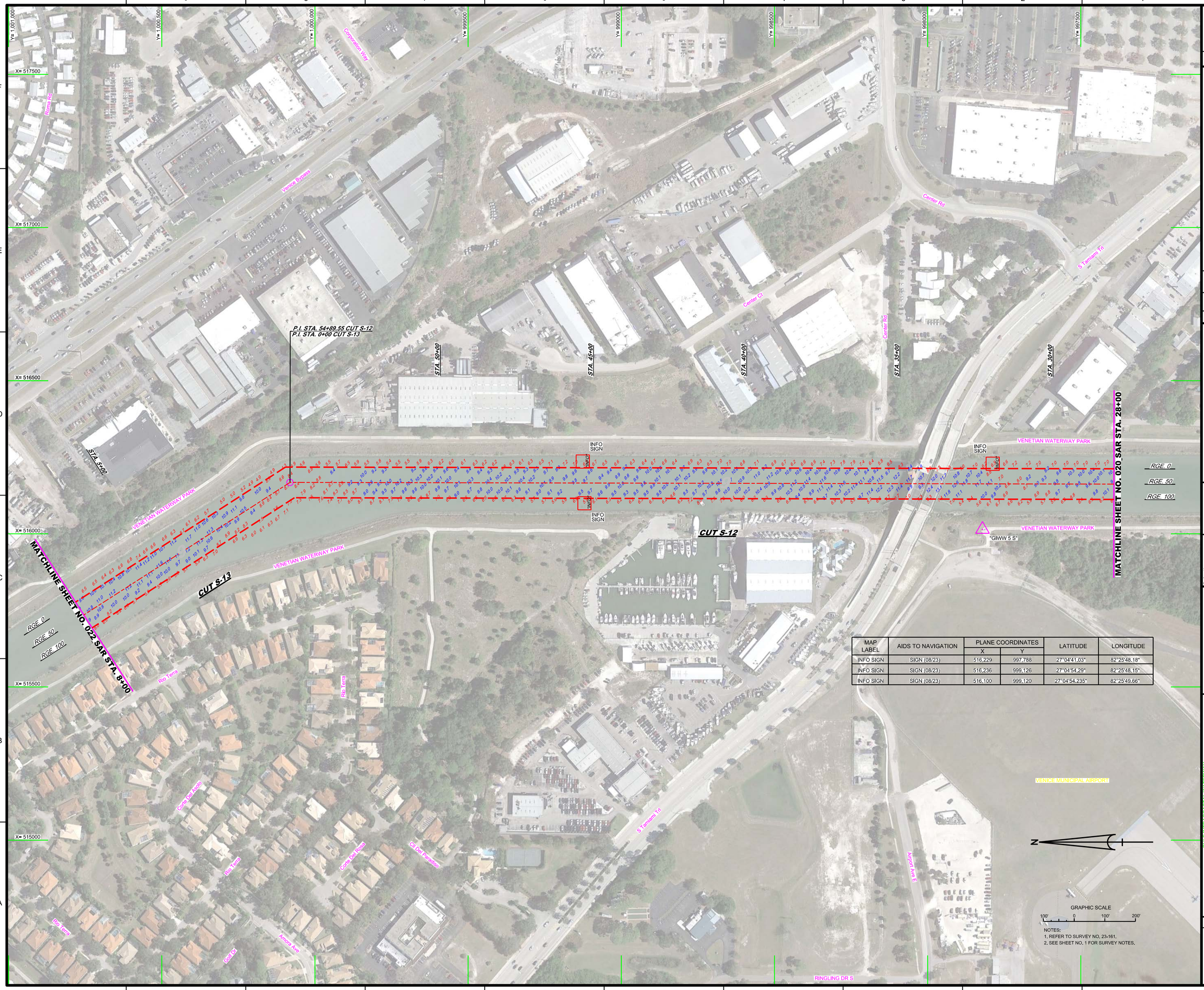


MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
INFO SIGN	SIGN (08/23)	516,229	997,788	27°04'41.03"	82°25'48.18"
INFO SIGN	SIGN (08/23)	516,236	999,126	27°04'54.29"	82°25'48.15"
INFO SIGN	SIGN (08/23)	516,100	999,120	27°04'54.235"	82°25'49.66"

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: WRM
Drawn by: WRM
Checked by: GMR
Inv. No.:
Date: AUG 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-161-VI-SGJN_S11-28.DGN
CSD_MCCF_GIWW-CAIG_REALIGNMENT.DGN
22-161-C-BS-BRDR_SA.DGN
Reference files:

22-161-PH-021_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 28+00 CUT S-12 THRU STA. 8+00 CUT S-13

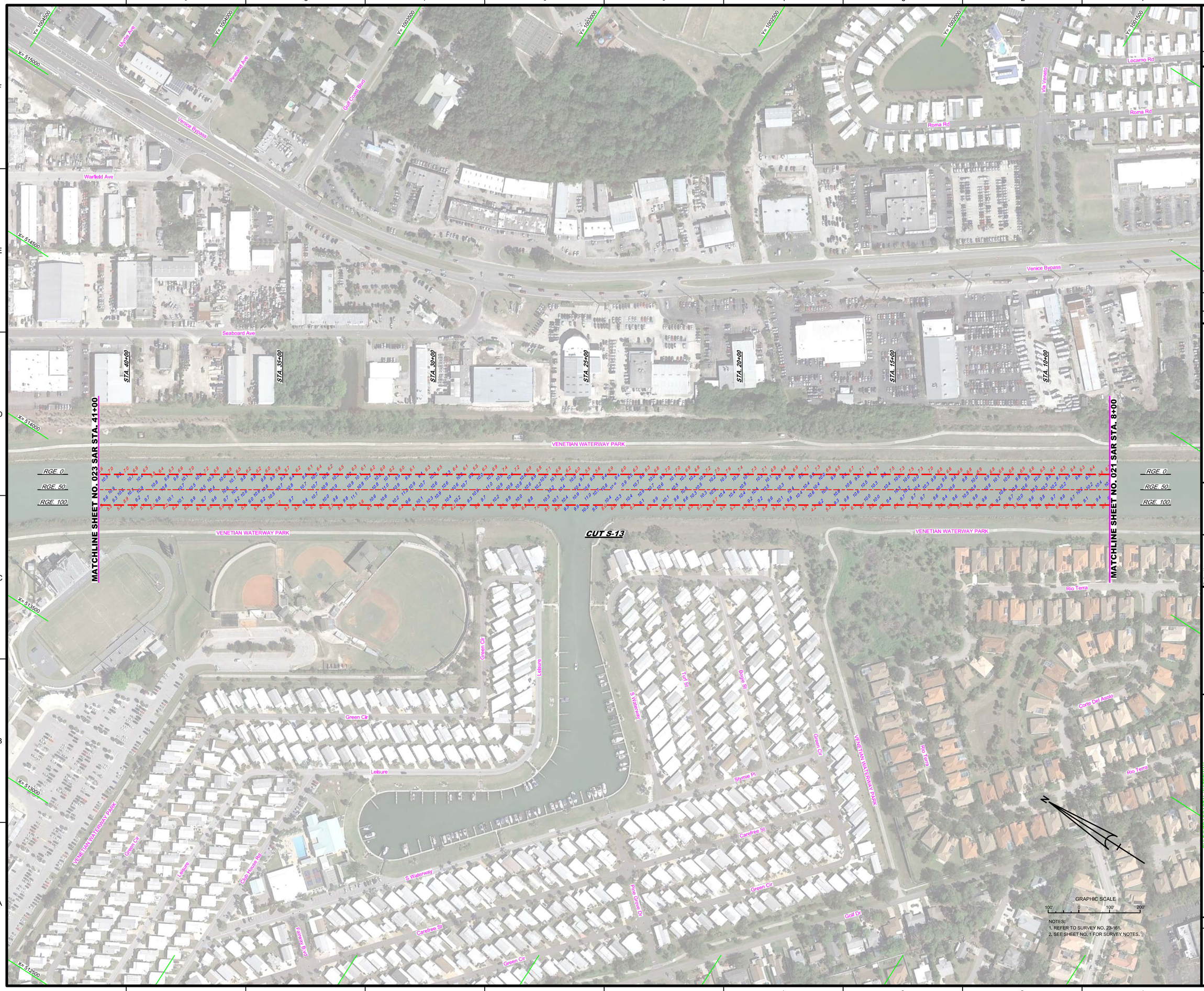
PLAN

Scale: AS SHOWN

Drawing no.

21

SHEET 21 OF 62



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

Cad by: CMR
Designed by: WRM
DWN by: WRM
Rev. No.
Date: AUG 2023

XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
23-161-A-SAR-SUN_S11-25.DGN
C3D_MICCF_GWW-C-NG_REALIGNMENT.DGN
23-161-C-BS-BRDR_SA.DGN
Reference files:
23-161-VH-022_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 8+00 THRU STA. 41+00 CUT S-13

PLAN

Scale: AS SHOWN

Drawing no.

