

# ATLANTIC INTRACOASTAL WATERWAY (AIWW) FERNANDINA TO ST. JOHNS RIVER DUVAL & NASSAU COUNTIES, FLORIDA AFTER-DREDGE COMPILATION FY19 CUTS 23 THRU 27C 12-FOOT PROJECT

### SURVEY NOTES

- REFER TO SURVEY NO. 19-155. THIS MAP SET IS COMPRISED OF AFTER-DREDGE SURVEYS PERFORMED UNDER SURVEY NO. 19-060 AS PART OF CONTRACT NO. 18C-0022.
- DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA) AND ARE IN FEET AND TENTHS. A MODIFIED VERSION OF NOAA'S VDATUM MODEL WAS USED TO CALIBRATE TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS BELOW:  
NOAA TIDAL STATION 872-0137 G USED FOR ALL CUTS. (PID: DI0710)
- 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: "CAMDENGA-NASSAU-DUVAL-ST-JOHNS-FLAGLER\_01FEB2011.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 NORTH AMERICAN DATUM OF 1983 (NAD83).
- ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
- THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:  
REFERENCE BASE LOCATED AT "N-326" (PID: BC0197)
- VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMARTSOUNDER MODEL 835 DUAL-FREQUENCY 28/200 KHZ SINGLE-BEAM TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.  
VESSEL      DATE OF SURVEY      CUT  
SB-50      25 JAN 2019      CUT-27A  
SB-50      11 FEB 2019      CUT-27A  
SB-50      27 FEB 2019      CUT-27C  
SB-50      22, 28 MAR 2019      CUTS 24, 25, 26, 26A  
SB-50      08 APR 2019      CUT-27
- 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 1110-2-1003, HYDROGRAPHIC SURVEYING, 30 NOV 2013.

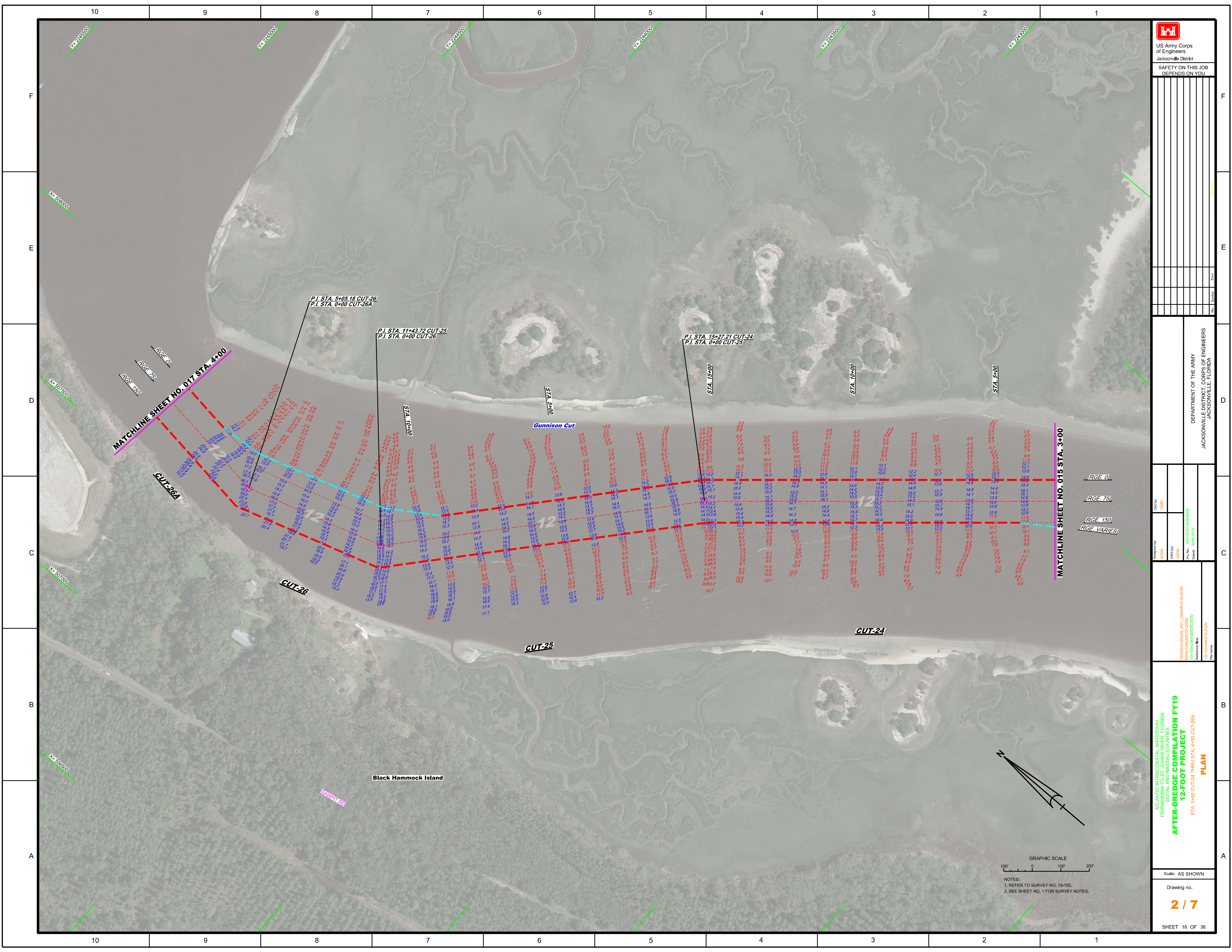
LEGEND	
	MONUMENT
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUM BUOY
	TIDE STAFF
	PROJECT DEPTH

