

# CITY OF KEY WEST TARPON PIER - FINGER PIER MODIFICATIONS CITY MARINA AT GARRISON BIGHT , ITB# 00-000

MONROE COUNTY, FLORIDA  
STANTEC PROJECT NO. 215615888

SECTION : 32  
TOWNSHIP: 67S  
RANGE: 25E  
LATITUDE: 24°33'36"  
LONGITUDE: 81°47'01"

## INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
C-01	COVER
C-02	OVERALL PLAN
C-03	#####
C-04	#####
C-05	#####
C-06	CROSS SECTIONS



**LOCATION MAP**  
Scale: N.T.S.



**MAYOR & COMMISSION:**

Teri Johnston, Mayor  
Jimmy Weekley, Commissioner  
Samuel Kaufman, Commissioner  
Billy Wardlow, Commissioner  
Gregory Davila, Commissioner  
Mary Lou Hoover, Commissioner  
Clayton Lopez, Commissioner  
City Manager: Greg Veliz

**PERMIT SET**  
**SEPTEMBER 2020**

*****APPROVALS*****			
AGENCY	SUBMITTAL DATE	APPROVAL DATE	PERMIT NUMBER



901 Ponce de Leon Blvd, Suite 900  
Coral Gables, Florida, 33134  
Tel. 305-445-2900  
Fax. 305-445-3344  
www.stantec.com

APPROVED BY

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



NOTE: WATER ELEVATION DATA WAS OBTAINED FROM THE LAND BOUNDARY INFORMATION SYSTEM WEBSITE (LABINS.ORG) AND IS REFERENCED TO TIED INTERPOLATION POINT #3262.  
 MEAN HIGH WATER EL. = 0.94' NGVD29  
 MEAN LOW WATER EL. = -0.09' NGVD29.

X:\2020\2020-001\2020-001\Drawings\2101010001\_Overall\_Aerial\_Plan.dwg  
 2020/09/02 10:27 AM By: [unreadable]

Revision	By	Appr.	YY/MM/DD	Issued	By	Appr.	YY/MM/DD

Seal

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

Consultants

901 Ponce de Leon Blvd, Suite 900  
 Coral Gables, Florida 33134  
 www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Contractor shall retain and preserve all original drawings and files. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

