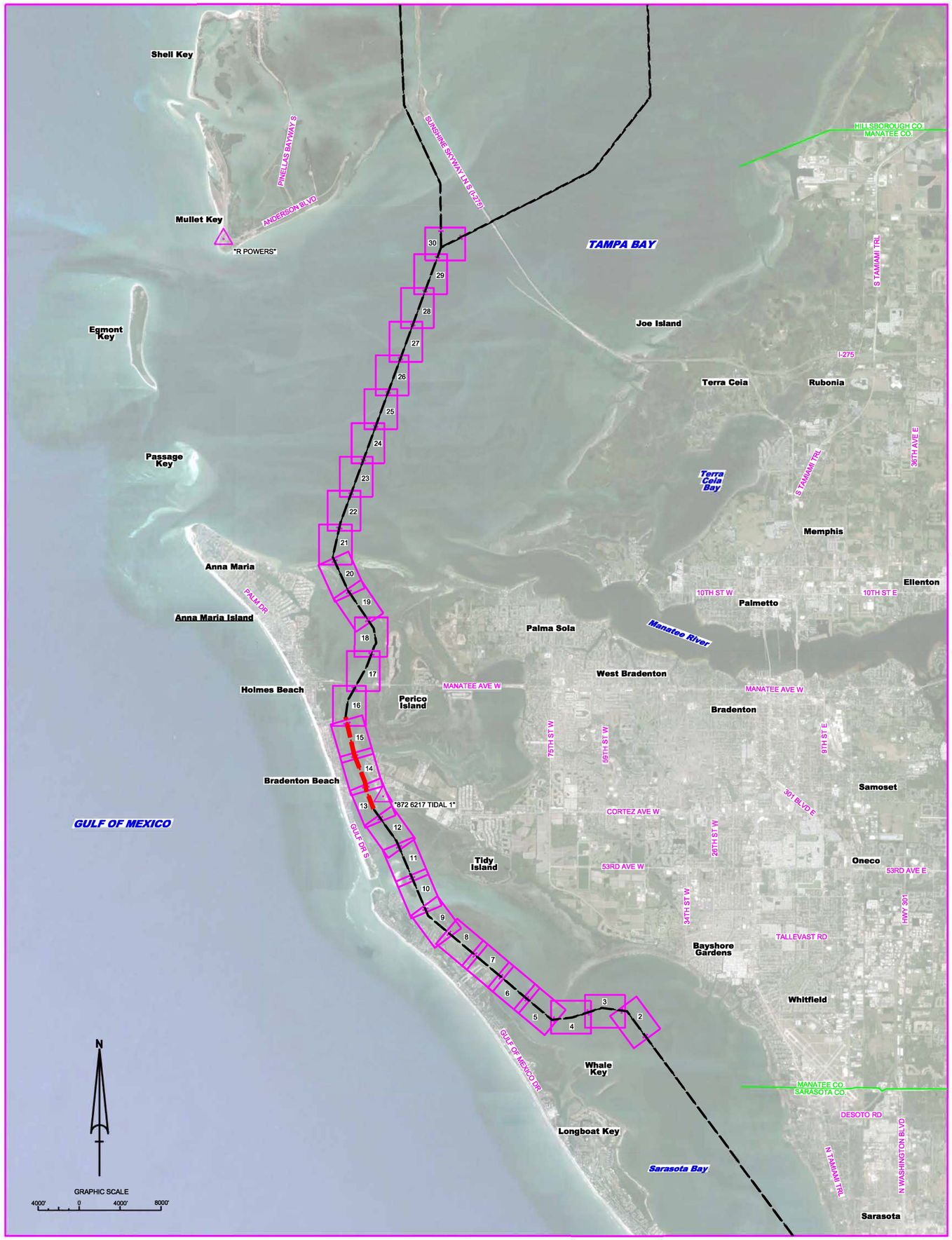
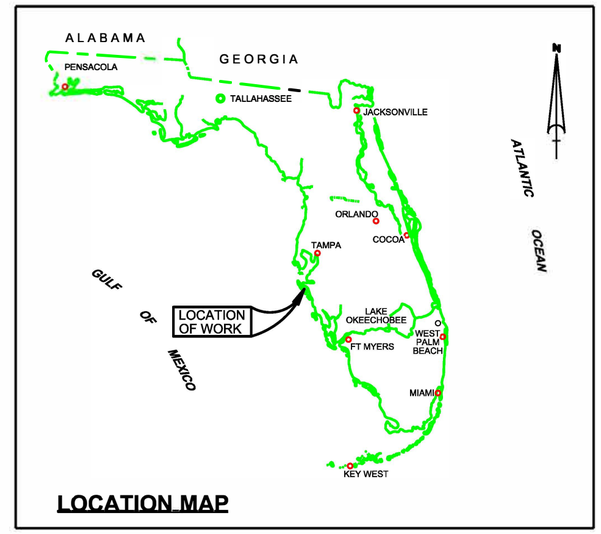




LOCATION MAP

GIWW - MANATEE COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 23-095.
2. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH.
3. 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".
4. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
7. THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATIONS:

   CUTS M-1 THRU M-6:
   REFERENCE BASE LOCATED AT "NO 1 1953" (OPUS PID: AG2000)
   TIDE STAFF SET FROM "NO 1 1953" (NGS PID: AG2000)

   CUTS M-7 THRU M-15:
   REFERENCE BASE LOCATED AT "R POWERS" (OPUS PID: BBDR33)
   TIDE MEASURE DOWN POINT LOCATED AT "872 6364 B" (NGS PID: AG9426)
8. 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 VDATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS BELOW:

   NOAA TIDAL STATION 872 6217, CORTEZ, SARASOTA BAY WAS USED FOR CUTS M-1 THRU M-6.

   NOAA TIDAL STATION 872 6364, MULLET KEY, TAMPA BAY WAS USED FOR CUTS M-7 THRU M-15.

   VERTICAL MEASUREMENTS WERE MADE USING AN ODOM ECHOTRAC E20 SINGLE-BEAM SYSTEM OPERATING AT 28/200 KHZ AND AN EDGETECH 6205 MULTI-BEAM OPERATING AT 550 KHZ. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-44	19 JAN 2023	M-7 THRU M-15
SB-44	20 JAN 2023	M-1 THRU M-6

9. AIDS TO NAVIGATION WERE LOCATED DURING 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 THAT TIME. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY.
11. 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	
△	MONUMENT
!	LIGHTED BEACON
■	GREEN DAYBEACON
▲	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	NUN BUOY
	TIDE STAFF
8	PROJECT DEPTH

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
Drn by: WRM
Chk by: CMR
Inv. No.
Dated: JAN 2023

XXXXXXXX.X.XXXXXX.DGN
XXXXXXXX.X.XXXXXX.DGN
XXXXXXXX.X.XXXXXX.DGN
XXXXXXXX.X.XXXXXX.DGN
XXXXXXXX.X.XXXXXX.DGN
GIWW_MANATEECO_INDEX.DGN
GIWW-C-NGWCCF_VGLD.GN
23-107-G-BS-BRDR_MAN.DGN
Reference files:
File name: 22-052-VH-001_MAN.DGN

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

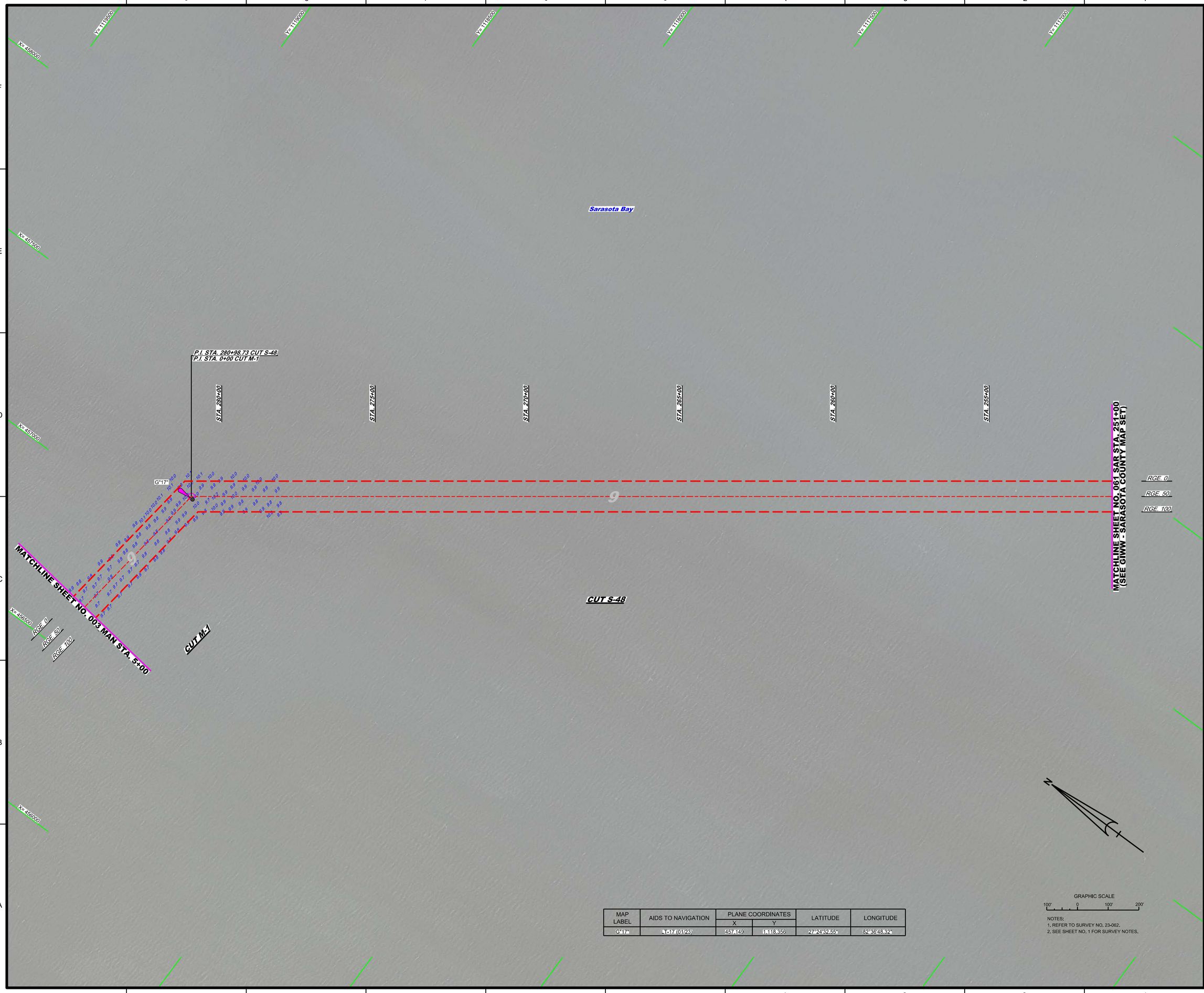
INDEX, LOCATION AND VICINITY

MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"17"	L1-17 (01/23)	457,149	1,118,356	27°24'32.55"	82°36'48.32"

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: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: JAN 2023

X:\XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
23-062-N-SUN_ALL CUTS.DGN
GIWW-C-NGMCGF.DGN
20-107-C-FS-BRDR_MAN.DGN
Reference files:
23-062-VH-002_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 251+00 CUT S-48 THRU STA. 5+00 CUT M-1

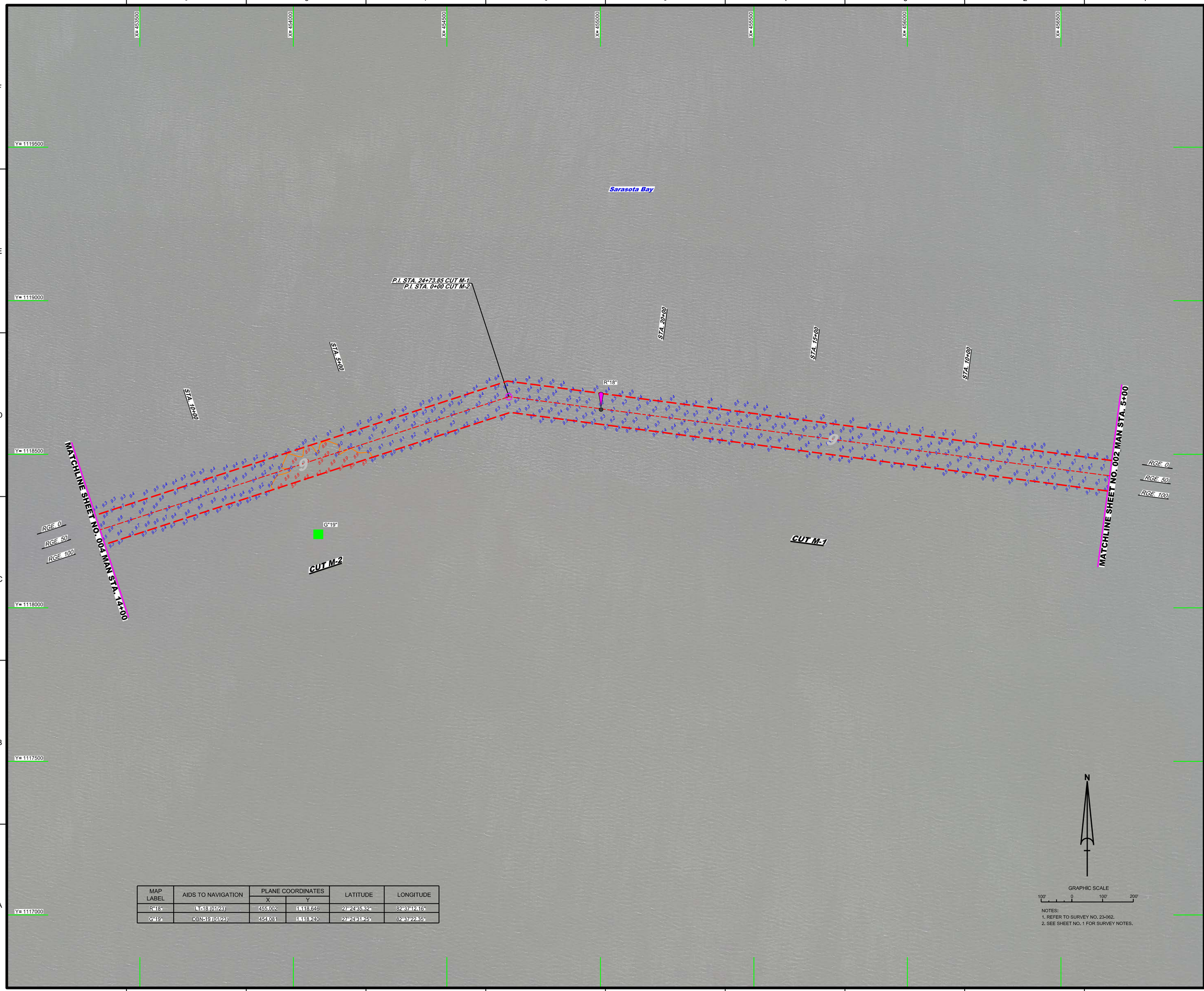
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"18"	LT-18 (01/23)	455,002	1,118,646	27°24'35.32"	82°37'12.16"
G"19"	DBN-19 (01/23)	454,081	1,118,240	27°24'31.25"	82°37'22.35"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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
Proj. No.
Date: JAN 2023