22

SHEET 22 OF 62

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
INFO SIGN	SIGN (08/23)	512,938	1,005,426	27°05'55.57"	82°26'24.89"
INFO SIGN	SIGN (08/23)	512,798	1,005,289	27°05'55.21"	82°26'26.43"
HAZARD BUOY	HAZARD BUOY (08/23)	512,906	1,005,395	27°05'56.25"	82°26'25.24"
HAZARD BUOY	HAZARD BUOY (08/23)	512,882	1,005,451	27°05'56.81"	82°26'25.50"

P.I. STA. 10+63.14 CUT S-15A
P.I. STA. 0+00 CUT S-16

P.I. STA. 8+69.92 CUT S-15
P.I. STA. 0+00 CUT S-15A

P.I. STA. 12+05.84 CUT S-14
P.I. STA. 0+00 CUT S-15

P.I. STA. 42+04.31 CUT S-13
P.I. STA. 0+00 CUT S-14

MATCHLINE SHEET NO. 024 SAR STA. 1+00

MATCHLINE SHEET NO. 022 SAR STA. 41+00

CUT S-16 | CUT S-15A | CUT S-15 | CUT S-14 | CUT S-13

HAZARD BUOY | INFO SIGN

RGE. 0 | RGE. 50 | RGE. 100

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-161.
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

Designed by: VRM
DWN by: VRM
Ckd by: GMR
Inv. No.
Date: AUG 2023

23-161-VANN.DGN
23-161-VA-SOUN_S11-23.DGN
C3D_MCOF_GMW-C-NG_REALIGNMENT.DGN
23-161-C-BS-BRDR_SA.DGN
Reference files:
23-161-VH-023_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANGLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 41+00 CUT S-13 THRU STA. 1+00 CUT S-16

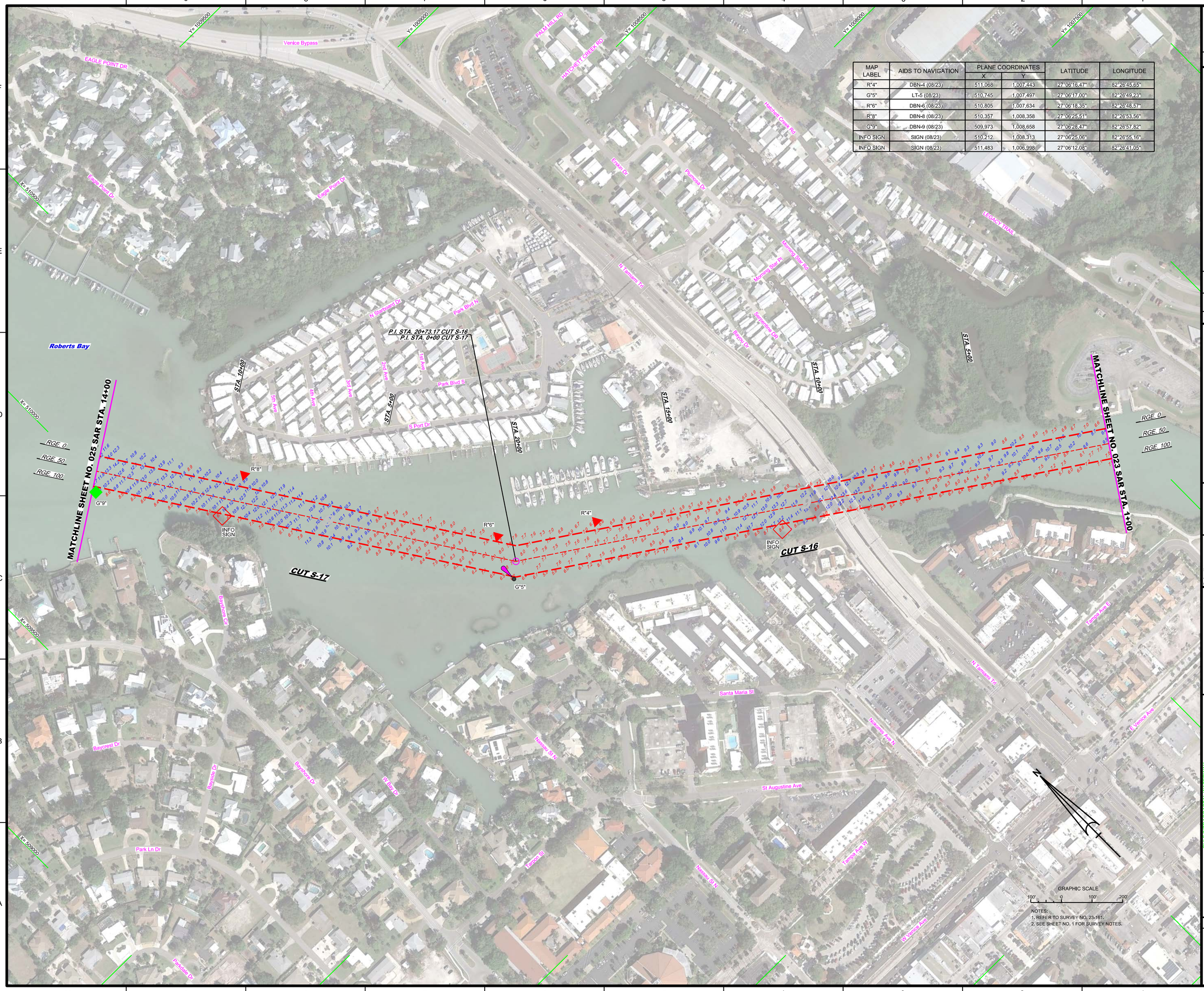
PLAN

Scale: AS SHOWN

Drawing no.
23

SHEET 23 OF 62

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"4"	DBN-4 (08/23)	511,068	1,007,443	27°06'16.47"	82°26'45.65"
G"5"	LT-5 (08/23)	510,745	1,007,497	27°06'17.00"	82°26'49.23"
R"6"	DBN-6 (08/23)	510,805	1,007,634	27°06'18.35"	82°26'48.57"
R"8"	DBN-8 (08/23)	510,357	1,008,358	27°06'25.51"	82°26'53.56"
G"9"	DBN-9 (08/23)	509,973	1,008,658	27°06'28.47"	82°26'57.82"
INFO SIGN	SIGN (08/23)	510,212	1,008,313	27°06'25.06"	82°26'55.16"
INFO SIGN	SIGN (08/23)	511,483	1,006,998	27°06'12.08"	82°26'41.05"



NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: CMR
DWN by: VIRM
CKD by: VIRM
Rev. No.
Date: AUG 2023

XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
23-161-VUSGUN_S11-28.DGN
CSD_MCCF_GRWW-CANG_REALIGNMENT.DGN
23-161-CHS-BRDR_SA.DGN
Reference files:
23-161-VHH24_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 1+00 CUT S-16 THRU STA. 14+00 CUT S-17

PLAN

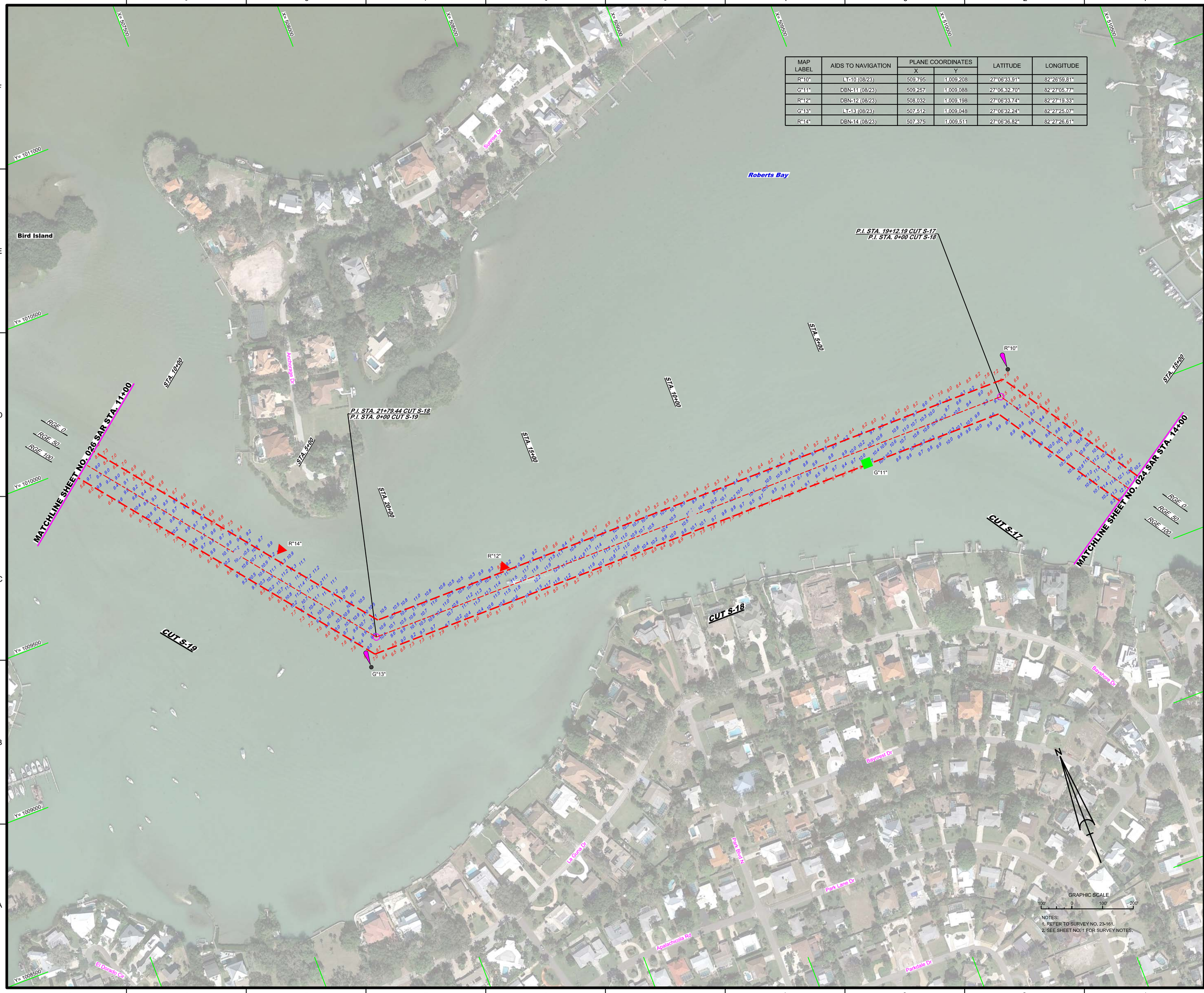
Scale: AS SHOWN

Drawing no.

