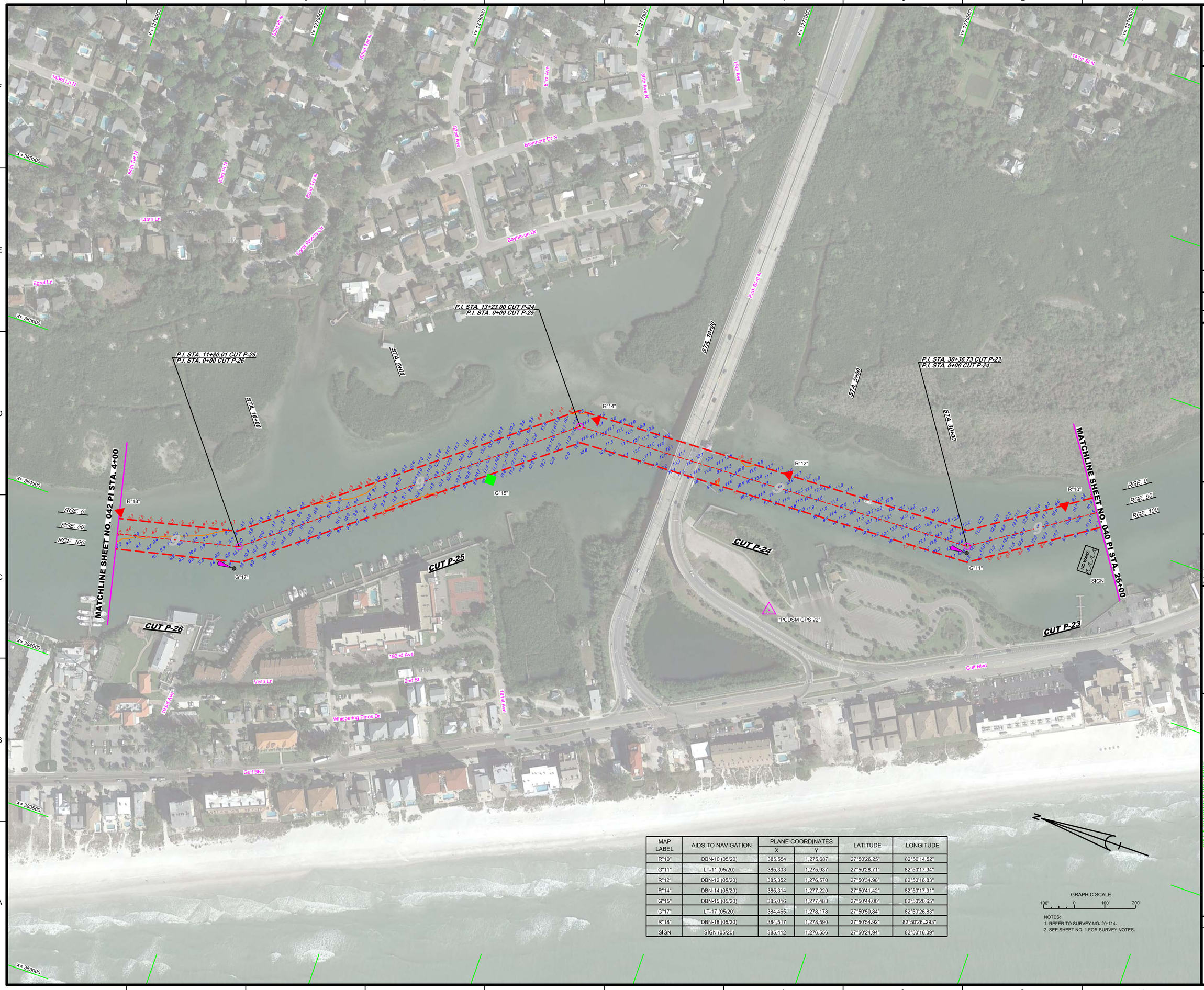


MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"10"	DBN-10 (05/20)	385,554	1,275,687	27°50'26.25"	82°50'14.52"
G"11"	LT-11 (05/20)	385,303	1,275,937	27°50'28.71"	82°50'17.34"
R"12"	DBN-12 (05/20)	385,352	1,276,570	27°50'34.98"	82°50'16.83"
R"14"	DBN-14 (05/20)	385,314	1,277,220	27°50'41.42"	82°50'17.31"
G"15"	DBN-15 (05/20)	385,016	1,277,483	27°50'44.00"	82°50'20.65"
G"17"	LT-17 (05/20)	384,465	1,278,178	27°50'50.84"	82°50'26.83"
R"18"	DBN-18 (05/20)	384,517	1,278,590	27°50'54.92"	82°50'26..293"
SIGN	SIGN (05/20)	385,412	1,276,556	27°50'24.94"	82°50'16.09"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: VIRM
Drawn by: VIRM
Checked by: CMR
Rev. No.
Date: MAY 2020

20-114-VHD41_P23.DGN
20-114-VHD41_P24.DGN
20-114-VHD41_P25.DGN
20-114-VHD41_P26.DGN
20-114-SOUN_P23.DGN
20-114-SOUN_P24.DGN
20-114-SOUN_P25.DGN
20-114-SOUN_P26.DGN
GBWV-C-NGMCGF.DGN
20-114-CESHDR.DGN
Reference files:
20-114-VHD41_PLD.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA.26+00 CUT P-23 THRU STA. 4+00 CUT P-26

