



Jonathan P. Steverson
Executive Director

Northwest Florida Water Management District

Carr Building, Suite 225, 3800 Commonwealth Blvd., MS LS225,
Tallahassee, Florida 32399
(850) 921-2986 (Fax) 921-3082

November 26, 2012

Shinning Su , Sr. Design Engineer
Leon County Board of County Commissioners
Public Works Department
2280 Miccosukee Rd
Tallahassee, FL 32308

Re: Notice of Final Agency Action - Approval
Individual Environmental Resource Permit
Project Name: Apalachee Regional Park Ball Fields Stormwater Mitigation
Permit Number: 1434

Dear Shinning Su:

Enclosed is the approved Environmental Resource Permit authorized by the Northwest Florida Water Management District for the above referenced application on November 26, 2012. Please be sure to read the enclosed permit and all exhibits in their entirety, paying close attention to reporting and other permit conditions that may require additional action by you or your representatives, before, during, and after the completion of the permitted activity. For your convenience, required information may be submitted via the internet at http://www.nfwmd.state.fl.us/permits/erp/epermit_home.html or in writing to this office at:

Northwest Florida Water Management District
Carr Building, Suite 225 3800 Commonwealth Blvd., MS LS225
Tallahassee, FL 32399

Please be advised that you are required to fully execute and submit the following documents:

- "Construction Commencement Notice" [form 62-346.900(3)] - Submitted to the District no later than 48 hours prior to commencement of any part of the activity authorized by the enclosed permit.
- "As-Built Certification By a Registered Professional" [form 62-346.900(4)] - Submitted to the District no later than 30 days after the activity has been completed
- "Request for Conversion of an Environmental Resource Permit Construction Phase to Operation and Maintenance Phase" [form 62-346.900(6)] - Submitted to the District concurrent with the submittal of the "As-Built Certification by a Registered Professional."

Copies of these and other ERP forms are available for download on the District website at http://www.nfwmd.state.fl.us/permits/erp/erp_downloads.htm#erp_forms.

GEORGE ROBERTS
Chair
Panama City

JERRY PATE
Vice Chair
Pensacola

JOYCE ESTES
Secretary-Treasurer
Eastpoint

JOHN ALTER
Malone

GUS ANDREWS
DeFuniak Springs

STEPHANIE BLOYD
Panama City Beach

JON COSTELLO
Tallahassee

NICK PATRONIS
Panama City Beach

Shinming Su
November 26, 2012
Page 2

Please be advised that the District has not published a notice in a newspaper of local circulation advising the public that a permit has been issued for this activity. Publication, using the District form, notifies the public of their rights to challenge the issuance of this permit. If proper notice is given by publication, third parties have a 21-day time limit to file a petition opposing the issuance of the permit. If you do not publish, a party's right to challenge the issuance of the permit may extend indefinitely. If you wish to have certainty that the period for filing such a challenge is closed, then you may publish, at your expense, such a notice in a newspaper of general circulation. A copy of the form of the notice and a list of newspapers of general circulation is attached for your information. If you choose to publish such a notice, please submit a copy to the District for our records.

The issuance of an Environmental Resource Permit for this activity does not eliminate the need to obtain all necessary permits or approvals from other agencies.

Should you have any questions regarding your permit, its conditions, or additional forms or information you need to submit, please contact your permit reviewer, Belinda Wise, P.E., at 850-921-2986, or by e-mail: Belinda.Wise@nwfwmfmd.state.fl.us.

Sincerely,



Michael Bateman
Deputy Chief, Bureau of Environmental Resource Regulation

cc:

Enc:

Environmental Resource Permit Number: 1434
Construction Commencement Notice [Form 62-346.900(3)]
As-Built Certification by a registered Professional [Form 62-346.900(4)]
Request for Conversion of an Environmental Permit Construction Phase to
Operation and Maintenance Phase [62-346.900(6)]
Notice of Rights
Sample Newspaper Notice

**NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT
INDIVIDUAL ENVIRONMENTAL RESOURCE PERMIT**

PERMIT NUMBER: 1434

DATE ISSUED: November 26, 2012

PROJECT NAME: Apalachee Regional Park Ball Fields Stormwater Mitigation

CONSTRUCTION PHASE EXPIRATION DATE: November 26, 2017

A PERMIT AUTHORIZING:

The construction of a surface water management system at 7550 Apalachee Parkway. The surface water management facility will include the construction, operation and maintenance of a dry detention with filtration pond designed to treat 1.27 acre-feet of runoff from the site. Additionally, the District has determined that impacts to 0.05 acres of other surface waters along the north side of the football fields will have minimal insignificant individual or cumulative adverse impacts on the water resources of the District and is therefore exempt under Section 373.406(6), F.S from the need to obtain a permit under Section 373.4145, F.S. or Chapter 62-346, F.A.C.

LOCATION:

City: Tallahassee

County: Leon

Address: 7550 Apalachee Parkway

Section(s): 5

Township(s): 1S

Range(s): 2E

Latitude: 30° 25' 14" N

Longitude: 84° 09' 09" W

ISSUED TO:

Applicant

Leon County Board of County Commissioners

2280 Miccosukee Rd

Tallahassee, FL 32308

Permittee agrees to hold and save the Northwest Florida Water Management District and its successors harmless from any and all damages, claims, or liabilities which may arise from permit issuance. Said application, including all plans and specifications attached thereto, is by reference made a part hereof.

This permit does not convey to any permittee any property rights nor any rights or privileges other than those specified herein, nor relieve the permittee from complying with any law, regulation or requirement affecting the rights of other bodies or agencies. All structures and works installed by permittee hereunder shall remain the property of the permittee.

This permit is issued pursuant to Part IV of Chapter 373, Florida Statute (F.S.), and Chapter 62-346, Florida Administrative Code, (F.A.C.), and may be revoked, modified or transferred at any time pursuant to the appropriate provisions of Chapter 373, Florida Statutes.

This permit also constitutes certification compliance with water quality standards under Section 401 of the Clean Water Act, 33 U.S. Code 1341.

PERMIT IS CONDITIONED UPON:

See conditions on attached "Exhibit A", dated November 26, 2012

See conditions on attached "Exhibit B", dated November 26, 2012

Leon County Board of County Commissioners

Permit Number: 1434

November 26, 2012

Page 2 of 10

AUTHORIZED BY: Northwest Florida Water Management District
Division of Resource Regulation

By: 

Michael Edgar, Director, Division of Resource Regulation

Exhibit A
Specific Conditions

The following conditions are in addition to those listed in exhibit B, as provided for in subsection 62-346.381(2), Florida Administrative Code (F.A.C.).

General Specific Conditions

1. Once project construction has been deemed complete, including the re-stabilization of all side slopes, embankments, and other disturbed areas, and before the transfer to the Operation and Maintenance phase, all obsolete erosion control materials shall be removed.
2. Record-keeping. The permittee shall be responsible for keeping records documenting that relevant permit conditions are met. This documentation shall include, at a minimum, the date of each inspection, the name and qualifications of the inspector, any maintenance actions taken, and a determination by the inspector as to whether the system is operating as intended.

Detention with Filtration

3. Grassed areas of the stormwater system shall be mowed regularly in order to be kept at a manageable length as required for system functionality, maintenance, and safety.
4. A documented, full-scale in-situ drawdown test shall be performed with sufficient detail to demonstrate that the treatment volume is recovered within 72 hours. The test shall consist of measuring the time for the system to recover the volume of water as defined between the permitted water quality volume stage and the elevation of the bottom of the pond. Testing consists of recording observed stage elevations on the staff gauge beginning when the pond is filled by a storm event, followed by recorded observations over the next 72 hours. The full 72 hour period need not be observed if sufficient stage/time data points are recorded to demonstrate that infiltration rates represented by the design infiltration curve are met or exceeded. Field tests must be conducted:
 - a. Once within each calendar year following the conversion to the Operation and Maintenance phase for a period of 3 years (minimum of three tests). Upon continued demonstration of successful volume recovery for 3 consecutive years, the testing frequency shall be reduced to once every 3 years. Failure of any drawdown test will necessitate corrective action and will require the District to re-evaluate testing protocols for any filter system in violation of this condition.
 - b. If lack of rain precludes the ability to perform the drawdown test, the permittee must document such by referencing local rainfall records, on-site rain gauges, Palmer Drought Index, Standardized Precipitation Index (SPI), or the US Drought Monitor, etc. Testing must be accomplished as soon as rainfall is sufficient to fill the basin.
5. In order to facilitate the required drawdown test, a depth gauge, staff gauge or equivalent shall be installed and maintained inside each filter pond. The gauge shall meet the following guidelines:
 - a. The gauge shall be installed in the pond bottom or any permanent vertical surface

Exhibit A (cont'd)

extending from the pond bottom, and rise vertically to a height equal to the treatment volume stage elevation, plus one foot.

