

BLIND PASS PINELLAS COUNTY, FLORIDA HYDROGRAPHIC EXAM SURVEY FY20 10-FOOT PROJECT

SURVEY NOTES

- REFER TO SURVEY NO. 20-256.
 - 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 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 LOCATION:
REFERENCE BASE LOCATED AT "LK BP 3A RESET" (PID: BBFP28)
 - 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 DATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS ASSOCIATED WITH THE TIDE GAGE SITES SPECIFIED BELOW:
REFERENCE BASE LOCATED AT "BP-1" USED FOR ALL CUTS. (PID: AG0368)
 - VERTICAL MEASUREMENTS WERE MADE USING AN EDGETECH MODEL 6205 INTERFEROMETRIC SYSTEM OPERATING AT 500-900 KHZ AND A ROSS SMARTSOUNDER MODEL 835C USING A DUAL-FREQUENCY 28200 KHZ SINGLE-BEAM TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- | VESSEL | DATE OF SURVEY | CUT |
|--------|----------------|----------------------|
| SB-52 | 08 OCT 2020 | CUTS 2 THRU 6 |
| SB-52 | 15 OCT 2020 | CUT-1 AND SHOAL AREA |
- 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 13.

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**

BLIND PASS
PINELLAS COUNTY, FLORIDA
**HYDROGRAPHIC EXAM SURVEY FY20
10-FOOT PROJECT**
INDEX, LOCATION AND VICINITY
MAP

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

Checked by:	GHR	Designed by:	WRM	Drawn by:	WRM
Project No.:	20-256-10-1003	Date:	OCT 2020	Scale:	AS SHOWN
Revision:	1	Drawing no.:	1	SHEET 01 OF 05	

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
NO WAKE	SIGN (10/20)	411,734	1,239,659	27°44'31.21"	82°45'20.44"
NO WAKE	SIGN (10/20)	411,968	1,239,739	27°44'32.01"	82°45'17.83"
NO WAKE	SIGN (10/20)	411,705	1,238,510	27°44'19.83"	82°45'20.68"
DANGER	SIGN (10/20)	411,996	1,238,715	27°44'11.98"	82°45'17.39"

