



Chapel Trail Park Soccer Modifications

Invitation for Bids # RE-18-11

General Information		
Project Cost Estimate	\$30,000	See Section 1.4
Project Timeline	20 calendar days from NTP with an estimated start date of October 22, 2018	See Section 1.4
Evaluation of Proposals	Staff	See Section 1.6
Mandatory Pre-Bid Meeting	9:00 a.m. on Tuesday August 14, 2018 At Chapel Trail Park 19351 Taft Street Pembroke Pines, FL 33027	See Section 1.7
Question Due Date	August 21, 2018	See Section 1.7
Proposals will be accepted until	2:00 p.m. on September 4, 2018	See Section 1.7

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: Vendor Information Form and a W-9
- Attachment C: Non-Collusive Affidavit
- Attachment D: Sworn Statement on Public Entity Crimes Form
- Attachment E: Local Vendor Preference Certification
- Attachment F: Veteran Owned Small Business Preference Certification
- Attachment G: Equal Benefits Certification Form
- Attachment H: Vendor Drug-Free Workplace Certification Form
- Attachment I: Proposer's Completed Qualification Statement
- Attachment J: Sample Insurance Certificate
- Attachment K: Specimen Contract/Agreement
- Attachment L: References Form
- Attachment M: Mandatory Pre-Bid/Site Visit Confirmation Form
- Attachment N: Standard Release of Lien Form
- Attachment O: Vendor Certification Regarding Scrutinized Companies List
- Attachment P: Bid Plans Chapel Trail Park -Soccer Field Modifications



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-18-11 Chapel Trail Park Soccer Field Modifications

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, September 4, 2018. 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 renovations to field 1 & 2 at Chapel Trail Soccer Park in accordance with the terms, conditions, and specifications contained in this solicitation. Plans for the proposed work have been provided by the City Engineer as Attachment P: Bid Plans.

1.3 SCOPE OF WORK

The project will consist of the modification of two (2) existing soccer fields to provide two large fields and one smaller soccer field between the two larger fields. A substantial portion of the smaller soccer field will be constructed within an existing swale area between the goal lines of



the two existing soccer fields and thus requires filling of the swale area and regrading of the north and south ends of the two existing soccer fields to accommodate the addition of a third smaller field. Completion of the three soccer fields will include the appropriate markings for each of the three fields and installation of corner flags and stake-all whisker markers with integrated plastic stakes for the smaller soccer field. Goals and other required soccer field equipment will be provided by City.

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 P. 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:
 - Contractor shall coordinate use of premises under direction of the City's representative.
 - 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 interfere with operations of the City or separate Contractor.
8. City will be responsible for irrigation and utility locates.

1.3.2 Demolition Work

1. Demolish as required to accomplish work indicated in the approved set of plans. 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.

1.4 PROJECT COST ESTIMATE & TIMELINE

Staff estimates this project to cost approximately \$30,000, which does not include 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 twenty (20) days from issuance of CITY's Notice to Proceed, with an estimated start date of October 22, 2018.



1.4.1 PERMITS

The City anticipates this project to require the following permits:

Permit	Agency	Cost (or related method of calculation)
Engineering	City of Pembroke Pines Engineering Department	4.67% of construction costs

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. The vendor must provide their pricing through the designated lines items listed on the BidSync website.



- b. 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.
- c. 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.
- d. 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.
- e. 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: Vendor Information Form and a W-9

- a. In addition to the Vendor Information Form, please ensure that you provide the completed W-9 (Rev. November 2017), as previously dated versions of this form will delay the processing of any payments to the awarded vendor.

1.5.3 Attachment C: Non-Collusive Affidavit

1.5.4 Attachment D: Sworn Statement on Public Entity Crimes Form

1.5.5 Attachment E: 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.

1.5.6 Attachment F: 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.

1.5.7 Attachment G: Equal Benefits Certification Form

1.5.8 Attachment H: Vendor Drug-Free Workplace Certification Form

1.5.9 Attachment I: Proposer's Completed Qualification Statement

1.5.10 Attachment L: References Form

- a. Complete **Attachment L: References Form**, providing specific examples of similar contracts delivered by the proposed team members. Provide details on related projects (preferably where the team was the same). References should be from the last five years and should be capable of explaining and confirming your firm's capacity to successfully complete the scope of work outlined herein. As part of the proposal evaluation process, the City may conduct an investigation of references, including a record check or consumer affairs complaints. Proposers' submission of a proposal constitutes acknowledgment of the process and consent to investigate. The City is the sole judge in determining Proposers qualifications. Details should include the following:

1.5.11 Attachment M: Mandatory Pre-Bid Meeting Form

1.5.12 Attachment O: Vendor Certification Regarding Scrutinized Companies List

1.6 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.

