### DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT CORPS OF ENGINEERS

REPLY TO ATTENTION OF

9900 SOUTHWEST 107<sup>TH</sup> AVENUE, SUITE 203 MIAMI, FLORIDA 33176

**December 21, 2016** 

Regulatory Division South Permits Branch Miami Permits Section

#### Permit Application Number SAJ-1999-05418 (LP-JMH)

TO WHOM IT MAY CONCERN: This district has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. §403) as described below:

#### **APPLICANT**:

City of Key West c/o James Scholl, City Manager 525 Angela Street Key West, Florida 33040

<u>WATERWAY AND LOCATION</u>: The project would affect waters of the United States associated with the Gulf of Mexico. The project is located at Dolphin Pier, 1801 N. Roosevelt Boulevard; legally described as 33 67 25 KW Garrison Bight G30-330-332, in Section 32, Township 67 South, Range 25 East, Key West, Monroe County, Florida. RE# 00072070-000000

Directions to the site are as follows: Take U.S. 1 South to MM 4; Turn right onto North Roosevelt Boulevard; Turn right onto Garrison Bight Causeway (Palm Avenue); Turn right into City Marina. Project located at 1801 Roosevelt Boulevard / Dolphin Pier.

#### APPROXIMATE CENTRAL COORDINATES:

Latitude 24.561152° Longitude -81.785048°

<u>PROPOSED WORK</u>: The applicant seeks authorization to remove an existing T-shaped dock and mooring piles, to install a new 10 foot wide by 168 foot long (1,680 square foot) floating dock with 8 associated pilings and an aluminum gangway, to install eight 4 foot wide by 35 foot long (140 square foot) floating finger piers with a total of 8 associated pilings, to install 14 mooring pilings, and to install temporary floating turbidity barriers around all work areas that are in/over U.S. navigable waters.

<u>Avoidance and Minimization Information</u>: The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment: The majority of work will be within the existing footprint of pier. The dock is

designed to float minimizing impacts to the benthic community. Turbidity curtains will be deployed to isolate the construction site from ambient waters.

<u>Compensatory Mitigation</u>: The applicant has offered the following compensatory mitigation plan to offset unavoidable functional loss to the aquatic environment: The proposed project is located within the existing pier footprint. It is assumed that the reinstallation of the floating dock will have a de minimus impact to the project site, the wildlife and the area surrounding. The replacement has been designed to minimize and avoid environmental impacts using best practices thus impacts anticipated are minimal.

#### **ENDANGERED SPECIES:**

The U.S. Army Corps of Engineers (Corps) has determined the project may affect, but is not likely to adversely affect the West Indian manatee (*Trichechus manatus*) or its designated critical habitat. Use of the Key resulted in the sequence A-B-C-G-N-O-P3 *may affect, not likely to adversely affect.* This determination partially was based on the implementation of the *Standard Manatee Conditions for In-Water Work.* The Corps has concurrence with this determination pursuant to the Effect Determination Key for the manatee dated April 2013.

In addition, the project is located within American crocodile (*Crocodylus acutus*) consultation area. According to the 28 October 2014 American Crocodile Key, the property does not support suitable nesting habitat for the crocodile as the shoreline is armored. Use of the Key resulted in the sequence #2 *may affect, not likely to adversely affect.* Therefore, the Corps has reached a "may affect not likely to adversely affect" determination on the American crocodile and its suitable nesting habitat.

The real estate parcel number is 00072070-000000 and **is** on the U.S. Fish and Wildlife Service Suitable Habitat List, dated August 2010, for Monroe County for the following species: Eastern Indigo Snake (*Drymarchon corais couperi*).

The subject parcel is listed on the FWS 2011 Suitable Habitat List for the Eastern Indigo snake (*Drymarchon corais couperi*). Since critical habitat has not been designated for the indigo snake, potential impacts to *D. c. couperi* were evaluated using the Eastern Indigo Snake Programmatic Effect Determination Key dated January 25, 2010 with Addendum dated August 13, 2013, (Snake Key). Due the project being located solely in/over open water, use of the Snake Key resulted in the following sequential determination: A >, "no effect."

The Corps has determined the proposed project may affect, but is not likely to adversely affect ("MANLAA") the swimming green sea turtles (Chelonia mydas), loggerhead sea turtles (Caretta caretta), hawksbill sea turtles (Eretmochelys imbricata), Kemp's ridley sea turtles (Lepidochelys kempii), leatherback sea turtles (Dermochelys coriacea), and the smalltooth sawfish (Pristis pectinata) species. A no effect determination was reached on Acorpora sp. and its designated critical habitat and corals species; (Dendrogyra cylindrus, Orbicella annularis, Orbicella faveolata, Orbicella franksi,

Mycetophyllia ferox), loggerhead sea turtle and smalltooth sawfish critical habitat. The Corps will request National Marine Fisheries Service concurrence with this determination pursuant to Section 7 of the Endangered Species Act.

