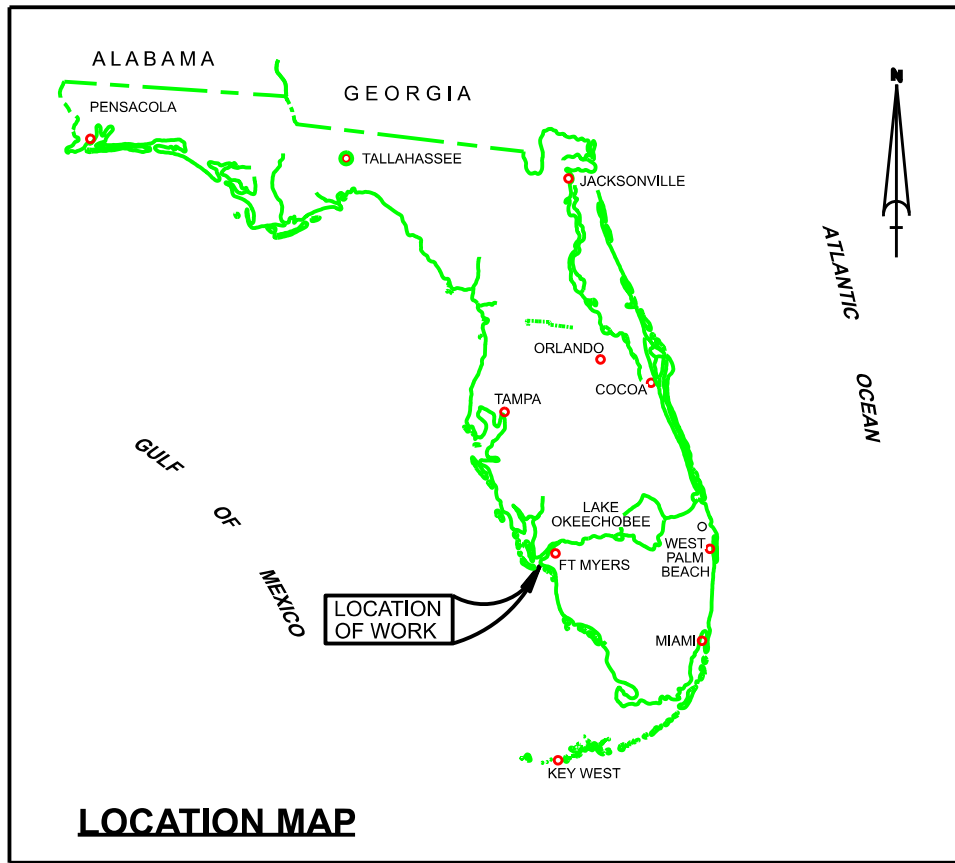
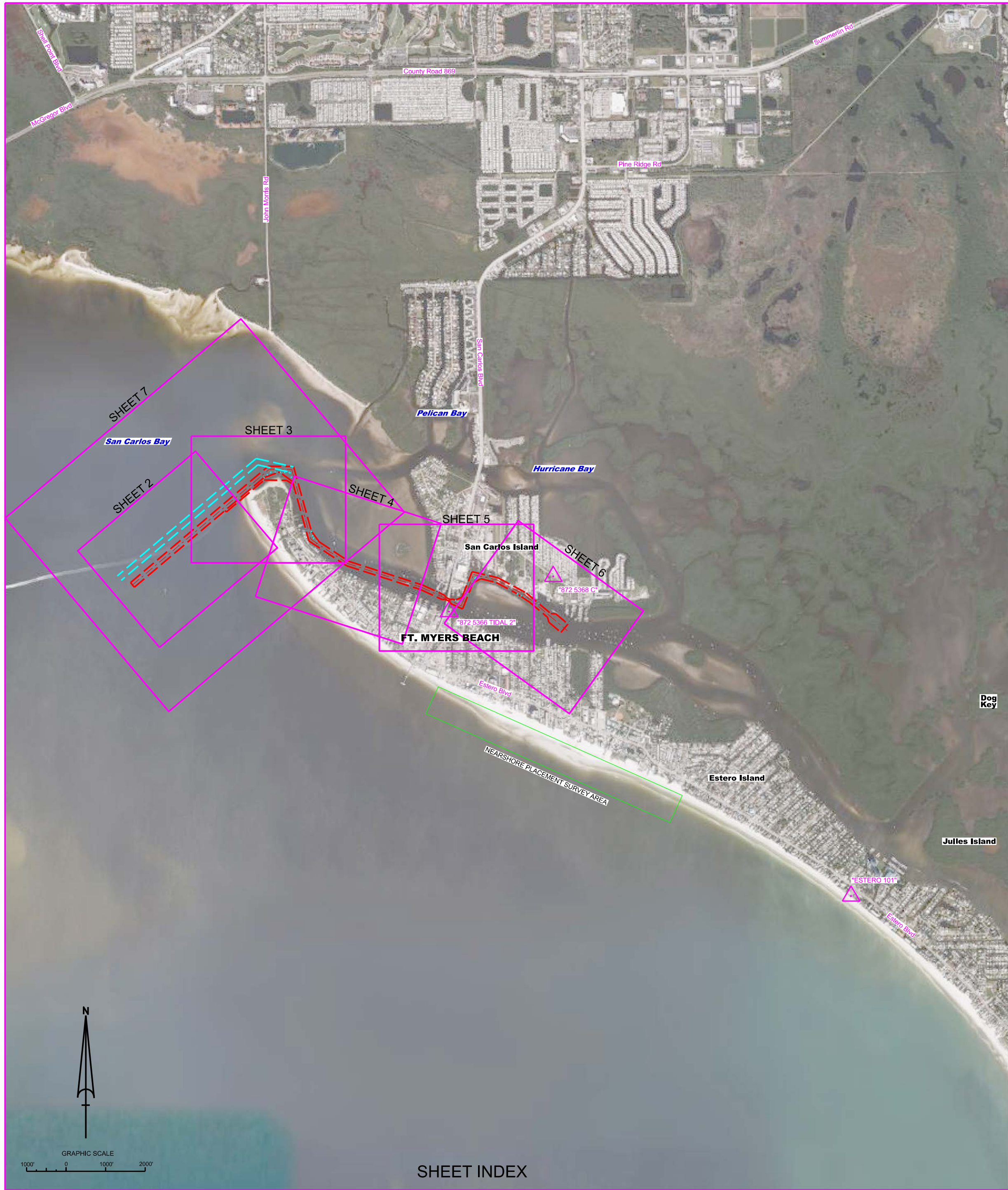