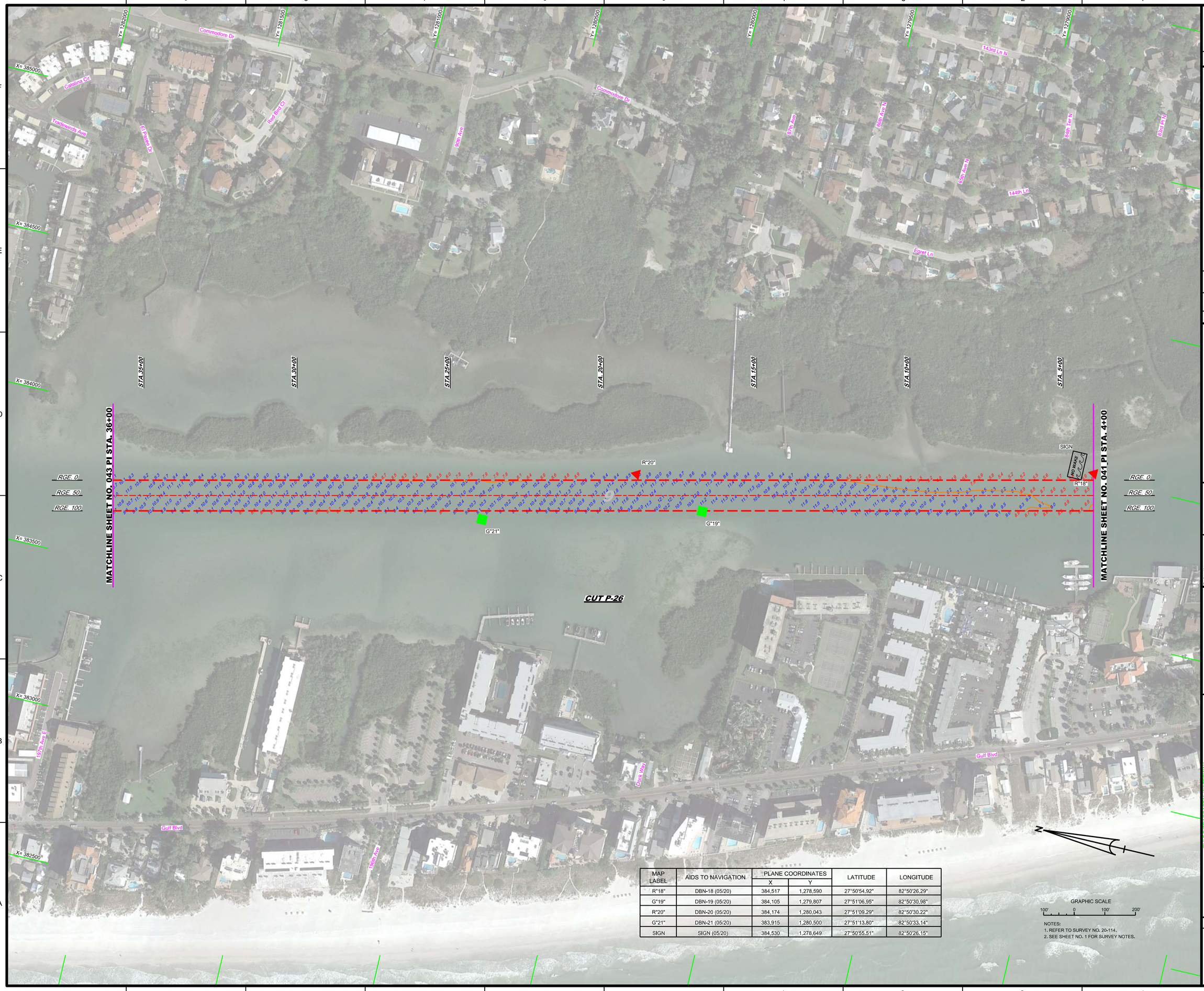
PLAN

Scale: AS SHOWN

Drawing no.

41

SHEET 41 OF 78



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"18"	DBN-18 (05/20)	384,517	1,278,590	27°50'54.92"	82°50'26.29"
G"19"	DBN-19 (05/20)	384,105	1,279,807	27°51'06.95"	82°50'30.98"
R"20"	DBN-20 (05/20)	384,174	1,280,043	27°51'09.29"	82°50'30.22"
G"21"	DBN-21 (05/20)	383,915	1,280,500	27°51'13.80"	82°50'33.14"
SIGN	SIGN (05/20)	384,530	1,278,649	27°50'55.51"	82°50'26.15"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Chief by: CMR
Designed by: VRM
DWN by: VRM
Rev. No.
Date: MAY 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-114-V-NAV.DGN
20-114-V-XXXXXX.DGN
20-114-V-SOUN_P26.DGN
GMW-C-XSMCF.DGN
20-114-C-BSHDR.DGN
Reference files:
20-114-V-H342_PI.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 4+00 THRU STA. 36+00 CUT P-26

PLAN

Scale: AS SHOWN

Drawing no.

42

SHEET 42 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"22"	DBN-22 (05/20)	383,715	1,281,744	27°51'26.10"	82°50'35.47"
G"23"	DBN-23 (05/20)	383,426	1,282,622	27°51'34.77"	82°50'38.75"
R"24"	LT-24 (05/20)	383,315	1,293,260	27°51'41.09"	82°50'40.04"
G"25"	DBN-25 (05/20)	393,103	1,283,552	27°51'43.96"	82°50'42.43"
R"26"	DBN-26 (05/20)	382,688	1,284,525	27°51'53.57"	82°50'47.12"
G"27"	LT-27 (05/20)	382,574	1,284,488	27°51'53.19"	82°50'48.39"
SIGN	SIGN (05/20)	382,827	1,284,471	27°51'53.04"	82°50'45.57"

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: VIRM
DWN by: VIRM
Ckd by: GMR
Inv. No.
Date: MAY 2020

XXX-XX-X-XXXX-XXX.DGN
20-114-AAAA.DGN
20-114-VCONS.DGN
20-114-VSOUN_P26.DGN
20-114-VSOUN_P27.DGN
20-114-VSOUN_P28.DGN
GIWW-C-NGWCCF.DGN
20-114-C-BSGRDR.DGN
Reference files

20-114-VHAS_PL.DGN
File name

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 36+00 CUT P-26 THRU STA. 2+00 CUT P-28

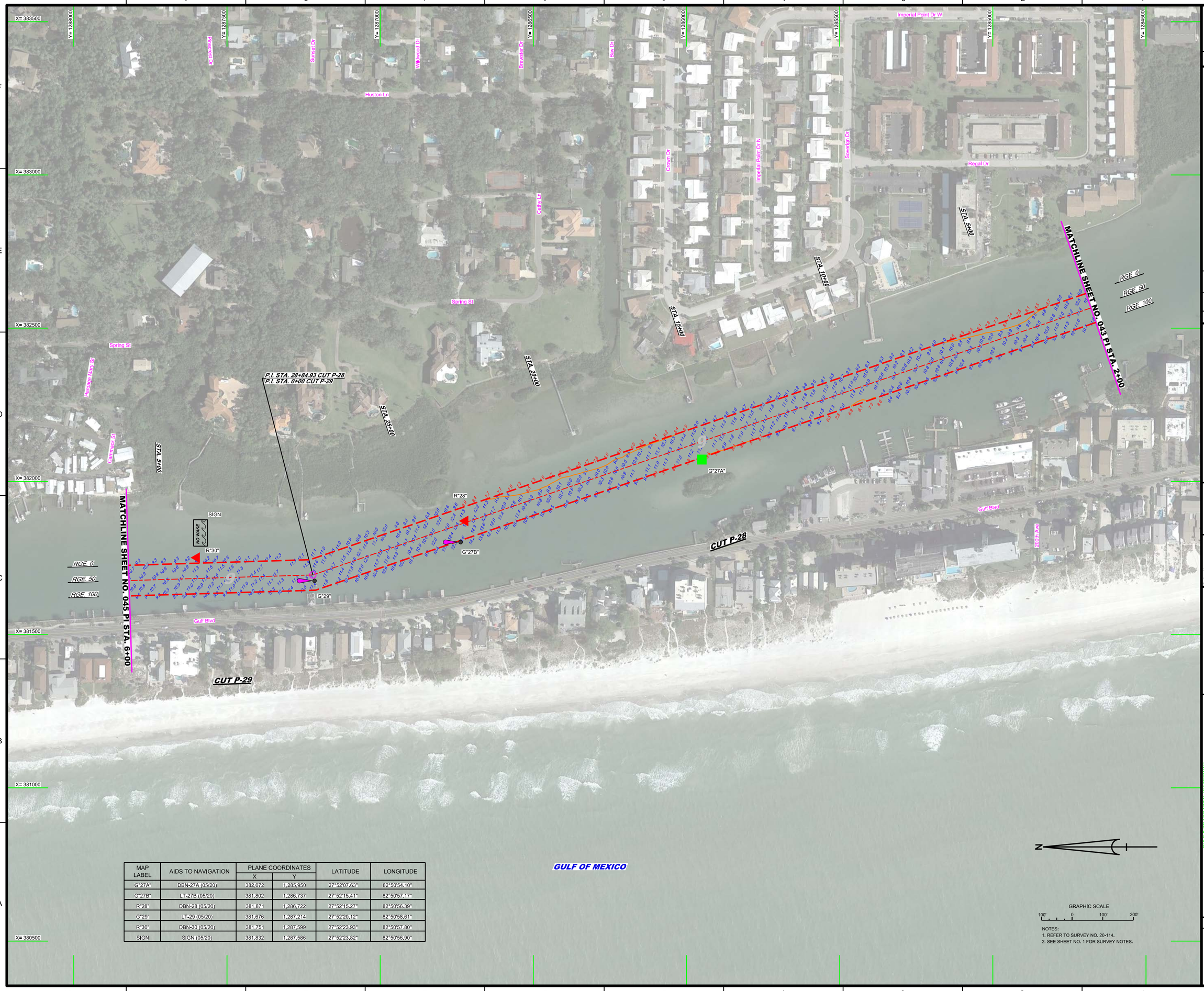
PLAN

Scale: AS SHOWN

Drawing no.