XXXXXXXXX-XX-XXXXXX.DGN
XXXXXXXXX-XX-XXXXXX.DGN
23-062A-CON9.DGN
23-062A-AVG01.DGN
23-062A-SOUN_ALLCUTS.DGN
GMWW-C-NGMCSF.DGN
20-107-C-BS-BRDR_MAN.DGN
Reference files:
23-062-HH03_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 5+00 CUT M-1 THRU STA. 14+00 CUT M-2

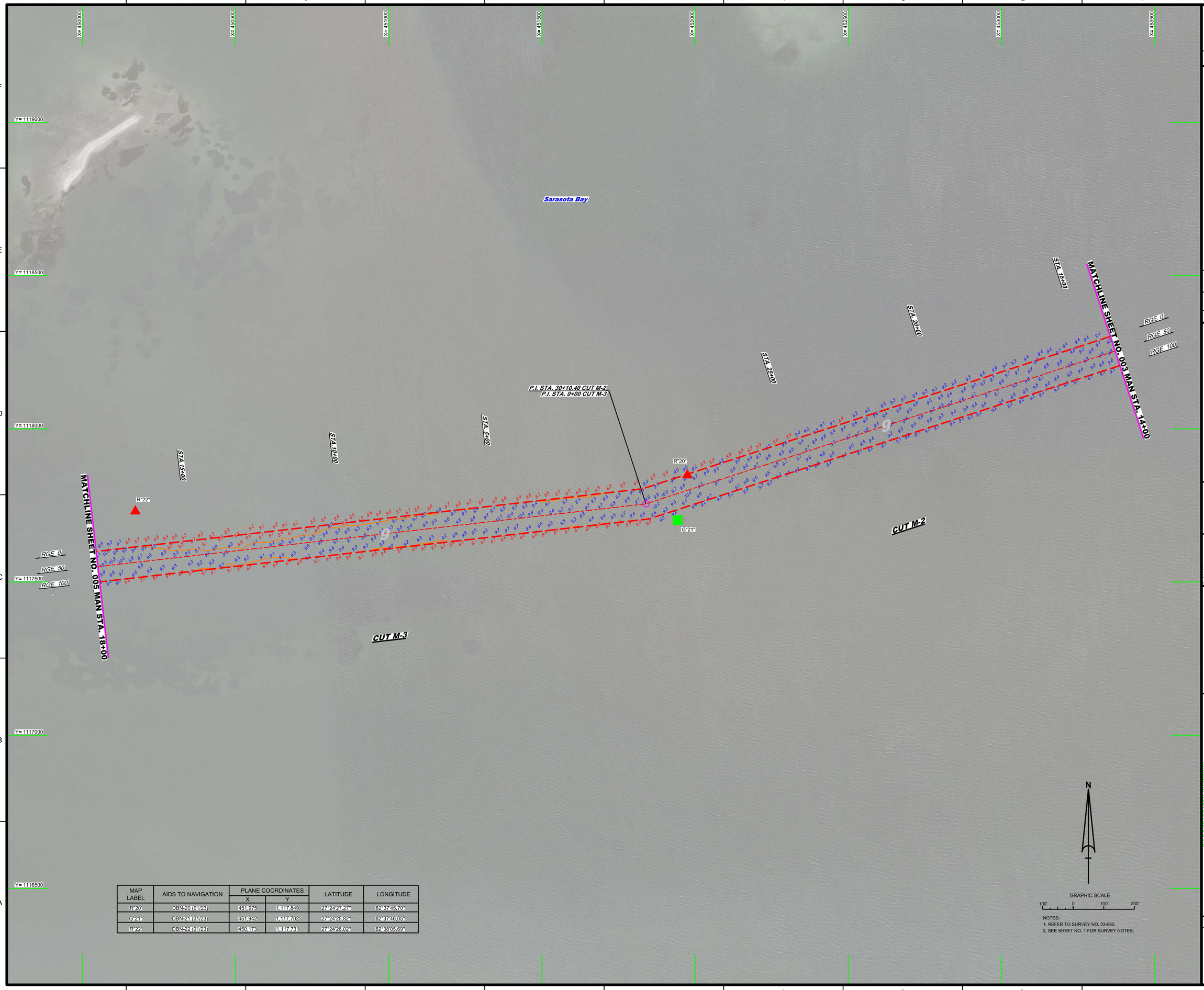
PLAN

Scale: AS SHOWN

Drawing no.

3

SHEET 03 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"20"	DBN-20 (01/23)	451,975	1,117,849	27°24'27.27"	82°37'45.70"
G"21"	DBN-21 (01/23)	451,942	1,117,702	27°24'25.82"	82°37'46.05"
R"22"	DBN-22 (01/23)	450,173	1,117,731	27°24'26.02"	82°38'05.69"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

XXXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
23-062-A-CONS.DGN
23-062-A-MAN.DGN
23-062-A-SOUN_ALL-CUTS.DGN
GMWV-C-NGMGCF.DGN
20-107-C-FS-BRDR_MAN.DGN
Reference files:

23-062-VH-004_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 14+00 CUT M-2 THRU STA. 18+00 CUT M-3

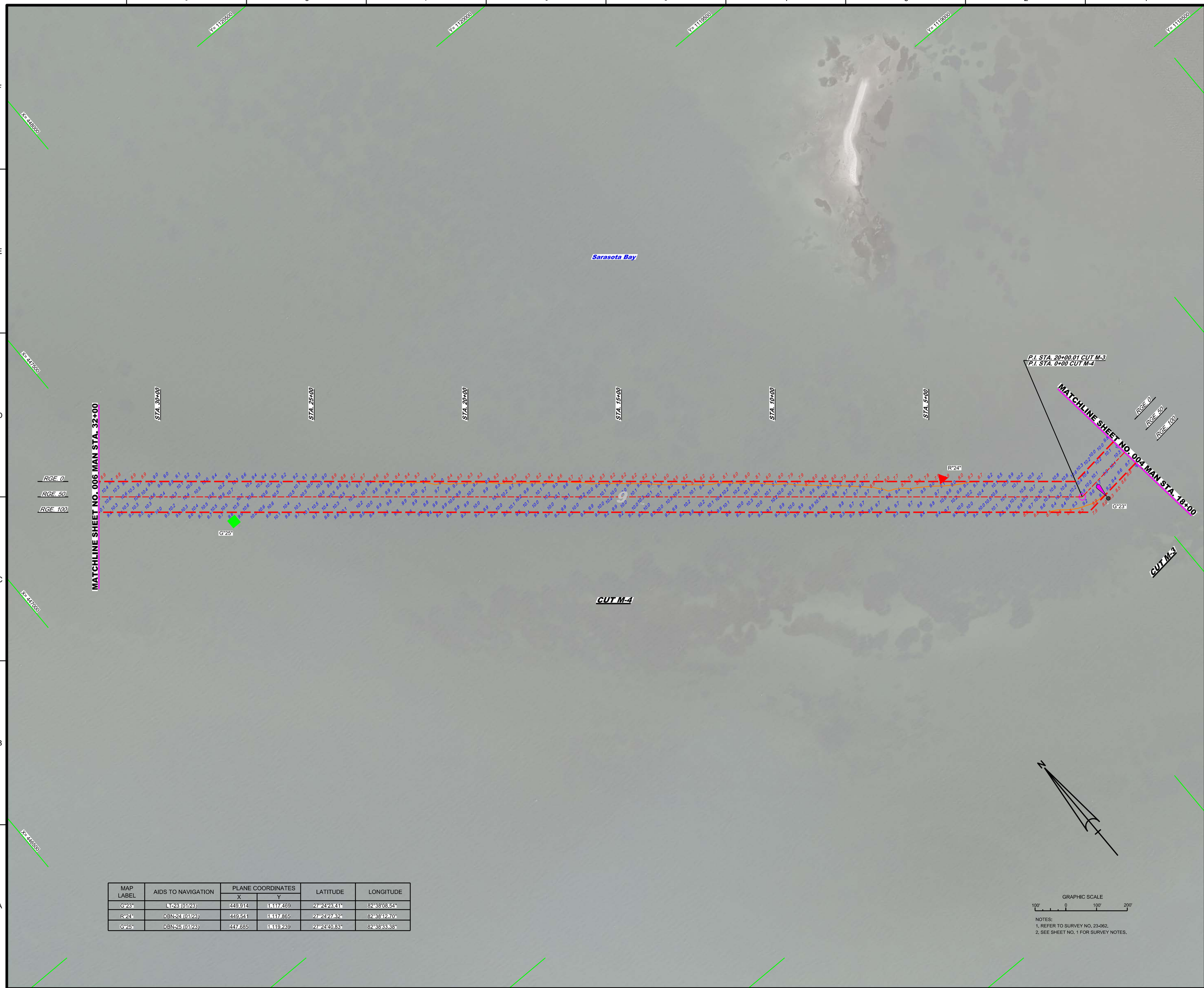
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"23"	LT-23 (01/23)	449,914	1,117,469	27°24'23.41"	82°38'08.54"
R"24"	DBN-24 (01/23)	449,541	1,117,865	27°24'27.32"	82°38'12.70"
G"25"	DBN-25 (01/23)	447,685	1,119,239	27°24'40.83"	82°38'33.38"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: JAN 2023

XXXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
23-062-A-CONS.DGN
23-062-A-MAN.DGN
23-062-A-SOUN_ALCUTS.DGN
GIWW-C-NGMCF.DGN
09-107-C-BS-BRDR_MAN.DGN
Reference files:
23-062-VH-005_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 18+00 CUT M-3 THRU STA. 32+00 CUT M-4

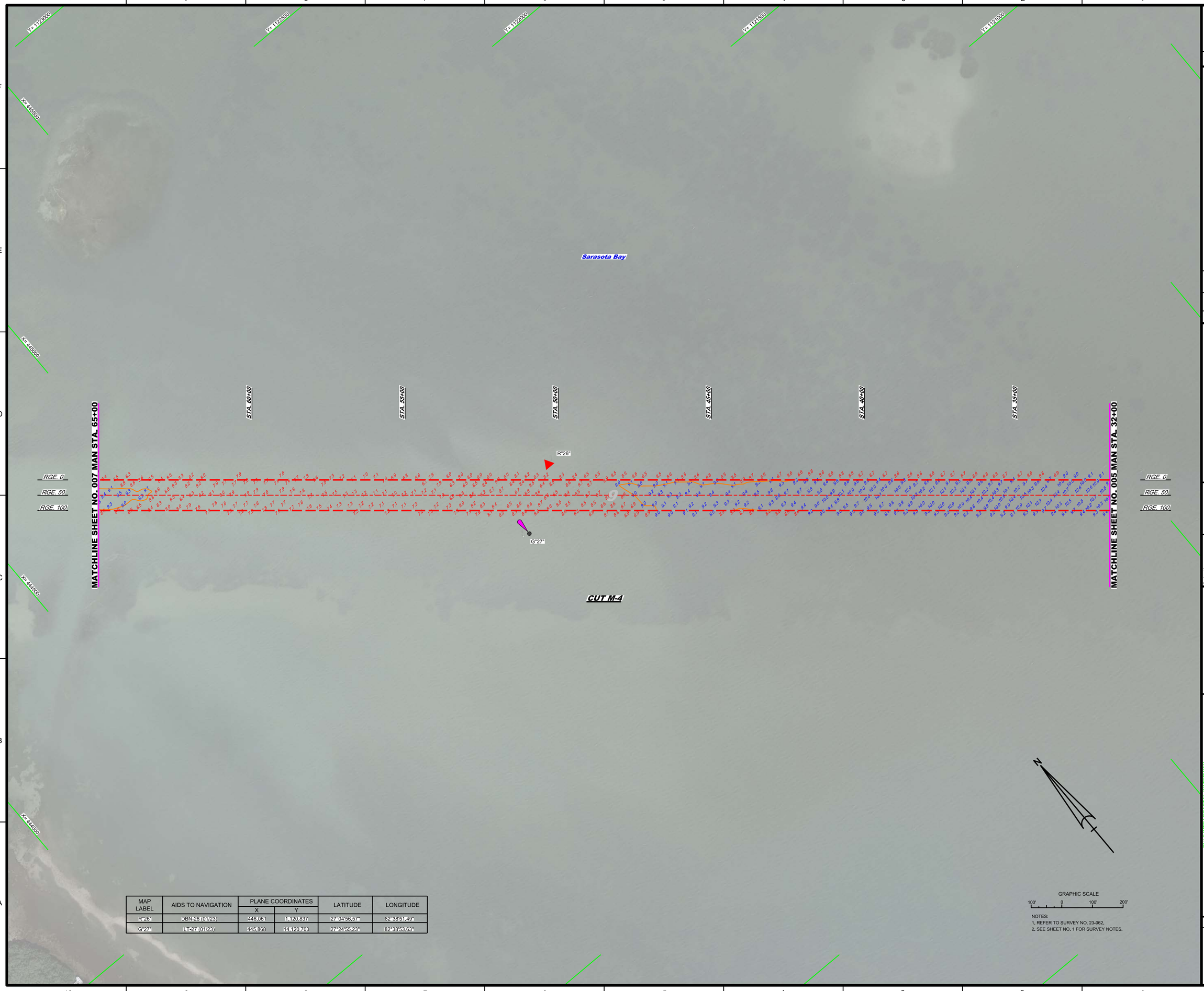
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"26"	DBN-26 (01/23)	446,061	1,120,837	27°04'56.57"	82°38'51.49"
G"27"	LT-27 (01/23)	445,868	14,120,703	27°24'55.23"	82°38'53.63"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: JAN 2023

XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
23-062-A-CONB.DGN
23-062-A-VERT.DGN
23-062-A-SOUN_ALCUTS.DGN
GMW-C-NGMCF.DGN
20-107-C-BS-BRDR_MAN.DGN
Reference files:
23-062-VH-036_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 32+00 THRU STA. 65+00 CUT M-4

