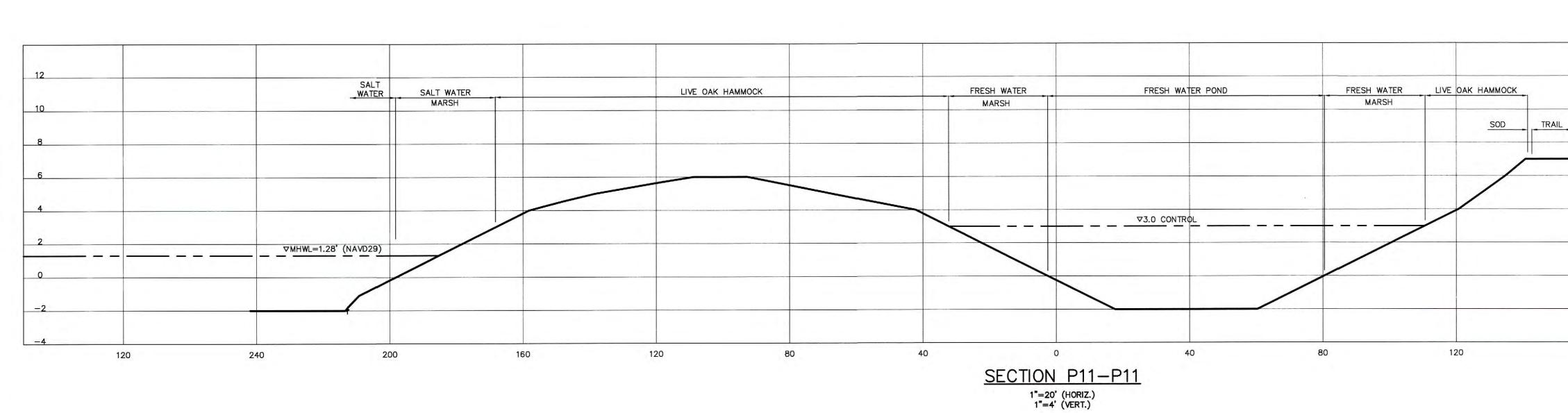
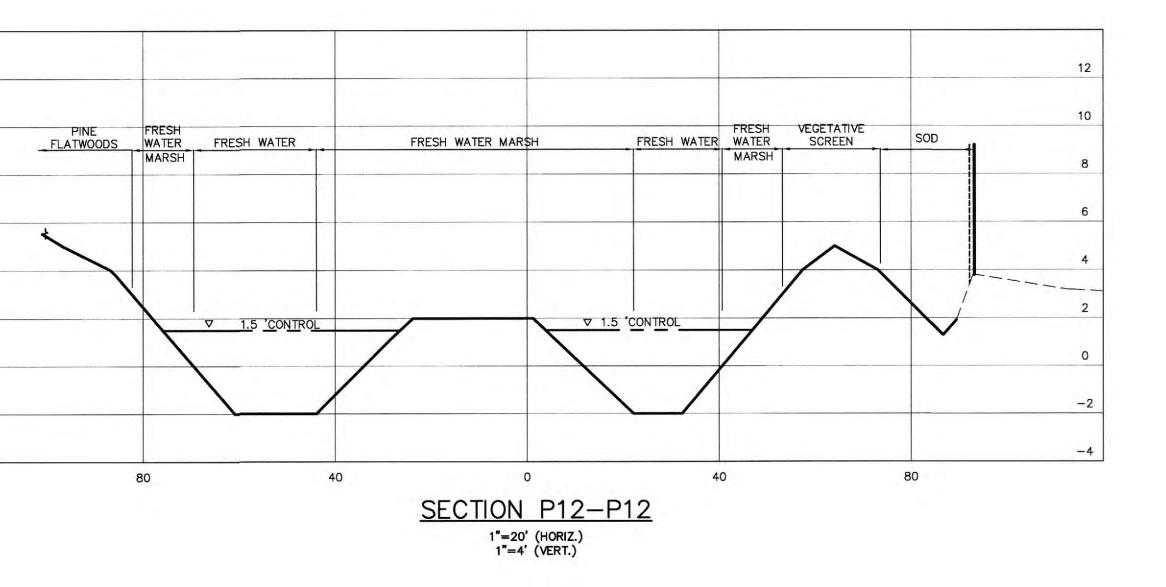