- b. The gauge shall be marked in one tenth foot increments with vertical elevations indicated at one foot intervals, or be marked with a similar style approved by the District. The elevation representing the treatment volume stage shall be clearly indicated, and shall be verified by survey.
- c. The gauge shall be mounted and stabilized to prevent movement due to reasonably anticipated conditions.
6. The permittee shall perform annual field inspections of each filtration basin and maintain record-keeping in accordance with these conditions and any additional measures required by the Maintenance Plan developed by the Registered Professional.
7. The stormwater system shall be inspected for accumulation of debris and trash. Accumulations of debris and trash that negatively affect the function of the system shall be removed upon discovery.
8. The stormwater system bottom shall be inspected for silt accumulation. Significant accumulations of silt that negatively affect the function of the system shall be removed.
9. The permittee shall provide an inspection report to the District each year, and reports shall be due within 30 days of the anniversary date of conversion to the Operation and Maintenance phase. Reports shall include at a minimum, results of drawdown tests describing the conditions of the test, the duration, methods and results; all summary of all field inspections conducted; a summary of all maintenance performed at each pond. However, a report shall be submitted to the District within 30 days of any system failure or non-compliance with permit conditions. Upon continued demonstration of successful volume recovery for 3 consecutive years, the inspection and reporting frequency shall be reduced to once every 3 years. The report to be submitted to the District shall be signed & sealed by a registered professional.

Karst Features

10. If unanticipated limestone formations are encountered during construction of the retention basins, or a sinkhole or solution cavity forms during construction, construction of the basin must be halted immediately and the District must be notified. Remedial action will be required.
11. If during construction or operation of the stormwater management system, a structural failure is observed that has the potential to cause the direct discharge of surface water into the Floridan Aquifer System, corrective actions designed or approved by a registered professional shall be taken as soon as practical to correct the failure. A report prepared by a registered professional must be provided as soon as practical to the District for review and approval that provides reasonable assurance that the breach will be permanently corrected.
12. The permittee must visually inspect all permitted stormwater systems at least annually for the occurrence of sinkholes and report routine inspection results at least every third year.

Exhibit B

*Conditions for Issuance of an Individual Permit (Rule 62-346.301, F.A.C.),
Additional Conditions for Issuance of Individual and Conceptual Approval Permits (Rule
62-346.302, F.A.C.), and
General and Special Limiting Conditions (Rule 62-346.381, F.A.C.).
(all Rules Effective November 1, 2010)*

62-346.301 Conditions for Issuance of Individual Permits.

(1) In order to obtain an individual permit under this chapter, an applicant must provide reasonable assurance that the construction, alteration, operation, maintenance, removal, or abandonment of a surface water management system:

- (a) Will not cause adverse water quantity impacts to receiving waters and adjacent lands;
- (b) Will not cause adverse flooding to on-site or off-site property;
- (c) Will not cause adverse impacts to existing surface water storage and conveyance capabilities;
- (d) Will not adversely impact the value of functions provided to fish and wildlife and listed species by wetlands and other surface waters.
- (e) Will not cause a violation of the water quality standards set forth in Chapters 62-4, 62-302, 62-520, 62-522, and 62-550, F.A.C., including the provisions of Rules 62-4.243, 62-4.244 and 62-4.246, F.A.C., the antidegradation provisions of paragraphs 62-4.242(1)(a) and (b), F.A.C., subsections 62-4.242(2) and (3), F.A.C., and Rule 62-302.300, F.A.C., and any special standards for Outstanding Florida Waters and Outstanding National Resource Waters set forth in subsections 62-4.242(2) and (3), F.A.C.;
- (f) Will not cause adverse secondary impacts to the water resources and not otherwise adversely impact the maintenance of surface or ground water levels or surface water flows established pursuant to Section 373.042, F.S.
- (g) Will be capable, based on generally accepted engineering and scientific principles, of being performed and of functioning as proposed;
- (h) Will be conducted by an entity with the financial, legal and administrative capability of ensuring that the activity will be undertaken in accordance with the terms and conditions of the permit, if issued; and
- (i) Will comply with any applicable special basin or geographic area criteria rules incorporated by reference in this chapter. When karst features exist on the site of a proposed stormwater management system, in addition to paragraphs (a) through (h) above, the applicant must provide reasonable assurance that untreated stormwater from the proposed system will not reach the Floridan Aquifer through sinkholes, solution pipes, or other karst features.

(2) In instances where an applicant is unable to meet water quality standards because existing ambient water quality does not meet standards and the system will contribute to this existing condition, mitigation for water quality impacts can consist of water quality enhancement. In these cases, the applicant must implement mitigation measures that are proposed by or acceptable to the applicant that will cause net improvement of the water quality in the receiving waters for those parameters that do not meet standards.

(3) In addition to the criteria in subsections 62-346.301(1) and (2), F.A.C., an applicant proposing the construction, alteration, operation, maintenance, abandonment, or removal of a dry storage facility for 10 or more vessels that is functionally associated with a boat launching area must provide reasonable assurance that the facility, taking into consideration any secondary impacts, will meet the public interest test of Section 373.414(1)(a), F.S., including the potential adverse impacts

Exhibit B (cont'd)

to manatees.

(4) The standards and criteria, including the provisions for elimination or reduction of impacts, and the mitigation provisions contained in sections 10.2.1 through 10.2.1.3 and sections 10.3 through 10.3.8, respectively, of Applicant's Handbook Volume I adopted by reference in Rule 62-346.091, F.A.C., shall determine whether the reasonable assurances required by subsection 62-346.301(1) and Rule 62-346.302, F.A.C., have been provided, as applicable. Forms for demonstrating that an applicant has met the financial responsibility requirements of sections 10.3.7 through 10.3.7.9 of Applicant's Handbook Volume I are hereby adopted and incorporated by reference as:

(a) Form 62-346.900(12), "State of Florida Performance Bond To Demonstrate Financial Assurance for Mitigation" November 1, 2010;

(b) Form 62-346.900(13), "State of Florida Irrevocable Letter of Credit To Demonstrate Financial Assurance for Mitigation" November 1, 2010;

(c) Form 62-346.900(14), "Certificate I To _____ (Name of Issuing Bank) Irrevocable Letter of Credit No. _____" November 1, 2010;

(d) Form 62-346.900(15), "Certificate II To _____ (Name of Issuing Bank) Irrevocable Nontransferable Standby Letter of Credit No. _____" November 1, 2010;

(e) Form 62-346.900(16), "State of Florida Standby Trust Fund Agreement to Demonstrate Financial Assurance for Mitigation Activities" November 1, 2010;

(f) Form 62-346.900(17), "State of Florida Trust Fund Agreement to Demonstrate Financial Assurance for Mitigation Activities" November 1, 2010.

These forms are contained in Appendix C of the "Department of Environmental Protection and Northwest Florida Water Management District Environmental Resource Permit Applicant's Handbook-Volume I (General and Environmental)," and may be obtained from the locations provided in Rule 62-346.900, F.A.C.

Rulemaking Authority 373.026(7), 373.043, 373.4145, 373.418, 403.805(1) FS. Law Implemented 373.042, 373.409, 373.413, 373.4142, 373.4145, 373.416, 373.4132, 373.426, 373.429 FS. History- New 10-1-07, Amended 11-1-10.

62-346.302 Additional Conditions for Issuance of Individual and Conceptual Approval Permits.