1.7 TENTATIVE SCHEDULE OF EVENTS

Event	Time &/or Date
Issuance of Solicitation (Posting Date)	August 7, 2018
Mandatory Pre-Bid Meeting	9:00 a.m. on August 14, 2018



Question Due Date	August 21, 2018
Anticipated Date of Issuance for the Addenda with Questions and Answers	August 23, 2018
Proposals will be accepted until	2:00 p.m. on September 4, 2018
Proposals will be opened at	2:30 p.m. on September 4, 2018
Evaluation of Proposals by Staff	September 4, 2018 – September 6, 2018
Recommendation of Contractor to City Commission award	September 17, 2018
Issuance of Notice to Proceed	October 1, 2018
Project Commencement	October 22, 2018
Project Completion	20 days after NTP

1.7.1 MANDATORY PRE-BID MEETING / SITE VISIT

There will be a mandatory scheduled pre-bid meeting on **August 14 at 9:00 a.m.** Meeting location will be at Chapel Trail Park located at 19351 Taft Street, Pembroke Pines, FL 33029.

All vendors will be required to complete **Attachment M "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.

1.8 SUBMISSION REQUIREMENTS

Bids/proposals **must be submitted electronically** at www.bidsync.com on or before **2:00 p.m. on September 4, 2018.**

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.

Draft Document for Commission Review



City of Pembroke Pines

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



CONTACT INFORMATION FORM

IN ACCORDANCE WITH “IFB # RE-18-11” titled “Chapel Trail Park Soccer Field Modifications” 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

Are all materials, freight, labor and warranties included?

Yes_____

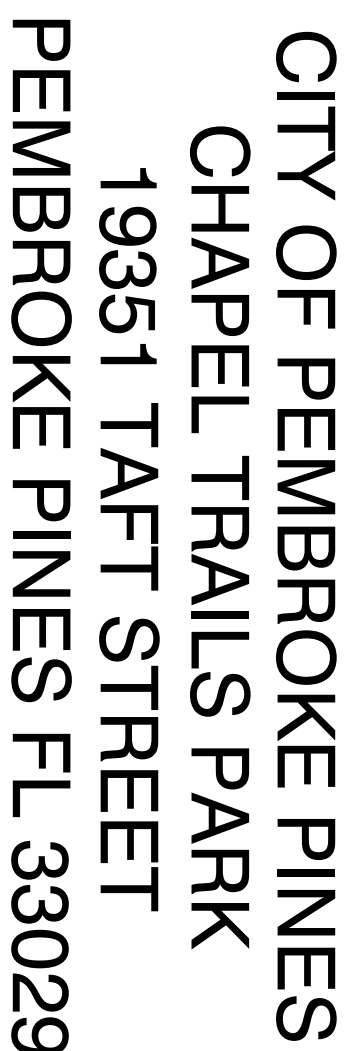


C) Sample Proposal Form

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 Pricing:

Item #	Location	Total Cost
1)	Chapel Trail Park Soccer Field Modifications Project	Price to be Submitted Via BidSync



SOCCER FIELDS AREA 1 MODIFICATIONS



GENERAL PROJECT SCOPE OF WORK:

MODIFICATION OF TWO (2) EXISTING SOCCER AREA (SOUTH FIELD) - 210'W X 360'1 AND NORTH FIELD 210'W X 332' WITHIN DESIGNATED FIELD AREA 1 TO PROVIDE TWO (2) SOCCER FIELD SIZES EACH 210'W X 300'1 AND ONE (1) SMALLER SOCCER FIELD 105'W X 180'1 IN BETWEEN THE TWO (2) LARGER FIELDS WHICH WILL BE TILTED 90° TO THE LONG AXIS OF THE LARGER FIELDS. A SUBSTANTIAL PORTION OF THE SMALLER SOCCER FIELD WILL BE CONSTRUCTED WITHIN AN EXISTING SWALE AREA BETWEEN THE GOAL LINES OF THE TWO (2) EXISTING SOCCER FIELDS AND THUS WILL REQUIRE FILLING OF THE SWALE AREA AND REGRADING OF THE NORTH AND SOUTH ENDS OF THE TWO (2) EXISTING SOCCER FIELDS TO ACCOMMODATE THE RELOCATION OF THE THIRD SOCCER FIELD AND TO TRANSITION GRADING BETWEEN THE ENDS OF THE LARGER SOCCER FIELDS AND THE SIDES OF THE SMALLER SOCCER FIELD. (REFER TO THE GRADING PLAN OF ADDITIONAL INFORMATION AND NOTES PERTAINING TO THE MODIFICATIONS OF THE EXISTING SOCCER FIELDS WITH THE DESIGNATED FIELD AREA 1.)