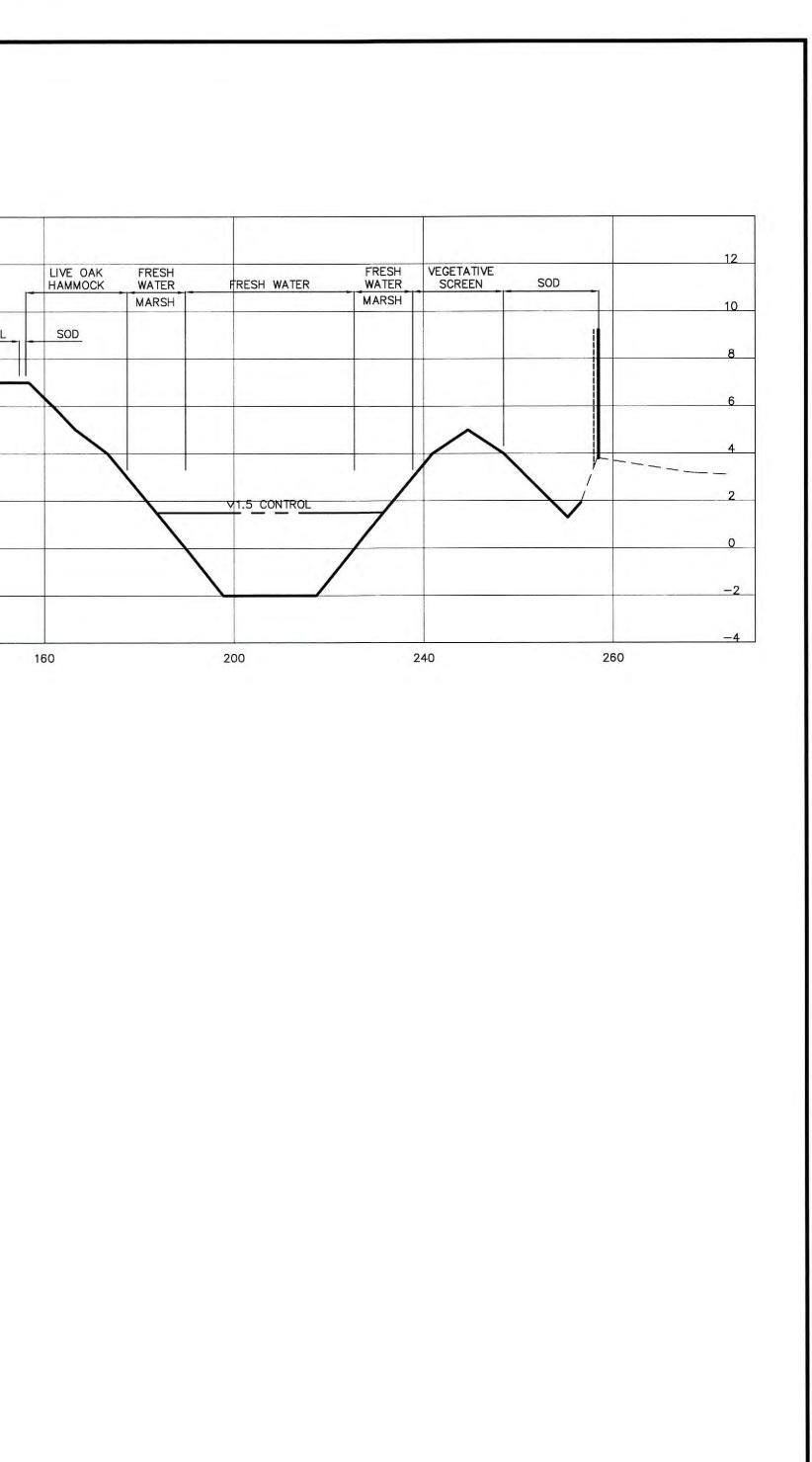
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	Phone 941-907-6900 • Fax 941-907-6910 cate of Authorization #27013 • www.stantec.com			PROJECT:			E EXPANSION