43

SHEET 43 OF 78



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"27A"	DBN-27A (05/20)	382,072	1,285,950	27°52'07.63"	82°50'54.10"
G"27B"	LT-27B (05/20)	381,802	1,286,737	27°52'15.41"	82°50'57.17"
R"28"	DBN-28 (05/20)	381,871	1,286,722	27°52'15.27"	82°50'56.39"
G"29"	LT-29 (05/20)	381,676	1,287,214	27°52'20.12"	82°50'58.61"
R"30"	DBN-30 (05/20)	381,751	1,287,599	27°52'23.93"	82°50'57.80"
SIGN	SIGN (05/20)	381,832	1,287,586	27°52'23.82"	82°50'56.90"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: VIRM
Drawn by: VIRM
Checked by: GMB
Rev. No.
Date: MAY 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-114-V-NAV.DGN
20-114-V-CONS.DGN
20-114-V-SUN_P-28.DGN
20-114-V-SUN_P-29.DGN
GMW-C-NGMCCF.DGN
20-114-C-BS-BRDR.DGN
Reference files:

20-114-V-H34_PLD.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 2+00 CUT P-28 THRU STA. 6+00 CUT P-29

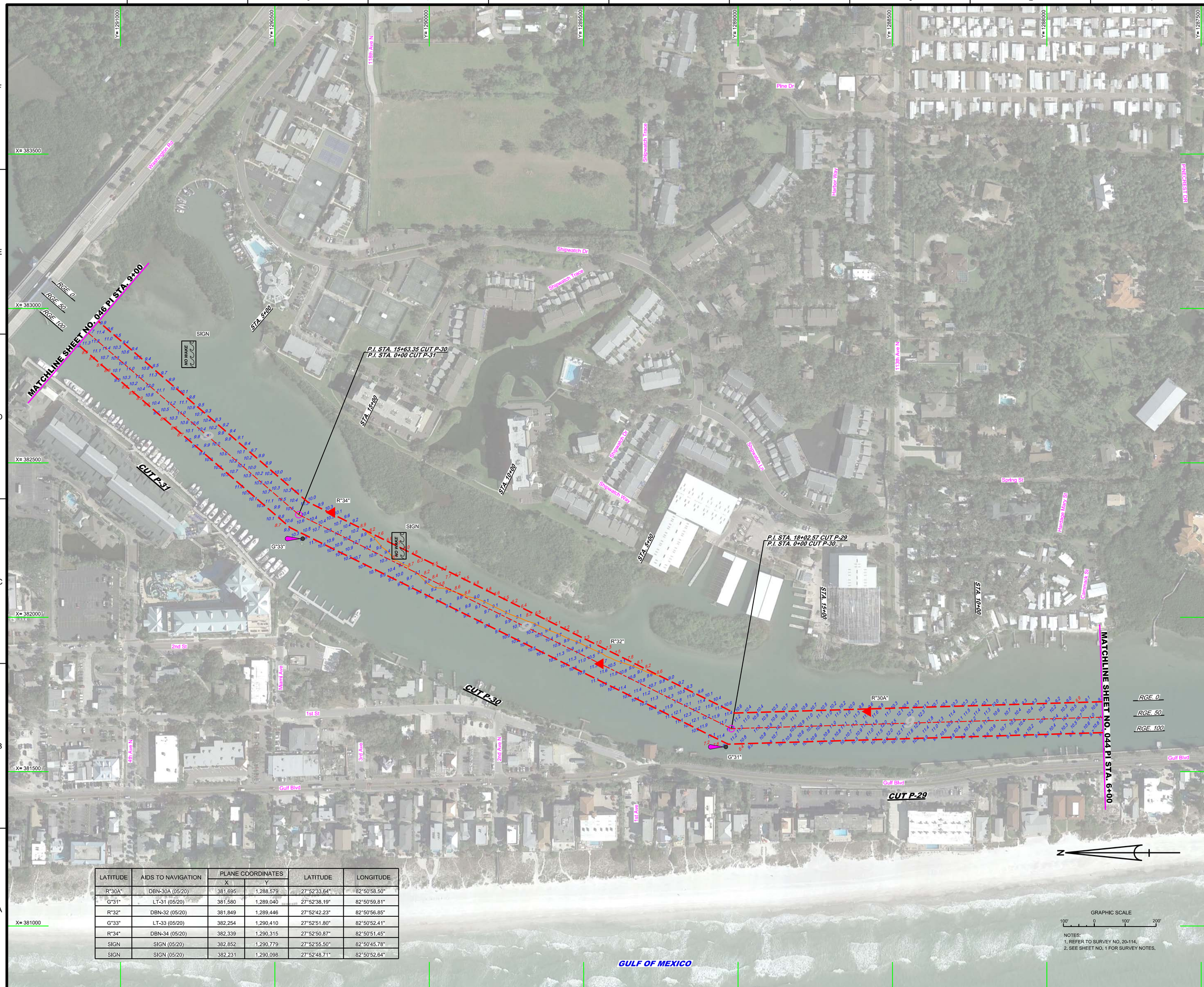
PLAN

Scale: AS SHOWN

Drawing no.

44

SHEET 44 OF 78



LATITUDE	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"30A"	DBN-30A (05/20)	381,695	1,288,579	27°52'33.64"	82°50'58.50"
G"31"	LT-31 (05/20)	381,580	1,289,040	27°52'38.19"	82°50'59.81"
R"32"	DBN-32 (05/20)	381,849	1,289,446	27°52'42.23"	82°50'56.85"
G"33"	LT-33 (05/20)	382,254	1,290,410	27°52'51.80"	82°50'52.41"
R"34"	DBN-34 (05/20)	382,339	1,290,315	27°52'50.87"	82°50'51.45"
SIGN	SIGN (05/20)	382,852	1,290,779	27°52'55.50"	82°50'45.78"
SIGN	SIGN (05/20)	382,231	1,290,098	27°52'48.71"	82°50'52.64"

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: VIRM
Drawn by: VIRM
Checked by: CMR
Rev. No.
Date: MAY 2020

20-XXXXXXXXXXXXXXXX.DGN
20-XXXXXXXXXXXXXXXX.DGN
20-114-V-SOUN_P29.DGN
20-114-V-SOUN_P30.DGN
20-114-V-SOUN_P31.DGN
GBWV-C-NGMCF.DGN
20-114-C-ESHDR.DGN
Reference files:

20-114-V-H045_PI.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 6+00 CUT P-29 THRU STA. 9+00 CUT P-31