24

SHEET 24 OF 62

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"10"	LT-10 (08/23)	509,795	1,009,208	27°06'33.91"	82°26'59.81"
G"11"	DBN-11 (08/23)	509,257	1,009,088	27°06'32.70"	82°27'05.77"
R"12"	DBN-12 (08/23)	508,032	1,009,198	27°06'33.74"	82°27'19.33"
G"13"	LT-13 (08/23)	507,512	1,009,048	27°06'32.24"	82°27'25.07"
R"14"	DBN-14 (08/23)	507,375	1,009,511	27°06'36.82"	82°27'26.61"



NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Cad by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
23-161-VIRM-SURVEY.DGN
23-161-VIRM-SOUN_S11-26.DGN
CSD_MCCF_GRWW-CANG_REALIGNMENT.DGN
23-161-CHS-BRDR_SA.DGN
Reference files:
23-161-VIRM-025_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 14+00 CUT S-17 THRU STA. 11+00 CUT S-19

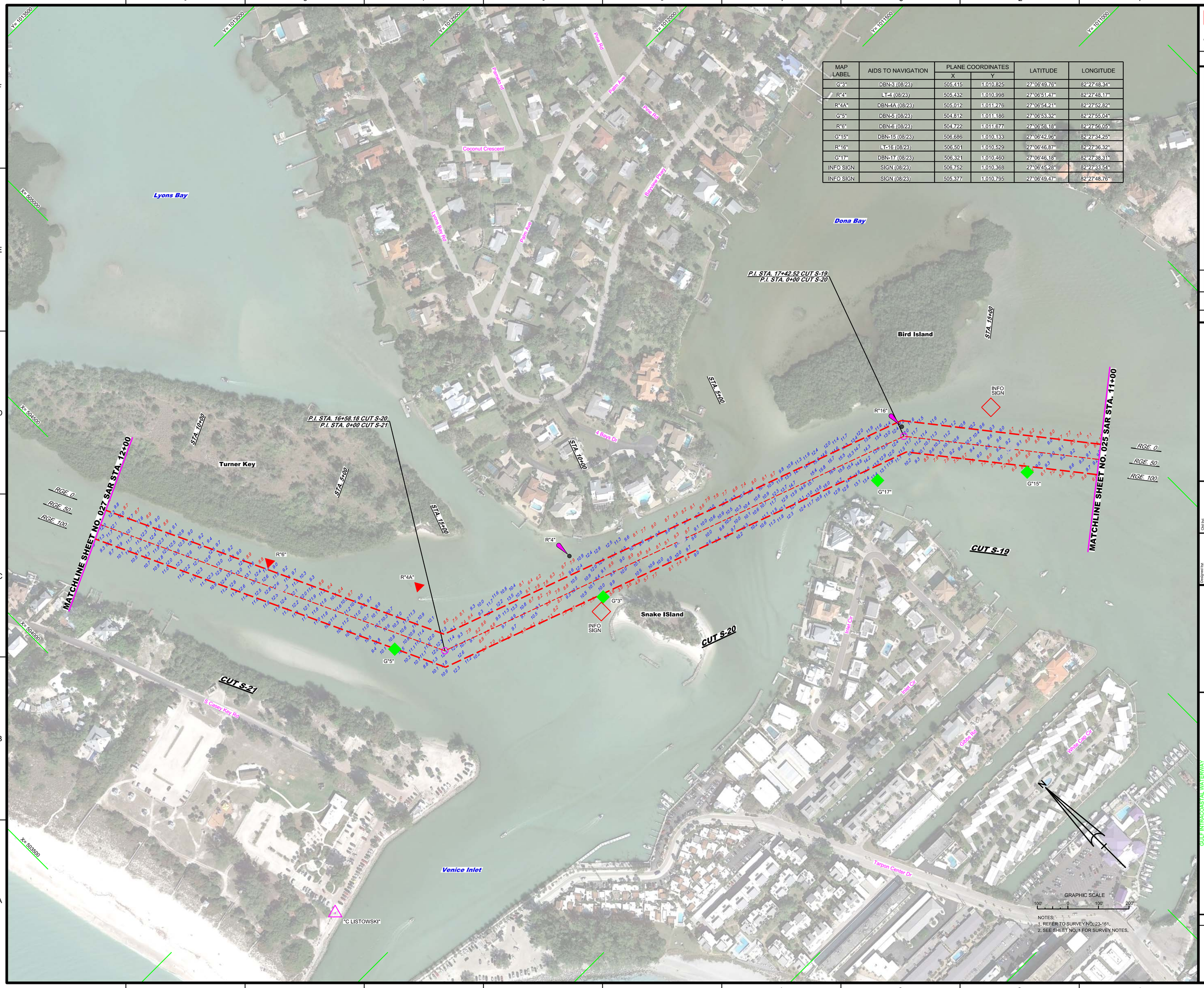
PLAN

Scale: AS SHOWN

Drawing no.

25

SHEET 25 OF 62



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"3"	DBN-3 (08/23)	505,415	1,010,825	27°06'49.76"	82°27'48.34"
R"4"	LT-4 (08/23)	505,432	1,010,998	27°06'51.47"	82°27'48.17"
R"4A"	DBN-4A (08/23)	505,012	1,011,276	27°06'54.21"	82°27'52.82"
G"5"	DBN-5 (08/23)	504,812	1,011,186	27°06'53.32"	82°27'55.04"
R"6"	DBN-6 (08/23)	504,722	1,011,677	27°06'58.18"	82°27'56.05"
G"15"	DBN-15 (08/23)	506,686	1,010,133	27°06'42.96"	82°27'34.25"
R"16"	LT-16 (08/23)	506,501	1,010,529	27°06'46.87"	82°27'36.32"
G"17"	DBN-17 (08/23)	506,321	1,010,460	27°06'46.18"	82°27'38.31"
INFO SIGN	SIGN (08/23)	506,752	1,010,368	27°06'45.28"	82°27'33.54"
INFO SIGN	SIGN (08/23)	505,377	1,010,795	27°06'49.47"	82°27'48.76"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: VIRM
DWN by: VIRM
Chk by: CMR
Rev. No.
Date: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
23-161-NAVSUM_S11-20.DGN
CSD_MCCF_GRWW-CANG_REALIGNMENT.DGN
23-161-CHS-BRDR_SA.DGN
Reference files:
23-161-VH-H026_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 11+00 CUT S-19 THRU STA. 12+00 CUT S-21

PLAN

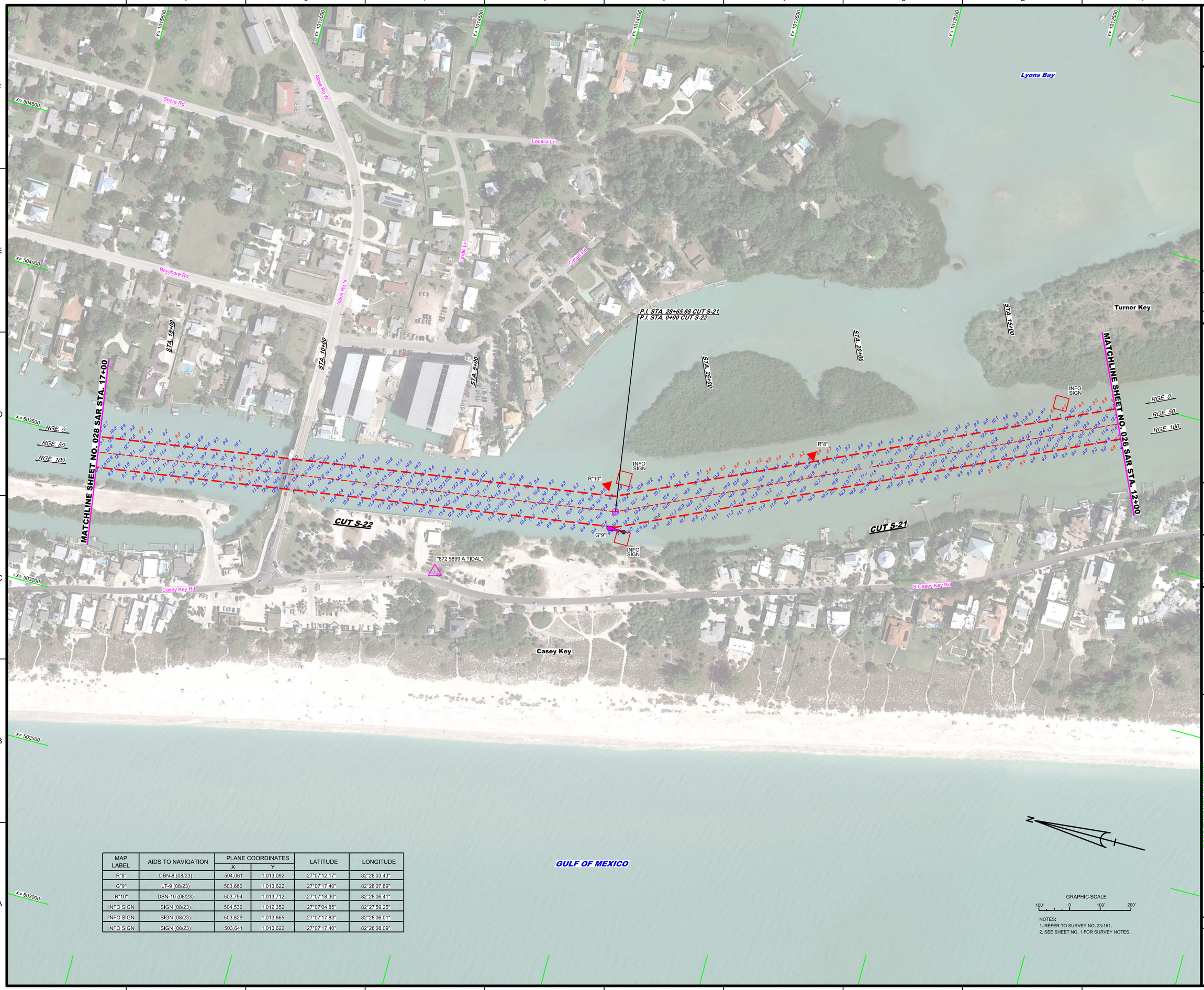
Scale: AS SHOWN

Drawing no.

