

# PONCE HARBOR PONCE, PUERTO RICO PROJECT CONDITION SURVEY FY21 36-FOOT PROJECT

**SURVEY NOTES**

- REFER TO SURVEY NO. 21-227.
  - ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
  - PLANE COORDINATES ARE BASED ON THE LAMBERT CONFORMAL CONIC PROJECTION FOR PUERTO RICO AND THE U.S. VIRGIN ISLANDS (PR-S200 ZONE 1), 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 WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:  
REFERENCE BASE LOCATED AT "PH-1 USE" (PID: TV0001)
  - DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). THE NGS BENCHMARK LISTED BELOW WAS USED TO CALIBRATE TO THE PUBLISHED MLLW HEIGHTS AT THE BENCHMARK ASSOCIATED WITH THE TIDE GAGE SITE SPECIFIED BELOW:  
NGS BENCHMARK "PH-1 USE" FOR ALL CUTS (PID: TV0001)
  - VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMARTSOUNDER DUAL-FREQUENCY 28/200 KHZ SINGLE-BEAM TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.
- | VESSEL | DATE OF SURVEY | CUT                  |
|--------|----------------|----------------------|
| SB-34  | 28 JUL 2021    | 1-3, MUNICIPAL BASIN |
- AIDS TO NAVIGATION WERE NOT 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 1110-2-1003, 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

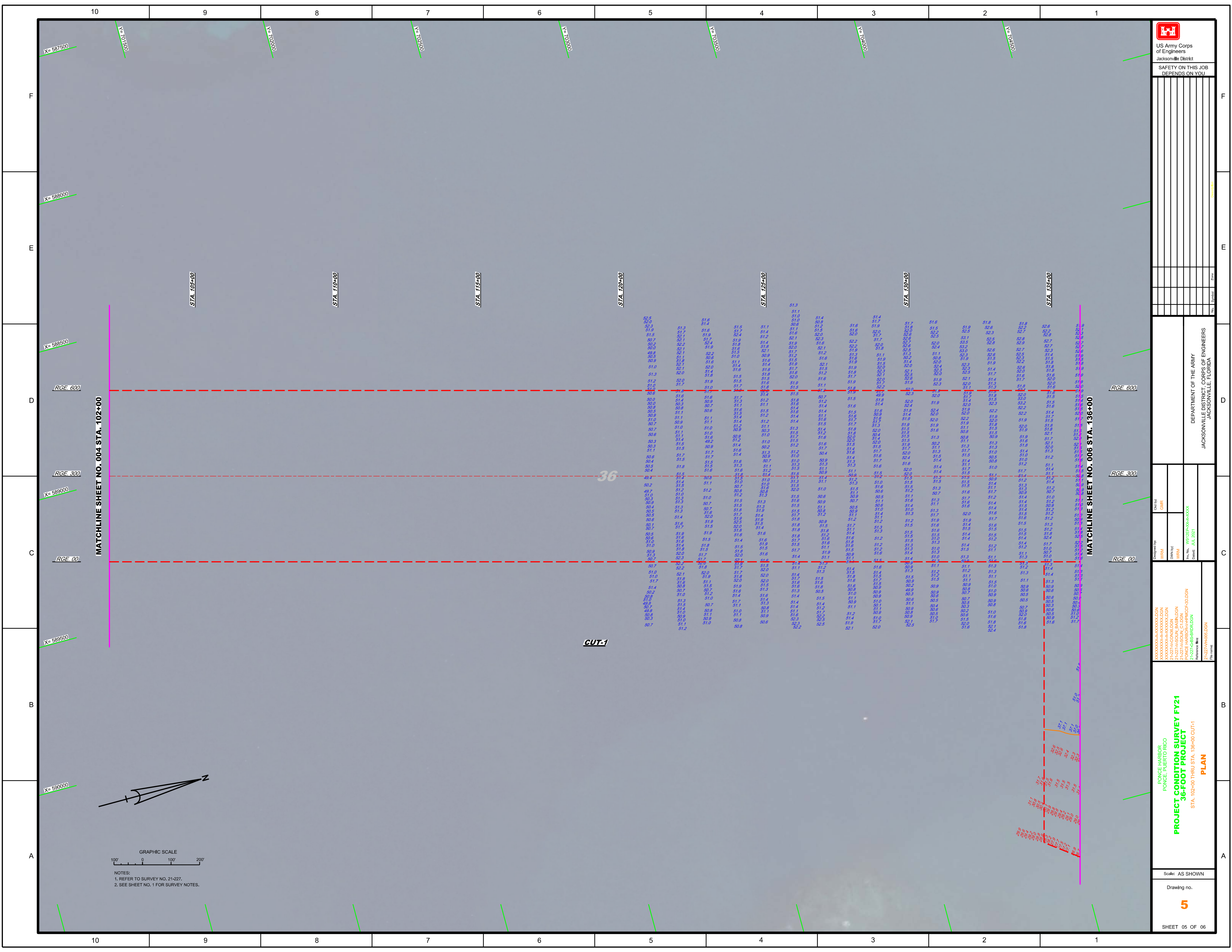
PROJECT CONDITION SURVEY FY21  
36-FOOT PROJECT  
INDEX, LOCATION AND SHEET  
MAP

