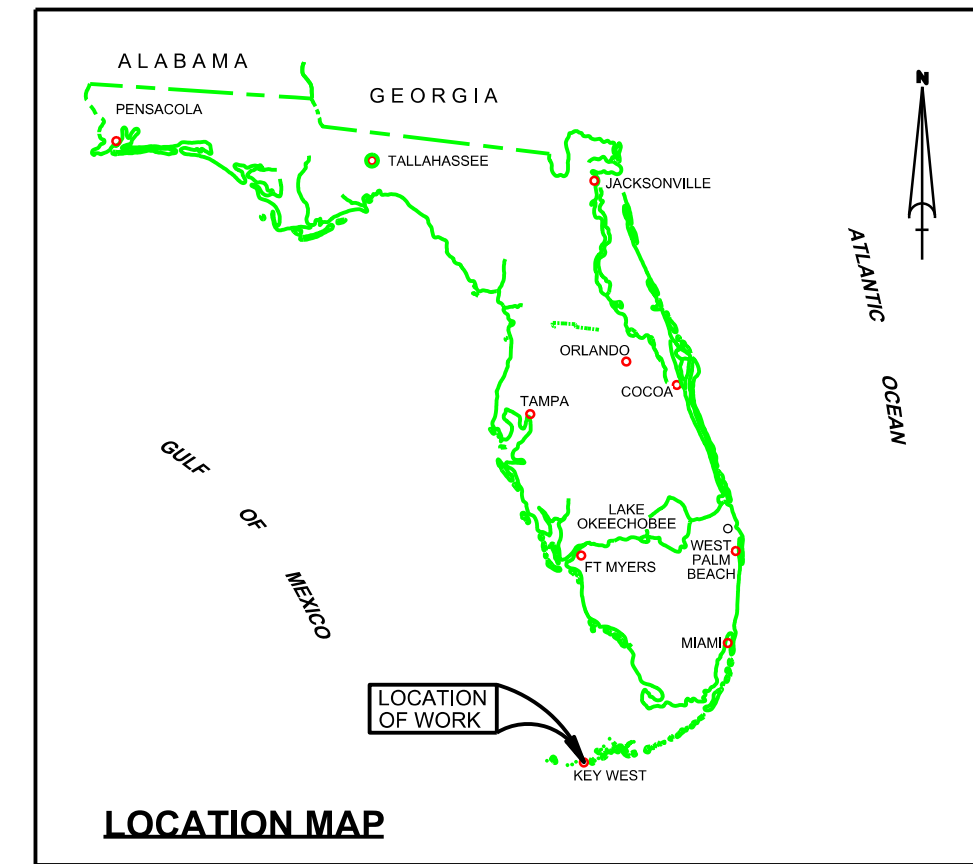


SHEET INDEX



LOCATION MAP

KEY WEST HARBOR MONROE COUNTY, FLORIDA HYDROGRAPHIC EXAM SURVEY FY18 8, 12, 26, 30 AND 34-FOOT PROJECT

SURVEY NOTES

- REFER TO SURVEY NO. 18-123.
- ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) TIDAL DATUM.
- TIDAL REDUCTIONS WERE OBTAINED UTILIZING REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME IS: "BROWARD-MIAMIDADE-MONROE-COLLIER_2018 05 02.KTD".
- ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
- PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
- ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
- 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 VDUTUM MODEL WAS USED TO CALIBRATE TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS BELOW:
NOAA TIDAL STATION 872-4580, KEY WEST, FLORIDA (PID: AA1753)
- THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:
REFERENCE BASE LOCATED AT "KH-04" (PID: BBCE03)
- VERTICAL MEASUREMENTS WERE MADE USING A R2SONIC 2024 MULTI-BEAM SYSTEM OPERATING AT 240 KHZ. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
S/V JACKSONVILLE	29 JUL 2018	TRUMAN HARBOR
S/V JACKSONVILLE	30 JUL 2018	CUT-C, KEY WEST BIGHT TB
S/V JACKSONVILLE	01 AUG 2018	USCG BASIN, MAN OF WAR CUTS 1 & 2, KEY WEST BIGHT CUTS 1, 2 & 3
S/V JACKSONVILLE	07 AUG 2018	CUT-A, CUT-B, MAIN SHIP CH.
S/V JACKSONVILLE	08 AUG 2018	MAIN SHIP CHANNEL
SB-48	28 NOV 2018	GARRISON BIGHT CUTS 1 - 6
SB-48	29 NOV 2018	GARRISON BIGHT CUTS 6 - TB
- 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 USAGE EM 1110-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 13.

