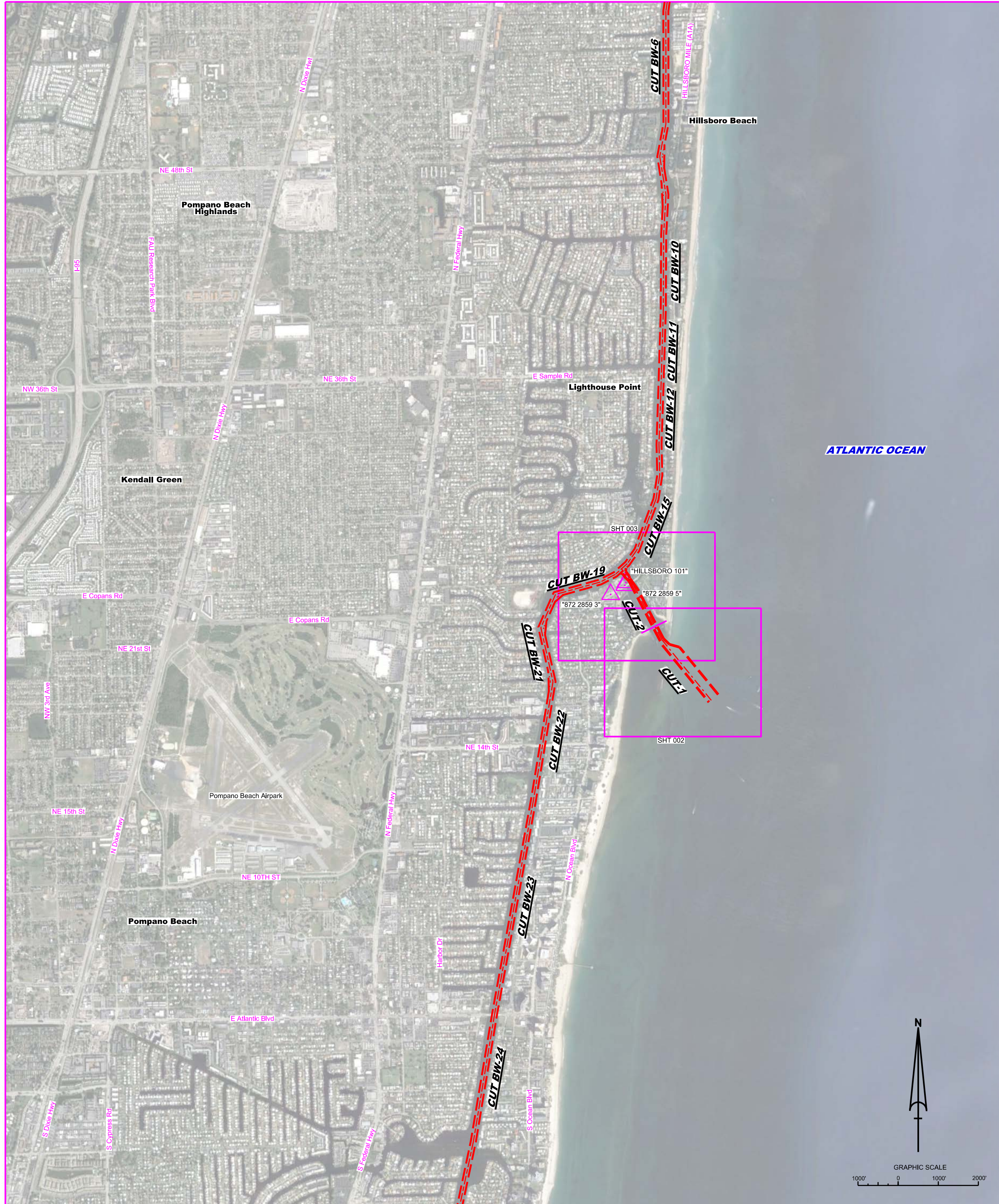


10 9 8 7 6 5 4 3 2 1

F E D C B A



HILLSBORO INLET BROWARD COUNTY, FLORIDA PROJECT CONDITION SURVEY FY20 8 & 10-FOOT PROJECT

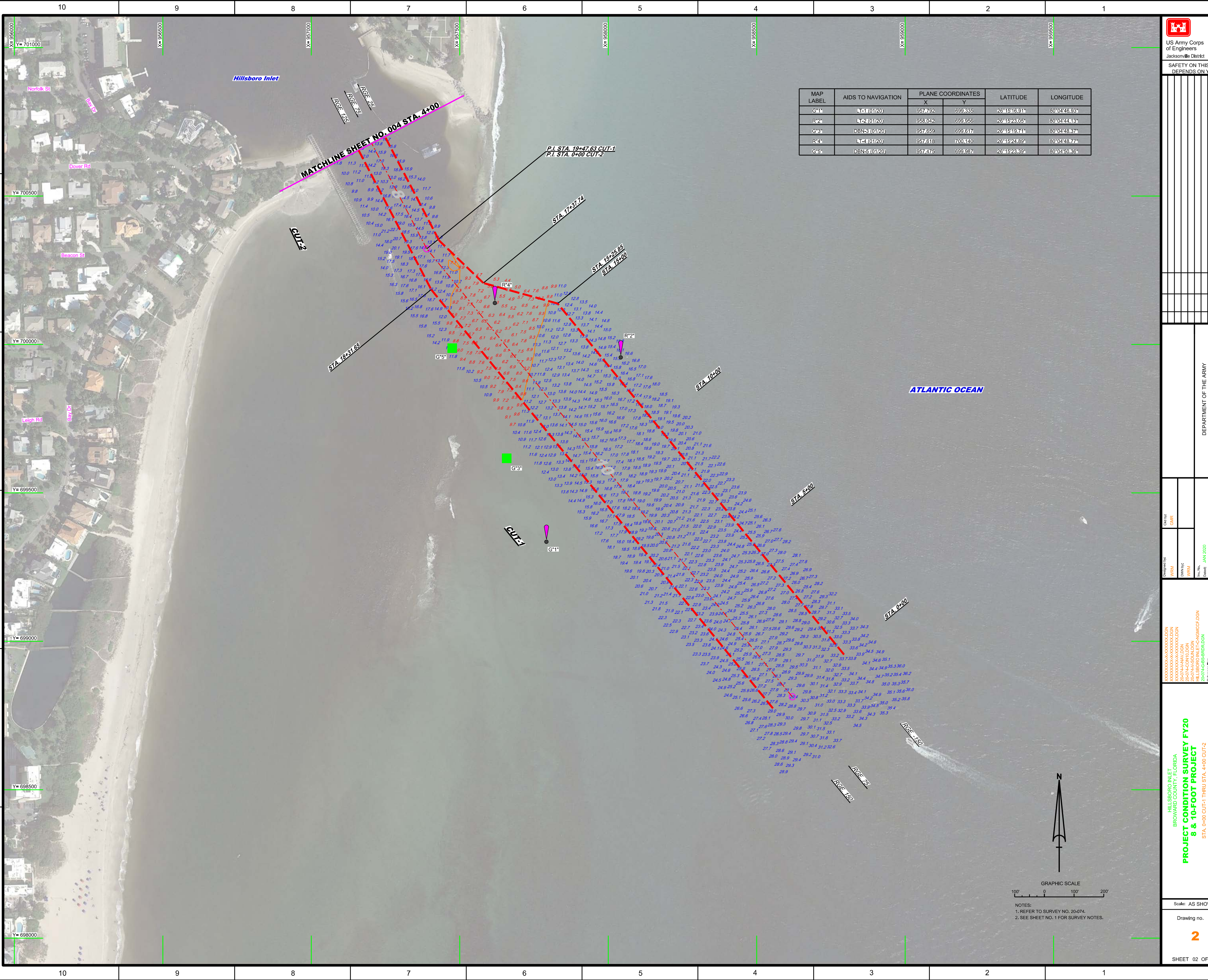
SURVEY NOTES

- REFER TO SURVEY NO. 20-074.
- SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH.
- 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".
- ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
- 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).
- ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
- 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)
- 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 3 (PID: AD5848) USED FOR ALL CUTS
VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMARTSOUNDER DUAL-FREQUENCY 282000 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-48 07, 09 JAN 2020 CUTS 1 AND 2
- AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
- 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.
- SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 11102-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 2013.

LEGEND	
	MONUMENT
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	8 PROJECT DEPTH

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	Check By: GMR Drawn By: WRM File No: 20-074-INDS-DGN Hillsboro Inlet 8 & 10-Foot Project 20-074-INDS-DGN 20-074-INDS-DGN Hillsboro Inlet 8 & 10-Foot Project 20-074-INDS-DGN 20-074-INDS-DGN Hillsboro Inlet 8 & 10-Foot Project 20-074-INDS-DGN 20-074-INDS-DGN Hillsboro Inlet 8 & 10-Foot Project 20-074-INDS-DGN Hillsboro Inlet 8 & 10-Foot Project 20-074-INDS-DGN
HILLSBORO INLET BROWARD COUNTY, FLORIDA PROJECT CONDITION SURVEY FY20 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		
G1*	LT-1 (01/20)	997,792	699,935	28°15'16.91"	80°04'46.93"
R2*	LT-2 (01/20)	998,042	699,956	28°15'23.05"	80°04'44.18"
G3*	DBN-3 (01/20)	997,659	699,917	28°15'19.71"	80°04'48.37"
R4*	LT-4 (01/20)	997,618	700,140	28°15'23.89"	80°04'48.77"
G5*	DBN-5 (01/20)	997,475	699,987	28°15'23.89"	80°04'50.36"