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

ATLANTIC INTRACOASTAL WATERWAY  
FERNANDINA TO ST. JOHNS RIVER, FLORIDA  
DUVAL AND NASSAU COUNTIES  
AFTER-DREDGE COMPILATION FY19  
12-FOOT PROJECT  
INDEX, LOCATION AND VICINITY  
MAP

Scale: AS SHOWN  
Drawing no.  
**1 / 7**  
SHEET 01 OF 36

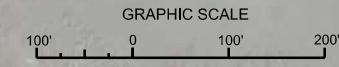


DEPARTMENT OF THE ARMY  
 JACKSONVILLE DISTRICT CORPS OF ENGINEERS  
 JACKSONVILLE, FLORIDA

Check by: GHR  
 Designed by: WRM  
 Drawn by: WRM  
 File No: W12255-16-0006  
 Date: APR 2019  
 Reference files:  
 W12255-16-0006  
 W12255-16-0006  
 W12255-16-0006

ATLANTIC INTRACOASTAL WATERWAY  
 FERRANDIA TO ST. JOHNS RIVER, FLORIDA  
 DUVAL AND NASSAU COUNTIES  
**AFTER-DREDGE COMPILATION FY19  
 12-FOOT PROJECT**  
 STA. 3+00 CUT-24 THRU STA. 4+00 CUT-26A  
**PLAN**

