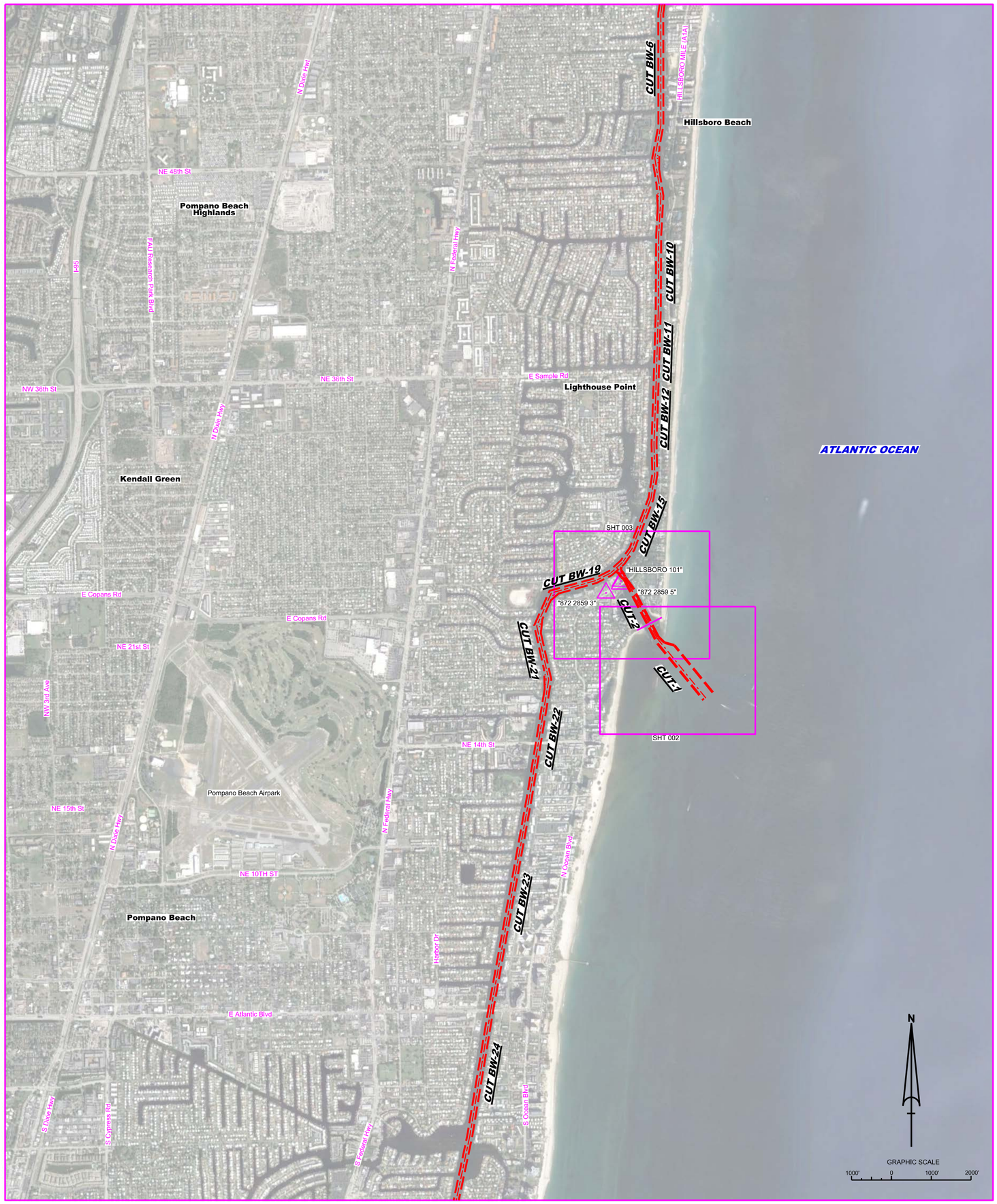
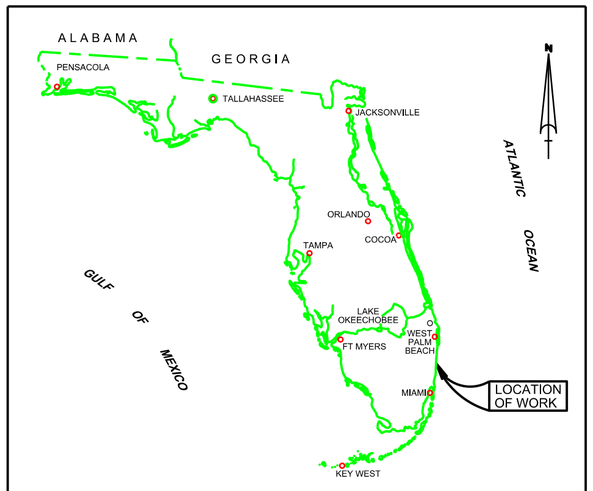




