



FLORIDA DEPARTMENT OF Environmental Protection

Southeast District Office
3301 Gun Club Road, MSC 7210-1
West Palm Beach, FL 33406
561-681-6600

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

August 2, 2023

Mrs. Olson
201 William St
Key West FL 33040
Sent via email: kolson@cityofkeywest-fl.gov

File No.:44-0137939-028-EE, Monroe County

Dear Mrs. Olson:

On July 18, 2023, we received your request for verification of exemption to perform the following activities: perform repairs to 60 ln. ft. of walkway adjacent to the Boathouse restaurant. The project is located in Key West Bight, Class III Waters, adjacent to 231 Margaret St, Key West (Section 31, Township 67 South, Range 25 East), in Monroe County (Latitude N 24° 33' 41.7354", Longitude W -81° 48' 2.4237").

Your request has been reviewed to determine whether it qualifies for (1) a regulatory exemption, (2) proprietary authorization (related to state-owned submerged lands), and (3) federal approval that may be necessary for work in wetlands or waters of the United States.

Your project did not qualify for the federal portion of this verification request. **Additional authorization must be obtained prior to commencement of the proposed activity.** This letter does not relieve you from the responsibility of obtaining other federal, state, or local authorizations that may be required for the activity. Please refer to the specific section(s) dealing with that portion of the review below for advice on how to proceed.

If you change the project from what you submitted, the authorization(s) granted may no longer be valid at the time of commencement of the project. Please contact us prior to beginning your project if you wish to make any changes.

If you have any questions regarding this matter, please contact William Lange at 561-681-6609 or William.Lange@FloridaDEPgov.

1. Regulatory Review – VERIFIED

Based on the information submitted, the Department has verified that the activity as proposed is exempt under Chapter 62-330.051(5)(d), Florida Administrative Code, from the need to obtain a regulatory permit under Part IV of Chapter 373 of the Florida Statutes.

This exemption verification is based on the information you provided the Department and the statutes and rules in effect when the information was submitted. This verification may not be valid if site conditions materially change, the project design is modified, or the statutes or rules governing the exempt activity are amended. In the event you need to re-verify the exempt status for the activity, a new request and verification fee will be required. Any substantial modifications to the project design should be submitted to the Department for review, as changes may result in a permit being required.

2. Proprietary Review - GRANTED

The activity appears to be located on sovereign submerged lands owned by the Board of Trustees. The activity is not exempt from the need to obtain the applicable proprietary authorization. As staff to the Board of Trustees, the Department has reviewed the activity described above, and has determined that the activity qualifies for a letter of consent under Section 253.77, Florida Statutes, to construct and use the activity on the specified sovereign submerged lands, as long as the work performed is located within the boundaries as described herein and is consistent with the terms and conditions herein.

During the term of this Letter of Consent you shall maintain satisfactory evidence of sufficient upland interest as required by paragraph 18-21.004(3)(b), Florida Administrative Code. If such interest is terminated or the Board of Trustees determines that such interest did not exist on the date of issuance of this Letter of Consent, this Letter of Consent may be terminated by the Board of Trustees at its sole option. If the Board of Trustees terminates this Letter of Consent, you agree not to assert a claim or defense against the Board of Trustees arising out of this Letter of Consent.

Special Consent Conditions

1. The applicant agrees to indemnify, defend and hold harmless the Board of Trustees and the State of Florida from all claims, actions, lawsuits and demands in any form arising out of the authorization to use sovereignty submerged lands or the applicant's use and construction of structures on sovereignty submerged lands. This duty to indemnify and hold harmless will include any and all liabilities that are associated with the structure or activity including special assessments or taxes that are now or in the future assessed against the structure or activity during the period of the authorization.

2. Failure by the Board of Trustees to enforce any violation of a provision of the authorization or waiver by the Board of Trustees of any provision of the authorization will not invalidate the provision not enforced or waived, nor will the failure to enforce or a waiver

prevent the Board of Trustees from enforcing the unenforced or waived provision in the event of a violation of that provision.

3. Applicant binds itself and its successors and assigns to abide by the provisions and conditions set forth in the authorization. If the applicant or its successors or assigns fails or refuses to comply with the provisions and conditions of the authorization, the authorization may be terminated by the Board of Trustees after written notice to the applicant or its successors or assigns. Upon receipt of such notice, the applicant or its successors or assigns will have thirty (30) days in which to correct the violations. Failure to correct the violations within this period will result in the automatic revocation of this authorization.

4. All costs incurred by the Board of Trustees in enforcing the terms and conditions of the authorization will be paid by the applicant. Any notice required by law will be made by certified mail at the address shown on page one of the authorization. The applicant will notify the Board of Trustees in writing of any change of address at least ten days before the change becomes effective.

5. This authorization does not allow any activity prohibited in a conservation easement or restrictive covenant that prohibits the activity.

General Conditions for Authorizations for Activities

All authorizations granted by rule or in writing under Rule 18-21.005, F.A.C., except those for geophysical testing, shall be subject to the general conditions as set forth in paragraphs (a) through (i) below. The general conditions shall be part of all authorizations under this chapter, shall be binding upon the grantee, and shall be enforceable under Chapter 253 or 258, Part II, F.S.

(a) Authorizations are valid only for the specified activity or use. Any unauthorized deviation from the specified activity or use and the conditions for undertaking that activity or use shall constitute a violation. Violation of the authorization shall result in suspension or revocation of the grantee's use of the sovereignty submerged land unless cured to the satisfaction of the Board.

(b) Authorizations convey no title to sovereignty submerged land or water column, nor do they constitute recognition or acknowledgment of any other person's title to such land or water.

(c) Authorizations may be modified, suspended or revoked in accordance with their terms or the remedies provided in Sections 253.04 and 258.46, F.S., or Chapter 18-14, F.A.C.

(d) Structures or activities shall be constructed and used to avoid or minimize adverse impacts to sovereignty submerged lands and resources.

(e) Construction, use, or operation of the structure or activity shall not adversely affect any species which is endangered, threatened or of special concern, as listed in Rules 68A-27.003, 68A-27.004, and 68A-27.005, F.A.C.

(f) Structures or activities shall not unreasonably interfere with riparian rights. When a court of competent jurisdiction determines that riparian rights have been unlawfully affected, the structure or activity shall be modified in accordance with the court's decision.

(g) Structures or activities shall not create a navigational hazard.

(h) Structures shall be maintained in a functional condition and shall be repaired or removed if they become dilapidated to such an extent that they are no longer functional. This shall not be construed to prohibit the repair or replacement subject to the provisions of Rule 18-21.005, F.A.C., within one year, of a structure damaged in a discrete event such as a storm, flood, accident, or fire.

(i) Structures or activities shall be constructed, operated, and maintained solely for water dependent purposes, or for non-water dependent activities authorized under Paragraph 18-21.004(1)(f), F.A.C., or any other applicable law.

3. Federal Review - NOT APPROVED

Your proposed activity as outlined on your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **shall be required** from the Corps. You must apply separately to the Corps using their APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT, ENG FORM 4345, or alternative as allowed by their regulations. More information on Corps permitting may be found online in the Jacksonville District Regulatory Division Source Book at: <https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book>.

