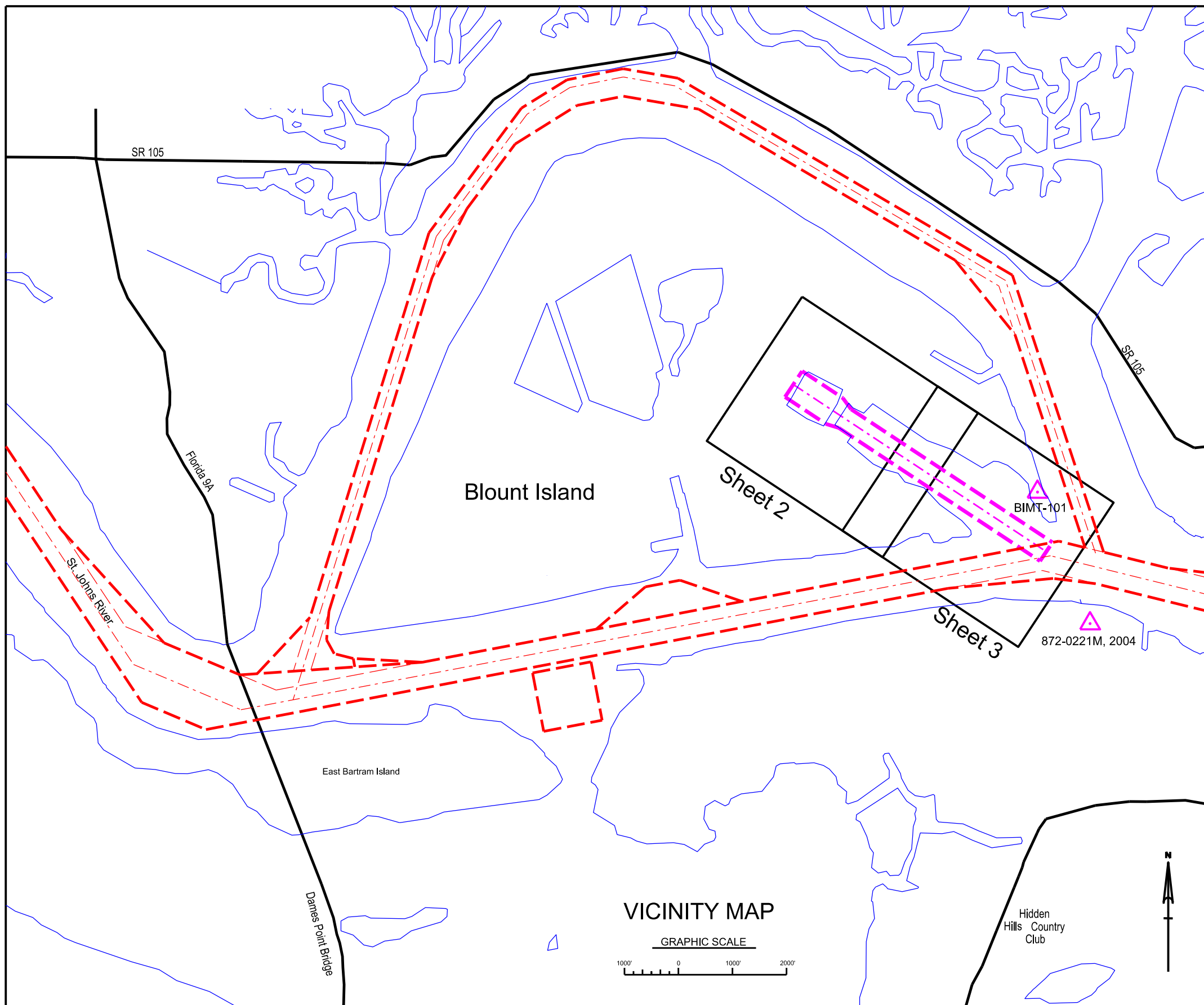
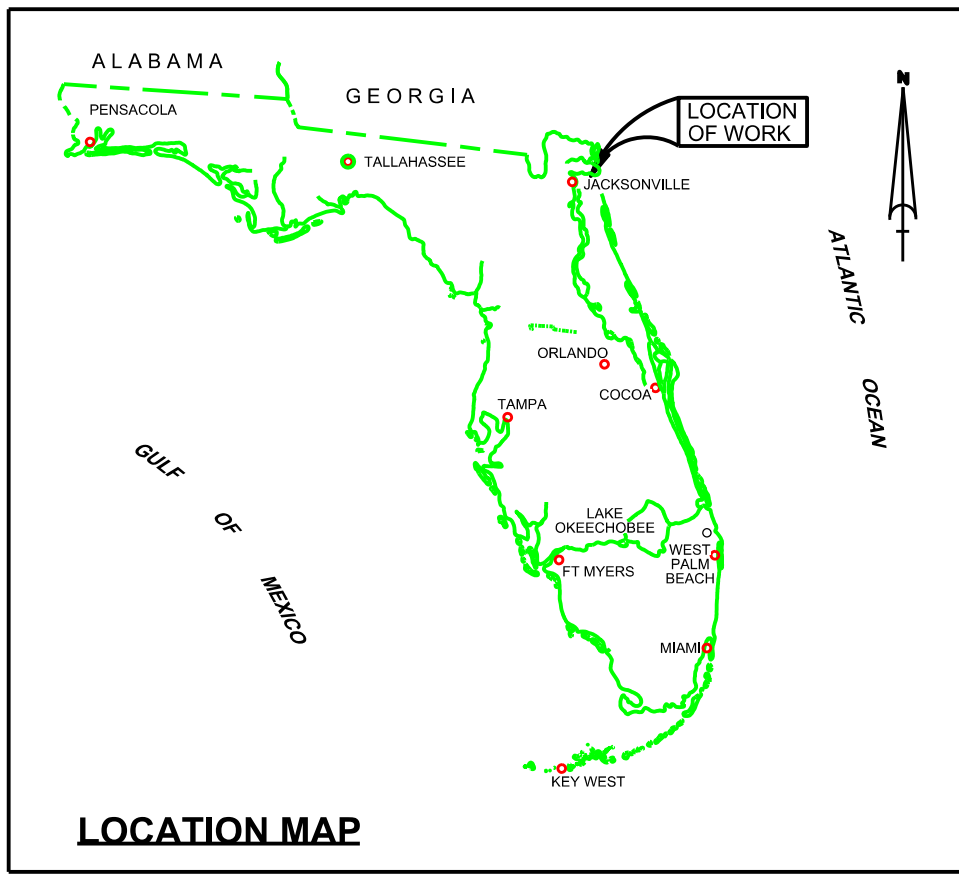