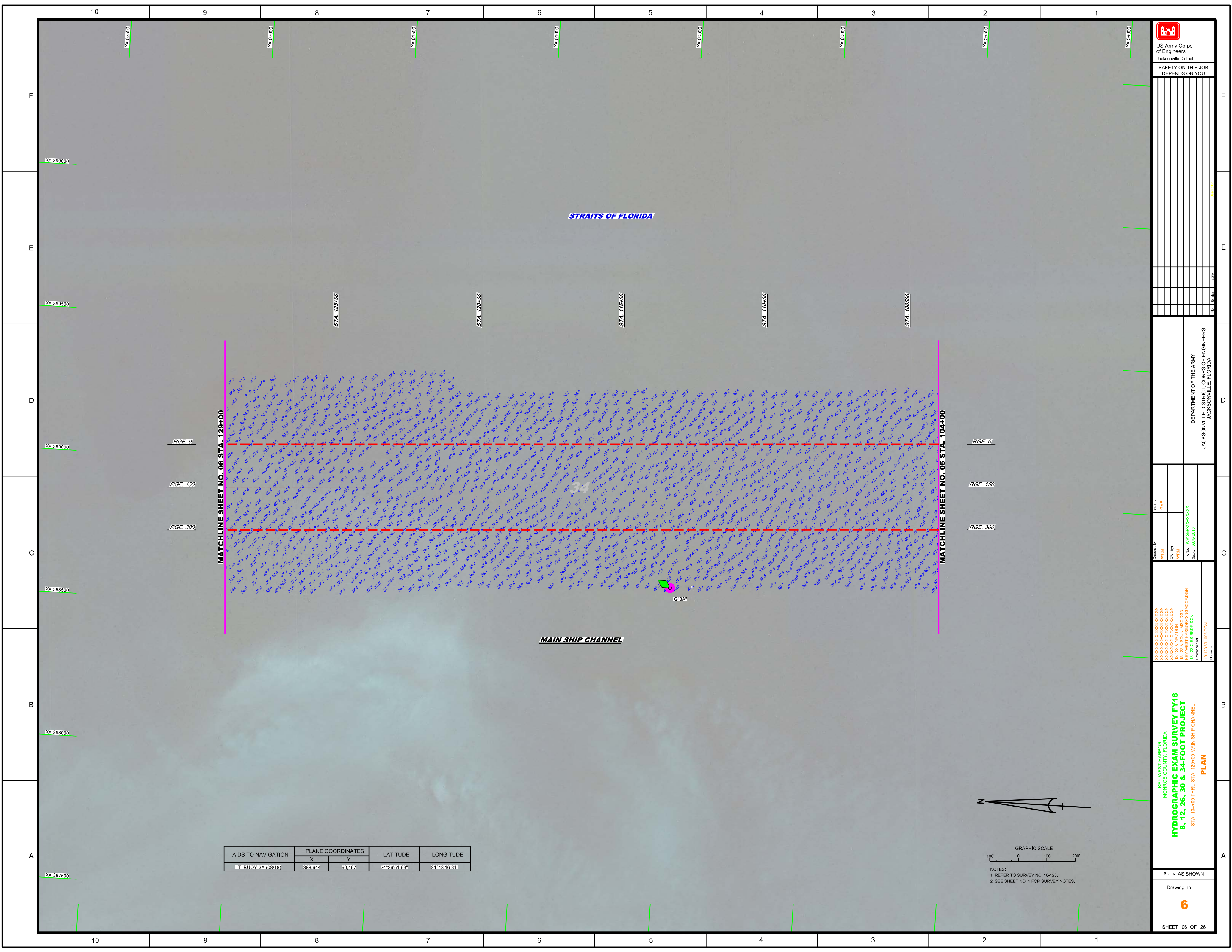
LEGEND	
	BENCHMARK
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	PROJECT DEPTH


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JACKSONVILLE, FLORIDA

KEY WEST HARBOR
MONROE COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY18
8, 12, 26, 30 & 34-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN
Drawing no. 1
SHEET 01 OF 26





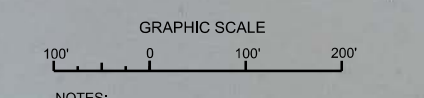
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 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
 JACKSONVILLE, FLORIDA