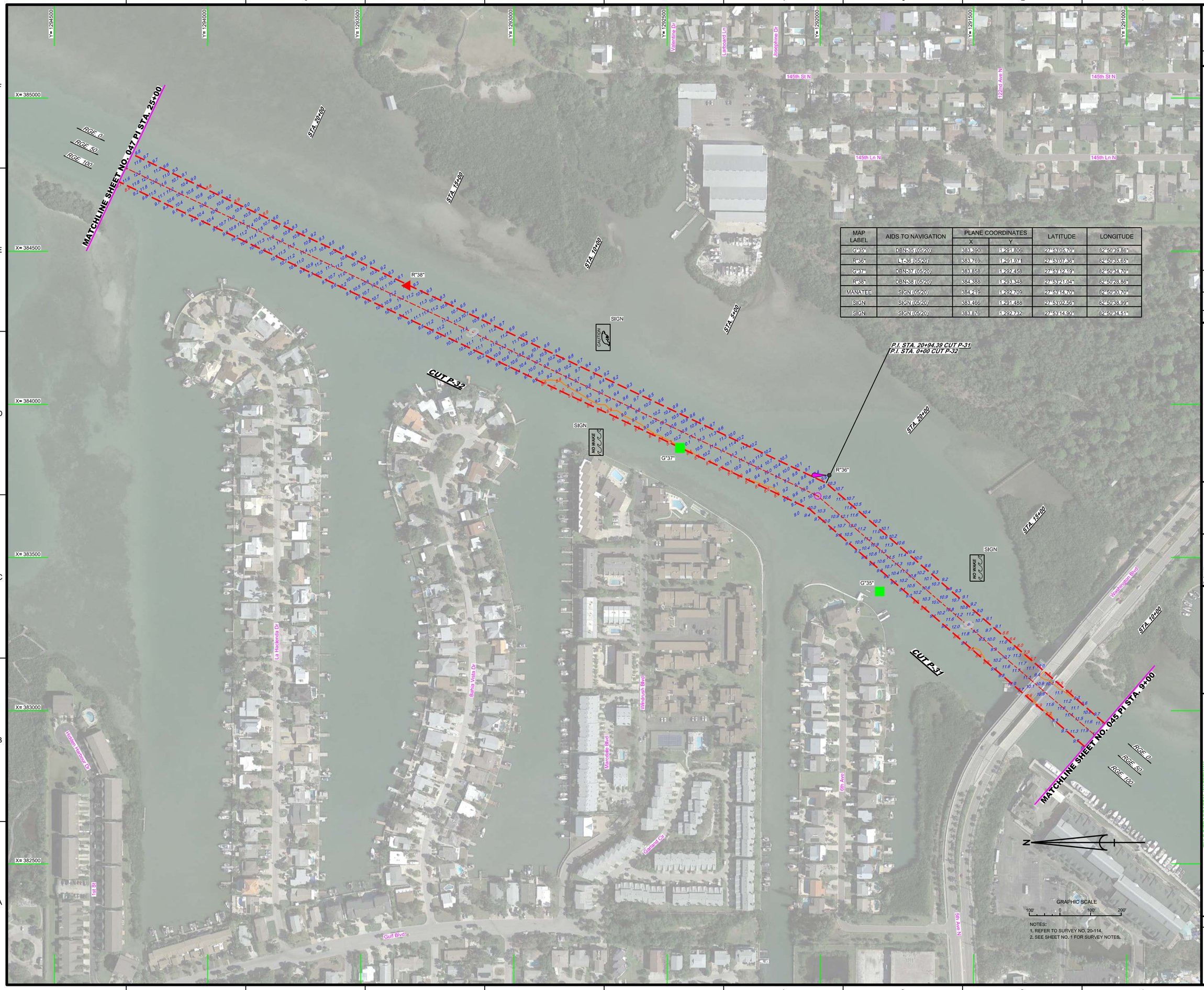
PLAN

Scale: AS SHOWN

Drawing no.

45

SHEET 45 OF 78



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"35"	DBN-35 (05/20)	383,390	1,291,806	27°53'05.70"	82°50'39.86"
R"36"	LT-36 (05/20)	383,769	1,291,971	27°53'07.36"	82°50'35.65"
G"37"	DBN-37 (05/20)	383,858	1,292,458	27°53'12.19"	82°50'34.70"
R"38"	DBN-38 (05/20)	384,388	1,293,348	27°53'21.04"	82°50'28.86"
MANATEE	SIGN (05/20)	384,219	1,292,709	27°53'14.70"	82°50'30.70"
SIGN	SIGN (05/20)	383,466	1,291,488	27°53'02.56"	82°50'38.99"
SIGN	SIGN (05/20)	383,876	1,292,732	27°53'14.90"	82°50'34.51"

NOTES:
1. REFER TO SURVEY NO. 20-114.
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 | Description

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

Designed by: VIRM
DWN by: VIRM
Chd by: CMR
Rev. No.
Date: MAY 2020

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
20-114-VVANAV.DGN
20-114-VC-CONS.DGN
20-114-VC-CONS-PLAN.DGN
20-114-VSOUN_P32.DGN
GBWV-C-NGMCF.DGN
20-114-C-ESHDR.DGN
Reference files:

20-114-VHD46_PLD.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 9+00 CUT P-31 THRU STA. 25+00 CUT P-32

PLAN

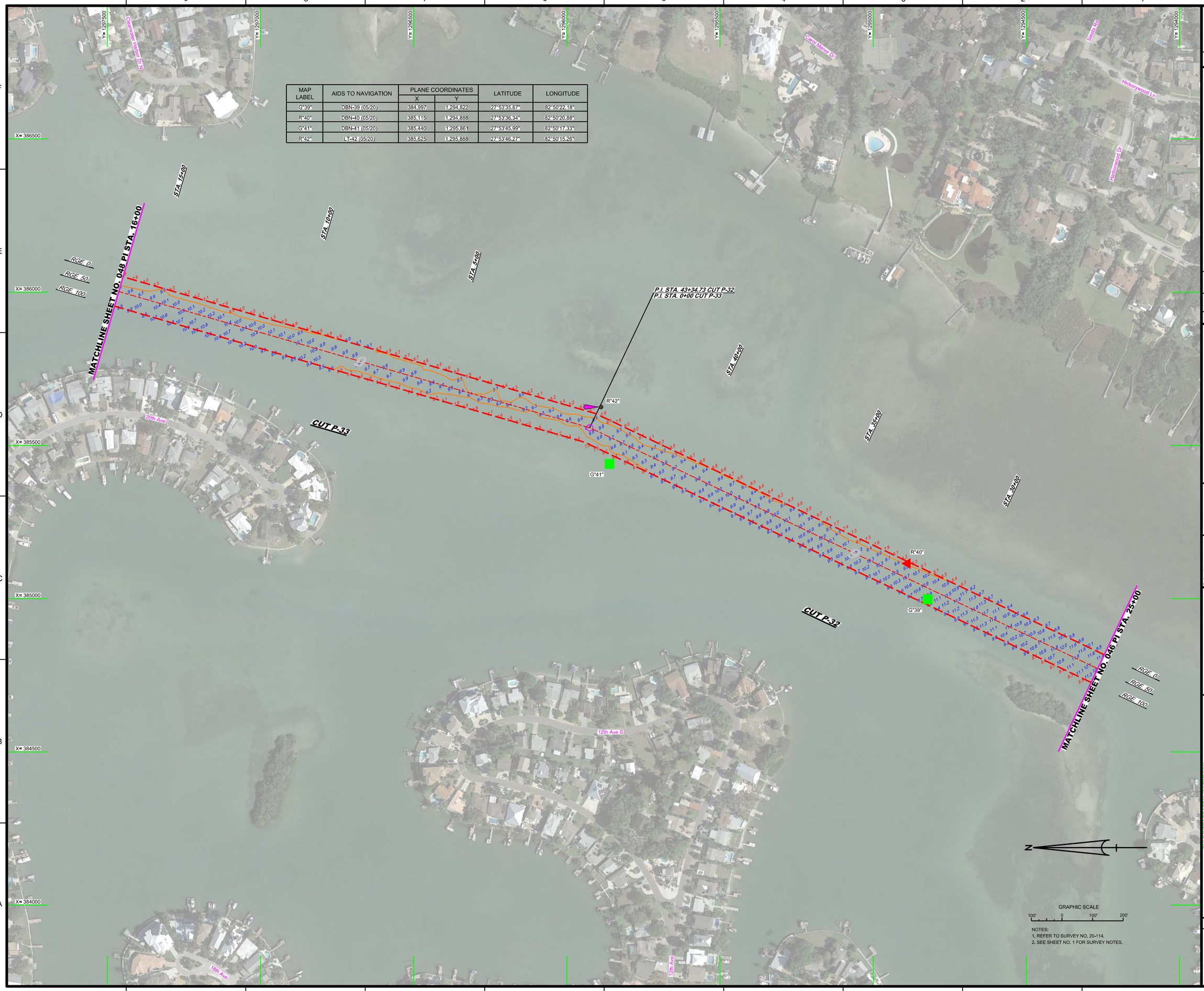
Scale: AS SHOWN

Drawing no.