COMPLETION OF THE THREE (3) SOCCER FIELDS WILL INCLUDE THE APPROPRIATE MARKINGS FOR EACH OF THE THREE (3) FIELDS AND INSTALLATION OF CORNER FLAGS AND STAKE-ALL WHISPER MARKERS WITH INTEGRATED PLASTIC STAKE FOR THE SMALLER SOCCER FIELD. GOALS AND OTHER REQUIRED SOCCER FIELD EQUIPMENT WILL BE PROVIDED AND PLACED/INSTALLED BY THE CITY PARKS DEPARTMENT. (REFER TO THE FIELDS LAYOUT AND MARKINGS PLAN AND DETAILS AND GENERAL SHEET FOR ADDITIONAL INFORMATION AND NOTES PERTAINING TO THE LAYOUT AND MARKING OF THE THREE (3) PROPOSED SOCCER FIELDS)

CONTRACTOR SHALL COORDINATE WITH THE CITY PARKS DEPARTMENT STAFF ON THE RELOCATION OF ANY IRRIGATION SYSTEM HEADS AND/OR MODIFICATIONS TO THE IRRIGATION SYSTEM PIPING AS MAY BE REQUIRED IN ASSOCIATION WITH THE COMPLETION OF THE WORK ON THE SOCCER FIELDS. ALL REQUIRED RELOCATION OF IRRIGATION SYSTEM HEADS AND/OR MODIFICATION TO THE IRRIGATION SYSTEM PIPING WILL BE COMPLETED BY THE CITY PARKS DEPARTMENT WORK FORCES.

CONTRACTOR SHALL COMPLETE A REQUIRED SITE/FIELD REVIEW WITH THE CITY PARKS DEPARTMENT STAFF AS PART OF THE BIDDING PROCESS BASED UPON A CITY ESTABLISHED DATE AND TIME TO REVIEW THE GENERAL SITE/FIELD LIGHTING CONDITIONS/CONSTRAINTS, AS PART OF THE SITE/FIELD REVIEW, THE CITY PARK DEPARTMENT STAFF WILL PROVIDE INFORMATION ON THE EXISTING UNDERGROUND IRRIGATION SYSTEM (IRRIGATION HEAD LOCATIONS WILL BE FLAGGED), FIELD/STADIUM LIGHTING SYSTEMS AND FIELD UNDERDRAIN SYSTEM IMPROVEMENTS, DISCUSS CONSTRUCTION ACCESS AND POTENTIAL CONSTRUCTION STAGING/MATERIALS STORAGE AREAS AND ANSWER PROJECT RELATED CONSTRUCTION QUESTIONS.

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CITY OF PEMBROKE PINES
ENVIRONMENTAL SERVICES DIVISION
PUBLIC SERVICES DEPARTMENT

