes_____
9. Does your proposal include a substitute product? If so, please include the following: Performance Specifications of the substitute product Installation details if different from what is provided in Attachment I & J Sample of product, preferable a 2' x 2' piece.	Yes_____
10. Are all materials, freight, labor and warranties included?	Yes_____

Per Section 1.6, 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_____
Form W-9 (Rev. October 2018)	Yes_____
Sworn Statement on Public Entity Crimes Form	Yes_____
Local Vendor Preference Certification	Yes_____
Local Business Tax Receipts	Yes_____
Veteran Owned Small Business Preference Certification	Yes_____
Equal Benefits Certification Form	Yes_____
Vendor Drug-Free Workplace Certification Form	Yes_____



Scrutinized Company Certification

Yes_____

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.

Base Option: PVC Pool Repair and Deck Drainage Renovations

Item #	Item Description	Total Cost
1)	Total to provide PVC Pool repair and deck drainage renovations as specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 1: Install ten (10) new S.R. Smith Velocity starting platforms

Item #	Item Description	Total Cost
1)	Total for the installation of ten (10) new S.R. Smith Velocity starting platforms as specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 2: Removal of the 3M diving board and repairs to the 1M diving board

Item #	Item Description	Total Cost
1)	Total for removal of the 3M diving board and repairs to the 1M diving board as specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 3: Install new stainless steel grate for the “pit” area

Item #	Item Description	Total Cost
1)	Total for the installation of a new stainless steel grate for the “pit” area as specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 4: Install new shade structures on the pool deck

Item #	Item Description	Total Cost
1)	Total for the installation of new shade structures on the pool deck as specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 5: Replace all pool gutter grates

Item #	Item Description	Total Cost
1)	Total for the purchase and installation of new pool grates to match the existing pool grates in both material and quality.	Price to be Submitted Via BidSync



Alternative Option 6: Re-bond existing pool and pool components

Item #	Item Description	Total Cost
1)	Total to re-bond the pool and the existing pool components per current applicable laws, rules and codes. This amount shall not include the work to bond any new components or equipment as specified in the scope of work.	Price to be Submitted Via BidSync

Alternative Option 7: Repair leak in one (1) floor return

Item #	Item Description	Total Cost
1)	Total unit cost to repair one additional floor return per the scope of work specified in the IFB.	Price to be Submitted Via BidSync

Alternative Option 8: Clean underground original storm drainage system from the three (3) pool deck inlets to structures S-G3 and S-G6 per Attachment L (Sheet 208A grading and drainage plan circa 03-10-2000)

Item #	Item Description	Total Cost
1)	Total cost to clean the underground original storm drainage system.	Price to be Submitted Via BidSync

Alternative Option 9: Cost to remove and replace concrete pavers with new. This alternate would replace line 20 in the Schedule of Values

Item #	Item Description	Total Cost
1)	Total cost to remove and replace concrete pavers with new.	Price to be Submitted Via BidSync

DRAFT

AIA® Document G703™ - 1992

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: 19008

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)		
1	General Conditions								
2	Maintenance of Traffic								
3	Overhead								
4	Profit								
5	Bond & Insurance								
6	General Purpose Survey								
7	Palm Protection								
8	Demolition								
9	Dewatering								
10	New PVC Pool Membrane								
11	Pressure and Leak Testing of all Floor Return Fittings and Piping and Reporting								
12	Main Drain Static Leak Test, Reporting and Certification								
13	Repair Leaks in Three (3) Floor Returns								
14	Perform Continuity Test and Confirm Existing Pool and Pool Component Bonding is Working per Current & Applicable Laws, Rules and Codes								

15	Underwater Lights: Remove, Cap & Seal								
16	Testing and Repair of Gutter Piping and Seams inside Myrtha Gutter Trough, including Static Leak Test, Repair & Sealing								
17	Myrtha Aftermarket Lane Separator Anchors								
18	Race Line Markings and Wall Targets								
19	Collector Tank Waterproofing								
20	Pavers: Remove, Store, Clean and Replace								
21	Pool Deck Trench Drain Engineering & System								
22	Add Alternate No. 1 – Starting Blocks/Dive Platforms (10) Including Associated Foundations								
23	Add Alternate No. 2 – Removal of 3 meter Dive Platform and Replacement Pavers & 1 Meter Diving Board Refurbishment								
24	Add Alternate No. 3 – Stainless Steel "Pit" Grate								
25	Add Alternate No. 4 – Shade Canopies								
26	Add Alternate No. 5 – Replace All Pool Gutter Grates								