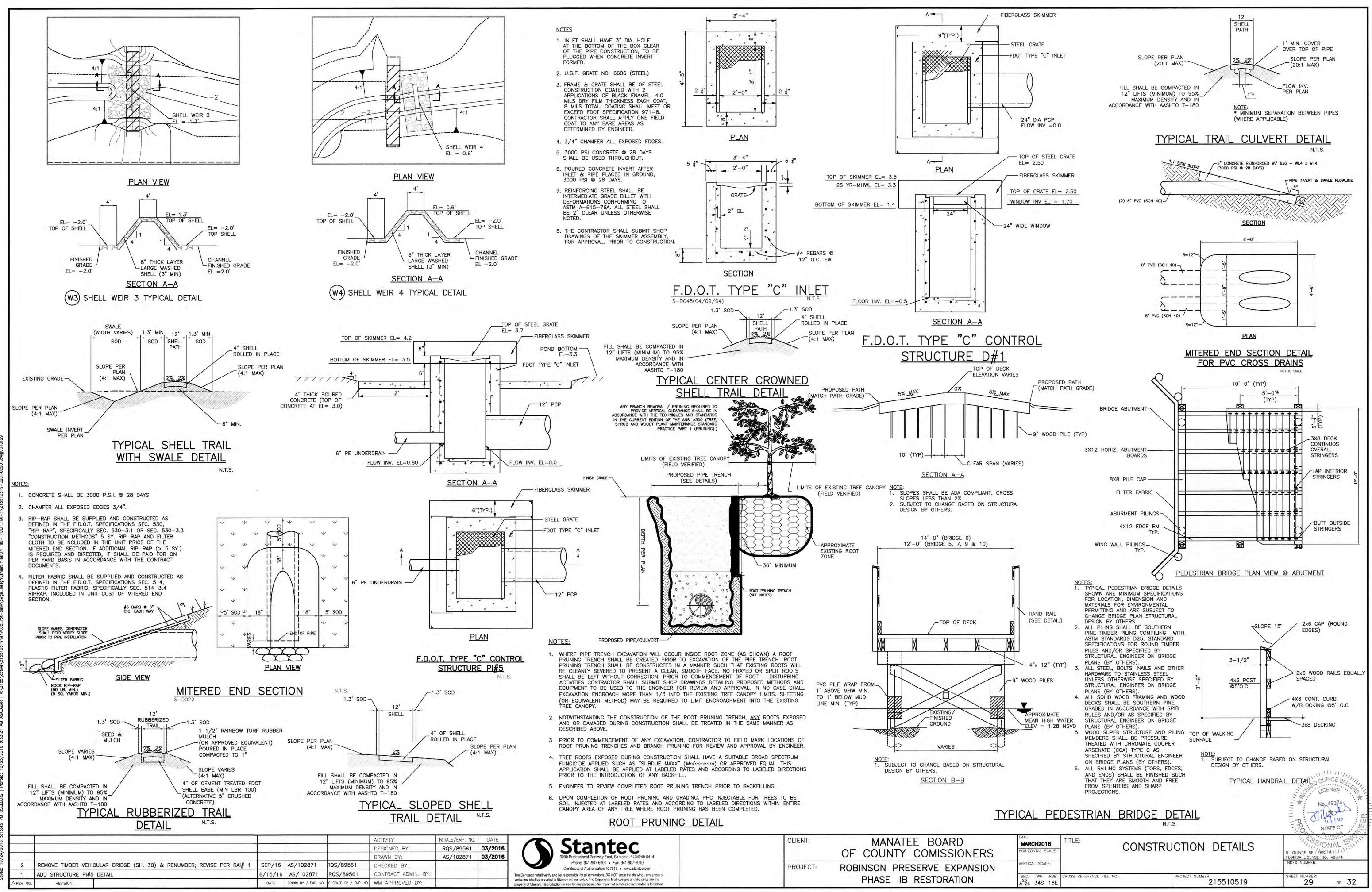


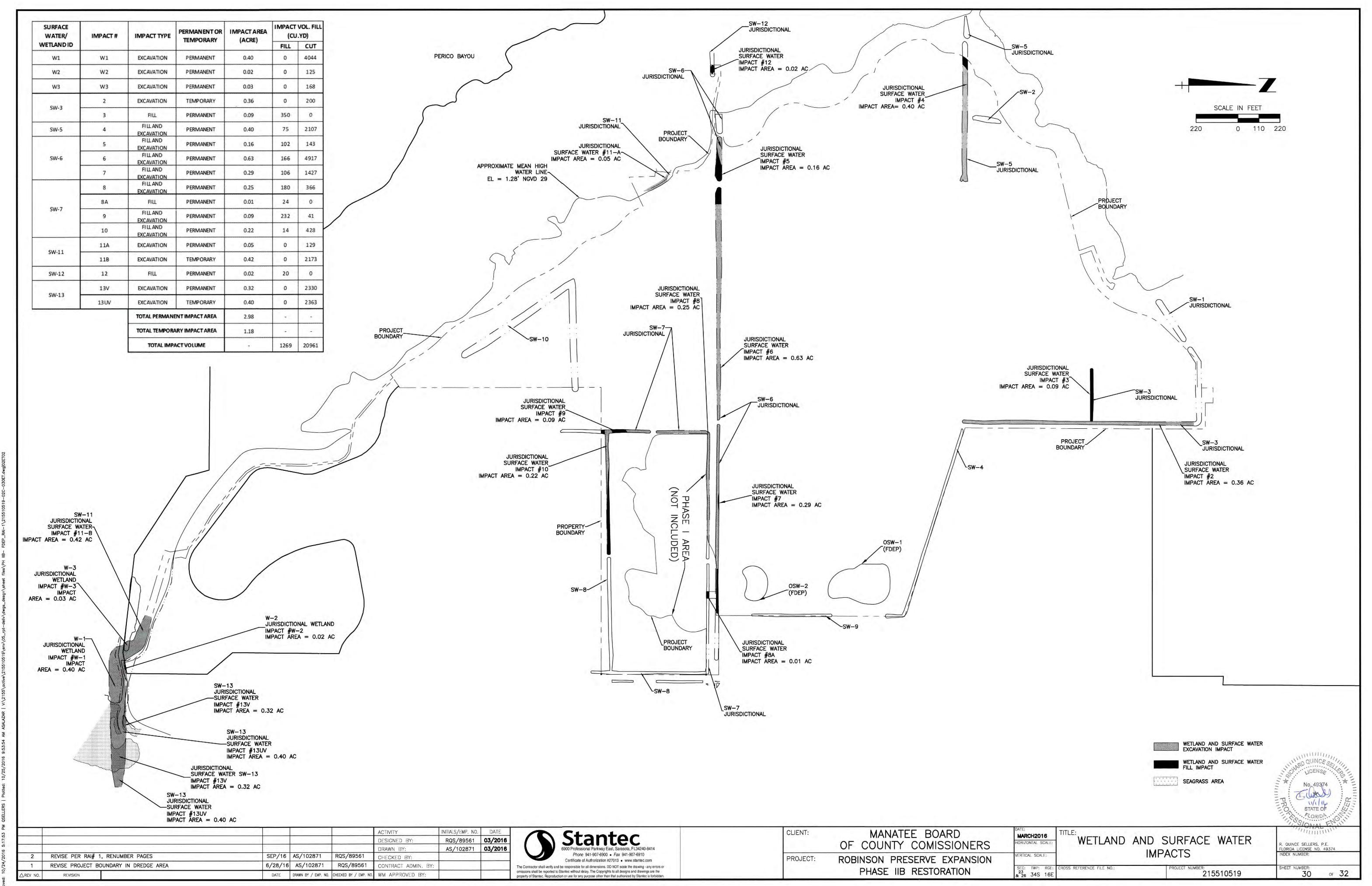
					ACTIVITY	INITIALS/EMP. NO). DATE	Charles .	CLIENT:	MANATEE BOARD
					DESIGNED BY:	RQS/89561	03/2016	Stantec		
					DRAWN BY:	AS/102871	03/2016	6900 Professional Parkway East, Sarasota, FL34240-8414		OF COUNTY COMISSIONERS
					CHECKED BY:			Phone 941-907-6900 • Fax 941-907-6910 Certificate of Authorization #27013 • www.stantec.com	PROJECT:	ROBINSON PRESERVE EXPANSION
1 F	REVISE PER RAI# 1, PAGE NUMBERS	SEP/16	AS/102871	RQS/89561	CONTRACT ADMIN, BY:			The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or		
△REV NO.	REVISION	DATE	DRAWN BY / EMP. NO.	CHECKED BY / EMP. NO	WM APPROVED BY:		1	omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.		PHASE IIB RESTORATION