FORT MYERS BEACH HARBOR LEE COUNTY, FLORIDA HYDROGRAPHIC EXAM SURVEY FY25 11 & 12-FOOT PROJECT

SURVEY NOTES

- REFER TO SURVEY NO. 25-033.
 - DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHT OF THE BENCHMARK ASSOCIATED WITH THE TIDE GAGE SITE SPECIFIED BELOW:

NOAA TIDAL STATION 872-5366 (PID: ACX558) FOR ALL CUTS.
 - 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 IS: "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 LOCATIONS:

REFERENCE BASE LOCATED AT "872 5368 C" (PID: CM6722) FOR ALL CUTS.

VERTICAL MEASUREMENTS WERE MADE USING A N EDGETECH 6205 S2 MULTI-BEAM TRANSDUCER AND AN ECHOTRAC E20 SINGLE-BEAM TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- | VESSEL | DATE OF SURVEY | CUT |
|------------|----------------|----------------|
| SB-48 | 14 JAN 2025 | CUTS 1 THRU TB |
| SB-48 | 15 JAN 2025 | CUTS 1 AND 2 |
| SB-48 | 16 JAN 2025 | CUTS 1 AND 2 |
| BEACH TOPO | 16 JAN 2025 | BEACH TOPO |
- 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 DAY BEACON
	RED DAY BEACON
	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

