



GULF OF
MEXICO

SEA OAT
ISLAND

DANGER SHOAL

CAPRI
PASS

G¹*

G"11"

SSMW (WEST) / RNSO (EAST)

SSMW (WEST) / RNSO (EAST)

SSMW (WEST) / RNSO (EAST)

ANGER SUBMERGED ROCK

HIDEAWAY BEACH

SAND DC
ISLAM

DANGER TROOP

TIGERTAIL
LAGOON

1. MONITORING SURVEY OF HIDEAWAY BEACH, SAND DOLLAR ISLAND AND TIGERTAIL LAGOON CONDUCTED BY COASTAL ENGINEERING CONSULTANTS, INC. ON 7/8/2004 AND 7/9/2004.

2. MONITORING SURVEY OF CAPRI PASS CONDUCTED BY U.S. ARMY CORPS OF ENGINEERS ON 5/14/2004 (REFERENCE NAME NA_01_Big_2040514_CS_103_103_01_HF).

3. NAVIGATION AID LOCATED IN COASTAL ENGINEERING CONSULTANTS, INC. ON 7/16/2004.

4. AERIAL PHOTOGRAPHY OBTAINED FROM KUCERA INTERNATIONAL, DATED JULY 2004.

5. SURVEY ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003.

6. HYDROGRAPHIC SURVEY OF COASTAL ENGINEERING CONSULTANTS, INC. ON 7/16/2004.

7. INFORMATION SHOWN HEREON REFLECTS CONDITIONS AS THEY EXISTED ON THE SURVEY DATES AND CAN ONLY BE CONSIDERED INDICATIVE OF CONDITIONS AT THAT TIME.

8. ELEVATION DATA OBTAINED FROM THE SURVEY REFERRED TO IN THIS REPORT IS BASED ON THE NAVD83 DATUM (ELEVATION 0.00 = 1.00 METERS).

9. HORIZONTAL CONTROL IS BASED ON U.S. ARMY CORPS OF ENGINEERS 101-2-200000-1, JC 2004-01-01. SURVEY REFERRED TO IN THIS REPORT WAS CORRECTED TO NAVD83 BY APPLYING A 2.3-FOOT VERTICAL CORRECTION.

10. VERTICAL CONTROL IS BASED ON BENCHMARK H+8: N 594458.59S, E 412352.684, ELEV = 4.56 FEET NAVD83.

11. HORIZONTAL CONTROL IS BASED ON BENCHMARK H+8: N 594458.59S, E 412352.684, PLANE COORDINATES NAD 83, FLORIDA EAST ZONE.

12. TIDAL REDUCTIONS WERE OBTAINED USING REAL-TIME KINEMATIC GPS AND REFERENCED TO NAVD83.

TIDAL DATUMS AT MARCO, BIG MARCO RIVER
ARE BASED ON FLORIDA 872 4991
TIME PERIOD = JULY 1989 - JULY 1989
TIDAL EPOCH = 1983 - 2001
CONTROL TIDE STATION = NAPLES, GULF OF
MEXICO (872 5110)

ELEVATIONS OF TIDAL DATUMS ARE REFERENCED IN NAVD 1988.

MEAN HIGHER HIGH WATER (MHHW)	= +0.65 FT NAVD88
MEAN HIGH WATER (MHW)	= +0.43 FT NAVD88
MEAN LOW WATER (MLW)	= -1.62 FT NAVD88
MEAN LOWER LOW WATER (MLLW)	= -2.13 FT NAVD88

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DATE:	8/23/2024	SCALE:	AS NOTED
DRAWN:		FR	

CLIENT: CITY OF MARCO ISLAND

COASTAL & MARINE ENGINEERING
ENVIRONMENTAL & GEOLOGICAL SERVICES
SURVEY AND MAPPING

**COASTAL
ENGINEERING**

SEC.	TWP.	RNG.
ACAD NO.		
2440 C-1 Date 24.02.14		

2024 CAPRI PASS CONDITION SURVEY

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