			BO STATE OF SUIT
DATE: MARCH2016 HORIZONTAL SCALE: VERTICAL SCALE:	TITLE:	PLANTING SECTIONS	R. QUINCE SELLERS, P.E. FLORIDA LICENSE NO. 49374 INDEX NUMBER:
SEC: TWP: RGE: 23 & 26 34S 16E	CROSS REFERENCE FILE NO .:	PROJECT NUMBER: 215510519	SHEET NUMBER: 28 OF 32





. DATE	() Stantoc	CLIENT: MANATEE BOARD	
03/2016	Stantec 6900 Professional Parkway East, Sarasota, FL34240-8414	OF COUNTY COMISSIONERS	
1.2	Phone 941-907-6900 • Fax 941-907-6910 Certificate of Authorization #27013 • www.stantec.com	PROJECT: ROBINSON PRESERVE EXPANSION	
	The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stanlec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stanlec is forbidden.	PHASE IIB RESTORATION	

CONSTRUCTION TURBIDITY MONITORING PLAN

CONSTRUCTION OF ROBINSON PRESERVE EXPANSION - PHASE II-B RESTORATION REQUIRES DREDGING WITHIN WATERS OF THE STATE. THE FOLLOWING TURBIDITY MONITORING PLAN WILL BE IMPLEMENTED DURING ALL IN-WATER WORK REQUIRED TO COMPLETE THE DREDGING.

- 1. ONE BACKGROUND SAMPLE STATION (BS-1) WILL BE ESTABLISHED AT THE APPROXIMATE LOCATION SHOWN BELOW. ON ANY GIVEN DAY WHEN CONSTRUCTION ACTIVITIES ARE SCHEDULED, A TURBIDITY READING WILL BE TAKEN AT MID-DEPTH AT THE BACKGROUND SAMPLE STATION PRIOR TO COMMENCEMENT OF THE DAY'S WORK. MID-DEPTH TURBIDITY READINGS WILL BE TAKEN WITHIN (MZI-1, MZI-2) AND IMMEDIATELY OUTSIDE (MZO-1, MZO-2) THE 200 FEET RADIUS MIXING ZONE AT THE APPROXIMATE SAMPLE STATION LOCATIONS SHOWN BELOW AT FOUR-HOUR INTERVALS FOR THE DURATION OF THE WORK DAY.
- 2. TURBIDITY READINGS (IN NEPHELOMETERIC TURBIDITY UNITS NTUS) WILL BE TAKEN WITH A PORTABLE TURBIDITY METER THAT HAS BEEN CALIBRATED WITH STANDARD CALIBRATION SOLUTIONS PURSUANT TO THE METER MANUFACTURER'S INSTRUCTIONS. READINGS SHALL BE ENTERED INTO A LOGBOOK AT THE TIME OF RECORDING ALONG WITH THE DATE, TIME OF DAY, AND BRIEF NOTES DESCRIBING GENERAL CLIMATE AND TIDE CONDITIONS (E.G., WINDY, EBB TIDE, HEAVY RAIN WITHIN LAST 24 HOURS, ETC.). A SUMMARY OF THE DAILY LOGS LISTING THE APPROPRIATE ENVIRONMENTAL RESOURCE PERMIT (ERP) NUMBER WILL BE SUBMITTED WEEKLY TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, 13051 N. TELECOM PARKWAY, TEMPLE TERRACE, FL 33637.
- 3. PALMA SOLA BAY IS AN OUTSTANDING FLORIDA WATERBODY (OFW) AND STATE WATER QUALITY STANDARDS DO NOT ALLOW TURBIDITY TO BE INCREASED OVER DAILY, AMBIENT BACKGROUND LEVELS OTHER THAN IN APPROVED MIXING ZONES. THIS PLAN PROVIDES MIXING ZONES WHERE TURBIDITY LEVELS WILL BE ALLOWED TO INCREASE A MAXIMUM OF 41 NTUS OVER THE DAILY, AMBIENT BACKGROUND LEVEL AS MEASURED AT STATION BS-1. IN THE EVENT THAT ANY TURBIDITY READING AT MZI STATIONS EXCEEDS 41 NTU'S ABOVE THE BACKGROUND LEVEL WITHIN A MIXING ZONE OR EXCEEDS THE BACKGROUND LEVEL BY ANY AMOUNT OUTSIDE THE MIXING ZONE AT MZO STATIONS, THE CONTRACTOR WILL IMMEDIATELY STOP ALL IN-WATER WORK AND NOTIFY THE MANATEE COUNTY PROJECT MANAGER (OR DESIGNEE). ALL TURBIDITY CONTROL DEVICES WILL BE INSPECTED IMMEDIATELY AND REPAIRED OR REPLACED AS NECESSARY TO CONTROL TURBID DISCHARGES FROM THE IMMEDIATE WORK AREA. AT THIS POINT, THE SAMPLING FREQUENCY WILL BE INCREASED TO TWO-HOUR INTERVALS IN ORDER TO DETERMINE WHEN THE TURBIDITY HAS SETTLED TO AN ACCEPTABLE LEVEL. IN-WATER WORK AND THE FOUR-HOUR SAMPLING INTERVALS WILL NOT RESUME UNTIL METER READINGS SHOW ACCEPTABLE TURBIDITY LEVELS HAVE BEEN RESTORED OR AS OTHERWISE DIRECTED BY MANATEE COUNTY.

