

PITLACHOSCOTEE RIVER PASCO COUNTY, FLORIDA HYDROGRAPHIC EXAM SURVEY FY24 6-FOOT PROJECT

SURVEY NOTES

- REFER TO SURVEY NO. 24-018.
- 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 "872 7019 D TIDAL" (PID: DG5213)
- 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 DATUM MODEL WAS USED TO CALIBRATE TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARK BELOW:
NOAA TIDAL STATION 872-7012 J FOR ENTIRE PROJECT. (PID: AL7882)
VERTICAL MEASUREMENTS WERE MADE USING AN R2 SONIC AND AN ECHO-TRAC E20. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- VESSEL: SV EL MORRO DATE OF SURVEY: 18-19 SEP 2024 CUT: 1-16, SW CENTERLINE
- 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	
	GPS MONUMENT
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	PROJECT DEPTH

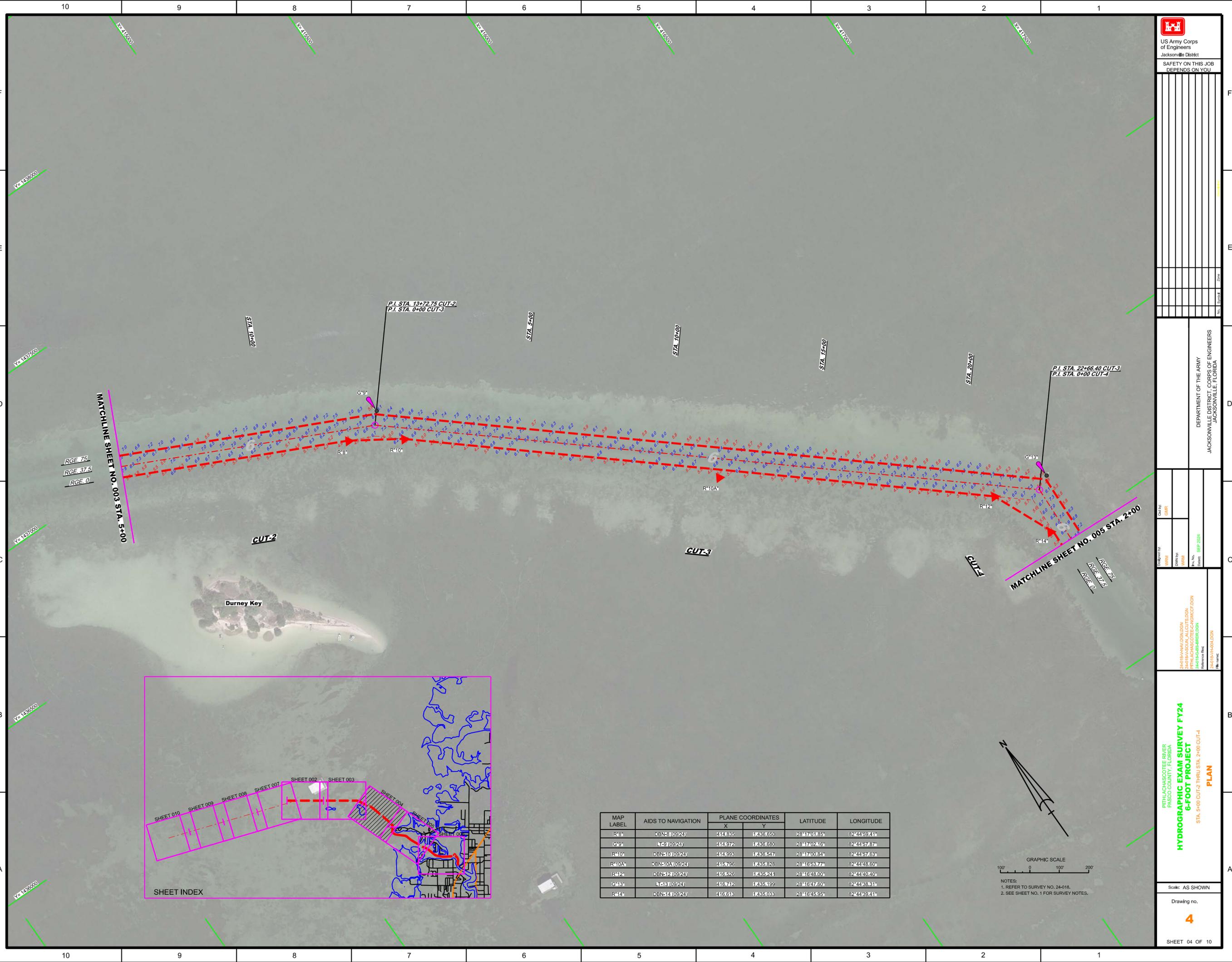
US Army Corps of Engineers
Jacksonville District
SAFETY ON THIS JOB DEPENDS ON YOU