CITY OF KEY WEST  
 DOLPHIN PIER EXTENSION  
 KEY WEST, FLORIDA

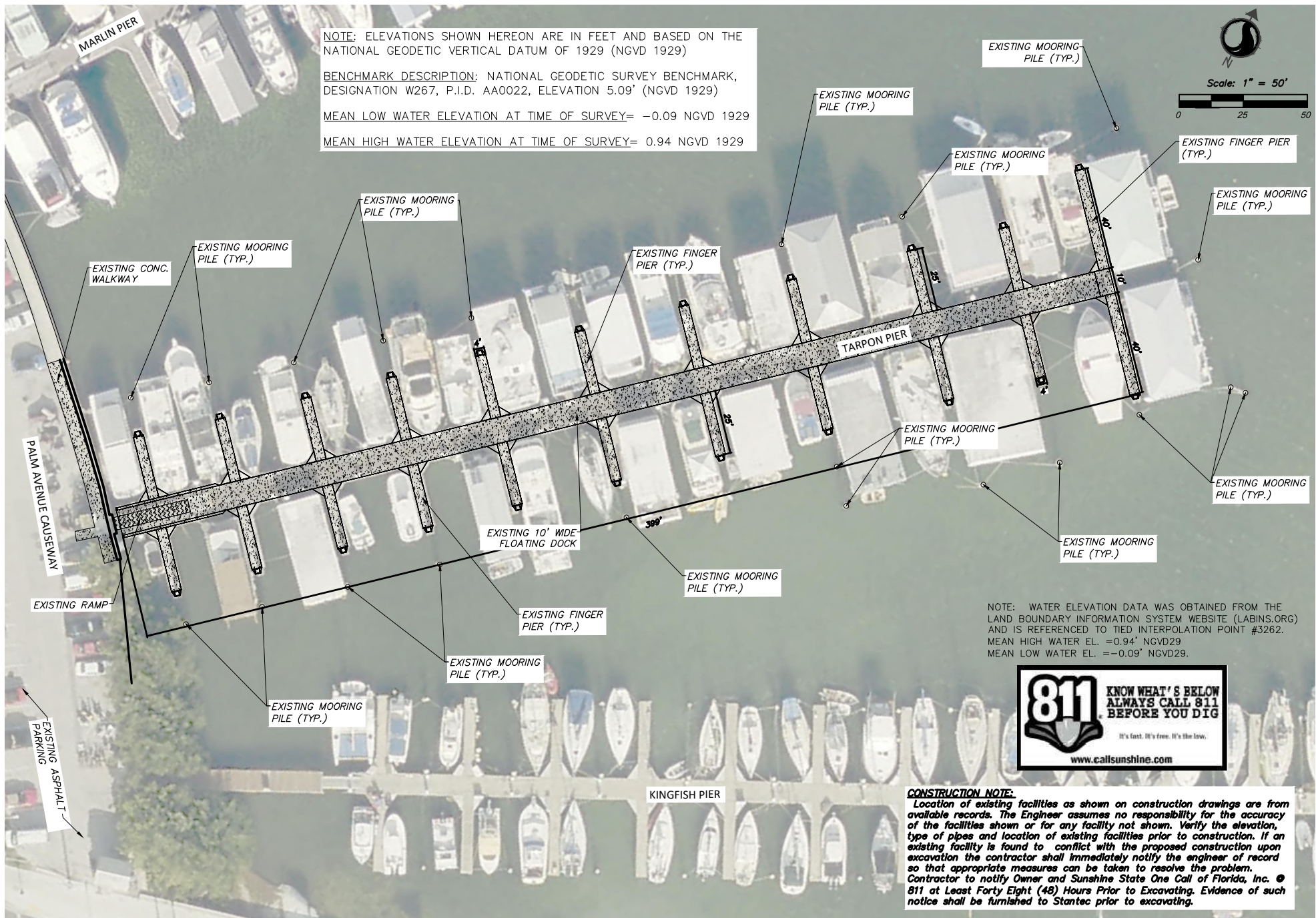
File Name: MS CH CH 20.09.05  
 Dwn. Chk'd. Dgn. YY/MM/DD

OVERALL PLAN

Project No. 215615888	Scale
Drawing No.	Sheet
Revision	

C-02 of 5





NOTE: ELEVATIONS SHOWN HEREON ARE IN FEET AND BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929)

BENCHMARK DESCRIPTION: NATIONAL GEODETIC SURVEY BENCHMARK, DESIGNATION W267, P.I.D. AA0022, ELEVATION 5.09' (NGVD 1929)

MEAN LOW WATER ELEVATION AT TIME OF SURVEY= -0.09 NGVD 1929

MEAN HIGH WATER ELEVATION AT TIME OF SURVEY= 0.94 NGVD 1929

EXISTING MOORING PILE (TYP.)

EXISTING MOORING PILE (TYP.)

EXISTING MOORING PILE (TYP.)

EXISTING FINGER PIER (TYP.)

EXISTING MOORING PILE (TYP.)

EXISTING MOORING PILE (TYP.)

EXISTING FINGER PIER (TYP.)

EXISTING CONC. WALKWAY

TARPON PIER

EXISTING MOORING PILE (TYP.)

EXISTING MOORING PILE (TYP.)

PALM AVENUE CAUSEWAY

EXISTING 10' WIDE FLOATING DOCK

EXISTING MOORING PILE (TYP.)

EXISTING MOORING PILE (TYP.)

EXISTING RAMP

EXISTING FINGER PIER (TYP.)

