



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
10117 PRINCESS PALM AVENUE, SUITE 120
TAMPA, FLORIDA 33610

September 17, 2014

REPLY TO
ATTENTION OF

Regulatory Division
South Branch
Tampa Section
SAJ-2010-03518(LP-MEP)



Manatee County Board of County Commissioners
Manatee County Property Management Dept.
Charlie Bishop, Director
1112 Manatee Avenue W.
Bradenton, Florida 34206

ATTACHMENT G

Dear Mr. Bishop:

This is in reference to your request for a Department of the Army (DA) permit to perform work in or affecting waters of the United States. If you determine the permit provided is acceptable in its entirety and you have chosen to proceed with the authorized activity, then upon recommendation of the Chief of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344), you are authorized under a Letter of Permission to construct improvements to an existing boat ramp that include removal of the existing 15 ft. wide concrete boat ramp (388 sq. ft.) along with 746 sq. ft. of piling supported wood dock which will be replaced with a 36 ft. wide concrete ramp and 1,373 sq. ft. of piling supported/floating dock. Appurtenant work associated with these key features will include the placement of a stabilizing rip-rap and concrete revetment around the submerged boat ramp edge and extending up to the top of the adjacent shoreline bank. A total area of 572 sq. ft. (0.013 ac.) of shrubby mangrove growth and 3,348 sq. ft. (0.077ac.) of unvegetated submerged bottoms will be impacted by the placement of permanent fill material.

The project is located on the north shore of the Manatee River at Fort Hamer Park, at the south terminus of Fort Hamer Road, in Section 17, Township 34 South, Range 19 East, Parrish, Manatee County, Florida.

Geographic Position: Latitude 27.5245°
Longitude -82.4300°

The project must be completed in accordance with the eight enclosed construction drawings, and the general and special conditions which are incorporated in, and made a part of, the permit.



Special Conditions:

1. Reporting Address: The Permittee shall submit all reports, notifications, documentation and correspondence required by the general and special conditions of this permit to the following address:

a. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Special Projects and Enforcement Branch, 10117 Princess Palm Avenue, Suite 120, Tampa, FL 33610-8302.

b. For electronic mail CESAJ-ComplyDocs@usace.army.mil (not to exceed 10 MB). The Permittee shall reference this permit number, SAJ-2010-03518(LOP - MEP), on all submittals.

2. Commencement Notification: Within 10 days from the date of initiating the work authorized by this permit/Within 10 days from the date of initiating the work authorized by this permit for each phase of the authorized project, the Permittee shall provide a written notification of the date of commencement of authorized work to the Corps.

3. As-Built with X-Y Coordinates: Within 60 days of completion of the authorized work, the Permittee shall submit as-built drawings of the authorized work and a completed As-Built Certification Form (attached) to the Corps. The drawings shall be signed and sealed by a surveyor licensed under Florida Statute 472 and include the following:

a. A plan view drawing of the location of the authorized work footprint (as shown on the permit drawings) on 8½-inch by 11-inch paper. The drawings shall include the X & Y State Plane coordination points of the most waterward point of the structure and a point at the mean high water line (MHWL) or the face of the bulkhead/seawall, if present. The drawings shall include: the dimensions of the structure, depth of water (at mean low water) at the waterward end of the structure, and the distance from the waterward end of the structure to the near bottom edge of the channel.

b. Listing of any deviations between the work authorized by this permit and the work as constructed. In the event the completed work deviates, in any manner, from the authorized work, describe on the As-Built Certification Form the deviations between the work authorized by this permit and the work as constructed. Clearly indicate on the as-built drawings any deviations that have been listed. Please note the depiction and/or description of any deviations on the drawings and/or As-Built Certification Form does not constitute approval of any deviations by the U.S. Army Corps of Engineers.

c. Placement of the Department of the Army Permit number on all sheets submitted

4. Assurance of Navigation and Maintenance: The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

5. Turbidity Barriers: Prior to the initiation of any of the work authorized by this permit, the Permittee shall install floating turbidity barriers with weighted skirts that extend to within 1 foot of the bottom around all work areas that are in, or adjacent to, surface waters. The turbidity barriers shall remain in place and be maintained until the authorized work has been completed and all suspended and erodible materials have been stabilized. Turbidity barriers shall be removed upon stabilization of the work area.

6. Erosion Control: Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures along the perimeter of all work areas to prevent the displacement of fill material outside the work area into waters of the United States. Immediately after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas shall be stabilized using sod, degradable mats, barriers, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work is completed and the work areas are stabilized.

7. Fill Material: The Permittee shall use only clean fill material for this project. The fill material shall be free from items such as trash, debris, automotive parts, asphalt, construction materials, concrete block with exposed reinforcement bars, and soils contaminated with any toxic substance, in toxic amounts in accordance with Section 307 of the Clean Water Act.

8. Manatee Conditions: The Permittee shall comply with the "Standard Manatee Conditions for In-Water Work – 2011" (attached).

9. Manatee Conditions for Pipes & Culverts: The "Standard Manatee Conditions for New and Existing Pipes and Culverts" (attached) must be employed for any pipes or culverts that are from 8 inches to 8 feet in diameter and accessible to manatees (i.e., the planned detention basin outfall and any other pipe and culverts existing or proposed).

10. Manatee Educational Signs: The Permittee shall comply with "A Guide to Manatee Educational Signs, revised June 2009" (attached).