LOCATION MAP

HILLSBORO INLET
BROWARD COUNTY, FLORIDA
PROJECT CONDITION SURVEY FY23
8 & 10-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 22-195.
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: "BROWARD-MIAMIDAGE-MONROE-COLLIER_2018 05 02.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 EAST ZONE OF FLORIDA AND REFERENCED TO THE CURRENT REALIZATION OF THE NORTH AMERICAN DATUM OF 1983 (NAD83) BASED ON THE NOAA NATIONAL SPATIAL REFERENCE SYSTEM (NSRS).
6. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
7. THIS SURVEY IS WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

   REFERENCE BASE LOCATED AT "HILLSBORO 101" (PID: BBFG61)
8. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). A MODIFIED VERSION OF NOAA'S VDATUM MODEL WAS USED TO CALIBRATE TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARK BELOW:

   NOAA TIDAL STATION 872 2859 5 (PID: AD5847) USED FOR ALL CUTS

   VERTICAL MEASUREMENTS WERE MADE USING AN ECHOTRAC E20 DUAL-FREQUENCY 28/200 KHZ SINGLE-BEAM TRANSDUCER AND AN EDGETECH 6205 COMBINED MULTI-BEAM / SIDESCAN. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-44	01 DEC 2022	CUTS 1 AND 2

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: VIRM
DWN by: VIRM
Chd by: GMB
Rev. No.
Date: DEC 2022