Authority for review an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department of Environmental Protection, or Duly Authorized Designee, State Programmatic General Permit", Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Additional Information

Please retain this letter. The activities may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to penalties under Chapter 373, F.S., and Chapter 18-14, F.A.C.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this

action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (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 are or 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 that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While

you are not required to publish notice of this action, you may elect to do so pursuant Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Norva Blandin, MSEM
Permitting Program Administrator
Southeast District

Enclosures:

Attachment A- Specific Exemption Rule
Project drawings, 5 pages

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments, including all copies, were sent to the addressee and to the following listed persons:

FDEP – Norva Blandin, Danielle Sattelberger, William Lange, Katie Teyshak, Vanessa Osborne
Nicole Goldy, nicole.goldy@tetrattech.com

Additional Mailings:

U.S. Army Corps of Engineers, Miami Office, SEAppls@usace.army.mil

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52(7), F.S., with the designated Department clerk, receipt of which is hereby acknowledged.

Kameil Akbar
Clerk

08.02.2023
Date

Attachment A

62-330.051 Exempt Activities.

The activities meeting the limitations and restrictions below are exempt from permitting. However, if located in, on, or over state-owned submerged lands, they are subject to a separate authorization under Chapters 253 and 258, F.S., and Chapters 18-18, 18-20, and 18-21, F.A.C., as applicable.

(5) Dock, Pier, Boat Ramp and Other Boating-related Work –

(d) Replacement or repair of existing docks and piers, including mooring piles, in accordance with section 403.813(1)(d), F.S., provided the existing structure is still functional or has been rendered non-functional within the last year by a discrete event, such as a storm, flood, accident, or fire.

Rulemaking Authority 373.026(7), 373.043, 373.4131, 373.4145, 403.805(1) FS. Law Implemented 373.406, 373.4131, 373.4145, 373.415, 403.813(1) FS. History—New 10-1-13, Amended 6-1-18.

CONSTRUCTION PLANS
231 MARGARET ST
HISTORIC SEAPORT
DECK FRAMING REPAIRS



SITE LOCATION

LOCATION MAP:

CITY OF KEY WEST
PURCHASE ORDER: PO 096121
(DATED 04/20/2022)
ARTIBUS DESIGN TASK ORDER #2203

PROJECT LOCATION:
231 MARGARET ST,
KEY WEST, FL 33040

THIS DRAWING IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL

Digitally signed by
Serge Mashtakov,
PE 71480 State of
Florida
Date: 2022.09.05
15:02:58 -04'00'

DATE: _____
SIGNED: SERGE MASHTAKOV
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO 71480



REV:	DESCRIPTION:	BY:	DATE:
	FINAL		

**ARTIBUS DESIGN**
ENGINEERING AND PLANNING

ARTIBUS DESIGN
3710 N. ROOSEVELT BLVD
KEY WEST, FL 33040
(305) 304-3512
WWW.ARTIBUSDESIGN.COM
CA # 30895

CLIENT: CITY OF KEY WEST
ENGINEERING DEPARTMENT
3710 N. ROOSEVELT BLVD
KEY WEST, FL 33040
PROJECT: HISTORIC SEAPORT
DECK FRAMING REPAIRS

SITE: 231 MARGARET ST
KEY WEST, FL 33040
TITLE: COVER

DATE: 2206-02	DATE: 2206-02	DATE: 2206-02	DATE: 2206-02
BY: [Signature]	BY: [Signature]	BY: [Signature]	BY: [Signature]
PROJECT: 2206-02	PROJECT: 2206-02	PROJECT: 2206-02	PROJECT: 2206-02
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GENERAL REQUIREMENTS:

- 1. PRIOR TO STARTING ANY WORK THE CONTRACTOR SHALL REVIEW THESE PLANS AND SITE CONDITIONS AND NOTIFY THE ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED.
- 2. THE ENGINEER IS NOT RESPONSIBLE FOR THE SUPERVISION OF THE CONTRACTOR NOR HIS EMPLOYEES DURING THE CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MEANS AND ESTABLISH METHODS OF THE CONSTRUCTION TO MEET REQUIREMENTS OF ALL APPLICABLE CODES, INDUSTRY STANDARDS AND REQUIREMENTS OF THESE PLANS.
- 3. QUALITY OF THE WORK SHALL MEET OR EXCEED INDUSTRY STANDARD PRACTICES.
- 4. ANY DEVIATIONS FROM THESE PLANS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER.

DESIGN DATA:

- 1. APPLICABLE BUILDING CODE: FBC EXISTING BUILDING 7TH EDITION (2020)
- 2. APPLICABLE DESIGN LOADS: PER ASCE/SEI 7-16
- 3. FLOOD ZONE: VE10
- 4. BASIC WIND SPEED: 20 REF 300 LB CONG.)
- 5. EXPOSURE: D
- 6. STRUCTURAL CATEGORY: II
- 7. FLOOD ZONE: VE10

ALL PRESSURES SHOWN ARE BASED ON ASD DESIGN, WITH A LOAD FACTOR OF 0.6

- 3. ASCE 24-14 FLOOD RESISTANT DESIGN AND CONSTRUCTION

ALUMINUM COMPONENTS:

- 1. TYPE 6061-T6 ALUMINUM.
- 2. MIG WELD ALL JOINTS W/ CONTINUOUS 1/8" WELD. USE 5356 FILLER WIRE ALLOY.
- 3. ALL ALUMINUM IN CONTACT WITH CONCRETE, PT WOOD, DISSIMILAR METALS AND OTHER CORROSIVE MATERIALS SHALL COATED WITH COAL-TAR EPOXY OR PROTECTED BY OTHER ENGINEER APPROVED METHOD.



HARDWARE:

- 1. HARDWARE SHALL BE 316 STAINLESS STEEL OR BETTER UNLESS OTHERWISE SPECIFIED.

STRUCTURAL LUMBER:

- 1. ALL WOOD MEMBERS SHALL MEET OR EXCEED REQUIREMENTS SPECIFIED IN "ANSI/AF&PA NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION" AND ALL REFERENCED STANDARDS.
- 2. ALL WOOD MEMBERS SHALL BE PRESSURE TREATED SOUTHER PINE NO1 OR GREATER KILN DRIED AS SPECIFIED IN THE STANDARDS, UNLESS OTHERWISE SPECIFIED.
- 3. ALL WOOD MEMBERS EXPOSED TO EXTERIOR, IN DIRECT CONTACT WITH CONCRETE OR STEEL SHALL BE PRESSURE-TREATED (PT) **UD9C GRADE (MARINE USE)** PER AWPA STANDARDS.
- 4. NAILING SHALL BE IN ACCORDANCE WITH FBC 7TH EDITION (2020). NAILS AND OTHER FASTENERS FOR PT WOOD SHALL BE STAINLESS STEEL OR ACP APPROVED TREATED.
- 5. SHEATHING SHALL BE 3/4" CDX PLYWOOD SHEATHING GRADE, UNLESS OTHERWISE IS SPECIFIED ON THE PLANS. USE 10D RING-SHANK NAILS WITH SPACING OF 4" O.C. ON ALL EDGES AND 6" O.C. IN THE FIELD.

