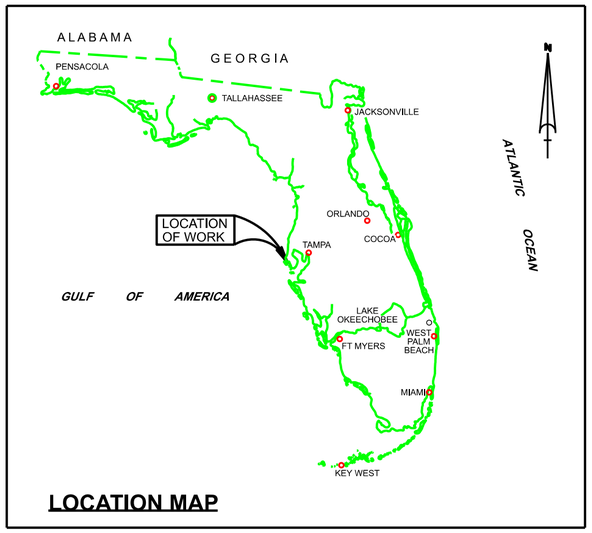
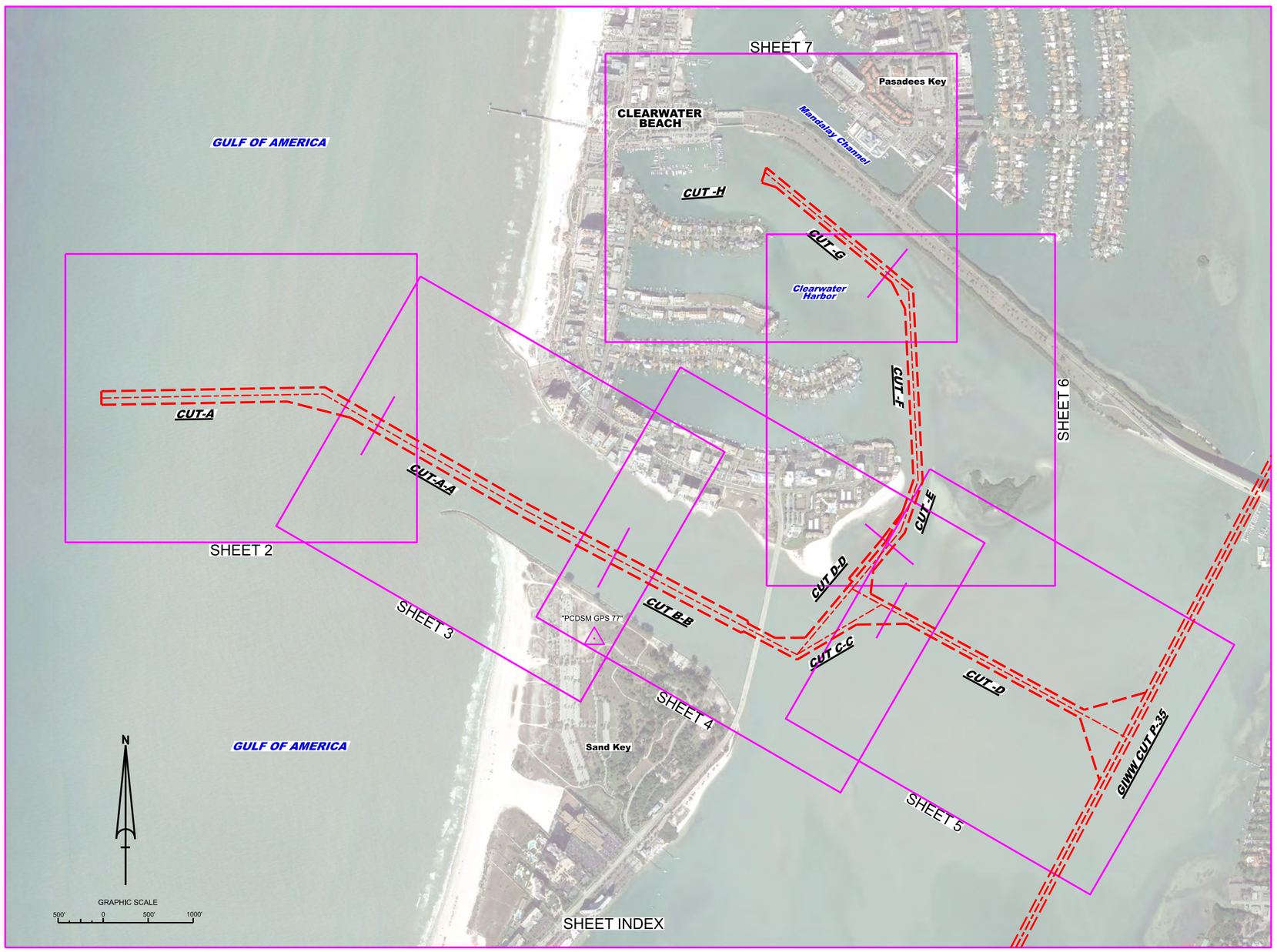
CLEARWATER PASS
PINELLAS COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY26
8 AND 10-FOOT PROJECT