11. Sea Turtle and Smalltooth Sawfish Conditions: The Permittee shall comply with National Marine Fisheries Service's "Sea Turtle and Smalltooth Sawfish Construction Conditions" dated March 23, 2006, (attached).

End of Special Conditions

If the work authorized is not completed on or before **September 17, 2019**, authorization, if not previously revoked or specifically extended, shall cease and be null and void.

Instructions for Objecting to Permit Terms and Conditions: This letter contains an initial proffered permit for your proposed project/permit application. If you object to certain terms and conditions contained within the permit, you may request that the permit be modified. Enclosed you will find a Notification of Administrative Appeal Options and Process fact sheet and Request for Appeal (RFA) form. If you choose to object to certain terms and conditions of the permit, you must follow the directions provided in Section 1, Part A and submit the completed RFA form to the letterhead address.

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria under 33 CFR Part 331.5, and that it has been received by the District office within 60 days of the date of the RFA. Should you decide to submit an RFA form, it must be received at the letterhead address by November 16, 2014.

Should you have any questions regarding this letter, please contact the project manager Mark E. Peterson in writing the letterhead address, by telephone at 813-769-7065, or by email at mark.e.peterson@usace.army.mil.

The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit

http://corpsmapu.usace.army.mil/cm_apex/f?p=regulatory_survey and complete our automated Customer Service Survey. Your input is appreciated – favorable or otherwise.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:



Alan M. Dodd,
Colonel, U.S. Army
District Commander

Enclosures:

Request Permit Transfer
General Conditions
Notification of Administrative Appeal Options
Construction Drawings (8 pages)
As-Built Certification Form
Standard Manatee Conditions
Manatee Conditions for Pipes & Culverts
Manatee Educational Signs
Sea Turtle and Smalltooth Sawfish Conditions

Copies Furnished:

Michael W. Jones, Senior Ecologist, Stantec (Mike.Jones2@stantec.com)
Daniel J. Bond, P.E., Senior Project Manager, Stantec (Dan.Bond@stantec.com)

CESAJ-RD-PE (w/ enclosures)

REQUEST PERMIT TRANSFER: PERMIT NUMBER: SAJ-2010-03518(LP-MEP)

When the structures or work verified by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, the present permittee and the transferee should sign and date below. This document must then be provided to the U.S. Army Corps of Engineers, Regulatory Division, Post Office Box 4970, Jacksonville, Florida 32232-0019.

(TRANSFEREE SIGNATURE)

(DATE)

(Name - Printed)

Lot/Block of site

(Street Address)

(City, State, and Zip Code)

Flood Plain Information:

This Department of the Army permit does not give absolute authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions. You should contact the local office in your area that issues building permits to determine if your site is located in a flood-prone or floodway area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program. If your local office cannot provide you the necessary information, you may request a flood hazard evaluation of the site by providing this office with a letter and a small scale map showing the location of the site. The request should be addressed to the **Chief, Flood Control and Floodplain Management Branch, Jacksonville District, U.S. Army Corps of Engineers, P.O. Box 4970, Jacksonville, Florida 32232-0019.** Phone inquiries may be made at 904-232-2515.

GENERAL CONDITIONS
33 CFR PART 320-330
PUBLISHED FR DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on **September 17, 2019**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representative from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Applicant: Manatee County Board of County Commissioners

File Number: SAJ-2010-03518

Date: 17-Sept-2014

Attached is:

X	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)	See Section below
	PROFFERED PERMIT (Standard Permit or Letter of permission)	A
	PERMIT DENIAL	B
	APPROVED JURISDICTIONAL DETERMINATION	C
	PRELIMINARY JURISDICTIONAL DETERMINATION	D
		E

SECTION II - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://www.floridacivilengineers.com>, <http://www.floridacivilengineers.com>, or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.

- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.

- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION

If you have questions regarding this decision and/or the appeal process you may contact:

Mark E. Peterson 813-769-7065

If you only have questions regarding the appeal process you may also contact:

**for process:
Stuart Santos 904-232-2018**

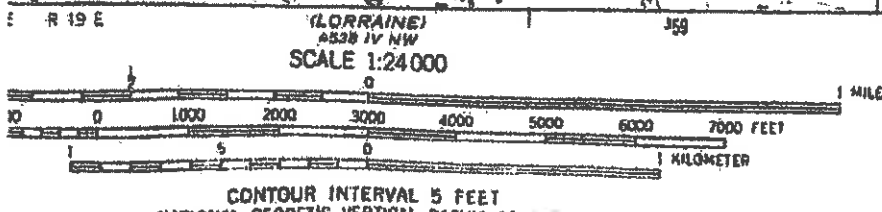
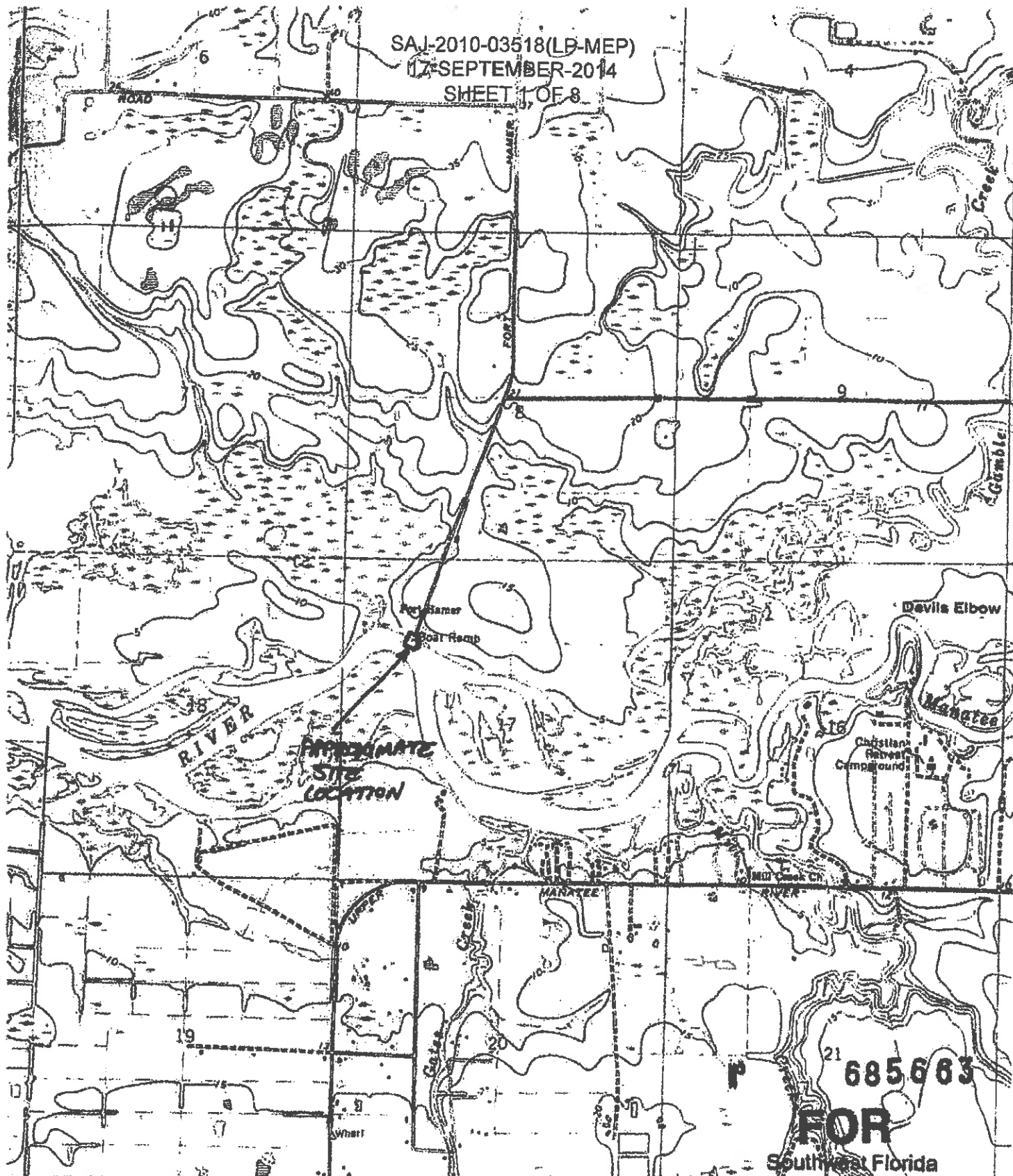
RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number.

SAJ-2010-03518(LB-MEP)
17-SEPTEMBER-2014
SHEET 1 OF 8



685663

FOR

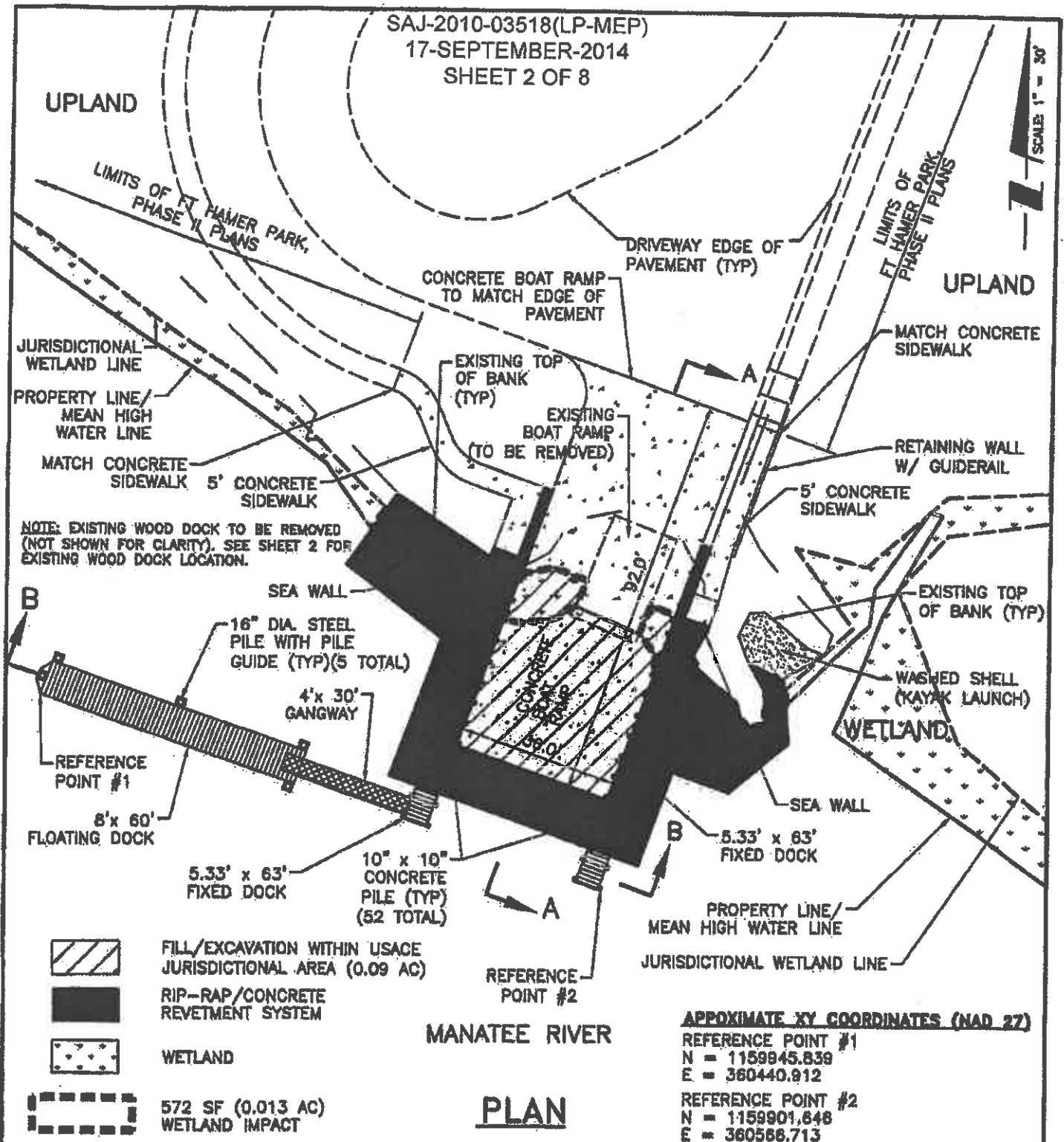
Southwest Florida
Water Management District