(1) In addition to the conditions set forth in Rule 62-346.301, F.A.C., in order to obtain an individual (including conceptual approval) permit under this chapter, an applicant must provide reasonable assurance that the construction, alteration, operation, maintenance, removal, and abandonment of a system:

(a) Located in, on, or over wetlands or other surface waters will not be contrary to the public interest, or if such an activity significantly degrades or is within an Outstanding Florida Water, that the activity will be clearly in the public interest, as determined by balancing the following criteria as set forth in sections 10.2.3 through 10.2.3.7 of Applicant's Handbook Volume I adopted by reference in Rule 62-346.091, F.A.C.:

1. Whether the activity will adversely affect the public health, safety, or welfare or the property of others;

2. Whether the activity will adversely affect the conservation of fish and wildlife, including endangered or threatened species, or their habitats;

3. Whether the activity will adversely affect navigation or the flow of water or cause harmful erosion or shoaling;

4. Whether the activity will adversely affect the fishing or recreational values or marine productivity in the vicinity of the activity;

Exhibit B (cont'd)

5. Whether the activity will be of a temporary or permanent nature;
6. Whether the activity will adversely affect or will enhance significant historical and archaeological resources under the provisions of Section 267.061, F.S.; and
7. The current condition and relative value of functions being performed by areas affected by the proposed activity.
 - (b) Will not cause unacceptable cumulative impacts upon wetlands and other surface waters as set forth in sections 10.2.8 through 10.2.8.2 of Applicant's Handbook Volume I.
 - (c) Located in, adjacent to or in close proximity to Class II waters or located in Class II waters or Class III waters classified by the Department of Agriculture and Consumer Services as approved, restricted, conditionally approved, or conditionally restricted for shellfish harvesting as set forth or incorporated by reference in Chapter 5L-1, F.A.C. (July 29, 2008), will comply with the additional criteria in section 10.2.5 of Applicant's Handbook Volume I.
 - (d) Which constitute vertical seawalls in estuaries or lagoons, will comply with the additional criteria provided in section 10.2.6 of Applicant's Handbook Volume I.
- (2) When determining whether a permit applicant has provided reasonable assurances that the Department's permitting standards will be met, the Department shall take into consideration the applicant's violation of any Department rules adopted pursuant to Sections 403.91 through 403.929, F.S., (1984 Supp.), as amended, or any Department rules adopted pursuant to Part IV, Chapter 373, F.S., relating to any other project or activity and efforts taken by the applicant to resolve these violations.

Rulemaking Authority 373.026(7), 373.043, 373.414(9), 403.805(1) FS. Law Implemented 373.042, 373.413, 373.414, 373.416, 373.426, 380.23 FS. History-New 11-1-10.

62-346.381 General and Special Limiting Conditions.

- (1) The following general conditions shall be applicable to and binding on all individual permits issued pursuant to this chapter, unless the conditions are not applicable to the activity authorized by the permit, or where the conditions must be modified to accommodate unique, project-specific conditions.
 - (a) All activities authorized by this permit shall be implemented as set forth in the plans, specifications and performance criteria approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity may constitute grounds for revocation or enforcement action by the Department, unless a modification has been applied for and approved in accordance with Rule 62-346.100, F.A.C.
 - (b) This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications, shall be kept at the work site of the permitted activity during the construction phase. The complete permit shall be available for review at the work site upon request by the Department staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit. A weather-resistant sign, measuring at least 8 1/2 inches by 11 inches, and including the permit number (in lettering that is easily visible from the access road) shall be placed on the property facing the road.
 - (c) Activities approved by this permit shall be conducted in a manner that does not cause violations of state water quality standards.
 - (d) Immediately prior to, during construction, and for the period of time after construction to allow for stabilization of all disturbed areas, the permittee shall implement and maintain erosion and sediment control best management practices, such as silt fences, erosion control blankets, mulch, sediment traps, polyacrylamide (PAM), temporary grass seed, permanent sod, and floating turbidity screens to retain sediment on-site and to prevent violations of state water quality standards. These

Exhibit B (cont'd)

devices shall be installed, used, and maintained at all locations where the possibility of transferring suspended solids into the receiving waterbody exists due to the permitted work, and shall remain in place at all locations until construction is completed and soils are permanently stabilized. All best management practices shall be in accordance with the guidelines and specifications described in the State of Florida Erosion and Sediment Control Designer and Reviewer Manual (Florida Department of Transportation and Florida Department of Environmental Protection, 2007), unless a project-specific erosion and sediment control plan is approved as part of the permit. If project-specific conditions require additional measures during any phase of construction or operation to prevent erosion or control sediments beyond those specified in the approved erosion and sediment control plan, the permittee shall implement additional best management practices as necessary, in accordance with the guidelines and specifications in the State of Florida Erosion and Sediment Control Designer and Reviewer Manual, Prepared for Florida Department of Transportation & Florida Department of Environmental Protection by HydroDynamics Incorporated in cooperation with Stormwater Management Academy, June 2007. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources as soon as practicable. Once project construction has been deemed complete, including the re-stabilization of all side slopes, embankments, and other disturbed areas, and before conversion of the permit to the operation and maintenance phase, all silt screens and fences, temporary baffles, and other materials that are no longer required for erosion and sediment control shall be removed.

(e) Stabilization measures shall be initiated for erosion and sediment control on disturbed areas as soon as practicable in portions of the site where construction activities have temporarily or permanently ceased, but in no case more than seven days after the construction activity in that portion of the site has temporarily or permanently ceased.

(f) At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the Department a fully executed Form 62-346.900(3), "Construction Commencement Notice," incorporated by reference herein, indicating the expected start and completion dates. Information on how a copy of this form may be obtained is contained in Rule 62-346.900, F.A.C.

(g) Within 30 days after completion of construction of the whole system, or independent portion of the system, the permittee shall notify the Department that construction has been completed and the system is ready for inspection by submitting one of the following forms to the Department office that issued the permit:

1. For systems other than those that serve an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex, Form 62-346.900(4), "As-Built Certification by a Registered Professional." If the registered professional has certified that the system has been built substantially in compliance with the plans and specifications in the permit, and that such system is ready for inspection, the permittee shall also submit Form 62-346.900(6), "Request for Conversion of Environmental Resource Individual Permit Construction Phase to Operation and Maintenance Phase." The system shall not be used and operated for its permitted purpose until the Department has approved the request to authorize the operation phase, in accordance with Rule 62-346.095, F.A.C. The "As-Built Certification" shall be for the purpose of determining if the work was completed in substantial compliance with permitted plans and specifications. The certification shall include as-built drawings in the form of the permitted drawings that clearly show any substantial deviations made during construction. The plans must be clearly labeled as "as-built" or "record" drawings.

2. For systems that serve an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex, Form 62-346.900(5), "Construction Completion and Inspection Certification for a System Serving an Individual, Private Single-Family Dwelling Unit."

(h) Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of the

Exhibit B (cont'd)

facility, or the site infrastructure located within the area served by that portion or phase of the system.

(i) The permittee shall remain liable for compliance with the operation and maintenance of the system in accordance with the terms and conditions of the permit for the life of the system, unless such permit is transferred to an acceptable responsible entity in accordance with Rules 62-346.095 and 62-346.130, F.A.C. Once transfer of the permit has been approved by the Department, the transferee shall be liable for compliance with all the terms and conditions of the operation and maintenance phase of the permit for the life of the system.

(j) Should any other regulatory agency require changes to the permitted system, the permittee shall notify the Department in writing of the changes prior to implementation so that the Department can determine whether a permit modification is appropriate.

(k) This permit does not convey to the permittee or create in the permittee any property right or any interest in real property, nor does it authorize any entrance upon or activities on property that is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in this permit or Chapter 62-346, F.A.C. Permittees having the right to exercise the power of eminent domain or who had a contract to purchase the property subject to this permit shall not commence any work under this permit until the permittee has provided the Department with proof of transfer of ownership of the property in the name of the permittee. If such transfer of ownership does not occur, the permittee shall surrender this permit, and the permit shall be null and void.

(l) Pursuant to Section 373.422, F.S., prior to conducting any activities on sovereign submerged lands, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.

(m) The permittee shall hold and save the Department harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the permit.

(n) The permittee shall notify the Department in writing at least 30 days prior to any sale, conveyance, or other transfer of ownership or control of a permitted system or the real property on which the permitted system is located. Where ownership of the land subject to the permit was demonstrated through a long-term lease, the lessee must have transferred ownership and control of the permitted system to the current landowner or new lessee, effective prior to or on the date of expiration of the lease. All transfers of ownership or transfers of a permit are subject to the requirements of Rules 62-346.095 and 62-346.130, F.A.C.

(o) Upon reasonable notice to the permittee, Department staff with proper identification shall have permission to enter, inspect, sample and test the system to ensure conformity with the plans and specifications authorized in the permit.

(p) If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the Department.

(q) The permittee shall immediately notify the Department in writing of any previously submitted information that is later discovered to be inaccurate.

(r) The issuance of this permit does not relieve the permittee from the responsibility to obtain any other required federal, state, and local authorizations.

(s) The permittee is advised that, pursuant to Section 556.105, F.S., excavating contractors are required to provide certain information concerning the excavation that may affect underground facilities through the one-call notification system not less than two, nor more than five, business days before beginning any excavation.

(2) In addition to those general conditions set forth in subsection (1) above, the Department shall impose on any individual permit granted under this chapter such reasonable project-specific special

Exhibit B (cont'd)

conditions as are necessary to assure that the permitted system will not be harmful to the water resources, as set forth in Rules 62-346.301 and 62-346.302, as applicable, F.A.C., and the Applicant's Handbook Volumes I and II.