STRUCTURAL STEEL:

- 1. STRUCTURAL STEEL COMPONENTS SHALL BE AS DESCRIBED IN "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS" ALSO 360 OR LATER EDITION.
- 2. HSS SHAPES (STRUCTURAL TUBING) SHALL BE ASTM A500 (FY=46 KSI).
- 3. STEEL PLATES, FLANGES AND MISCELLANEOUS ELEMENTS SHALL BE ASTM A36 (FY=36 KSI) UNLESS NOTED OTHERWISE ON THE PLANS.
- 4. W-SHAPES, C-SHAPES AND OTHER FORMED STEEL SHALL BE ASTM A992 (FY=50 KSI).
- 5. ALL WELDING SHALL BE IN CONFORMANCE WITH THE LATEST SPECIFICATIONS AWS D1.1/D1.1M:2010, STRUCTURAL WELDING CODE - STEEL.

STRUCTURAL STEEL COATING:

- 1. ALL SURFACES SHALL BE ABRASIVE BLAST CLEANED TO NEAR-WHITE METAL (PER SSPC-SP10) EXPOSED STEEL.
- 2. ALL SURFACES SHALL BE PRIMED WITH POLYAMIDE EPOXY - ONE COAT (8.0 MILS DFT).
- 3. APPLY SEALANT AT ALL LOCATIONS WHERE STEEL IS WELDED, LAPPED, ETC. SEALANT MATERIAL SHALL BE EPOXY-BASED WITH THE FOLLOWING REQUIREMENTS:
- 4. TOP LAYER SHALL BE TWO (2) COAT POLYURETHANE (3.0 MILS DFT EACH).
- 5. TOP PAINT SHALL BE UV RESISTANT OR HAVE A UV RESISTANT COATING.
- 6. COLORS SHALL MATCH EXISTING OR TO BE SELECTED BY THE OWNER.
- 7. NON-EXPOSED STEEL (INTERIOR):
- 7. 2 COATS OF "SUMTER COATINGS" UNIVERSAL PRIMER (6.0 MILS DFT) OR APPROVED EQUAL.

REV: DESCRIPTION:	BY:	DATE:
STATUS: FINAL		



ARTIBUS DESIGN 3710 N. ROOSEVELT BLVD KEY WEST, FL 33040 (305) 304-3512 WWW.ARTIBUSDESIGN.COM CA # 30835

CLIENT: CITY OF KEY WEST ENGINEERING DEPARTMENT 1500 MARSHALL BLVD KEY WEST, FL 33040
PROJECT: HISTORIC SEAPORT DECK FRAMING REPAIRS

SITE: 231 MARGARET ST KEY WEST, FL 33040
TITLE: NOTES

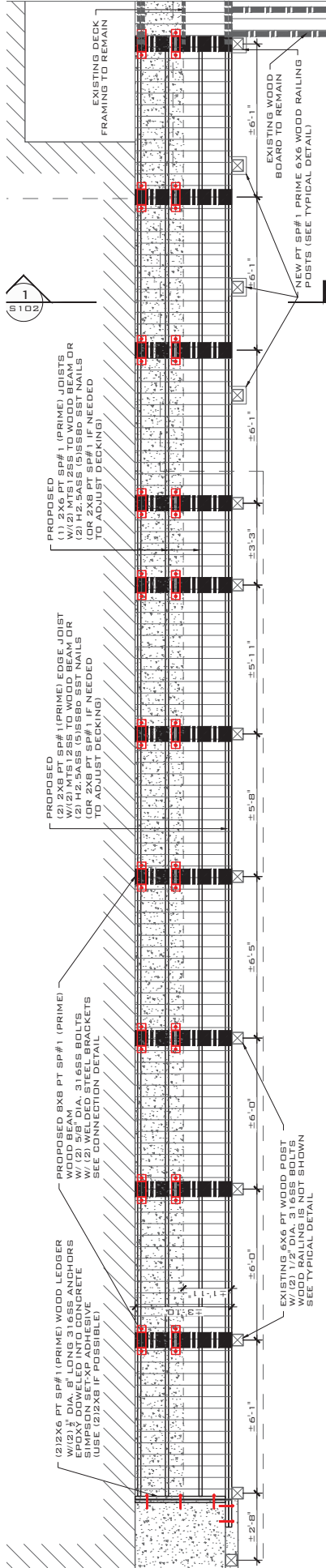
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AM: 09/05/22 JH: 09/05/22
REV: 1

THIS DRAWING IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL

Digitally signed by
Serge Mashtakov, PE
71480 State of
Florida
Date: 2022.09.05
15:03:11 -04'00'

DATE: SERGE MASHTAKOV
PE 71480
STATE OF FLORIDA
LICENSE NO 71480





NOTE: ALL ELECTRICAL AND LOW VOLTAGE EQUIPMENT TO BE PROTECTED FOR THE DURATION OF THE REPAIRS AND RE-INSTALLED TO NEW FRAMING. THE CONTRACTOR AND ALL TRADE SUBCONTRACTORS SHALL INSPECT JOB SITE PRIOR BIDDING THE PROJECT AND EVALUATE FIELD CONDITIONS.

PROPOSED FRAMING PLAN

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



SITE MAP
SCALE: NTS

REV:	DESCRIPTION:	BY:	DATE:
	FINAL		



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ENGINEERING AND PLANNING
3710 N. ROOSEVELT BLVD
KEY WEST, FL 33040
(305) 304-3512
WWW.ARTIBUSDESIGN.COM
CA # 30835

CLIENT:	CITY OF KEY WEST ENGINEERING DEPARTMENT 3710 N. ROOSEVELT BLVD KEY WEST, FL 33040
PROJECT:	HISTORIC SEAPORT DECK FRAMING REPAIRS

SITE:	231 MARGARET ST KEY WEST, FL 33040
TITLE:	PROPOSED FRAMING PLAN
SCALE:	SITE MAP
DATE:	2022.09.05
BY:	ARTIBUS DESIGN
FOR:	ARTIBUS DESIGN
PROJECT NO:	2206-02
REVISION:	S-101
1	

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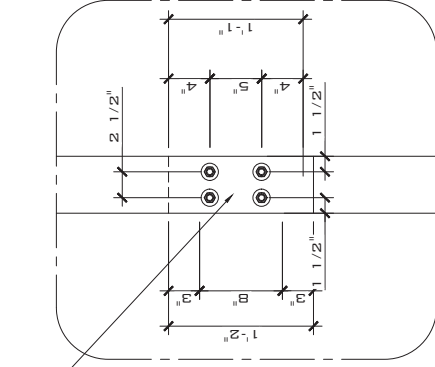
Digitally signed by
Serge Mashtakov, PE
71480 State of Florida
Date: 2022.09.05
15:03:24 -04'00'

SIGNATURE:

DATE:

SERGE MASHTAKOV
PE
STATE OF FLORIDA
LICENSE NO 71480





REPLACE W/
6X6 PT WOOD POST
REPLACE BOTTOM OF WOOD
W/ (2) 1 1/2" DIA. 31 6SS BOLTS
WOOD RAILING IS NOT SHOWN
SEE TYPICAL DETAIL

PROPOSED 2X6 PT SP#1 (PRIME)
JOISTS @ 16" MAX
W/2) MTS 12SS TO WOOD BEAM O
(2) H2; 5ASS (5)SS8D SST NAILS
(OR 2X8 PT SP#1 IF NEEDED
TO ADJUST DECKING)

CUSTOM MANUFACTURED
3"X5"X5" 1/4" ANGLE BRACKET
316SS W/ (2) 1/2" DIA. 316S
BOLTS AS SHOWN (TO EACH
GUARDRAIL POST)

CUSTOM MANUFACTURED
1/2"x2" PLATE BRACKET
316SS W/ 5/8" DIA. 316SS A
THREADS TO EACH BEAM
(2) 1/4" DIA. 4" 316SS LAG S
THROUGH TOP