LOCATION MAP



SURVEY NOTES

1. REFER TO SURVEY NO. 26-001
2. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO THE VERTICAL DATUM OF MEAN LOWER LOW WATER (MLLW), TIDAL EPOCH 1983-2001, AS PUBLISHED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA).
3. NOAA'S VDATUM MODEL, AND PUBLISHED TIDE STATION DATA, WERE USED TO GENERATE A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL, WHICH WAS USED TO CONVERT BETWEEN NAVD88 AND MLLW. THIS KTD MODEL, BEING A COMBINATION OF THOSE TWO SOURCES, CANNOT BE CONSIDERED EQUIVALENT TO THE VDATUM MODEL DUE TO POSSIBLE ADDITIONS OR EDITS. DO NOT USED VDATUM IN PLACE OF THE KTD FILE. THE KTD MODEL USED FOR THIS SURVEY WAS:

   "SPC-FL-WEST-2010-12-07.KTD"
4. CONVERSIONS FROM THE GPS-DERIVED ELLIPSOID HEIGHTS TO NAVD88 WAS ACHIEVED VIA THE NOAA GEOID MODEL "GEOID18".
5. TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING THE KTD FILE REFERENCED ABOVE, AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS ASSOCIATED WITH THE NOAA TIDE GAGE SITE SPECIFIED BELOW:

AREA SURVEYED	TIDE GAGE	VERTICAL CALIBRATION BM
ALL AREAS	STATION 872-6724	872 6724 R (COE PID: CM6940)

6. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
7. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83), ADJUSTMENT OF 2011.
8. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
9. THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING. TRIMBLE'S REAL-TIME EXTENDED (RTX) CORRECTION SERVICE WAS ITILIZED. CORRECTIONS WERE VERIFIED BY A RTK CHECK IN-OUT POINT ESTABLISHED FROM THE FOLLOWING REFERENCE BASE LOCATION:

AREA SURVEYED	RTK BASE STATION
ENTIRE PROJECT	PCDSM GPS 77 (COE PID: ACI971)

10. VERTICAL MEASUREMENTS WERE MADE USING A RESON T50P MULTI-BEAM SYSTEM AND AN ODOM E20 ECHOTRAC WITH A DUAL-FREQUENCY TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SV CORAL	09 OCT 2025	CUTS A, A-A, B-B, C-C, D, D-D (TO STA. 12+00)
SV CORAL	10 OCT 2025	CUT D-D (FROM STA. 12+00) THRU CUT-H STA. 2+00

11. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
12. 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.
13. 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 AND EM 1110-2-6056, STANDARDS AND PROCEDURES FOR REFERENCING PROJECT ELEVATION GRADES TO NATIONWIDE VERTICAL DATUMS, 31 DEC 2010.