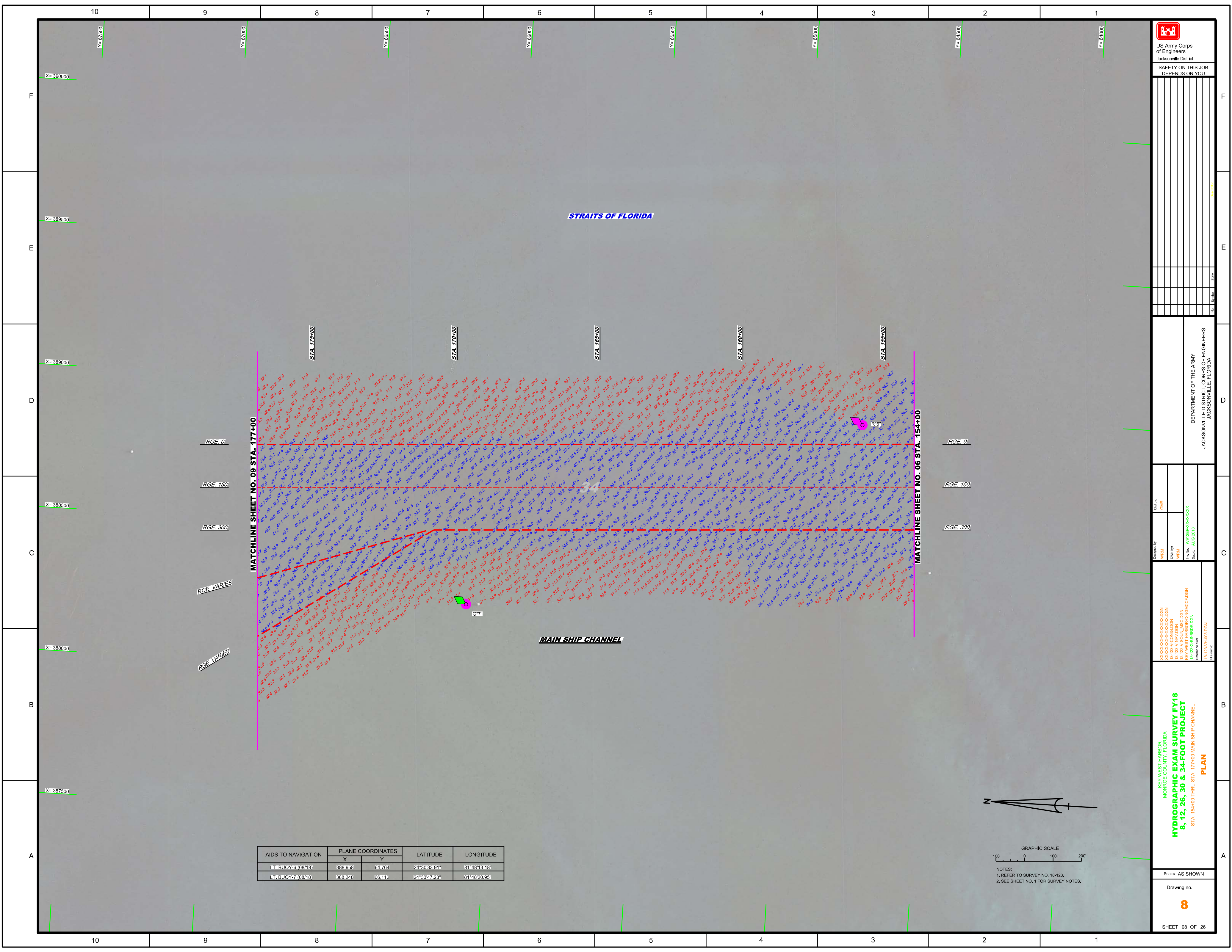
Drawn by: GHR
 Checked by: GHR
 Date: AUG 2018
 Project: KEY WEST HARBOR EXAM SURVEY FY18
 Station: STA. 104+00 THRU STA. 129+00 MAIN SHIP CHANNEL


KEY WEST HARBOR
MONROE COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY18
8, 12, 26, 30 & 34-FOOT PROJECT
STA. 104+00 THRU STA. 129+00 MAIN SHIP CHANNEL
PLAN

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3A (08/18)	388,644	60,497	24°29'51.63"	81°48'16.31"



NOTES:
 1. REFER TO SURVEY NO. 18-123.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.





