

# VENICE INLET - CASEY'S PASS SARASOTA COUNTY, FLORIDA HYDROGRAPHIC EXAM SURVEY 9-FOOT PROJECT FY25

**SURVEY NOTES**

- REFER TO SURVEY NO. 25-008.
- SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH.
- TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A REAL-TIME KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME: "SPC-FL-WEST-2010-12-07.KTD".
- ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
- PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
- ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
- THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:  
REFERENCE BASE LOCATED AT "872 5899 A" FOR ALL CUTS (PID: DL9718)
- DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE MLLW HEIGHTS OF THE BENCHMARKS ASSOCIATED WITH THE TIDE GAGE SITES SPECIFIED BELOW:  
NOAA TIDAL STATION "872 5899 A" FOR ENTIRE PROJECT (PID: DL9718)
- VERTICAL MEASUREMENTS WERE MADE USING AN EDGETECH 8205 MULTI-BEAM SYSTEM. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- VESSEL DATE OF SURVEY CUT  
SB-48 16 OCT 2024 VENICE INLET CUTS 1-4
- AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
- 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.
- 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
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	PROJECT DEPTH

US Army Corps of Engineers  
Jacksonville District  
SAFETY ON THIS JOB  
DEPENDS ON YOU

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

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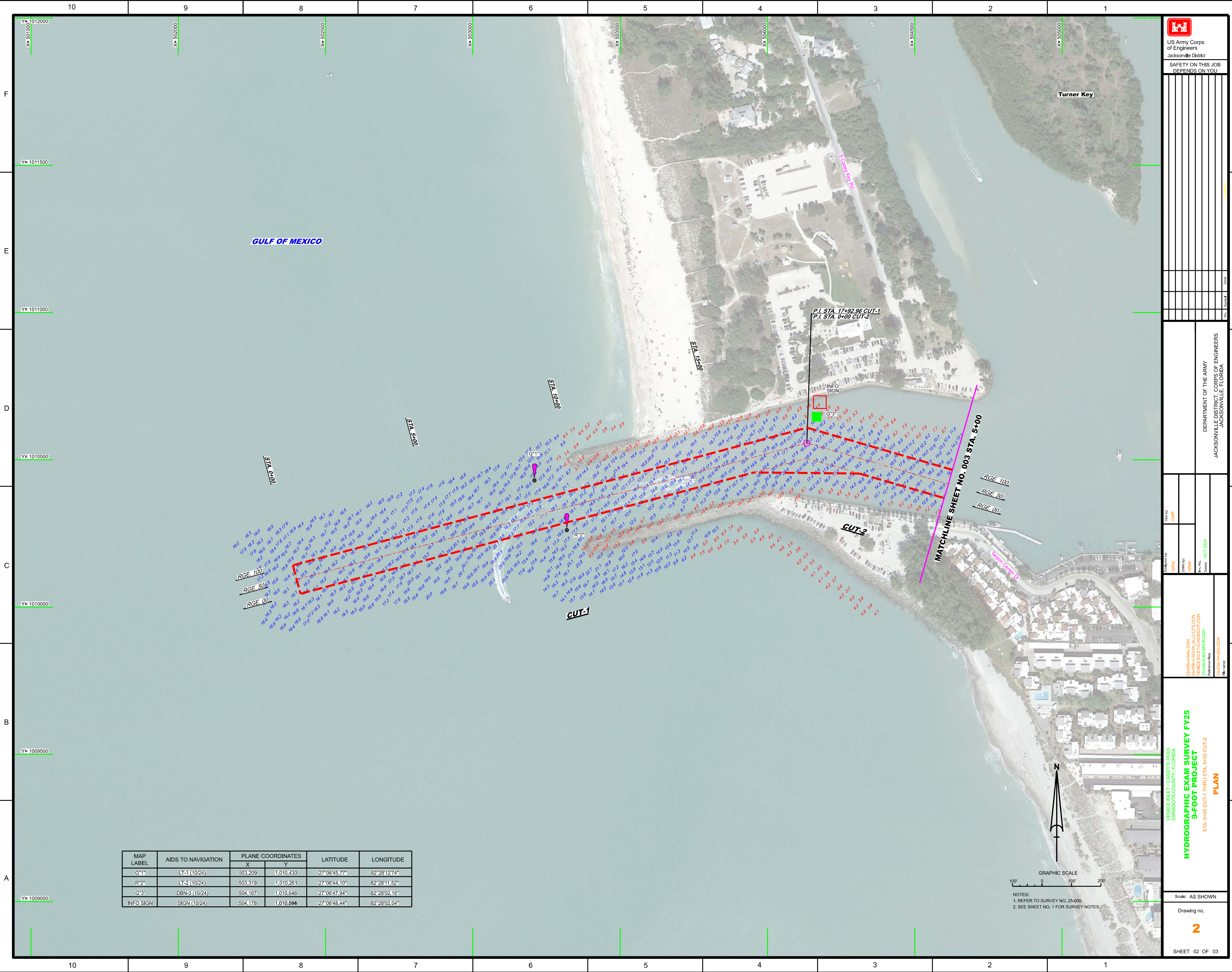
VENICE INLET - CASEY'S PASS  
SARASOTA COUNTY, FLORIDA  
**HYDROGRAPHIC EXAM SURVEY FY25**  
9-FOOT PROJECT  
INDEX, LOCATION AND VICINITY  
MAP