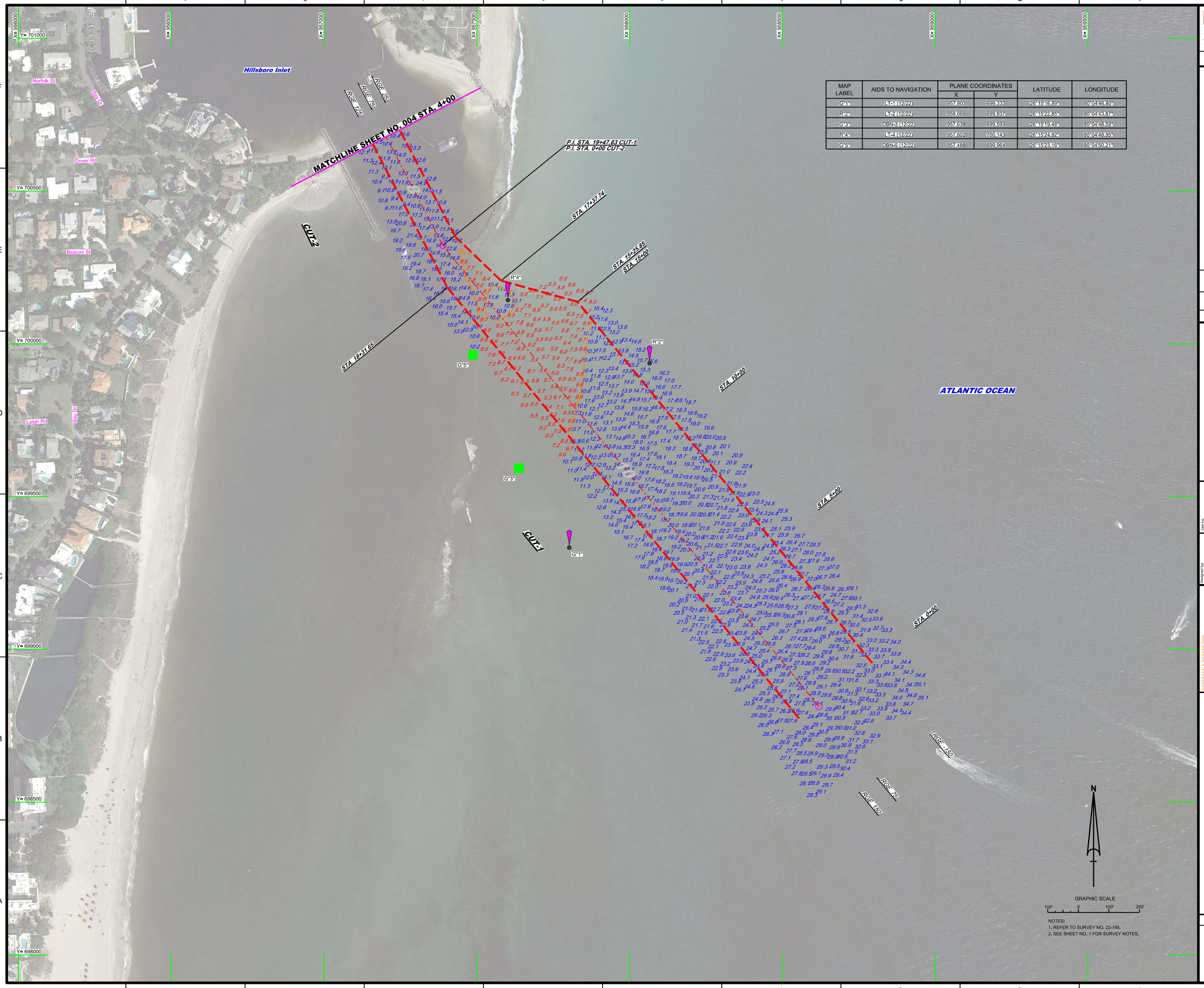
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
MVN-CENDCCF.DGN
HILLSBORO INLET-C-NGMCCF.DGN
22-195-C-BS-BKDR.DGN
Reference files:
22-195-VH-001.DGN
File name:

HILLSBORO INLET
BROWARD COUNTY, FLORIDA
PROJECT CONDITION SURVEY FY23
8 & 10-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 03



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"1"	LT-1 (12/22)	957,803	699,333	26°15'16.89"	80°04'46.80"
R"2"	LT-2 (12/22)	958,066	699,937	26°15'22.85"	80°04'43.87"
G"3"	DBN-3 (12/22)	957,638	699,593	26°15'18.48"	80°04'48.59"
R"4"	LT-4 (12/22)	957,602	700,143	26°15'24.92"	80°04'48.95"
G"5"	DBN-5 (12/22)	957,488	699,964	26°15'23.16"	80°04'50.21"

NOTES:
1. REFER TO SURVEY NO. 22-195.
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
Fig. No.
Date: DEC 2022

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
22-195-A-NAV.DGN
22-195-A-SDI-XXXX.DGN
22-195-A-SDI-INLDGN
HILLSBORO INLET-C-CNG-MCCF.DGN
22-195-C-BS-BRDR.DGN
Reference files
22-195-VR-002.DGN
File name:

HILLSBORO INLET
BROWARD COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY23
8 & 10-FOOT PROJECT