Rulemaking Authority 373.026(7), 373.043, 373.4145, 373.418, 403.805(1) FS. Law Implemented 373.117, 373.409, 373.413, 373.4142, 373.4145, 373.416, 373.418, 373.419, 373.422, 373.423, 373.426, 373.428, 403.0877 FS. History-New 10-1-07, Amended 11-1-10.



Notice of Rights

The following information addresses the procedures to be followed if you desire an administrative hearing or other review of the agency action.

PETITION FOR FORMAL ADMINISTRATIVE PROCEEDINGS

Any person whose substantial interests are or may be affected by the action described in the enclosed Notice of Agency Action, may petition for an administrative hearing in accordance with the requirements of section 28-106.201, Florida Administrative Code, or may choose to pursue mediation as an alternative remedy under section 120.573, Florida Statutes, before the deadline for filing a petition. Pursuit of mediation will not adversely affect the right to administrative proceedings in the event mediation does not result in a settlement. Petitions for an administrative hearing must be filed with the Agency Clerk of the Northwest Florida Water Management District, 81 Water Management Drive, Havana, Florida 32333-9700 by the deadline specified in the attached cover letter. Failure to file a petition within this time period shall constitute a waiver of any rights such person may have to request an administrative determination (hearing) under sections 120.569 and 120.57, Florida Statutes, concerning the subject permit application. Petitions which are not filed in accordance with the above provisions are subject to dismissal.

DISTRICT COURT OF APPEAL

A party who is adversely affected by final agency action on the permit application and who has exhausted available administrative remedies is entitled to judicial review in the District Court of Appeal pursuant to section 120.68, Florida Statutes. Review under section 120.68, Florida Statutes, is initiated by filing a Notice of Appeal in the appropriate District Court of Appeal in accordance with Florida Rule of Appellate Procedure 9.110.

SECTION 28-106.201, FLORIDA ADMINISTRATIVE CODE,
INITIATION OF PROCEEDINGS

- (1) Unless otherwise provided by statute, initiation of proceedings shall be made by written petition to the agency responsible for rendering final agency action. The term "petition" includes any document that requests an evidentiary proceeding and asserts the existence of a disputed issue of material fact. Each petition shall be legible and on 8½ by 11 inch white paper. Unless printed, the impression shall be on one side of the paper only and lines shall be double-spaced.
- (2) All petitions filed under these rules shall contain:
 - (a) The name and address of each agency affected and each agency's file or identification number, if known;
 - (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
 - (c) A statement of when and how the petitioner received notice of the agency decision;
 - (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
 - (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;
 - (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and
 - (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.
- (3) Upon receipt of a petition involving disputed issues of material fact, the agency shall grant or deny the petition, and if granted shall, unless otherwise provided by law, refer the matter to the Division of Administrative Hearings with a request that an administrative law judge be assigned to conduct the hearing. The request shall be accompanied by a copy of the petition and a copy of the notice of agency action.

Specific Authority 120.54(3), (5), F.S.

Law Implemented 120.54(5), 120.569, 120.57, F.S., 28-106.201, F.A.C.

History – New 4-1-97, Amended 9-17-98, Chapter 28 revised 1-15-2007.

NOTICING PUBLICATION INFORMATION

The District's action regarding the issuance or denial of a permit, a petition or qualification for an exemption only becomes closed to future legal challenges from members of the public ("third parties"), if 1) "third parties" have been properly notified of the District's action regarding the permit or exemption, and 2) no "third party" objects to the District's action within a specific period of time following the notification.

Notification of "third parties" is provided through publication of certain information in a newspaper of general circulation in the county where the proposed activities are to occur. Publication of notice informs "third parties" of their right to have a 21-day time limit in which to file a petition opposing the District's action. However, if no notice to "third parties" is published, there is no time limit to a party's right to challenge the District's action. The District has not published a notice to "third parties" that it has taken final action on your application. If you want to ensure that the period of time in which a petition opposing the District's action regarding your application is limited to the time frame state above, you may publish, at your own expense, a notice in a newspaper of general circulation. A copy of the Notice of Agency Action the District uses for publication is attached. You may use this format or create your own, as long as the essential information is included.

If you do decide to publish a Notice of Final Agency Action, please provide the District a copy of the Proof of Publication when you receive it. That will provide us notice that action on this permit application is closed after the 21 days following publication.

Notice to the Tallahassee Democrat Legal Ads
tdlegals@tallahassee.com Contact person: Cassandra Moore
Please publish the following legal notice one time only on the earliest available date.
This should be an in-column ad and not a display ad.
Fax proof copy to Shinming Su at 850-606-1501
Contact me, Shinming Su, at 850-606-1544 for payment instructions.
I will need a Proof of Publication.

Notice of Final Agency Action Taken by the
Northwest Florida Water Management District

Notice is given that stormwater permit number 1434 was issued on November 26, 2012, to Leon County Board of County Commissioners for the construction of a surface water management system at 7550 Apalachee Parkway. The project includes two newly constructed ball fields (196,427 square feet), the existing gravel parking (27,912 square feet), and the proposed impervious parking (11,000 square feet) and a dry detention with filtration facility.

The file containing the application for this permit is available for inspection Monday through Friday (except for legal holidays), 8:00 a.m. to 5:00 p.m. at the Northwest Florida Water Management District's ERP Office, Carr Building, Suite 225 3800 Commonwealth Blvd., MS LS225, Tallahassee, FL 32399.

A person whose substantial interests are affected by the District permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S., or may choose to pursue mediation as an alternative remedy under Section 120.573, Florida Statutes, and Rules 28-106.111 and 28-106.401-404, Florida Administrative Code. Petitions must comply with the requirements of Florida Administrative Code, Chapter 28-106 and be filed with (received by) the District Clerk located at District Headquarters, 81 Water Management Drive, Havana, FL 32333-4712. Petitions for administrative hearing on the above application must be filed within twenty-one (21) days of publication of this notice or within twenty-six (26) days of the District depositing notice of this intent in the mail for those persons to whom the District mails actual notice. Failure to file a petition within this time period shall constitute a waiver of any right(s) such person(s) may have to request an administrative determination (hearing) under Sections 120.569 and 129.57, F.S., concerning the subject permit. Petitions which are not filed in accordance with the above provisions are subject to dismissal.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the District's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the District on the application have the right to petition to become a party to the proceedings, the accordance with the requirements set forth above.

NWFWMD

ERP Permit Number

1434

Project Name:

Apalachee Regional Park Ball Fields Stormwater Mitigation

Issue Date:

November 26, 2012

Construction Expiration Date:

November 26, 2017

Construction Commencement Notice

Permit No. _____ Date Issued _____ Expiration Date _____

Identification or Name of Surface Water Management System: _____

Phase of Surface Water Management System (if applicable): _____

Name of Permit Holder: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone: _____ Fax: _____ E-mail: _____

The undersigned hereby notifies the agency below that the construction of this surface water management system is expected to commence on _____ (mm/dd/yyyy) and is expected to be completed by _____ (mm/dd/yyyy).

Signature of Permit Holder or Authorized Agent _____ Date _____

Title (if any)

Complete the following if an authorized agent signs above:

Name of Authorized Agent: _____

Agent Mailing Address: _____

Agent City: _____ State: _____ Zip Code: _____

Agent Telephone: _____ Fax: _____ E-mail: _____

For activities regulated by the Northwest Florida Water Management District, submit this form to one of these offices.

<p>NWFWMD-Crestview Field Office 800 Hospital Drive Crestview, Florida 32539 Fax: (850) 683-5050 For activities in Escambia, Santa Rosa, Walton, Okaloosa, Holmes, Bay, and Washington Counties</p>	<p>NWFWMD-Tallahassee Field Office Carr Building, Suite 225 3800 Commonwealth Boulevard, MS LS225 Tallahassee, Florida 32399-3000 Fax: (850) 921-3082 For activities in Jefferson, Leon, Liberty, Wakulla, Gadsden, Franklin, Gulf, Calhoun, and Jackson counties</p>
---	---



APALACHEE REGIONAL PARK BALL FIELDS STORMWATER MITIGATION

Permitted
Plans

CONSTRUCTION SEQUENCE:

1. The contractor shall request an on-site pre construction conference with Leon County Environmental Compliance Division prior to any construction activity.
2. The contractor shall first construct sedimentation/erosion controls and then clearly "flag" the limits of construction. Construction activity shall not commence until the sediment controls have been inspected and approved by the Leon County Environmental Inspector.
3. The contractor shall verify location of all above ground and underground utilities prior to commencement of construction. Call Sunshine Locate at 1-800-432-4770 or 811 to confirm underground utility lines 48 hours before digging.
4. Install traffic control devices and continuously maintain all traffic control devices as per FDOT and maintenance of traffic plan.
5. Construct stormwater management facilities, gravel parkings and gravel driveway.
6. Pave the parking areas, including the existing gravel parking area.
7. Clean up job site and demobilize construction equipment.
8. Contractor is responsible to provide as-built survey to Leon County Public Works for Engineer of Record to submit as-built certification to the permitting agencies.