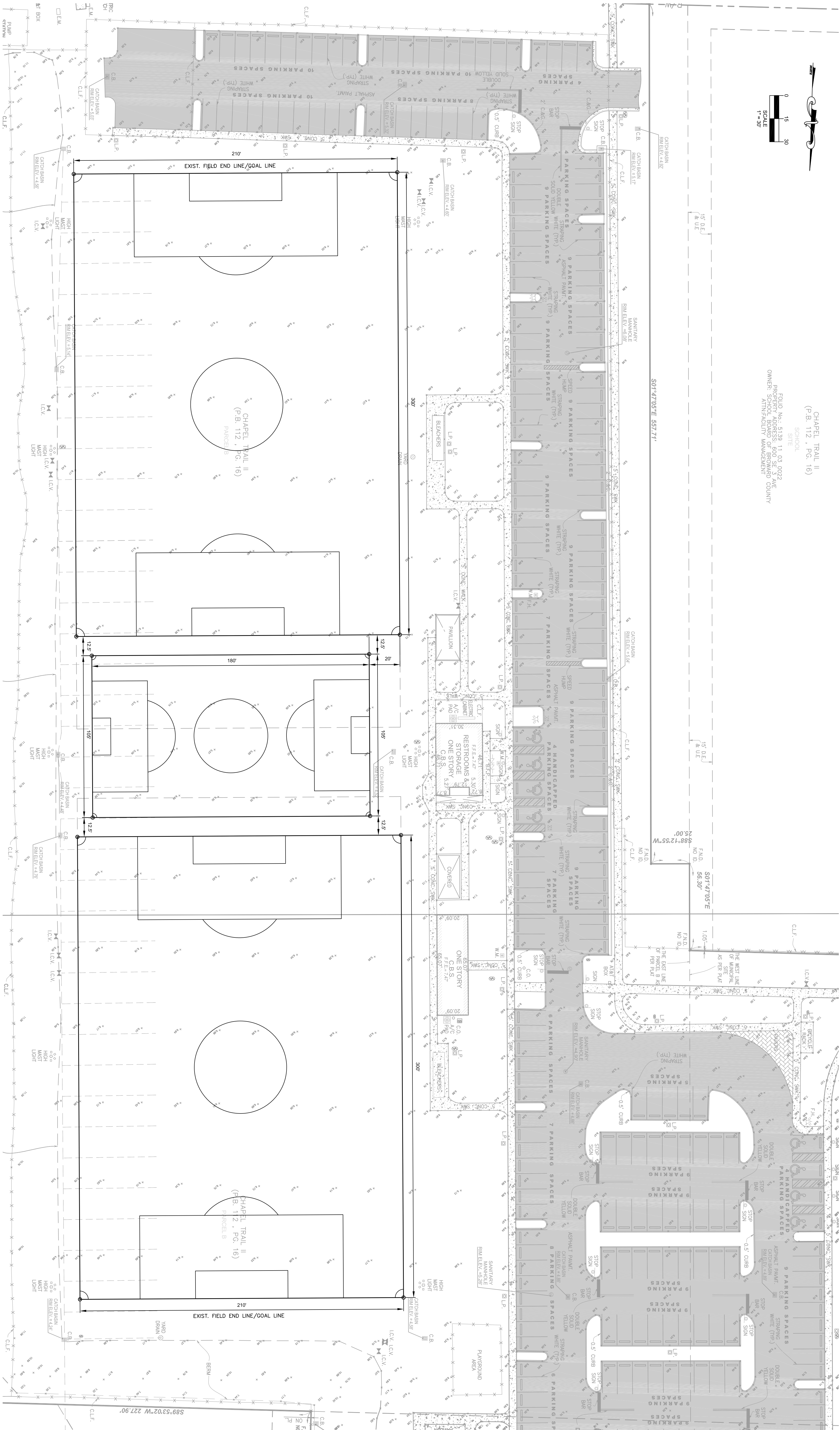


8300 SOUTH PALM DRIVE PEMBROKE PINES, FL 33025 (954) 518-9040

PEMBROKE PINES COMMISSION	
FRANK C. ORTIS	MAYOR
THOMAS GOOD	VICE MAYOR
ANGELO CASTILLO	COMMISSIONER
JAY SCHWARTZ	COMMISSIONER
IRIS A. SIPLE	COMMISSIONER

PROJECT MANAGER:	KARL M. KENNEDY P.E. P.E. LICENSE NO. 48838
DATE: JULY 2018	
CAD FILE: COVER SHEET	
PROJECT TITLE: CHAPEL TRAILS PARK	
DESIGN PROGRESS	

S:\Engineering\Chapel Trails Park Modifications\CADD\C2_Soccer Fields Layout and Marking Plan.dwg



NOTES:

1. FIELDS AREA 1" SHALL BE ADDED TO PROVIDE TWO (2) 11' V.S. 1" FIELDS EACH FIELD 210' WIDE X 200' LONG AND ONE (1) 7' V.S. 7' FIELD 105' WIDE X 180' LONG. PROPOSED LAYOUT OF THE THREE (3) SOCCER FIELDS SHALL BE CONTROLLED FROM THE PLACEMENT OF THE 7' V.S. 7' FIELD LAYOUTS WORKING NORTH AND SOUTH FROM THE EASTWEST CENTERLINE OF THE 7' V.S. 7' FIELD. FIELD LAYOUTS SHALL BE PARALLEL TO THE EAST EDGE OF THE EXISTING CONCRETE SIDEWALK ALONG THE EAST SIDE OF THE NORTH/SOUTH PARKING LOT AREA. EASTWEST CENTERLINE OF THE 7' V.S. 7' FIELD SHALL BE 180' FROM THE EAST EDGE OF THE EXISTING CONCRETE SIDEWALK. AS MEASURED ALONG THE EASTERN PROPERTY LINE NORTH FROM THE SOUTHEAST CORNER.
2. PRIOR TO ANY FIELD CONSTRUCTION, THE CONTRACTOR SHALL FIELD STAKE THE FOUR (4) CORNERS AND HALFWAY LINE AT THE INTERSECTION WITH THE TOUCHSIDE LINES OF THE THREE (3) PROPOSED FIELDS TO ALLOW FOR CITY CONFIRMATION OF THE LAYOUTS OF THE PROPOSED SOCCER FIELDS WITHIN THE CURRENT EXISTING OVERALL FIELDS AREALIMENTS OF FIELD AREA 1". CITY CONFIRMATION REQUIRED THAT THE LAYOUTS OF THE PROPOSED SOCCER FIELDS WITHIN THE EXISTING OVERALL FIELDS AREALIMENTS OF FIELD AREA 1" SHALL BE 180' FROM THE EAST EDGE OF THE EXISTING CONCRETE SIDEWALK. AS MEASURED ALONG THE EASTERN PROPERTY LINE NORTH FROM THE SOUTHEAST CORNER.
3. COMPLETION OF THE THREE (3) SOCCER FIELDS WILL INCLUDE THE APPROPRIATE MARKINGS FOR EACH OF THE THREE (3) FIELDS AS DETICED HEREIN ON THE PLAN. REFER TO THE FIELD LAYOUT DETAILS ON THE DETAILS AND GENERAL NOTES SHEET, SHEET C-4, FOR ADDITIONAL FIELD LAYOUT MARKINGS INFORMATION.
4. FIELD LINE MARKINGS SHALL BE A MINIMUM OF 4" AND A MAXIMUM OF 5" IN WIDTH. THE PENALTY SPOT SHALL BE 9" IN DIAMETER OR IF A PENALTY LINE IS USED THEN THE PENALTY LINE SHALL BE 2" IN WIDTH. THE PENALTY LINE SHALL BE A MINIMUM OF 2" AND APPLIED BY APPROPRIATE BULK LATEX PAINTING FIELD MARKING EQUIPMENT.
5. STAKE ALL WHEREAS MARKERS INTEGRATED WITH A PLASTIC STAKE OR APPROVED GOAL SHALL BE PROVIDED FOR THE NEW SMALLER SOCCER FIELD WITH BID ALTERNATE PRICING FOR PROVIDING THE SAME FOR EACH OF THE TWO (2) LARGER SOCCER FIELDS AT THE FOLLOWING FIELD LOCATION POINTS FOR PULLING OF STING LINES REQUIRED FOR FUTURE FIELD REMARKING USE:
 - FOUR (4) CORNERS OF THE PLAYING FIELD (4 TOTAL)
 - EACH CORNER OF THE GOAL BOX FOR BOTH ENDS OF THE FIELD (8 TOTAL)
 - EACH CORNER OF THE PENALTY BOX FOR BOTH ENDS OF THE FIELD (8 TOTAL)
 - MIDFIELD LINE AT INTERSECTION WITH TOUCHSIDE LINE (2 TOTAL)
 - TWO (2) PENALTY KICK SPOTS (2 TOTAL)
 - CENTER OF FIELD AND CENTER OF EACH GOAL (3 TOTAL)
6. A CORNER FLAG ON A POST NOT LESS THAN 3' HIGH AND HAVING A NON-POINTED TOP SHALL BE PROVIDED FOR EACH CORNER OF THE PLAYING FIELD. THE FLAG POST SHALL BE 1.5" IN DIAMETER WITH A FLAG APPROXIMATELY 2' LONG BY 1' FOOT WIDE OF A COLOR SELECTED BY THE CITY PARKS DEPARTMENT AND SECURED TO THE POST BY WAY OF SAFE AND INDUSTRY ACCEPTED METHODOLOGY. THE BASE OF FLAG POST SHALL NOT BE MORE THAN 8" ACROSS DIAMETER.
7. MANUFACTURER SHOP DRAWINGS/CUT SHEETS SHALL BE PROVIDED AS PART OF THE CONTRACTORS BID FOR ALL FIELD MATERIALS/SCHEMATIC INCLUDING THE SAND FILL MATERIAL AND FIELD PAINT TO BE UTILIZED FOR COMPLETION OF THE SOCCER FIELDS MODIFICATIONS.

LEGEND

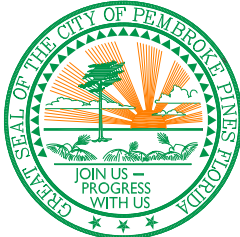
- EXIST. FIELD UNDERDRAIN PIPING SYSTEM
- EXIST. UNDERDRAIN HEADER PIPING
- EXISTING ELEVATIONS



PROGRESS DESIGN

SOCCER FIELDS LAYOUT AND MARKING PLAN
CHapel TRAIL PARK
19351 TAFT STREET, PEMBROKE PINES, FL 33029

REVISIONS			
NO.	DATE	BY	DESCRIPTION



CITY OF PEMBROKE PINES
ENVIRONMENTAL SERVICES
8300 SOUTH PALM DRIVE
PEMBROKE PINES, FLORIDA 33025
TEL: (954) 518-9040

DRAWN BY:	M.U.	DATE:	7/10/18
DESIGNED BY:	K.K.	SCALE:	1:30
CHECKED BY:	K.K.		

SEAL:	DATE
KARL M. KENNEDY, P.E. LICENSE NO.: 48838	

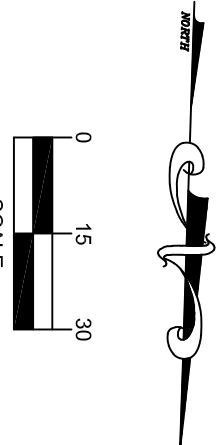
SHEET TITLE:
C-2
SHEET: 2 OF 4
PROJECT: CHapel TRAIL PARK

