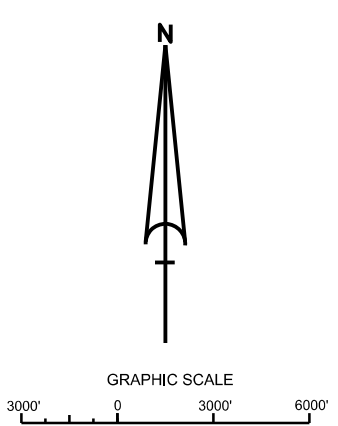
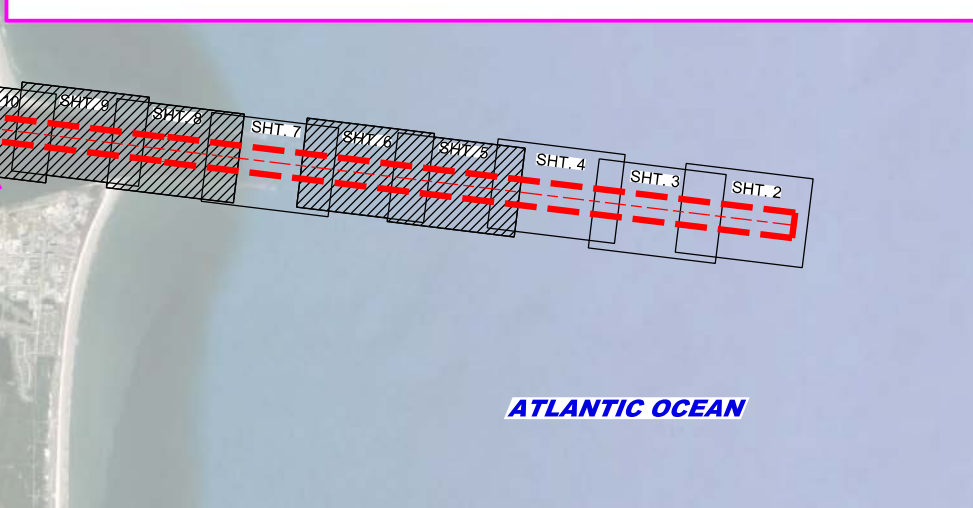


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8	PROJECT DEPTH
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1. REFER TO SURVEY NO. 20-085.
2. TIDAL REDUCTIONS WERE OBTAINING REAL-TIME KINEMATIC GPS AND REFERENCED TO MLW USING A HYPACK KINEMATIC TIDAL DATUM (KTD) FILE. FILE NAME: (CAMBENGA-NASSAU-DUVAL-STJOHNS-FLAGLER,20191202.KTD).
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 EAST ZONE OF FLORIDA AND REFERENCED TO THE 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 WITH THE FOLLOWING REFERENCE BASE LOCATIONS:

REFERENCE BASE LOCATED AT "CHARLIE TOWER ARP" (OPUS PID: BDDC09)

REFERENCE BASE LOCATED AT "USACE BIMT ARP" (OPUS PID: BBGM25)

REFERENCE BASE LOCATED AT "USACE JHFO ARP" (OPUS PID: BBGL18)
7. DEPTHS DEPICTED BY THIS SURVEY ARE IN FEET AND TENTHS AND REFERENCED TO MEAN LOWER LOW WATER (MLLW). TIDAL EPOCH 1993-2021, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MHW HEIGHTS OF THE BENCHMARKS ASSOCIATED WITH THE TIDE GAUGE SITES SPECIFIED BELOW:

NOAA TIDAL STATION 872-0218, BAR PILOTS DOCK
NOAA TIDAL STATION 872-0221, FULTON
NOAA TIDAL STATION 872-0219, DAMES POINT
NOAA TIDAL STATION 872-0215, NAVY FUEL DEPOT
NOAA TIDAL STATION 872-0242, LONG BRANCH

9. AIDS TO NAVIGATION WERE LOCATED FOR 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 THE TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF SURVEY.

11. SURVEY ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THE SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 2013.