AUG 22 2013 *349 HAN*

Received *DH*
SARASOTA RSB

SAJ-2010-03518(LP-MEP)
17-SEPTEMBER-2014
SHEET 2 OF 8

SCALE 1" = 30'



PROJECT: FT. HAMER PARK, PHASE III - BOAT RAMP IMPROVEMENTS

CLIENT: MANATEE BOARD OF COUNTY COMMISSIONERS



6900 Professional Parkway East, Sarasota, FL 34240-8414
Phone 941-907-6900 • Fax 941-907-6910
Certificate of Authorization #27013 • www.stantec.com

SCALE: 1" = 30'	DATE: MAY, 2013
SHEET: 17	REV NO:
PROJECT NO: 215811222	INDEX NO: D-215811222003
DRAWN BY: EAP NO. CIL/96591	SHEET NO: 3 OF 5

SAL-2010-03518(LP-MEP)
17 SEPTEMBER 2014

SHEETS OF FOR

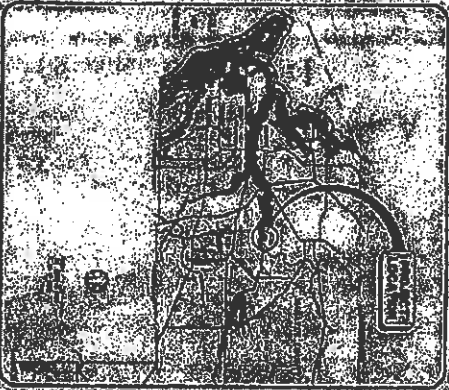
FT. HAMER PARK PHASE III BOAT RAMP IMPROVEMENTS