Scale: AS SHOWN  
 Drawing no.  
**2 / 7**  
 SHEET 16 OF 36



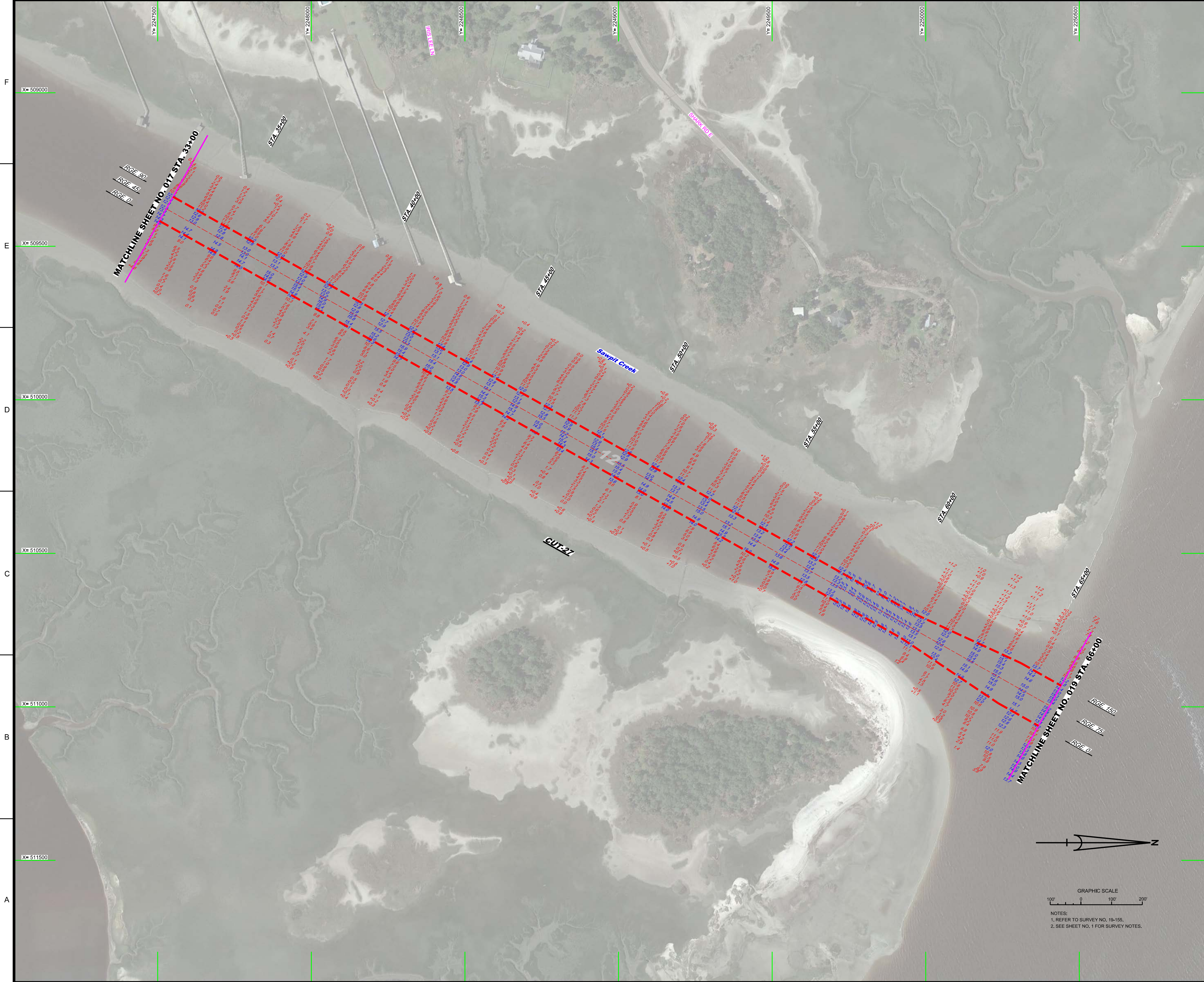
NOTES:  
 1. REFER TO SURVEY NO. 19-155.  
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.