MATCHLINE SHEET NO. 003 STA. 14+00

GULF OF MEXICO



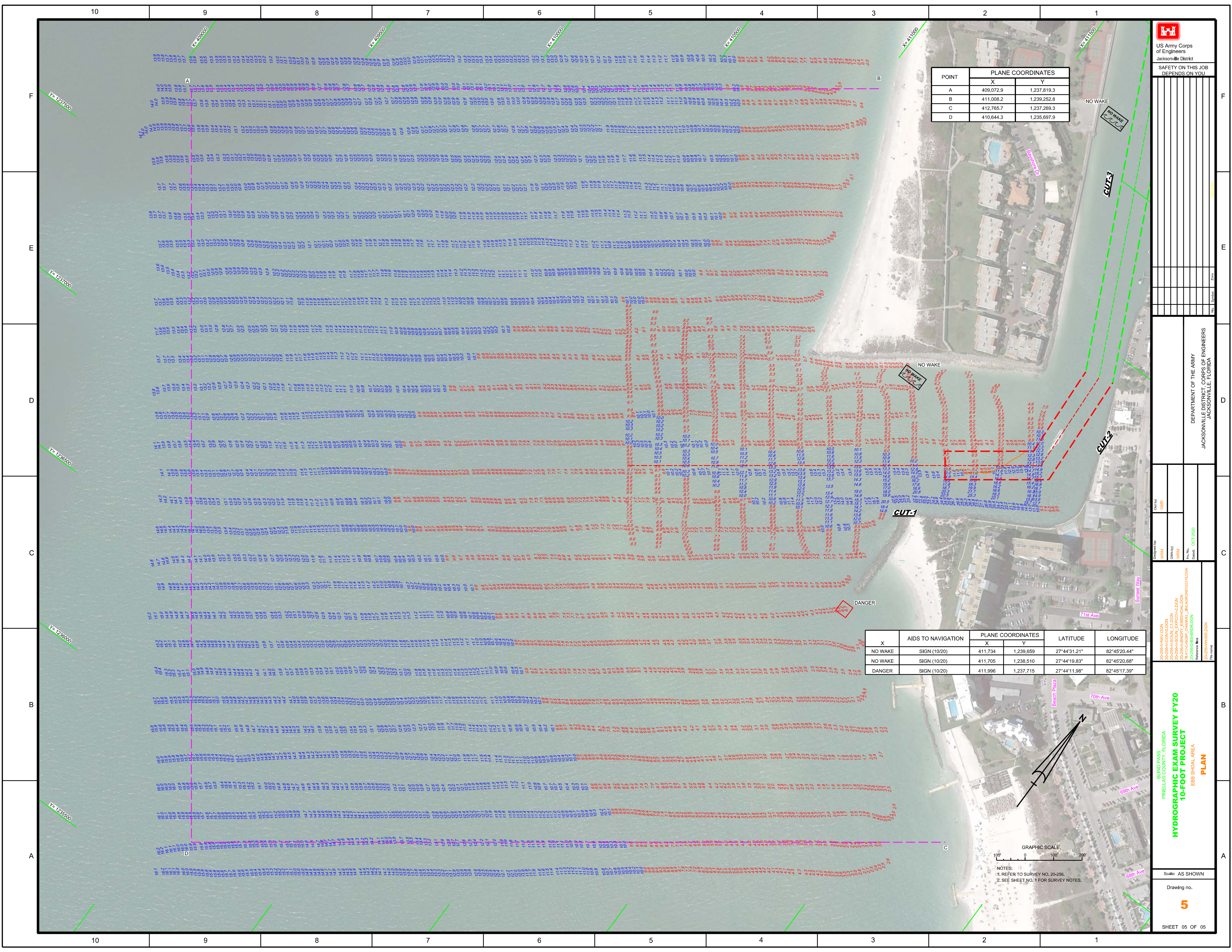
NOTES:
 1. REFER TO SURVEY NO. 26-256.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.

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

Drawn by: GHR
 Checked by: GHR
 Date: OCT 2020

PROJECT: 20-256-0001-CAC-030N
 DRAWING: 20-256-0001-CAC-030N
 TITLE: HYDROGRAPHIC EXAM SURVEY FY20
 DATE: OCT 2020

BLIND PASS
 PINELAS COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY20
10-FOOT PROJECT
 STA. 0+00 CUT-1 THRU STA. 14+00 CUT-3
PLAN
 Scale: AS SHOWN
 Drawing no. **2**
 SHEET 02 OF 05



POINT	PLANE COORDINATES	
	X	Y
A	409,072.9	1,237,819.3
B	411,008.2	1,239,252.8
C	412,765.7	1,237,269.3
D	410,644.3	1,235,697.9

X	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
	NO WAKE	411,734	1,239,659	27°44'31.21"	82°45'20.44"
	NO WAKE	411,705	1,238,510	27°44'19.83"	82°45'20.68"
	DANGER	411,996	1,237,715	27°44'11.98"	82°45'17.39"

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

Client: GMR
Designed by: WRM
Drawn by: WRM
Checked by: WRM
Date: OCT 2020

2025-AW-001.DGN
2025-AW-001.DWG
2025-AW-001-EXP-001.DGN
2025-AW-001-EXP-001.DWG
Reference: 20-256-001-001.DGN
20-256-001-001.DWG

BLIND PASS
PINELAS COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY20
10-FOOT PROJECT
EBB SHOAL AREA
PLAN

Scale: AS SHOWN

Drawing no. **5**

SHEET 05 OF 05

GRAPHIC SCALE
100' 0' 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-256.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.