PART OF SECTION 17, TOWNSHIP 24 SOUTH, RANGE 19 EAST,
MANATEE COUNTY, FLORIDA

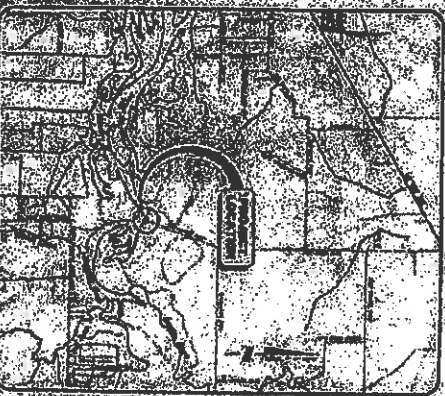
APPROVED BY

MANATEE BOARD OF COUNTY COMMISSIONERS

1102 MANATEE AVENUE, SUITE 603
ST. PETERSBURG, FLORIDA 34780
PHONE (813) 746-4501



LOCATION MAP



SITE MAP

Stantec

1102 Manatee Avenue, Suite 603
St. Petersburg, Florida 34780
Phone (813) 746-4501
Fax (813) 746-4501
www.stantec.com

INDEX TO SHEETS

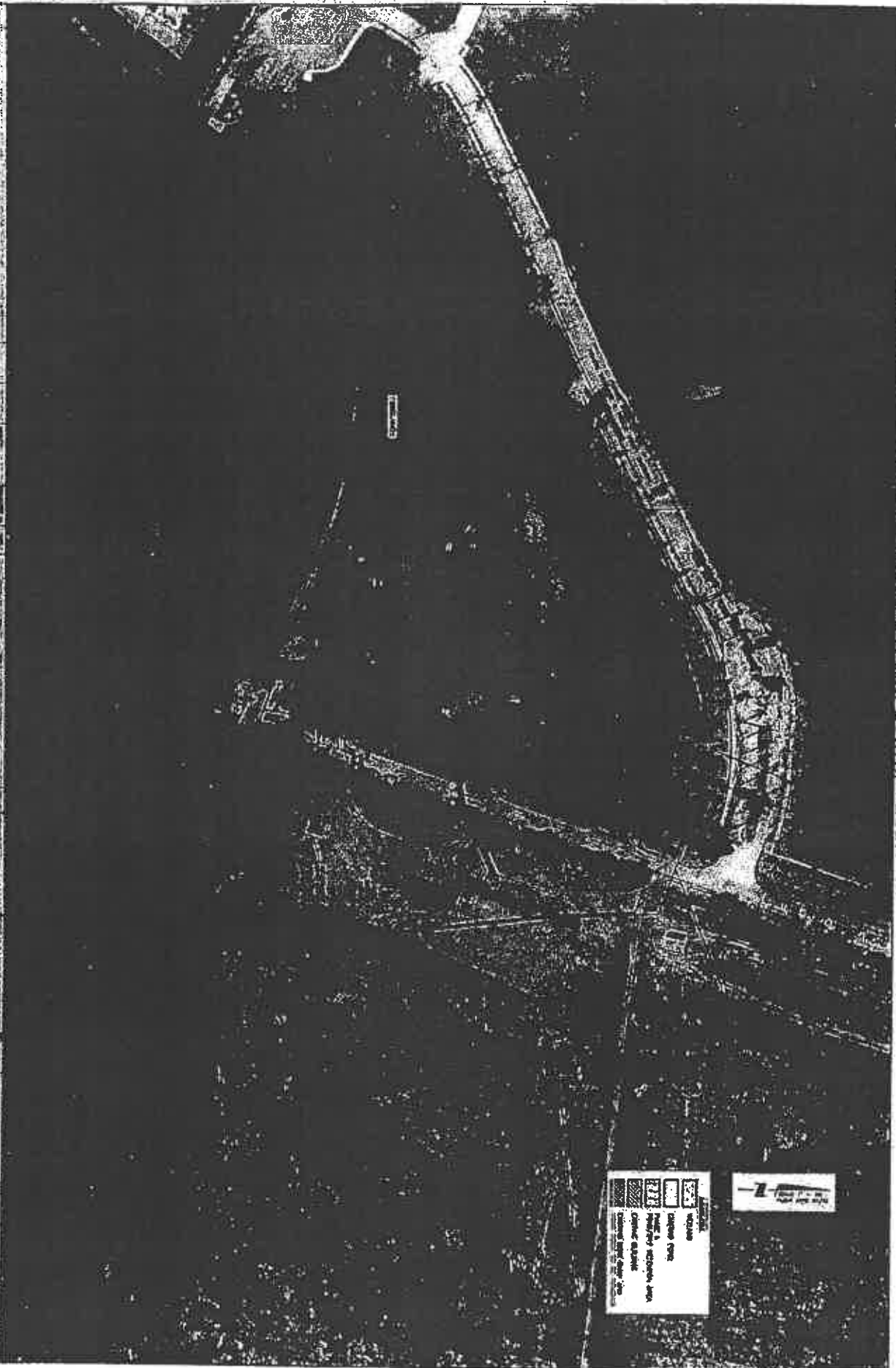
SHEET	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	EXISTING AND PROPOSED BOAT RAMP
4	EXISTING AND PROPOSED PAVEMENT
5	EXISTING AND PROPOSED FILL
6	EXISTING AND PROPOSED UTILITIES

STATUS: REVIEWING A.M.

DATE	2501222
FOR	FOR
DATE	2501222
FOR	FOR

DATE: AUGUST 2013
D-2200000-001

SAL-2010-03518(LP-MEP)
17 SEP 2010 09:07



Legend
[Symbol] Roadway
[Symbol] Shoulder
[Symbol] Interchange Area
[Symbol] Other Roadway
[Symbol] Other Area



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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#7 SEPTEMBER 2014

850 SHEETS



EXISTING WOOD DOCKING IN-
PLACE (NOT SHOWN FOR CLARITY)
SEE SET 2 FOR DOCKING WOOD
DOCKING



FOR **WISDOM**

FOR THE FIRST TIME IN HISTORY

1 - 6
The Secretary
U.S. Dept. of Justice
Washington, D.C. 20530
1/11/68

BOAT RAMP: IMPROVEMENTS PLAN

NAME	UNIVERSITY BOARD OF COUNTY COMMISSIONERS
ADDRESS	EL HAMER PARK, PHASE II WYOMING



Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	



FOR
BOSTON PUBLISHERS PRINTED
THE UNIVERSITY PRESS
MAR 21 1953
NEW YORK

Science

NAME	MANUEL BOARD OF COUNTY COMMISSIONERS
ADDRESS	511 PALMER PARK, EMBASSY BOAT CAMP, MIAMI BEACH

TYPICAL DETAILS AND SECTIONS

SHEET 7 OF 8



FIG. 1. LEGEND

[illegible]

STANLEY
The world's most famous name in tools.
Stanley's new line of tools is the most
advanced yet. It's the most powerful yet.
It's the most durable yet. It's the most
versatile yet. It's the most reliable yet.
It's the most famous yet.