EXISTING MOORING PILE (TYP.)

NOTE: WATER ELEVATION DATA WAS OBTAINED FROM THE LAND BOUNDARY INFORMATION SYSTEM WEBSITE (LABINS.ORG) AND IS REFERENCED TO TIED INTERPOLATION POINT #3262.  
 MEAN HIGH WATER EL. = -0.94' NGVD29  
 MEAN LOW WATER EL. = -0.09' NGVD29.

EXISTING MOORING PILE (TYP.)

KINGFISH PIER

**CONSTRUCTION NOTE:**  
 Location of existing facilities as shown on construction drawings are from available records. The Engineer assumes no responsibility for the accuracy of the facilities shown or for any facility not shown. Verify the elevation, type of pipes and location of existing facilities prior to construction. If an existing facility is found to conflict with the proposed construction upon excavation the contractor shall immediately notify the engineer of record so that appropriate measures can be taken to resolve the problem. Contractor to notify Owner and Sunshine State One Call of Florida, Inc. @ 811 at Least Forty Eight (48) Hours Prior to Excavating. Evidence of such notice shall be furnished to Stantec prior to excavating.

2023/05/02 09:52 AM P:\Projects\2023\230502\_01\230502\_01.dwg CIVIL SITE PLAN.dwg  
 User: stantec\jmoran  
 Plot Date: 2023/05/02 09:52 AM P:\Projects\2023\230502\_01\230502\_01.dwg CIVIL SITE PLAN.dwg  
 User: stantec\jmoran

Revision	By	Appr.	Y1/M1/D1	Issued	By	Appr.	Y1/M1/D1

Seal

Consultants

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

901 Ponce de Leon Blvd, Suite 900  
 Coral Gables, Florida 33134  
 www.stantec.com

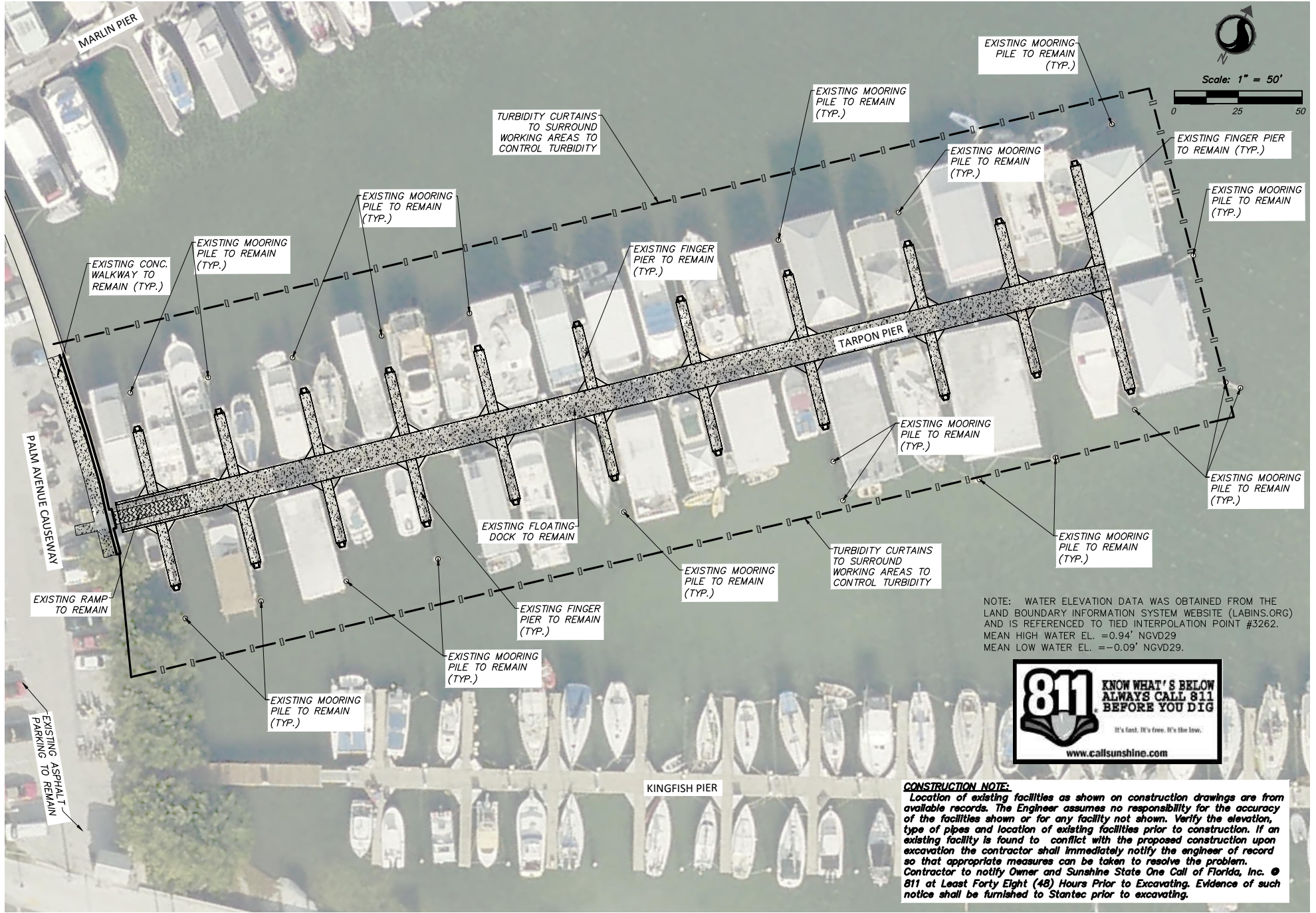
The Contractor shall verify and be responsible for all dimensions. DO NOT call the drawing or any errors or omissions shall be reported to Stantec without delay.  
 The Copyright in all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

