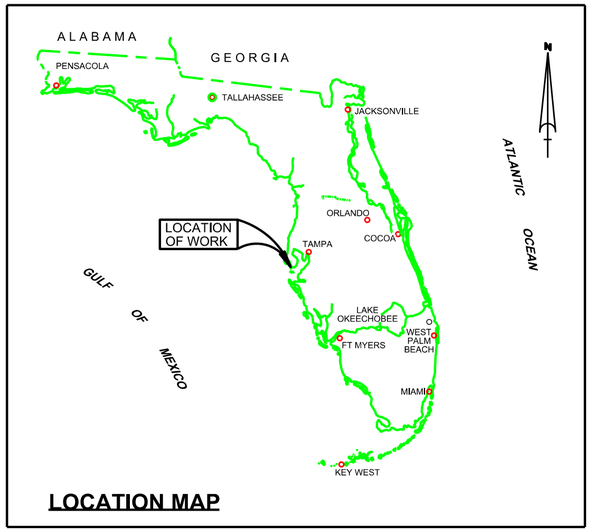


LOCATION MAP

PASS-A-GRILLE
PINELLAS COUNTY, FLORIDA
PROJECT CONDITION SURVEY
FY19
8 & 10-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 19-265.
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: "SPC-FL-WEST-2010-12-07.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 WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
7. THIS SURVEY WAS PERFORMED USING REALT-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

   REFERENCE BASE LOCATED AT "872 6428 C" (NGS/OPUS PID: AG7403)

   MEASURE DOWN LOCATED FROM "872 6428 C" (NGS/OPUS PID: AG7403)
8. 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 BENCHMARKS ASSOCIATED WITH THE TIDE GAUGE SITES SPECIFIED BELOW:

   NOAA TIDAL STATION 872-6428, TIERRA VERDE, FLORIDA FOR CUTS.

   VERTICAL MEASUREMENTS WERE MADE USING A ROSS MODEL 835C SMART SOUNDER WITH A DUAL-FREQUENCY (28/200 KHZ) SINGLE-BEAM TRANSDUCER AND AN EDGETECH MODEL 6205 BATHYMETRIC SYSTEM. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-52	15 OCT 2019	CUTS 1-3
SB-52	16 OCT 2019	CUTS 5-7
SB-52	17 OCT 2019	CUTS 4-5, PASS-A-GRILLE MARINA & MERRY PIER AREA
SB-52	18 OCT 2019	CUTS 1, 2, 4-7
SB-52	22 OCT 2019	CUT-4

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 13.

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: VRM
Drawn by: VRM
Checked by: GMR
Trv. No.
Date: OCT 2019