PROJECT LOCATION

GENERAL NOTES:

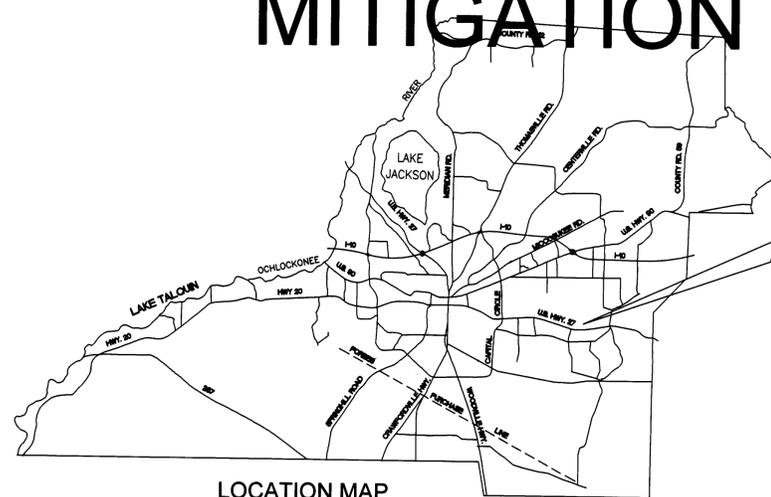
1. A sufficient labor force shall be maintained to undertake the scope of work that is to be performed. Prior to the start of each days work, the on-site inspector shall approve the personnel provided by the contractor to insure that an adequate number of workers are available as well as capable of providing the skills necessary to perform the necessary task. If at any time, during the working day, the inspector feels that adequate personnel are not being provided, he may stop all work activities until the contractor corrects the situation. The contractor's superintendent shall be free at all times to supervise and coordinate the work in progress with the on-site inspector without being required to personally operate the equipment of the project.
2. Leon County shall reserve the right to sample any or all materials to determine that materials meet specifications. Failure to meet specifications shall be cause for cancellation of delivery, rejection of materials provided for partial or full payment deduction as determined by the county representative.
3. The contractor shall maintain access to all existing streets and private entrances throughout project construction. This project anticipates the need for traffic control devices listed in the Manual for Uniform Traffic Control Devices and Florida Department of Transportation Roadway Standard Indices.
4. The contractor shall furnish, erect, and maintain all necessary barricades, warning, danger, and detour signs suitable and adequate lights, provide flagmen where necessary to direct traffic, and take all other precautions to protect the work and the public. Streets, which are closed to traffic by authority of Leon County, shall be adequately barricaded and marked with warning and detour signs, and lights at all intersections and crossings along the detours. Street closing and detour routing shall be requested of and receive approval from the engineer or his designee, prior to implementation. The temporary detour shall be adequately marked throughout its length. All detour routes shall be maintained by the contractor in a safe and passable condition at all times, and at such time as the detour is no longer necessary, the streets constituting the detour route shall be restored to a condition equal to the condition of such streets prior to their use for detours, all to the satisfaction of the engineer or his designee.
5. The contractor shall remove all equipment from the roadway and the shoulder during non-working hours to ensure the least practicable interference with traffic and pedestrians. The contractor is to provide the area for storing equipment.
6. Working hours will normally be from 8:30 A.M. To 4:30 P.M., Monday through Friday, however, upon request of the contractor, the engineer or his designee, may consider an alternative to these working hours based on the time of the year, site, weather, and traffic conditions.
7. No night work shall be performed unless adequate lighting is provided and approval given by the engineer or his designee. If the existing lighting is not adequate, the contractor shall be responsible for providing artificial lighting that shall be approved by the engineer or his designee.
8. Obstructions and barricades shall be lighted at night and such lights shall be kept burning from sunset to sunrise. All such signing and traffic control within the limits of the project shall be done in accordance with the engineer or his designee, applicable OSHA regulations and MUTCD, part VI.
9. The exact location of all utilities in the vicinity of construction activities shall be determined by the contractor prior to construction. The contractor shall contact all utility companies prior to beginning of construction and coordinate schedules with utility owners during construction.
10. Post all applicable permits as required.
11. All disturbed areas shall be sodded, unless specified otherwise on plans.
12. Contractor is responsible to maintain and replace stormwater control devices as needed.
13. Stormwater Management Control Officer:
Leigh Davis, Director of Parks and Recreation
(850) 606-1542
14. Leon County Public Works Departments Parks and Recreation Division will monitor construction progress regularly and will submit Notice of Construction Commencement to Northwest Florida Water Management District (NVFWMD) and the as-built certifications when the project is completed. The contact person is Dean Richards @ 528-6090.

Commissioners:

- Bill Proctor
District 1
- Jane G. Sauls
District 2
- John E. Dailey
District 3
- Bryan Desloge
District 4
- Kristin Dozier
District 5
- Nick Maddox
At-Large (Vice Chairman)
- Akin Akinyemi
At-Large (Chairman)



- Vince Long
County
Administrator
- Herbert W. A.
Thiele
County Attorney
- Tony Park, P.E.
Public Works
Director



LOCATION MAP

Plans Index

Sheet	Sheet Description
1	Cover Sheet
2	Typical & Details
3	Site Plan
4	Stormwater Pond

LEON COUNTY
Department of Public Works
Division of Engineering Services
Public Works Center

2280 Miccosukee Road, Tallahassee, FL 32308-5310

Ph: (850)606-1500 Fax: (850)606-1501

Web: <http://www.leoncountyfl.gov>

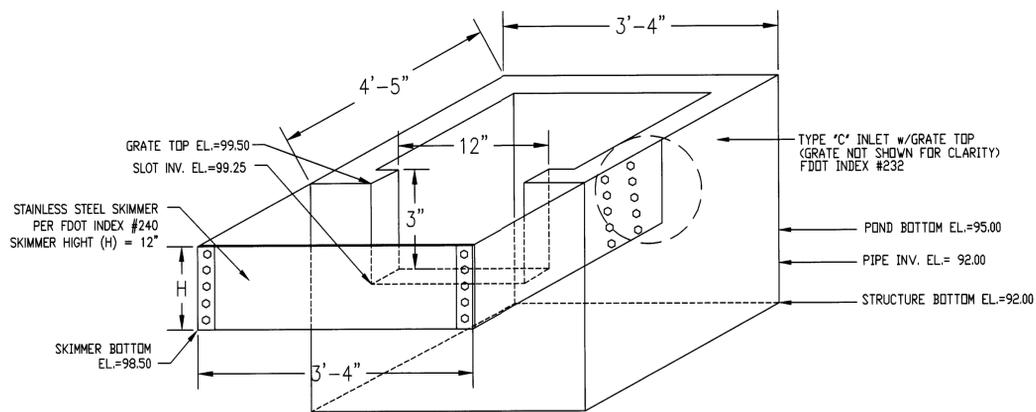
GOVERNING STANDARDS AND SPECIFICATIONS:

Florida Department of Transportation (FDOT) Design Standards dated January 2010, and Standard Specifications For Road and Bridge Construction dated 2010, as amended by contract documents.