Scale: AS SHOWN  
Drawing no. 1  
SHEET 01 OF XX

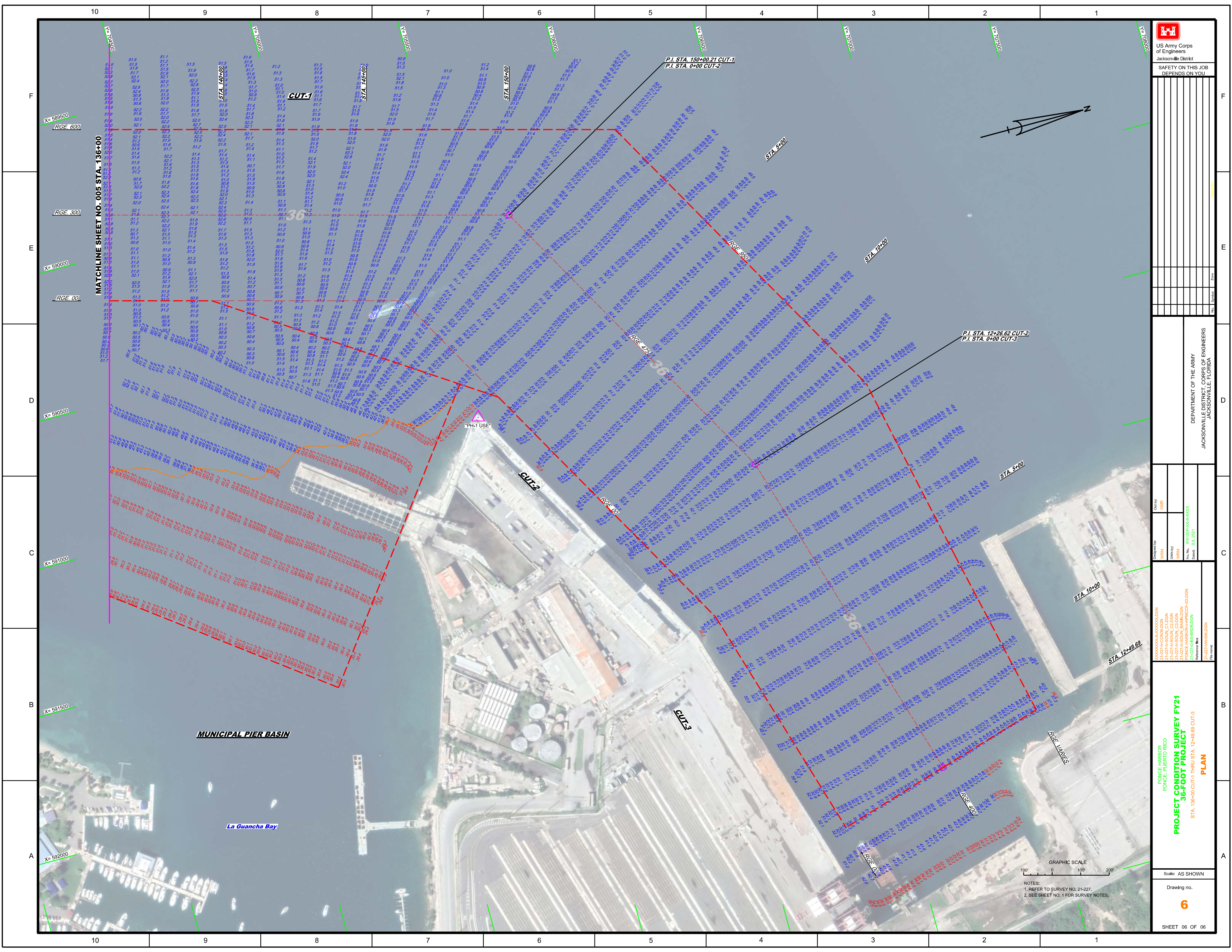








NOTES:  
1. REFER TO SURVEY NO. 21-227.  
2. SEE SHEET NO. 1 FOR SURVEY NOTES.



 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	
Checked by: GHR Drawn by: WRM Date: JUL 2021	Project No: 21-227-PA-000A Revision: 001 Date: JUL 2021
<b>PROJECT CONDITION SURVEY FY21</b> <b>36-FOOT PROJECT</b> STA. 0+00 CUT-1 THRU STA. 12+49.69 CUT-3 <b>PLAN</b>	
Scale: AS SHOWN Drawing no. <b>6</b> SHEET 06 OF 06	

GRAPHIC SCALE  
 1" = 200'  
 0 100 200

NOTES:  
 1. REFER TO SURVEY NO. 21-227.  
 2. SEE SHEET NO. 1 FOR SURVEY NOTES.