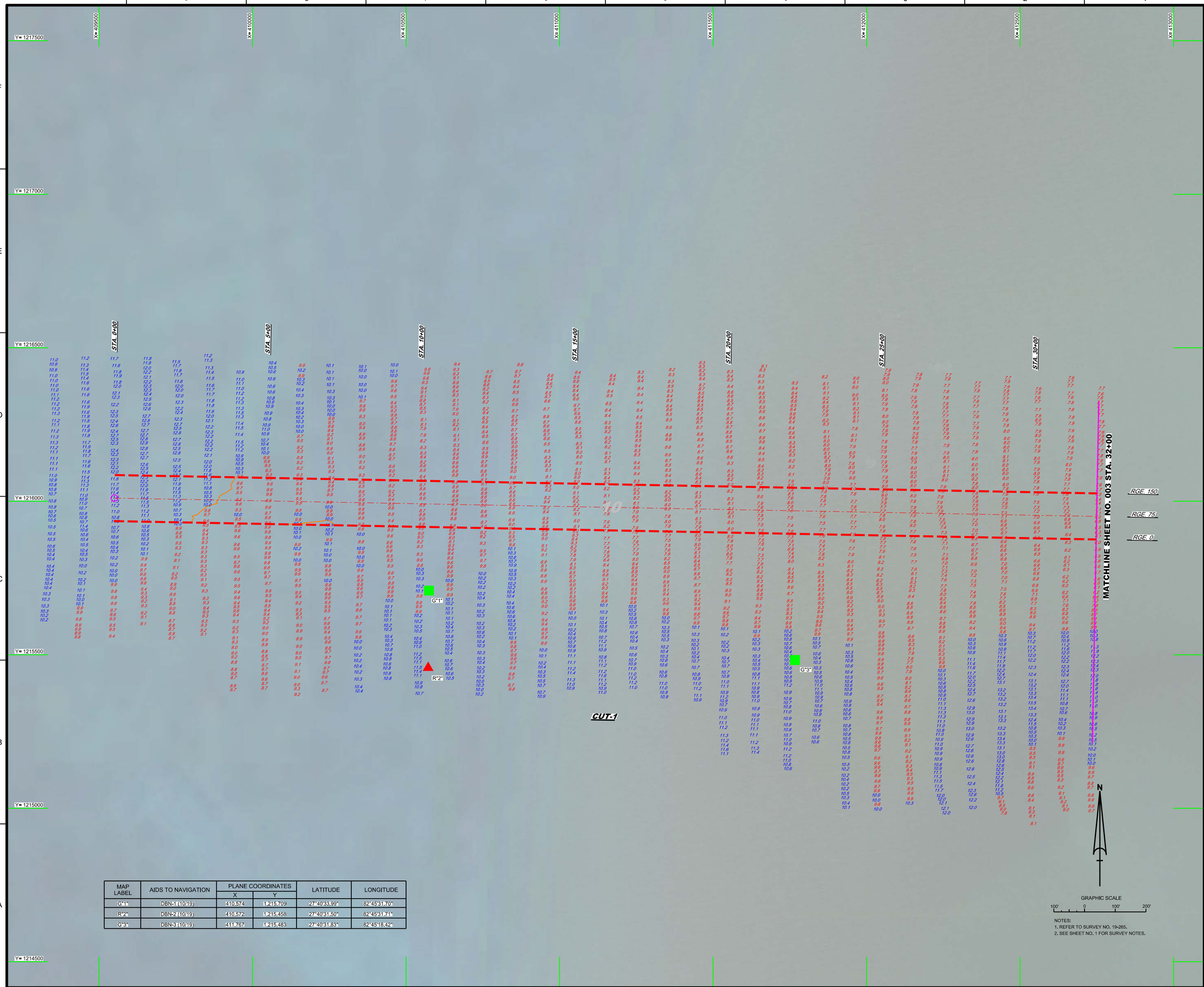
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
GRWC-CAGMCCF.DGN
TILK17-C-NGPAISSCH.DGN
19-265-CBS-BRDR.DGN
Reference files
19-265-VH-001.DGN
Xref name:

PASS-A-GRILLE
PINELLAS COUNTY, FLORIDA
PROJECT CONDITION SURVEY FY19
8 & 10-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 06



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"1"	DBN-1 (10/19)	410,574	1,215,709	27°40'33.99"	82°45'31.70"
R"2"	DBN-2 (10/19)	410,572	1,215,458	27°40'31.50"	82°45'31.71"
G"3"	DBN-3 (10/19)	411,767	1,215,483	27°40'31.83"	82°45'18.42"

NOTES:
1. REFER TO SURVEY NO. 19-265.
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: VIRM
DWN by: VIRM
Ckd by: GMR
Rev. No.
Date: OCT 2019

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
19-265-A-NAV.DGN
19-265-A-VERTICAL.DGN
19-265-A-SOUN_CTL.DGN
TILK17-C-NGPASSCHI.DGN
19-265-C-BS-BRDR.DGN
Reference files:
19-265-VH-002.DGN
File name:

PASS-A-GRILLE
PINELLAS COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY19
8 & 10-FOOT PROJECT