**MINUTE BOARD OF
COUNTY COMMISSIONERS**
F. JAMES PARK, PRES. ET
BOAT RAMP IMPROVEMENTS

BEST MANAGEMENT PRACTICES PLAN

RECEIVED
FEB 11 1964
FBI
U.S. DEPT. OF JUSTICE

1508

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FIGURE 1
TYPICAL INLET



FIGURE 2
TYPICAL STORMWATER

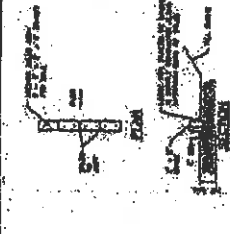


FIGURE 3
TYPICAL MALE SILT BARRIER

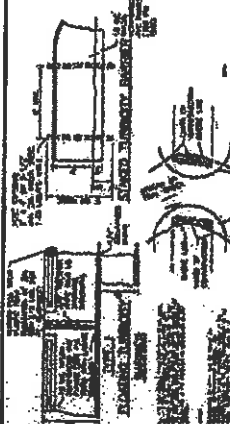


FIGURE 4
TYPICAL STORMWATER

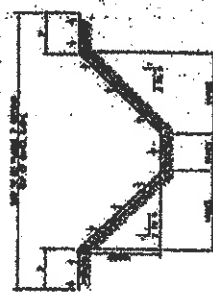


FIGURE 5
TYPICAL MALE SECTION



FIGURE 6
TYPICAL STORMWATER



FIGURE 7
TYPICAL STORMWATER

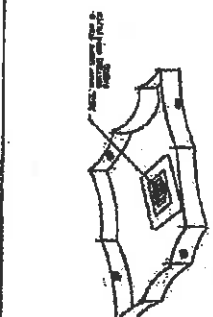


FIGURE 8
TYPICAL STORMWATER

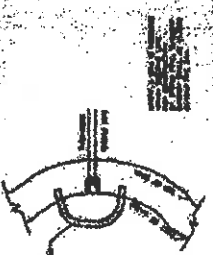


FIGURE 9
TYPICAL STORMWATER

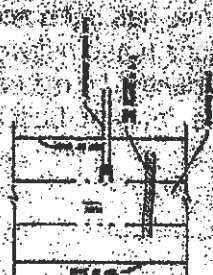


FIGURE 10
TYPICAL STORMWATER

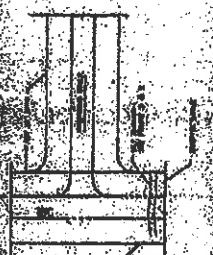


FIGURE 11
TYPICAL STORMWATER



FIGURE 12
TYPICAL STORMWATER



FIGURE 13
TYPICAL STORMWATER



FIGURE 14
TYPICAL STORMWATER



FIGURE 15
TYPICAL STORMWATER



FIGURE 16
TYPICAL STORMWATER



FIGURE 17
TYPICAL STORMWATER

FOR

MANAGEMENT

DETAILS

FIGURE 18

FIGURE 19

FIGURE 20

FIGURE 21

FIGURE 22

FIGURE 23

FIGURE 24

FIGURE 25

FIGURE 26

FIGURE 27

FIGURE 28

FIGURE 29

FIGURE 30

FIGURE 31

FIGURE 32

FIGURE 33

FIGURE 34

FIGURE 35

FIGURE 36

FIGURE 37

FIGURE 38

FIGURE 39

FIGURE 40

FIGURE 41

FIGURE 42

FIGURE 43

FIGURE 44

FIGURE 45

FIGURE 46

FIGURE 47

FIGURE 48

FIGURE 49

FIGURE 50

FIGURE 51

FIGURE 52

FIGURE 53

FIGURE 54

FIGURE 55

FIGURE 56

FIGURE 57

FIGURE 58

FIGURE 59

FIGURE 60

FIGURE 61

FIGURE 62

FIGURE 63

FIGURE 64

FIGURE 65

FIGURE 66

FIGURE 67

FIGURE 68

FIGURE 69

FIGURE 70

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AS-BUILT CERTIFICATION BY PROFESSIONAL ENGINEER

Submit this form and one set of as-built engineering drawings to the U.S. Army Corps of Engineers, Enforcement Section, 10117 Princess Palm Avenue, Suite 120, Tampa, Florida 33610. If you have questions regarding this requirement, please contact the Enforcement Branch at 904-232-3131.

1. Department of the Army Permit Number: SAJ-2010-03518(LP-MEP)

2. Permittee Information:

Name: _____

Address: _____

3. Project Site Identification (physical location/address):

4. As-Built Certification: I hereby certify that the authorized work, including any mitigation required by Special Conditions to the permit, has been accomplished in accordance with the Department of the Army permit with any deviations noted below. This determination is based upon on-site observation, scheduled, and conducted by me or by a project representative under my direct supervision. I have enclosed one set of as-built engineering drawings.