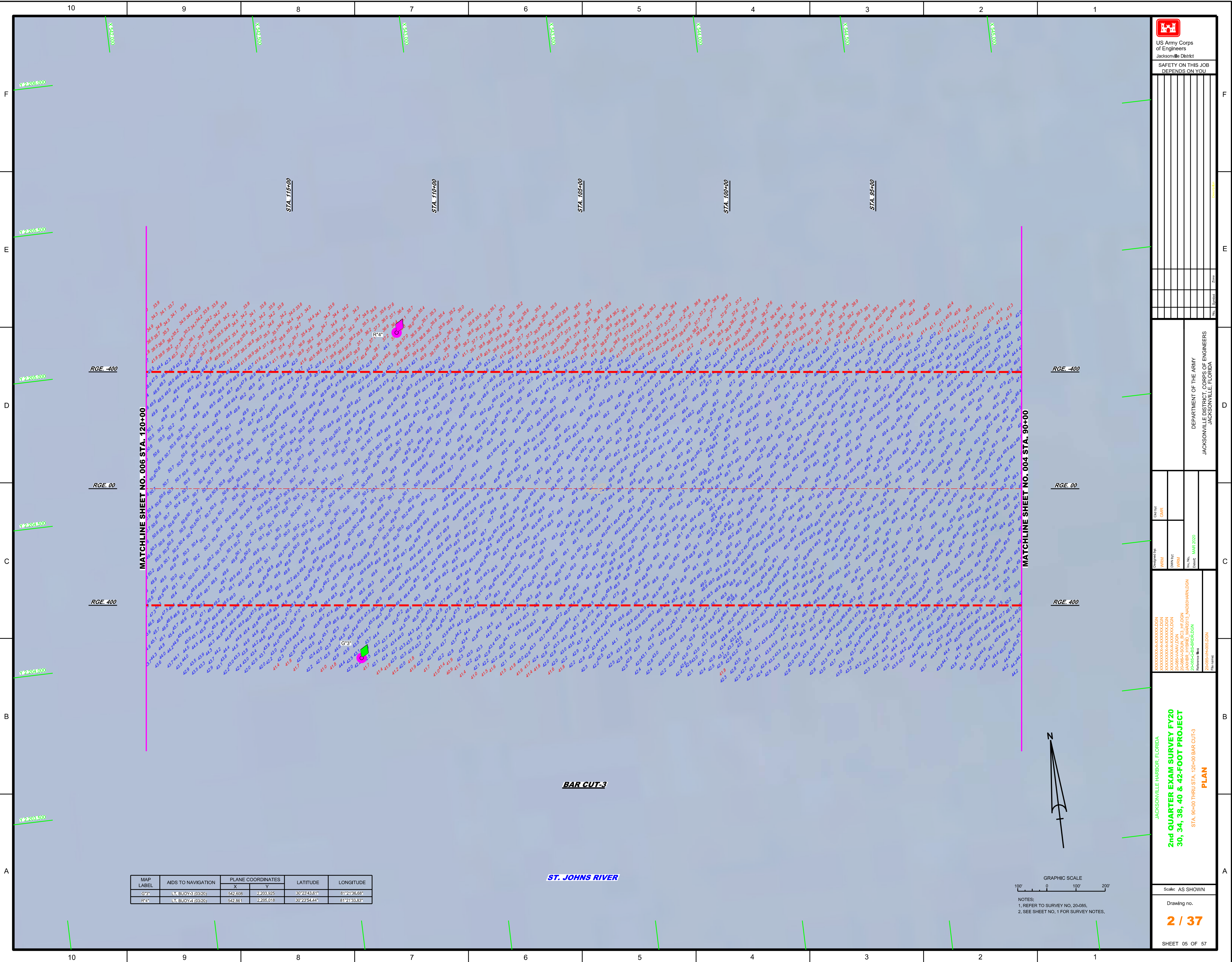
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