26

SHEET 26 OF 62

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"8"	DBN-8 (08/23)	504,061	1,013,092	27°07'12.17"	82°28'03.43"
G"9"	LT-9 (08/23)	503,660	1,013,622	27°07'17.40"	82°28'07.89"
R"10"	DBN-10 (08/23)	503,794	1,013,712	27°07'18.30"	82°28'06.41"
INFO SIGN	SIGN (08/23)	504,536	1,012,352	27°07'04.85"	82°27'59.25"
INFO SIGN	SIGN (08/23)	503,829	1,013,665	27°07'17.83"	82°28'06.01"
INFO SIGN	SIGN (08/23)	503,641	1,013,622	27°07'17.40"	82°28'08.09"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: VRM
DWN by: VRM
CKD by: GMR
Rev. No.
Dated: AUG 2023

23-161-1A-MAN.DGN
23-161-1A-SCUN_S11-26.DGN
CID_MCCF_GWW-CANG_REALIGNMENT.DGN
23-161-C-BS-BRDR_SA.DGN
Reference files
23-161-VH-H27_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 12+00 CUT S-21 THRU STA. 17+00 CUT S-22

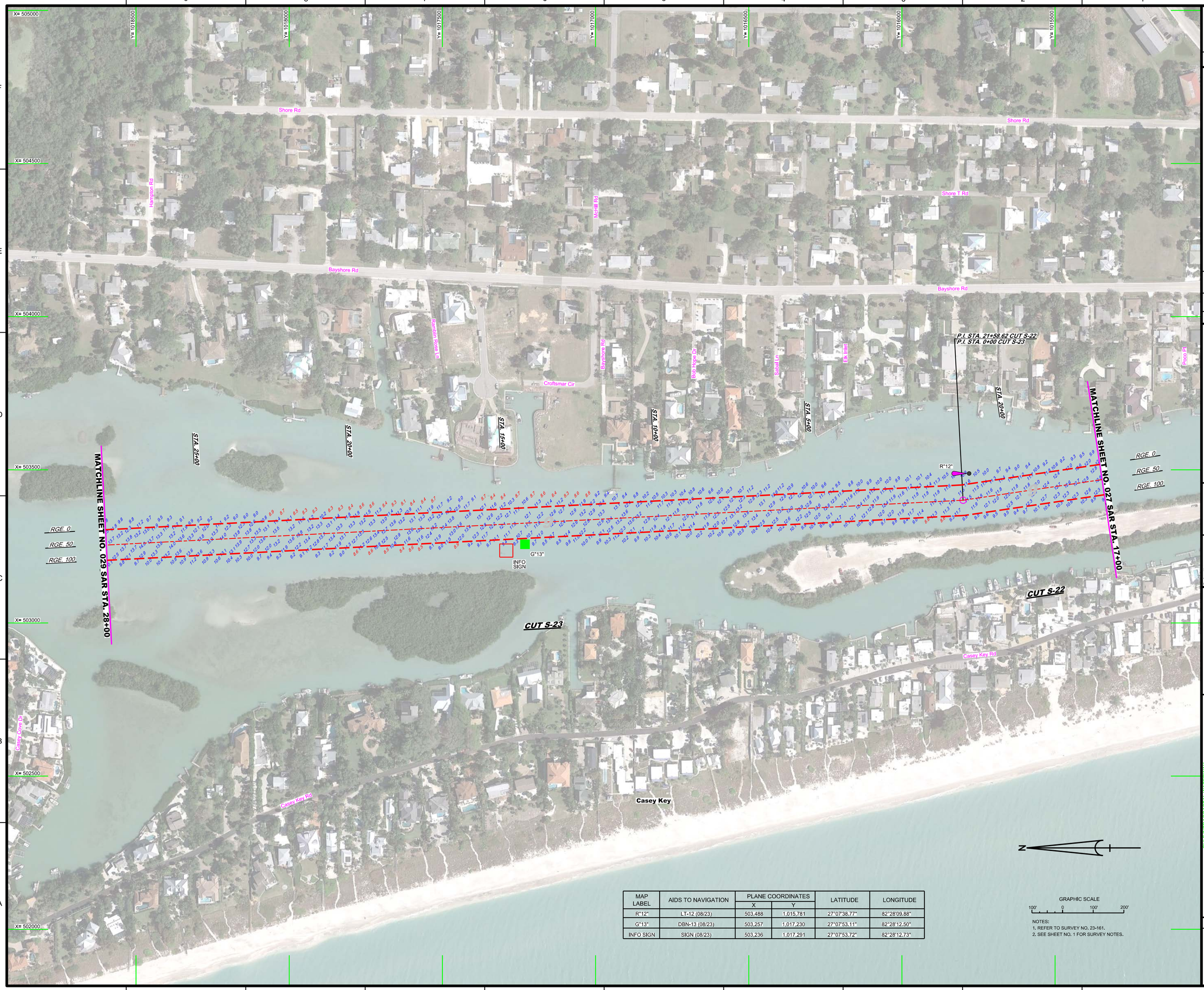
PLAN

Scale: AS SHOWN

Drawing no.

27

SHEET 27 OF 62



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"12"	LT-12 (08/23)	503,488	1,015,781	27°07'38.77"	82°28'09.88"
G"13"	DBN-13 (08/23)	503,257	1,017,230	27°07'53.11"	82°28'12.50"
INFO SIGN	SIGN (08/23)	503,236	1,017,291	27°07'53.72"	82°28'12.73"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No. Symbol Zone

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

Chkd by: GMR
Designed by: WRM
DWN by: WRM
Proj. No.
Date: AUG 2023

XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
23-161A-SD\UI_S11-23.DGN
CSD_MCCF_GRWV-C-NG_REALIGNMENT.DGN
23-161C-BS-BRDR_SA.DGN
Reference files
23-161-HH-029_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 17+00 CUT S-22 THRU STA. 28+00 CUT S-23

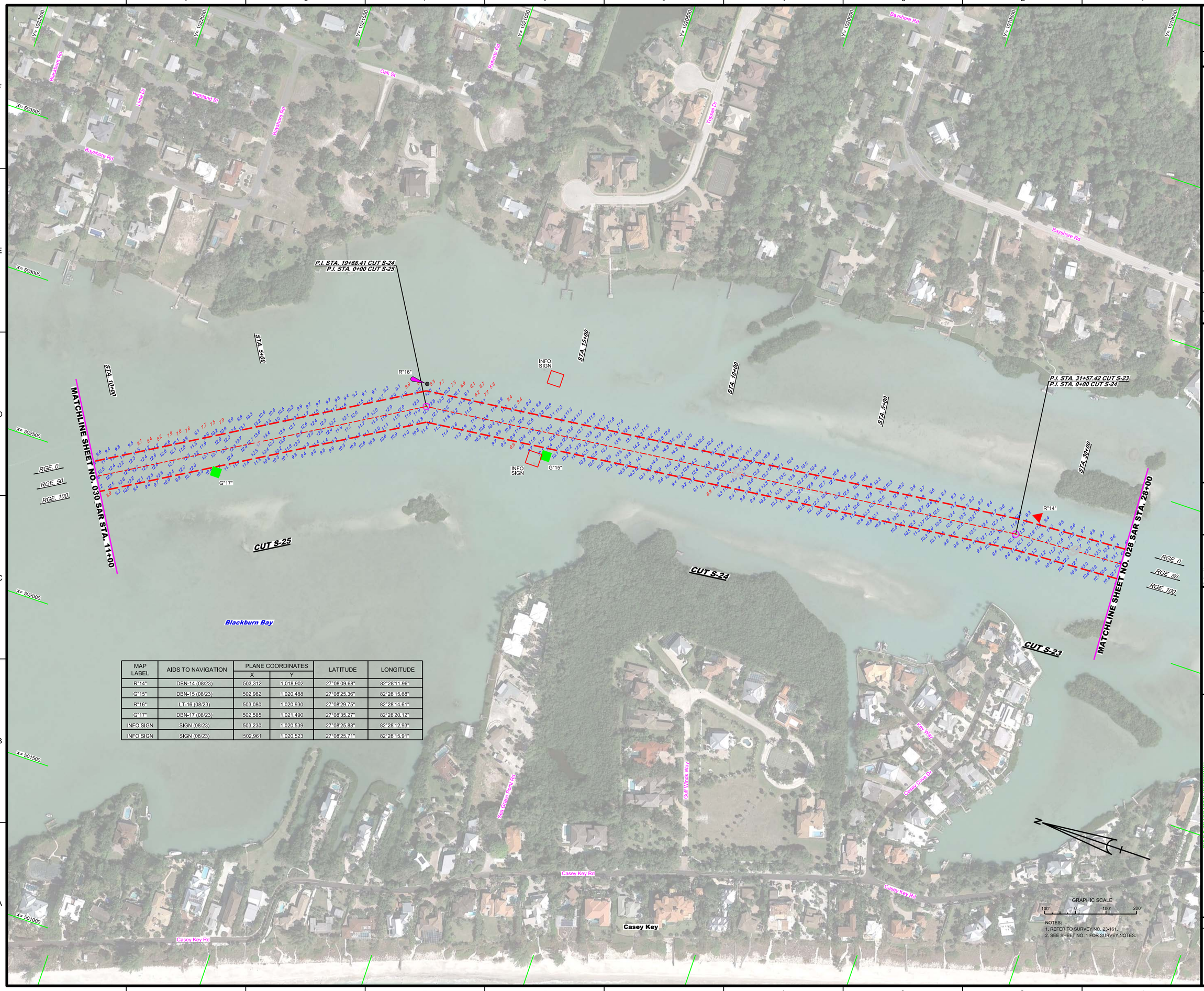
PLAN

Scale: AS SHOWN

Drawing no.