Contract No.	04R
Designated by	WRM
DRAWN BY	WRM
FILE NO.	WRM
DATE	JAN 2025

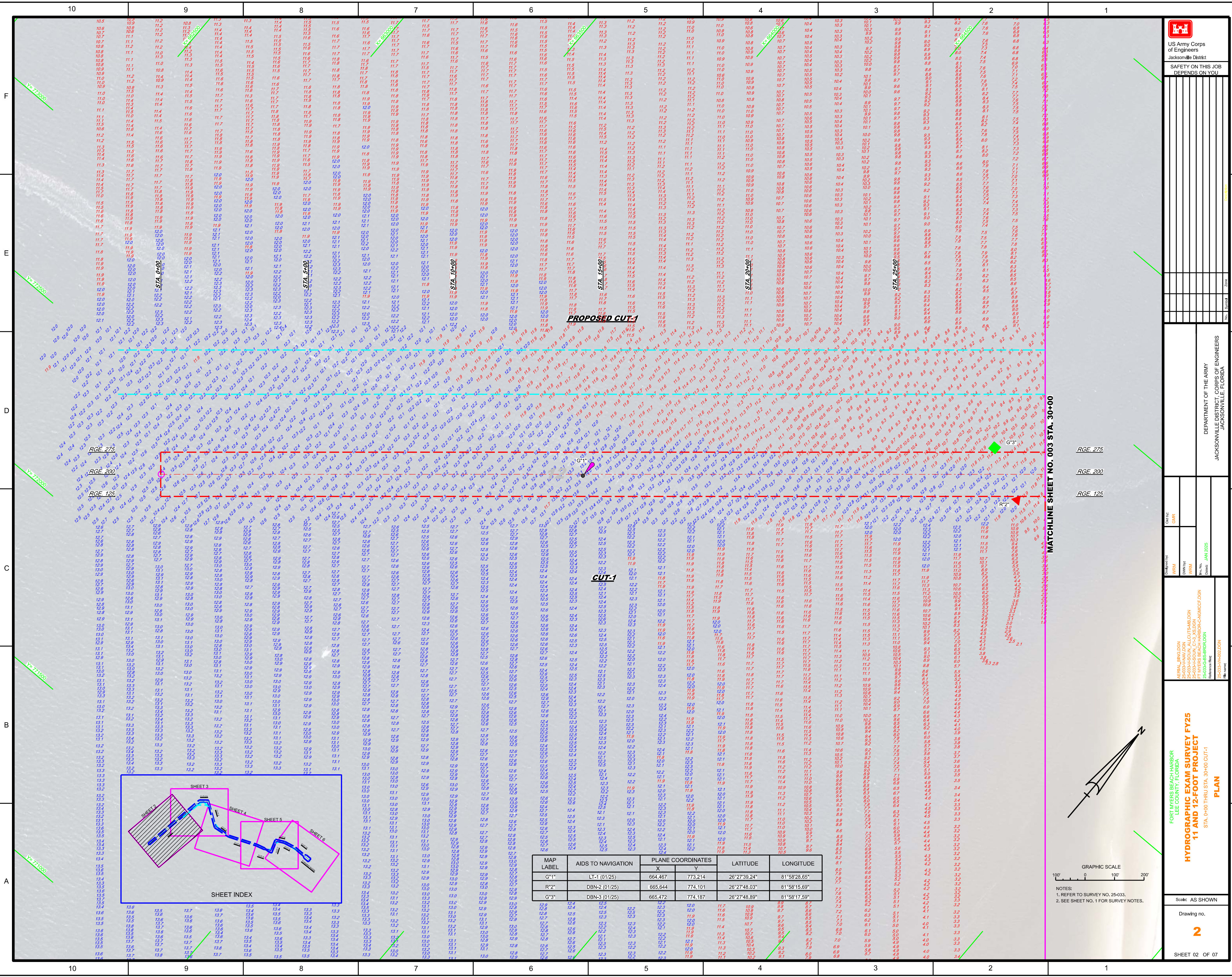
AERIAL BING.DGN
FT MYERS BEACH HARBOR-11-12-FOOT-PROJECT.DGN
25-033-11-12-FOOT-PROJECT.DGN
25-033-11-12-FOOT-PROJECT.DGN