PLAN

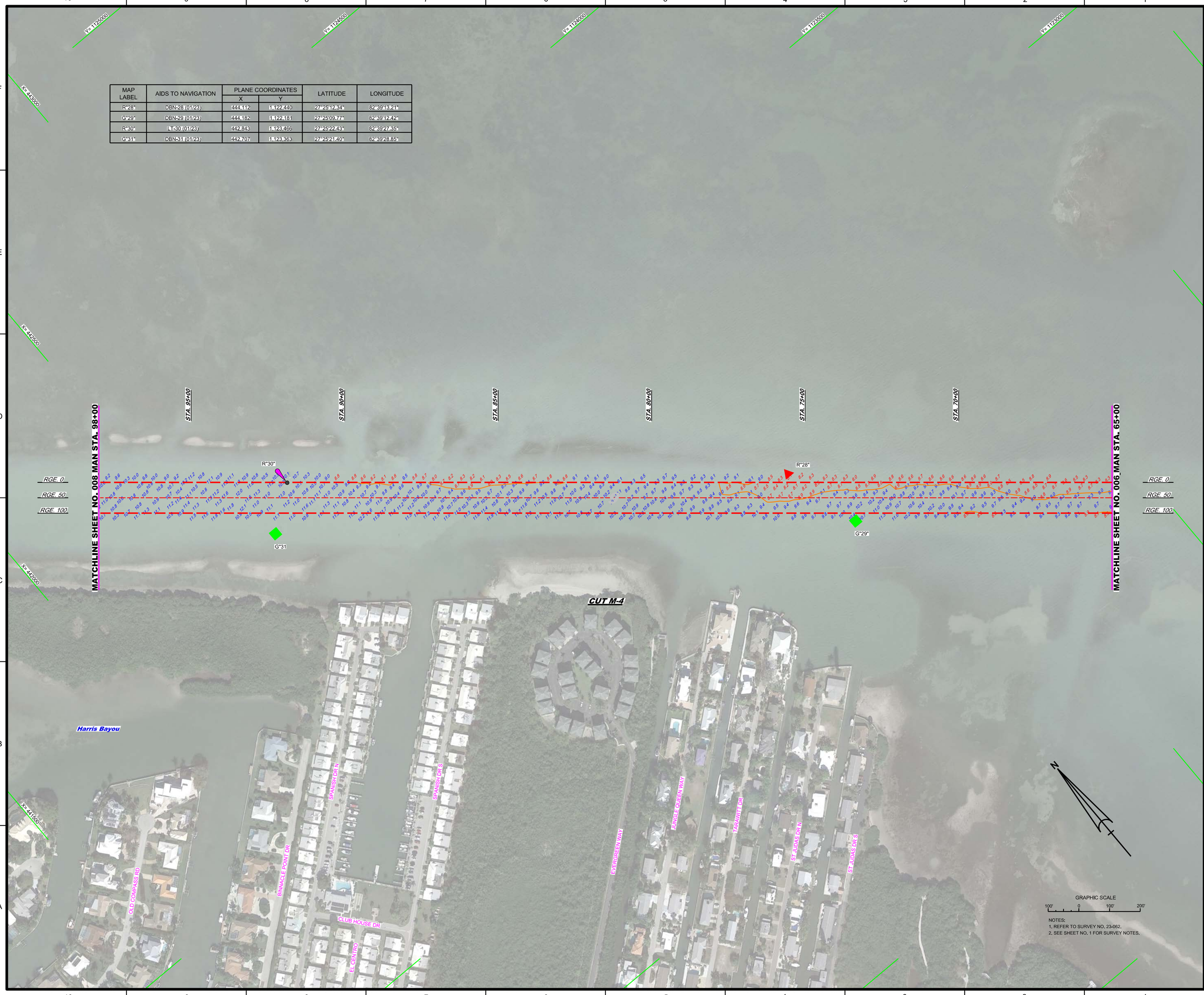
Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 30

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"28"	DBN-28 (01/23)	444,112	1,122,440	27°25'12.34"	82°39'13.21"
G"29"	DBN-29 (01/23)	444,182	1,122,181	27°25'09.77"	82°39'12.42"
R"30"	LT-30 (01/23)	442,843	1,123,466	27°25'22.43"	82°39'27.35"
G"31"	DBN-31 (01/23)	442,707	1,123,363	27°25'21.40"	82°39'28.85"



NOTES:
1. REFER TO SURVEY NO. 23-062.
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: VRM
Ckd by: GMB
Rev. No.
Date: JAN 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-062-M-CONS.DGN
23-062-M-MAN.DGN
23-062-M-SOUN_ALCUTS.DGN
GMW-C-CNGMCGF.DGN
09-107-C-CBS-BRDR_MAN.DGN
Reference files:
23-062-VH-007_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 65+00 THRU STA. 98+00 CUT M-4

PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 30

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"32"	DBN-32 (01/23)	441,143	1,124,893	27°25'36.47"	82°39'46.30"
G"33"	DBN-33 (01/23)	441,081	1,124,806	27°25'35.60"	82°39'46.98"
INFO SIGN	SIGN (01/23)	441,253	1,125,032	27°25'37.85"	82°39'45.09"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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
Drawn by: VIRM
Checked by: GMR
Inv. No.
Dated: JAN 2023

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
23-062A-MAN.DGN
23-062A-SDMI_ALLCUTS.DGN
GIWW-CANGWCCF.DGN
20x107x0-BS-BRDR_MAN.DGN
Reference files:
23-062-VH-009_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 98+00 THRU STA. 131+00 CUT M-4

PLAN

Scale: AS SHOWN

Drawing no.

8

SHEET 08 OF 30

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"34"	DBN-34 (01/23)	439,746	1,126,090	27°25'48.25"	82°40'01.87"
G"35"	DBN-35 (01/23)	439,632	1,126,033	27°25'47.67"	82°40'03.13"
R"36"	DBN-36 (01/23)	438,362	1,127,272	27°25'59.88"	82°40'17.31"
G"37"	LT-37 (01/23)	437,730	1,127,607	27°26'03.16"	82°40'24.34"
R"38"	DBN-38 (01/23)	437,673	1,127,991	27°26'06.97"	82°40'25.00"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

XXXXXXXXX-XXXXXX.DGN
23-062-V-CONS.DGN
23-062-V-MAN.DGN
23-062-V-SOUN_ALL-CUTS.DGN
GMW-C-NGMGCF.DGN
20-107-C-FS-BRDR_MAN.DGN
Reference files:
23-062-VH-009_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 131+00 CUT M-4 THRU STA. 7+00 CUT M-5

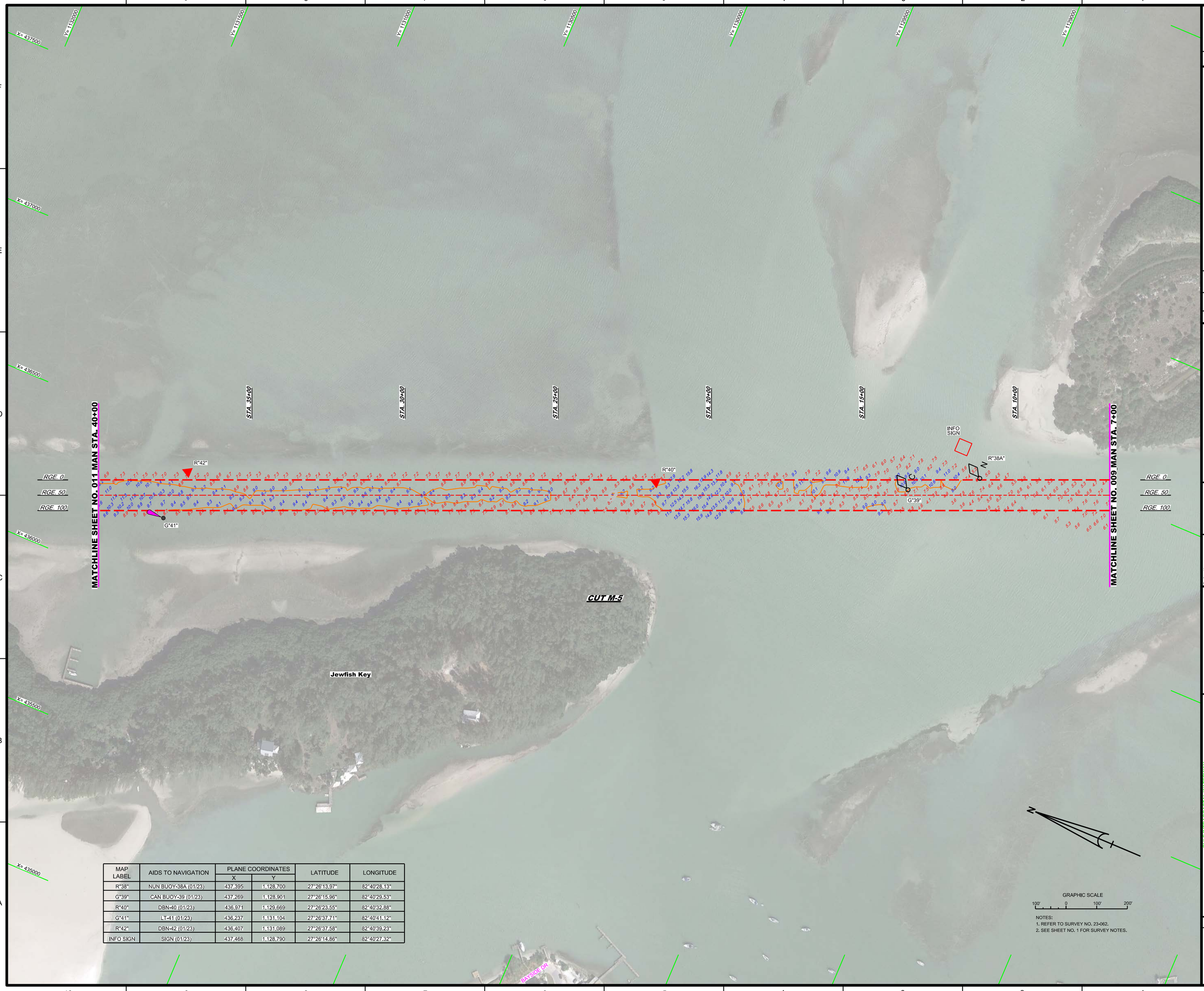
PLAN

Scale: AS SHOWN

Drawing no.

9

SHEET 09 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"38"	NUN BUOY-38A (01/23)	437,395	1,128,700	27°26'13.97"	82°40'28.13"
G"39"	CAN BUOY-39 (01/23)	437,269	1,128,901	27°26'15.96"	82°40'29.53"
R"40"	DBN-40 (01/23)	436,971	1,129,669	27°26'23.55"	82°40'32.88"
G"41"	LT-41 (01/23)	436,237	1,131,104	27°26'37.71"	82°40'41.12"
R"42"	DBN-42 (01/23)	436,407	1,131,089	27°26'37.58"	82°40'39.23"
INFO SIGN	SIGN (01/23)	437,468	1,128,790	27°26'14.86"	82°40'27.32"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Dataset: JAN 2023

XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
23-062-A-CONB.DGN
23-062-A-MAP.DGN
23-062-A-SOUN_ALCUTS.DGN
GMW-C-CASMCF.DGN
20-107-C-ESHBRDR_MAN.DGN
Reference files:
23-062-VH-010_MAN.DGN
File name:

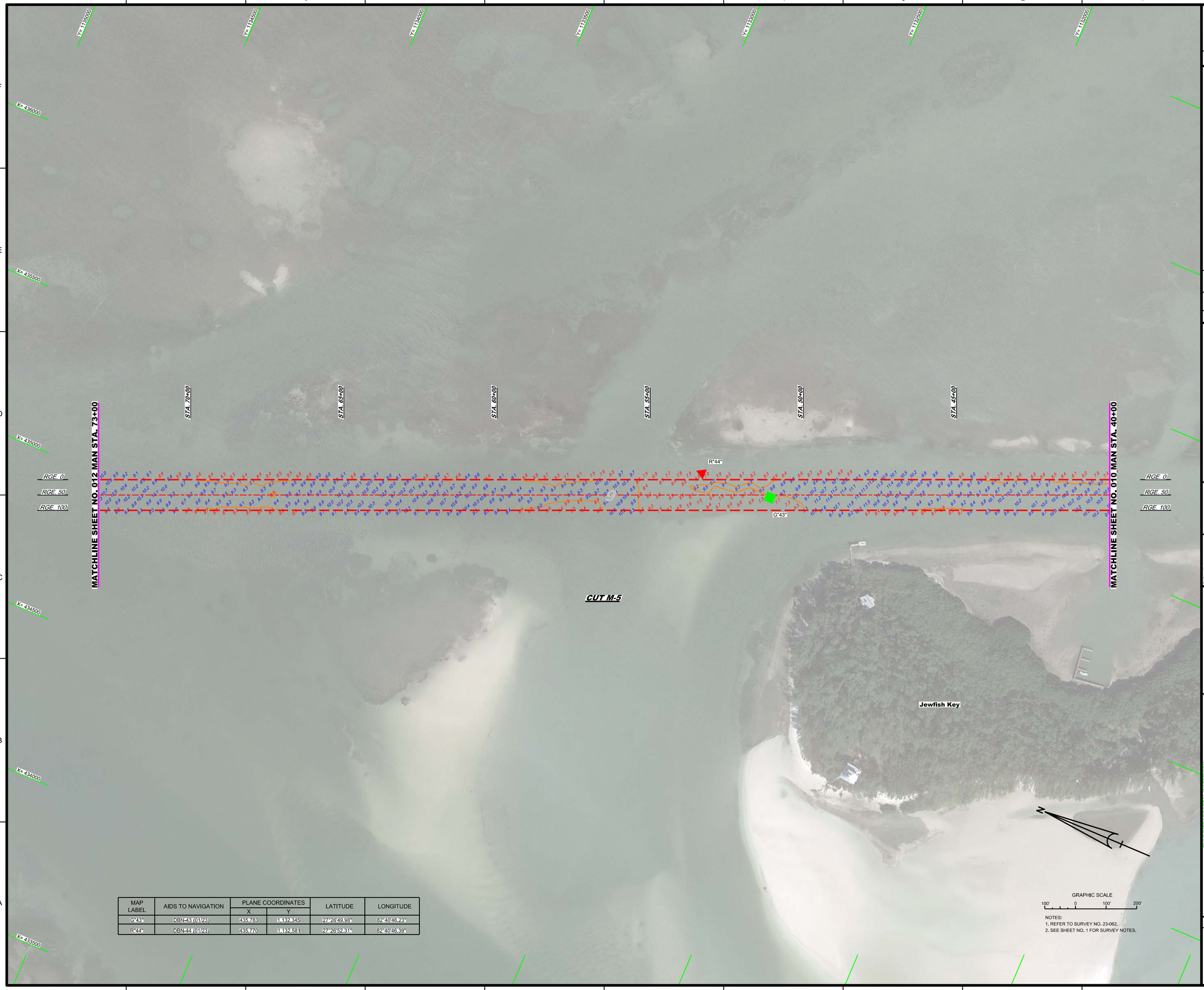
GULF INTRACOASTAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
MANATEE COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT
STA. 7+00 THRU STA. 40+00 CUT M-5
PLAN

Scale: AS SHOWN

Drawing no.
10

SHEET 10 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"43"	DBN-43 (01/23)	435,783	1,132,345	27°26'49.98"	82°40'46.23"
R"44"	DBN-44 (01/23)	435,770	1,132,581	27°26'52.31"	82°40'46.39"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: GMR
Designed by: WRM
DWN by: WRM
Rev. No.
Date: JAN 2023

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
23-062-A-CONB.DGN
23-062-A-MAN.DGN
23-062-A-SQUN_ALLCUTS.DGN
GIWW-C-ONGMCGF.DGN
23-107-C-BSBRDR_MAN.DGN
Reference files:
23-062-VH-011_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 40+00 THRU STA. 73+00 CUT M-5