28

SHEET 28 OF 62



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"14"	DBN-14 (08/23)	503,312	1,018,902	27°08'09.68"	82°28'11.96"
G"15"	DBN-15 (08/23)	502,982	1,020,488	27°08'25.36"	82°28'15.68"
R"16"	LT-16 (08/23)	503,080	1,020,930	27°08'29.75"	82°28'14.61"
G"17"	DBN-17 (08/23)	502,585	1,021,490	27°08'35.27"	82°28'20.12"
INFO SIGN	SIGN (08/23)	503,230	1,020,539	27°08'25.88"	82°28'12.93"
INFO SIGN	SIGN (08/23)	502,961	1,020,523	27°08'25.71"	82°28'15.91"

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Cad by: CMB
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: AUG 2023

XXXXXXXXXX-XXXXXXX.DGN
23-161-VHXXXXX.DGN
23-161-VHSUN_S11-28.DGN
CSD_MCCF_GRWH-CANG_REALIGNMENT.DGN
23-161-CeSE-BRDR_SA.DGN
Reference files:
23-161-VH-D29_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 28+00 CUT S-23 THRU STA. 11+00 CUT S-25

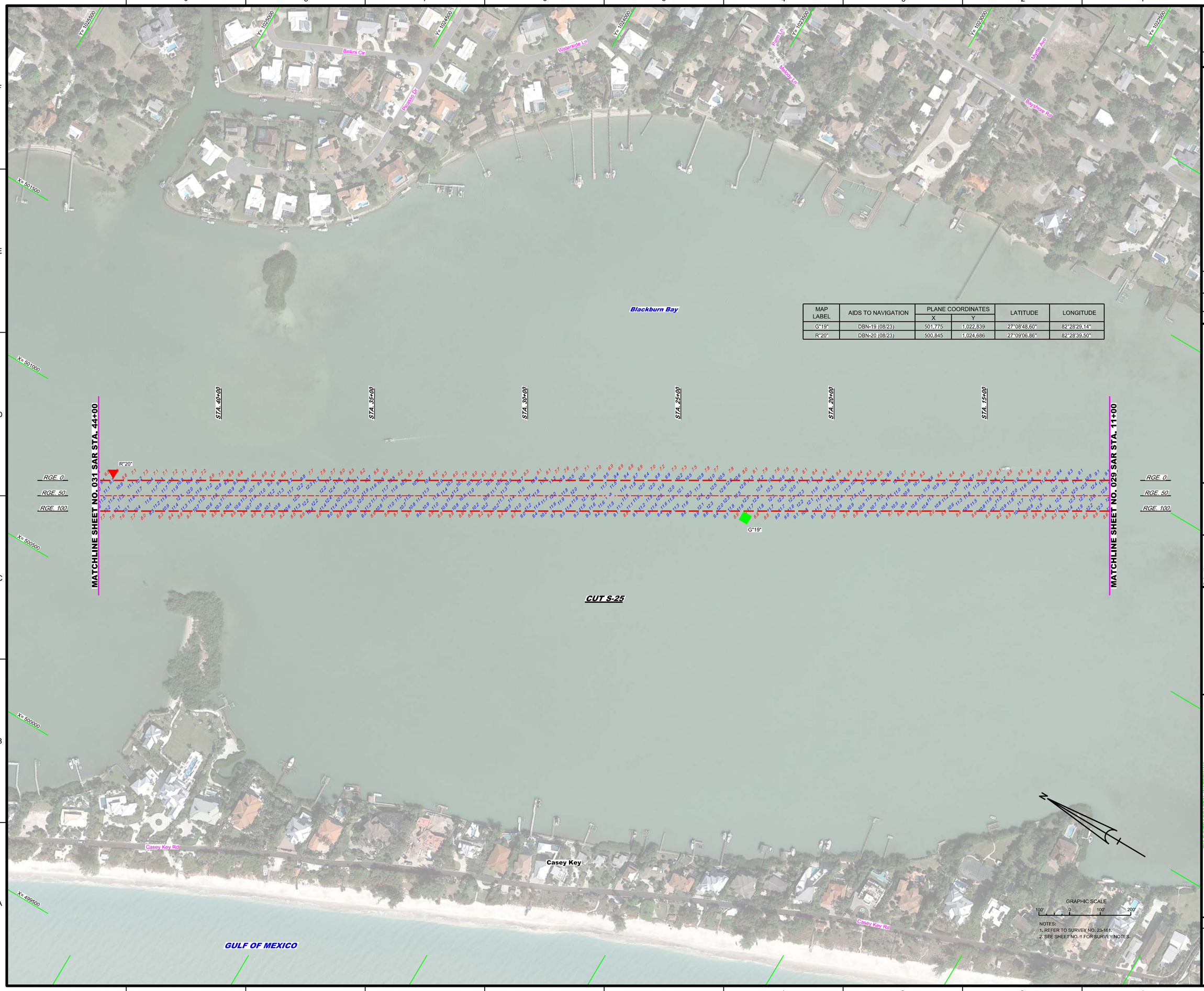
PLAN

Scale: AS SHOWN

Drawing no.

29

SHEET 29 OF 62



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"19"	DBN-19 (08/23)	501,775	1,022,839	27°08'48.60"	82°28'29.14"
R"20"	DBN-20 (08/23)	500,845	1,024,686	27°09'06.86"	82°28'39.50"

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Inv. No.
Date: AUG 2023

XXXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
23-161-VA-SOUN_01.DGN
23-161-VA-SOUN_S1-25.DGN
C3D_MICCF_GMW-C-NG_REALIGNMENT.DGN
23-161-CA-BS-BRDR_SA.DGN
Reference files:
23-161-VH-030_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 11+00 THRU STA. 44+00 CUT S-25

PLAN

Scale: AS SHOWN

Drawing no.

30

SHEET 30 OF 62

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"21"	DBN-21 (08/23)	499,698	1,026,323	27°09'23.03"	82°28'52.27"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Inv. No.
Date: AUG 2023

XXXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
23-161-VA-SARDGN
23-161-VA-SRUN_S1-25.DGN
C3D_MICCF_GMWH-C-NG_REALIGNMENT.DGN
23-161-CABS-BRDR_SA.DGN
Reference files:
23-161-VH-031_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 44+00 THRU STA. 77+00 CUT S-25

PLAN

Scale: AS SHOWN

Drawing no.

31

SHEET 31 OF 62

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"22"	DBN-22 (08/23)	498,918	1,027,931	27°09'38.92"	82°29'00.98"
G"23"	LT-23 (08/23)	498,774	1,027,890	27°09'38.51"	82°29'02.57"
G"25"	DBN-25 (08/23)	498,331	1,028,999	27°09'49.48"	82°29'07.52"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Cad by: CMR
Designed by: WRM
DWN by: WRM
Rev. No.
Date: AUG 2023

XXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
23-161-XX-XXXXXX.DGN
23-161-SUR-SUN_S1-26.DGN
CSD_MICCF_GRWH-CAKG_REALIGNMENT.DGN
23-161-CAES-BRDR_SAR.DGN
Reference files
23-161-VH-032_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 77+00 CUT S-25 THRU STA. 28+00 CUT S-26

PLAN

Scale: AS SHOWN

Drawing no.

32

SHEET 32 OF 62

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"27"	DBN-27 (08/23)	497,663	1,030,821	27°10'07.49"	82°29'14.99"
R"28"	LT-28 (08/23)	497,704	1,031,143	27°10'10.68"	82°29'14.56"
G"29"	DBN-29 (08/23)	497,409	1,031,341	27°10'12.64"	82°29'17.83"
G"29A"	DBN-29A (08/23)	496,770	1,032,137	27°10'20.49"	82°29'24.94"
R"30"	DBN-30 (08/23)	496,330	1,032,978	27°10'28.81"	82°29'29.85"
INFO SIGN	SIGN (08/23)	497,560	1,031,440	27°10'13.62"	82°29'16.16"
INFO SIGN	SIGN (08/23)	496,772	1,032,476	27°10'23.85"	82°29'24.93"

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Chief by: CMB
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
23-161-VHSQUN_S11-28.DGN
CSD_MCCF_GRWH-CANG_REALIGNMENT.DGN
23-161-CE-SBRDR_SAL.DGN
Reference files:
23-161-VHO33_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