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Scale: AS SHOWN

Drawing no.  
**1**

SHEET 01 OF 03



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G*1	LT-1 (10/24)	503,209	1,010,430	27°06'45.77"	82°28'12.74"
R*2	LT-2 (10/24)	503,319	1,010,261	27°06'44.10"	82°28'11.52"
G*3	DBN-3 (10/24)	504,167	1,010,646	27°06'47.94"	82°28'02.16"
INFO SIGN	SIGN (10/24)	504,178	1,010,696	27°06'48.44"	82°28'02.04"

GRAPHIC SCALE  
100' 0 100' 200'

NOTES:  
1. REFER TO SURVEY NO. 25-008.  
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G*1*	LT-1 (10/24)	505,669	1,010,611	27°06'47.65"	82°27'45.54"
G*3*	DBN-3 (10/24)	505,411	1,010,815	27°06'49.66"	82°27'48.39"
R*4*	LT-4 (10/24)	505,427	1,010,989	27°06'51.39"	82°27'48.22"
G*5*	DBN-5 (10/24)	504,984	1,010,406	27°06'45.60"	82°27'53.11"
G*7*	DBN-7 (10/24)	505,402	1,010,366	27°06'45.22"	82°27'48.48"
R*16*	LT-16 (10/24)	506,503	1,010,533	27°06'46.91"	82°27'36.30"
G*17*	DBN-17 (10/24)	506,315	1,010,434	27°06'45.92"	82°27'38.37"
INFO SIGN	SIGN (10/22)	505,525	1,010,408	27°06'45.64"	82°27'47.12"