CITY OF KEY WEST  
 DOLPHIN PIER EXTENSION  
 KEY WEST, FLORIDA

File Name: \_\_\_\_\_ MS CH CH 20.09.05  
 Dwn. Cld. Deg. Y1/M1/D1

DEMOLITION PLAN	
Project No. 215615888	Scale
Drawing No. _____	Sheet _____
Revision	
C-04	of 5





NOTE: WATER ELEVATION DATA WAS OBTAINED FROM THE LAND BOUNDARY INFORMATION SYSTEM WEBSITE (LABINS.ORG) AND IS REFERENCED TO TIED INTERPOLATION POINT #3262.  
 MEAN HIGH WATER EL. = -0.94' NGVD29  
 MEAN LOW WATER EL. = -0.09' NGVD29.

**CONSTRUCTION NOTE:**  
 Location of existing facilities as shown on construction drawings are from available records. The Engineer assumes no responsibility for the accuracy of the facilities shown or for any facility not shown. Verify the elevation, type of pipes and location of existing facilities prior to construction. If an existing facility is found to conflict with the proposed construction upon excavation the contractor shall immediately notify the engineer of record so that appropriate measures can be taken to resolve the problem. Contractor to notify Owner and Sunshine State One Call of Florida, Inc. @ 811 at Least Forty Eight (48) Hours Prior to Excavating. Evidence of such notice shall be furnished to Stantec prior to excavating.