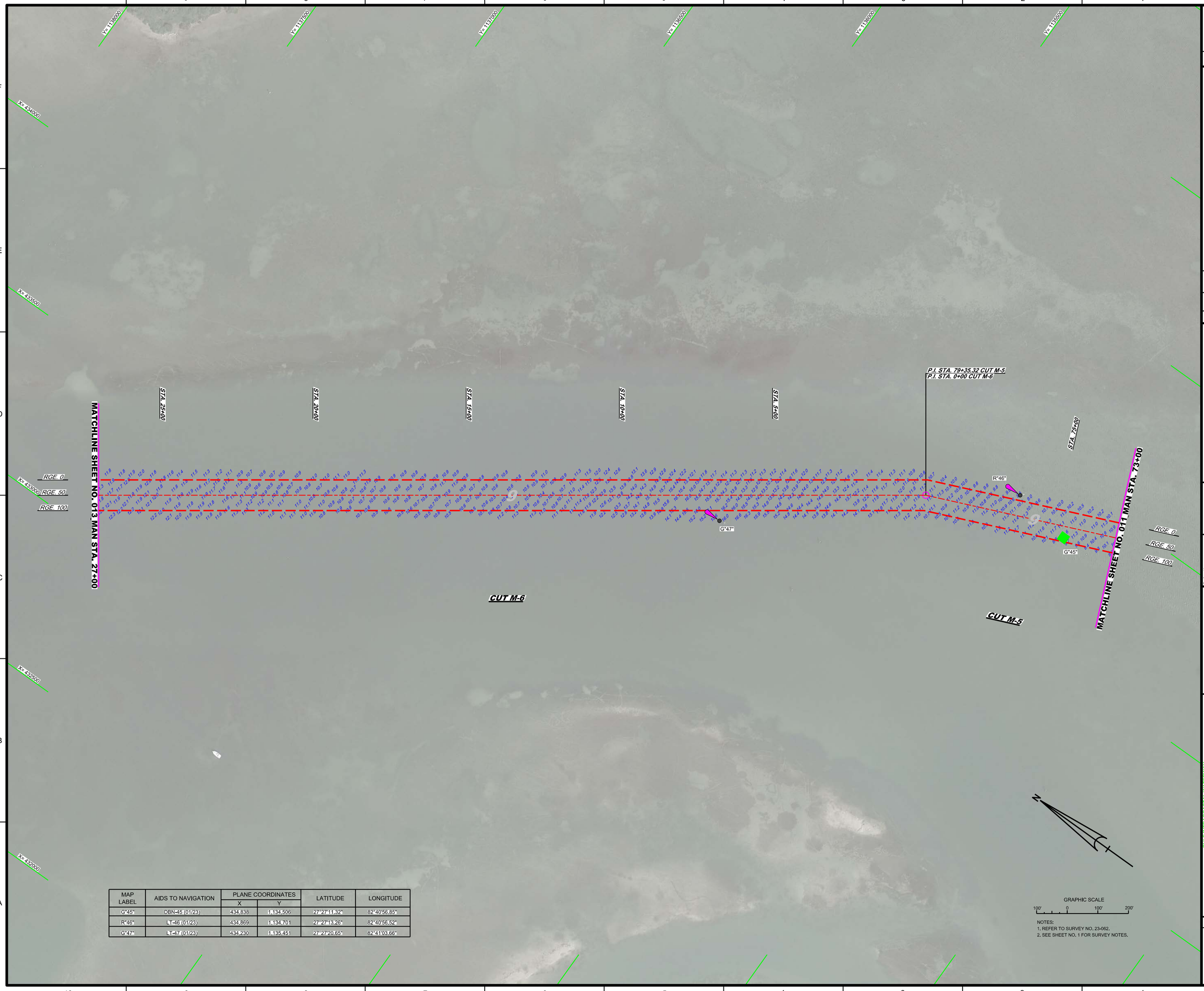
PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"45"	DBN-45 (01/23)	434,838	1,134,506	27°27'11.32"	82°40'56.85"
R"46"	LT-46 (01/23)	434,869	1,134,701	27°27'13.26"	82°40'56.52"
G"47"	LT-47 (01/23)	434,230	1,135,451	27°27'20.65"	82°41'03.66"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: CJBR
Designed by: WRM
DWN by: VRM
Rev. No.
Date: JAN 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
23-062-XX-XXXX-XXXX
23-062-XX-SOUN_ALCUTS.DGN
GMWX-CAGMGCF.DGN
09-107-CA-BORDR_MAN.DGN
Reference files:
23-062-VHH12_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 73+00 CUT M-5 THRU STA. 27+00 CUT M-6

PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 30

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"48"	LT-48 (01/23)	432,571	1,138,403	27°27'49.79"	82°41'22.26"
G"49"	DBN-49 (01/23)	431,970	1,139,073	27°27'56.39"	82°41'28.97"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

23-062-VA-CONS.DGN
23-062-VA-MAN.DGN
23-062-VA-SOUN_ALLCUTS.DGN
GMVW-C-NGMGCF_V3.DGN
20-107-C-ESHRDR_MAN.DGN
Reference files:
23-062-VH-013_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 27+00 CUT M-6 THRU STA. 3+00 CUT M-7B

PLAN

Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 30

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"49A"	DBN-49A (01/23)	431,064	1,141,842	27°28'23.75"	82°41'39.20"
INFO SIGN	SIGN (01/23)	431,135	1,141,384	27°28'19.23"	82°41'38.38"
INFO SIGN	SIGN (01/23)	431,483	1,141,416	27°28'19.56"	82°41'34.52"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

XXXXXXXXX-XX-XXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
23-062A-NAV.DGN
23-062A-SOUNDING.DGN
23-062A-SOUN_ALLCUTS.DGN
GMWW-C-NGMCCF_V3.DGN
26-107-C-BS-BRDR_MAN.DGN
Reference files
23-062-HH014_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 3+00 CUT M-7B THRU STA. 27+00 CUT M-7C

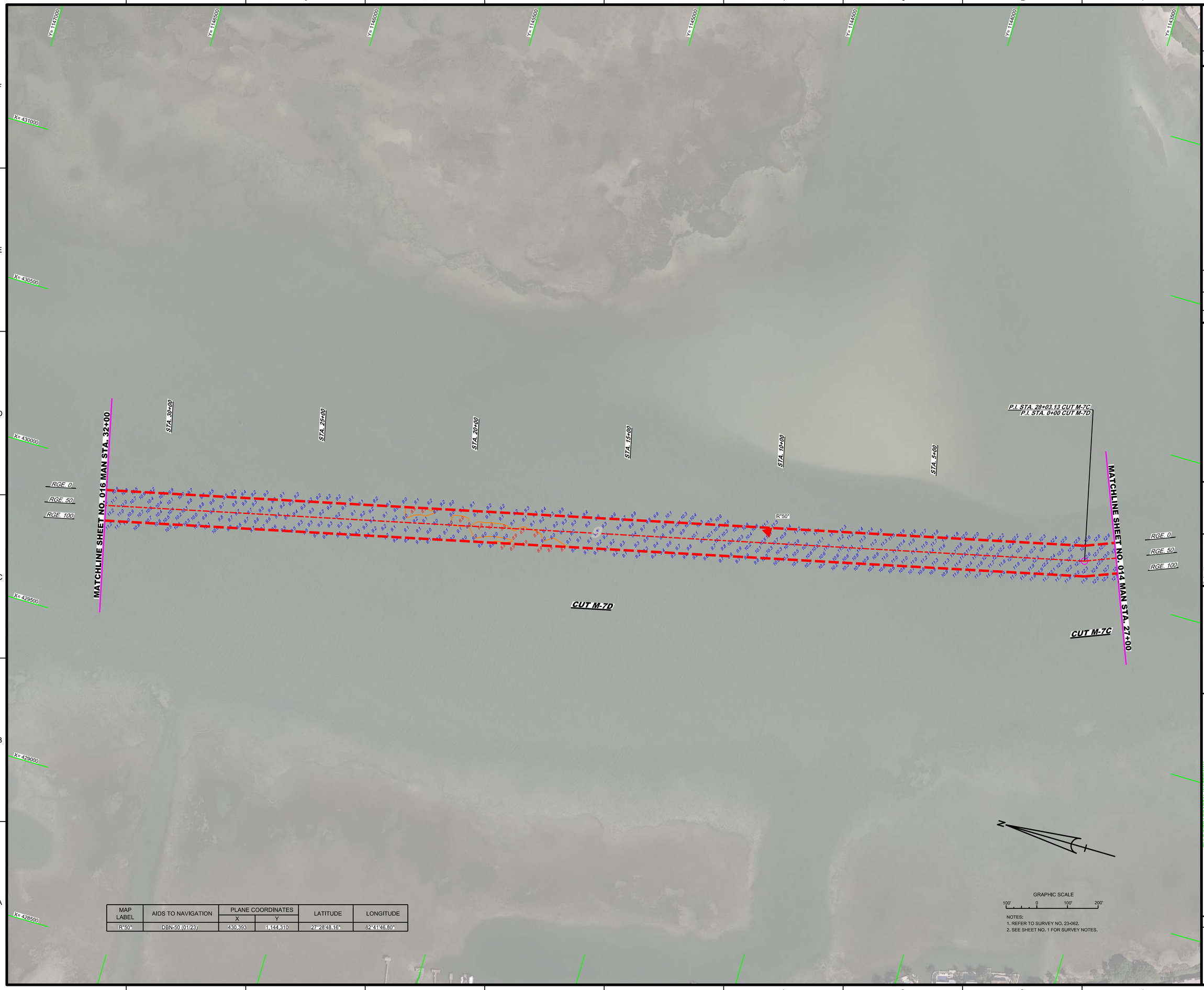
PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"50"	DBN-50 (01/23)	430,393	1,144,310	27°28'48.16"	82°41'46.80"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

Reference files:
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-062-V-CONS.DGN
23-062-V-ALL.DGN
23-062-V-SOUN_ALL-CUTS.DGN
GMWV-C-NGMGCF_V3.DGN
20-107-C-ES-BRDR_MAN.DGN
File name: 23-062-V-H-015_MAN.DGN

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 27+00 CUT M-7C THRU STA. 32+00 CUT M-7D

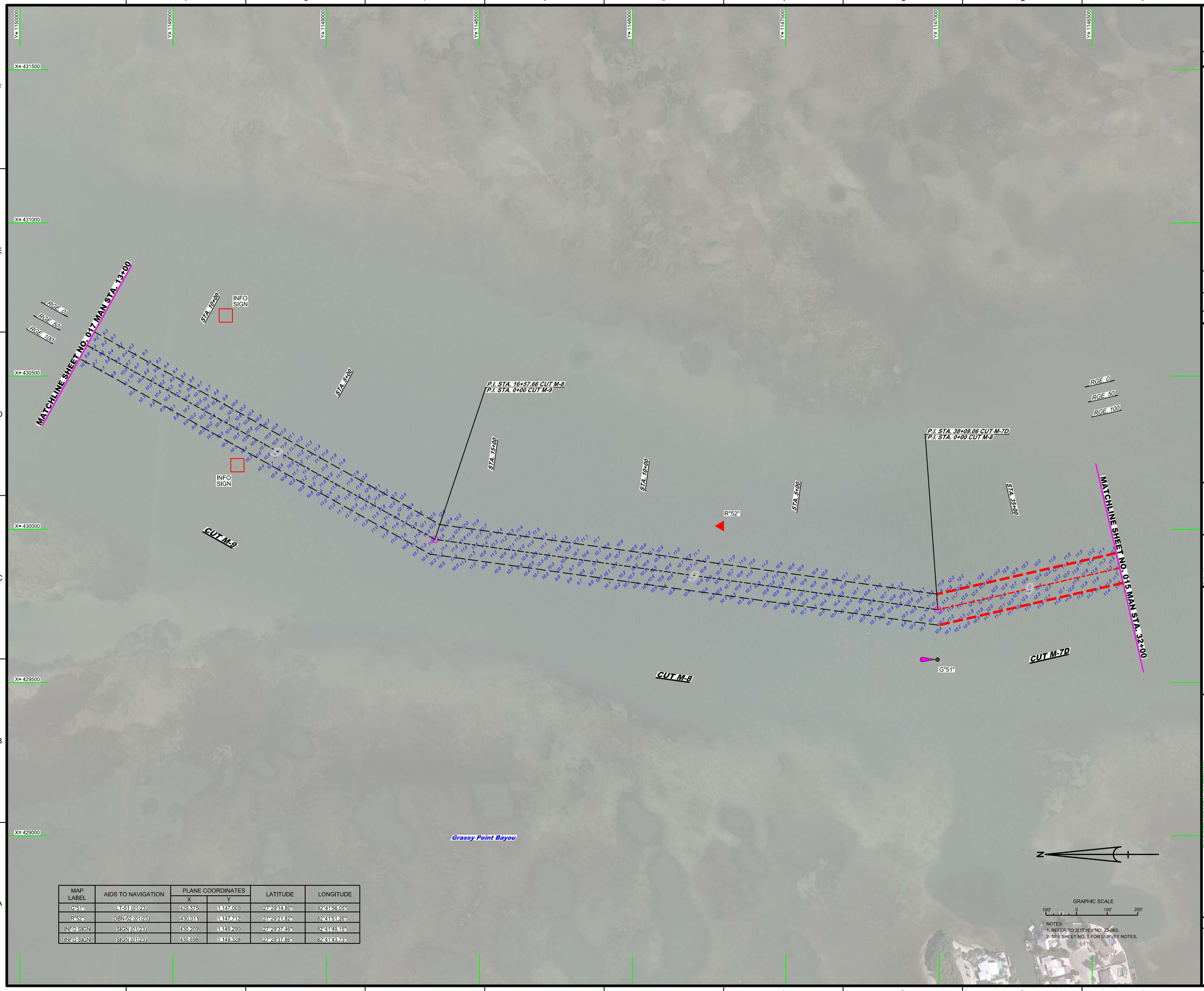
PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"51"	LT-51 (01/23)	429,575	1,147,005	27°29'14.80"	82°41'56.05"
R"52"	DBN-52 (01/23)	430,011	1,147,712	27°29'21.82"	82°41'51.26"
INFO SIGN	SIGN (01/23)	430,209	1,149,290	27°29'37.46"	82°41'49.15"
INFO SIGN	SIGN (01/23)	430,698	1,149,328	27°29'37.86"	82°41'43.73"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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
Cad by: CMR
Rev. No.
Date: JAN 2023

23-062-MAN.DGN
23-062-MSOUN_ALLCUTS.DGN
GMWW-C-NGMGCF_V3.DGN
09-107-C-ES-BRDR_MAN.DGN
Reference files:
23-062-VHD16_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 84+00 CUT M-7 THRU STA. 13+00 CUT M-9