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 JACKSONVILLE, FLORIDA

Designed by: WRM
 Checked by: GHR
 Drawn by: WRM
 Title: HYDROGRAPHIC EXAM FY18
 Date: AUG 2018

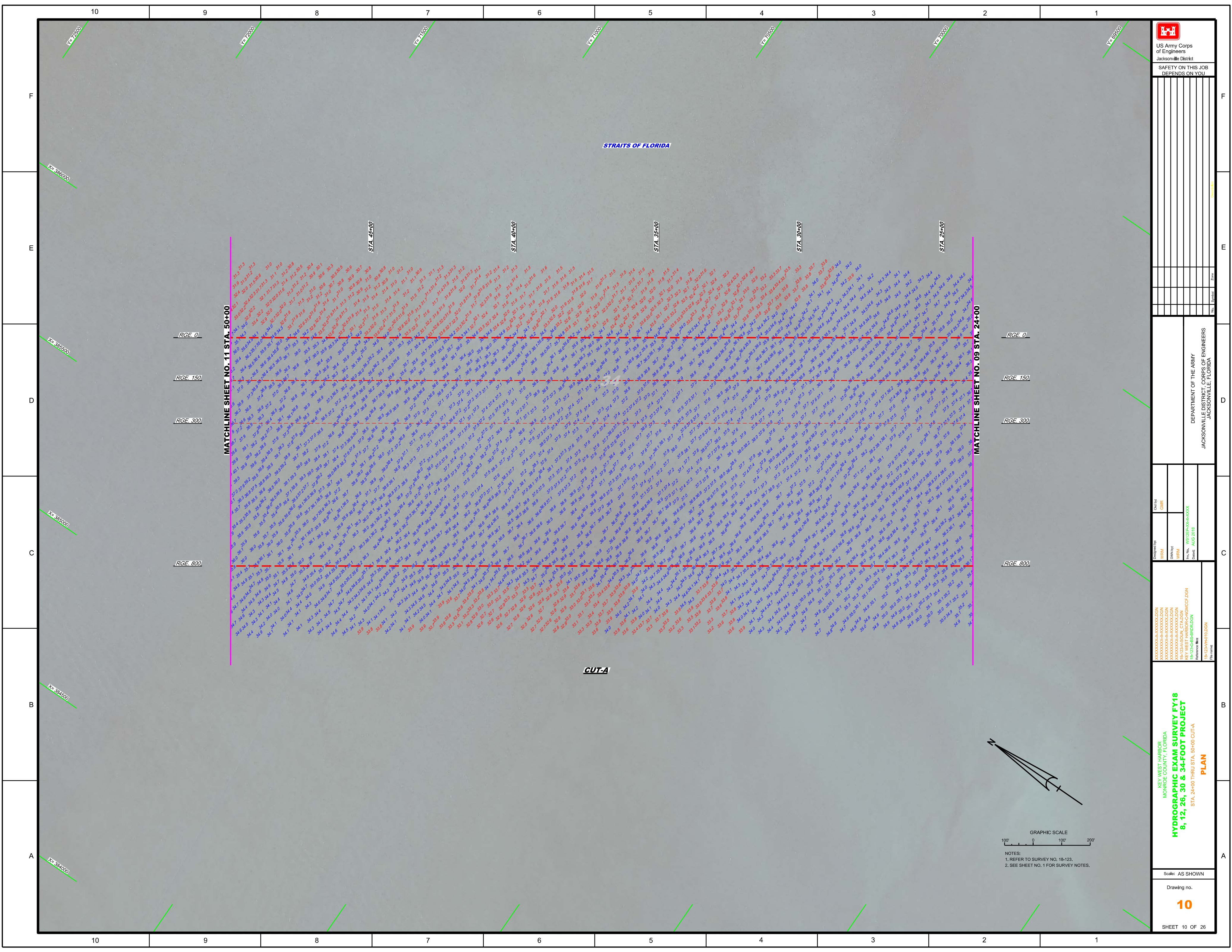
KEY WEST HARBOR
 MONROE COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY18
8, 12, 26, 30 & 34-FOOT PROJECT
 STA. 154+00 THRU STA. 177+00 MAIN SHIP CHANNEL
PLAN


Scale: AS SHOWN
 Drawing no. **8**
 SHEET 08 OF 26

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT BUOY-6 (0848)	388,956	64,764	24°20'33.91"	81°48'13.16"
LT BUOY-7 (0848)	388,248	66,112	24°20'47.23"	81°48'20.95"



GRAPHIC SCALE
 100' 0 100' 200'
 NOTES:
 1. REFER TO SURVEY NO. 18-123.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.





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 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
 JACKSONVILLE, FLORIDA

Call by: GHR
 Designed by: WRM
 Drawn by: WRM
 In file: WRP256-000-000
 Date: AUG 2018
 Reference file: 18-123-00-000
 File name: 18-123-00-000

KEY WEST HARBOR
 MONROE COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY18
8, 12, 26, 30 & 34-FOOT PROJECT
 STA. 24+00 THRU STA. 50+00 CUT-A
PLAN

Scale: AS SHOWN
 Drawing no.
10
 SHEET 10 OF 26

GRAPHIC SCALE
 100' 0 100' 200'
 NOTES:
 1. REFER TO SURVEY NO. 18-123.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.