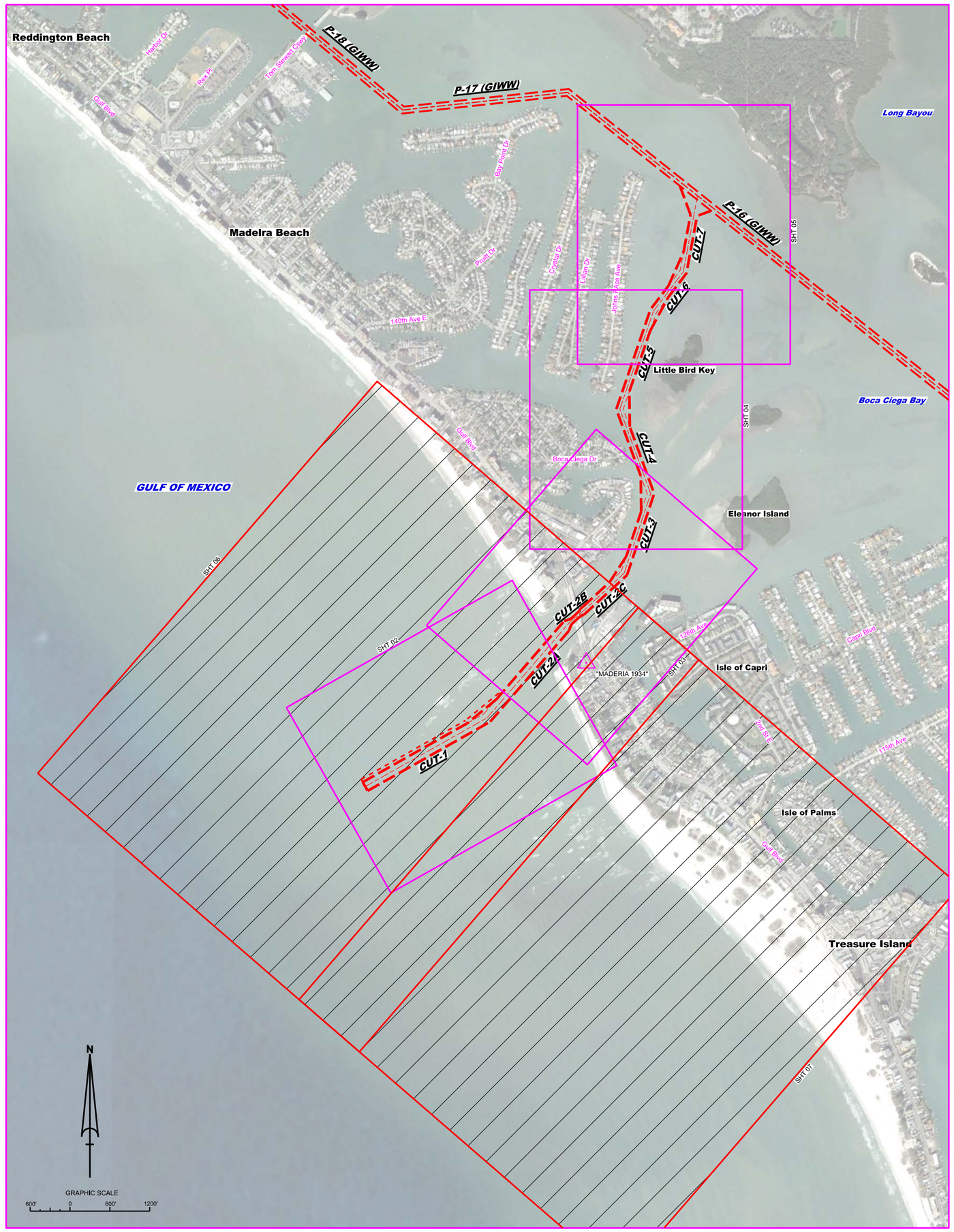

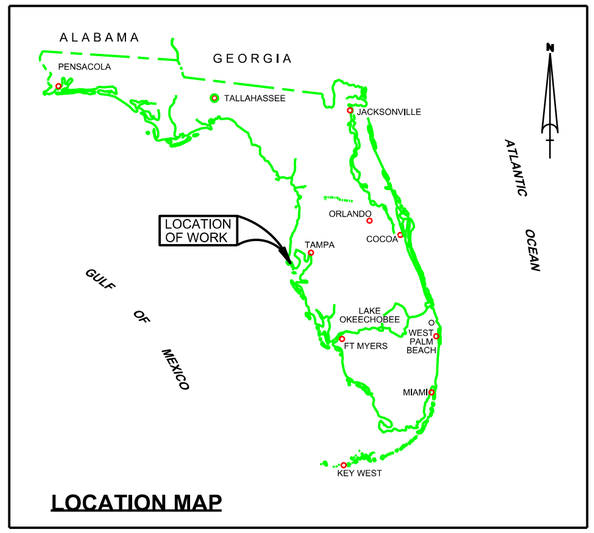

LOCATION MAP

JOHNS PASS
PINELLAS COUNTY, FLORIDA
POST-HURRICANE IDALIA
HYDROGRAPHIC EXAM SURVEY FY23
BORROW AREA AND EBB SHOAL

SURVEY NOTES

1. REFER TO SURVEY NO. 23-175.
2. TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME: "SPC-FL-WEST-2010-12-07.KTD".
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
5. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
6. THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING USING CORRECTIONS FROM FPRN.
7. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). A MODIFIED VERSION OF NOAA'S VDATUM MODEL WAS USED TO CALIBRATE TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARK BELOW:

   NGS BENCHMARK "872 6574" USED FOR ALL CUTS (PID: DM3817)
8. VERTICAL MEASUREMENTS WERE MADE USING AN ODOM ECHOTRAC E20 SINGLE-BEAM OPERATING AT 28/200 KHZ AND A ROSS 835C SINGLE-BEAM OPERATING AT 28/200 KHZ. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-52	02 SEP 2023	EBB SHOAL & BORROW SITE
SB-48	02 SEP 2023	EBB SHOAL & BORROW SITE

9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY.
11. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 2013.

LEGEND	
△	MONUMENT
!	LIGHTED BEACON
■	GREEN DAYBEACON
▲	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	NUN BUOY
	TIDE STAFF
8	PROJECT DEPTH

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: KIRM
Drawn by: KIRM
Checked by: CMR
Rev. No.
Dated: SEP 2023

23-175-HNDSY.DGN
JOHNS PASS-C-NGMCF.DGN
GIWW-C-NGMCF.DGN
22-089-CHS-BRDR.DGN