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

Cad by: GMR
Design by: WRM
DWN by: WRM
Prj. No. W912EP-XX-X-XXXX
Date: OCT 2025

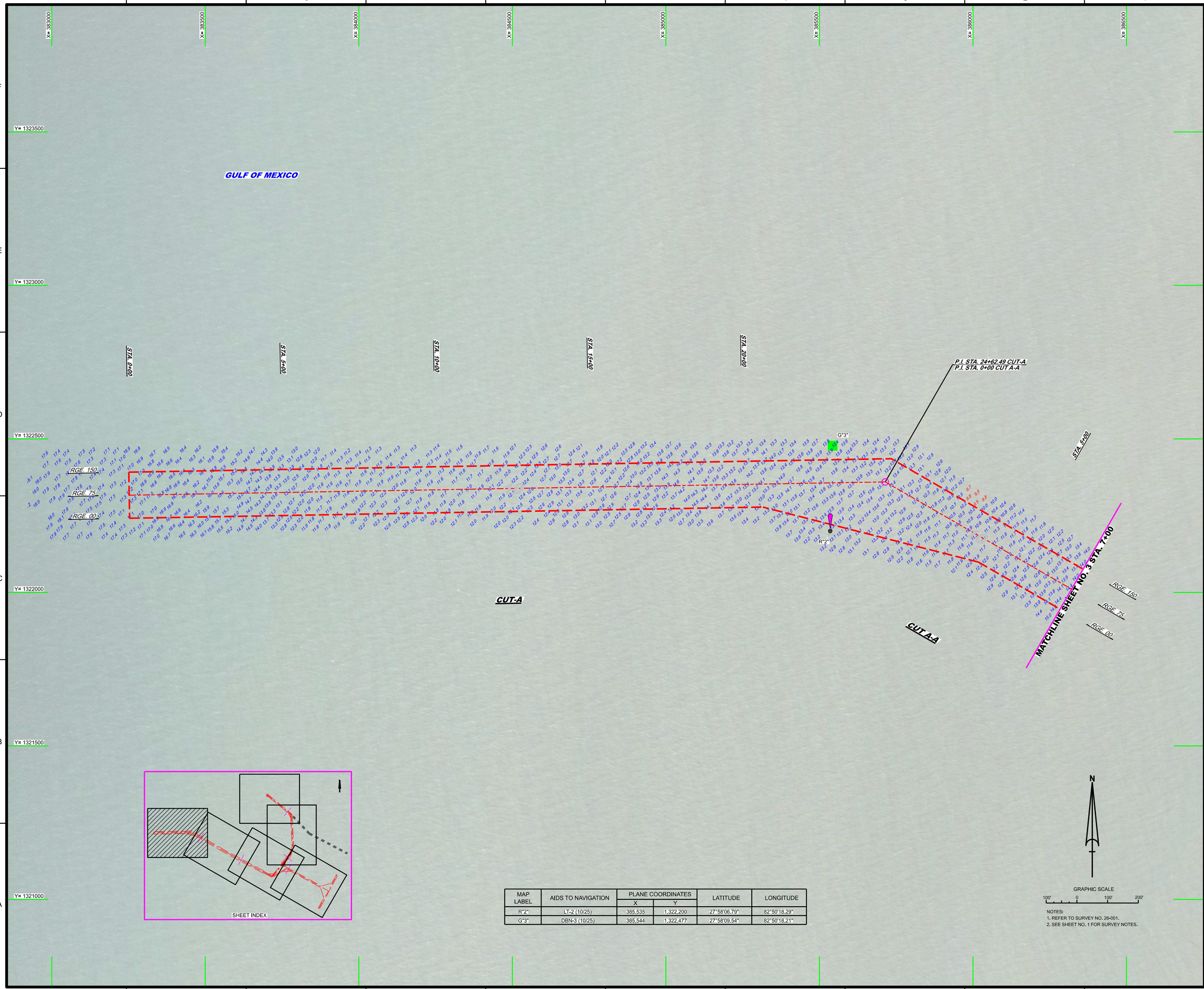
Reference files:
26-001-HNDSC.DGN
CLEARWATER-CAGMCF.DGN
CSD_MCCF_GIWW-CANG_REALIGNMENT.DGN
26-001-CuBS-BRDR.DGN
26-001-VH-SH01.DGN
File name:

CLEARWATER PASS
PINELLAS COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY26
8 AND 10-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 07



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"2"	LT-2 (10/25)	385,535	1,322,200	27°58'06.79"	82°50'18.29"
G"3"	DBN-3 (10/25)	385,544	1,322,477	27°58'09.54"	82°50'18.21"

NOTES:
1. REFER TO SURVEY NO. 26-001.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Rev.	Symbol	Zone

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

Drawing by: GMR
Checked by: VRM
DWN by: VRM
Rev. No.: W912EP-XX-X-XXXX
Dates: OCT 2025

26-001-VANA.DGN
26-001-AS-GUN_ALLCUTS.DGN
CLEARWATER-C-NGMCCF.DGN
26-001-CAB-BRDR.DGN
Reference files:
26-001-VHSH02.DGN
File name:

CLEARWATER PASS
PINELLAS COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY26
8 AND 10-FOOT PROJECT

STA. 0+00 CUT-A THRU STA. 7+00 CUT A-A

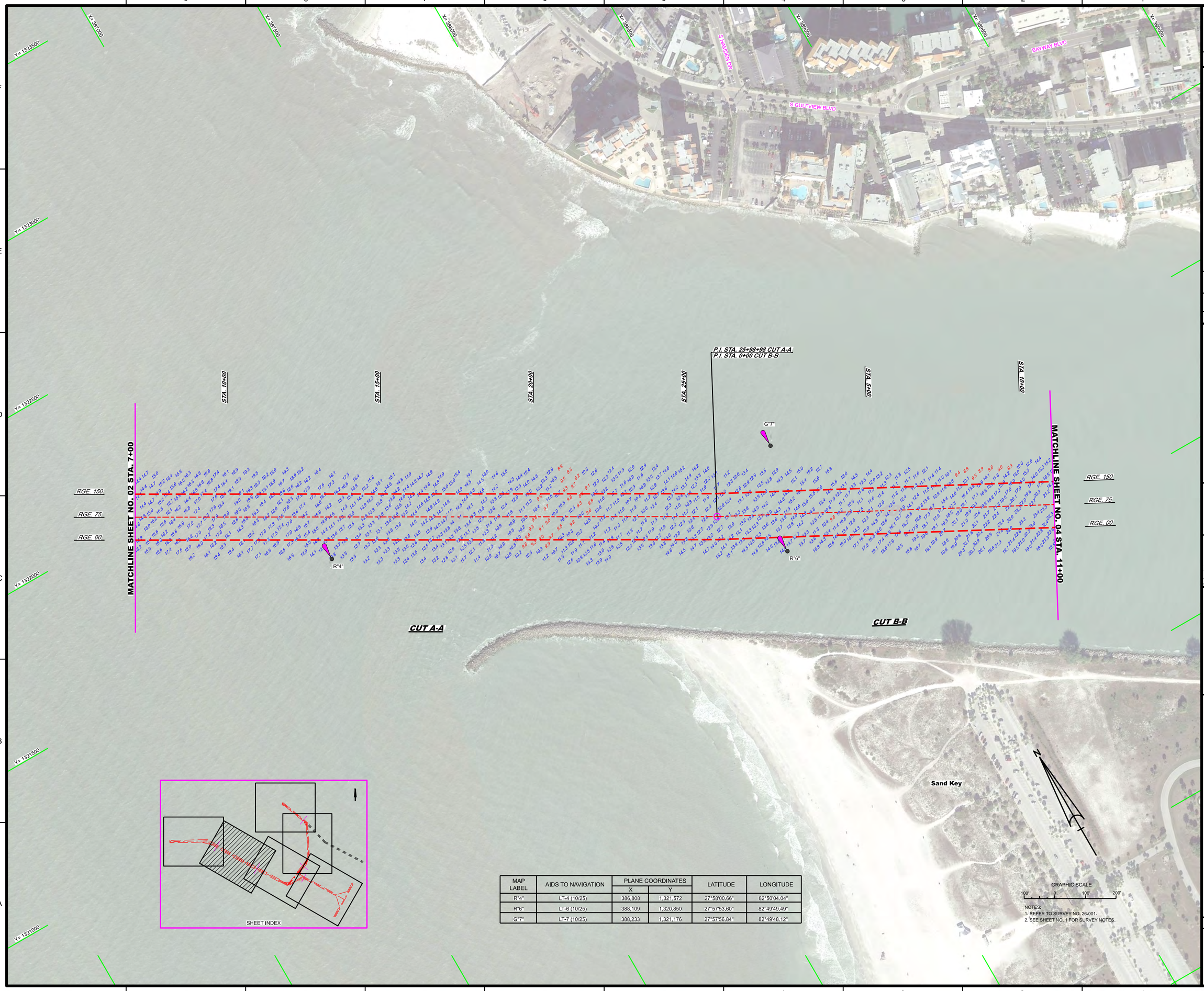
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 07



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"4"	LT-4 (10/25)	386,808	1,321,572	27°58'00.66"	82°50'04.04"
R"6"	LT-6 (10/25)	388,109	1,320,850	27°57'53.60"	82°49'49.49"
G"7"	LT-7 (10/25)	388,233	1,321,176	27°57'56.84"	82°49'48.12"

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 26-001.
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. W912EP-XX-XX-XXXX
Dates: OCT 2025

26-001-HANAN.DGN
26-001-X-SGVN_ALLCUTS.DGN
CLEARWATER-CANCMCCF.DGN
26-001-GB-BROR.DGN
Reference files:
26-001-VH-SH03.DGN
File name:

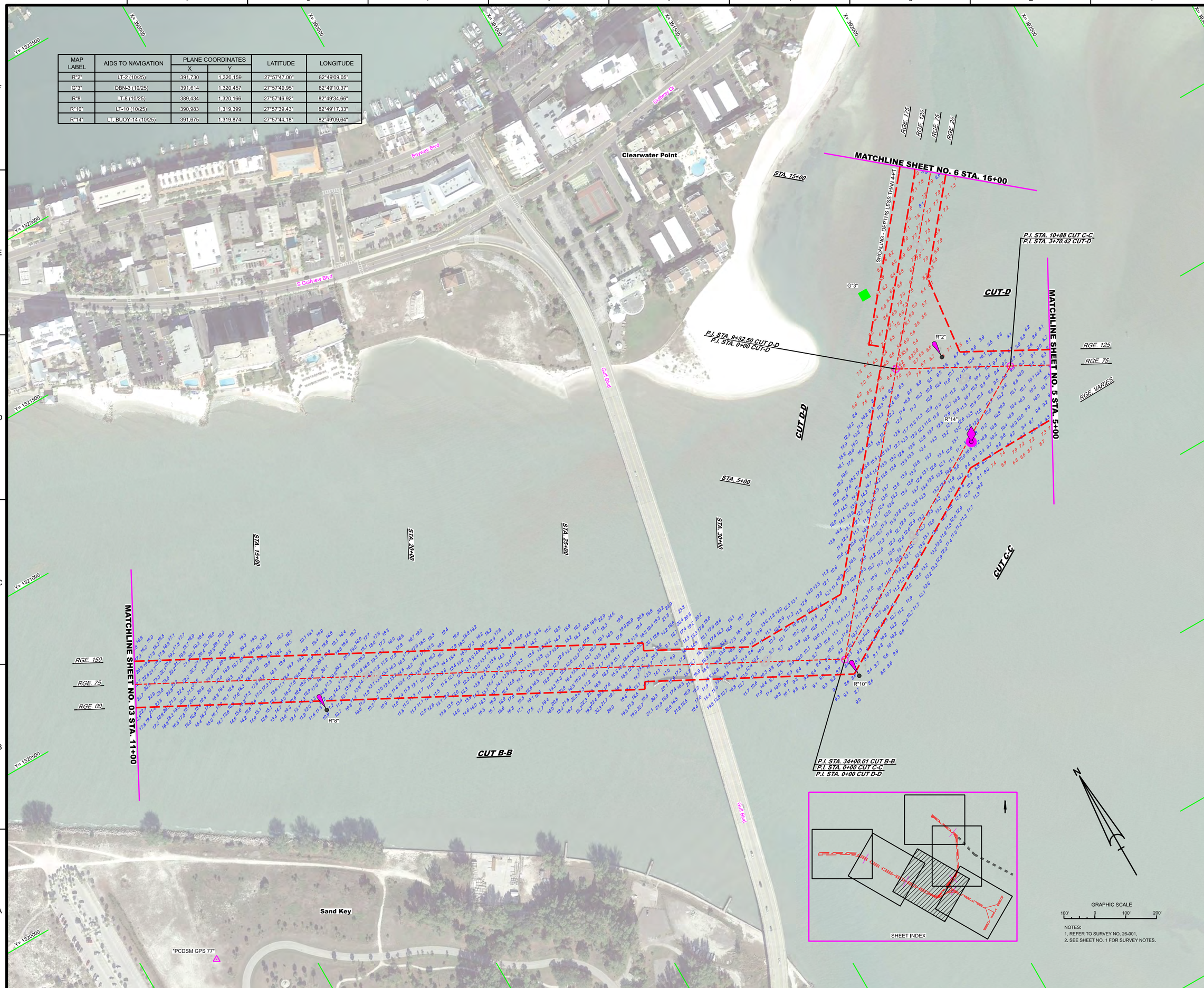
CLEARWATER PASS
PINELLAS COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY26
8 AND 10-FOOT PROJECT
STA. 7+00 CUT A-A THRU STA. 11+00 CUT B-B
PLAN

Scale: AS SHOWN

Drawing no.
3

SHEET 03 OF 07

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"2"	LT-2 (10/25)	391,730	1,320,159	27°57'47.00"	82°49'09.05"
G"3"	DBN-3 (10/25)	391,614	1,320,457	27°57'49.95"	82°49'10.37"
R"8"	LT-8 (10/25)	389,434	1,320,166	27°57'46.92"	82°49'34.66"
R"10"	LT-10 (10/25)	390,983	1,319,399	27°57'39.43"	82°49'17.33"
R"14"	LT, BUOY-14 (10/25)	391,675	1,319,874	27°57'44.18"	82°49'09.64"



NOTES:
1. REFER TO SURVEY NO. 26-001.
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
Draftsmen by: WRM
DWN by: WRM
Prj. No. V01?EP-XX-XX-XXX
Date: OCT 2025

26-001-A-NAV.DGN
26-001-A-SD3UN_ALLCUTS.DGN
CLEARWATER-C-MGNCCF.DGN
26-001-C-B-BPOR.DGN
Reference files:
File: sample:
26-001-A-Hs-SH04.DGN