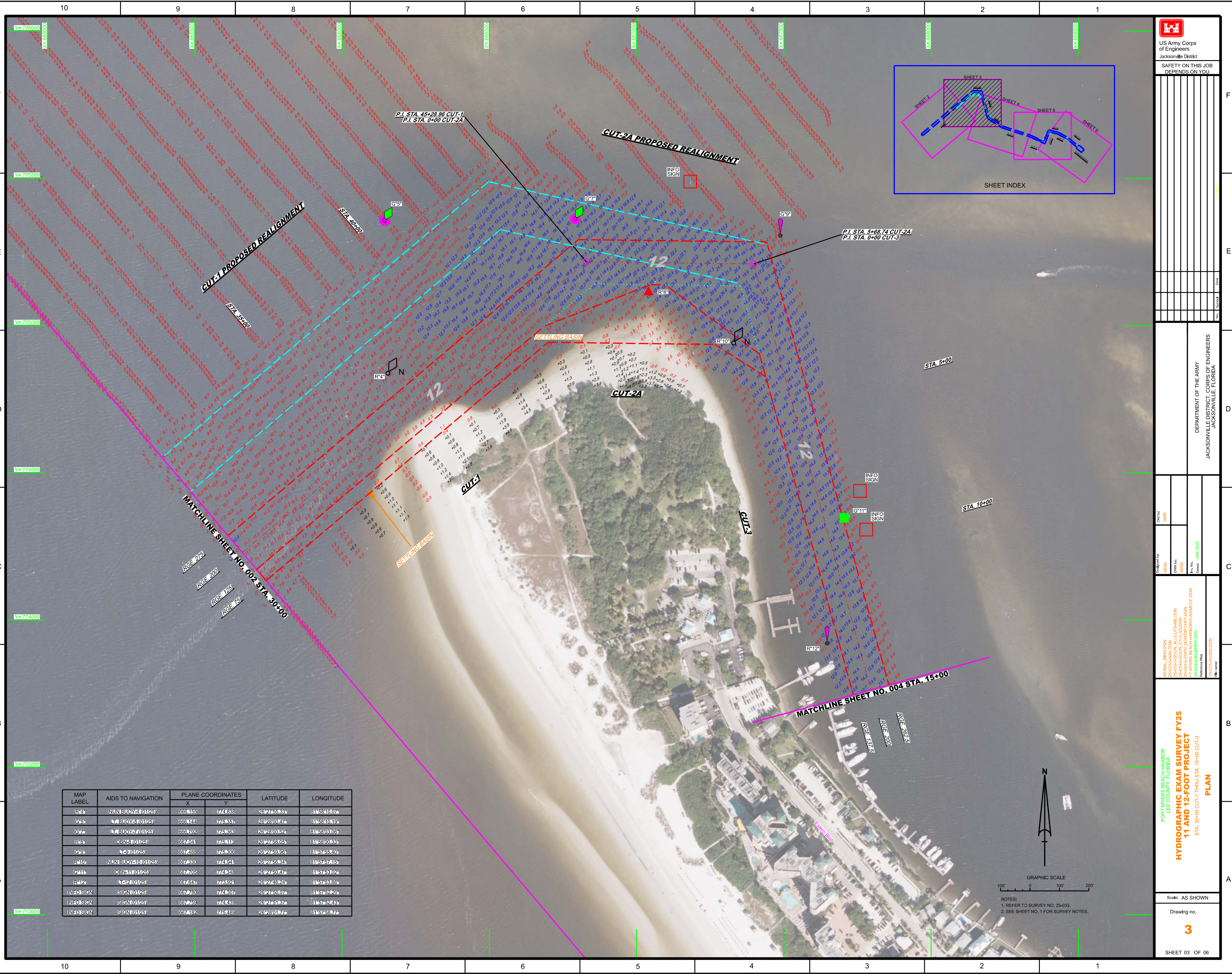
HYDROGRAPHIC EXAM SURVEY FY25
11 AND 12-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 07