27	Add Alternate No. 6 – Re-Bond Pool and Pool Components per Current & Applicable Laws, Rules and Codes								
28	Add Alternate No. 7 - Repair Leak in one (1) Floor Return								
29	Add Alternate No. 8 - Clean Underground Original Storm Drainage System from the Three Pool Deck Inlets to Structures S-G3 and S-G6 per Attachment L (Sheet 208A Grading and Drainage Plan circa 03-10-2000)								
30	Add Alternate No. 9 - Cost to remove and replace concrete pavers with new. This alternate would replace line 20 above.								
	GRAND TOTAL	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	0.00 %	\$ 0.00	\$ 0.00

NORMAN F. BRAY, P.E., INC. . . . CONSULTING ENGINEER

FLORIDA REGISTRATION NUMBER 9978
FLORIDA CERTIFICATE OF AUTHORIZATION NUMBER 1124

2131 HOLLYWOOD BOULEVARD . SUITE 501 . BOULEVARD LANDMARK
HOLLYWOOD, FLORIDA 33020-8753
PHONE: (954) 925-3217 FAX: (954) 925-3247
EMAIL: BRAY501@BELLSOUTH.NET

October 15, 2012

Pat Riley
Broward County Health Department
Environmental Health South
780 S.W. 24th St.
Ft. Lauderdale, FL 33315

OCT 22 2012
ENVIRONMENTAL ENGINEERING
Broward County Health De

RE: Academic Village Olympic Swimming Pool
17198 Sheridan St, Pembroke Pines, FL
NFB Project #12095

Dear Ms. Riley,

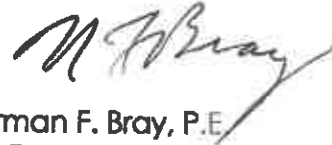
On Wednesday evening, September 26, 2012 we took lighting footcandle readings with a Minolta T-10 Illuminance Meter.

The minimum reading on the entire pool and pool deck surfaces was 16 footcandles. The average was 22 fc.

This value meets the 15 footcandle requirements of Florida 64E-9.006 "Construction Standards" for outdoor pools with no underwater lighting.

Respectfully submitted,

NORMAN F. BRAY, P.E., INC.



Norman F. Bray, P.E.
Fla. Reg. #9978

NFB/sc

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[Chat](#) | [Bid Comments](#) | [Documents](#) | [Attachments](#) | [Items](#) | [Addendums](#)

Bid #RE-19-13 - Academic Village Swimming Pool Renovations

Time Left	Bid has ended.		
Bid Started	Jun 25, 2019 4:36:25 PM EDT	Notifications	Report (Bidder Activity)
Bid Ended	This bid closed on Aug 13, 2019 2:00:00 PM EDT	# of suppliers that viewed	70 View
Agency Information	City of Pembroke Pines, FL (view agency's bids)	Q & A	Questions & Answers Questions: 6 Q&A Deadline: Jul 23, 2019 8:00:00 PM EDT
Bid Classifications	Classification Codes		
Required Vendor Qualifications	PP-SWORN, PP-LOCAL, PP-VOSB, PP-DRUGFREE, PP-SCRUTINIZED, PP-W9, PP-VENDORINFO, PP-EQUAL, PP-LBTR		
Bid Regions	Regions		
Bid Contact	see contact information		
Pre-Bid Conference(s)	Jul 16, 2019 9:00:00 AM EDT Attendance is mandatory Location: There will be a mandatory scheduled pre-bid meeting on July 16, 2019 at 9:00 a.m. Meeting location will be at the Academic Village Swimming Pool located at 17191 Sheridan Street, Pembroke Pines, FL 33029. Bidders must check in at the Middle School Administration Office, which is the building on the west side of the campus with the entrance facing the west. BIDDERS CANNOT GO STRAIGHT TO THE POOL. THIS IS A CLOSED SCHOOL CAMPUS. ALL BIDDERS MUST BE ESCORTED DUE TO THE COMPLEXITIES INVOLVED IN THIS PROJECT, BIDDERS ARE REQUESTED TO SEND REPRESENTATIVES THAT ARE INVOLVED IN THE MANAGEMENT OR OVERSIGHT OF THIS TYPE OF PROJECT. STAFF WILL GO OVER THE BID DOCUMENTS IN DETAIL AS IT RELATES TO THE ONSITE INFRASTRUCTURE. Transcript Attendance		
Copy Bid	Click here to copy the bid and relist it as a new bid		
View Rules	Click here to change the rules for this bid.		
Best and Final Offer:	Create		