US Army Corps of Engineers  
Jacksonville District

SAFETY ON THIS JOB  
DEPENDS ON YOU



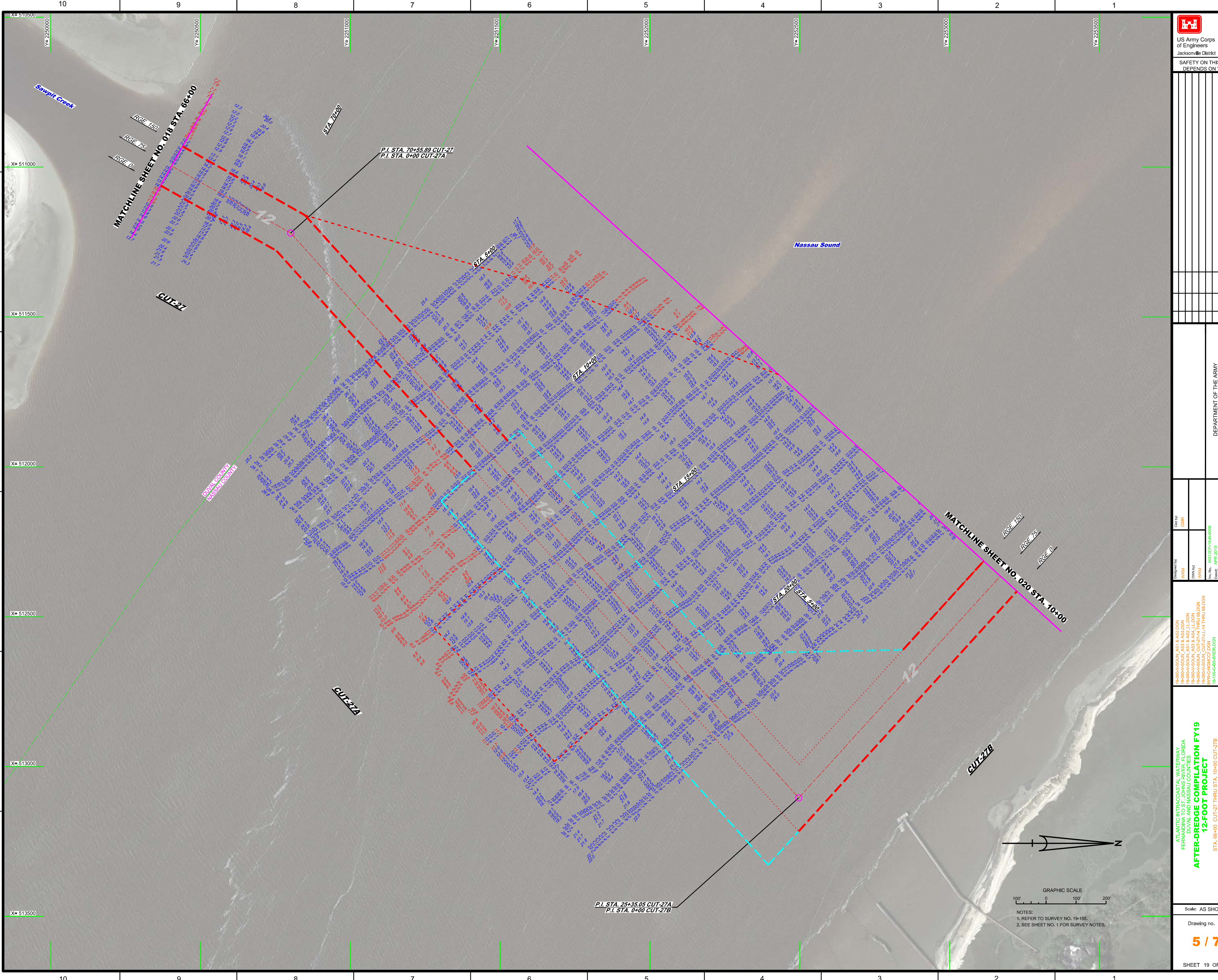
Rev.	By	Date	Description

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

Checked By	Date
GHR	

Designed By	Date
WRM	

ATLANTIC INTRACOASTAL WATERWAY  
FERRELLINA TO ST. JOHNS RIVER, FLORIDA  
DUVAL AND NASSAU COUNTIES  
**12-FOOT PROJECT**  
STA. 33+00 THRU STA. 66+00 CUT-27  
**PLAN**



US Army Corps  
of Engineers  
Jacksonville District  
SAFETY ON THIS JOB  
DEPENDS ON YOU