PROPOSED
(2) 2X8 PT SP#1 PRIME EDGE JOIST
W/(2) MTS12SS TO WOOD BEAM OR
(2) H2.SASS (5)SS80 SST NAILS
(OR 2X8 PT SP#1 IF NEEDED
TO ADJUST DECKING)

PROPOSED FIBERGLASS
UTILITY TRAY
SYSTEM NUMBER 12-7625-0010-12
ACCORDING TO LEGRAND CATALOG

EXISTING CONDUITS TO REMAIN,
DEMO BROKEN AND ABANDONED
316SS UNIRACK SECTION
@ EACH SUPPORT

12"x4"x1/2" STAINLESS STEEL BASE PLATE,
W/1/2" 5/8" DIA. 316SS
ALL THREAD ANCHORS
W/ NYLON LOCKING NUTS ON TOP,
EPOXY DOWEL 8" EMBEDMENT,
SIMPSON SET-XP ADHESIVE,
±(1"-2") NS GROUT (6000 PSI)
TO ADJUST SURFACE OF BASEMENT

PROPOSED
(1) 2X6 PT SP#1 EDGE JOISTS
W/(2) MTS1 2SS TO WOOD BEAM OR
(2) H2.SASS (S)SS8D SST NAILS
(OR 2X8 PT SP#1 IF NEEDED
TO ADJUST DECKING)

PROPOSED 8X8 PT SP#1
WOOD BEAM
W/ (2) 5/8" DIA. 316SS BOLTS
TO (2) WELDED STEEL BASES
SEE CONNECTION DETAIL

EXISTING PIPE TO REMAIN,
W/5/8" DIA. 316SS
ALL THREAD ANCHOR
W/ NYLON LOCKING NUTS AND
WASHER ON TOP AT EACH SUPPORT

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

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

1/2" REUSE EXISTING IPE DECKING OR MATCH EXISTING W/ (2) #7 3" SST SCREWS EACH SUPPORT

3"x3" STAINLESS STEEL BRACKET
W/ (1) 5/8" DIA. 31.6SS BOLT
WELDED TO 12"x4" STEEL BASE PLATE
1/8" FILLET WELD
W/(2) 5/8" DIA. 31.6SS
ALL THREAD ANCHORS
W/ NYLON LOCKING NUTS ON TOP,
EPOXY DOWEL B[®] EMBEDMENT,
SIMPSON SET-XP ADHESIVE

Technical drawing of a rectangular plate. The overall dimensions are 12 inches in length and 7 1/2 inches in width. The plate has a central rectangular hole with a width of 7 1/2 inches and a height of 4 inches. The hole is positioned 3 inches from the left and right edges and 1 1/2 inches from the top and bottom edges. The plate has a thickness of 3/4 inch. The drawing includes a top view and a side view.

CONNECTION
DETAIL

THIS DRAWING IS NOT VALID WITHOUT THE
SIGNATURE AND ORIGINAL SEAL

Digitally signed
by Serge
Mashtakov, PE
71480 State of
Florida
Date: 2022.09.0
15:03:36 -04'00

SERGE MASHTAKOV
 PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 LICENSE NO. 71,480

REV:	DESCRIPTION:	BY:	DATE:
STATUS: FINAL			

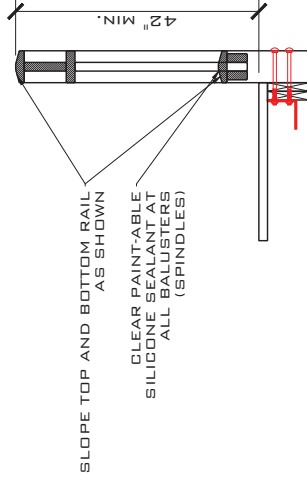


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(305) 304-3512
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CLIENT:	CITY OF KEY WEST ENGINEERING DEPARTMENT 1300 WHITE ST., KEY WEST, FL 33040
PROJECT:	HISTORIC SEAPORT DECK FRAMING REPAIRS

231 MARGARET ST. KEY WEST, FL 33040	
TITLE: SECTION 1-1 DETAILS	
SCALE AT 1/8"=1'-0"	CHECKED: SAM
AS SHOWN	DATE: 09/05/22 DRAWN: AH
PROJECT NO: 2206-02	DRAWING NO: S-102 REVISION: 1



TYPICAL WOOD RAILING

MINIMUM FASTENERS REQUIREMENTS:

- 1. TOP RAIL TO POSTS - (4) #10X3" SST DECK SCREWS EACH POST;
- 2. HORIZONTAL RAILS - (4) #10X3" SST DECK SCREWS EACH SIDE;
- 3. VERTICAL BALUSTERS - (1) #9X2.5" SST DECK SCREWS EACH END;



Digitally signed by
Serge Mashtakov, PE
71480 State of Florida
Date: 2022.09.05
15:03:47 -04'00'

DATE: _____

SERGE MASHTAKOV
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO 71480

SITE: 231 MARGARET ST. KEY WEST, FL 33040		TITLE: TYPICAL WOOD RAILING	
SCALE AT 1/4"=1'-0"	DATE: 09/05/22	DRAWN: AH	CHECKED: SAM
AS SHOWN	PROJECT NO:	DRAWING NO: S-103	REVISION: 1
2206-02			



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, JACKSONVILLE DISTRICT
701 SAN MARCO BOULEVARD
JACKSONVILLE, FLORIDA 32207-8175

February 23, 2024

Regulatory Division
South Branch
Miami Permits Section
SAJ-2023-01683(GP-MCA)

Ms. Karen Olson
City of Key West, Deputy Director of Port and Marine Services
201 William Street
Key West, FL 33040

Dear Ms.Olsen:

The U.S. Army Corps of Engineers (Corps) has completed the review of your application for a Department of the Army permit, which the Corps received on July 19, 2023. Your application was assigned file number SAJ-2023-01683(GP-MCA).A review of the information and drawings provided indicates that the proposed work would be approximately 60 linear feet of walkway repairs. Applicant will install temporary floating turbidity barriers around all work areas that are in/over U.S. navigable waters. The activities subject to this permit are authorized pursuant to authorities under Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. § 403) The project is located in the Florida Keys Marine Sanctuary at 220 Margaret Street in Section 31, Township 67 South, Range 25 East, Key West, Monroe County, Florida, 33040. (RE/00072082-004400)

This letter verifies your project, as described above and depicted on the enclosed drawings, dated February 23, 2024 containing 5 pages, stamped by the Corps, is authorized by Regional General Permit (RGP) SAJ-82 and any subsequent modifications, if applicable. **This RGP authorization is valid until June 24, 2026.** If you commence or are under contract to commence this activity before the date that SAJ-82 expires or is revoked, you will have 12 months from the date of the expiration or revocation of SAJ- 82 to complete the activity under the present terms and conditions of SAJ-82.

Please access the Corps' Jacksonville District Regulatory Division Source Book web page to view the special and general conditions for SAJ-82, which apply specifically to this authorization. The Internet URL address is: <https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>. Please be aware this Internet address is case sensitive and you will need to enter it exactly as it appears above. Once there, select "General Permits." Then you will need to select the specific SAJ permit noted above.

You must comply with all of the general and special conditions of the RGP, as well as any project-specific conditions included in this letter.