1. CONTRACTOR SHALL PROVIDE A FIELD IMPLEMENT APPROPRIATE FOR WASTEWATER POLLUTION PREVENTION PROTECTION AND EROSION CONTROL MEASURES COMPLYING WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) BEST MANAGEMENT PRACTICES (BMP) MANUAL, TYPE I, OR A NOTICE OF INTENT (NOI), SIFT FENCING SHALL BE PROVIDED AND INSTALLED AROUND THE PERIMETER OF THE CONSTRUCTION AREA BASED UPON THE CONTRACTORS' FIELD IDENTIFIED DETERMINED LIMITS ALONG WITH IN-LET PROTECTION FOR ALL EXISTING STORM DRAINAGE LINES (INCLUDING VAULT DRAINS) WITHIN THE OVERALL LIMITS OF FIELD AREA 1. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING UTILITY LOCATIONS AND STRUCTURES (EXISTING STORMWATER OVERFLOW STRUCTURES) ON THE EAST SIDE OF FIELD AREA 1 MUST BE FIELD CHECKED ON A REGULAR BASIS DURING THE DURATION OF THE CONSTRUCTION AND CAREFULLY MAINTAINED TO ALLOW ANY UTILITY ISSUES ARISING IN THE EXISTING RECEIVING LAKE WITHIN THE CHAMEL TRAIL PASTORY CANYON ALONG THE PARK'S EASTERN BOUNDARY.
2. CONTRACTOR TO PROTECT ALL EXISTING UTILITIES ABOVE AND BELOW GROUND AND ALL OTHER EXISTING FEATURES SUCH AS TREES, LANDSCAPE PLANTINGS, LIGHT FIXTURES, SIGNAGE, EXISTING SAND DRAIN AND UNDERGROUND SYSTEMS, SOCCER FIELD EQUIPMENT, ETC. DAMAGE OCCURRING TO ANY EXISTING UTILITIES AND/OR PARK IMPROVEMENTS DURING THE COMPLETION OF THE REQUIRED FIELD MODIFICATIONS SHALL BE REPAIRED AND/OR RESTORED TO ITS ORIGINAL EXISTING CONDITION OR BETTER BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CITY.
3. THE EXTENT AND LOCATION OF THE EXISTING FIELD UNDERGROUND PINNS SYSTEM INSTALLED WITHIN APPROXIMATE, THE EXISTING UNDERGROUND SYSTEMS SHALL BE MAINTAINED AND PROTECTED AGAINST DAMAGE DURING THE COMPLETION OF THE REQUIRED FIELDS MODIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE AT NO ADDITIONAL COSTS TO THE CITY FOR THE COMPLETION OF ANY REQUIRED REPAIRS TO THE UNDERGROUND SYSTEMS AS MAY BE NECESSARY DUE TO ANY DAMAGE RESULTING FROM CONSTRUCTION RELATED ACTIVITIES.
4. THE REMOVAL AND DISPOSITION OF ALL FIELD "CHURNING" MATERIAL SPENDING AS APPLICABLE TO THE PROPOSED FIELDS MODIFICATIONS WORK, REMOVAL AND DISPOSAL OF SUCH FIELD "CHURNING" MATERIALS/SPENDING SHALL COMPLY WITH ALL APPLICABLE REGULATIONS GOVERNING THE REMOVAL AND DISPOSAL OF SUCH DEBRIS/WASTE MATERIALS.

6. FIELD 1UL MATERIAL SHALL BE CUT IN HALF USING A BACKHOE WITH 85% BENCH MEDIA SPEED (0.55 MPH) TO 0.50 MM, AND COVERED SPEED 0.75 MPH TO 1.0 MPH PLACED IN MAXIMUM 8" THICK LAYERS COMPACTED TO 90% OF MAXIMUM DRY DENSITY PER AASHTO T-150.
7. FINISHED GRADING OF THE FIELD AREAS SHALL BE WITHIN 1% OF THE DESIGN ELEVATIONS FOR CITY ACCEPTANCE BASED UPON SUBMITTED AS-BUILT ELEVATIONS. CITY ACCEPTANCE OF THE FINISHED GRADING MUST BE OBTAINED PRIOR TO PLACEMENT/LAYING OF ANY SOD.
8. FINISHED GRADED FIELD AREAS APPROVED BY THE CITY SHALL BE SEeded WITH PENNE AND WELLS KNIT SOD GROWN ON COMPARABLE SAND MATERIAL (NOT GROWN ON HEAVY SOILS) AS THE FIELD SAND FIL MATERIAL AND MEETING THE FOLLOWING REQUIREMENTS/CONDITIONS:
 - a. QUALITY SOD SHALL BE PROVIDED THAT HAS A MAXIMUM ROOT AND SOIL THICKNESS OF ONE-HALF TO THREE-FOURTHS OF AN INCH FOR ATHLETIC FIELD INSTALLATION USE.
 - b. THE SOD SHALL BE CUT AS THIN AS POSSIBLE IN LONG STRIPS THAT CAN BE ROLLED TO FACILITATE HANDLING AND TO ALLOW FOR SOD TO BE BETTER WHEN PLACED AND TO ROOT QUICKER.
 - c. THE SOD SHALL BE CUT IN STRIPS 12 IN 8 INCHES WIDE AND 4 TO 6 FEET LONG TO ALLOW FOR CONVENIENT STORAGE AND TRANSPORTATION AND EASY LAYING.
9. THE FINISHED FIELD GRADING AREA SHALL BE PROPERLY PREPARED AS A SOBERED, INCLUDING PLACEMENT/INSTALLATION OF THE SOD. THE SURFACE OF THE FINISHED FIELD GRADING SHOULD BE FRAMED FROM ROLLING AND IF DRY, IT SHOULD BE WET DOWN WITH A FINE SPRAY JUST PRIOR TO LAYING THE SOD.