SILT FENCE STAGING AREA

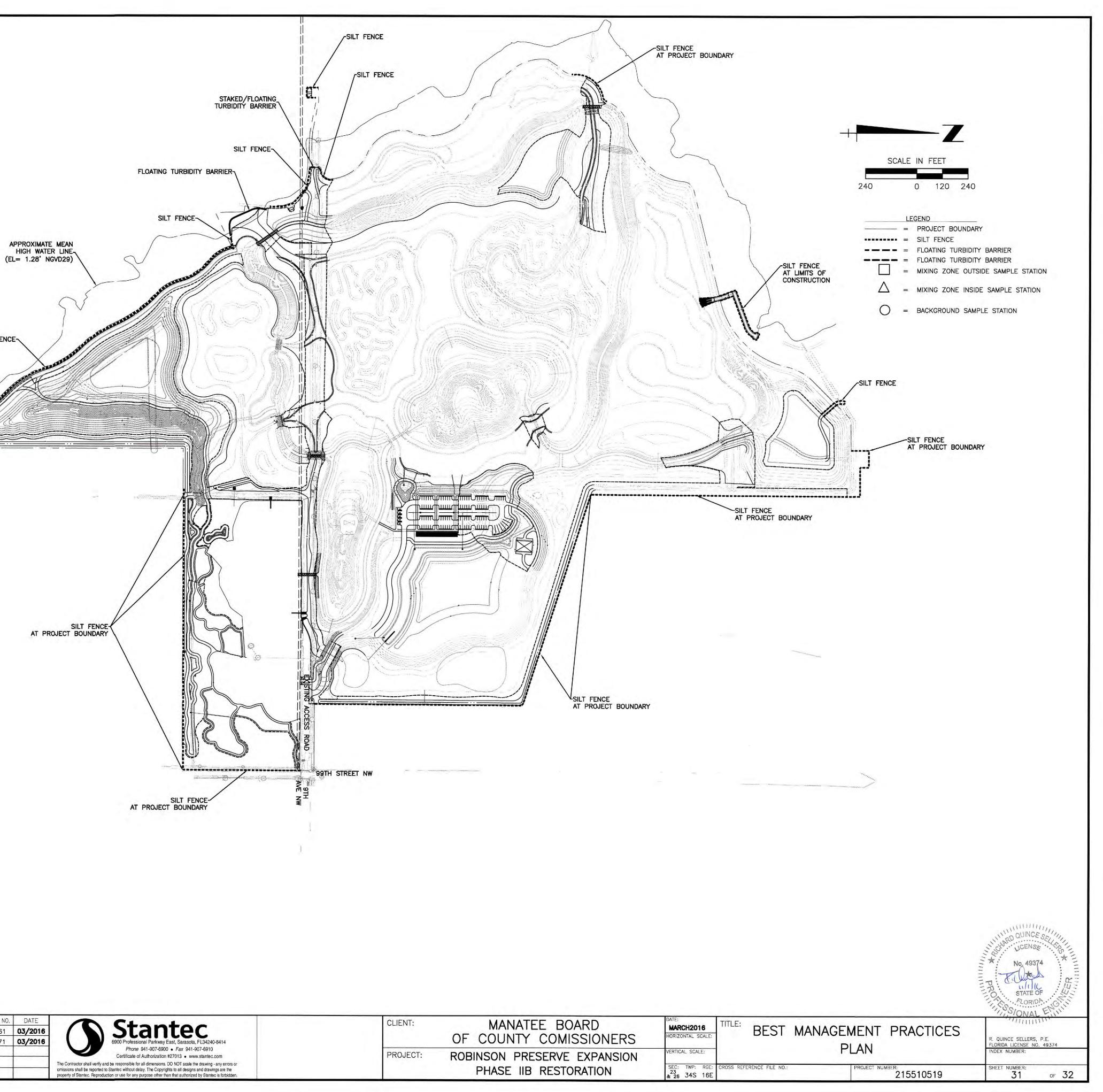
FLOATING TURBIDITY BARRIER

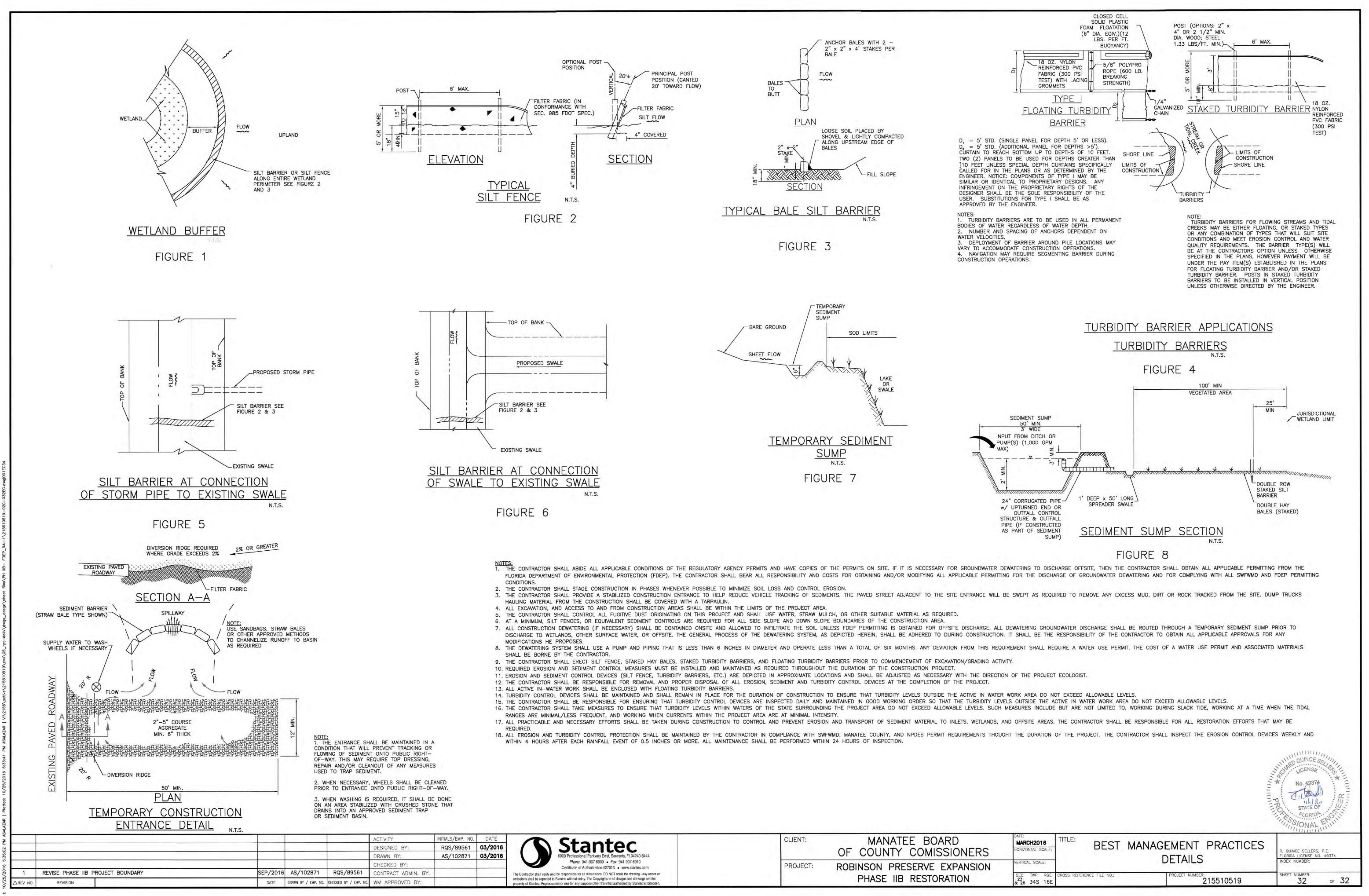
 \square

SILT FENCE

_ =____ = = =____

	DURING ACTIVE WORK 200' (TYP)	LIMIT OF MIXING ZONE					SILT FENCE AT PROJECT BOUNDARY	Second South Street NW		USILT FENCE AT PROJECT BOUNDARY
	MZO-2 500' MIN MZI-1 MZO-1 MZO-1	PALM	a sola bay							
	500' MIN. MZI-1 MZO-1	PALM	ACTIV			DATE	The second secon	CLIE	ENT: MANATE	F BOARD
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	500' MIN MZI-1 MZO-1 BS-1		ACTIV DESIC RQS/89561 DRAW RQS/89561 CHEC	SNED BY:	RQS/89561 (03/2016 03/2016	6900 Professional Parkway East, Sarasota, FL34240-8414		OF COUNTY	E BOARD COMISSIONERS SERVE EXPANSION RESTORATION





DATE 03/2016 03/2016	Stantec 6900 Professional Parkway East, Sarasota, FL34240-8414	CLIENT: MANATEE BOARD OF COUNTY COMISSIONERS
	Phone 941-907-6900 • Fax 941-907-6910 Certificate of Authorization #27013 • www.stantec.com	PROJECT: ROBINSON PRESERVE EXPANSION
	The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec, Reproduction or use for any purpose other than that authorized by Stantec is forbidden.	PHASE IIB RESTORATION

CONSTRUCTION COMMENCEMENT NOTICE

Instructions: In accordance with Chapter 62-330.350(1)(d), F.A.C., complete and submit this form at least 48 hours prior to commencement of activity authorized by permit.