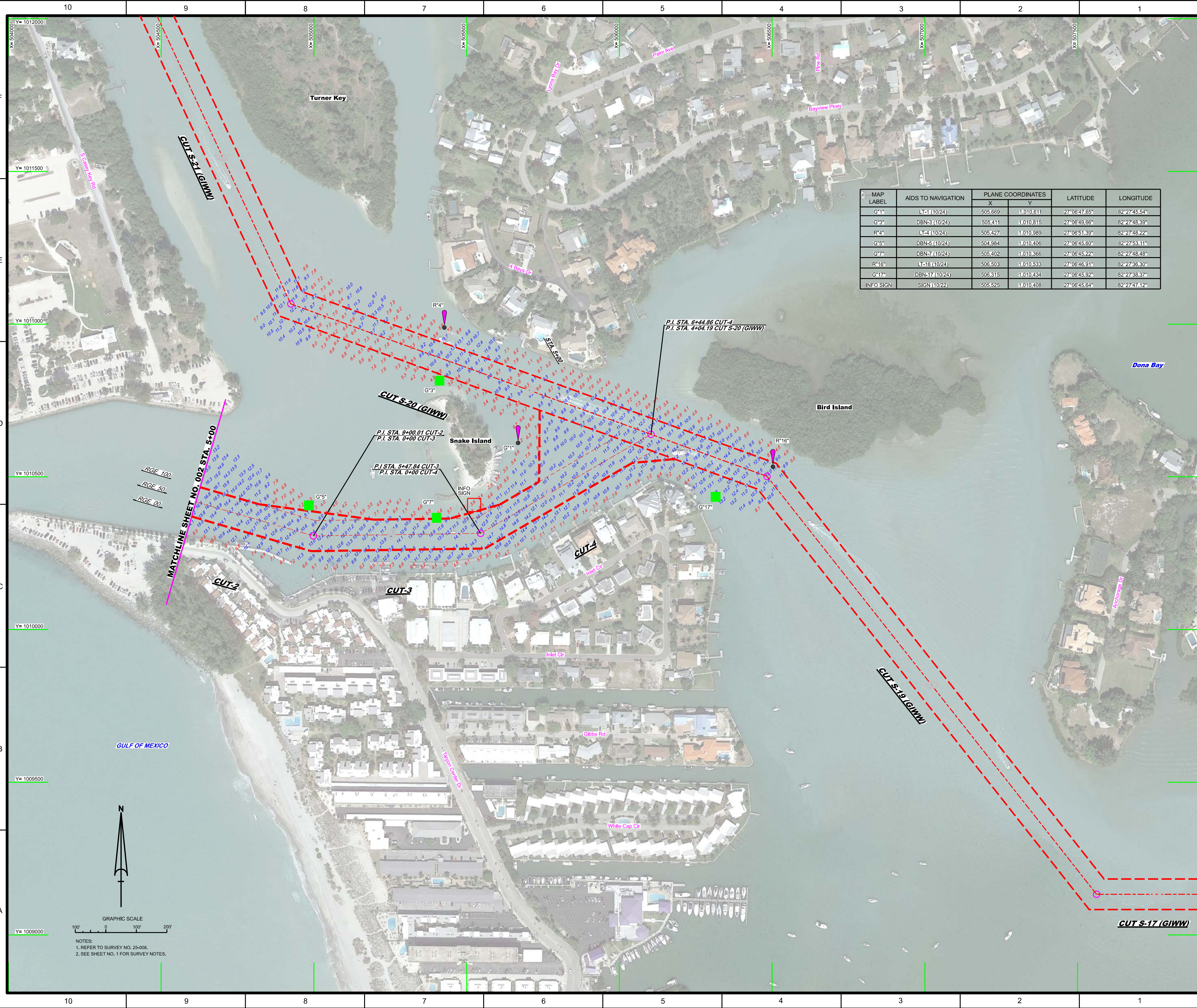
DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

Checked By: GHR  
Designed By: WRM  
Drawn By: WRM  
File No.: 25-008-G-BS-910A.DGN  
Date: OCT 2024

25-008-A-AV.DGN  
25-008-A-ADJN\_ALLOUT.DGN  
25-008-A-ADJN\_ALLOUT.DGN  
25-008-G-BS-910A.DGN  
25-008-H-40.DGN

VENICE INLET / GASEY'S PASS  
SARASOTA COUNTY, FLORIDA  
**HYDROGRAPHIC EXAM SURVEY FY25  
9-FOOT PROJECT**  
STA. 5+00 CUT-2 THRU STA. 6+44.86 CUT-4  
**PLAN**

Scale: AS SHOWN  
Drawing no.  
**3**  
SHEET 03 OF 03



NOTES:  
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2. SEE SHEET NO. 1 FOR SURVEY NOTES.