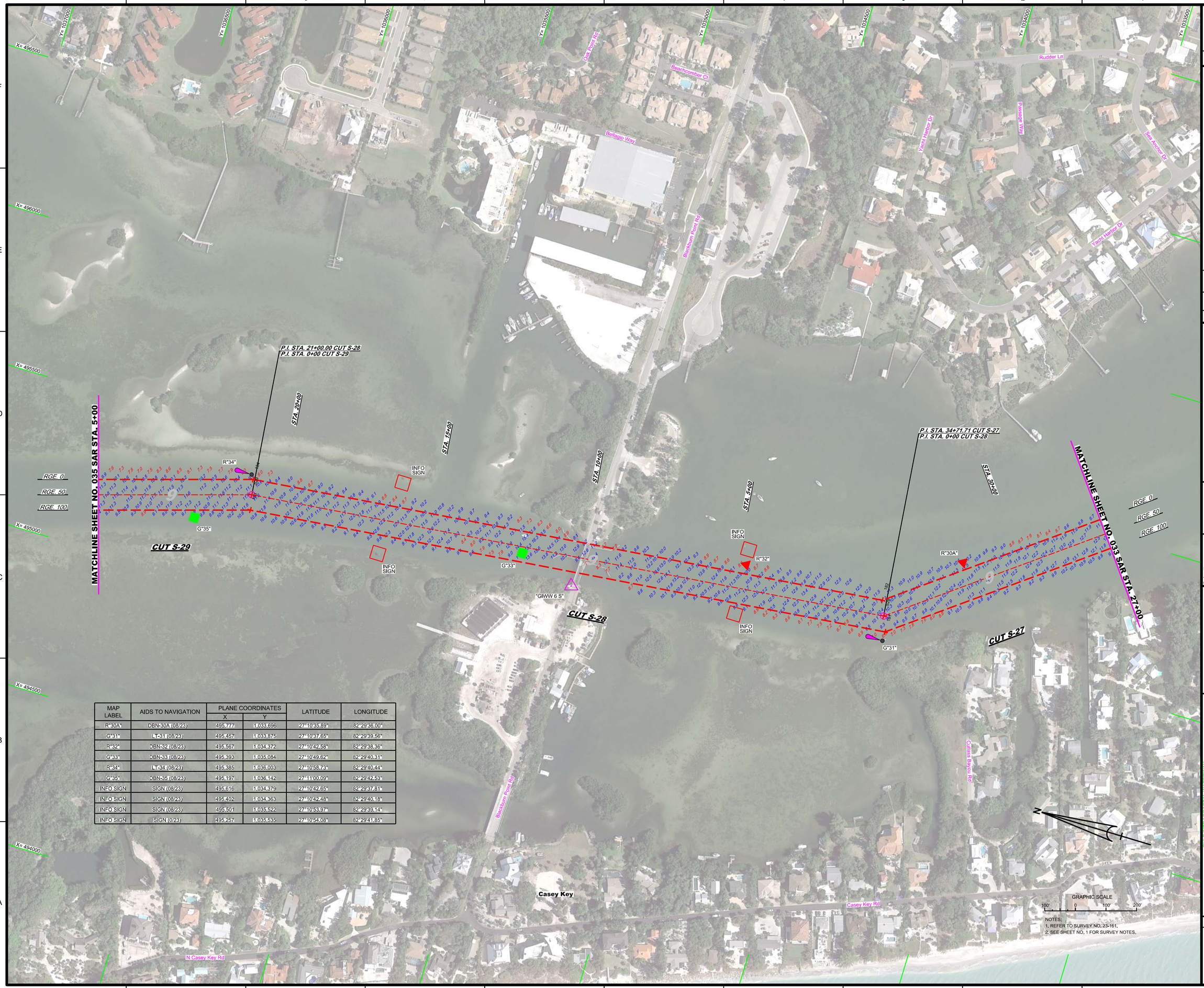
STA. 28+00 CUT S-26 THRU STA. 27+00 CUT S-27

PLAN

Scale: AS SHOWN

Drawing no.
33

SHEET 33 OF 62



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"30A"	DBN-30A (08/23)	495,777	1,033,696	27°10'35.89"	82°29'36.00"
G"31"	LT-31 (08/23)	495,457	1,033,875	27°10'37.65"	82°29'39.56"
R"32"	DBN-32 (08/23)	495,567	1,034,372	27°10'42.58"	82°29'38.36"
G"33"	DBN-33 (08/23)	495,393	1,035,084	27°10'49.62"	82°29'40.31"
R"34"	LT-34 (08/23)	495,385	1,036,003	27°10'58.73"	82°29'40.44"
G"35"	DBN-35 (08/23)	495,197	1,036,142	27°11'00.09"	82°29'42.53"
INFO SIGN	SIGN (08/23)	495,616	1,034,379	27°10'42.65"	82°29'37.81"
INFO SIGN	SIGN (08/23)	495,402	1,034,363	27°10'42.48"	82°29'40.18"
INFO SIGN	SIGN (08/23)	495,501	1,035,522	27°10'53.97"	82°29'39.14"
INFO SIGN	SIGN (0/23)	495,257	1,035,535	27°10'54.08"	82°29'41.85"

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: MRM
DWN by: MRM
Ckd by: GMR
Proj. No.:
Date: AUG 2023

23-161-AHM.DGN
23-161-A-SOUN_S11-23.DGN
23-161-A-SOUN_S28-34B.DGN
23-161-CP-SHW-SAR-ALIGNMENT.DGN
Reference files:
23-161-AHH3A_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9+FOOT PROJECT
STA. 27+00 CUT S-27 THRU STA. 5+00 CUT S-29

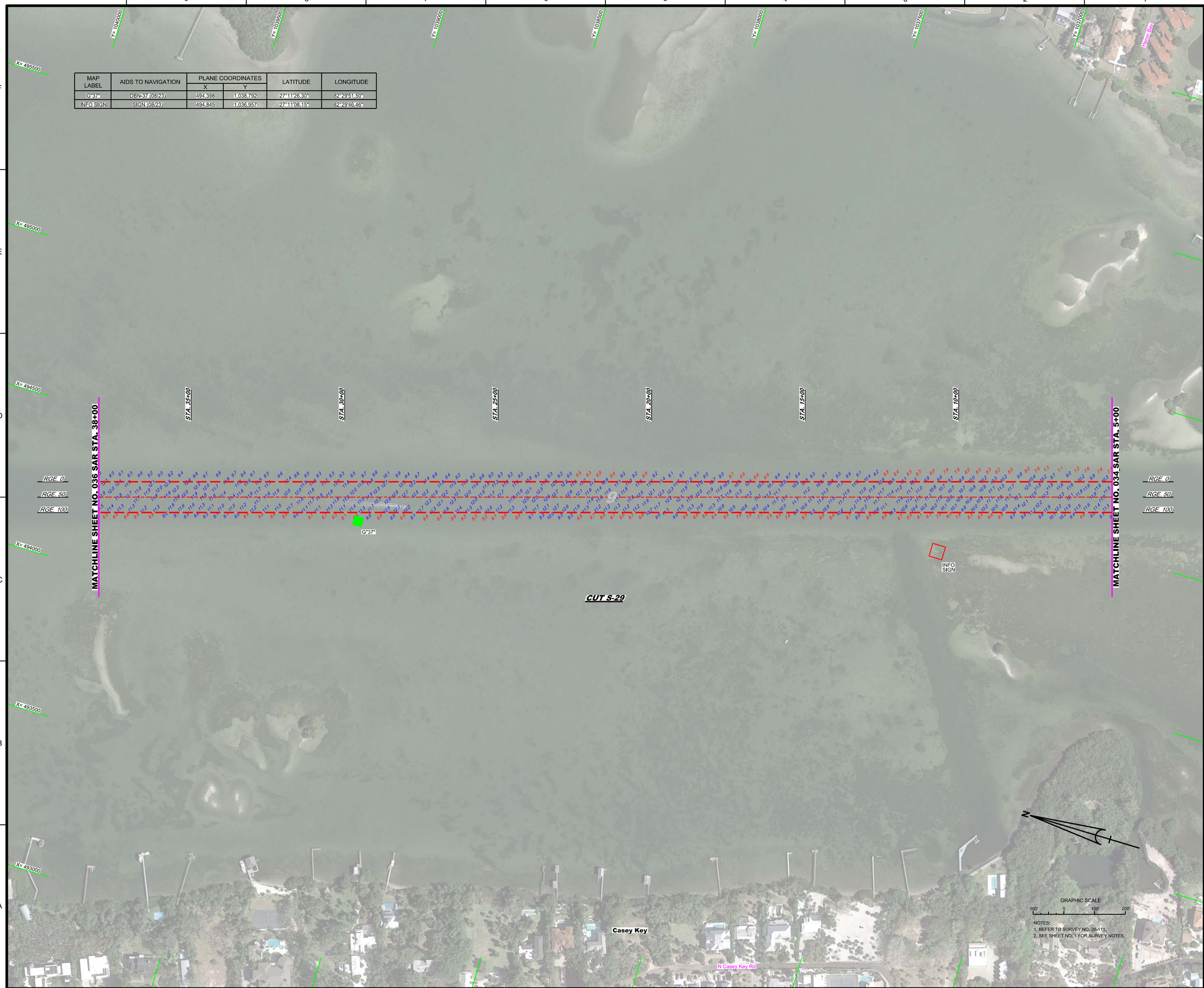
PLAN

Scale: AS SHOWN

Drawing no.
34

SHEET 34 OF 62

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"37"	DBN-37 (08/23)	494,398	1,038,792	27°11'26.30"	82°29'51.50"
INFO SIGN	SIGN (08/23)	494,845	1,036,957	27°11'08.15"	82°29'46.46"



NOTES:
1. REFER TO SURVEY NO. 20-111.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: VIRM
DWN by: VIRM
Chd by: CMR
Rev. No.
Date: AUG 2023

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
23-111-XXSUN_XXXX.DGN
23-111-VXSUN_S29-34B.DGN
CSD_MCCF_GWW-CANG_REALIGNMENT.DGN
23-111-CxS29-BRDR_SA.DGN
Reference files:
20-111-VH035_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