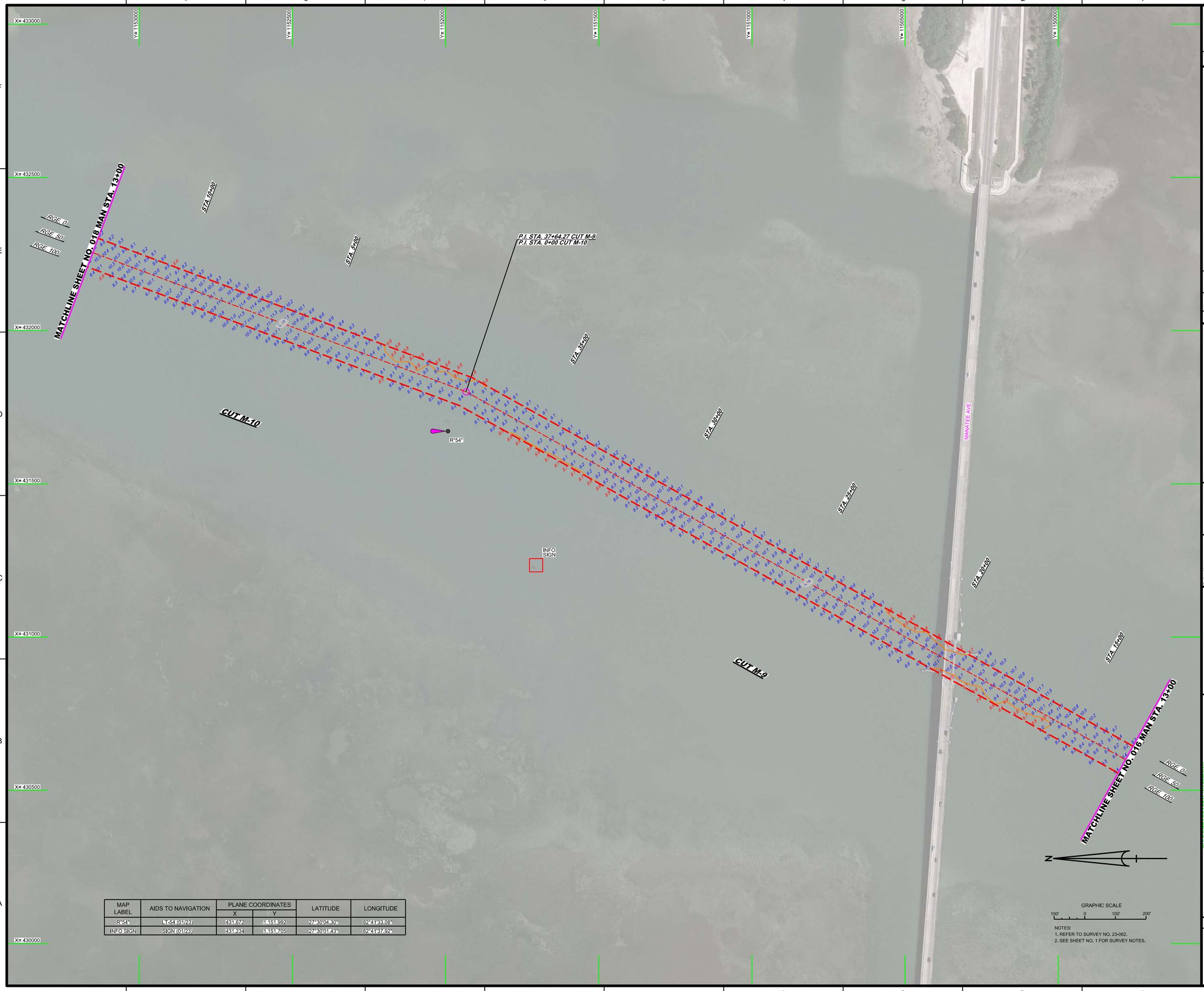
PLAN

Scale: AS SHOWN

Drawing no.

16

SHEET 16 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"54"	LT-54 (01/23)	431,672	1,151,992	27°30'04.30"	82°41'33.08"
INFO SIGN	SIGN (01/23)	431,234	1,151,705	27°30'01.43"	82°41'37.92"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
23-062A-CONS.DGN
23-062A-ALIGN.DGN
23-062A-SOUN_ALLCUTS.DGN
GMWW-CNGMCSF.DGN
20-107-C-BS-BRDR_MAN.DGN
Reference files

23-062-HH317_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 13+00 CUT M-9 THRU STA. 13+00 CUT M-10

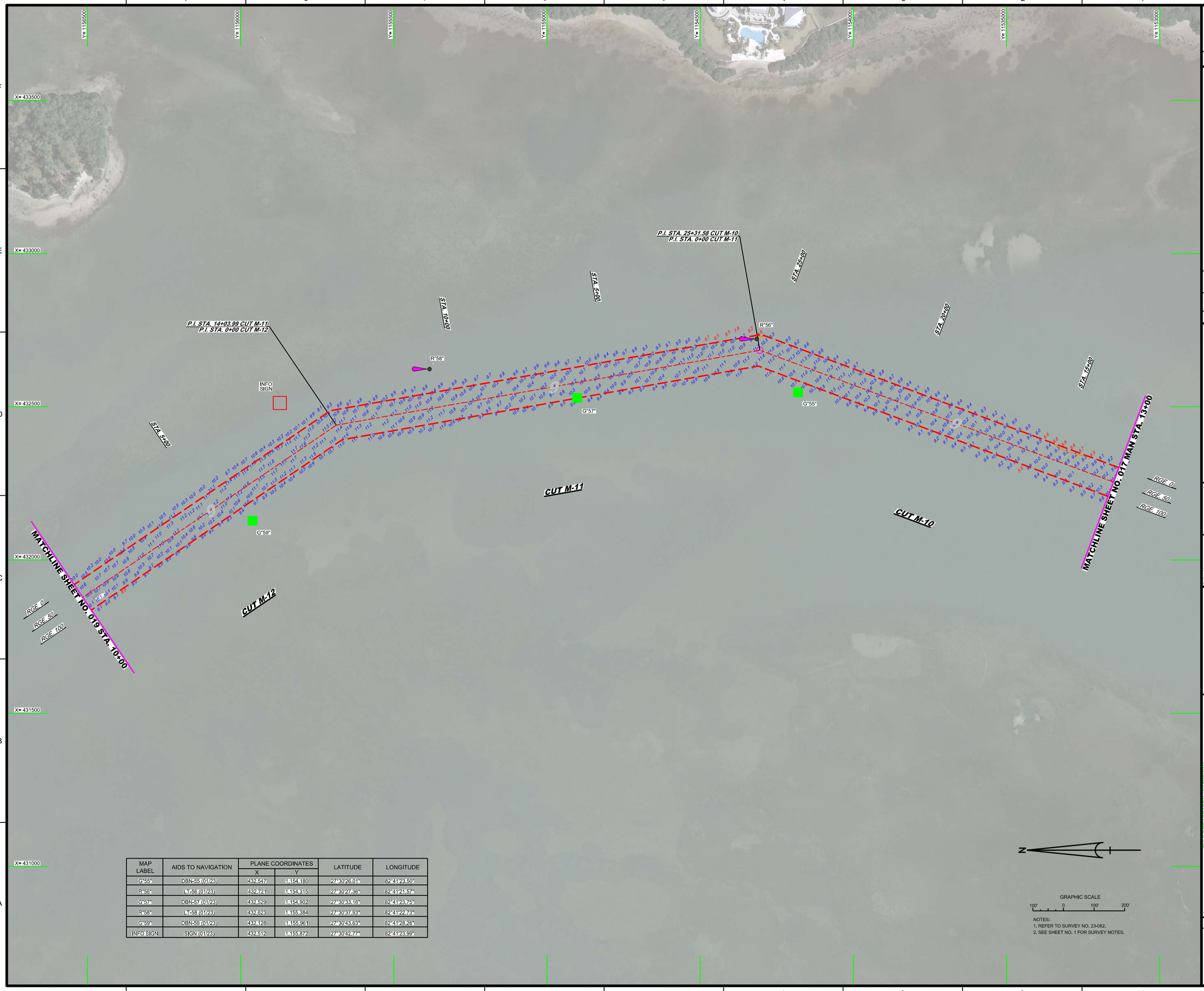
PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"55"	DBN-55 (01/23)	432,547	1,154,180	27°30'26.01"	82°41'23.50"
R"56"	LT-56 (01/23)	432,721	1,154,315	27°30'27.36"	82°41'21.57"
G"57"	DBN-57 (01/23)	432,529	1,154,902	27°30'33.15"	82°41'23.75"
R"58"	LT-58 (01/23)	432,623	1,155,384	27°30'37.93"	82°41'22.73"
G"59"	DBN-59 (01/23)	432,128	1,155,961	27°30'43.63"	82°41'28.26"
INFO SIGN	SIGN (01/23)	432,512	1,155,872	27°30'42.77"	82°41'23.99"

N

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
23-062-A-NAV.DGN
23-062-A-SOUND.DGN
23-062-A-SOUN_ALL CUTS.DGN
GIWW-C-NGMGCF.DGN
20-107-C-FS-BRDR_MAN.DGN
Reference files:
23-062-VH-018_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 13+00 CUT M-10 THRU STA. 10+00 CUT M-12

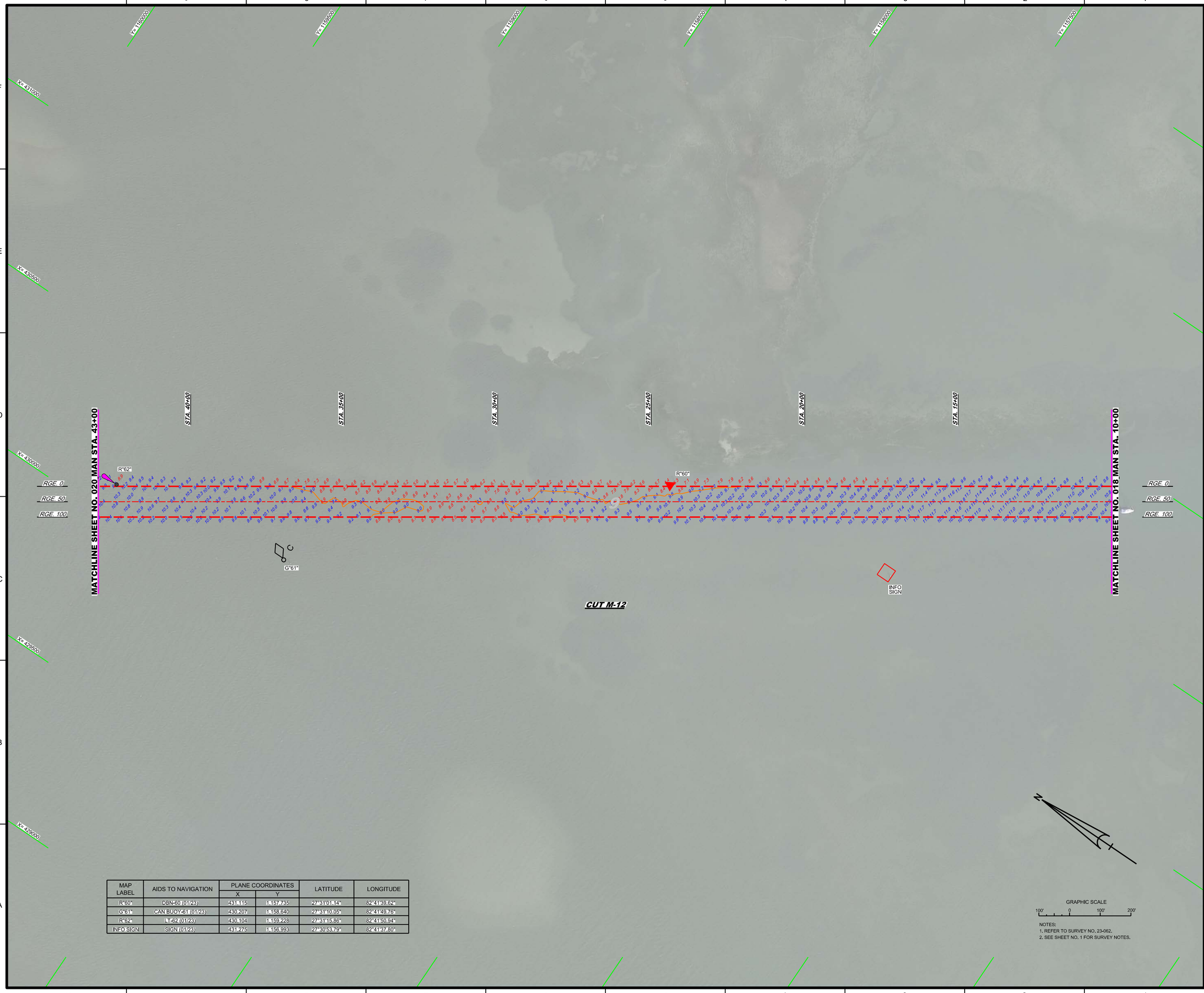
PLAN

Scale: AS SHOWN

Drawing no.

18

SHEET 18 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"60"	DBN-60 (01/23)	431,115	1,157,735	27°31'01.14"	82°41'39.62"
G"61"	CAN BUOY-61 (01/23)	430,207	1,158,640	27°31'10.05"	82°41'49.76"
R"62"	LT-62 (01/23)	430,104	1,159,228	27°31'15.86"	82°41'50.94"
INFO SIGN	SIGN (01/23)	431,275	1,156,993	27°30'53.79"	82°41'37.80"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-062A-CONB.DGN
23-062A-MAN.DGN
23-062A-SIGN_ALCUTS.DGN
GWW-C-ABGMCSF.DGN
2X-107-C-BS-BRGR_MAN.DGN
Reference files:

22-062A1H-019_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 10+00 THRU STA. 43+00 CUT M-12

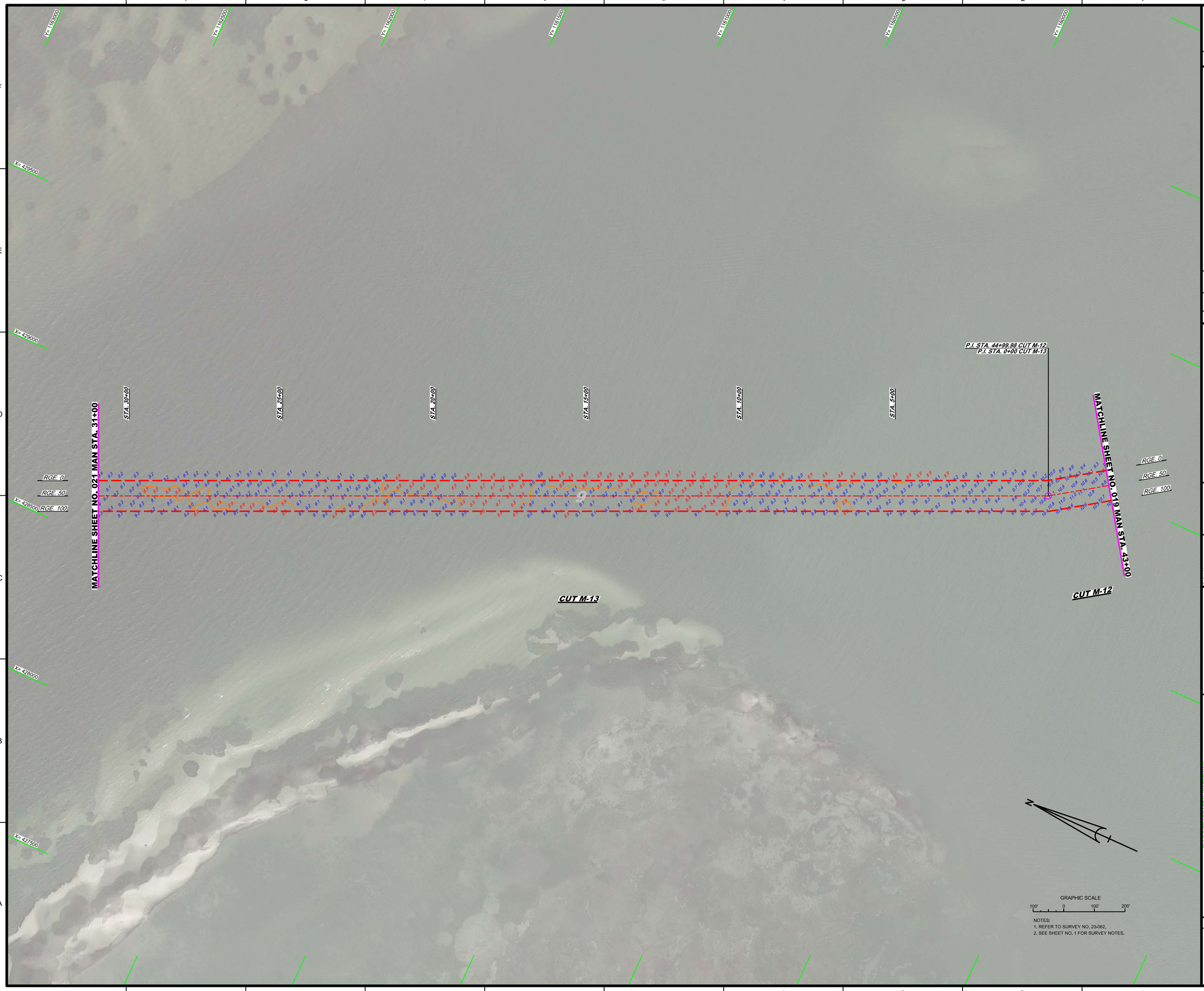
PLAN

Scale: AS SHOWN

Drawing no.