DATE PLOTTED: 11/11/2024 10:58 AM USERNAME: jason.mccoy DATE PLANNED: 11/11/2024 10:58 AM

Revision	By	Appr.	YY/MM/DD

ISSUED	By	Appr.	YY/MM/DD

Seal

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

Consultants

901 Ponce de Leon Blvd, Suite 900  
 Coral Gables, Florida 33134  
 www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.  
 The Copyright in all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

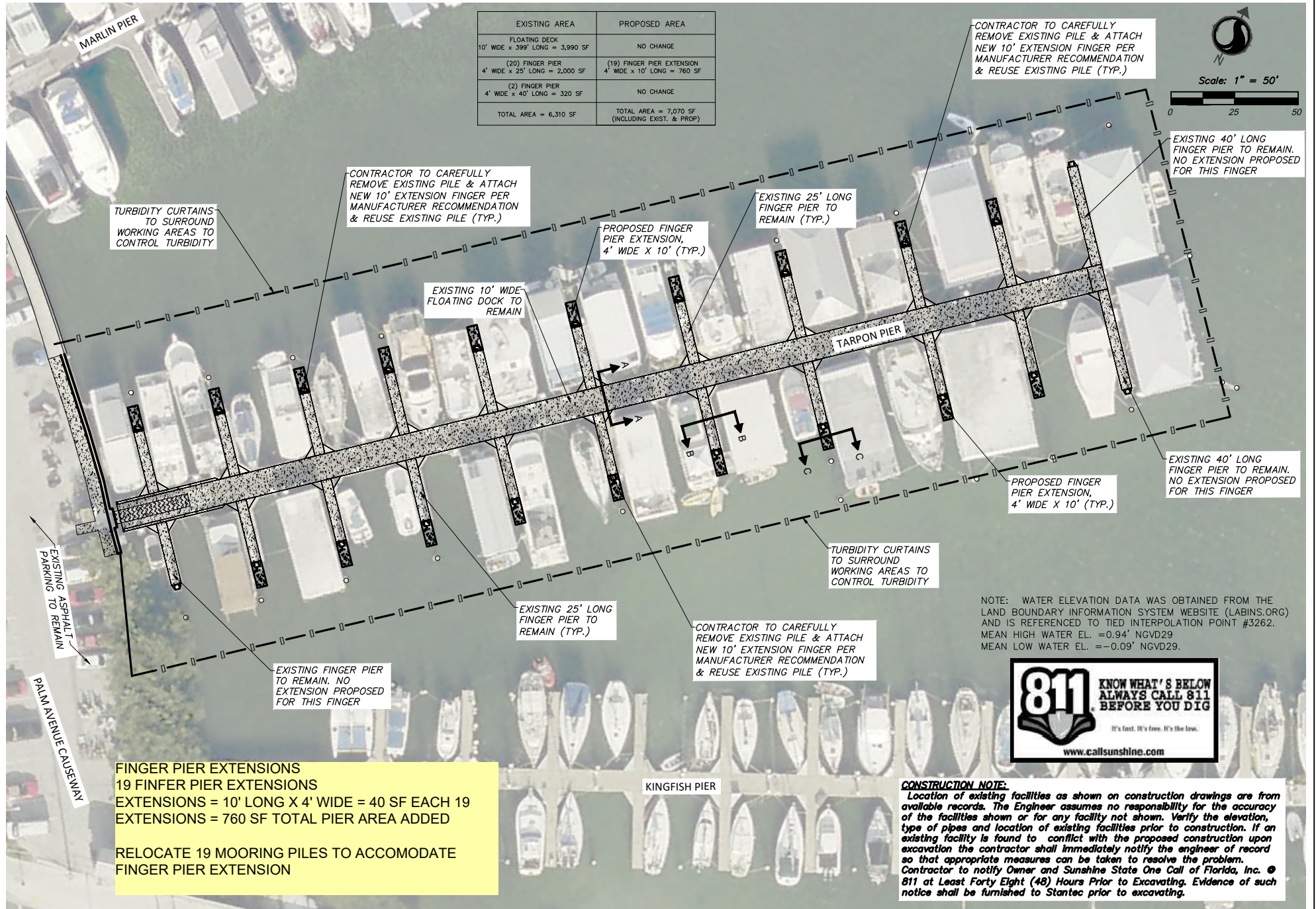
CITY OF KEY WEST  
 DOLPHIN PIER EXTENSION  
 KEY WEST, FLORIDA