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

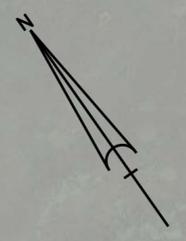
Drawn by: GHR
Checked by: GHR
Designed by: WRM
DWG No: WRM
File No: WRM
Date: SEP 2024

PITLACHOSCOTEE RIVER
PASCO COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY24
6-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN
Drawing no. 1
SHEET 01 OF 10



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R*8	DBN-8 (09/24)	414,835	14,36,650	28°47'01.85"	82°44'59.41"
G*9	Lt-9 (09/24)	414,972	14,36,680	28°47'02.16"	82°44'57.87"
R*10	DBN-10 (09/24)	414,693	14,36,547	28°47'00.84"	82°44'57.68"
R*10A	DBN-10A (09/24)	415,795	14,35,828	28°46'53.77"	82°44'48.60"
R*12	DBN-12 (09/24)	416,626	14,35,241	28°46'43.00"	82°44'40.40"
G*13	Lt-13 (09/24)	416,742	14,35,189	28°46'47.60"	82°44'38.31"
R*14	DBN-14 (09/24)	416,618	14,35,033	28°46'45.95"	82°44'39.41"



GRAPHIC SCALE
 100' 0 100' 200'
 NOTES:
 1. REFER TO SURVEY NO. 24-018.
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G*15	DBN-15 (09/24)	416.694	11434.027	28°16'41.194"	82°44'38.48"
R*16	DBN-16 (09/24)	416.596	11434.416	28°16'40.183"	82°44'39.56"
G*17	DBN-17 (09/24)	416.724	11434.258	28°16'40.241"	82°44'37.45"
R*18	DBN-18 (09/24)	416.922	11434.284	28°16'38.55"	82°44'35.91"
R*20	DBN-20 (09/24)	417.688	11434.186	28°16'37.583"	82°44'27.833"
G*21	DBN-21 (09/24)	417.815	11434.270	28°16'38.26"	82°44'25.92"
R*22	DBN-22 (09/24)	417.845	11434.109	28°16'36.88"	82°44'25.57"
G*23	DBN-23 (09/24)	418.248	11433.907	28°16'34.501"	82°44'24.04"
R*24	DBN-24 (09/24)	418.750	11433.592	28°16'30.592"	82°44'15.411"
G*25	DBN-25 (09/24)	419.292	11433.287	28°16'28.892"	82°44'09.32"