6. FIELD LID MATERIAL SHALL BE CLEAN AND 18 MIL THICK WITH 45% BLENDED MEDIA SEED (.05 MM TO .050 MM) AND COVER SEED (.05 MM TO .10 MM) PLACED IN MAXIMUM 8" THICK LAYERS AND COMPACTED TO 90% OF MAXIMUM DRY DENSITY PER ASTM D 1557.
7. FINISHED GRADING OF THE FIELD AREAS SHALL BE WITHIN ONE (1) OF THE DESIGN ELEVATIONS FOR CONTRACTOR ACCEPTANCE BASED UPON SUBMITTED AS-BUILT ELEVATIONS. CITY ACCEPTANCE OF THE FINISHED GRADING MUST BE OBTAINED PRIOR TO PLACEMENT/LAYING OF ANY SOIL.
8. FINISHED GRADED FIELD AREAS, APPROVED BY THE CITY SHALL BE SOOTED WITH PENNE AND WELL KNOWN SOOT GROWN ON COMPATIBLE SAND MATERIAL, NOT GROWN ON HEAVY SOILS) AS THE SAND LID MATERIAL AND MEETING THE FOLLOWING REQUIREMENTS/CONDITIONS:
 - QUANTITY SOOT SHALL BE PROVIDED THAT HAS A MAXIMUM ROOT AND SOIL THICKNESS OF ONE-HALF-TO-THREE-QUARTERS OF AN INCH FOR ATHLETIC FIELD INSTALLATION USE.
 - THE SOOT SHALL BE CUT AS THIN AS POSSIBLE IN LONG STRIPS THAT CAN BE ROLLED TO FACILITATE HANDLING AND TO ALLOW FOR SOOT TO LIE BETTER WHEN PLACED AND TO ROOT QUICKER.
 - THE SOOT SHALL BE CUT IN STRIPS 12 IN 18 INCHES WIDE AND 4 TO 6 FEET LONG TO ALLOW FOR CONVENIENT STRETCH ROLLS THAT CAN BE EASILY HANDLED AND EASILY PLACED.
9. THE FINISHED FIELD GRADING AREA SHALL BE PROPERLY PREPARED AS A SOOTBED, INCLUDING PLACEMENT/INSTALLATION OF THE SOOT. THE SURFACE OF THE FINISHED FIELD GRADING SHOULD BE FIRMED FROM ROLLING AND IF DRY, IT SHOULD BE WET DOWN WITH A FINE SPRAY JUST PRIOR TO LAYING THE SOOT.

- [illegible]



CITY OF PEMBROKE PINES
ENVIRONMENTAL SERVICES
8300 SOUTH PALM DRIVE
PEMBROKE PINES, FLORIDA 33025
TEL: (954) 518-9040

DRAWN BY: M.U.	DATE: 7/10/18
DESIGNED BY: K.K	SCALE: 1:30
CHECKED BY: K.K	

SEAL:

KARL M. KENNEDY, P.E.

LICENSE NO.: 48838

DATE

PROGRESS DESIGN

GRADING PLAN

CHAPEL TRAILS PARK
19351 TAFT STREET, PEMBRO

SHEET TITLE:

PROJECT:

CHAPEL TRAILS PARK



S:\Engineering\Chapel Trails Park Modifications\CADD\C4_Details & General Notes.dwg