U.S. MARINE CORPS - BLOUNT ISLAND COMMAND

BLOUNT ISLAND MARINE TERMINAL

2ND QUARTER HYDROGRAPHIC EXAMINATION SURVEY

FY15



SURVEY NOTES:

- REFER TO SURVEY NO. 15-046.
 - DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001, AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARK ASSOCIATED WITH THE TIDE GAGE SITE SPECIFIED BELOW:

NOAA TIDAL STATION "872-0221", FULTON, ST. JOHNS RIVER FOR ALL CUTS
 - TIDAL REDUCTIONS WERE OBTAINED USING REAL-TIME KINEMATIC (RTK) GPS AND UTILIZING A HYPACK KINEMATIC TIDAL DATUM (KTD) MODEL, TITLED CAMDENGA-NASSAU-DUVAL-STJOHNS-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 THE NORTH AMERICAN DATUM OF 1983.
 - ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
 - ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
 - THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

REFERENCE BASE LOCATED AT "BIMT-101" (OPUS PID: BBBX61)
TIDE STAFF SET FROM "BIMT-101" (OPUS PID: BBBX61)
 - VERTICAL MEASUREMENTS WERE MADE USING AN R2 SONIC 2024 MULTIBEAM SYSTEM AND A ROSS SMART SOUNDER DUAL FREQUENCY 28/200KHZ SINGLE-BEAM SOUNDER. DEPTHS OUTSIDE THE SECURITY GATE ARE SHOWN IN HIGH FREQUENCY (240 KHZ). DEPTHS INSIDE SECURITY GATE ARE SHOWN IN LOW FREQUENCY (28KHZ).
- | VESSEL | DATE OF SURVEY | AREA |
|--------|----------------|-----------------------|
| SB-46 | 12-13 MAR 2015 | STA 0+00 TO STA 57+00 |
- THE INFORMATION DEPICTED ON THESE MAPS REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME. THIS CHART IS NOT TO BE USED FOR NAVIGATION.
 - SURVEY ACCURACY STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYS, 30 NOV 2013.