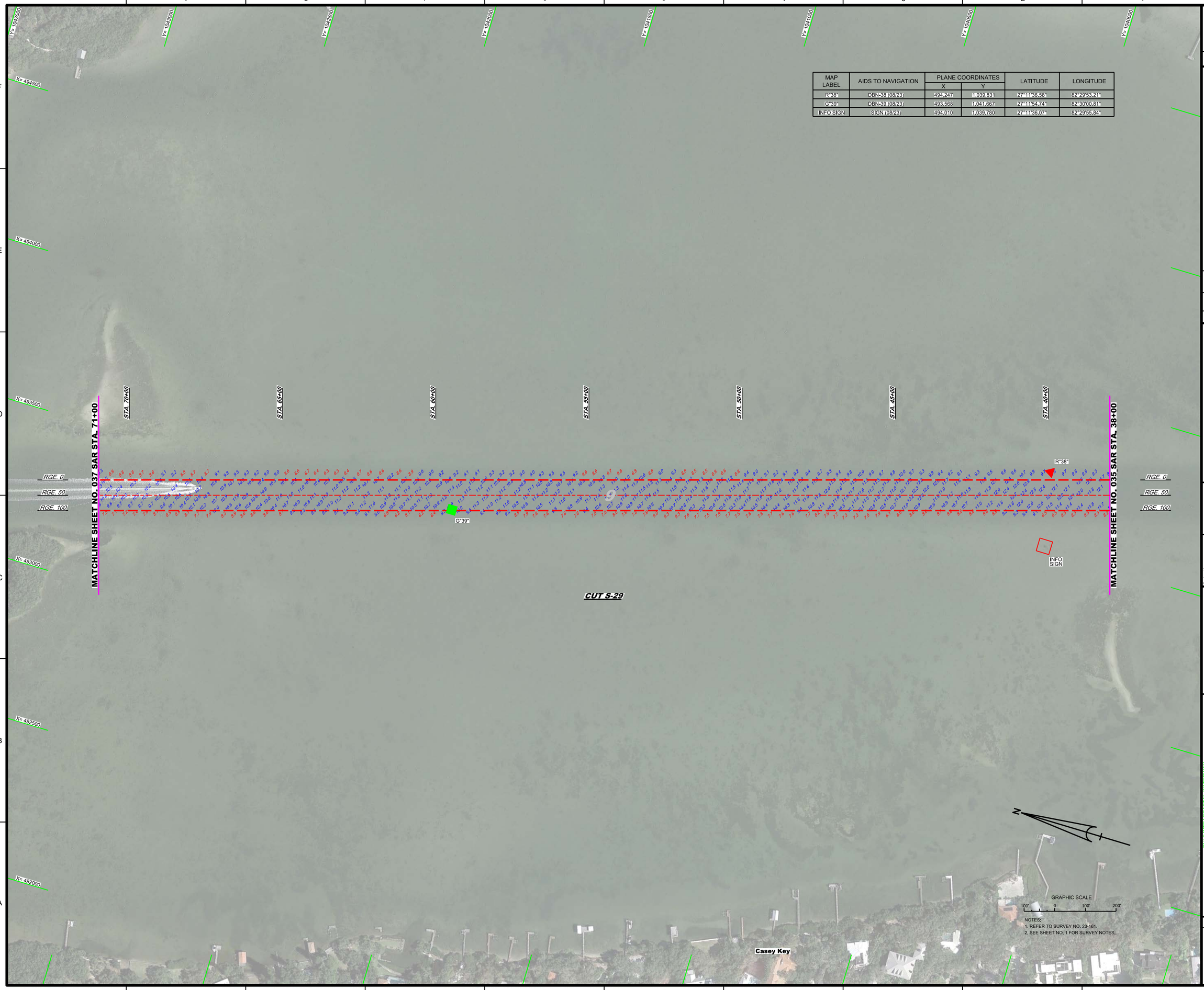
STA. 5+00 THRU STA. 38+00 CUT S-29

PLAN

Scale: AS SHOWN

Drawing no.
35

SHEET 35 OF 62



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"38"	DBN-38 (08/23)	494,247	1,039,831	27°11'36.58"	82°29'53.21"
G"39"	DBN-39 (08/23)	493,568	1,041,667	27°11'54.74"	82°30'00.81"
INFO SIGN	SIGN (08/23)	494,010	1,039,780	27°11'36.07"	82°29'55.84"

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: VRM
DWN by: VRM
Ckd by: GMR
Trv. No.
Date: AUG 2023

XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
23-161A-SIGN_S29-348.DGN
C3D_MCCF_GRWW-CAG_REALIGNMENT.DGN
22-161-01-ABS-BRGR_SA.DGN
Reference files:
22-161-H-036_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 38+00 THRU STA. 71+00 CUT S-29

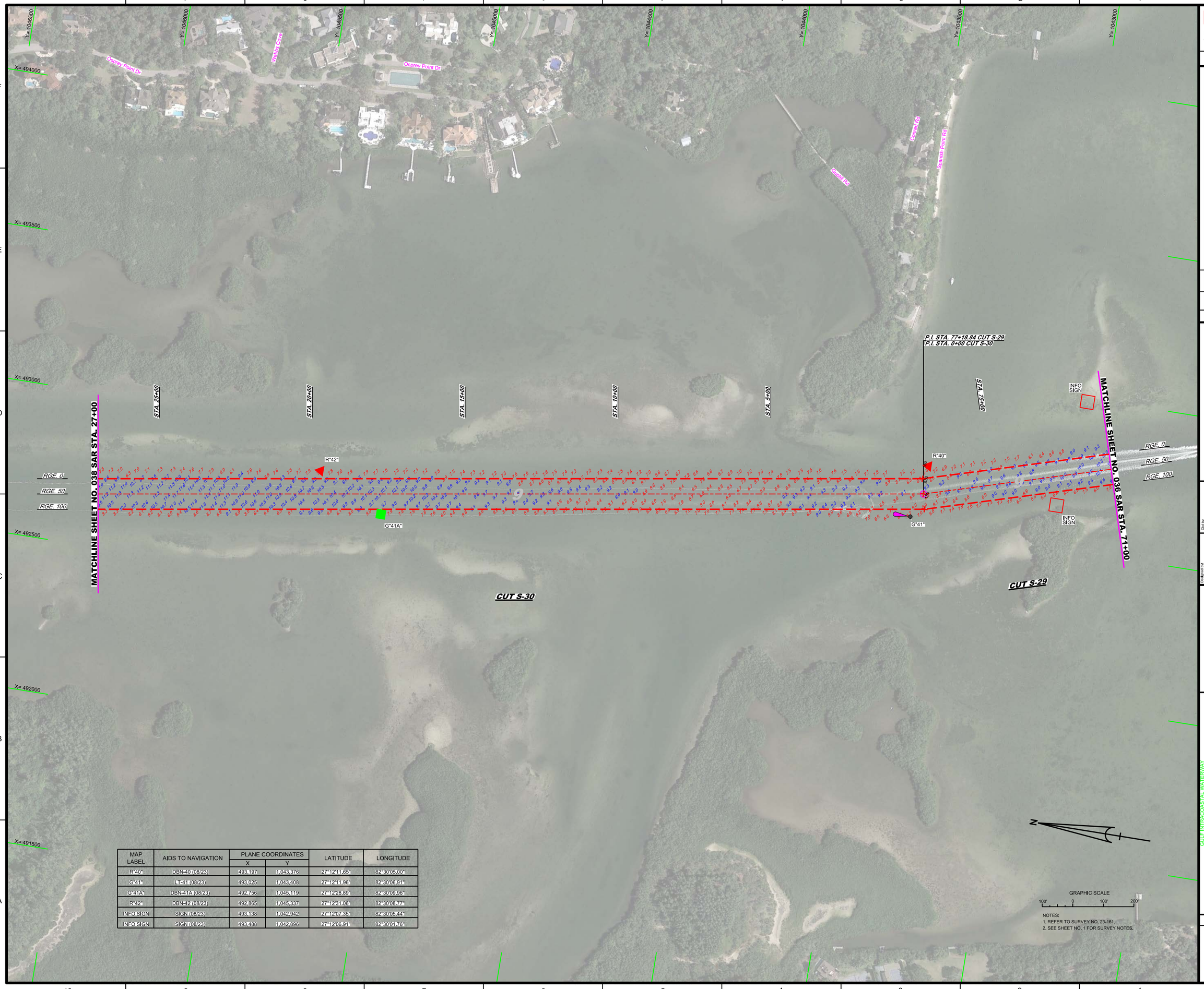
PLAN

Scale: AS SHOWN

Drawing no.

36

SHEET 36 OF 62



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"40"	DBN-40 (08/23)	493,197	1,043,376	27°12'11.65"	82°30'05.00"
G"41"	LT-41 (08/23)	493,025	1,043,408	27°12'11.96"	82°30'06.91"
G"41A"	DBN-41A (08/23)	492,755	1,045,119	27°12'28.89"	82°30'09.96"
R"42"	DBN-42 (08/23)	492,865	1,045,337	27°12'31.06"	82°30'08.77"
INFO SIGN	SIGN (08/23)	493,138	1,042,942	27°12'07.35"	82°30'05.44"
INFO SIGN	SIGN (08/23)	493,488	1,042,896	27°12'06.91"	82°30'01.76"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Cost by: GMR
Designed by: VRSM
Drawn by: VRSM
Rev. No.
Date: AUG 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-161-VHA037_SAR.DGN
23-161-VHA037_SAR.DGN
GMW-CADMCF_V3.DGN
23-161-4-83-BHDR_SA.DGN
Reference files:
23-161-VHA037_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 71+00 CUT S-29 THRU STA. 27+00 CUT S-30