RECEIVED
NOV 20 2012
NVFWMD

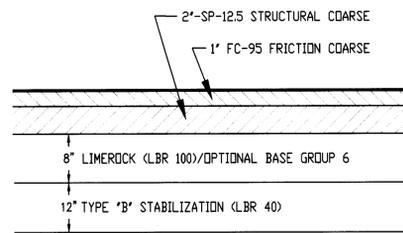
Engineer of Record
Shinning George, P.E. #47120
Date: 11/20/12

C:\George\Apalachee Ball Fields_Stormwater Mitigation.dwg, Cover 1 of 4, 11/19/2012 8:17:35 AM, 1:1, BLT



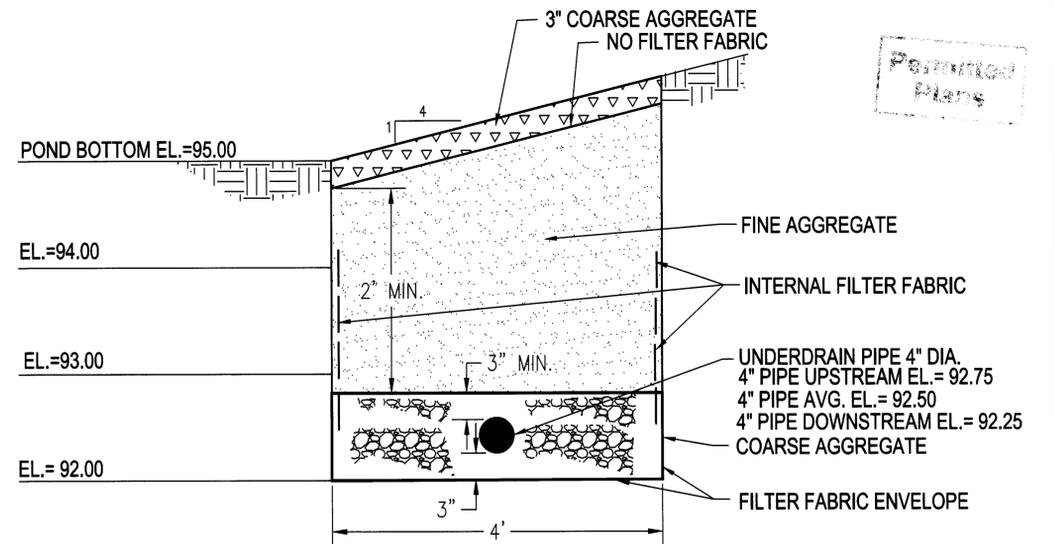
OUTFALL STRUCTURE DETAILS

N.T.S.



ASPHALT PAVEMENT DETAILS

N.T.S.

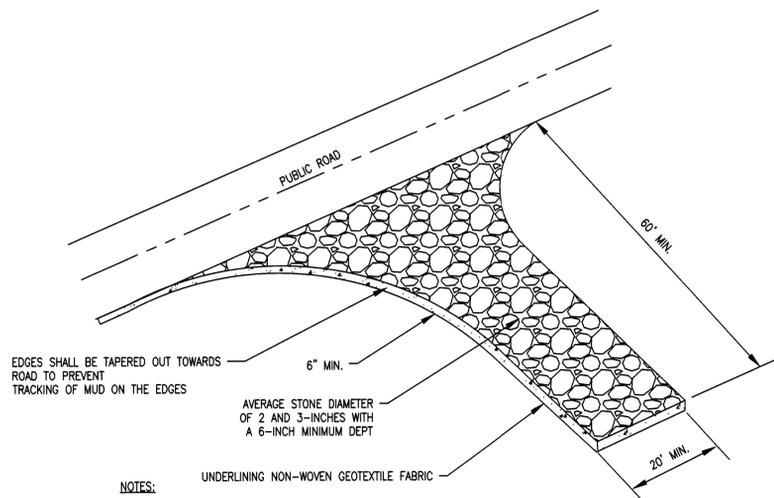


NOTES:

- SEE FDOT "INDEX 286" FOR MORE DETAILS ON LOWER LIMIT "TYPE V a" UNDERDRAIN DESIGN.
- PROVIDE CLEANOUT AT UPSTREAM END OF PIPE PER DETAILS OF FDOT "INDEX 286."
- FILTER ENVELOPE SHOULD USE FDOT #57 STONE AND TYPE D-3 FILTER FABRIC.
- FILTER MEDIUM/FINE AGGRATE SHOULD BE WASHED QUARTZ AND LESS THAN 1% SILT, CLAY AND ORGANIC MATTER.
- FINE AGGRATE SHOULD HAVE A UNIFORMITY COEFFICIENT OF 1.5 OR GREATER BUT NO MORE THAN 4 AND AN EFFECTIVE GRAIN SIZE OF 2.9 - 0.55 MM DIAMETER. CONTRACTOR SHOULD SUBMIT SUPPORTING DOCUMENTS TO DESIGN ENGINEER FOR APPROVAL.

FILTER / UNDERDRAIN DETAILS

N.T.S.

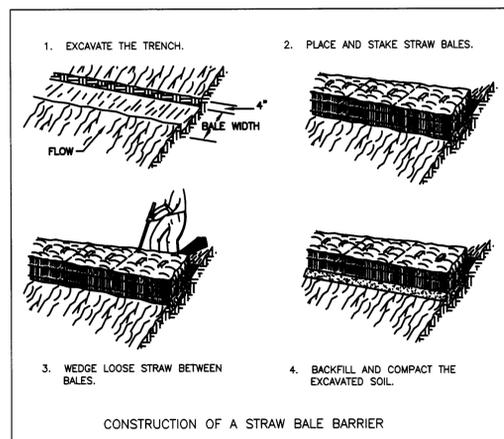


NOTES:

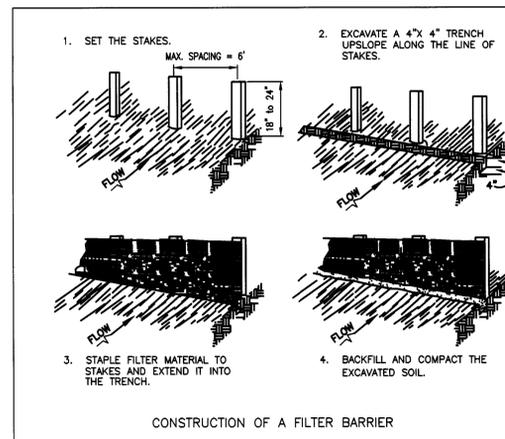
- DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE.
- INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.
- WASH OR REPLACE STONE WHENEVER ENTRANCE FAILS TO PREVENT MUD FROM BEING CARRIED OFFSITE BY VEHICLES.
- THIS IS A MODIFICATION TO SOIL TRACKING PREVENTION DEVICE PER FDOT INDEX #106.
- SEE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL FOR ADDITIONAL GUIDELINES AND DETAILS.

CONSTRUCTION ENTRANCE DETAILS

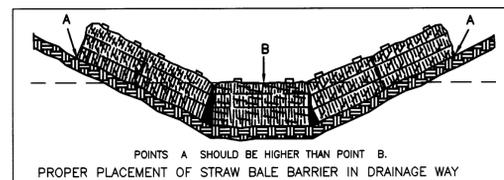
N.T.S.



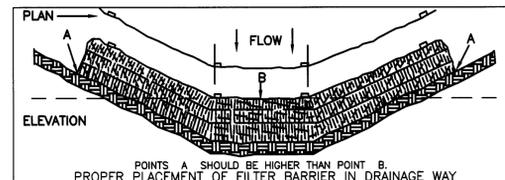
CONSTRUCTION OF A STRAW BALE BARRIER



CONSTRUCTION OF A FILTER BARRIER



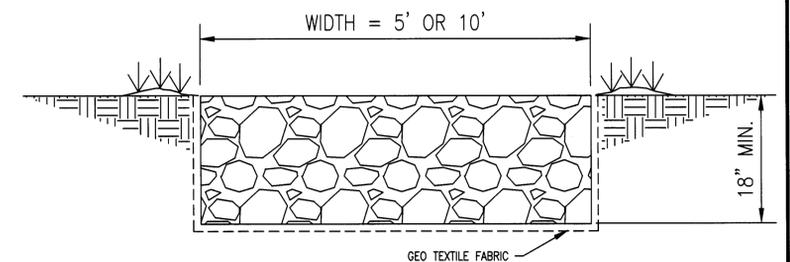
POINTS A SHOULD BE HIGHER THAN POINT B. PROPER PLACEMENT OF STRAW BALE BARRIER IN DRAINAGE WAY



POINTS A SHOULD BE HIGHER THAN POINT B. PROPER PLACEMENT OF FILTER BARRIER IN DRAINAGE WAY

EROSION CONTROL

N.T.S.