US Army Corps of Engineers
Jacksonville District
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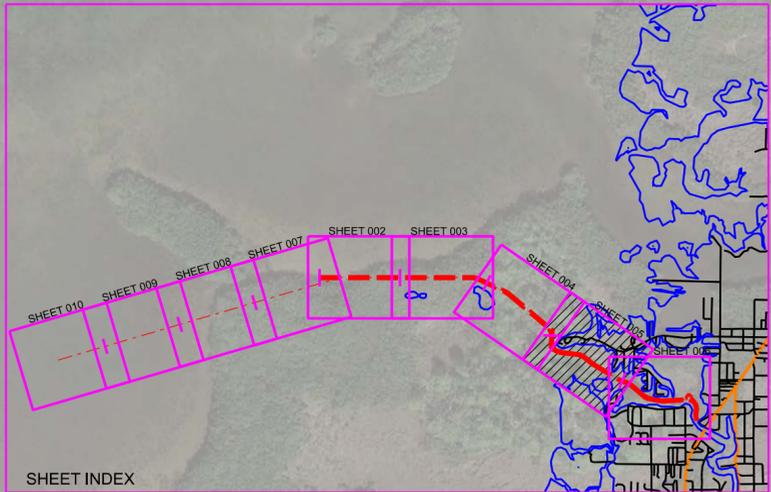
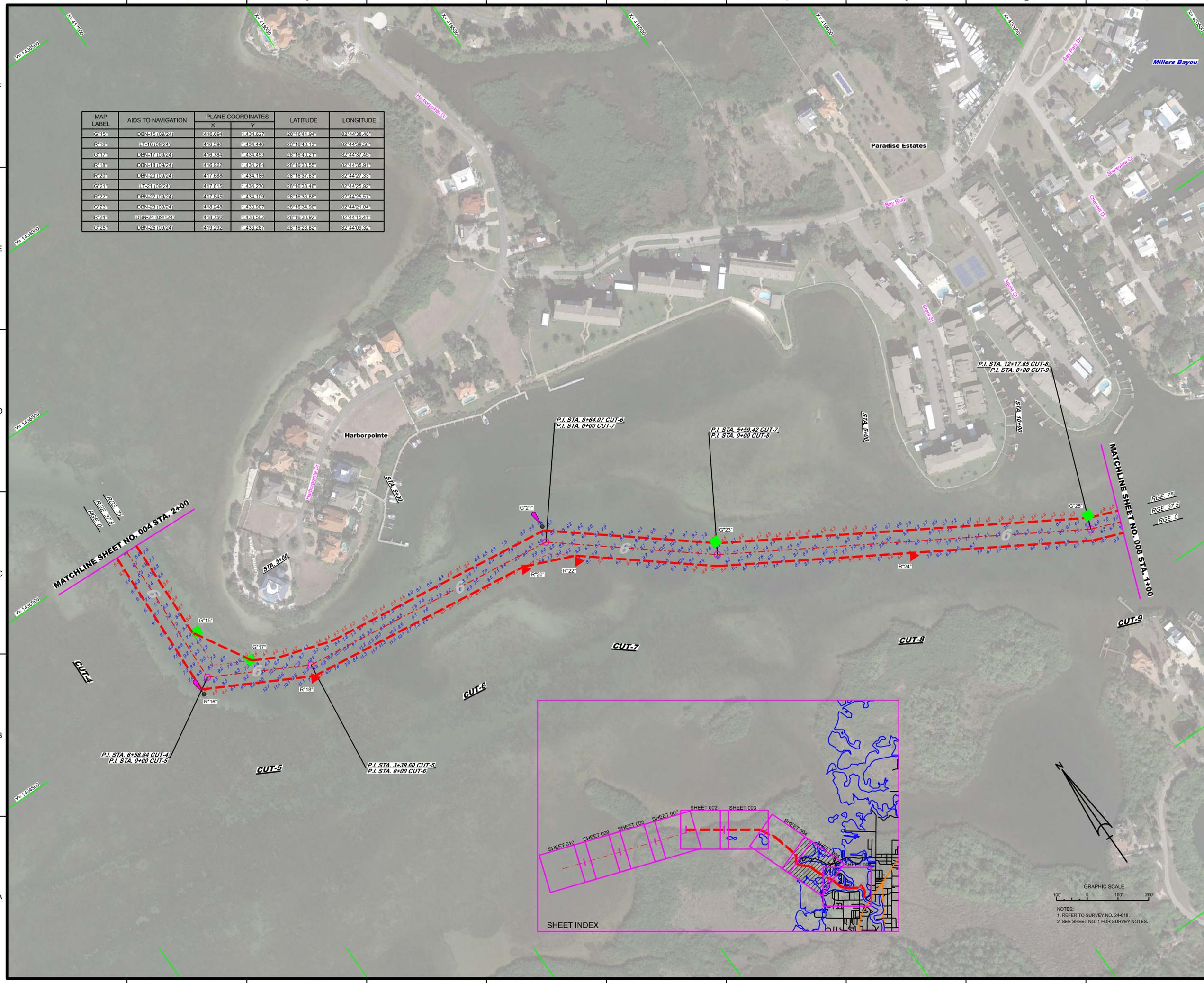
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Drawn by: GHR
Checked by: GHR
Date: SEP 2024