19

SHEET 19 OF 30



NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
23-062-V-SOUN_ALL CUTS.DGN
GMWV-C-NGMCCF.DGN
20-107-C-FS-BRDR_MAN.DGN
Reference files:
23-062-V-H020_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 43+00 CUT M-12 THRU STA. 31+00 CUT M-13

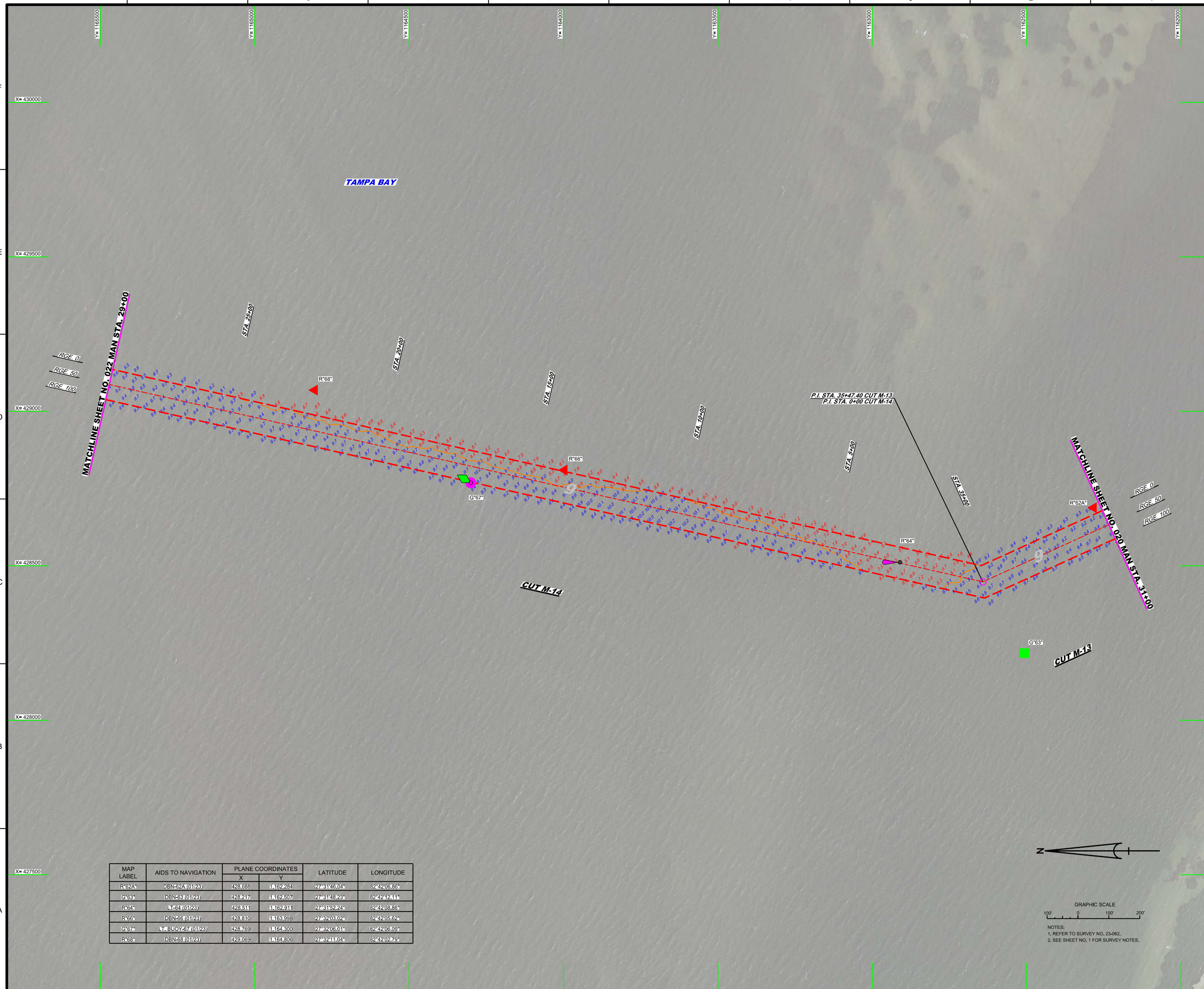
PLAN

Scale: AS SHOWN

Drawing no.

20

SHEET 20 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"62A"	DBN-62A (01/23)	428,688	1,162,284	27°31'46.04"	82°42'06.86"
G"63"	DBN-63 (01/23)	428,217	1,162,507	27°31'48.23"	82°42'12.11"
R"64"	LT-64 (01/23)	428,511	1,162,911	27°31'52.24"	82°42'08.86"
R"66"	DBN-66 (01/23)	428,810	1,163,998	27°32'03.02"	82°42'05.62"
G"67"	LT, BUOY-67 (01/23)	428,769	1,164,300	27°32'06.01"	82°42'06.09"
R"68"	DBN-68 (01/23)	429,069	1,164,806	27°32'11.04"	82°42'02.79"

NOTES:
1. REFER TO SURVEY NO. 23-062.
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
Chkd by: CMR
Rev. No.
Date: JAN 2023

XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
23-062-A-CONS.DGN
23-062-A-MAN.DGN
23-062-A-SOUN_ALCUTS.DGN
GMWX-C-NGMCGF.DGN
20-107-C-FS-BRDR_MAN.DGN
Reference files:
23-062-VHD21_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 31+00 CUT M-13 THRU STA. 29+00 CUT M-14

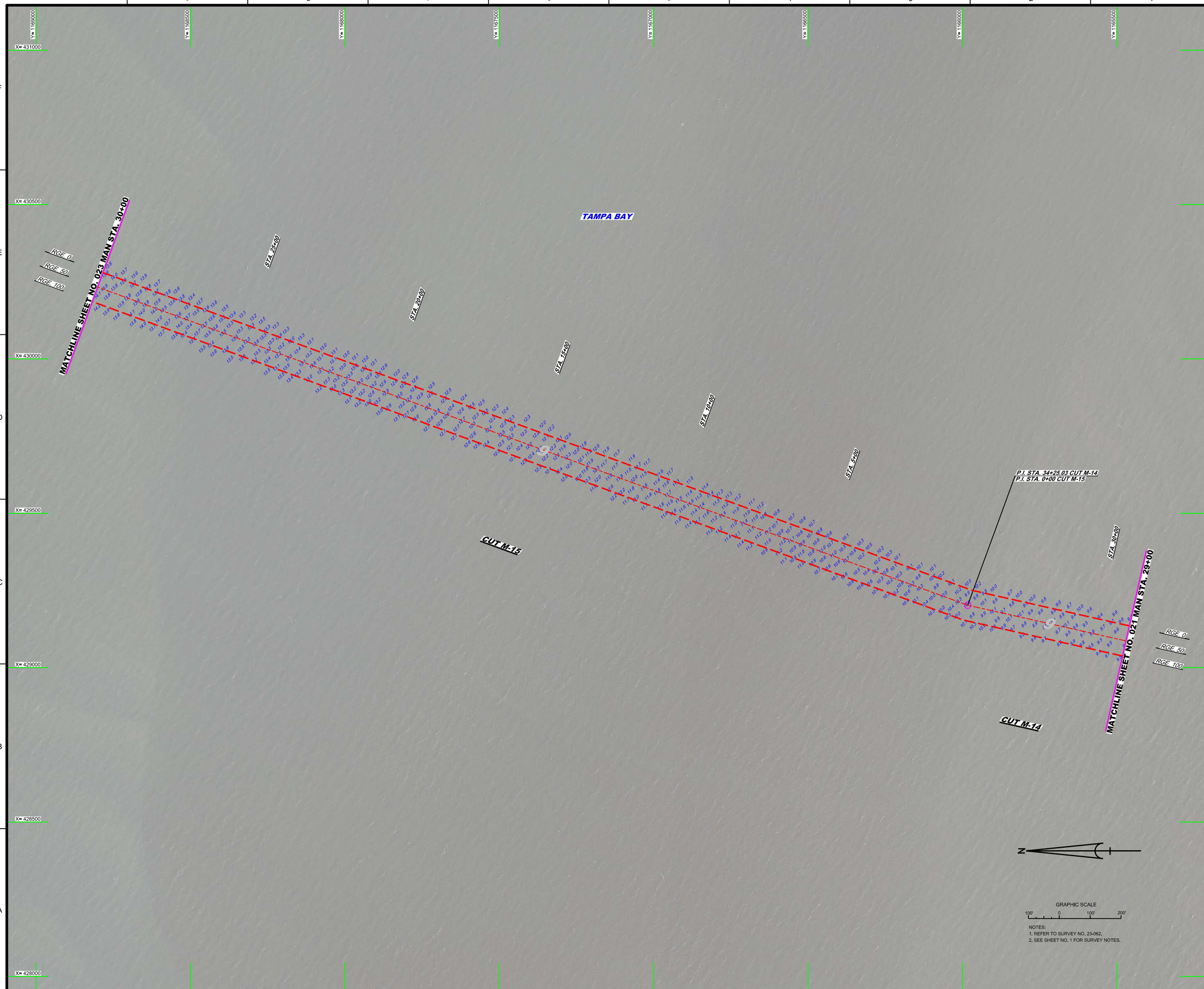
PLAN

Scale: AS SHOWN

Drawing no.

21

SHEET 21 OF 30



NOTES:
1. REFER TO SURVEY NO. 23-062.
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
Chkd by: CMR
Rev. No.
Date: JAN 2023

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
23-062-VSQUIL_ALL-CUTS.DGN
GMWV-C-NGMGCF.DGN
29-107-C-FS-BRDR_MAN.DGN
Reference files:
23-062-VHD22_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 29+00 CUT M-14 THRU STA. 30+00 CUT M-15

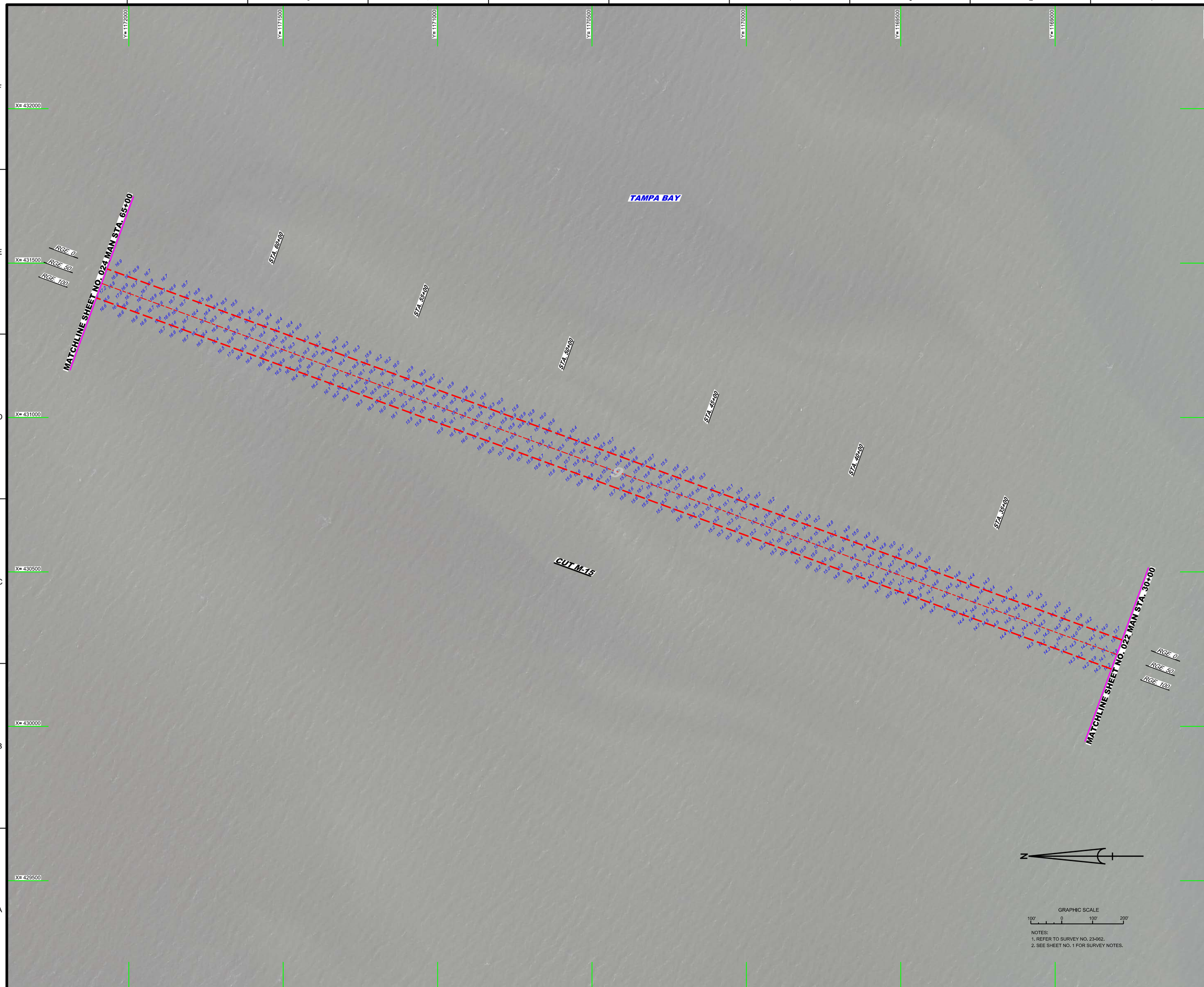
PLAN

Scale: AS SHOWN

Drawing no.