Reference files:
23-175-VH001.DGN
File name:

JOHNS PASS
PINELLAS COUNTY, FLORIDA
POST-HURICANE IDALIA EXAM SURVEY FY23
10-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1 / 3

SHEET 01 OF 07

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"1"	CAN BUOY-1 (09/23)	399,156	1,252,464	27°46'37.20"	82°47'41.34"
R"2"	LT-2 (09/23)	399,670	1,251,897	27°46'31.63"	82°47'35.57"
R"2A"	NUN BUOY-2A (09/23)	401,306	1,252,053	27°46'33.28"	82°47'17.37"
G"3"	CAN BUOY-3 (09/23)	400,747	1,252,255	27°46'35.24"	81°47'23.61"
R"4"	LT-4 (09/23)	401,781	1,253,036	27°46'43.04"	82°47'12.15"
G"5"	CAN BUOY-5 (09/23)	401,671	1,253,605	27°46'48.67"	82°47'13.42"
NO WAKE SIGN	SIGN (09/23)	401,399	1,253,881	27°46'51.47"	82°47'01.55"

Y= 1250000 Y= 1254000 Y= 1255000 Y= 1256000 Y= 1257000

X= 396000 X= 397000 X= 398000 X= 399000

GULF OF MEXICO

G"1"

STA. 0+00

R"2"

P.I. STA. 21+03.23 CUT-1
P.I. STA. 0+00 CUT-2A

G"5"

P.I. STA. 19+19.76 CUT -2A
P.I. STA. 0+00 CUT -2B

P.I. STA. 1+92.96 CUT -2B
P.I. STA. 0+00 CUT -2C

G"3"

CUT-1

R"4"

"NO WAKE SIGN"

CUT-2B

CUT-2C

R"2A"

CUT-2A

"MADERIA 1934"

MATCHLINE SHEET NO. 007

GRAPHIC SCALE
200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 23-175.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

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DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: VIRM
Drawn by: VIRM
Checked by: CMR
Rev. No.
Date: SEP 2023

AERIAL_SHT006.DGN
23-175-VH006.DGN
23-175-VH006_EBB-SHOAL.DGN
JOHNS PASS-CHGMCF.DGN
22-069-CPE-SHEINDR.DGN
Reference files:
File name:

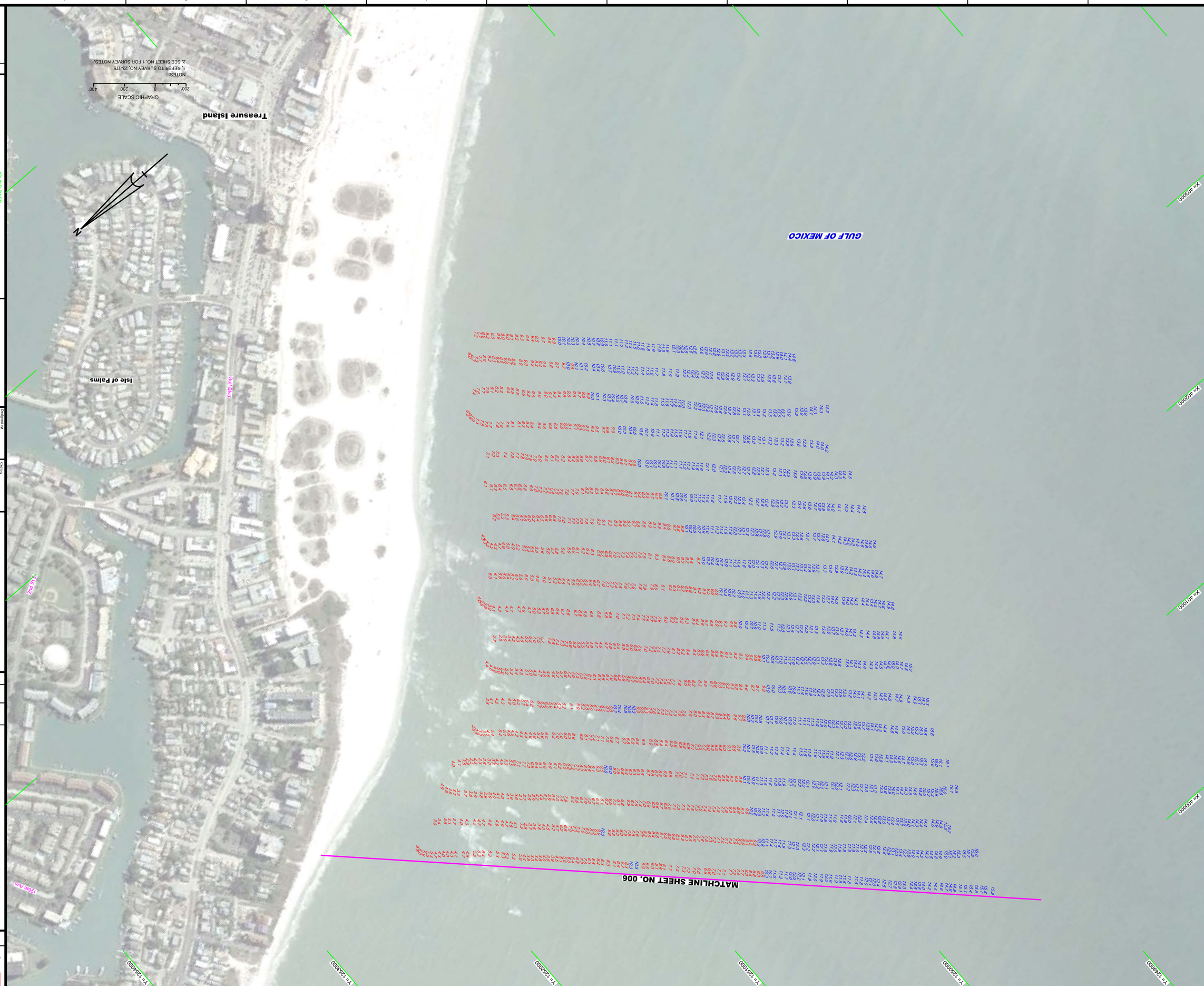
JOHNS PASS
PINELLAS COUNTY, FLORIDA

POST-HURICANE IDALIA EXAM SURVEY FY23
10-FOOT PROJECT
EBB SHOAL AREA
PLAN

Scale: AS SHOWN

Drawing no.
2 / 3

SHEET 06 OF 07



SHEET 07 OF 07

Drawing no.

3 / 3

Scale: AS SHOWN

JOHNS PASS
PINELLAS COUNTY, FLORIDA

POST-HURICANE IDALIA EXAM SURVEY FY23
10-FOOT PROJECT
BORROW AREA
PLAN

AERIAL_SHT007.DGN
23-175-V-SOUN_EBB-BORROW_200SC.DGN
22-085-B-BS-BRDR.DGN
Reference files:
23-175-VH-007.DGN
File name:

Designed by: WRM
Ckd by: GMR
DWN by: WRM
Ins. No.
Dated: SEP 2023

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

No.	Symbol	Zone

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