General Conditions:

1. The time limit for completing the work authorized ends on **June 24, 2026**.
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 on the attached transfer form (attached) and forward a copy to this office to validate the transfer of this authorization.
5. 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.

Project Specific Special Conditions:

The following project specific special conditions are included with this verification:

1.Reporting Address: The Permittee shall submit all reports, notifications, documentation, and correspondence required by the general and special conditions of this permit to either (not both) of the following addresses:

- a. For electronic mail (preferred): SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).
- b. For standard mail: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019.

The Permittee shall reference this permit number, SAJ-2023-01683(GP-MCA)on all submittals.

2. Commencement Notification: Within 10 days from the date of initiating the work authorized by this permit, the Permittee shall submit a completed "Commencement Notification" form (Attached).

3. Self-Certification: Within 60 days of completion of the work authorized by this permit, the Permittee shall complete the attached "Self-Certification Statement of Compliance" form (Attached) and submit it to the Corps. In the event that the completed work deviates in any manner from the authorized work, the Permittee shall describe the deviations between the work authorized by this permit and the work as constructed on the "Self-Certification Statement of Compliance" form. The description of any deviations on the "Self-Certification Statement of Compliance" form does not constitute approval of any deviations by the Corps.

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 U.S. Army 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. Manatee Conditions: The Permittee shall comply with the "Standard Manatee Conditions for In-Water Work - 2011" (attached). The most recent version of the Manatee Conditions must be utilized.

6. Jacksonville District Programmatic Biological Opinion (JAXBO): Structures and activities authorized under this permit will be constructed and operated in accordance with all applicable PDCs contained in the JAXBO, based on the permitted activity. Johnson's seagrass and its critical habitat were delisted from the Endangered Species Act on May 16, 2022. Therefore, JAXBO PDCs required to minimize adverse effects to Johnson's seagrass and its critical habitat are no longer applicable to any project. Failure to comply with applicable PDCs will constitute noncompliance with this permit. In addition, failure to comply with the applicable PDCs, where a take of listed species occurs, would constitute an unauthorized take. The NMFS is the appropriate authority to determine compliance with the Endangered Species Act. The most current version of JAXBO can be accessed at the Jacksonville District Regulatory Division website in the Endangered Species section of the Sourcebook located at:

<http://www.saj.usace.army.mil/Missions/Regulatory/SourceBook.aspx>

JAXBO may be subject to revision at any time. The most recent version of the JAXBO must be utilized during the design and construction of the permitted work.

7. Posting of Permit: The Permittee shall have available and maintain for review a copy of this permit and approved plans at the construction site.

8. Cultural Resources/Historic Properties:

a. No structure or work shall adversely affect, impact, or disturb properties listed in the National Register of Historic Places (NRHP), or those eligible for inclusion in the NRHP.

b. If, during the ground disturbing activities and construction work within the permit area, there are archaeological/cultural materials encountered which were not the subject of a previous cultural resources assessment survey (and which shall include, but not be limited to: pottery, modified shell, human remains, ceramics, stone tools or metal implements, dugout canoes, evidence of structures or any other physical remains that could be associated with native cultures or early colonial settlement), the Permittee shall immediately stop all work and ground-disturbing activities within a 100-meter diameter of the discovery and notify the Corps at the addresses listed in the Reporting Address Special Condition within the same business day (8 hours). The Corps shall coordinate with the Florida State Historic Preservation Officer (SHPO) to assess the significance of the discovery and devise appropriate actions.

c. Additional cultural resources assessments may be required of the permit area in the case of unanticipated discoveries as referenced in accordance with the above Special Condition and, if deemed necessary by the SHPO or Corps, in accordance with 36 CFR 800 or 33 CFR 325, Appendix C (5). Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume on non-federal lands without written authorization from the SHPO for finds under his or her jurisdiction, and from the Corps.

d. In the unlikely event that unmarked human remains are identified on non-federal lands; they will be treated in accordance with Section 872.05 Florida Statutes. All work and ground disturbing activities within a 100-meter diameter of the unmarked human remains shall immediately cease and the Permittee shall immediately notify the medical examiner, Corps, and State Archaeologist within the same business day (8-hours). The Corps shall then notify the appropriate SHPO. Based on the circumstances of the discovery, equity to all parties, and considerations of the public interest, the Corps may modify, suspend, or revoke the permit in accordance with 33 CFR Part 325.7. Such activity shall not resume without written authorization from the SHPO and from the Corps.

9. 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 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 daily until the authorized work has been completed and turbidity within the construction area has returned to ambient levels. Turbidity barriers shall be removed upon stabilization of the work area.

10. Permit Conditions Prevail: If information in the permit attachments conflict with the special conditions of this permit, the requirements of the permit special conditions shall prevail.

This letter of authorization does not include conditions that would prevent the 'take' of a state-listed fish or wildlife species. These species are protected under sec. 379.411, Florida Statutes, and listed under Rule 68A-27, Florida Administrative Code. With regard to fish and wildlife species designated as species of special concern or threatened by the State of Florida, you are responsible for coordinating directly with the Florida Fish and Wildlife Conservation Commission (FWC). You can visit the FWC license and permitting webpage (<http://www.myfwc.com/license/wildlife/>) for more information, including a list of those fish and wildlife species designated as species of special concern or threatened. The Florida Natural Areas Inventory (<http://www.fnai.org/>) also maintains updated lists, by county, of documented occurrences of those species.

This letter of authorization does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located

in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

This letter of authorization does not preclude the necessity to obtain any other Federal, State, or local permits, which may be required.

Thank you for your cooperation with our permit program. 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 complete our automated Customer Service Survey at <https://regulatory.ops.usace.army.mil/customer-service-survey/>. Please be aware this Internet address is case sensitive and you will need to enter it exactly as it appears above. Your input is appreciated – favorable or otherwise.

Should you have any questions related to this GP verification or have issues accessing the documents reference in this letter, please contact Maena C. Angelotti at 9900 Southwest 107th Avenue, Suite 203, Miami, Florida, 33176 via telephone at 786-417-5339 or via e-mail at [Maena.C. Angelotti@usace.army.mil](mailto:Maena.C.Angelotti@usace.army.mil).

ANGELOTTI.MAE
NA.1607117876

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ANGELOTTI.MAENA.1607117876
Date: 2024.02.23 16:26:07 -05'00'

Maena C. Angelotti
Project Manager

Attachments

Permit Transfer Request Site Plans
Self-Certification of Compliance
Standard Manatee Conditions for In-Water
Work

CONSTRUCTION PLANS
231 MARGARET ST
HISTORIC SEAPORT
DECK FRAMING REPAIRS



SITE LOCATION

LOCATION MAP:

CITY OF KEY WEST
PURCHASE ORDER: PO 096121
(DATED 04/20/2022)
ARTIBUS DESIGN TASK ORDER #2203

PROJECT LOCATION:
231 MARGARET ST,
KEY WEST, FL 33040

THIS DRAWING IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL

Digitally signed by
Serge Mashtakov,
PE 71480 State of
Florida
Date: 2022.09.05
15:02:58 -04'00'

SEAL: SERGE MASHTAKOV
PROFESSIONAL ENGINEER
FLORIDA
LICENSE NO. 71480

DATE: 2022.09.05
15:02:58 -04'00'