File Name: MS CH CH 20.09.05  
 Dem. CHS. Deg. YY/MM/DD

**DEMOLITION PLAN**

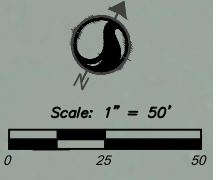
Project No. 215615888	Scale
Drawing No. C-04	Sheet of 5
	Revision





EXISTING AREA	PROPOSED AREA
FLOATING DECK 10' WIDE x 399' LONG = 3,990 SF	NO CHANGE
(20) FINGER PIER 4' WIDE x 25' LONG = 2,000 SF	(19) FINGER PIER EXTENSION 4' WIDE x 10' LONG = 760 SF
(2) FINGER PIER 4' WIDE x 40' LONG = 320 SF	NO CHANGE
TOTAL AREA = 6,310 SF	TOTAL AREA = 7,070 SF (INCLUDING EXIST. & PROP.)

CONTRACTOR TO CAREFULLY REMOVE EXISTING PILE & ATTACH NEW 10' EXTENSION FINGER PER MANUFACTURER RECOMMENDATION & REUSE EXISTING PILE (TYP.)



EXISTING 40' LONG FINGER PIER TO REMAIN. NO EXTENSION PROPOSED FOR THIS FINGER

CONTRACTOR TO CAREFULLY REMOVE EXISTING PILE & ATTACH NEW 10' EXTENSION FINGER PER MANUFACTURER RECOMMENDATION & REUSE EXISTING PILE (TYP.)

PROPOSED FINGER PIER EXTENSION, 4' WIDE X 10' (TYP.)

EXISTING 25' LONG FINGER PIER TO REMAIN (TYP.)

TURBIDITY CURTAINS TO SURROUND WORKING AREAS TO CONTROL TURBIDITY

EXISTING 10' WIDE FLOATING DOCK TO REMAIN

TARPON PIER

EXISTING 40' LONG FINGER PIER TO REMAIN. NO EXTENSION PROPOSED FOR THIS FINGER

PROPOSED FINGER PIER EXTENSION, 4' WIDE X 10' (TYP.)

TURBIDITY CURTAINS TO SURROUND WORKING AREAS TO CONTROL TURBIDITY

EXISTING 25' LONG FINGER PIER TO REMAIN (TYP.)

CONTRACTOR TO CAREFULLY REMOVE EXISTING PILE & ATTACH NEW 10' EXTENSION FINGER PER MANUFACTURER RECOMMENDATION & REUSE EXISTING PILE (TYP.)

NOTE: WATER ELEVATION DATA WAS OBTAINED FROM THE LAND BOUNDARY INFORMATION SYSTEM WEBSITE (LABINS.ORG) AND IS REFERENCED TO TIED INTERPOLATION POINT #3262.  
MEAN HIGH WATER EL. = -0.94' NGVD29  
MEAN LOW WATER EL. = -0.09' NGVD29.



**FINGER PIER EXTENSIONS**  
**19 FINFER PIER EXTENSIONS**  
 EXTENSIONS = 10' LONG X 4' WIDE = 40 SF EACH  
 EXTENSIONS = 760 SF TOTAL PIER AREA ADDED

**RELOCATE 19 MOORING PILES TO ACCOMODATE FINGER PIER EXTENSION**

**CONSTRUCTION NOTE:**  
 Location of existing facilities as shown on construction drawings are from available records. The Engineer assumes no responsibility for the accuracy of the facilities shown or for any facility not shown. Verify the elevation, type of pipes and location of existing facilities prior to construction. If an existing facility is found to conflict with the proposed construction upon excavation the contractor shall immediately notify the engineer of record so that appropriate measures can be taken to resolve the problem. Contractor to notify Owner and Sunshine State One Call of Florida, Inc. @ 811 at Least Forty Eight (48) Hours Prior to Excavating. Evidence of such notice shall be furnished to Stantec prior to excavating.