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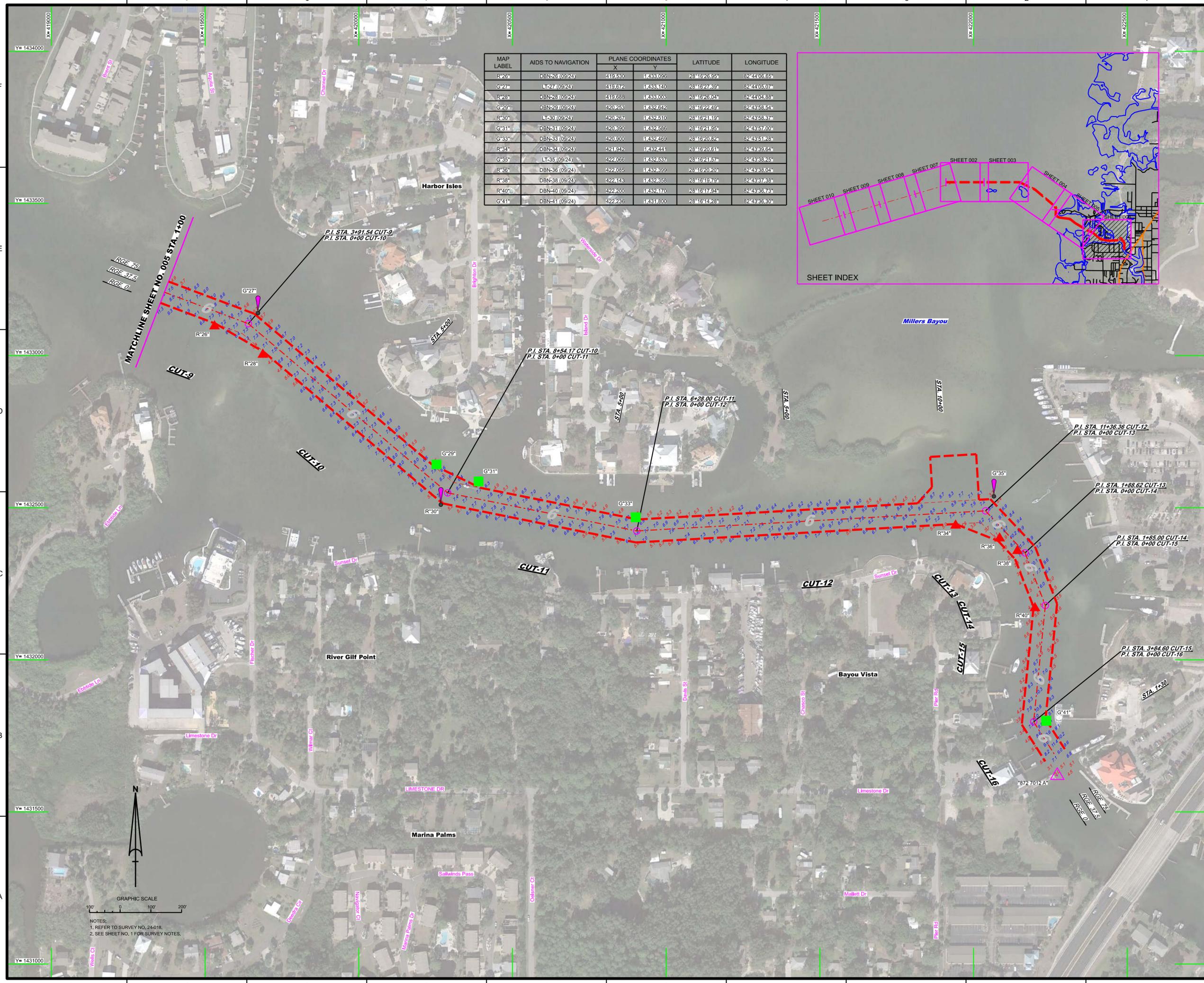
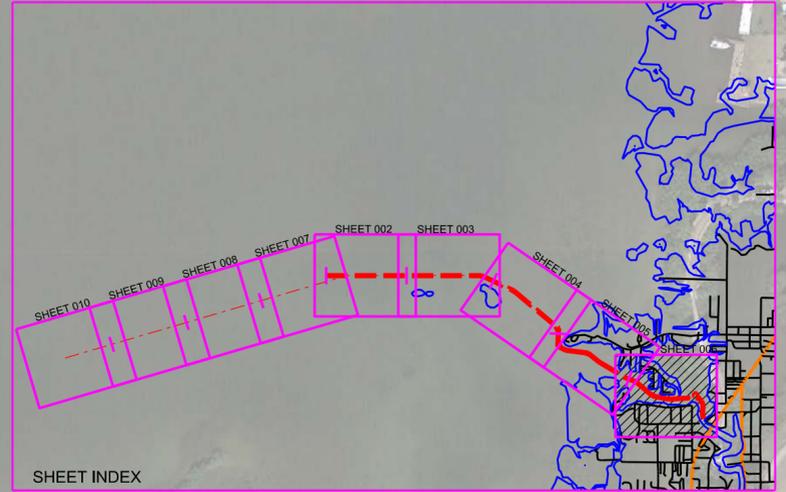
HYDROGRAPHIC EXAM SURVEY FY24
6-FOOT PROJECT
PLAN
STA. 2+00 CUT-4 THRU STA. 1+00 CUT-9