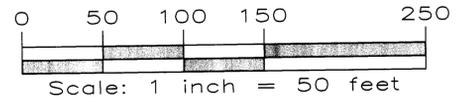
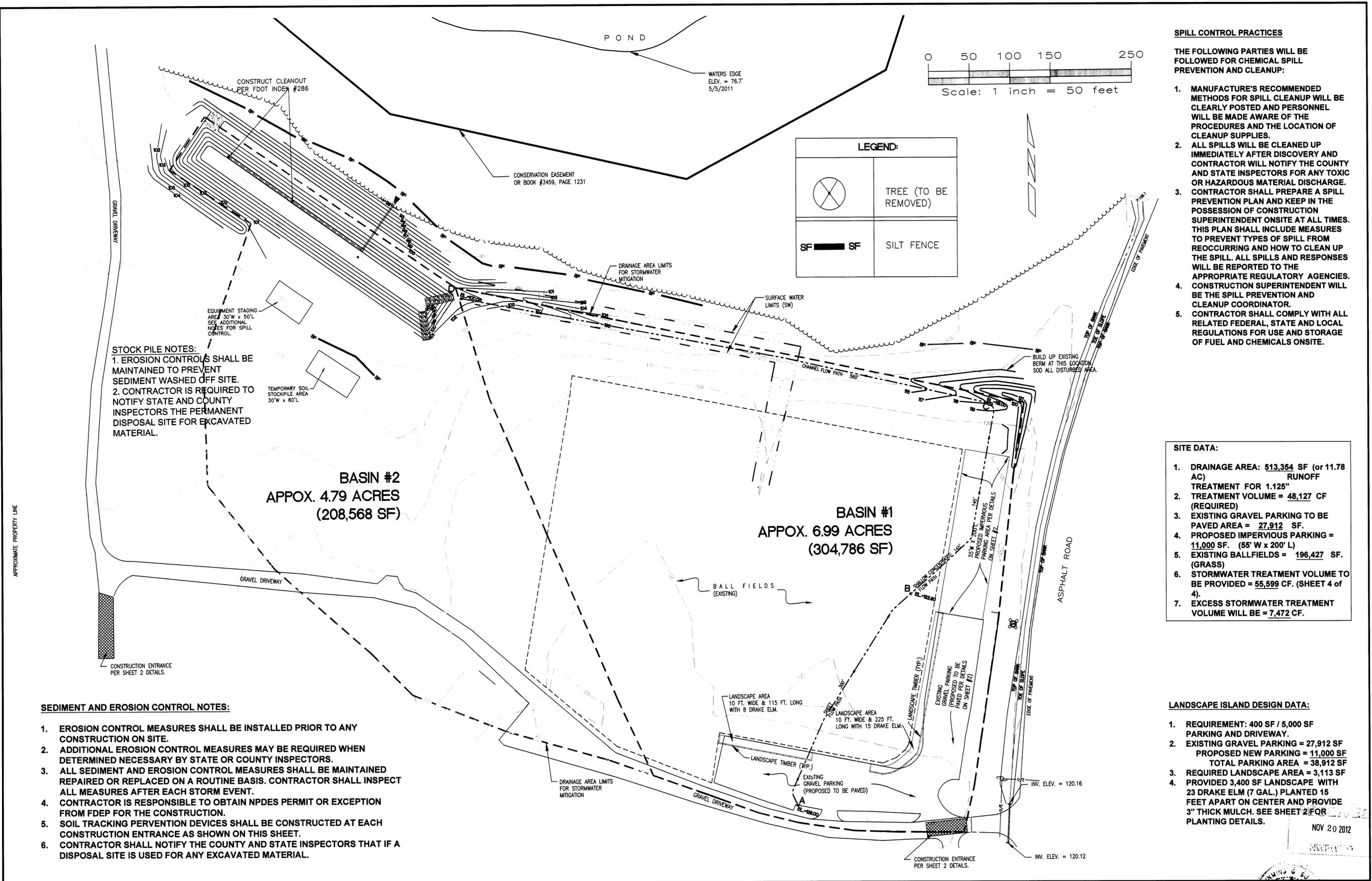
NOTES:

- RIP-RAP SIZE @ D50=15".
- RIP-RAP SHALL BE INSTALLED SMOOTHLY FLUSHED WITH ADJACENT GROUND AND GROUTED WITH CEMENT.

RIP-RAP TYPICAL DETAILS

N.T.S.

Permitted Plans



LEGEND:	
	TREE (TO BE REMOVED)
	SILT FENCE

- SPILL CONTROL PRACTICES**
- THE FOLLOWING PARTIES WILL BE FOLLOWED FOR CHEMICAL SPILL PREVENTION AND CLEANUP:
1. MANUFACTURE'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF CLEANUP SUPPLIES.
 2. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY AND CONTRACTOR WILL NOTIFY THE COUNTY AND STATE INSPECTORS FOR ANY TOXIC OR HAZARDOUS MATERIAL DISCHARGE.
 3. CONTRACTOR SHALL PREPARE A SPILL PREVENTION PLAN AND KEEP IN THE POSSESSION OF CONSTRUCTION SUPERINTENDENT ONSITE AT ALL TIMES. THIS PLAN SHALL INCLUDE MEASURES TO PREVENT TYPES OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL. ALL SPILLS AND RESPONSES WILL BE REPORTED TO THE APPROPRIATE REGULATORY AGENCIES.
 4. CONSTRUCTION SUPERINTENDENT WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR.
 5. CONTRACTOR SHALL COMPLY WITH ALL RELATED FEDERAL, STATE AND LOCAL REGULATIONS FOR USE AND STORAGE OF FUEL AND CHEMICALS ONSITE.

STOCK PILE NOTES:

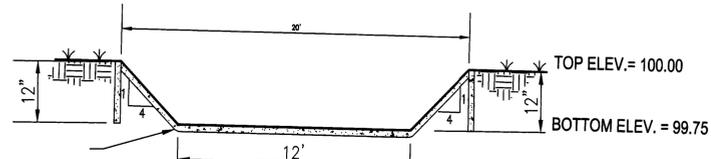
1. EROSION CONTROLS SHALL BE MAINTAINED TO PREVENT SEDIMENT WASHED OFF SITE.
2. CONTRACTOR IS REQUIRED TO NOTIFY STATE AND COUNTY INSPECTORS THE PERMANENT DISPOSAL SITE FOR EXCAVATED MATERIAL.

SITE DATA:

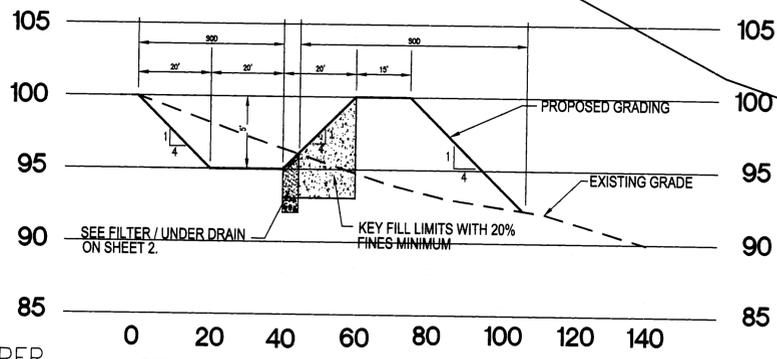
1. DRAINAGE AREA: 513,354 SF (or 11.78 AC) RUNOFF TREATMENT FOR 1.125"
2. TREATMENT VOLUME = 48,127 CF (REQUIRED)
3. EXISTING GRAVEL PARKING TO BE PAVED AREA = 27,912 SF.
4. PROPOSED IMPERVIOUS PARKING = 11,000 SF. (55' W x 200' L)
5. EXISTING BALLFIELDS = 196,427 SF. (GRASS)
6. STORMWATER TREATMENT VOLUME TO BE PROVIDED = 55,599 CF. (SHEET 4 of 4).
7. EXCESS STORMWATER TREATMENT VOLUME WILL BE = 7,472 CF.

- SEDIMENT AND EROSION CONTROL NOTES:**
1. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ON SITE.
 2. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED WHEN DETERMINED NECESSARY BY STATE OR COUNTY INSPECTORS.
 3. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED REPAIRED OR REPLACED ON A ROUTINE BASIS. CONTRACTOR SHALL INSPECT ALL MEASURES AFTER EACH STORM EVENT.
 4. CONTRACTOR IS RESPONSIBLE TO OBTAIN NPDES PERMIT OR EXCEPTION FROM FDEP FOR THE CONSTRUCTION.
 5. SOIL TRACKING PREVENTION DEVICES SHALL BE CONSTRUCTED AT EACH CONSTRUCTION ENTRANCE AS SHOWN ON THIS SHEET.
 6. CONTRACTOR SHALL NOTIFY THE COUNTY AND STATE INSPECTORS THAT IF A DISPOSAL SITE IS USED FOR ANY EXCAVATED MATERIAL.

- LANDSCAPE ISLAND DESIGN DATA:**
1. REQUIREMENT: 400 SF / 5,000 SF PARKING AND DRIVEWAY.
 2. EXISTING GRAVEL PARKING = 27,912 SF PROPOSED NEW PARKING = 11,000 SF TOTAL PARKING AREA = 38,912 SF
 3. REQUIRED LANDSCAPE AREA = 3,113 SF PROVIDED 3,400 SF LANDSCAPE WITH 23 DRAKE ELM (7 GAL.) PLANTED 15 FEET APART ON CENTER AND PROVIDE 3" THICK MULCH. SEE SHEET 2 FOR PLANTING DETAILS.