2020/07/02 10:27 AM P:\Projects\811\811-2020\811-2020.dwg CARLOS M. HEREDIA, P.E.

Revision	By	Appr.	Y/M/D	Issued	By	Appr.	Y/M/D

Seal

Consultants

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

901 Ponce de Leon Blvd, Suite 900  
 Coral Gables, Florida 33134  
 www.stantec.com

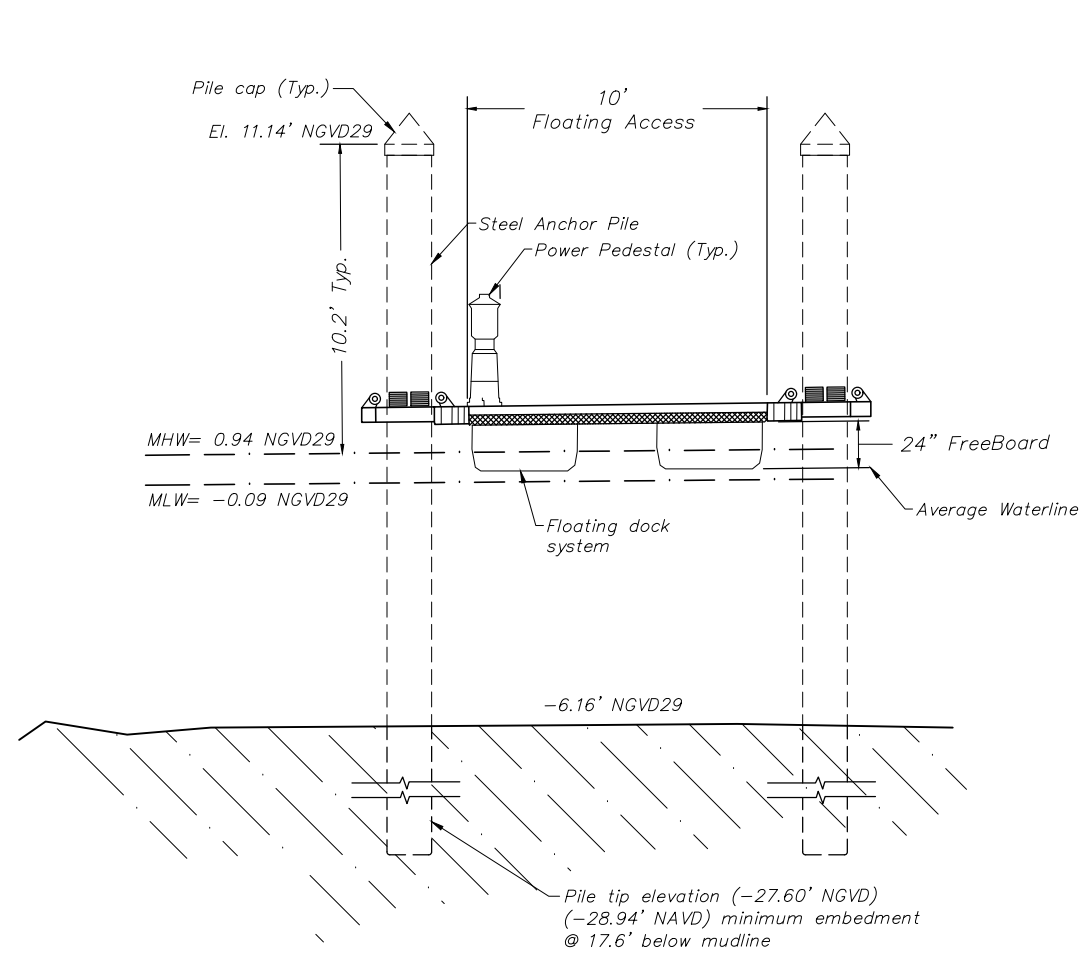
The Contractor shall verify and be responsible for all dimensions. DO NOT call the drawing or views or omissions shall be reported to Stantec without delay.  
 The copyright in all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