46

SHEET 46 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"39"	DBN-39 (05/20)	384,997	1,294,822	27°53'35.67"	82°50'22.18"
R"40"	DBN-40 (05/20)	385,115	1,294,888	27°53'36.34"	82°50'20.88"
G"41"	DBN-41 (05/20)	385,440	1,295,861	27°53'45.99"	82°50'17.33"
R"42"	LT-42 (05/20)	385,625	1,295,888	27°53'46.27"	82°50'15.26"



NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Cad by: GMR
Designed by: WRM
DWN by: WRM
Rev. No.
Date: MAY 2020

Reference files:
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
20-114-VONAV.DGN
20-114-CONB.DGN
20-114-SOUN_PLAN.DGN
20-114-SOUN_P-33.DGN
GIWW-CONGMCF.DGN
20-114-CABS-BRDR.DGN
20-114-VH-047_PI.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 25+00 CUT P-32 THRU STA. 16+00 CUT P-33

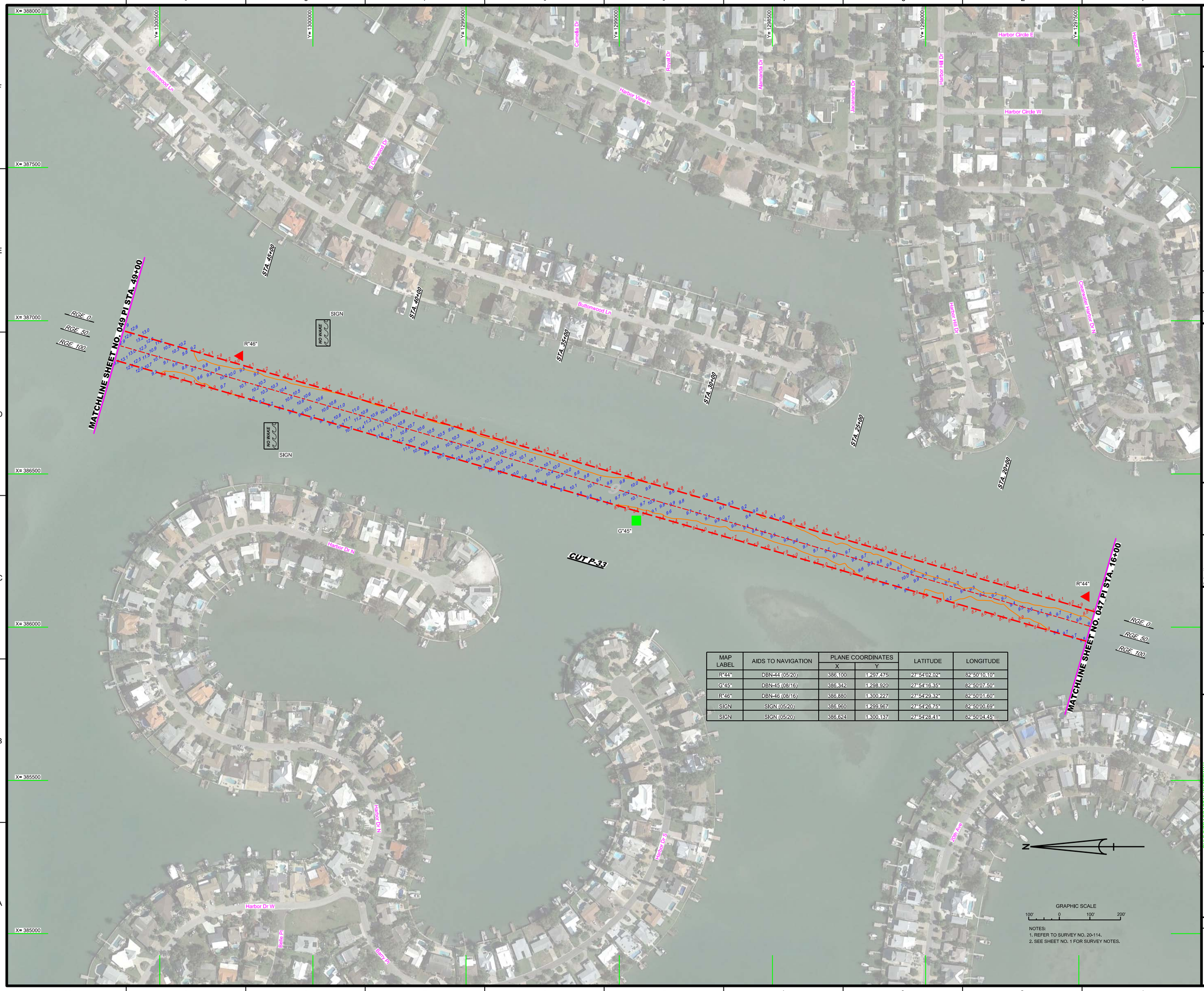
PLAN

Scale: AS SHOWN

Drawing no.

47

SHEET 47 OF 78



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"44"	DBN-44 (05/20)	386,100	1,297,475	27°54'02.02"	82°50'10.10"
G"45"	DBN-45 (08/16)	386,342	1,298,920	27°54'16.35"	82°50'07.50"
R"46"	DBN-46 (08/16)	386,880	1,300,227	27°54'29.32"	82°50'01.60"
SIGN	SIGN (05/20)	386,960	1,299,967	27°54'26.75"	82°50'00.69"
SIGN	SIGN (05/20)	386,624	1,300,137	27°54'28.41"	82°50'04.45"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: VIRM
Drawn by: VIRM
Checked by: CMR
Rev. No.
Date: MAY 2020

Reference files:
X:\XXXXXXXX-XXXXXXX.DGN
X:\XXXXXXXX-XXXXXXX.DGN
X:\XXXXXXXX-XXXXXXX.DGN
20-114-V-NAV.DGN
20-114-V-SOUND.DGN
20-114-V-SOUN_P33.DGN
GBWV-C-NGMCF.DGN
20-114-C-ESHDR.DGN
File name: 20-114-V-H048_PLD.DGN

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 16+00 THRU STA. 49+00 CUT P-33

PLAN

Scale: AS SHOWN

Drawing no.

48

SHEET 48 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"47"	LT-47 (05/20)	387,273	1,302,075	27°54'47.64"	82°49'57.37"
SIGN	SIGN (05/20)	387,882	1,302,837	27°54'55.23"	82°49'50.64"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.
Date: MAY 2020

Reference files:
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
20-114A-CON0.DGN
20-114A-CON1.DGN
20-114A-SOUN_P34.DGN
GMWH-CNGMCSF.DGN
20-114-CB-BRGR.DGN
File name: 20-114-VHH49_PI.DGN

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 49+00 CUT P-33 THRU STA. 20+00 CUT P-34

PLAN

Scale: AS SHOWN

Drawing no.

49

SHEET 49 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"1"	DBN-1 (05/20)	388,820	1,306,050	27°55'27.10"	82°49'40.43"
G"1A"	DBN-1A (05/20)	389,132	1,306,745	27°55'34.01"	82°49'37.00"
R"2"	NUN BUOY-2 (05/20)	388,973	1,306,011	27°55'26.72"	82°49'38.72"
SIGN	SIGN (05/20)	388,240	1,303,864	27°55'05.42"	82°49'46.73"
SIGN	SIGN (05/20)	387,888	1,303,955	27°55'06.30"	82°49'50.65"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Cad by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: MAY 2020

XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
20-114-V-NAV.DGN
20-114-V-SOUND.DGN
20-114-V-SOUN_P34.DGN
GIWW-C-NGMCF.DGN
20-114-C-ESHRDR.DGN
Reference files:
20-114-VHD50_PLD.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 20+00 THRU STA. 54+00 CUT P-34

PLAN

Scale: AS SHOWN

Drawing no.