Scale: AS SHOWN
Drawing no. **5**
SHEET 05 OF 06



GRAPHIC SCALE
1" = 200'
NOTES:
1. REFER TO SURVEY NO. 24-018.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R*26°	DBN-26 (09/24)	419,530	11,433,096	28°16'28.95"	82°44'06.65"
G*27°	LT-27 (09/24)	419,672	11,433,140	28°16'27.99"	82°44'05.07"
R*28°	DBN-28 (09/24)	419,688	11,433,003	28°16'26.04"	82°44'04.88"
G*29°	DBN-29 (09/24)	420,258	11,432,642	28°16'22.49"	82°43'58.54"
R*30°	LT-30 (09/24)	420,267	11,432,610	28°16'21.19"	82°43'58.37"
G*31°	DBN-31 (09/24)	420,390	11,432,686	28°16'21.95"	82°43'57.00"
G*33°	DBN-33 (09/24)	420,600	11,432,189	28°16'20.92"	82°43'51.28"
R*34°	DBN-34 (09/24)	421,842	11,432,241	28°16'20.51"	82°43'49.64"
G*35°	LT-35 (09/24)	422,066	11,432,537	28°16'21.57"	82°43'38.25"
R*36°	DBN-36 (09/24)	422,085	11,432,499	28°16'20.20"	82°43'38.04"
R*38°	DBN-38 (09/24)	422,143	11,432,358	28°16'19.79"	82°43'37.38"
R*40°	DBN-40 (09/24)	422,200	11,432,170	28°16'17.94"	82°43'36.73"
G*41°	DBN-41 (09/24)	422,236	11,431,600	28°16'14.28"	82°43'36.30"



MATCHLINE SHEET NO. 005 STA. 1+00

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RCE 0

CUT-9

CUT-10

CUT-11

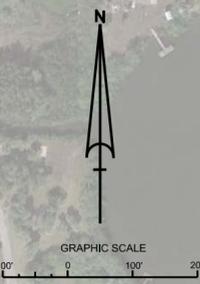
CUT-12

CUT-13

CUT-14

CUT-15

CUT-16



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

Checked By: GHR
Designed By: WRM
Drawn By: WRM
File No.: 24-018-BS-PROP.DGN
Revision Desc: 24-018-BS-PROP.DGN
Date: SEP 2024

RT/ILACHASCOTTEE RIVER
PASCO COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY24
6-FOOT PROJECT
STA. 1+00 CUT-9 THRU STA. 1+30 CUT-16
PLAN

Scale: AS SHOWN
Drawing no.
6

SHEET 06 OF 10

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X= 398200

X= 400000

X= 400000

X= 407000

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X= 409200

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MATCHLINE SHEET NO. 010

MATCHLINE SHEET NO. 008

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