CITY OF KEY WEST  
 DOLPHIN PIER EXTENSION  
 KEY WEST, FLORIDA

File Name: MS CH CH 20.09.05  
 Dwn. Chk'd. Dgn. Y/M/D

**CONSTRUCTION PLAN**

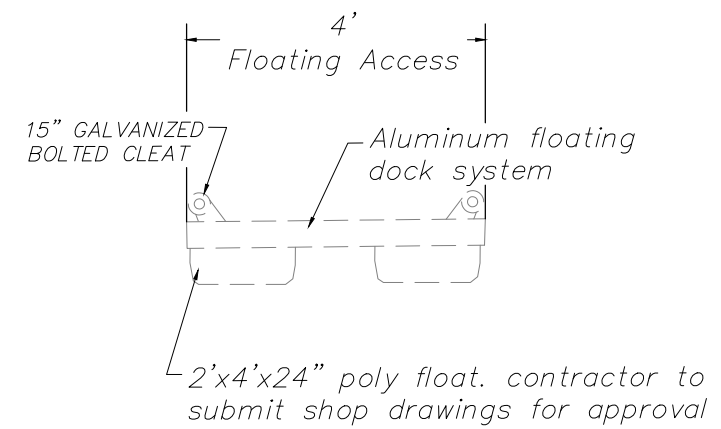
Project No. 215615888	Scale
Drawing No.	Sheet
C-05	of 5



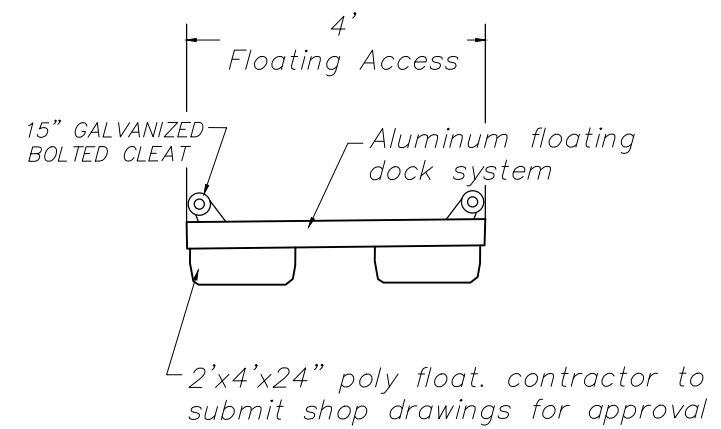
NOTE: WATER ELEVATION DATA WAS OBTAINED FROM THE LAND BOUNDARY INFORMATION SYSTEM WEBSITE (LABINS.ORG) AND IS REFERENCED TO TIED INTERPOLATION POINT #3262.  
 MEAN HIGH WATER EL. = 0.94' NGVD29  
 MEAN LOW WATER EL. = -0.09' NGVD29.

**EXISTING SECTION A-A/C-05**

N.T.S.



**SECTION B-B/C-05**



**SECTION C-C/C-05**

Y:\2156\active\215615888\civil\drawing\215615888 Detail Docks.dwg  
 2020/09/02 10:27 PM By: Soaweda, Moira

Revision	By	Appd.	YY.MM.DD

Issued	By	Appd.	YY.MM.DD

Seal

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

Consultants

901 Ponce de Leon Blvd, Suite 900  
 Coral Gables, Florida 33134  
 www.stantec.com

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.  
 The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

CITY OF KEY WEST  
 TARPON PIER EXTENSION  
 Key West, Florida

File Name: \_\_\_\_\_  
 RM Dwn. CMH Chkd. CMH Dsgn. 2017/04/20  
 YY.MM.DD

CROSS SECTIONS			
Project No.	Scale	NO SCALE	
215615888			
Drawing No.	Sheet	Revision	
C-06	of 27		