50

SHEET 50 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"3"	DBN-3 (05/20)	389,390	1,307,454	27°55'41.04"	82°49'34.17"
R"4"	LT-4 (05/20)	389,545	1,307,460	27°55'41.11"	82°49'32.45"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: VIRM
DWN by: VIRM
Ckd by: GMR
Rev. No.
Date: MAY 2020

I:\XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
20-114-V-NAV.DGN
20-114-V-SOUND.DGN
20-114-V-SOUN_F14.DGN
GMW-C-NGMCF.DGN
20-114-C-ES-BRDR.DGN
Reference files:
20-114-VH051_PLD.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 54+00 THRU STA. 88+00 CUT P-34

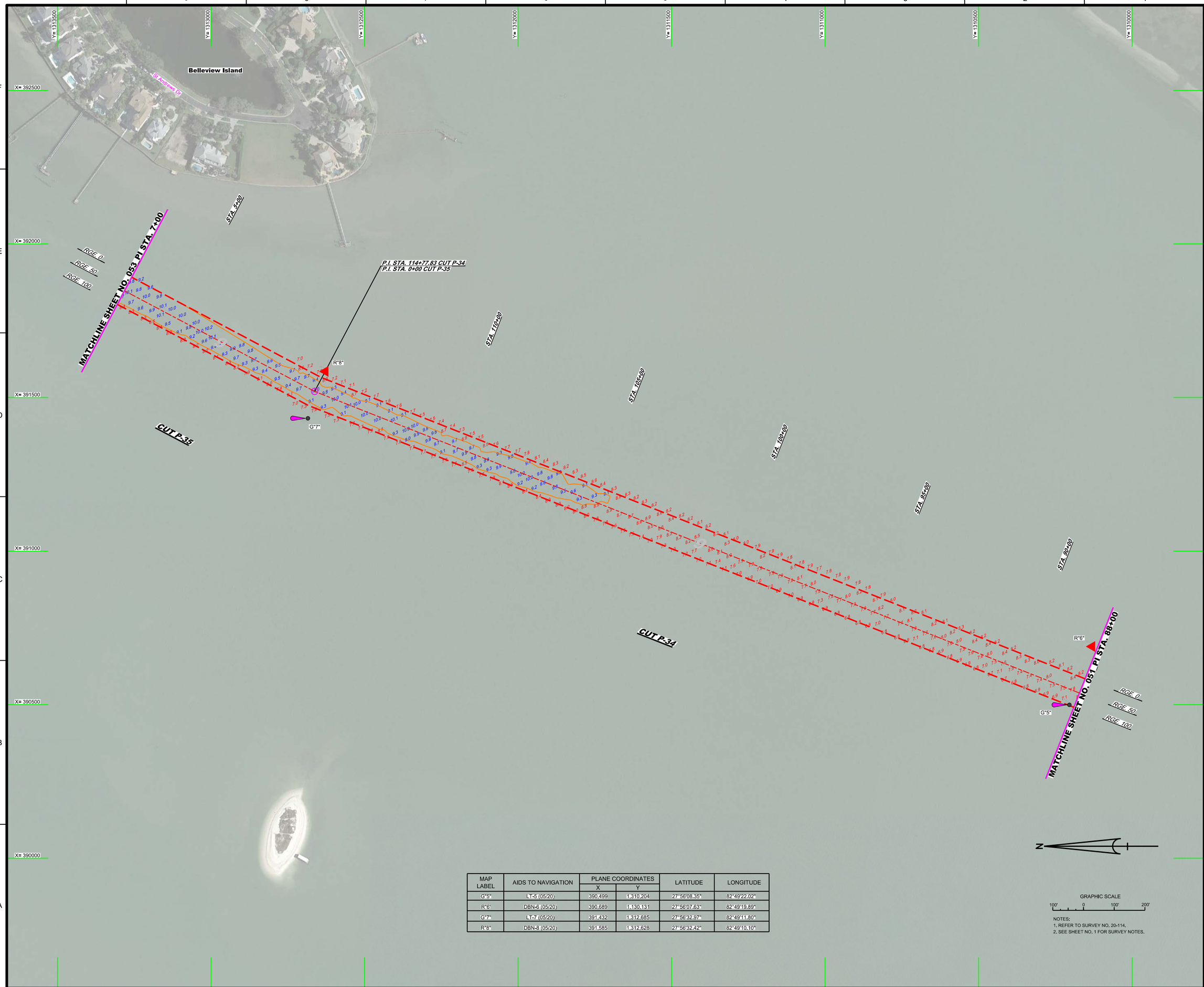
PLAN

Scale: AS SHOWN

Drawing no.

51

SHEET 51 OF 78



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"5"	LT-5 (05/20)	390,499	1,310,204	27°56'08.35"	82°49'22.02"
R"6"	DBN-6 (05/20)	390,689	1,130,131	27°56'07.63"	82°49'19.89"
G"7"	LT-7 (05/20)	391,432	1,312,685	27°56'32.97"	82°49'11.80"
R"8"	DBN-8 (05/20)	391,585	1,312,628	27°56'32.42"	82°49'10.10"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: VIRM
DWN by: VIRM
Chk by: CMR
Rev. No.
Date: MAY 2020

XXXXXXXXXX-XXXXXXX.DGN
20-114-VVNAV.DGN
20-114-VC-CONS.DGN
20-114-VC-SOUN_PLAN.DGN
20-114-VC-SOUN_PS5.DGN
GBWV-C-NGMCF.DGN
20-114-C-ES-SHDR.DGN
Reference files:

20-114-VHHS52_PLD.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 88+00 CUT P-34 THRU STA. 7+00 CUT P-35

PLAN

Scale: AS SHOWN

Drawing no.

52

SHEET 52 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"8A"	DBN-8A (05/20)	392,055	1,313,516	27°56'41.24"	82°49'04.92"
R"10"	DBN-10 (05/20)	392,661	1,314,640	27°56'52.41"	82°48'58.25"
G"11"	DBN-11 (05/20)	393,297	1,316,172	27°57'07.62"	82°48'51.27"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Drawn by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: AUG 2016

Reference files:
I:\XXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
20-114-V-NAV.DGN
20-114-V-SOUND.DGN
20-114-V-SOUN_P35.DGN
GBWV-C-NGMCF.DGN
16-134-C-ESHDR.DGN