REV	DESCRIPTION	BY	DATE
STATUS: FINAL			

ARTIBUS DESIGN ENGINEERING AND PLANNING	
ARTIBUS DESIGN 3710 N. ROOSEVELT BLVD KEY WEST, FL 33040 305.308.3512 WWW.ARTIBUSDESIGN.COM CA # 30835	

CLIENT:	CITY OF KEY WEST ENGINEERING DEPARTMENT 3710 N. ROOSEVELT BLVD KEY WEST, FL 33040
PROJECT:	HISTORIC SEAPORT DECK FRAMING REPAIRS

SHEET:	231 MARGARET ST, KEY WEST, FL 33040
TITLE:	COVER

SCALE:	AS SHOWN	DATE:	09/05/22	DRAWN:	AH	CHECKED:	BAM
PROJECT NO:	2206-02	DRAWING NO:	G-100	REVISION:	1		

1. PRELIMINARY REVIEW OF THE WORK. THE CONTRACTOR SHALL REVIEW THESE PLANS AND SITE CONDITIONS AND NOTIFY THE ENGINEER IF ANY DISCREPANCIES ARE DISCOVERED.
2. THE ENGINEER IS NOT RESPONSIBLE FOR THE SUPERVISION OF THE CONTRACTOR NOR HIS EMPLOYEES DURING THE CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MEANS AND ESTABLISH METHODS OF THE CONSTRUCTION TO MEET REQUIREMENTS OF ALL APPLICABLE CODES, INDUSTRY STANDARDS AND REQUIREMENTS OF THESE PLANS.
3. QUALITY OF THE WORK SHALL MEET OR EXCEED INDUSTRY STANDARD PRACTICES.
4. ANY DEVIATIONS FROM THESE PLANS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER.

1. APPLICABLE BUILDING CODE: FBC EXISTING BUILDING 7TH EDITION (2020)

1. APPLICABLE BUILDING CODE: FBC EXISTING BUILDING 7TH EDITION (2020D)
2. APPLICABLE DESIGN LOADS: PER ASCE/SEI 7-16
FLOOR LIVE LOAD: 100 PSF
ROOF LIVE LOAD: 20 PSF (300 LB CONC.)
BASIC WIND SPEED: 180 MPH
EXPOSURE: D
STRUCTURAL CATEGORY: II
FLOOD ZONE: VE10

ALL PRESSURES SHOWN ARE BASED ON ASD DESIGN,
WITH A LOAD FACTOR OF 0.6

ALUMINUM COMPONENTS:

1. TYPE 6061-T6 ALUMINUM.
2. MIG WELD ALL JOINTS W/ CONTINUOUS 1/8" WELD. USE 5356 FILLER WIRE ALLOY.
3. ALL ALUMINUM IN CONTACT WITH CONCRETE, FT WOOD, DISSIMILAR METALS AND OTHER CORROSIVE MATERIALS SHALL COATED WITH COAL-TAR EPOXY OR PROTECTED BY OTHER ENGINEER APPROVED METHOD.

1. HARDWARE SHALL BE 316 STAINLESS STEEL OR BETTER UNLESS OTHERWISE SPECIFIED.

1. ALL WOOD MEMBERS SHALL MEET OR EXCEED REQUIREMENTS SPECIFIED IN "ANSI/AP&PA NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION" AND ALL REFERENCED STANDARDS.

2. ALL WOOD MEMBERS SHALL BE PRESSURE TREATED SOUTHERN PINE NO.1 OR GREATER KILN DRIED AS SPECIFIED IN THE STANDARDS, UNLESS OTHERWISE SPECIFIED.
3. ALL WOOD MEMBERS EXPOSED TO EXTERIOR, IN DIRECT CONTACT WITH CONCRETE OR STEEL SHALL BE PRESSURE-TREATED (PT) U.S.C. GRADE (MARINE USE) PER A.W.P.A. STANDARDS.
4. NAILING SHALL BE IN ACCORDANCE WITH F.B.C. 7TH EDITION (2020). NAILS AND OTHER FASTENERS FOR PT WOOD SHALL BE STAINLESS STEEL OR ALUM. APPROVED TREATED.
5. SHEATHING SHALL BE 1/2" THICK, 4' X 8' OR 4' X 10' S2S OR S4S. SHEATHING, OTHERWISE IS SPECIFIED ON THE PLAN. USE 100 RING-SHANK NAILS WITH SPACING OF 4" O.C. ON ALL EDGES AND 6" O.C. IN THE FIELD.

1. STRUCTURAL STEEL COMPONENTS SHALL BE AS DESCRIBED IN SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS" AISC 360 OR LATER EDITION.

2. HSS SHAPES (STRUCTURAL TUBING) SHALL BE ASTM A500 (FY=46 KSI).
3. STEEL PLATES, FLANGES AND MISCELLANEOUS ELEMENTS SHALL BE ASTM A36 (FY=36 KSI) UNLESS NOTED OTHERWISE ON THE PLANS.
4. W-SHAPES, C-SHAPES AND OTHER FORMED STEEL SHALL BE ASTM A992 (FY=50 KSI).
5. ALL WELDING SHALL BE IN CONFORMANCE WITH THE LATEST SPECIFICATIONS AWS D1.1/D1.1M:2010, STRUCTURAL WELDING CODE, STEEL.

1. ALL SURFACES SHALL BE ABRASIVE BLAST CLEANED TO NEAR-WHITE METAL (PER SSPC-SP 10) EXPOSED STEEL;

2. ALL SURFACES SHALL BE PRIMED WITH POLYIMIDE EPOXY - ONE COAT (8.0 MILS DFT).
 3. APPLY SEALANT AT ALL LOCATIONS WHERE STEEL IS WELDED, LAPPED, ETC. SEALANT MATERIAL SHALL BE COMPATIBLE WITH THE PAINTING SYSTEM.
 4. TOP LAYER SHALL BE TWO (2) COAT POLYURETHANE (3.0 MILS DFT EACH).
 5. TOP PAINT SHALL BE UV RESISTANT OR HAVE A UV RESISTANT COATING.
 6. COLORS SHALL MATCH EXISTING OR TO BE SELECTED BY THE OWNER.
- NON-EXPOSED STEEL (INTERIOR):
7. 2 COATS OF "SUNTER COATINGS" UNIVERSAL PRIMER (6.0 MILS DFT) OR APPROVED EQUAL.

ARTIBUS DESIGN
ENGINEERING AND PLANNING

CLIENT: CITY OF KEY WEST
ENGINEERING DEPARTMENT
1300 WHITE ST.
KEY WEST, FL 33040

PROJECT: HISTORIC SEAPORT
DECK FRAMING REPAIR

SITE: 231 MARGARET ST. KEY WEST, FL 33040		NOTES	
TITLE:			
SCALE AT 1 1/4" = 1'	DATE: 09/03/22	DRAWN: AH	CHECKED:
AS SHOWN			SAM
PROJECT NO: 2206-02	DRAWING NO: G-101	REVISION: 1	

THIS DRAWING IS NOT VALID WITHOUT THE
SIGNATURE AND ORIGINAL SEAL

Digitally signed by
Serge Mashtakov, PE
71480 State of
Florida

Date: 2022.09.05
15:03:11 -04'00'

DATE: _____



1
S102

PROPOSED
(1) 2X6 PT SP#1 (PRIME) JOISTS
W/ (2) MT5125S TO WOOD BEAM OR
WOOD RAILING (SEE TYPICAL DETAIL)
FOR 2X8 PT SP#1 IF NEEDED
TO ADJUST DECKING