Approval

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

Bid Comments

Contract Duration	One Time Purchase
Contract Renewal	Not Applicable
Prices Good for	90 days
Budgeted Amount	\$0.00 (change)
Expected Expenditure	\$350,000.00
Standard Disclaimer	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 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" (with the Solicitation Number and Title) and sent to the City of Pembroke Pines, City Clerk's Office, 4th Floor, 601 City Center Way, Pembroke Pines, FL 33025.

Bid Comments

The City of Pembroke Pines is seeking proposals from qualified firms, hereinafter referred to as the Contractor, to provide for repairs and renovation projects at the Academic Village 50 meter pool facility. Projects include replacing the membrane of the 50-meter stainless steel pool and making repairs to the wall as necessary, repairing floor returns and any other leaking or damaged plumbing, providing for renovations to the pump room, and providing new subsurface drainage and engineering on the pool deck. The bid also includes four alternate projects; installation of ten (10) new S.R. Smith Velocity starting platforms, removal of the 3M diving board, installation of a new grate for the "pit" area, and installation of shade structures. The scope of work shall be in accordance with the terms, conditions, and specifications contained in this solicitation.

Documents

[Select All](#) | [Select None](#) | [Download Selected](#)

- | | |
|---|---|
| <input type="checkbox"/> 1. RE-19-13 Academic Village Swimming Pool Renovations.pdf [download] | <input type="checkbox"/> 2. Attachment A - Contact Information Form.docx [download] |
| <input type="checkbox"/> 3. Attachment B - Non-Collusive Affidavit [download] | <input type="checkbox"/> 4. Attachment C - Proposers Qualifications Statement [download] |
| <input type="checkbox"/> 5. Attachment D - Sample Insurance Certificate.pdf [download] | <input type="checkbox"/> 6. Attachment E - Specimen Contract - Construction Agreement 2018-10-25.pdf [download] |
| <input type="checkbox"/> 7. Attachment F - References Form [download] | <input type="checkbox"/> 8. Attachment G - Mandatory Pre-Bid Site Visit Confirmation.pdf [download] |
| <input type="checkbox"/> 9. Attachment H - Standard Release of Lien.pdf [download] | <input type="checkbox"/> 10. Attachment I Academic Village Swimming Pool Renovations - Drawings.pdf [download] |
| <input type="checkbox"/> 11. Attachment J Technical Specifications - RE-19-03.pdf [download] | <input type="checkbox"/> 12. Attachment K January 2018 Leak Detection Report.pdf [download] |
| <input type="checkbox"/> 13. Attachment L Drainage AsBuilt's completed in Year 2000.pdf [download] | <input type="checkbox"/> 14. Attachment M Water Consumption Reports.pdf [download] |
| <input type="checkbox"/> 15. Attachment N Template Schedule of Values - Academic Village Pool Repairs.docx [download] | <input type="checkbox"/> 16. RE-19-13 - Signed Pre-Bid Attendance Sheet - 7.16.2019..pdf [download] |
| Addendum 1 (4 documents) | |

= Included in Bid Packet = Excluded from Bid Packet

Items

Item	Title	Offers	
RE-19-13--01-01	PVC Pool Repair and Deck Drainage Renovations	Y	Info
RE-19-13--01-02	Alternative Option 1: Install ten (10) new S.R. Smith Velocity starting platform	Y	Info
RE-19-13--01-03	Alternative Option 2: Removal of the 3M diving board and repairs to the 1M divin	Y	Info
RE-19-13--01-04	Alternative Option 3: Install new stainless steel grate for the "pit" area	Y	Info
RE-19-13--01-05	Alternative Option 4: Install new shade structures on the pool deck	Y	Info
RE-19-13--01-06	Alternative Option 5: Replace all pool gutter grates	Y	Info
RE-19-13--01-07	Alternative Option 6: Re-bond existing pool and pool components	Y	Info
RE-19-13--01-08	Alternative Option 7: Repair leak in one (1) floor return	Y	Info
RE-19-13--01-09	Alternative Option 8: Clean underground original storm drainage system	Y	Info
RE-19-13--01-10	Alternative Option 9: Cost to remove and replace concrete pavers with new	Y	Info
RE-19-13--01-11	Payment & Performance Bond	Y	Info