Signature of Engineer

Name (Please type)

(FL, PR, or VI) Reg. Number

Company Name

City

State

ZIP

(Affix Seal)

Date

Telephone Number

Identify any deviations from the approved permit drawings and/or special conditions (attach additional pages if necessary):

STANDARD MANATEE CONDITIONS FOR IN-WATER WORK

2011

The permittee shall comply with the following conditions intended to protect manatees from direct project effects:

- a. All personnel associated with the project shall be instructed about the presence of manatees and manatee speed zones, and the need to avoid collisions with and injury to manatees. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act, the Endangered Species Act, and the Florida Manatee Sanctuary Act.
- b. All vessels associated with the construction project shall operate at "Idle Speed/No Wake" at all times while in the immediate area and while in water where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will follow routes of deep water whenever possible.
- c. Siltation or turbidity barriers shall be made of material in which manatees cannot become entangled, shall be properly secured, and shall be regularly monitored to avoid manatee entanglement or entrapment. Barriers must not impede manatee movement.
- d. All on-site project personnel are responsible for observing water-related activities for the presence of manatee(s). All in-water operations, including vessels, must be shutdown if a manatee(s) comes within 50 feet of the operation. Activities will not resume until the manatee(s) has moved beyond the 50-foot radius of the project operation, or until 30 minutes elapses if the manatee(s) has not reappeared within 50 feet of the operation. Animals must not be herded away or harassed into leaving.
- e. Any collision with or injury to a manatee shall be reported immediately to the Florida Fish and Wildlife Conservation Commission (FWC) Hotline at 1-888-404-3922. Collision and/or injury should also be reported to the U.S. Fish and Wildlife Service in Jacksonville (1-904-731-3336) for north Florida or Vero Beach (1-772-562-3909) for south Florida, and to FWC at ImperiledSpecies@myFWC.com
- f. Temporary signs concerning manatees shall be posted prior to and during all in-water project activities. All signs are to be removed by the permittee upon completion of the project. Temporary signs that have already been approved for this use by the FWC must be used. One sign which reads *Caution: Boaters* must be posted. A second sign measuring at least 8 ½" by 11" explaining the requirements for "Idle Speed/No Wake" and the shut down of in-water operations must be posted in a location prominently visible to all personnel engaged in water-related activities. These signs can be viewed at MyFWC.com/manatee. Questions concerning these signs can be sent to the email address listed above.

CAUTION: MANATEE HABITAT

All project vessels

IDLE SPEED / NO WAKE

**When a manatee is within 50 feet of work
all in-water activities must**

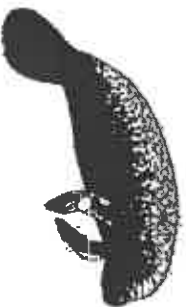
SHUT DOWN

Report any collision with or injury to a manatee:

Wildlife Alert:

1-888-404-FWCC(3922)

cell *FWC or #FWC



APPENDIX D: Standard Manatee Conditions for new and existing pipes and culverts, March 2011

Note: These conditions may be subject to revision at any time. It is our intention that the most recent version of these conditions will be utilized during the evaluation of the permit application.

The following guidance was developed to prevent manatee entrapment within culverts. This guidance applies only to culverts that are accessible to manatees. Structures with water control features (e.g., gates, flaps, etc.) and culverts that do not meet the specifications below will require FWC and Service review.

1. General Guidance:

- a. All culverts 8 inches to 8 feet in diameter must be grated with bars or rods strong enough to prevent manatee entrapment, unless the culvert or pipe is less than 200 feet long and connects two navigable waterways. Manatee entrapment can occur in culverts and pipes where the water level changes, either leaving the manatee stranded inside the culvert or flooding the culvert and drowning the manatee. Since they cannot swim backwards or turn around in culverts less than 8 feet wide, manatees become entrapped in culverts and pipes that have only one access point and the other end is a dead end or leads to a non-navigable stormwater pond or ditching. Culverts subject to variable and extreme water levels (little water to almost completely full) shall be grated as well as all dead end culverts.
- b. Box culverts are preferred by the Service and FWC over round culverts. Bridges are the most preferred by the Service and FWC.
- c. Manatees may become stranded in culverts greater than 8 feet in diameter during periods of low tide. Therefore, when planning for new culverts in tidal waters, a minimum 3-foot depth of water in the culvert at low tide stage is recommended, if necessary.

2. **Size requirements:** Grate bars or rods must be spaced a maximum of 8 inches apart (may be less for culverts smaller than 16 inches in diameter) to effectively prevent manatee access. Diagonal, horizontal or vertical grates may be installed. Grates must be a permanent fixture, maintained for the life of the structure, and not part of a water control structure. Grates may be hinged to swing outwards or may be removable for the purpose of cleaning debris. Culverts or pipes less than 8 inches in diameter are typically exempt from this requirement.
3. **Length requirements:** Based on documented manatee movement by FWC, the maximum recommended culvert length is no longer than 200 feet. Proposed culverts greater than 200 feet in length require a case-by-case review with the Service and FWC.

APPENDIX D: Standard Manatee Conditions for new and existing pipes and culverts, March 2011

4. Case-by-Case Review: Culverts that do not meet the specifications above or grates that preclude manatee access to essential habitat may be reviewed by the Service and FWC. The decision to block manatee access will be based on an assessment of several risk factors including, but not limited to culvert length and size, location, water level, and available habitat. The benefit of access to important habitat (forage resources, calving sites, freshwater, travel corridors, warmwater refugia, refuge from watercraft) will be weighed against the potential risk of injury or death to manatees, if the culvert were to remain accessible.



**Florida Fish
and Wildlife
Conservation
Commission**

*Managing fish and wildlife
resources for their long-term
well-being and the benefit
of people.*

620 South Meridian Street
Tallahassee, Florida
32399-1600

MyFWC.com

Manatee Educational Signs
Required by Permit or Submerged Lands Lease
March 2011

In order to obtain FWC approval for the manatee educational signs required by state permit or submerged lands lease, requests should be sent to:

ImperiledSpecies@myfwc.com

or:

Florida Fish and Wildlife Conservation Commission
Imperiled Species Management Section 6-A
620 South Meridian Street Tallahassee, FL 32399-1600.