PROPOSED
(2) 2X8 PT SP#1 (PRIME) EDGE JOIST
W/ (2) MT5125S TO WOOD BEAM OR
WOOD RAILING (SEE TYPICAL DETAIL)
FOR 2X8 PT SP#1 IF NEEDED
TO ADJUST DECKING

PROPOSED 8X8 PT SP#1 (PRIME)
WOOD BEAM X 3145S BOLTS
W/ (2) WELDED STEEL BRACKETS
SEE CONNECTION DETAIL

(2) 2X6 PT SP#1 (PRIME) WOOD LEDGER
W/ (2) 1" DIA. 8" LONG 316SS ANCHORS
SIMPSON SETXP ADHESIVE
(USE (2) 2X8 IF POSSIBLE)

EXISTING DECK
FRAMING TO REMAIN

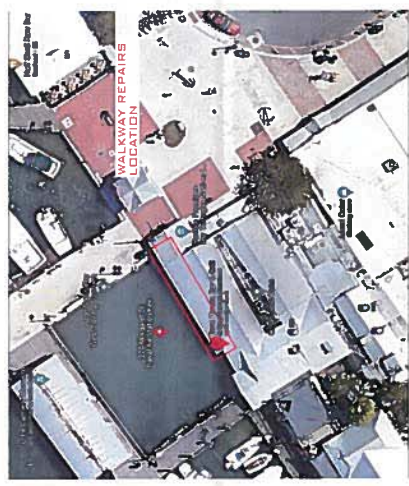
EXISTING 6X6 PT WOOD POST
W/ (2) 1" DIA. 8" LONG 316SS ANCHORS
WOOD RAILING IS NOT SHOWN
SEE TYPICAL DETAIL

EXISTING WOOD
BOARD TO REMAIN
NEW PT SP#1 PRIME 6X6 WOOD RAILING
POSTS (SEE TYPICAL DETAIL)

NOTE: ALL ELECTRICAL AND LOW VOLTAGE EQUIPMENT TO BE
PROTECTED FOR THE DURATION OF THE REPAIRS AND ALL
RE-INSTALLED TO NEW FRAMING. THE CONTRACTOR AND ALL
TRADE SUBCONTRACTORS SHALL INSPECT JOB SITE PRIOR
BIDDING THE PROJECT AND EVALUATE FIELD CONDITIONS.

PROPOSED FRAMING PLAN

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



SITE MAP
SCALE: NTS

REV	DESCRIPTION	BY	DATE
001	FINAL		

ARTIBUS DESIGN
ENGINEERING AND PLANNING

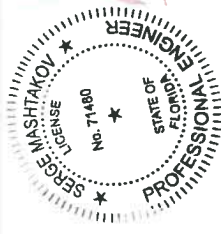
ARTIBUS DESIGN
3710 N. ROOSEVELT BLVD
KEY WEST, FL 33040
PH: 305.236.1234
WWW.ARTIBUSDESIGN.COM
CA # 30535

CLIENT: CITY OF KEY WEST
ENGINEERING DEPARTMENT
PROJECT: HISTORIC SEAPORT
DECK FRAMING REPAIRS

REV	231 MARGARET ST. KEY WEST, FL 33040
TITLE	PROPOSED FRAMING PLAN
SITE MAP	AS SHOWN
SCALE	DATE: 09/05/22
BY	AM
CHECKED	BAH
DATE	2206-02
REVISION	1

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SIGNATURE AND ORIGINAL SEAL

Digitally signed by
Serge Mashtakov, PE
71480 State of Florida
Date: 2022.09.05
15:03:24 -04'00'



SIGNATURE:
SERGE MASHTAKOV
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO 71480

(4) 5/8" DIA. 316SS BOLTS
(REUSED)
W/ NYLON LOCK NUTS
AND WASHERS
EPOXY COATED AND
CONCEALED

(IF DAMAGED DURING DEMO)
REPLACE W/ WOOD POST
REPLACE BOTTOM OF WOOD POST
W/ (2) 1/2" DIA. 316SS BOLTS
WOOD RAILING IS NOT SHOWN
SEE TYPICAL DETAIL

PROPOSED 2X6 PT SP#1 (PRIME)
JOISTS @ 16" MAX
W/ (2) MTS1255 TO WOOD BEAM OR
(2) H2.5ASS (5)SS80 SST NAILS
(OR 2X8 PT SP#1 IF NEEDED
TO ADJUST DECKING)

CUSTOM MANUFACTURED
3'X5'X5' 1/4" ANGLE BRACKET
316SS W/ (2) 1/2" DIA. 316SS
BOLTS AS SHOWN (TO EACH
GUARDRAIL POST)

CUSTOM MANUFACTURED
1/2"X2" PLATE BRACKET
316SS W/ 1/4" DIA. 316SS ALL
THREADS TO EACH BEAM
(2) 1" DIA. 4" 316SS LAG SCREWS
THROUGH TOP

PROPOSED
(2) 2X8 PT SP#1 PRIME EDGE JOIST
W/ (2) MTS1255 TO WOOD BEAM OR
(2) H2.5ASS (5)SS80 SST NAILS
(OR 2X8 PT SP#1 IF NEEDED
TO ADJUST DECKING)

PROPOSED FIBERGLASS
UTILITY TRAY
SYSTEM NUMBER 12-7625-0010-12
ACCORDING TO LEGRAND CATALOG

EXISTING CONDUITS TO REMAIN,
DEMO BROKEN AND ABANDONED
316SS UNIRACK SECTION
@ EACH SUPPORT

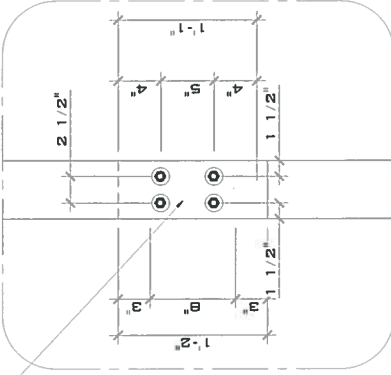
12'X4'X1/4" STAINLESS STEEL BASE PLATE,
W/ (2) 5/8" DIA. 316SS
ALL THREAD ANCHORS
W/ NYLON LOCKING NUTS ON TOP,
EPOXY DOWEL 8" EMBEDMENT,
SIMPSON SET-XP ADHESIVE,
± (1-2) NS GROUT (6000 PSI)
TO ADJUST SURFACE OF BASEMENT

PROPOSED
(1) 2X6 PT SP#1 EDGE JOISTS
W/ (2) MTS1255 TO WOOD BEAM OR
(2) H2.5ASS (5)SS80 SST NAILS
(OR 2X8 PT SP#1 IF NEEDED
TO ADJUST DECKING)

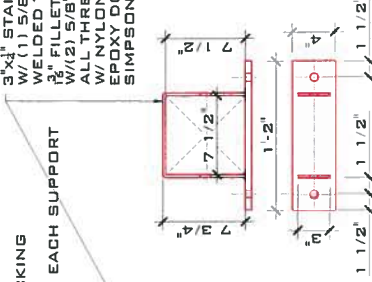
PROPOSED 8X8 PT SP#1
WOOD BEAM
W/ (2) 5/8" DIA. 316SS BOLTS
TO (2) WELDED STEEL BASES
SEE CONNECTION DETAIL