STA. 0+00 CUT-1 THRU STA. 4+00 CUT-2

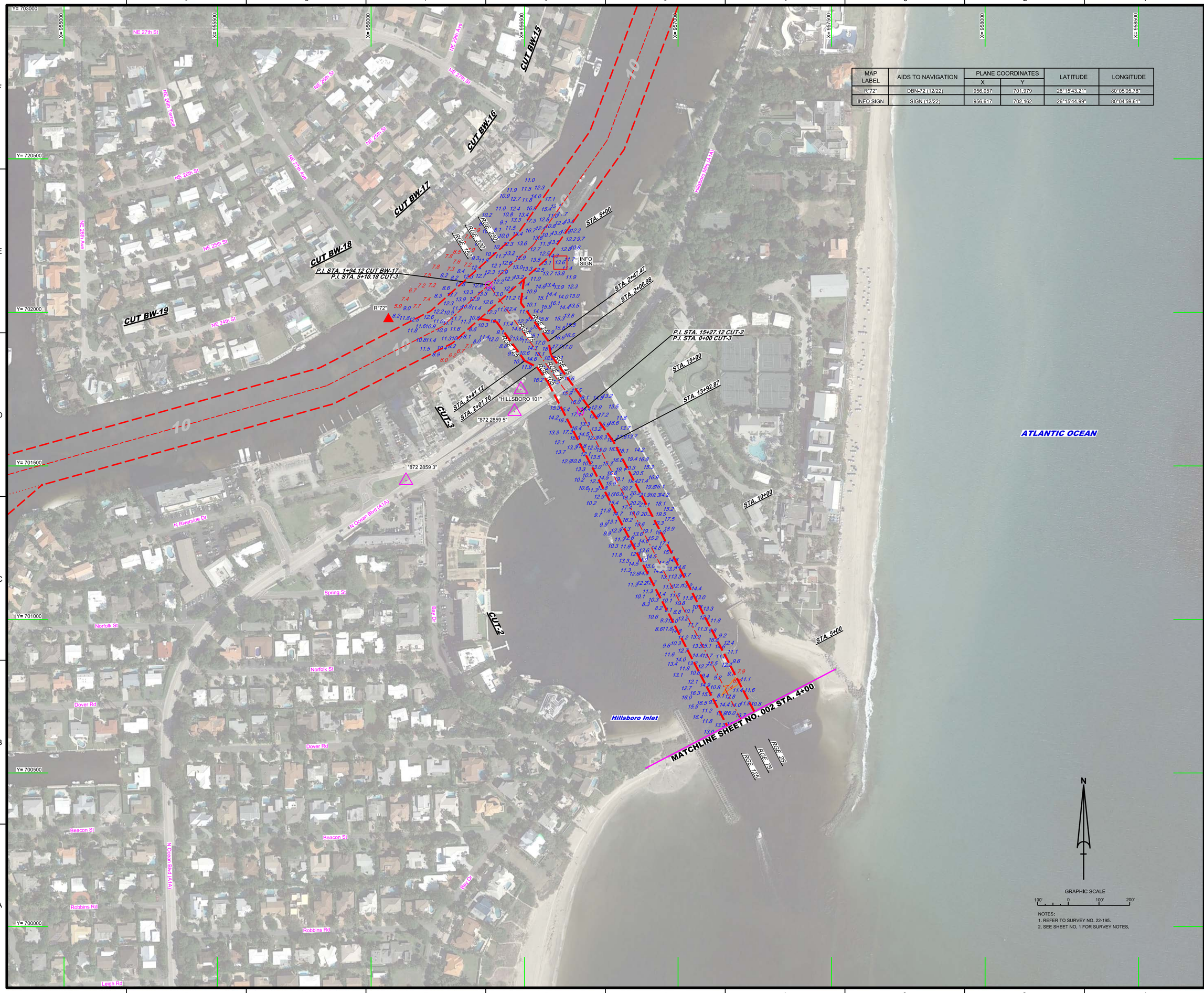
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 03



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"72"	DBN-72 (12/22)	956,057	701,979	26°15'43.21"	80°05'05.78"
INFO SIGN	SIGN (12/22)	956,617	702,162	26°15'44.99"	80°04'59.61"

NOTES:
1. REFER TO SURVEY NO. 22-195.
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: DEC 2022

X:\XXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXXX.DGN
22-195-XHAV.DGN
22-195A-CONB.DGN
22-195A-CONB.DGN
IWW-CAGMCCF.DGN
HILLSBORO INLET-CONGMCCF.DGN
22-195-XB-BRDR.DGN
Reference files
22-195-XH-003.DGN
File name:

HILLSBORO INLET
BROWARD COUNTY, FLORIDA
PROJECT CONDITION SURVEY FY23
8 & 10-FOOT PROJECT
STA. 4+00 CUT-2 THRU STA. 5+10.18 CUT-3
PLAN

Scale: AS SHOWN

Drawing no.
3

SHEET 03 OF 03