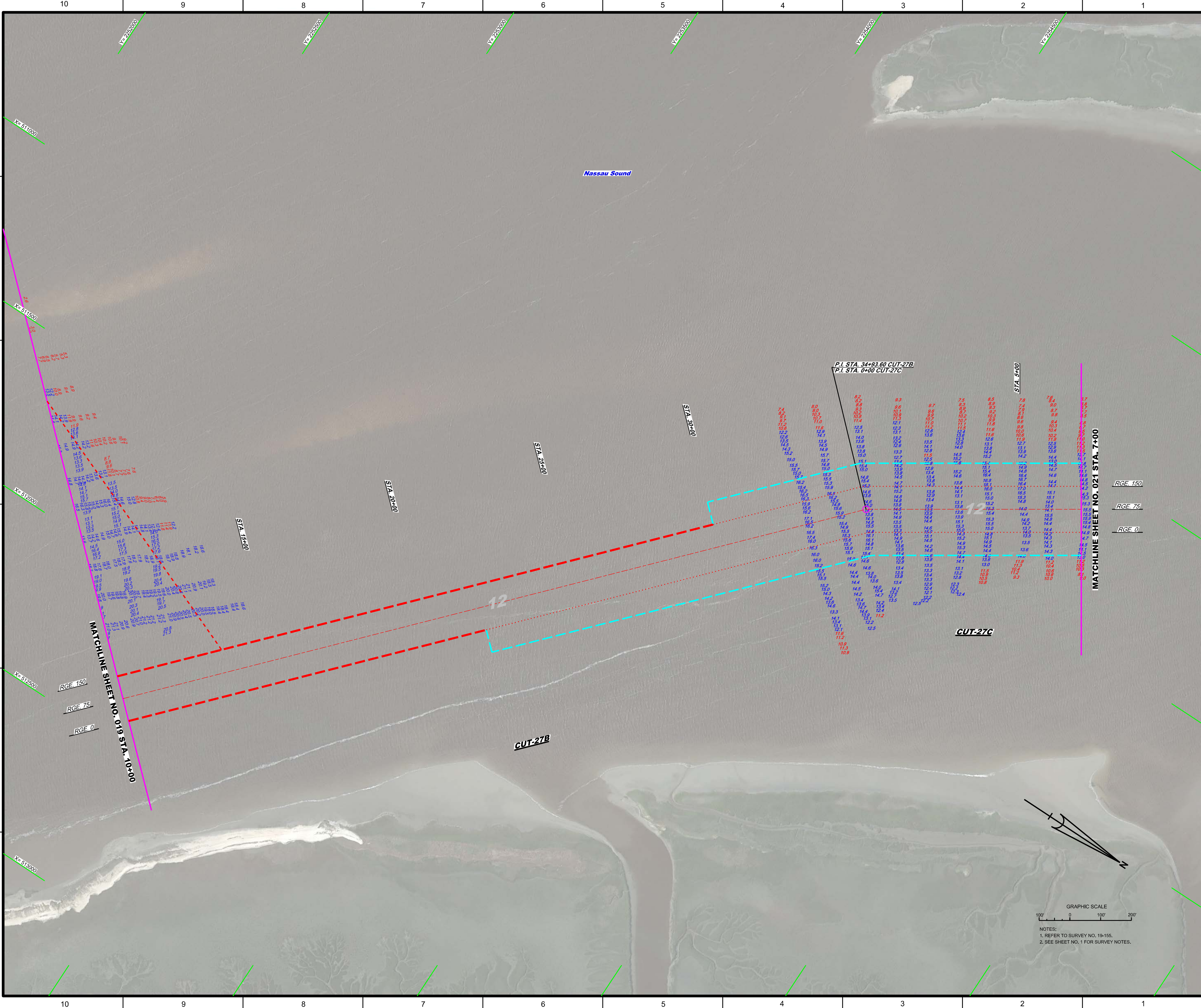

DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA


Check By: GHR  
Designed By: WRM  
Drawn By: WRM  
File No: W12525A-16-0206  
Date: APR 2019  
Reference File: 16-1556-BS-RR1LDON  
File Name: 16-1556-RR1LDON

ATLANTIC INTRACOASTAL WATERWAY  
FERRENDINA TO ST. JOHNS RIVER, FLORIDA  
DUVAL AND NASSAU COUNTIES  
**AFTER-DREDGE COMPILATION FY19**  
**12-FOOT PROJECT**  
STA. 66+00 CUT-27 THRU STA. 10+00 CUT-27B  
**PLAN**

GRAPHIC SCALE  
100' 0 100' 200'  
NOTES:  
1. REFER TO SURVEY NO. 19-155.  
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