The FWC requests that the permittee propose and submit a plan for installing signs based on the guidelines discussed below. FWC will review the sign placement proposal and notify the permittee within 60 days of receiving the plan if the signs and locations are unacceptable. Modifications to the type, location and number of proposed signs may be required. All sign proposals should follow the general guidelines in this document. The following information should be included in this plan and forwarded to FWC for review:

- A detailed upland project site plan with proposed sign locations, types, and proposed numbers of manatee signs. Include which way the signs are proposed to face.
- The project address or a location map of the facility in relation to waterways.
- The project permit or submerged lands lease number.
- Your name, email address, mailing address and a phone number.

Guidelines for the Installation of signs

- Signs must be placed in a prominent location for maximum visibility. Areas that are recommended include: dock walkways, dock master offices, near restrooms or other high patron foot traffic areas.
- Signs must be replaced when faded, damaged or outdated.
- If the facility is large or has multiple docks with separate walkways that are a considerable distance apart, multiple signs should be installed.
- These signs must not face the water, must never be attached to pilings or navigational markers in the water. One exception to signs facing the water exists for the temporary sign, "Caution Boaters" during in-water work.

FWC Approved Signs and Sign Specifications





The FWC designs manatee educational signs, which can be produced by most sign companies. Signs other than depicted may be considered, but must be pre-approved by FWC's Imperiled Species Management Section. There is a list of known sign vendors who produce FWC signs on our [Manatee Sign Vendor webpage](#) as well as downloadable files for sign companies not on this list who may want to produce these signs.

Manatee Educational Signs

February 2011

For durability, all signs should be fiberglass or metal with rounded corners (hand-sanded to remove all sharp edges and burrs), constructed of 0.08 Gauge 5052-H38 Aluminum with an Alodine 1200 conversion coating and Engineer Grade Type I reflective sheeting. Signs constructed to other specifications may not provide durability acceptable to the consumer.

The approved signs must meet the following specifications:

Florida Friendly Boating (2009)	Caution: Boaters (2009)	Entanglement (2010)	Caution: Shut Down (2009)
Minimum size should be 30" tall x 36" wide with rounded corners.	Minimum size should be 30" tall x 24" wide with rounded corners	Minimum size should be 15" tall X 12" wide with rounded corners	Minimum size should be 8½" tall by 11" wide metal with rounded corners
			
This sign is considered the manatee educational sign. In 2009, it replaced the older manatee educational sign called "Manatee Basics for Boaters".	This sign is sometimes referred to as an awareness sign. In 2009, it replaced the "Caution: Manatee Area" sign. These signs are also frequently used as temporary signs for construction purposes.	This entanglement sign is typically placed near recycling bins or trash containers.	This temporary sign is required as part of the standard manatee construction conditions and is intended to be placed near dredge, tugboat and work boat operators.

The size and type of signs required by permit or lease may vary from those depicted in this guide. If you have any questions, please contact FWC's Imperiled Species Management Section.



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Southeast Regional Office
263 13th Avenue South
St. Petersburg, FL 33701

SEA TURTLE AND SMALLTOOTH SAWFISH CONSTRUCTION CONDITIONS

The permittee shall comply with the following protected species construction conditions:

- a. The permittee shall instruct all personnel associated with the project of the potential presence of these species and the need to avoid collisions with sea turtles and smalltooth sawfish. All construction personnel are responsible for observing water-related activities for the presence of these species.
- b. The permittee shall advise all construction personnel that there are civil and criminal penalties for harming, harassing, or killing sea turtles or smalltooth sawfish, which are protected under the Endangered Species Act of 1973.
- c. Siltation barriers shall be made of material in which a sea turtle or smalltooth sawfish cannot become entangled, be properly secured, and be regularly monitored to avoid protected species entrapment. Barriers may not block sea turtle or smalltooth sawfish entry to or exit from designated critical habitat without prior agreement from the National Marine Fisheries Service's Protected Resources Division, St. Petersburg, Florida.
- d. All vessels associated with the construction project shall operate at "no wake/idle" speeds at all times while in the construction area and while in water depths where the draft of the vessel provides less than a four-foot clearance from the bottom. All vessels will preferentially follow deep-water routes (e.g., marked channels) whenever possible.
- e. If a sea turtle or smalltooth sawfish is seen within 100 yards of the active daily construction/dredging operation or vessel movement, all appropriate precautions shall be implemented to ensure its protection. These precautions shall include cessation of operation of any moving equipment closer than 50 feet of a sea turtle or smalltooth sawfish. Operation of any mechanical construction equipment shall cease immediately if a sea turtle or smalltooth sawfish is seen within a 50-ft radius of the equipment. Activities may not resume until the protected species has departed the project area of its own volition.
- f. Any collision with and/or injury to a sea turtle or smalltooth sawfish shall be reported immediately to the National Marine Fisheries Service's Protected Resources Division (727-824-5312) and the local authorized sea turtle stranding/rescue organization.
- g. Any special construction conditions, required of your specific project, outside these general conditions, if applicable, will be addressed in the primary consultation.

Revised: March 23, 2006

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