Permit No.		Application No Phase			
Project Name					
Construction of	f the system authorized by the above referen	ced Environmental Resource			
Permit and App	plication, is expected to commence on		, 20		
and will have a	n estimated completion date of	, 20			

PLEASE NOTE: If the actual construction commencement date is not known within 30 days of issuance of the permit, District staff should be so notified in writing. As soon as a construction commencement date is known, the permittee shall submit a completed construction commencement notice form.

Permittee's or Authorized Agent's Signature	Company	
Print Name	Title	Date
E-mail		Phone Number



Form 62-330.350(1) Construction Commencement Notice Incorporated by reference in subsection 62-330.350(1), F.A.C. (October 1, 2013)

AS-BUILT CERTIFICATION AND REQUEST FOR CONVERSION TO OPERATION PHASE

Instructions: Complete and submit this page within 30 days of completion of the permitted activities, as required by the permit conditions. Any components of the permitted activities that are not in substantial conformance with the permit must be corrected or a modification of the permit will be required in accordance with Rule 62-330.315, Florida Administrative Code (F.A.C.). The operation phase of the permit is effective when the construction certification for the entire permit/application is approved by the Agency. If the final operation and maintenance entity is not the permittee, the permittee shall operate the system, works or other activities temporarily until such time as the transfer to the operation entity is finalized (use Form 62-330.310(2)).

Permit No.:	Application No(s).	Permittee:	
Project Name:		Phase (if applicable):	

I HEREBY CERTIFY THAT (please choose accurately and check only one box):

□ I hereby notify the Agency of the completion of construction of all the components of the system, works or other activities for the above referenced project and certify that it has been constructed in substantial conformance with the plans specifications and conditions permitted by the Agency. Any minor deviations will not prevent the system from functioning in compliance with the requirements of Chapter 62-330, F.A.C. Attached is documentary evidence of satisfaction of any outstanding permit conditions, other than long term monitoring and inspection requirements.

At the time of final inspection, the works or activities were NOT completed in substantial conformance with the plans and specifications permitted by the Agency. (The registered professional shall describe the substantial deviation(s) in writing, and provide confirming depiction on the as-built drawings and information.)

If there were substantial deviations, plans must be submitted clearly labeled as "as-built" or "record" drawings reflecting the substantial deviations. If there are no substantial deviations, do not submit "as built" drawings.

For activities that require certification by a registered professional:

Signature	Print Name	Fla. Lic. or Reg. No
! AFFIX SEAL !	Company Name	
	Company Address	Date
activities that do not require c	ertification by a registered profession	onal:
Ву:		
Signature	Print Name	
	Company Name	
	Company Name Company Address	Date

Form 62-330.310(1) – As-Built Certification & Request for Conversion to Operation Phase Incorporated by reference in paragraph 62-330.310(4)(a), F.A.C. (10-1-2013)

DRAWINGS AND INFORMATION CHECKLIST

Following is a list of information that is to be verified and/or submitted by the Registered Professional or Permittee:

- 1. All surveyed dimensions and elevations shall be certified by a registered Surveyor or Mapper under Chapter 472, F.S.
- 2. The registered professional's certification shall be based upon on-site observation of construction (scheduled and conducted by the registered professional of record or by a project representative under direct supervision) and review of as-built drawings, with field measurements and verification as needed, for the purpose of determining if the work was completed in accordance with original permitted construction plans, specifications and conditions.
- 3. If submitted, the as-built drawings are to be based on the permitted construction drawings revised to reflect any substantial deviations made during construction. Both the original design and constructed condition must be clearly shown. The plans need to be clearly labeled as "as-built" or "record" drawings that clearly highlight (such as through "red lines" or "clouds") any substantial deviations made during construction. As required by law, all surveyed dimensions and elevations required shall be verified and signed, dated and sealed by an appropriate registered professional. The following information, at a minimum, shall be verified on the as-built drawings, and supplemental documents if needed:
 - a. Discharge structures Locations, dimensions and elevations of all, including weirs, orifices, gates, pumps, pipes, and oil and grease skimmers;
 - b. Detention/Retention Area(s) Identification number, size in acres, side slopes (h:v), dimensions, elevations, contours or cross-sections of all, sufficient to determine stage-storage relationships of the storage area and the permanent pool depth and volume below the control elevation for normally wet systems,
 - c. Side bank and underdrain filters, or exfiltration trenches locations, dimensions and elevations of all, including clean-outs, pipes, connections to control structures and points of discharge to receiving waters;
 - System grading dimensions, elevations, contours, final grades or cross-sections to determine contributing drainage areas, flow directions and conveyance of runoff to the system discharge point(s);
 - e. Conveyance dimensions, elevations, contours, final grades or cross-sections of systems utilized to divert off-site runoff around or through the new system;
 - f. Benchmark(s) location and description (minimum of one per major water control structure);
 - g. Datum- All elevations should be referenced to a vertical datum clearly identified on the plans, preferably the same datum used in the permit plans.
- 4. Wetland mitigation or restoration areas Show the plan view of all areas, depicting a spatial distribution of plantings conducted by zone (if plantings are required by permit), with a list showing all species planted in each zone, numbers of each species, sizes, date(s) planted and identification of source of material; also provide the dimensions, elevations, contours and representative cross-sections depicting the construction.
- 5. Any additional information or outstanding submittals required by permit conditions or to document permit compliance, other than long-term monitoring or inspection requirements.