CLEARWATER PASS
PINELLAS COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY26
8 AND 10-FOOT PROJECT

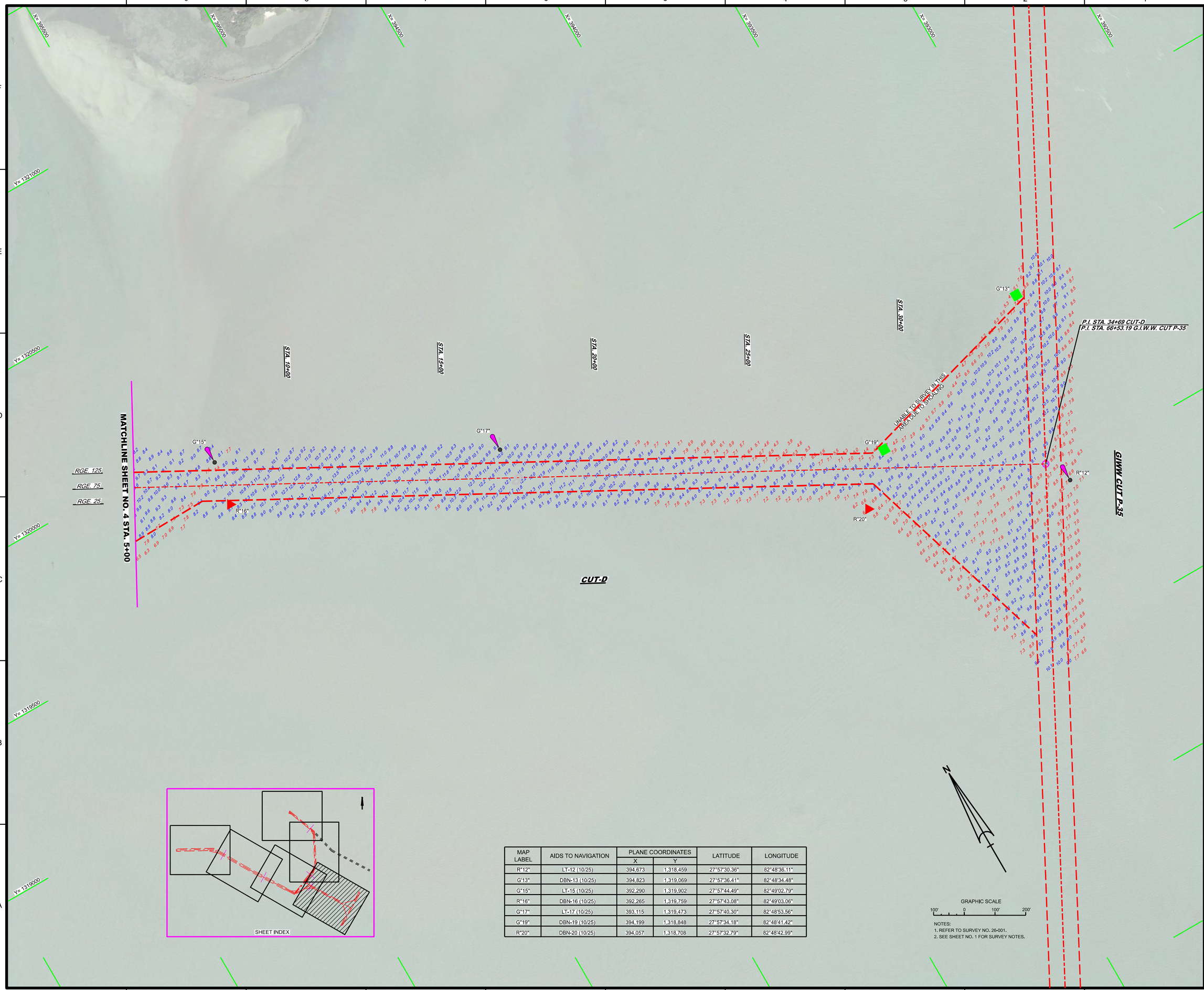
STA. 0+00 THRU STA. 16+00 CUT C-C
STA. 0+00 THRU STA. 3+70.42 CUT-D
STA. 0+00 THRU STA. 9+52.50 CUT D-D
STA. 0+00 CUT B-B, STA. 0+00 THRU STA. 5+00 CUT-D

PLAN

Scale: AS SHOWN

Drawing no.
4

SHEET 04 OF 07



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"12"	LT-12 (10/25)	394,673	1,318,459	27°57'30.36"	82°48'36.11"
G"13"	DBN-13 (10/25)	394,823	1,319,069	27°57'36.41"	82°48'34.48"
G"15"	LT-15 (10/25)	392,290	1,319,902	27°57'44.49"	82°49'02.79"
R"16"	DBN-16 (10/25)	392,265	1,319,759	27°57'43.08"	82°49'03.06"
G"17"	LT-17 (10/25)	393,115	1,319,473	27°57'40.30"	82°48'53.56"
G"19"	DBN-19 (10/25)	394,199	1,318,848	27°57'34.18"	82°48'41.42"
R"20"	DBN-20 (10/25)	394,057	1,318,708	27°57'32.79"	82°48'42.99"

NOTES:
1. REFER TO SURVEY NO. 26-001.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Rev.	Symbol	Zone

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

Checked by: WRM
DWN by: WRM
Date by: GMR
Prj. No. W912EP-XX-XX-XXX
Dates: OCT 2025

26-001-HANAV.DGN
26-001-HYDRA-CUTS-CUTS.DGN
CLEARWATER-ANCMCF.DGN
C3D_MCCF_GIWW-CNC_REALIGNMENT.DGN
26-001-C-BS-BRDR.DGN
Reference files:
26-001-VH-SH05.DGN
File name:

CLEARWATER PASS
PINELLAS COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY26
8 AND 10-FOOT PROJECT

STA. 5+00 THRU STA. 34+69.29 CUT-D

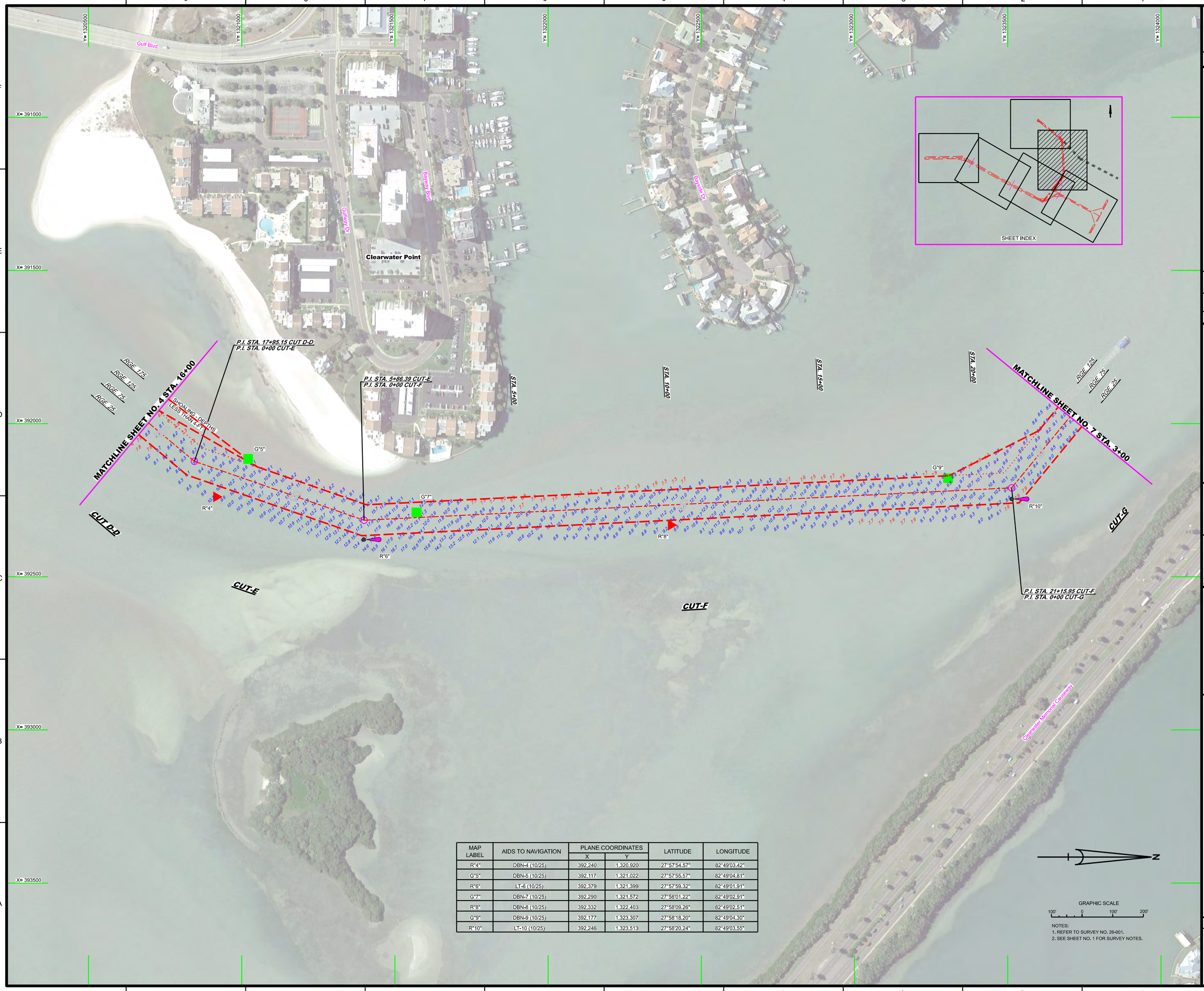
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 07



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"4"	DBN-4 (10/25)	392,240	1,320,920	27°57'54.57"	82°49'03.42"
G"5"	DBN-5 (10/25)	392,117	1,321,022	27°57'55.57"	82°49'04.81"
R"6"	LT-6 (10/25)	392,379	1,321,399	27°57'59.32"	82°49'01.91"
G"7"	DBN-7 (10/25)	392,290	1,321,572	27°58'01.22"	82°49'02.91"
R"8"	DBN-8 (10/25)	392,332	1,322,403	27°58'09.26"	82°49'02.51"
G"9"	DBN-9 (10/25)	392,177	1,323,307	27°58'18.20"	82°49'04.30"
R"10"	LT-10 (10/25)	392,246	1,323,513	27°58'20.24"	82°49'03.55"

NOTES:
1. REFER TO SURVEY NO. 26-001.
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
Checked by: WRM
DWN by: WRM
Prj. No. V912EP-XX-XX-XXX
Date: OCT 2025

26-001-A-AN-ALL.DGN
26-001-A-SD2-IN_ALLCUTS.DGN
CLEARWATER-C-NGM/CCF.DGN
26-001-C-B-BR-PR.DGN
Reference files:
26-001-A-Hs-SH06.DGN
File name:

CLEARWATER PASS
PINELLAS COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY26
8 AND 10-FOOT PROJECT

STA. 16+00 CUT D-D THRU STA. 3+00 CUT-G

PLAN

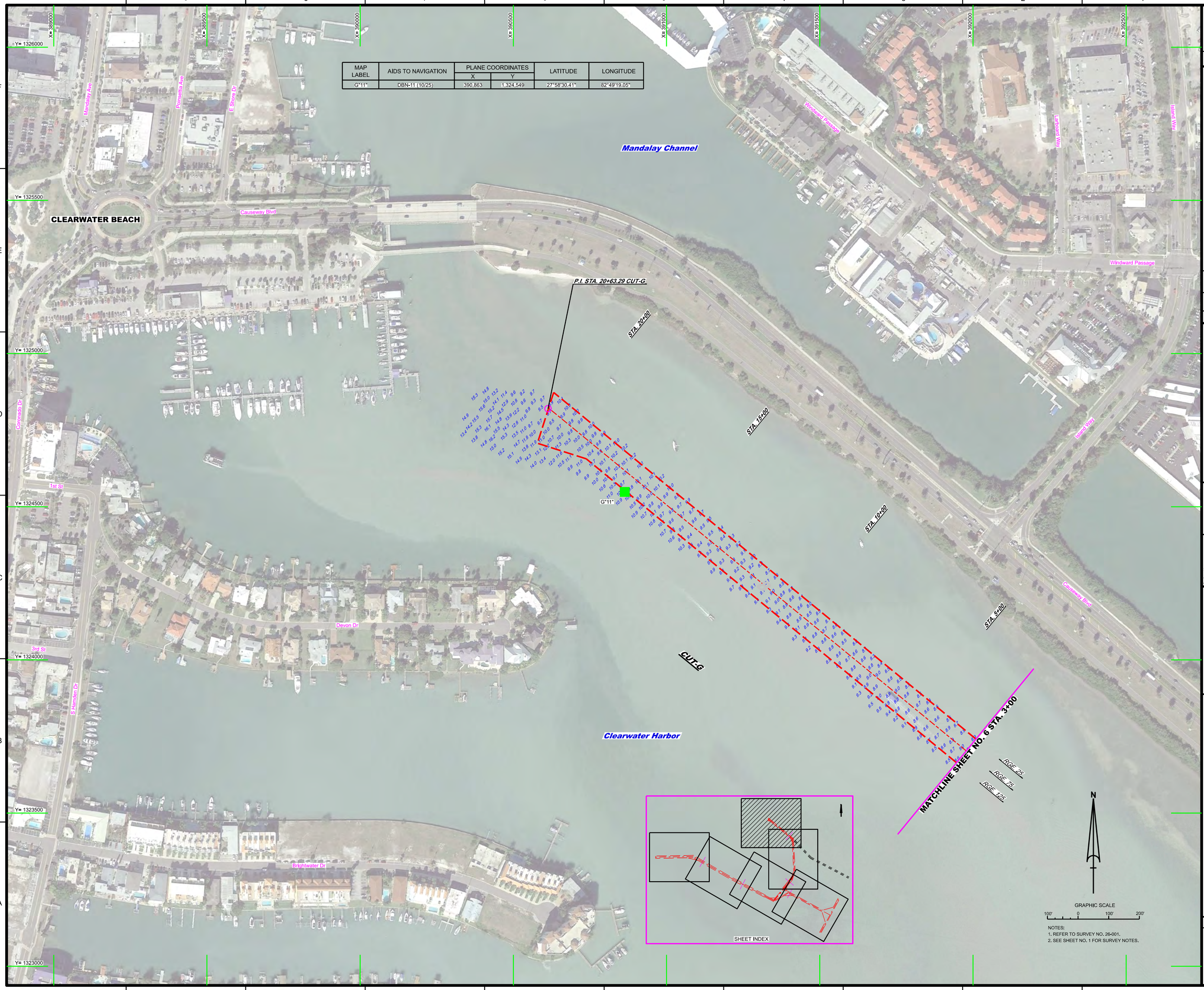
Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 07

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"11"	DBN-11 (10/25)	390,863	1,324,549	27°58'30.41"	82°49'19.05"



NOTES:
1. REFER TO SURVEY NO. 26-001.
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

Cad by: GMR
Designed by: VRM
DWN by: VRM
Rev. No. W912EP-XX-X-XXX
Date: OCT 2025

26-001-14-NM.DGN
26-001-14-SOUN_ALLCUTS.DGN
CLEARWATER-CAGMCCF.DGN
26-001-CB-BRDR.DGN
Reference files:
26-001-VR-SH07.DGN
DB: nacmc

CLEARWATER PASS
PINELLAS COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY26
8 AND 10-FOOT PROJECT

STA. 3+00 CUT-G THRU STA. 12+00 CUT-H

PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 07