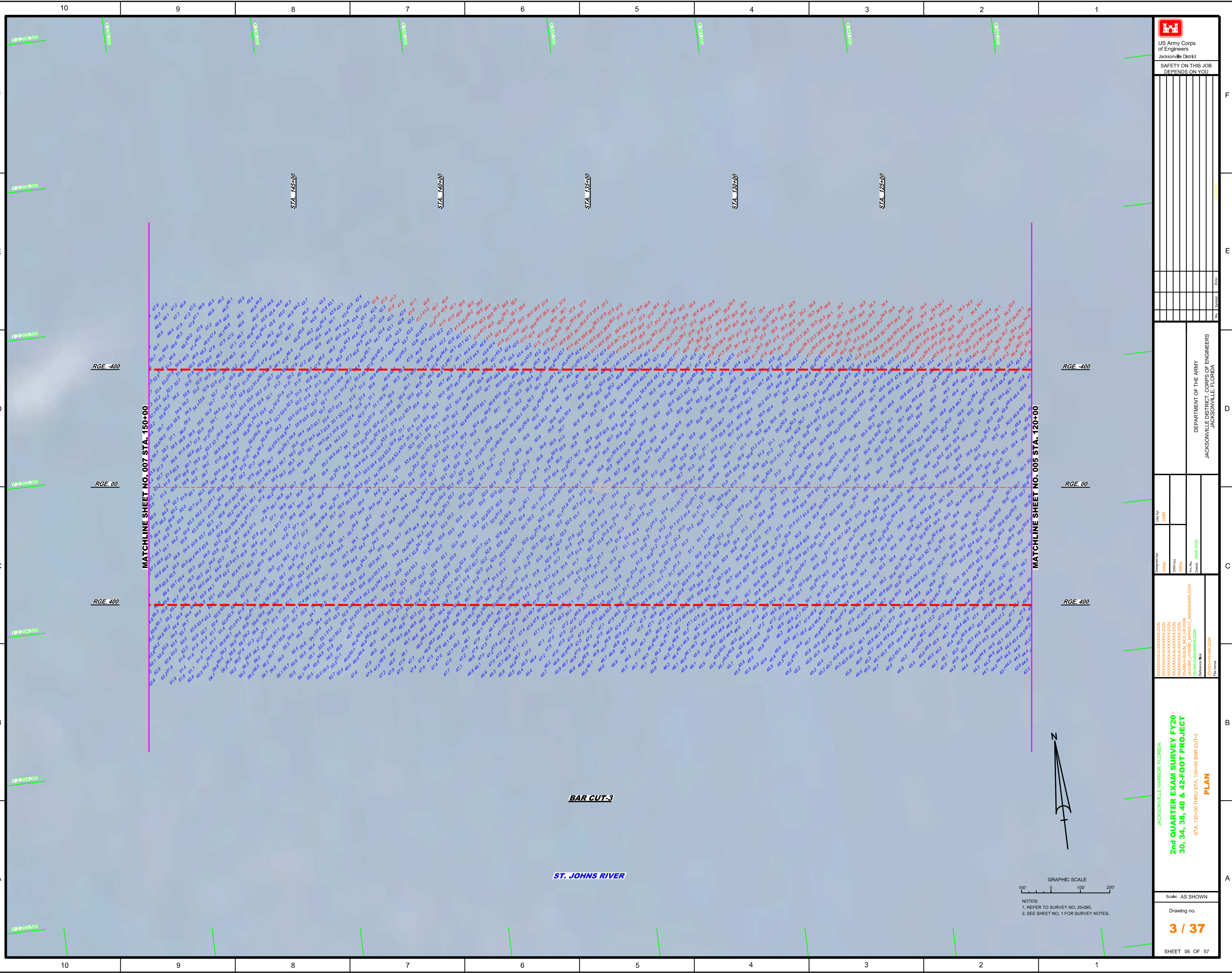
Scale: AS SHOWN