22

SHEET 22 OF 30



NOTES:
1. REFER TO SURVEY NO. 23-062.
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: JAN 2023

CYYYYXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
23-062-VSQUIL_ALL-CUTS.DGN
GMWV-C-NGMGCF.DGN
20-107-C-FS-BRDR_MAN.DGN
Reference files:
23-062-VHD23_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 30+00 THRU STA. 65+00 CUT M-15

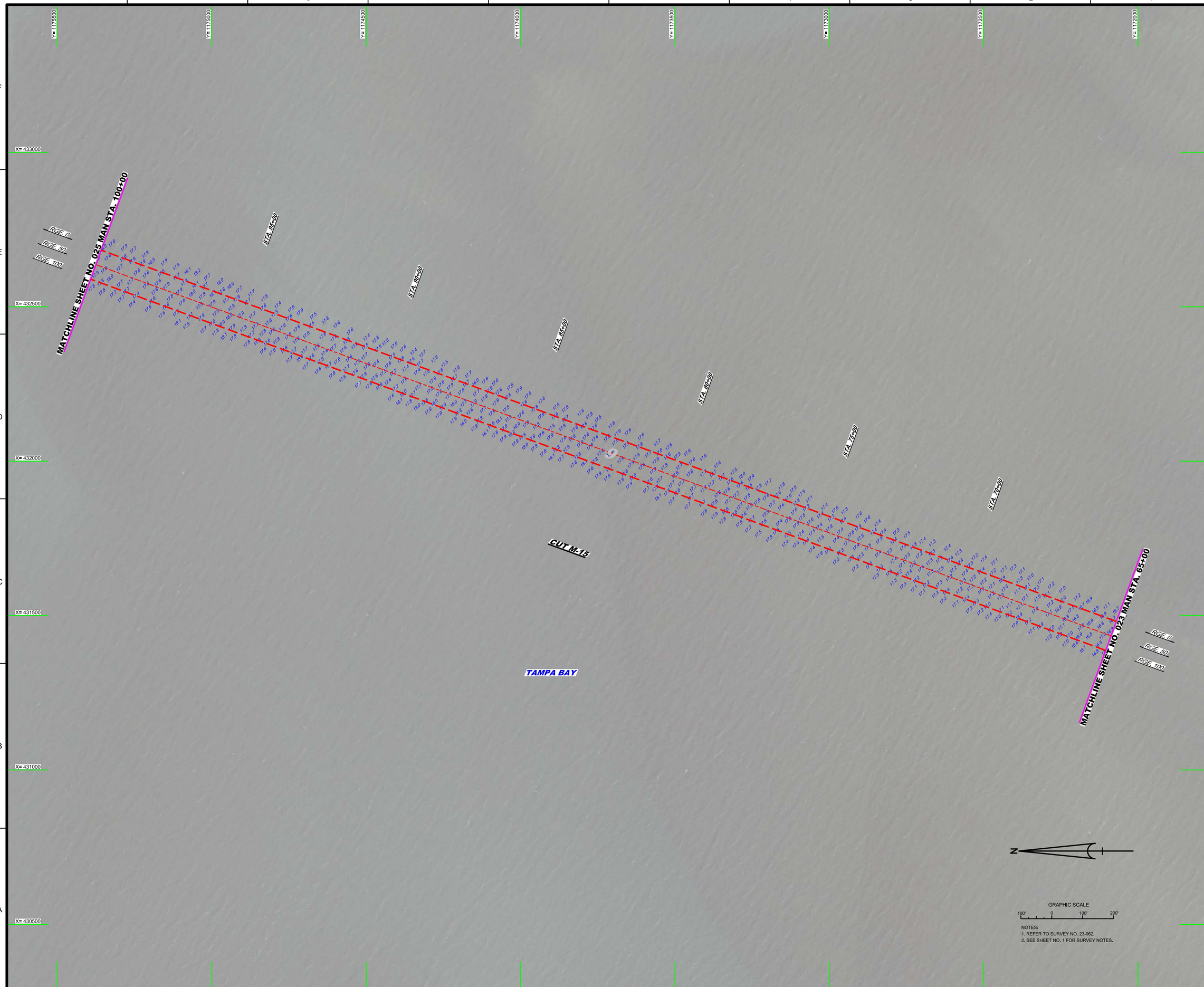
PLAN

Scale: AS SHOWN

Drawing no.

23

SHEET 23 OF 30



NOTES:
1. REFER TO SURVEY NO. 23-062.
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'd by: CMR
Rev. No.
Date: JAN 2023

Reference files:
XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
23-062-VSOUN_ALL-CUTS.DGN
GMWV-C-NGMGCF.DGN
20-107-C-ES-BRDR_MAN.DGN
Reference file:
23-062-VHD24_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 65+00 THRU STA. 100+00 CUT M-15

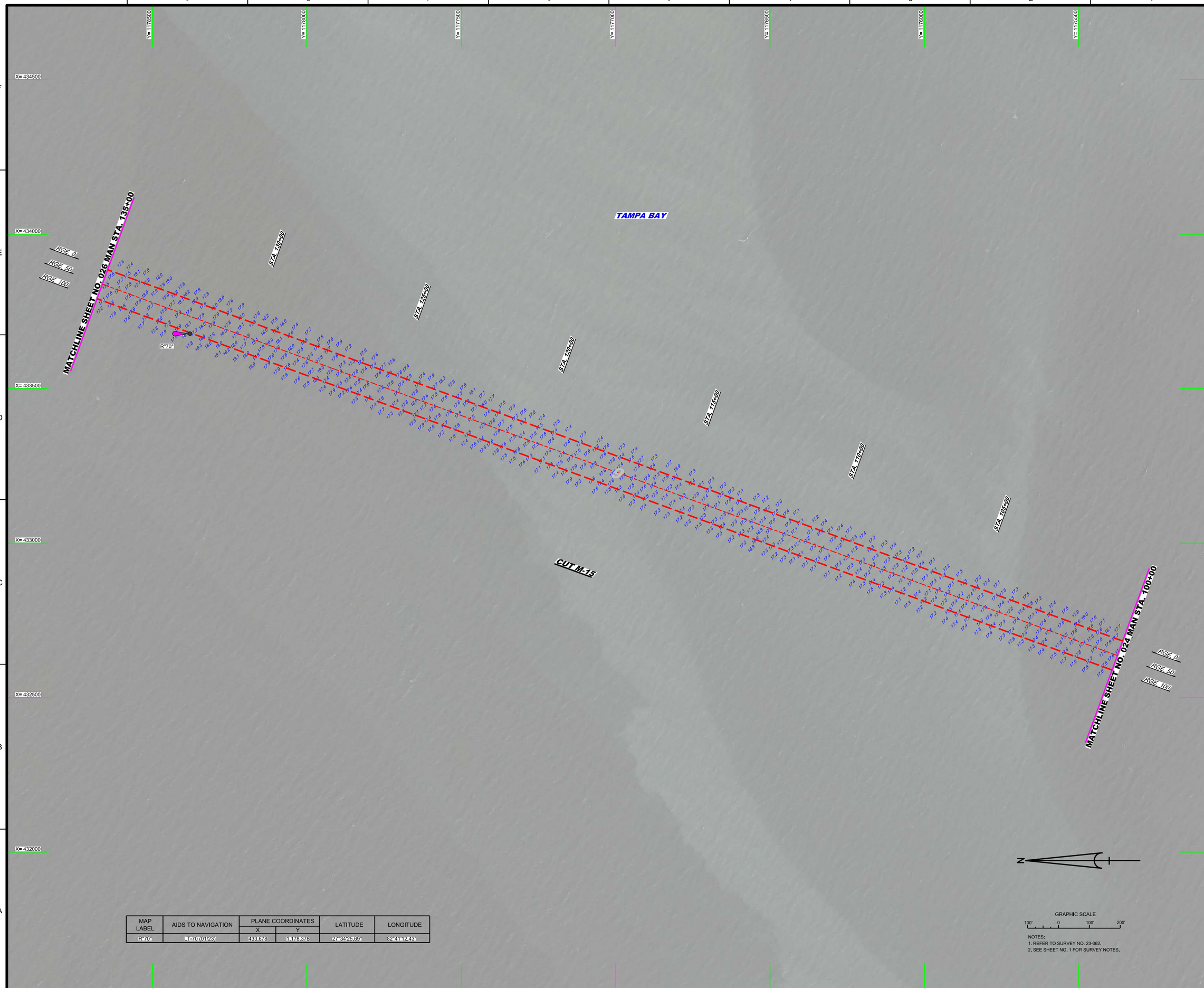
PLAN

Scale: AS SHOWN

Drawing no.

24

SHEET 24 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"70"	L-70 (01/23)	433,678	1,178,378	27° 34' 25.69"	82° 41' 12.43"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-062.
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
Chkd by: CMR
Rev. No.
Date: JAN 2023

Reference files:
CWWXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
23-062-N-SOUN_ALL.DGN
23-062-N-SOUN_ALLCUTS.DGN
GWW-C-NGMGCF.DGN
20-107-C-FS-BRDR_MAN.DGN
File name: 23-062-VHD25_MAN.DGN

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 100+00 THRU STA. 135+00 CUT M-15

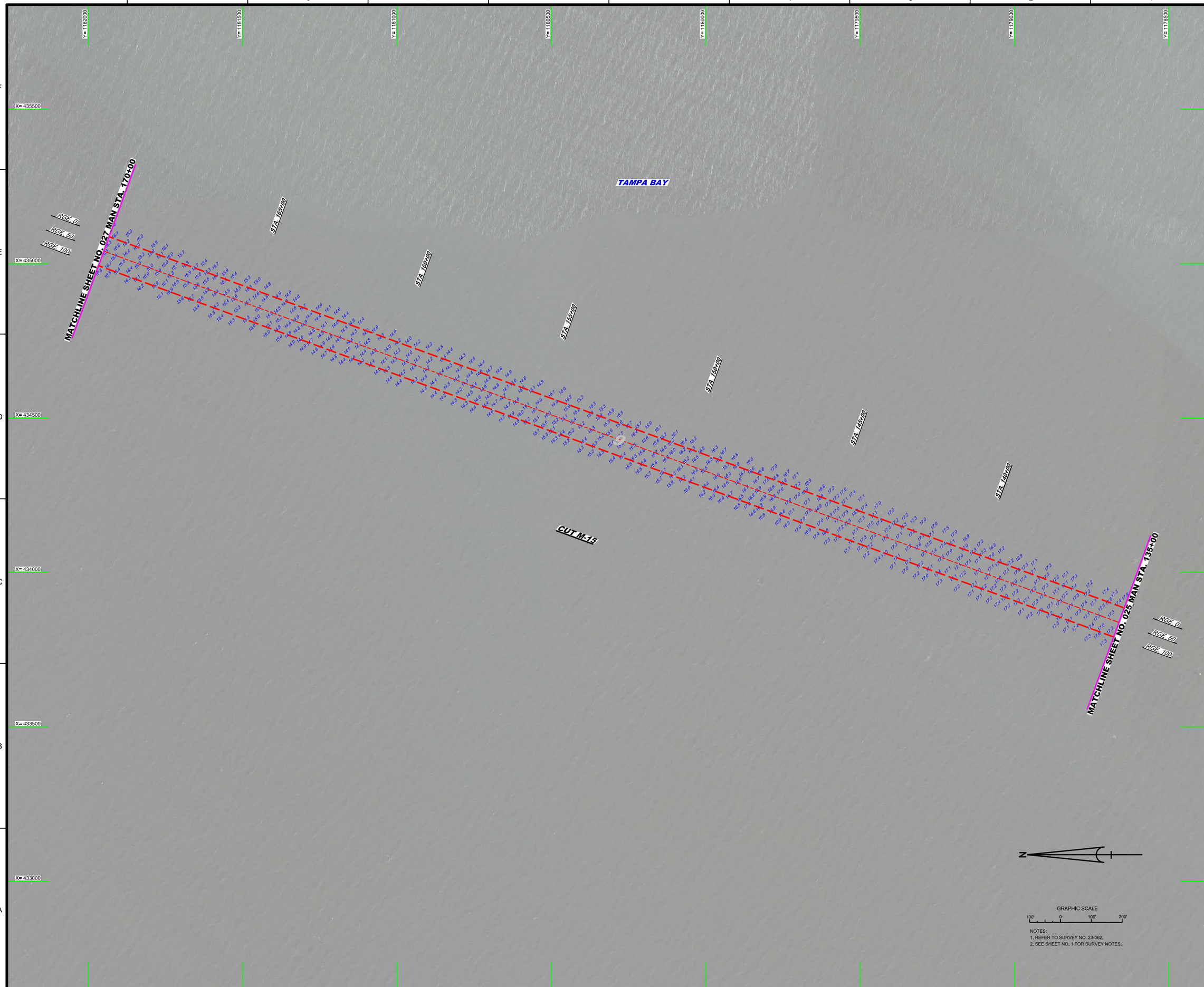
PLAN

Scale: AS SHOWN

Drawing no.

25

SHEET 25 OF 30



NOTES:
1. REFER TO SURVEY NO. 23-062.
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: CMR
Rev. No.
Date: JAN 2023

I:\XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
23-062-V-SQUIL-ALL-CUTS.DGN
GMVV-C-NGMCGF.DGN
09-107-C-FS-SHDR_MAN.DGN
Reference files:

23-062-V-H026_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 135+00 THRU STA. 170+00 CUT M-15

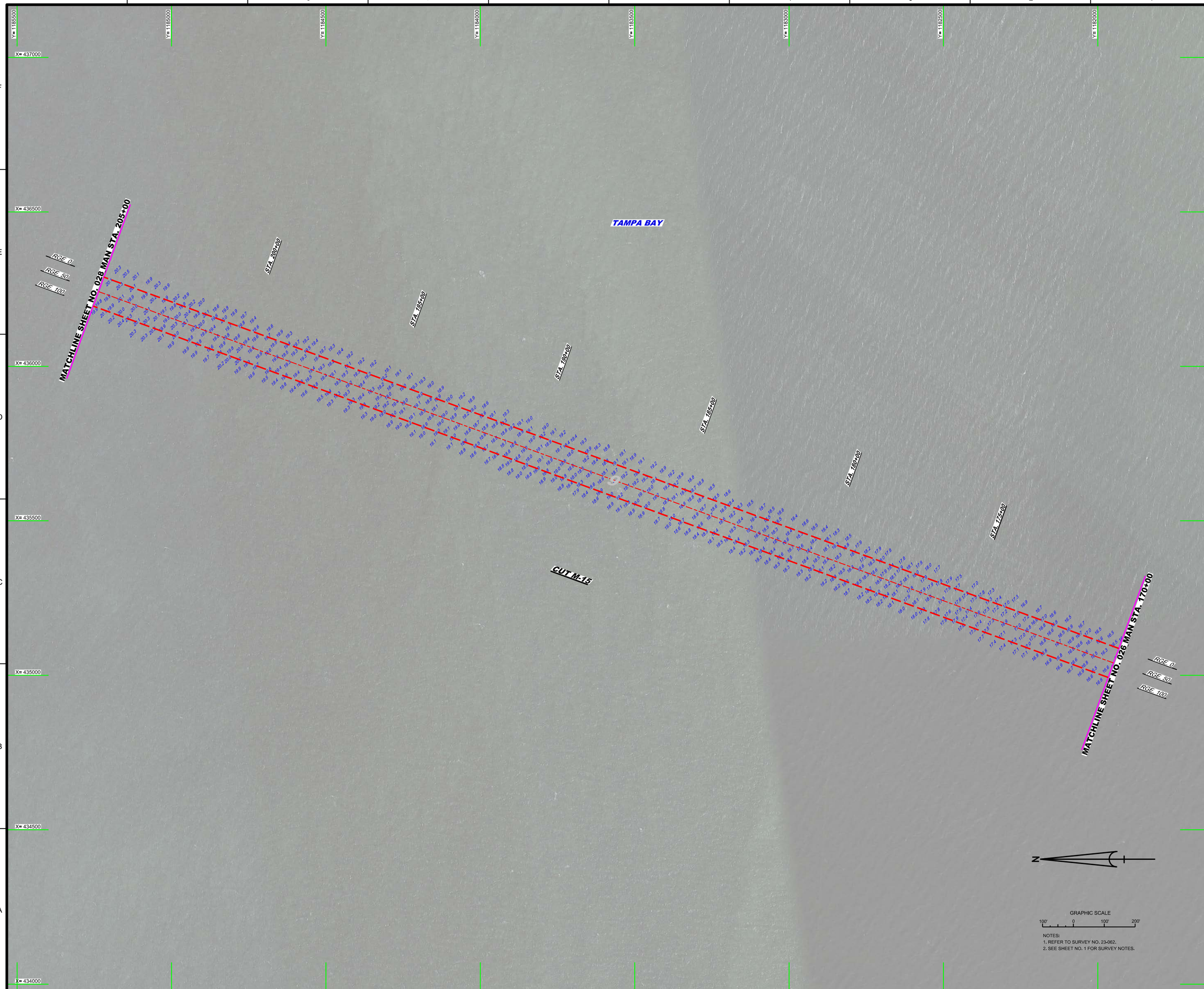
PLAN

Scale: AS SHOWN

Drawing no.