ESSENTIAL FISH HABITAT (EFH): This notice initiates consultation with the National Marine Fisheries Service on EFH as required by the Magnuson-Stevens Fishery Conservation and Management Act 1996. The proposal would impact approximately 1,120 square feet of submerged bottom utilized by various life stages of marine life. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or Federally managed fisheries in the Florida Keys. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

IMPACT ON CULTURAL RESOURCES: The Corps has determined the activity within the permit area is of such limited scope there is little likelihood of impact upon a historic property; therefore, the proposed project would have "No Potential to Cause Effect".

The project is being evaluated for possible issuance pursuant to a letter of permission. COMMENTS regarding the potential authorization of the work proposed should be submitted in writing to the attention of the District Engineer through the Miami Permits Section, 9900 Southwest 107th Avenue, Suite 203, Miami, Florida 33176 within 15 days from the date of this notice (i.e., on or before January 5, 2017).

If you have any questions concerning this application, you may contact Jessica Hogan at the letterhead address, by electronic mail at Jessica.M.Hogan@usace.army.mil, or by telephone at 305-779-6052.

The decision whether to issue or deny this permit application will be based on the information received from this coordination and the evaluation of the probable impact to the associated wetlands. This is based on an analysis of the applicant's avoidance and minimization efforts for the project, as well as any compensatory mitigation proposed.

Digitally signed by
HOGANJESSICA.M.1513506631
DN: c=US, o=U.S. Government,
ou=DoD, ou=PKI, ou=USA,
cn=HOGANJESSICA.M.1513506631
Date: 2016.12.21 14.45.17 051651

Jessica Hogan Project Manager

# DOLPHIN PIER DOCK REPLACEMENT CITY OF KEY WEST

MONROE COUNTY, FLORIDA STANTEC PROJECT NO. 215613443

SECTION: 32 TOWNSHIP: 67S RANGE: 25E

LONGITUDE: 81'47'04" LATITUDE: 24'33'83"





DEMOLITION / RELOCATION PLAN

**GEOMETRY PLAN** 

C02 C03 C04 C06 C06 C07 C08

**EXISTING CONDITIONS PLAN EXISTING CONDITIONS PLAN OVERALL AERIAL PLAN** 

SHEET DESCRIPTION

SHEET NO.

INDEX OF SHEETS

DOCK / RAMP CROSS SECTIONS

UTILITY PLANS DOCK DETAIL

LOCATION MAP Scale: N.T.S.



901 Ponce de Leon Blvd. Suite 900 Coral Gables, Florida, 33134 Flet. 305–445–2900 Flox, 305–445–3344 www.stantec.com Stantec

# MAYOR & COUNCIL:

Margaret Romero, Commissioner Samuel Kaufman, Commissioner Jimmy Weekley, Commissioner Richard Payne, Commissioner Clayton Lopez, Commissioner Billy Wardlow, Commissioner Craig Cates, Mayor

City Manager: James Scholl

## NOVEMBER, 2016 PERMIT SET

APPROVED BY

REGISTERED ENGINEER NO. 47660 STATE OF FLORIDA CARLOS M. HERDOCIA

**************************************	PERMIT			
	APPROVAL DATE			
	SUBMITTAL DATE			
	AGENCY			



NOTE: WATER ELEVATION DATA WAS OBTAINED FROM THE LAND BOUNDARY INFORMATION SYSTEM WEBSITE (LABINS,ORC) AND IS REFERENCED TO THEO INTERPOLATION POINT \$4250.0 MEAN HIGH WATER EL. = 0.44 NOVD29 MEAN LOW WATER EL. = -0.09' NOVD29.

SITE SURVEY INFORMATION FROM: FLORIDA SERVEZORS 19960 OVERSEAS HIGHMAY SUGARLOAF KEY, EL 33042 FILD WORK DATE: 8716/16 THRU 9/14/16 SIGNED AND SEALED 81: ERIC ISAACS LS. 7847 OCTOBER 15, 2016

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CARLOS M. HERDOCIA, P.E. REGISTERED ENGINEER NO. 47660 STATE OF FLORIDA

Stantec

CITY OF KEY WEST
DOLPHIN PIER DOCK REPLACEMENT
Key West, Florida

 RM
 CMH
 CMH
 16.10.08

 Dwn.
 Chid.
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SEE PLANS
Revision OVERALL PLAN
Project No. Scale
215613443 Drawing No.