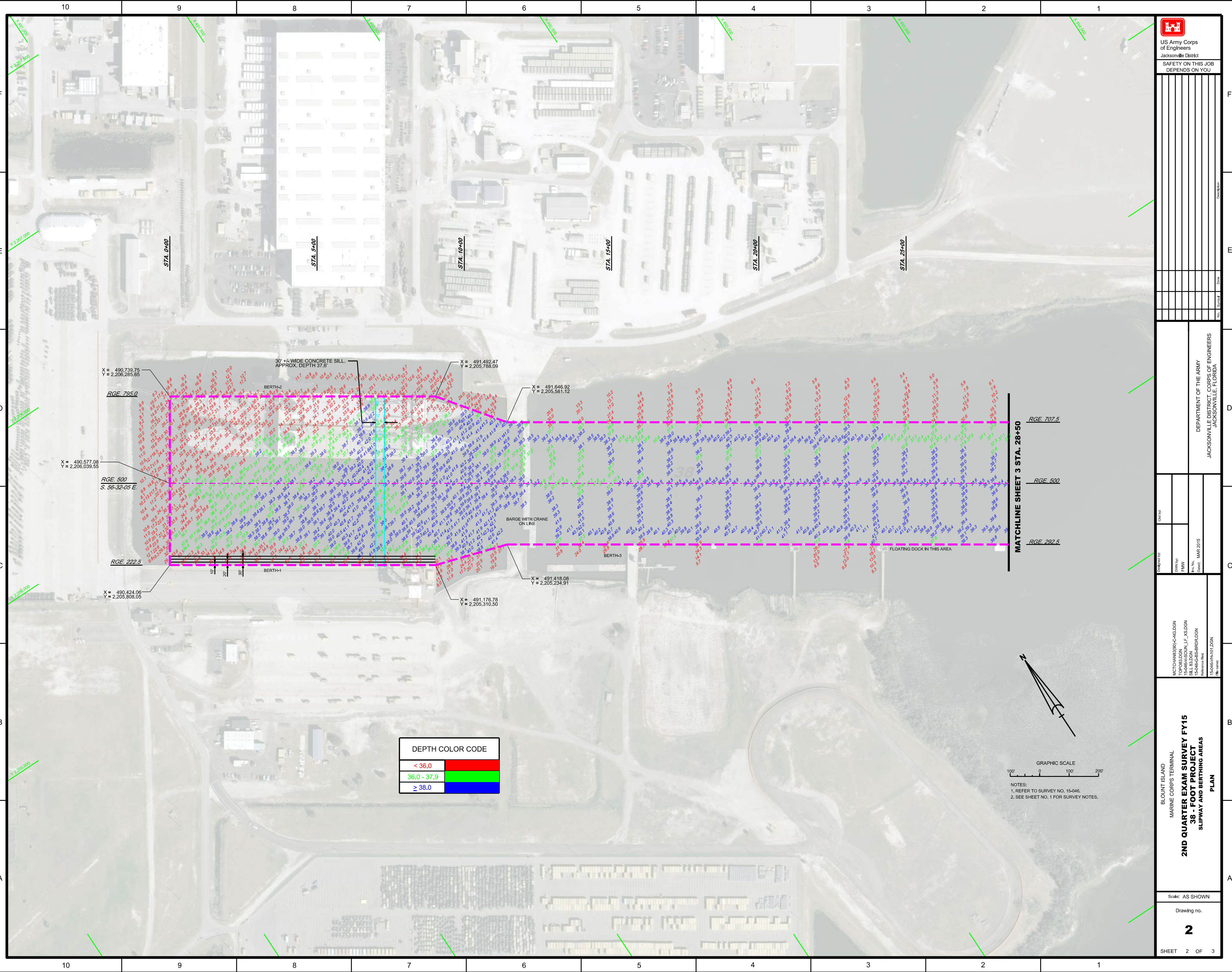
LEGEND	
	BENCHMARK
	LIGHTED BEACON
	GREEN DAY BEACON
	RED DAY BEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF
	PROJECT DEPTH

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

Blount Island
MARINE CORPS TERMINAL
2ND QUARTER EXAM SURVEY FY15
38' FOOT PROJECT
SLIPWAY AND BERTHING AREAS
LOCATION AND VICINITY MAP

Scale: AS SHOWN
Drawing no.
1
SHEET 1 OF 3



30' +/- WIDE CONCRETE SILL.
APPROX. DEPTH 37.6'

BERTH-2

BERTH-1

BERTH-3

BARGE WITH CRANE ON LINE

FLOATING DOCK IN THIS AREA

STA. 0+00

STA. 5+00

STA. 10+00

STA. 15+00

STA. 20+00

STA. 25+00

RGE 795.0

RGE 500
S. 56-32-05 E

RGE 222.5

RGE 707.5

RGE 500

RGE 292.5

MATCHLINE SHEET 3 STA. 28+50

X = 490,739.75
Y = 2,206,265.65

X = 490,577.08
Y = 2,206,039.55

X = 490,424.08
Y = 2,205,808.05

X = 491,492.47
Y = 2,205,788.09

X = 491,646.92
Y = 2,205,581.12

X = 491,418.08
Y = 2,205,234.91

X = 491,176.78
Y = 2,205,310.50