EXISTING PIPE TO REMAIN,
W/ 5/8" DIA. 316SS
ALL THREAD ANCHOR
W/ NYLON LOCKING NUTS AND
WASHER ON TOP, AT EACH SUPPORT

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



REUSE EXISTING IPE DECKING
OR MATCH EXISTING
W/ (2) #3 SST SCREWS EACH SUPPORT



CONNECTION
DETAIL

1 1/2" 6000 PSI
NON-SHRINK GROUT
OVER CLEANED BASE

Digitally signed
by Serge
Mashtakov, PE
71480 State of
Florida
Date: 2022.09.05
15:03:36 -04'00'

THE DRAWING IS NOT VALID WITHOUT THE
SIGNATURE AND ORIGINAL SEAL

STATE OF FLORIDA
PROFESSIONAL ENGINEER
No. 71480
Serge Mashtakov

DATE: _____
Serge Mashtakov
PROFESSIONAL ENGINEER
LICENSE NO. 71480

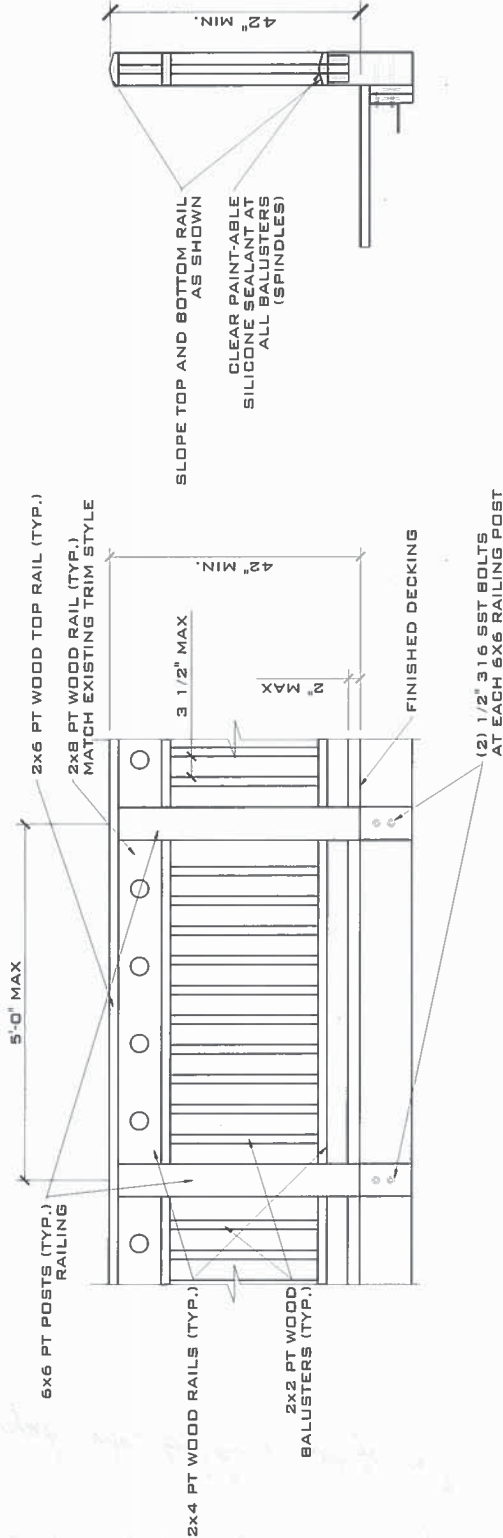
REV	DESCRIPTION	BY	DATE
FINAL			

ARTIBUS DESIGN ENGINEERING AND PLANNING
ARTIBUS DESIGN 3710 N. ROOSEVELT BLVD KEY WEST, FL 33040 (305) 304-3512 WWW.ARTIBUSDESIGN.COM CA # 30835

CLIENT CITY OF KEY WEST ENGINEERING DEPARTMENT 1200 WHITE ST. KEY WEST, FL 33040
PROJECT HISTORIC SEAPORT OPEN FANNING REPAIRS

SITE 231 MARGARET ST. KEY WEST, FL 33040
TITLE SECTION 1-1 DETAILS

SCALE: 1/4" = 1'-0"	DATE: 09/05/22	CHECKED: AH
AS SHOWN	DRAWN: AH	REVIEWED: 1
PROJECT NO: 2206-02	DRAWING NO: S-102	



- MINIMUM FASTENERS REQUIREMENTS:
- 1. TOP RAIL TO POSTS - (4) #10x3" SST DECK SCREWS EACH POST;
 - 2. HORIZONTAL RAILS - (4) #10x3" SST DECK SCREWS EACH SIDE;
 - 3. VERTICAL BALUSTERS - (1) #9x2.5" SST DECK SCREWS EACH END;

TYPICAL WOOD RAILING
SCALE: NTS

SECTION

REV	DESCRIPTION	BY	DATE
	STATUS FINAL		

ARTIBUS DESIGN
ENGINEERING AND PLANNING

ARTIBUS DESIGN
3710 N. ROOSEVELT BLVD
KEY WEST, FL 33040
(305) 858-3352
WWW.ARTIBUSDESIGN.COM
CA # 30835

CLIENT: CITY OF KEY WEST
ENGINEERING DEPARTMENT
3710 N. ROOSEVELT BLVD
KEY WEST, FL 33040
PROJECT: HISTORIC SEAPORT
DECK FRAMING REPAIRS

SITE	231 MARGARET ST. KEY WEST, FL 33040
TITLE	TYPICAL WOOD RAILING
SCALE AT 1/4"=1'-0"	DATE: 09/03/22 AS B'DRWN: AH PROJECT NO: 2206-02 DRAWING NO: S-103 CHECKED: SAM REVISION: 1

THIS DRAWING IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL SEAL

Digitally signed by
Serge Mashtakov, PE
71480 State of Florida
Date: 2022.09.05
15:03:47 -04'00'

SIGNATURE: SERGE MASHTAKOV
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO 71480



DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

DA PERMIT NUMBER: SAJ-2023-01683(GP-MCA)

When the structures or work authorized 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. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Section, Post Office Box 4970, Jacksonville, FL 32232-0019 or submit via electronic mail to: SAJ-RD-Enforcement@usace.army.mil (not to exceed 15 MB).

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)

COMMENCEMENT NOTIFICATION

*Within ten (10) days of initiating the authorized work, submit this form via electronic mail to saj-rd-enforcement@usace.army.mil (preferred, not to exceed 15 MB) **or** by standard mail to U.S. Army Corps of Engineers, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232-0019.*

1. **Department of the Army Permit Number:**SAJ-2023-01683(GP-MCA)

2. **Permittee Information:**

Name: _____

Email: _____

Address: _____

Phone: _____

3. **Construction Start Date:** _____

4. **Contact to Schedule Inspection:**

Name: _____

Email: _____

Phone: _____

Signature of Permittee

Printed Name of Permittee

Date

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: SAJ-2023-01683(GP-MCA)

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

**PROPERTY IS INACCESSIBLE WITHOUT PRIOR NOTIFICATION: YES ___ NO ___
PLEASE CONTACT _____ AT _____
TO SCHEDULE AN INSPECTION**

Description of the Work (e.g. bank stabilization, residential or commercial filling, docks, dredging, etc.):

Acreage or Square Feet of Impacts to Waters of the United States: _____

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations):

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date

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 shut down 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:

888-404-FWCC (3922)

cell *FWC or #FWC