1. CONTRACTOR SHALL FIELD STAKE THE FOUR (4) CORNERS AND HALFWAY LINE AT THE INTERSECTION WITH THE "TOUCHSTONE" FIELD. FOR THE THREE (3) PROPOSED FIELDS TO ALLOW FOR CITY OVERALL FIELD AREAS OF FIELD #6-1, CITY CONTRACTION/REPAIR/REPAIR, THAT THE LAYOUTS OF THE PROPOSED SOCCER FIELDS FIT WITHIN THE EXISTING OVERALL FIELD AREAS OF FIELD AREA 1 IS A PRELIMINARY/CONDITION OF THE START OF ANY PLUGGING/RELATED CONSTRUCTION ACTIVITIES.
2. EXISTING FIELD UNDERDRAIN PIPING SYSTEM INSTALLED WITHIN THE EASTERN PORTION OF THE EXISTING SOCCER FIELDS AS SHOWN ON THE GRADING PLAN, SHEET C-3, IS ONLY APPROXIMATE. THE EXISTING UNDERDRAIN SYSTEM SHALL BE MAINTAINED AND PROTECTED AGAINST DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE EXISTING UNDERDRAIN SYSTEM. RESPONSIBILITY FOR ANY ADDITIONAL COSTS TO THE CITY FOR THE COMPLETION OF ANY REQUIRED REPAIRS TO THE UNDERDRAIN SYSTEM AS MAY BE NECESSARY DUE TO ANY DAMAGE RESULTING FROM CONSTRUCTION RELATED ACTIVITIES.
3. FIELD FILL MATERIAL SHALL BE CLEAN ANGULAR SILICA SAND WITH 85% BEING MEDIUM GRADE (0.25 MM TO 0.50 MM) AND COARSE SIZED (0.5 MM TO 1.0 MM) PLACED IN MAXIMUM 8" THICK LAYERS AND COMPACTED TO 90% OF MAXIMUM DRY DENSITY PER ASTM D-1586.
4. FINISHED GRADED FIELD AREAS APPROVED BY THE CITY SHALL BE SOVED WITH DENSE AND WELL KNT SOIL GROWN ON COMPATIBLE SAND MATERIAL (NOT GROWN ON HARDY SOILS) AS THE FIELD SAND FILL MATERIAL, AND MEETING THE FOLLOWING REQUIREMENTS/CONDITIONS:
 - QUALITY SOIL SHALL BE PROVIDED THAT HAS A MAXIMUM ROOT AND SOIL THICKNESS OF ONE-INCH TO THREE-CORNERS OF AN INCH FOR ATHLETIC FIELD INSTALLATION USE.
 - THE SOIL SHALL BE CUT AS THIN AS POSSIBLE IN LONG STRIPS THAT CAN BE ROLLED TO QUICKLY UNROLLING AND TO ALLOW FOR SOIL TO BE BETTER WHEN PLACED AND TO ROOT QUICKER.
 - THE SOIL SHALL BE LAY IN STRIPS 12 TO 18 INCHES WIDE AND 1 TO 6 FEET LONG TO ALLOW FOR CONVENIENT SIZED ROLLS THAT CAN BE REWIND/HANDLED AND EASILY PLACED.
 - THE FINISHED FIELD GRADING AREA SHALL BE PROPERLY PREPARED AS A "SOBER" INCLUDING APPLICABLE LIMING, FERTILIZING, AND SOIL CONDITIONING. PRIOR TO THE PLACEMENT/INSTALLATION OF THE SOIL, THE SURFACE OF THE FINISHED FIELD GRADING SHOULD BE FIRMED BY ROLLING AND IF DRY, IT SHOULD BE WET DOWN WITH A FINE SPRAY JUST PRIOR TO LAVING THE SOIL.
 - THE FIRST COURSE OF SOIL SHOULD BE LAY TO A LINE THAT HAS BEEN SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE SECOND COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE THIRD COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE FOURTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE FIFTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE SIXTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE SEVENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE EIGHTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE NINTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE ELEVENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWELFTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE THIRTEENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE FOURTEENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE FIFTEENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE SIXTEENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE SEVENTEENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE EIGHTEENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE NINETEENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTIETH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTY-FIRST COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTY-SECOND COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTY-THIRD COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTY-FOURTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTY-FIFTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTY-SIXTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTY-SEVENTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTY-EIGHTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE TWENTY-NINTH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE THIRTIETH COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE THIRTY-FIRST COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE THIRTY-SECOND COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. THE THIRTY-THIRD COURSE SHALL BE SQUARED TO THE LONG CORNERS AND LAY OF THE FIELD SOIL. 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1. 4" CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3,500 PSI IN 28 DAYS ON 12" SUBGRADE COMPACTED TO 95% OF MAXIMUM DENSITY PER ASTM D 1557

2. FINISHED SOD ABUTTING EDGES OF CONCRETE APRON SHALL BE PLACED TO BE NO HIGHER THAN FLUSH WITH THE FINISHED SURFACE/ELEVATION OF THE CONCRETE.

N.T.S.

N.T.S.

100 YARDS x 70 YARDS
(300' L x 210' W)



N.T.S.

60 YARDS x 35 YARDS
(180' L x 105' W)

REVISIONS



DATE: 7/10/18

KARL M. KENNEDY, P.E.
LICENSE NO.: 48838

PROGRESS DESIGN

CHAPEL TRAILS PARK

C-4

SHEET: 4 OF 4