26

SHEET 26 OF 30



NOTES:
1. REFER TO SURVEY NO. 23-062.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

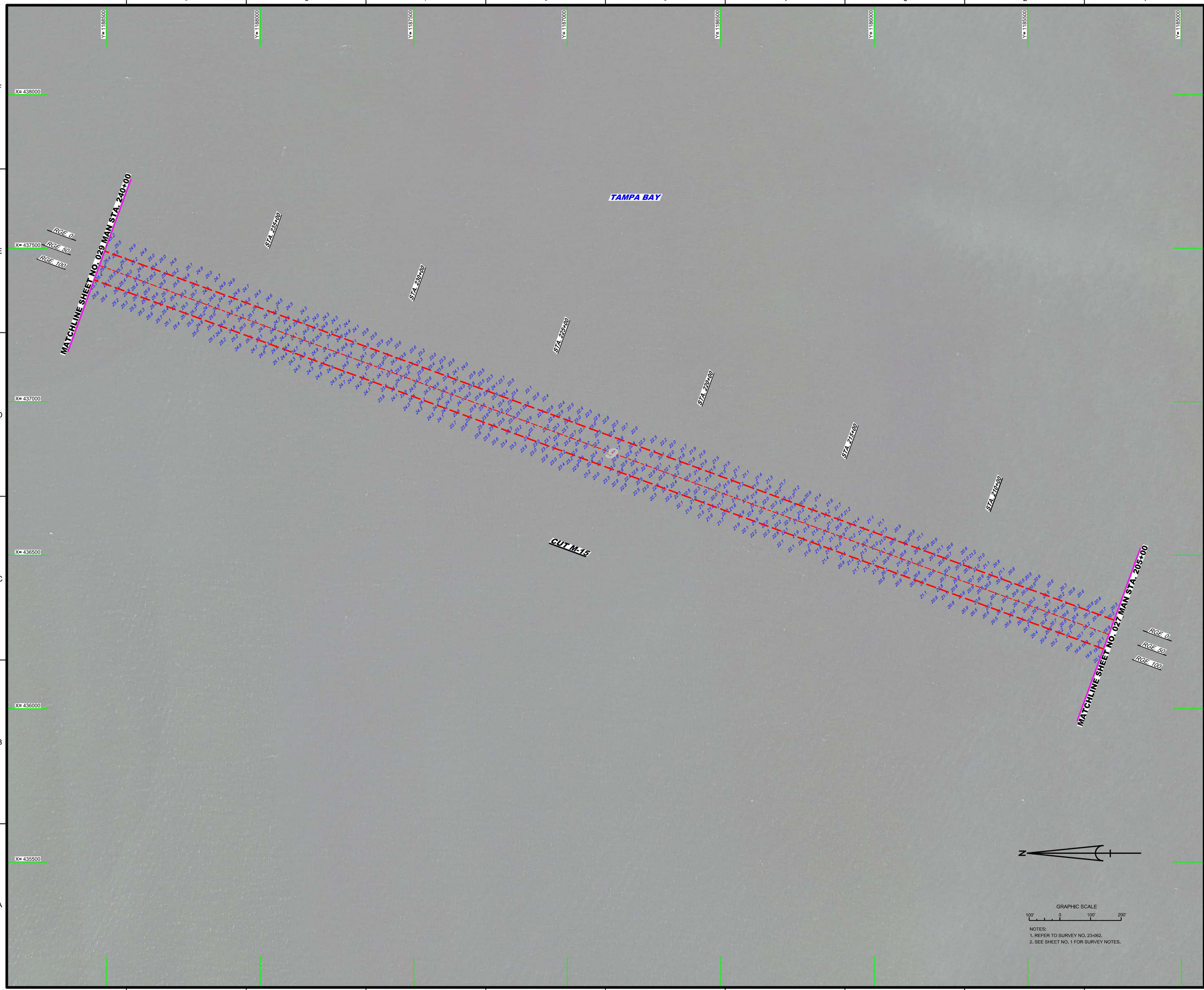
SAFETY ON THIS JOB DEPENDS ON YOU

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: JAN 2023

Reference files:
LVXXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
23-062-VSOUNDINGS.DGN
23-062-VSOUNDINGS.DGN
23-062-VSOUNDINGS



NOTES:
1. REFER TO SURVEY NO. 23-062.
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
Proj. No.
Date: JAN 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-062-A-SQUN_ALLCUTS.DGN
GRWW-C-NGMCSF.DGN
20-107-C-BS-BRDR_MAN.DGN
Reference files:
23-062-HH-029_MAN.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 205+00 THRU STA. 240+00 CUT M-15

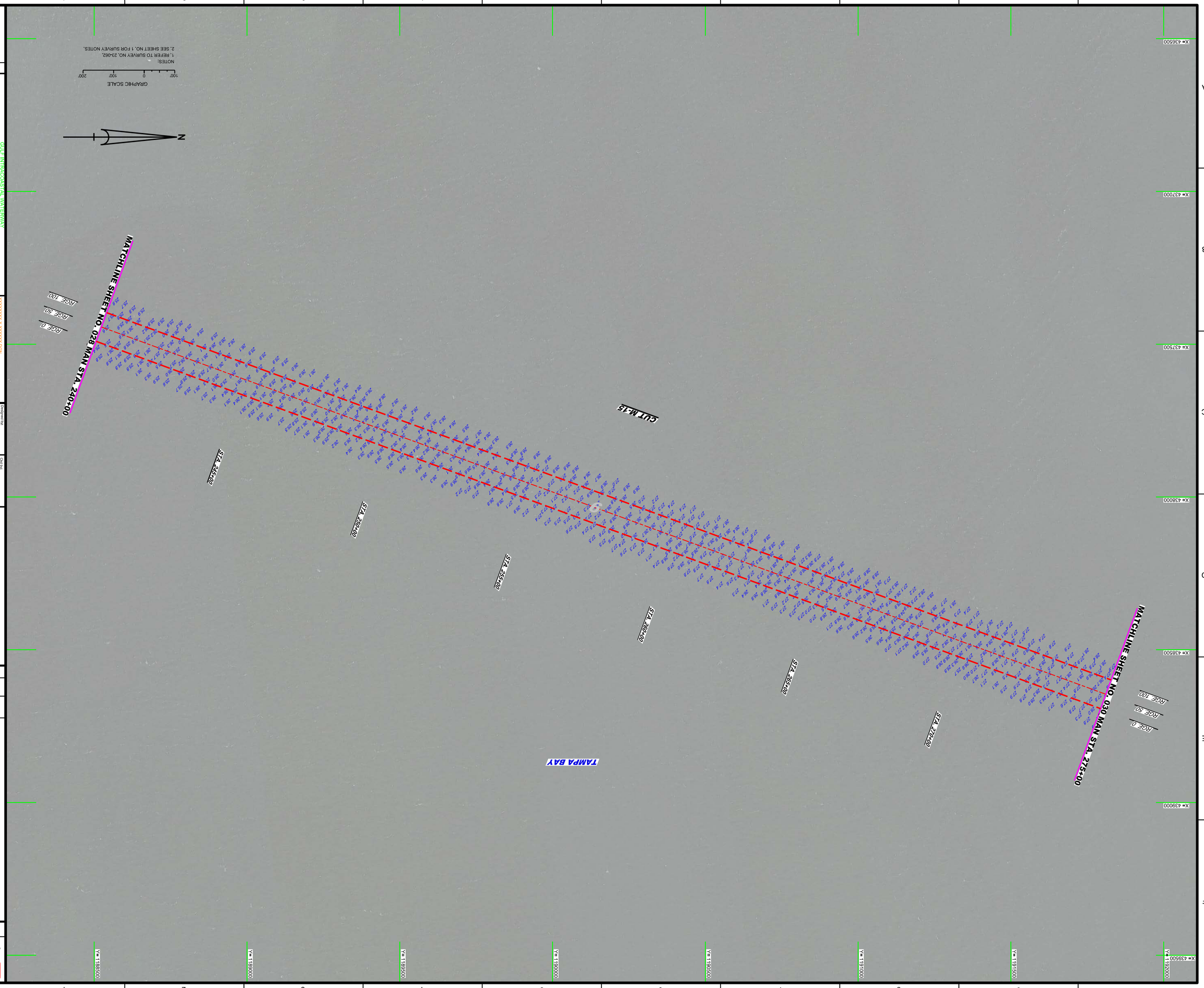
PLAN

Scale: AS SHOWN

Drawing no.

28

SHEET 28 OF 30



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
Checked by: GMR
Drawn by: WRM
Trv. No.:
Date: JAN 2023

Reference files:
22x36GLVH-H20_MAN.DGN
File name:

SHELLINI RECREATIONAL WATERWAY
CALOOSAHATCHEE RIVER TO ANCLOTE RIVER
MANATEE COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 240+00 THRU STA. 275+00 CUT M-15

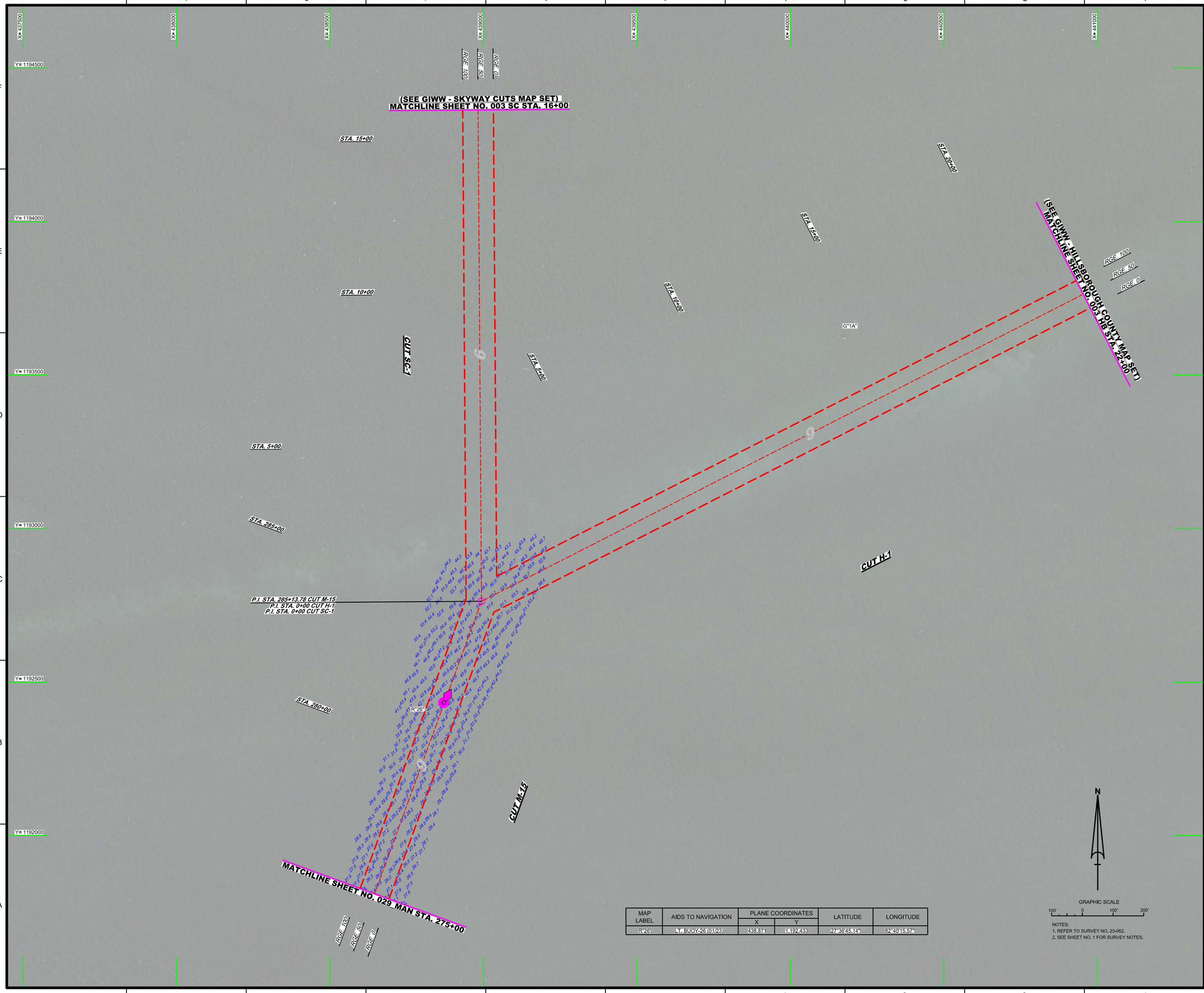
PLAN

Scale: AS SHOWN

Drawing no.

29

SHEET 29 OF 30



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"26"	LT. BUOY-26 (01/23)	438,871	1,192,433	27°36'45.14"	82°40'15.57"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 23-062.
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
Cad by: CMR
Rev. No.
Date: JAN 2023

Reference files:
CWWW-C-XXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
23-062-N-SOUN_ALL CUTS.DGN
GIWW-C-NGMCCF.DGN
20-107-C-FS-BRDR_MAN.DGN

File name: 23-062-VHD30_MAN.DGN

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

HYDROGRAPHIC EXAM SURVEY FY23
9-FOOT PROJECT

STA. 275+00 THRU STA. 0+00 THRU STA. 16+00 THRU STA. 22+00
CUT H-1, CUT M-15, CUT SC-1, CUT SC-2

PLAN

Scale: AS SHOWN

Drawing no.

30

SHEET 30 OF 30