Scale: AS SHOWN  
Drawing no.  
**5 / 7**  
SHEET 19 OF 36

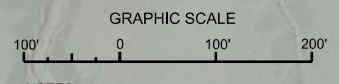




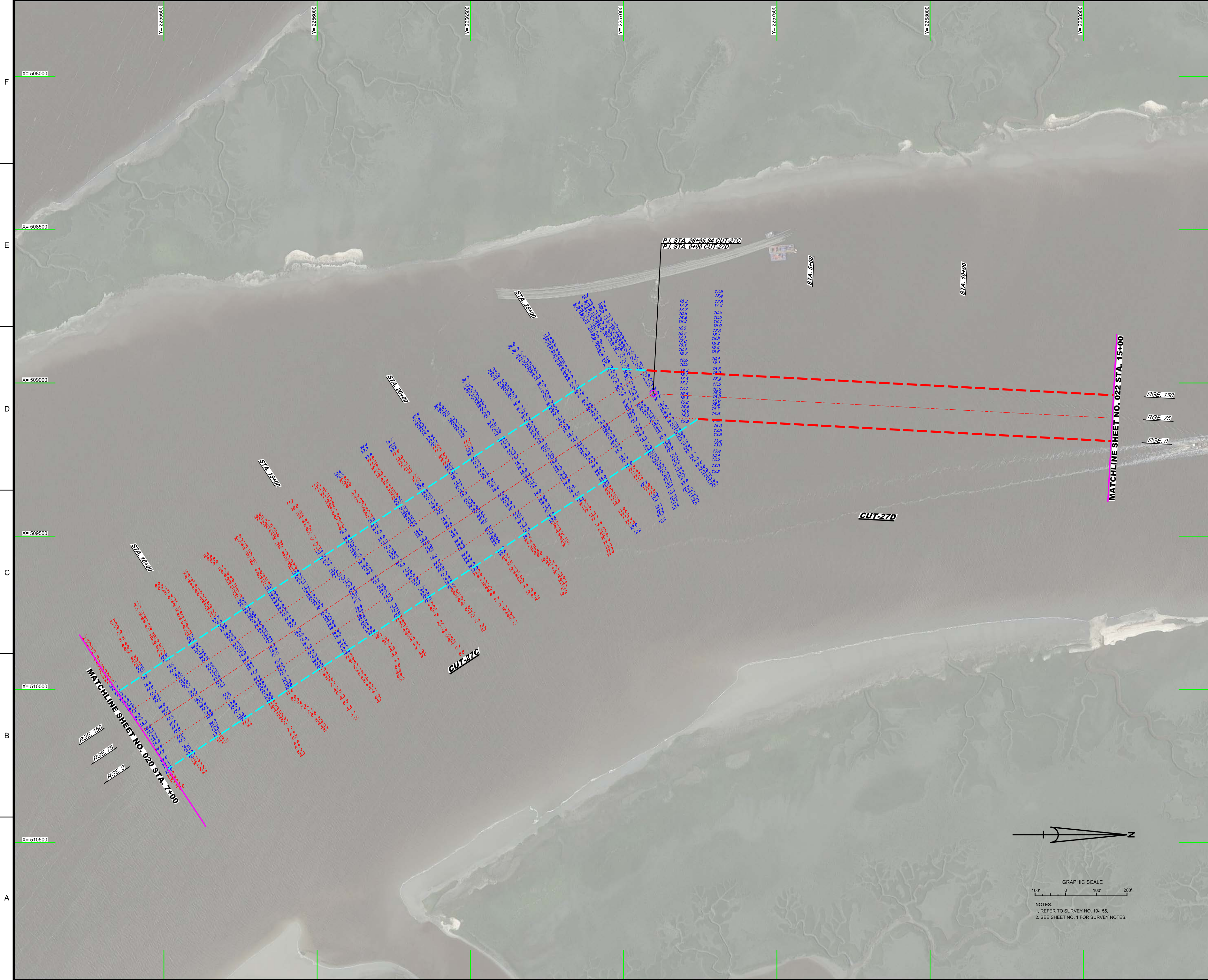
US Army Corps  
of Engineers  
Jacksonville District

**SAFETY ON THIS JOB  
DEPENDS ON YOU**

DEPARTMENT OF THE ARMY JACKSONVILLE DISTRICT, CORPS OF ENGINEERS JACKSONVILLE, FLORIDA																						
<table border="0" style="width: 100%;"> <tr> <td style="width: 10%;">Checked by:</td> <td style="width: 10%;">GHR</td> <td style="width: 10%;">Designed by:</td> <td style="width: 10%;">WRM</td> <td style="width: 10%;">Drawn by:</td> <td style="width: 10%;">WRM</td> <td style="width: 10%;">File No.:</td> <td style="width: 10%;">WR225A-16-0026</td> <td style="width: 10%;">Reference Map:</td> <td style="width: 10%;">16-155A-HQ2LDGN</td> <td style="width: 10%;">Date:</td> <td style="width: 10%;">APR 2019</td> </tr> </table>											Checked by:	GHR	Designed by:	WRM	Drawn by:	WRM	File No.:	WR225A-16-0026	Reference Map:	16-155A-HQ2LDGN	Date:	APR 2019
Checked by:	GHR	Designed by:	WRM	Drawn by:	WRM	File No.:	WR225A-16-0026	Reference Map:	16-155A-HQ2LDGN	Date:	APR 2019											
<p>ATLANTIC INTRACOASTAL WATERWAY FERRELLA TO ST. JOHNS RIVER, FLORIDA DUVAL AND NASSAU COUNTIES <b>AFTER-DREDGE COMPILATION FY19 12-FOOT PROJECT</b> STA. 0+00 CUT-27B THRU STA. 7+00 CUT-27C <b>PLAN</b></p>																						
<p>Scale: AS SHOWN</p> <p>Drawing no. <b>6 / 7</b></p> <p>SHEET 20 OF 36</p>																						



NOTES:  
1. REFER TO SURVEY NO. 18-155.  
2. SEE SHEET NO. 1 FOR SURVEY NOTES.



DESIGNED BY: WRM		CHECKED BY: GHR	
DRAWN BY: WRM		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	
PROJECT: ATLANTIC INTRACOASTAL WATERWAY		DRAWING NO.: 12-FOOT PROJECT	
LOCATION: FERRANDIA TO ST. JOHNS RIVER, FLORIDA		DATE: APR 2019	
DRAWING NO.: 12-FOOT PROJECT		DATE: APR 2019	

Scale: AS SHOWN  
Drawing no. **7/7**  
SHEET 21 OF 36