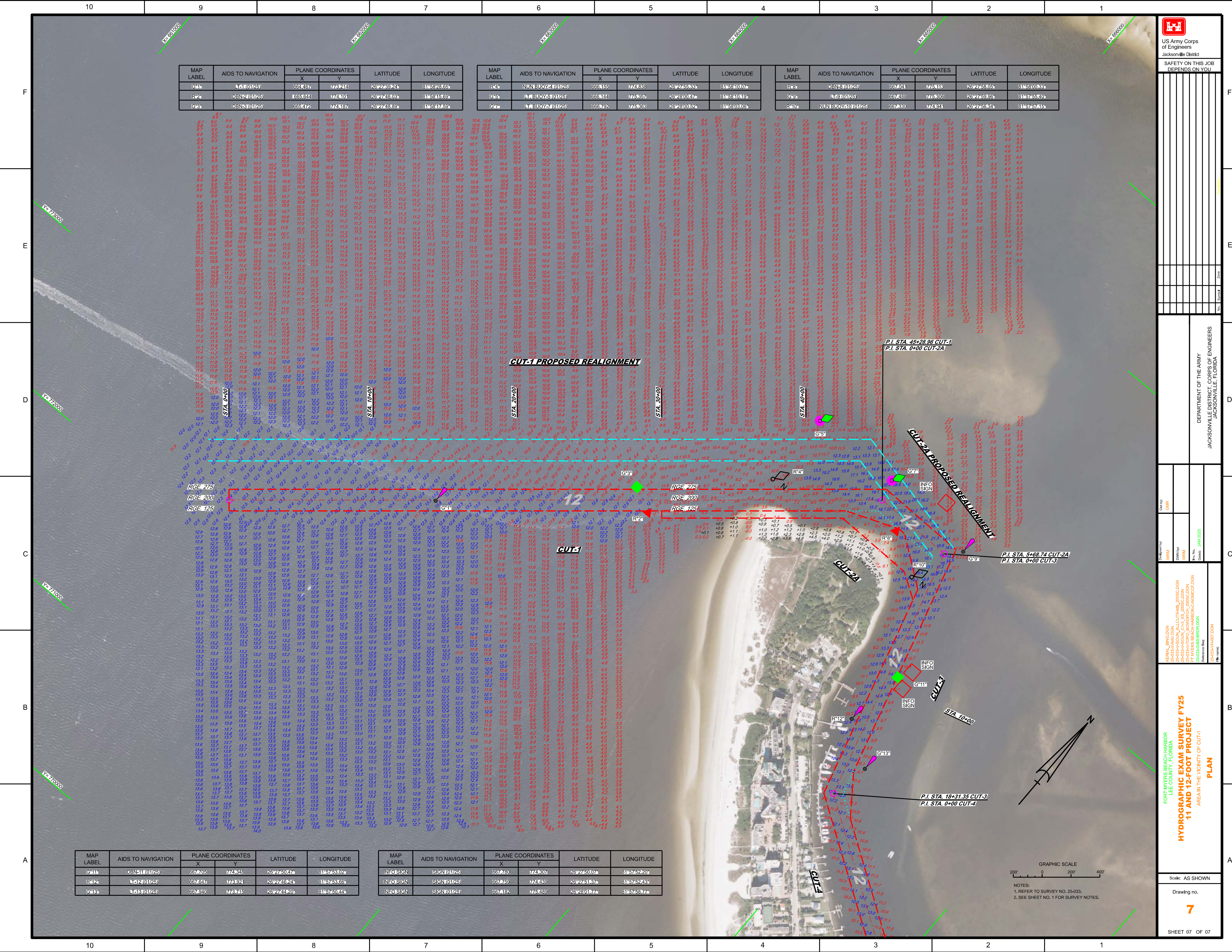




MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R412	NUNBUOY41(01/25)	6651465	174888	262755333	815810070
G54	LBUOY25(01/25)	665144	175857	262800474	815810191
G74	LBUOY27(01/25)	665829	175838	262800505	815803036
R64	DBN3(01/25)	667401	175818	262848805	815800083
G64	LE3(01/25)	667488	175806	262749395	815745540
R410	NUNBUOY41(01/25)	667480	174844	262749684	815747445
G414	DBN11(01/25)	667705	174828	2627450474	8157453020
R412	LE2(01/25)	667797	174824	262744624	815745366
INFO SIGN	SIGN(01/25)	667740	174807	2627450107	815745220
INFO SIGN	SIGN(01/25)	667769	174889	262751137	815752243
INFO SIGN	SIGN(01/25)	667432	175488	262801777	815745877

[illegible]

[illegible]



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G11	DEN511(01/25)	684467	774214	26°24'50.41"	81°57'43.02"
R12	DEN52(01/25)	685644	774201	26°24'48.08"	81°58'15.69"
G18	DEN53(01/25)	685472	774187	26°24'48.39"	81°58'17.65"

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R41	NUN BUOY 2(01/25)	686455	774188	26°24'56.33"	81°58'10.70"
G15	NUN BUOY 5(01/25)	686444	774357	26°24'50.41"	81°58'10.61"
G16	NUN BUOY 6(01/25)	686492	774368	26°24'50.41"	81°58'10.61"

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R10	DEN51(01/25)	687404	775118	26°24'58.05"	81°58'00.83"
G19	DEN51(01/25)	687438	775108	26°24'59.95"	81°57'55.40"
R10	NUN BUOY 5(01/25)	687400	774241	26°24'56.34"	81°57'57.15"

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G11	DEN511(01/25)	687705	774348	26°24'50.41"	81°57'43.02"
R12	DEN52(01/25)	687647	774341	26°24'48.08"	81°57'43.02"
G18	DEN53(01/25)	687610	774345	26°24'48.08"	81°57'43.02"

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
INFO SIGN	SIGN(01/25)	687780	774388	26°24'51.00"	81°57'42.20"
INFO SIGN	SIGN(01/25)	687755	774388	26°24'51.37"	81°57'42.43"
INFO SIGN	SIGN(01/25)	687812	774388	26°24'50.77"	81°57'42.43"

GRAPHIC SCALE
200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 25-033.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

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

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

CHART NO. 25-033-A
DRAWN BY: JMM
CHECKED BY: JMM
DATE: JAN 2025

PROJECT: HYDROGRAPHIC EXAM SURVEY FY25
11 AND 12-FOOT PROJECT
AREAS IN THE VICINITY OF CUT-1
PLAN

Scale: AS SHOWN
Drawing no. 7
SHEET 07 OF 07