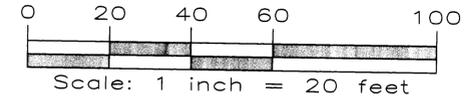


SECTION B-B : CONCRETE SPILLWAY DETAILS
 NOTES:
 1. STABILIZE SURFACE WITH 3000 PSI FIBER CONCRETE 4" THICK.
 2. SPILLWAY INV. EL. = 99.75
 N.T.S.

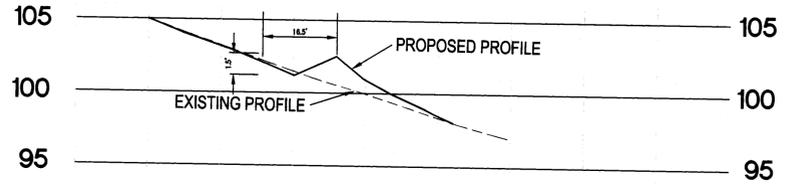
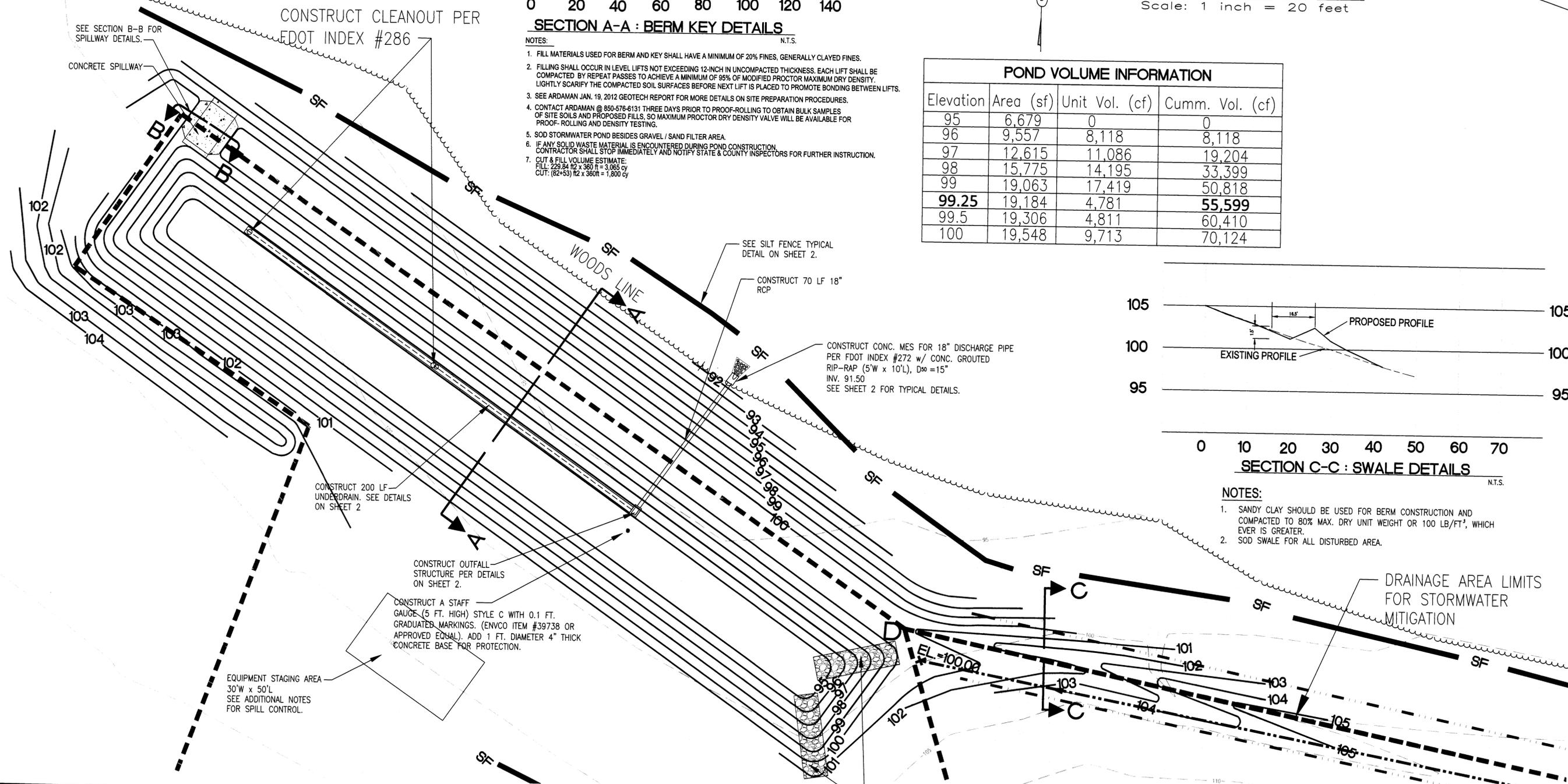


SECTION A-A : BERM KEY DETAILS
 NOTES:
 N.T.S.

- FILL MATERIALS USED FOR BERM AND KEY SHALL HAVE A MINIMUM OF 20% FINES, GENERALLY CLAYED FINES.
- FILLING SHALL OCCUR IN LEVEL LIFTS NOT EXCEEDING 12-INCH IN UNCOMPACTED THICKNESS. EACH LIFT SHALL BE COMPACTED BY REPEAT PASSES TO ACHIEVE A MINIMUM OF 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY. LIGHTLY SCARIFY THE COMPACTED SOIL SURFACES BEFORE NEXT LIFT IS PLACED TO PROMOTE BONDING BETWEEN LIFTS.
- SEE ARDAMAN JAN. 19, 2012 GEOTECH REPORT FOR MORE DETAILS ON SITE PREPARATION PROCEDURES.
- CONTACT ARDAMAN @ 850-576-8131 THREE DAYS PRIOR TO PROOF-ROLLING TO OBTAIN BULK SAMPLES OF SITE SOILS AND PROPOSED FILLS, SO MAXIMUM PROCTOR DRY DENSITY VALVE WILL BE AVAILABLE FOR PROOF-ROLLING AND DENSITY TESTING.
- SOD STORMWATER POND BESIDES GRAVEL / SAND FILTER AREA.
- IF ANY SOLID WASTE MATERIAL IS ENCOUNTERED DURING POND CONSTRUCTION, CONTRACTOR SHALL STOP IMMEDIATELY AND NOTIFY STATE & COUNTY INSPECTORS FOR FURTHER INSTRUCTION.
- CUT & FILL VOLUME ESTIMATE:
 FILL: 228.84 ft² x 360 ft = 3,065 cy
 CUT: (62+53) ft² x 360 ft = 1,800 cy



POND VOLUME INFORMATION			
Elevation	Area (sf)	Unit Vol. (cf)	Cumm. Vol. (cf)
95	6,679	0	0
96	9,557	8,118	8,118
97	12,615	11,086	19,204
98	15,775	14,195	33,399
99	19,063	17,419	50,818
99.25	19,184	4,781	55,599
99.5	19,306	4,811	60,410
100	19,548	9,713	70,124



SECTION C-C : SWALE DETAILS
 N.T.S.

- NOTES:
- SANDY CLAY SHOULD BE USED FOR BERM CONSTRUCTION AND COMPACTED TO 80% MAX. DRY UNIT WEIGHT OR 100 LB/FT³, WHICH EVER IS GREATER.
 - SOD SWALE FOR ALL DISTURBED AREA.

DRAINAGE AREA LIMITS FOR STORMWATER MITIGATION

LEON COUNTY DEPARTMENT OF PUBLIC WORKS
 2280 MICCOSUKEE ROAD, TALLAHASSEE, FLORIDA 32308
 PHONE (850) 606-1500 * FAX (850) 606-1501

DRAWN BY:	BLR	NOTES
DATE:	10/03/2012	
SCALE:	1"=20'	
FIELD BOOK:	N/A	

PROJECT: APALACHEE REGIONAL PARK BALL FIELDS STORMWATER MITIGATION

SHEET TITLE: **STORMWATER POND**

NOV 20 2012

4 OF 4

G:\George\Apalachee Ball Field\Apalachee Ballpark Stormwater Mitigation.dwg, PLAN 4 of 4, 11/15/2012 10:25:49 AM, DWG To PDF, pcd, 1:1, TB