File name: 20-114-V-H053_PLD.DGN

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

PROJECT CONDITION SURVEY FY16
9-FOOT PROJECT

STA. 7+00 THRU STA. 43+00 CUT P-35

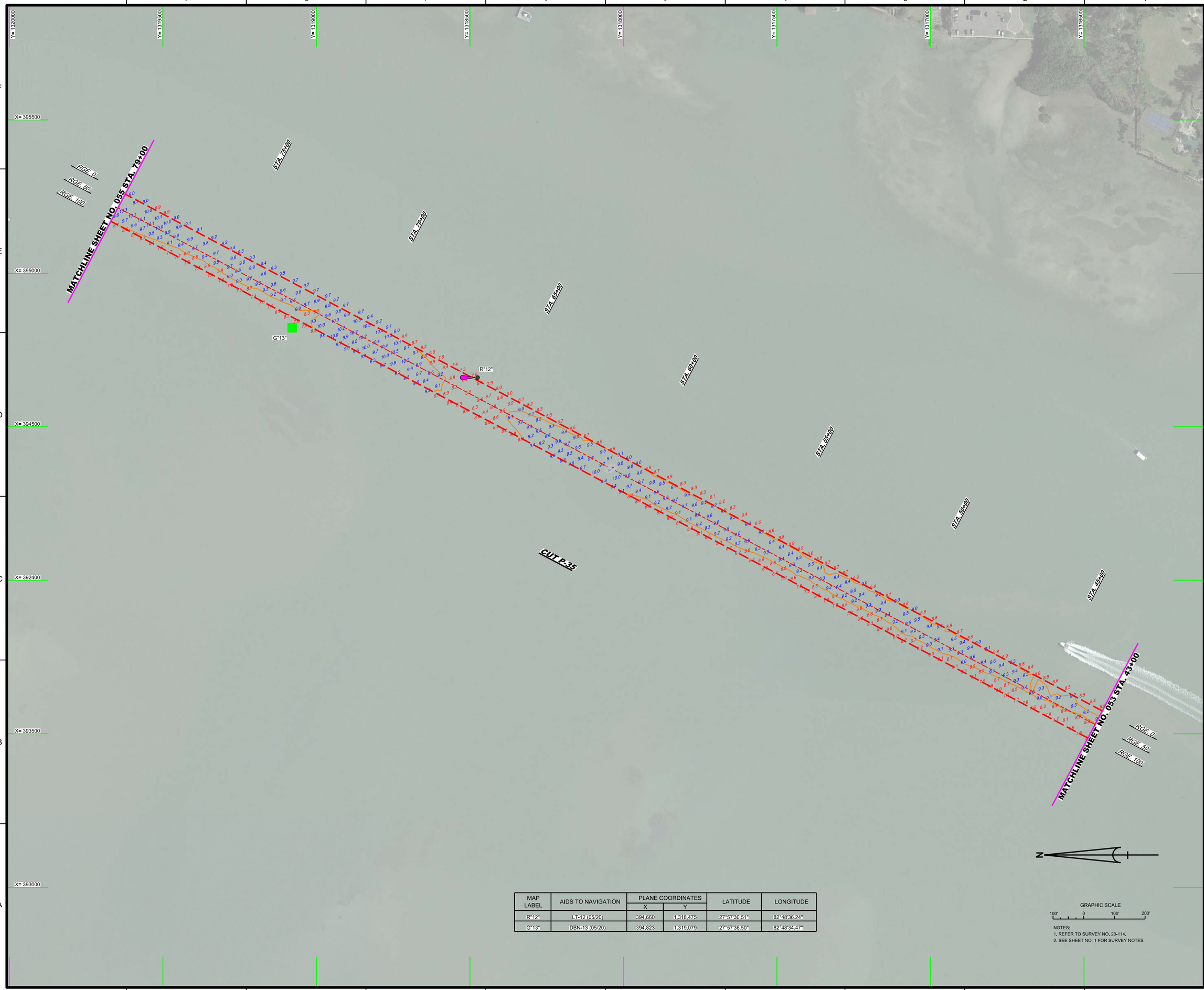
PLAN

Scale: AS SHOWN

Drawing no.

53

SHEET 53 OF 78



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"12"	LT-12 (05/20)	394,660	1,318,475	27°57'30.51"	82°48'36.24"
G"13"	DBN-13 (05/20)	394,823	1,319,079	27°57'36.50"	82°48'34.47"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Drawn by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: MAY 2020

Reference files:
LX=XXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
20-114-V-NAV.DGN
20-114-V-SOUND.DGN
20-114-V-SOUN_P35.DGN
GBWV-C-NGMGCF.DGN
20-114-C-ES-BRDR.DGN
File name: 20-114-V-H054_PLD.DGN

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 43+00 THRU STA. 79+00 CUT P-35

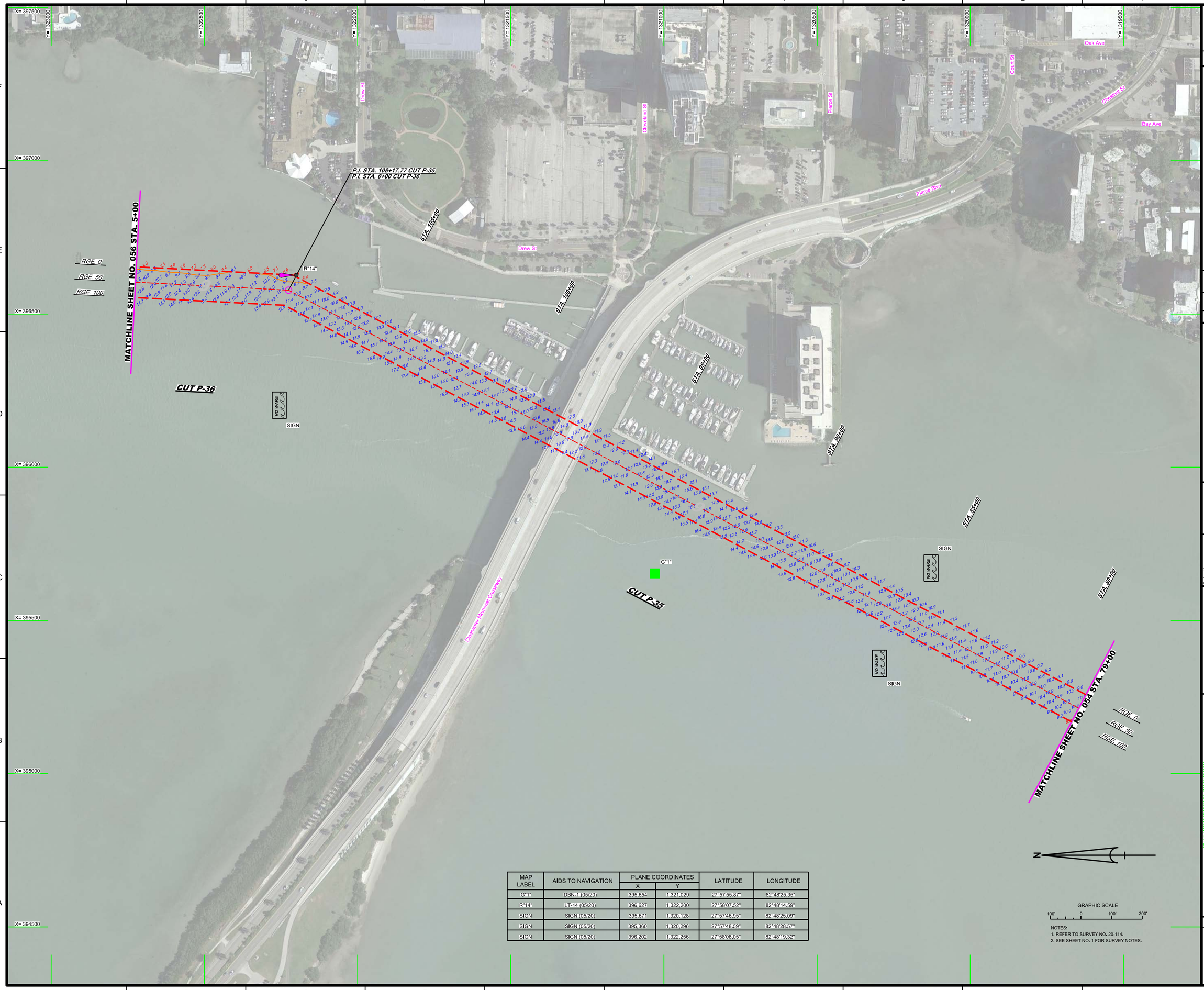
PLAN

Scale: AS SHOWN

Drawing no.

54

SHEET 54 OF 78



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"1"	DBN-1 (05/20)	395,654	1,321,029	27°57'55.87"	82°48'25.35"
R"14"	LT-14 (05/20)	396,627	1,322,200	27°58'07.52"	82°48'14.59"
SIGN	SIGN (05/20)	395,671	1,320,128	27°57'46.95"	82°48'25.09"
SIGN	SIGN (05/20)	395,360	1,320,296	27°57'48.59"	82°48'28.57"
SIGN	SIGN (05/20)	396,202	1,322,256	27°58'08.05"	82°48'19.32"

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.
Date: MAY 2020

Reference files:
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
20-114-AHMV.DGN
20-114-CONB.DGN
20-114-SOUN_P36.DGN
20-114-SOUN_P35.DGN
GMWH-CNGMCSF.DGN
20-114-c-BB-BRDR.DGN
20-114-VHs55_nl.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 79+00 CUT P-35 THRU STA. 5+00 CUT P-36