US Army Corps of Engineers
Jacksonville District

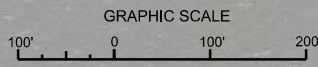
SAFETY ON THIS JOB
DEPENDS ON YOU

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

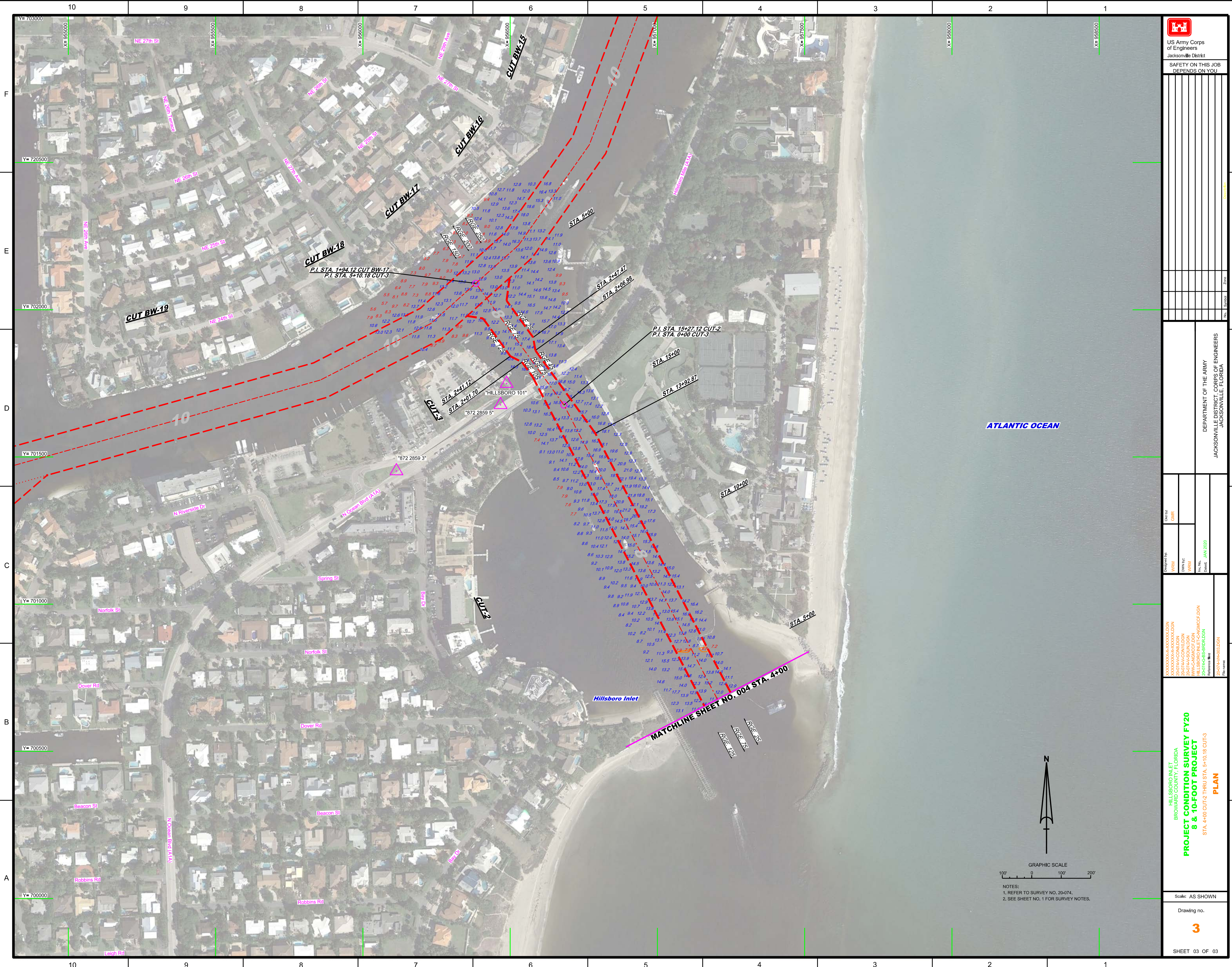
Checked by: GHR
Designed by: WRM
Drawn by: WRM
Scale: AS SHOWN
Date: JAN 2020

HILLSBORO INLET
BROWARD COUNTY, FLORIDA
**PROJECT CONDITION SURVEY FY20
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



NOTES:
1. REFER TO SURVEY NO. 20-074.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.



DEPARTMENT OF THE ARMY

 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS

 JACKSONVILLE, FLORIDA

Date by: GHR

 Designed by: WRM, DWM, PFC

 Plotted by: WRM

 File No.: 2007-A4-H40-000

 Date: JAN 2020

HILLSBORO INLET, FLORIDA

 BROWARD COUNTY, FLORIDA

 PROJECT CONDITION SURVEY FY20

 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