REQUEST FOR TRANSFER OF ENVIRONMENTAL RESOURCE PERMIT TO THE PERPETUAL OPERATION ENTITY

Instructions: Complete this form to transfer to the permit to the operation and maintenance entity. This form can be completed concurrently with, or within 30 days of approval of the As-Built Certification and Request for Conversion to Operation Phase (Form 62-330.310(1)). Please include all documentation required under Section 12.2.1(b) of Applicant's Handbook Volume 1. (see checklist below). Failure to submit the appropriate final documents will result in the permittee remaining liable for operation and maintenance of the permitted activities.

Permit No.:	Application No(s).	
Project Name:		Phase (if applicable):

A. REQUEST TO TRANSFER: The permittee requests that the permit be transferred to the legal entity responsible for operation and maintenance (O&M).

By:	Signature of Permittee	Name and Title
	Company	Company Address
	Phone	City, State, Zip

B. AGREEMENT FOR SYSTEM OPERATION AND MAINTENANCE RESPONSIBILITY: The belownamed legal entity agrees to operate and maintain the works or activities in compliance with all permit conditions and provisions of Chapter 62-330, Florida Administrative Code (F.A.C.) and Applicant's Handbook Volumes I and II in perpetuity. Authorization for any proposed modification to the permitted activities shall be applied for and obtained prior to conducting such modification.

By:	Signature of Representative of O&M Entity	Name of Entity for O&M
	Name and Title	Address
	Email Address	City, State, Zip
	Phone	Date

Enclosed are the following documents, as applicable:

Copy of recorded transfer of title to the operating entity for the common areas on which the stormwater management system is located (unless dedicated by plat)

Copy of all recorded plats

Copy of recorded declaration of covenants and restrictions, amendments, and associated exhibits

Copy of filed articles of incorporation and documentary evidence of active corporate status with the Department of State, Division of Corporations (for corporations)

A completed, signed, and notarized affidavit attesting that the operating entity meets the requirements of Section 12.3 of Environmental Resource Permit Applicant's Handbook Volume I.(Note- this is optional, but aids in processing of this request)



Form 62-330.310(2) – Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity Incorporated by reference in paragraph 62-330.310(4)(a), F.A.C. (10-1-2013)

REQUEST TO TRANSFER PERMIT

Instructions: Submit this form to the Agency within 30 days after any transfer of ownership or control of the real property where the permitted activity is located.

Note: Use of this form is not required when a valid permit is in the operation and maintenance phase. In such case, the owner must notify the Agency in writing within 30 days of a change in ownership or control of the entire real property, project, or activity covered by the permit. The notification may be letter, e-mail, or using this form, sent to the office that issued the permit. A processing fee is not required for this notice. The permit shall automatically transfer to the new owner or person in control, except in cases of abandonment, revocation, or modification of a permit as provided in Sections 373.426 and 373.429, F.S. (2012). If a permittee fails to provide written notice to the Agency within 30 days of the change in ownership or control, or if the change does not include the entire real property or activity covered by the permit, then the transfer must be requested using this form.

Permit No.:	Application No(s).:	Date Issued:			
Identification or Name of Surface Water Management System:					
Phase of Surface Water Manager	ment System (if applicable):				

PART 1: PROPOSED PERMIT HOLDER

The undersigned hereby notifies the Agency that I have acquired ownership or control of the land on which the permitted system is located through the sale or other legal transfer of the land. By signing below, I hereby certify that I have sufficient real property interest or control in the land in accordance with subsection 4.2.3 (d) of Applicant's Handbook Volume I; attached is a copy of my title, easement, or other demonstration of ownership or control in the land, including any revised plats, as recorded in the Public Records. I request that the permit be modified to reflect that I agree to be the new permittee. By so doing, I acknowledge that I have examined the permit terms, conditions, and drawings, and agree to accept all rights and obligations as permittee, including agreeing to be liable for compliance with all of the permit terms and conditions, and to be liable for any corrective actions required as a result of any violations of the permit after approval of this modification by the Permitting Agency. Also attached are copies of any recorded restrictive covenants, articles of incorporation, and certificate of incorporation that may have been changed as a result of my assuming ownership or control of the lands. As necessary, I agree to furnish the Agency with demonstration that I have the ability to provide for the operation and maintenance of the system for the duration of the permit in accordance with subsection 12.3 of Applicant's Handbook Volume I.

Name of Proposed Permit Holder:							
Mailing Address:							
City:	State:	Zip Code:					
Telephone:	Fax:	E-mail:					
FLORIDA							

Form 62-330.340(1) – Request Transfer Permit Incorporated by reference in subsection in 62-330.340(3), F.A.C. (10-1-2013) Signature of Proposed Permittee

Date

Title (if any)

PART 2: RESPONSIBLE REGISTERED PROFESSIONAL

Name of Registered Professional who will be responsible for system inspections and reporting as required by Chapter 62-330, F.A.C. (if applicable):

Mailing Address:						
City:	State:	Zip Code:				
Telephone:	Fax:	E-mail:				
Enclosures: Copy of recorded transfer of title for surface water management system Copy of plat(s) Copy of recorded restrictive covenants, articles of incorporation, and certificate of incorporation Other						