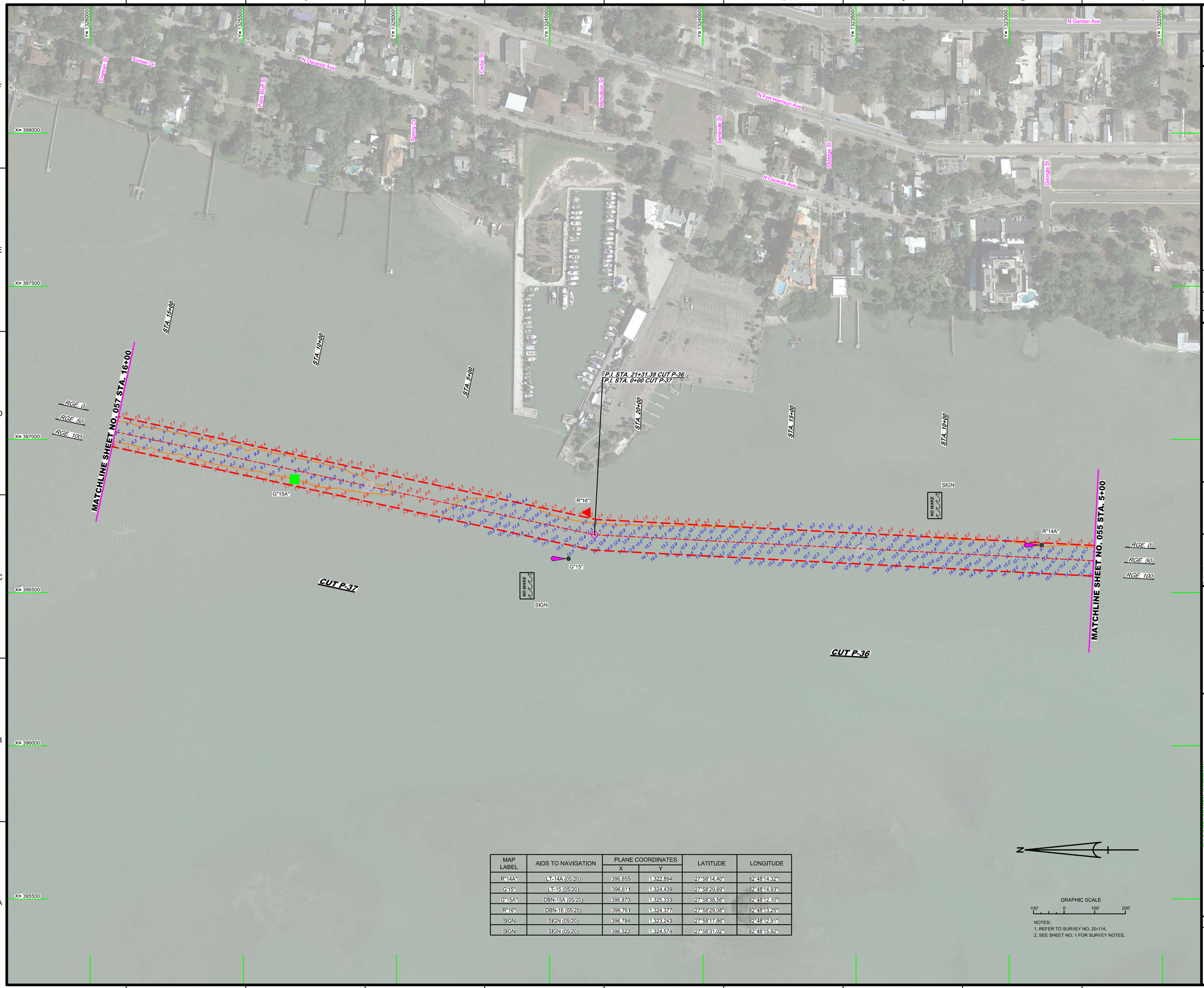
PLAN

Scale: AS SHOWN

Drawing no.

55

SHEET 55 OF 78



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"14A"	LT-14A (05/20)	396,655	1,322,894	27°58'14.40"	82°48'14.32"
G"15"	LT-15 (05/20)	396,611	1,324,439	27°58'29.69"	82°48'14.93"
G"15A"	DBN-15A (05/20)	396,870	1,325,333	27°58'38.56"	82°48'12.10"
R"16"	DBN-16 (05/20)	396,761	1,324,377	27°58'29.08"	82°48'13.25"
SIGN	SIGN (05/20)	396,784	1,323,243	27°58'17.86"	82°48'12.91"
SIGN	SIGN (05/20)	396,522	1,324,574	27°58'31.02"	82°48'15.92"

N

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: VIRM
DWN by: VIRM
Chk by: CMR
Rev. No.
Date: MAY 2020

X:\XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
20-114-NAVNAV.DGN
20-114-C-CONS.DGN
20-114-S-SOUN_P-36.DGN
20-114-S-SOUN_P-37.DGN
GIWW-C-NGMCGF.DGN
20-114-C-ES-BNDR.DGN
Reference files:
20-114-VHD56_PLD.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 5+00 CUT P-36 THRU STA. 16+00 CUT P-37

PLAN

Scale: AS SHOWN

Drawing no.

56

SHEET 56 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"17"	DBN-17 (05/20)	396,974	1,325,974	27°58'44.91"	82°48'10.99"
R"18"	LT-18 (05/20)	397,600	1,328,249	27°59'07.48"	82°48'04.18"
G"19"	DBN-19 (05/20)	397,474	1,328,262	27°59'07.60"	82°48'05.58"

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: VIRM
DWN by: VIRM
Chk by: CMR
Rev. No.
Date: MAY 2020

X:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
20-114-VAVNAV.DGN
20-114-VC-CONS.DGN
20-114-VS-SOUN_P37.DGN
20-114-VS-SOUN_P38A.DGN
GBWV-C-NGMGCF.DGN
20-114-C-ES-BNDR.DGN
Reference files:
20-114-VH-057_PLD.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 16+00 CUT P-37 THRU STA. 9+00 CUT P-38A

PLAN

Scale: AS SHOWN

Drawing no.

57

SHEET 57 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"1"	DBN-1 (05/20)	397,631	1,330,427	27°59'29.05"	82°48'03.99"
R"20"	DBN-20 (05/20)	397,725	1,329,978	27°59'24.61"	82°48'02.91"

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: WRM
Drawn by: WRM
Checked by: GMR
Proj. No.:
Date: MAY 2020

XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
20-114-A-SOUN_P-38A.DGN
20-114-A-SOUN_P38A.DGN
GIWW-C-NGMCSF.DGN
20-114-C-BS-BRDR.DGN
Reference files:
20-114-A-Hist58_H.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 9+00 THRU STA. 41+00 CUT P-38A

PLAN

Scale: AS SHOWN

Drawing no.

58

SHEET 58 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"2"	DBN-2 (05/20)	397,986	3,332,799	27°59'52.55"	82°48'00.20"
G"3"	DBN-3 (05/20)	398,055	1,334,834	28°00'12.70"	82°47'59.58"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Cad by: GMR
Designed by: WRM
DWN by: WRM
Rev. No.
Date: MAY 2020

Reference files:
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-114-VA/SOUN_P38A.DGN
GIWW-CAGMGCF.DGN
20-114-CABS-BRDR.DGN
File name: 20-114-VH-059_P1.DGN

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 41+00 THRU STA. 73+00 CUT P-38A

PLAN

Scale: AS SHOWN

Drawing no.

59

SHEET 59 OF 78

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"4"	LT-4 (05/20)	398,328	1,336,889	28°00'33.07"	82°47'56.69"
G"5"	DBN-5 (05/20)	398,226	1,337,073	28°00'34.88"	82°47'57.83"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-114.
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	Description

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.
Date: MAY 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-114-A-SOUN_P-38A.DGN
20-114-A-SOUN_P38A.DGN
GMW-C-NGMCSF.DGN
20-114-C-BS-BRDR.DGN
Reference files:
20-114-VHR06_H1.DGN
File name:

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

HYDROGRAPHIC EXAM SURVEY FY20
9-FOOT PROJECT

STA. 73+00 THRU STA. 105+00 CUT P-38A

PLAN

Scale: AS SHOWN

Drawing no.

60

SHEET 60 OF 78