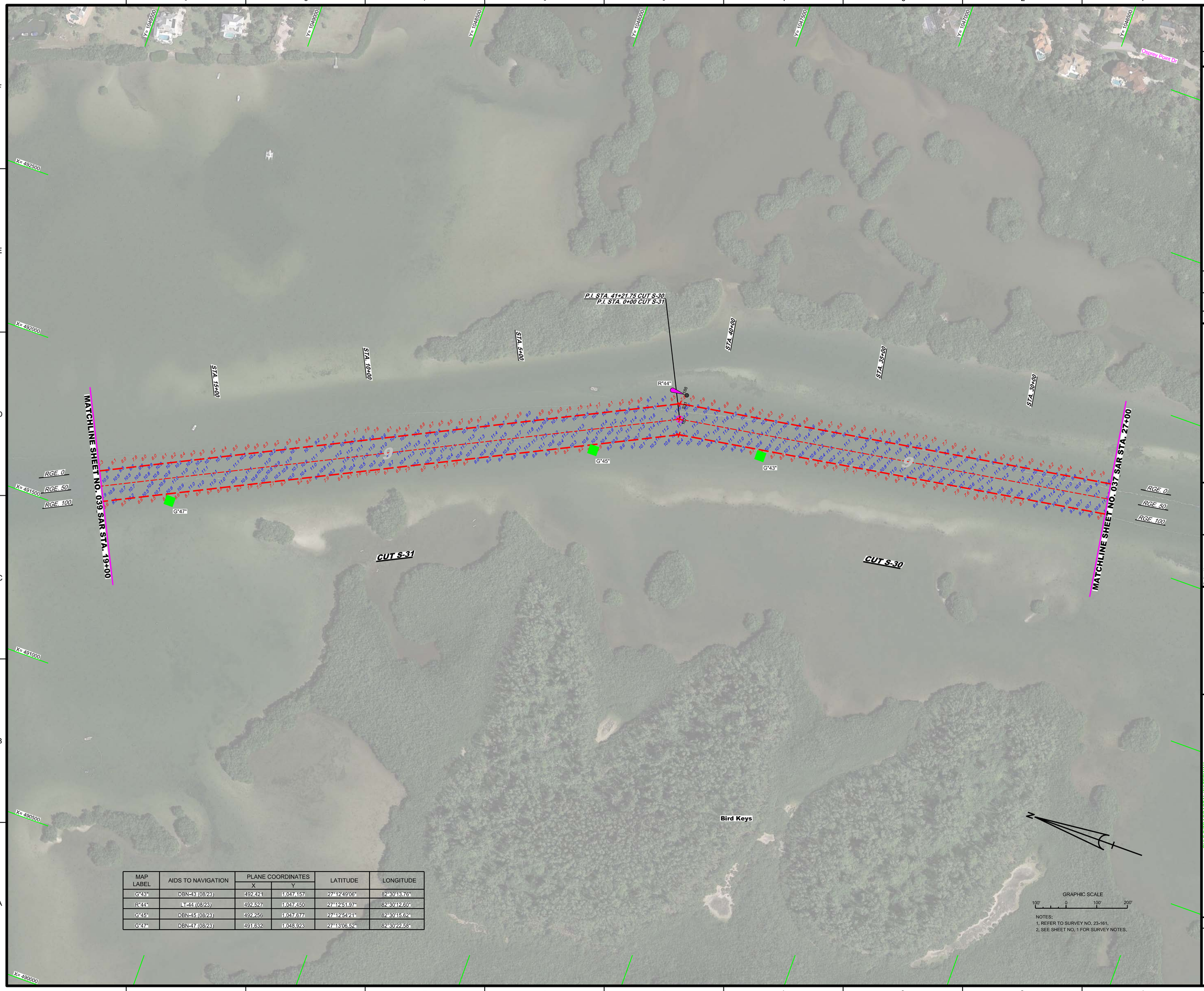
PLAN

Scale: AS SHOWN

Drawing no.

37

SHEET 37 OF 62



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"43"	DBN-43 (08/23)	492,421	1,047,157	27°12'49.06"	82°30'13.76"
R"44"	LT-44 (08/23)	492,527	1,047,450	27°12'51.97"	82°30'12.60"
G"45"	DBN-45 (08/23)	492,256	1,047,677	27°12'54.21"	82°30'15.62"
G"47"	DBN-47 (08/23)	491,632	1,048,923	27°13'06.52"	82°30'22.58"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-161.
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

Designed by: VIRM
DWN by: VIRM
Chk by: CMR
Rev. No.
Date: AUG 2023

XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
23-161-XXXXXXX.DGN
23-161-NASUN_S26-34B.DGN
CSD_MCCF_GWW-CANG_REALIGNMENT.DGN
23-161-CSES-BRDR_SAD.DGN
Reference files:
23-161-VH-039_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 27+00 CUT S-30 THRU STA. 19+00 CUT S-31

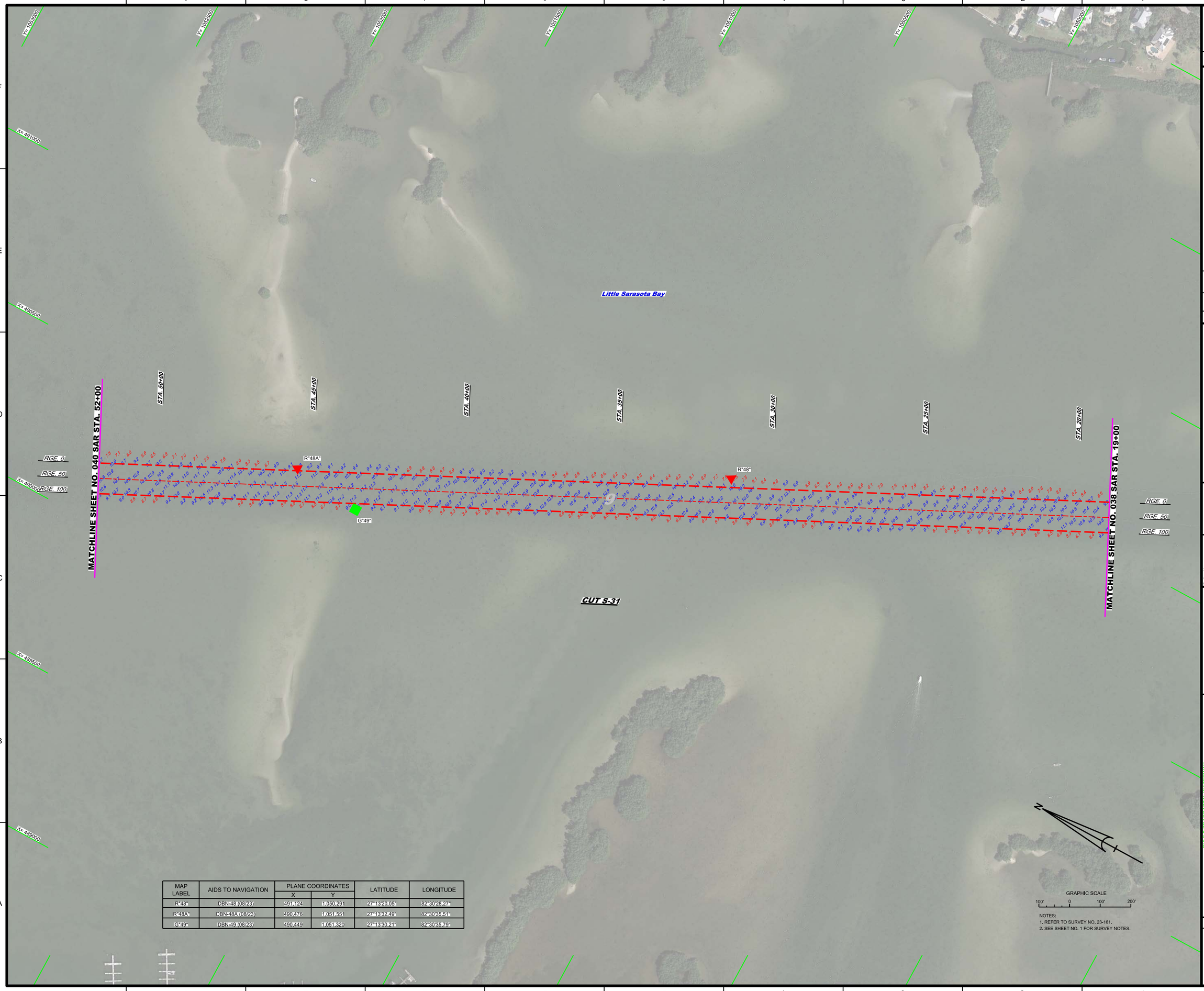
PLAN

Scale: AS SHOWN

Drawing no.

38

SHEET 38 OF 62



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"48"	DBN-48 (08/23)	491,124	1,050,291	27°13'20.05"	82°30'28.27"
R"48A"	DBN-48A (08/23)	490,476	1,051,551	27°13'32.49"	82°30'35.51"
G"49"	DBN-49 (08/23)	490,449	1,051,320	27°13'30.21"	82°30'35.79"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: VIRM
DWN by: VIRM
CKD by: GMR
Inv. No.
Date: AUG 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-161-SAR_XXXX.DGN
23-161-SOUN_S29-34B.DGN
C3D_MCCF_GMW-C-NC_REALIGNMENT.DGN
22-161-C4B-BRDR_SA.DGN
Reference files:
22-161-VH-039_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 19+00 THRU STA. 52+00 CUT S-31

PLAN

Scale: AS SHOWN

Drawing no.

39

SHEET 39 OF 62

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"48B"	DBN-48B (08/23)	489,771	1,052,978	27°13'46.60"	82°30'43.37"
G"49A"	DBN-49A (08/23)	489,557	1,053,130	27°13'48.10"	82°30'45.75"
R"50"	DBN-50 (08/23)	489,121	1,054,212	27°13'58.79"	82°30'50.64"

NOTES:
1. REFER TO SURVEY NO. 23-161.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: VIRM
DWN by: VIRM
Chk by: CMR
Rev. No.
Date: AUG 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
23-161-XXXXXXX.DGN
23-161-HASQUN_S28-34B.DGN
CSD_MCCF_GWW-CANG_REALIGNMENT.DGN
23-161-CESEBRDR_SA.DGN
Reference files:
23-161-VH-040_SAR.DGN
File name:

GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
SARASOTA COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 52+00 CUT S-31 THRU STA. 19+00 CUT S-32

PLAN

Scale: AS SHOWN

Drawing no.

40

SHEET 40 OF 62