Addendum #1 - Made On Jul 16, 2019 10:30:25 AM EDT

New Documents RE-19-13 - Signed Pre-Bid Attendance Sheet - 7.16.2019..pdf

Addendum #2 - Made On Jul 25, 2019 2:57:56 PM EDT

New Documents Revised Attachment A - Contact Information Form.docx
Health Department Approval for Footcandle readings.pdf
RE-19-13 Addendum 1.pdf
Revised Attachment O Template Schedule of Values - Academic Village Pool Repairs.pdf

Added Items • [Alternative Option 9: Cost to remove and replace concrete pavers with new](#)

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There are no advertisements on this solicitation.

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Question and Answers for Bid #RE-19-13 - Academic Village Swimming Pool Renovations

[Create New Question](#)

Question Deadline: Jul 23, 2019 8:00:00 PM EDT

Overall Bid Questions

Question 1

Is the pre-bid on Tuesday, July 16th or Thursday, July 18th..?? (Submitted: Jun 26, 2019 7:01:00 AM EDT)

Answer

[edit](#)

- Tuesday July 16, 2019 at 9:00 a.m. (Answered: Jun 26, 2019 7:14:16 AM EDT)

Add to Answer:

Question 2

Will the City accept new brick pavers in lieu of the existing pavers ?? (Submitted: Jul 19, 2019 5:13:38 PM EDT)

Answer

[edit](#)

- The following addendum includes an additional add-alternate line for a price to include new concrete pavers instead of reusing the existing pavers. (Answered: Jul 25, 2019 3:01:48 PM EDT)

Add to Answer:

Question 3

In section 1 - Instructions / Page 6 / 1.3.1 Preparatory Work:

1) Contractor will be required to obtain all necessary permits if required.

Questions: Are permits required, which agency(s) and what type of permit(s)??? (Submitted: Jul 22, 2019 8:52:21 AM EDT)

Answer

[edit](#)

- The bid documents require the contractor to be responsible for the permits to include making sure all agencies which will require a permit are contacted. Contractors should contact South Florida Water Management District, South Broward Drainage District, and City of Pembroke Pines Building Department and any other permitting agency, as determined by the contractor, which is required to complete the project. (Answered: Jul 25, 2019 3:01:48 PM EDT)

Add to Answer:

Question 4

In section 1 - Instructions / Page 6 / 1.3.1 Preparatory Work:

2) Contractor will be provided construction plans in Attachment I & J. Contractor is responsible for providing all additional documents necessary as required to complete the permit package if warranted.

Questions: What additional documents are required to complete the permit package?? (Submitted: Jul 22, 2019 8:58:52 AM EDT)

Answer

[edit](#)

- The bid documents require the contractor to be responsible for the permits to include determining what documents, if warranted, are required to complete the permit package. (Answered: Jul 25, 2019 3:01:48 PM EDT)

Add to Answer:

Question 5

If permits are required and additional documents need to be provided;

Question: What license or licenses are required to obtain the permit(s) i.e. General Contractor, Commercial Pool Contractor, etc.? (Submitted: Jul 22, 2019 9:09:13 AM EDT)

[edit](#) 

Answer

- The bid documents require the contractor to have a Certified Commercial Pool Builders License. The contractor shall be responsible for contacting the required permitting agencies and determining if any other licenses are required. (Answered: Jul 25, 2019 3:01:48 PM EDT)

Add to Answer:

Question 6

Is this project considered a "Design / Build" if so, Design Build is regulated by Florida state statute 287.055 (h)

(h) A "design-build firm" means a partnership, corporation, or other legal entity that:

- Is certified under s. 489.119 to engage in contracting through a certified or registered general contractor or a certified or registered building contractor as the qualifying agent; or
- Is certified under s. 471.023 to practice or to offer to practice engineering; certified under s. 481.219 to practice or to offer to practice architecture; or certified under s. 481.319 to practice or to offer to practice landscape architecture. (Submitted: Jul 22, 2019 9:12:05 AM EDT)

[edit](#) 

Answer

- This is not a design build project. (Answered: Jul 25, 2019 3:01:48 PM EDT)

Add to Answer:

Submit

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