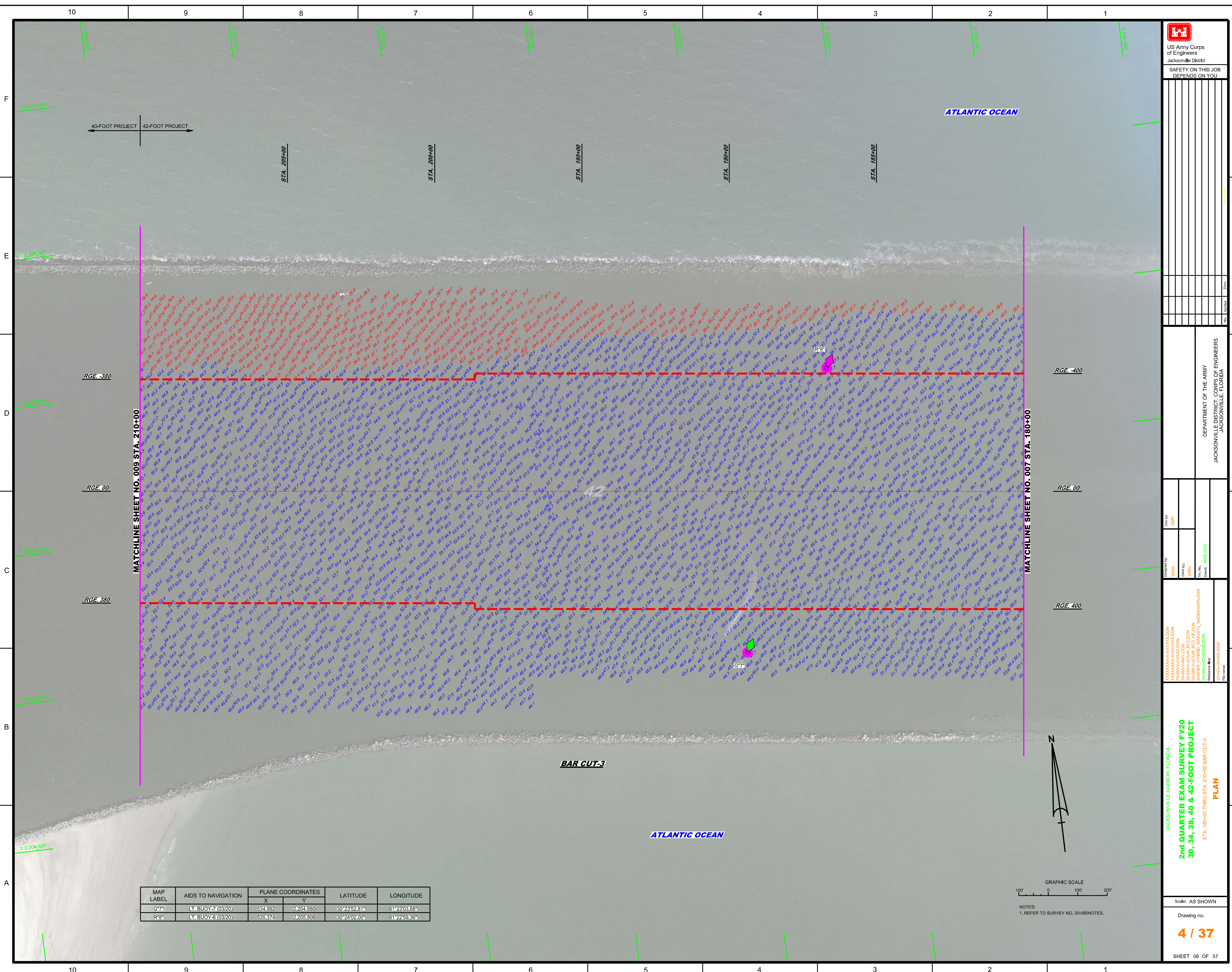
Drawing no.

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MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G7*	LT, BUOY-7 (03/20)	534,992	2,204,880	30°23'52.81"	81°23'03.68"
R8*	LT, BUOY-8 (03/20)	535,374	2,205,806	30°24'02.00"	81°22'59.36"

[illegible]