STA. 0+00 THRU STA. 32+00 CUT-1

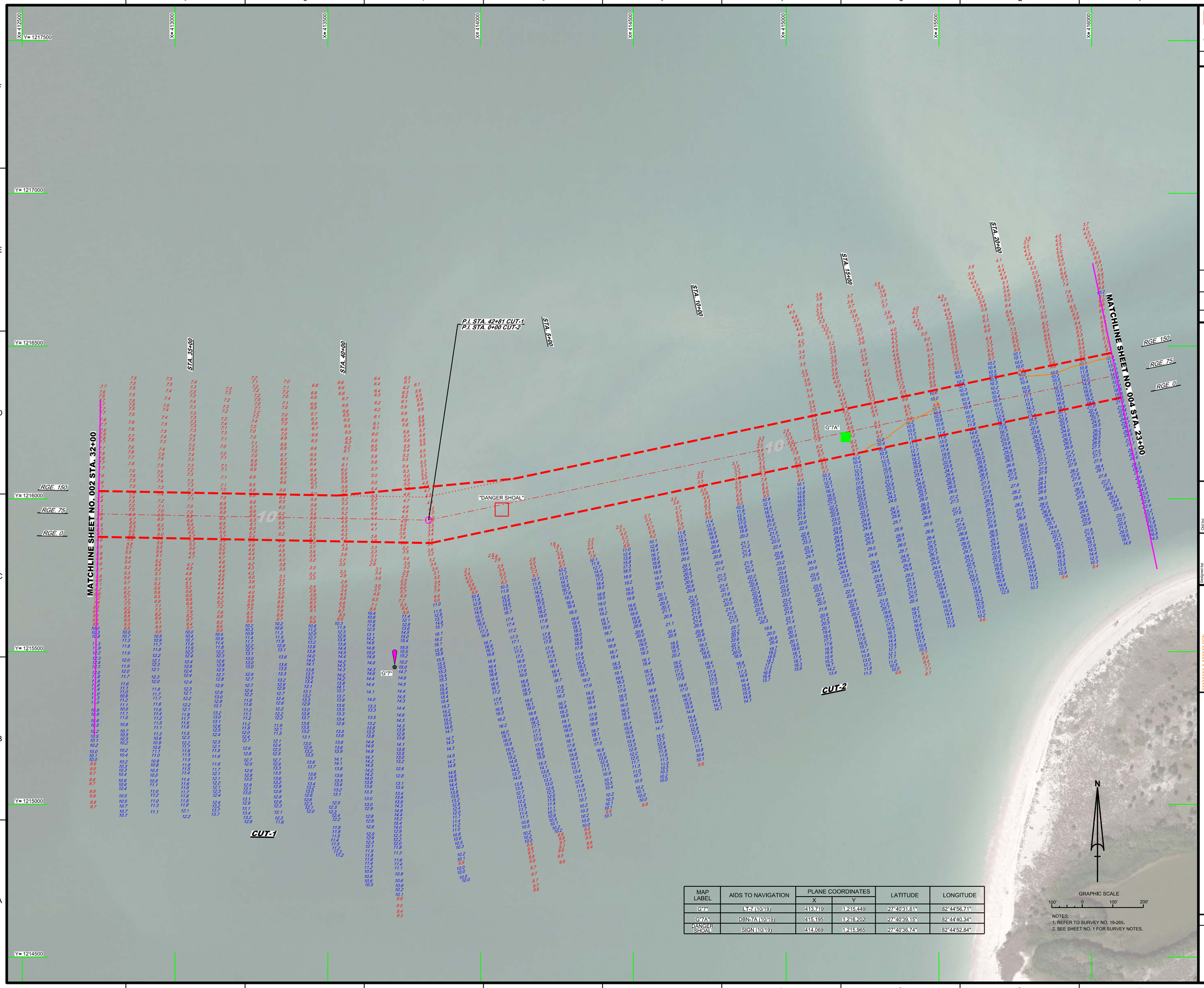
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 06



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"7"	LT-7 (10/19)	413,719	1,215,449	27°40'31.61"	82°44'56.71"
G"7A"	DBN-7A (10/19)	415,195	1,216,202	27°40'39.15"	82°44'40.34"
DANGER SHOAL	SIGN (10/19)	414,069	1,215,965	27°40'36.74"	82°44'52.84"

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-265.
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: VIRM
Drawn by: VIRM
Checked by: CMR
Date: OCT 2019
Rev. No.

Reference files:
19-265-H-H003.DGN
19-265-H-V-CONTOUR.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
19-265-H-NAV.DGN
19-265-H-CONTOUR.DGN
19-265-H-SOUN_CT.DGN
19-265-H-SOUN_C1.DGN
TILK17-C-NGPASSGRID.DGN
19-265-C-BS-BNDR.DGN
File name:
19-265-VH-003.DGN

PASS-A-GRILLE
PINELLAS COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY19
8 & 10-FOOT PROJECT

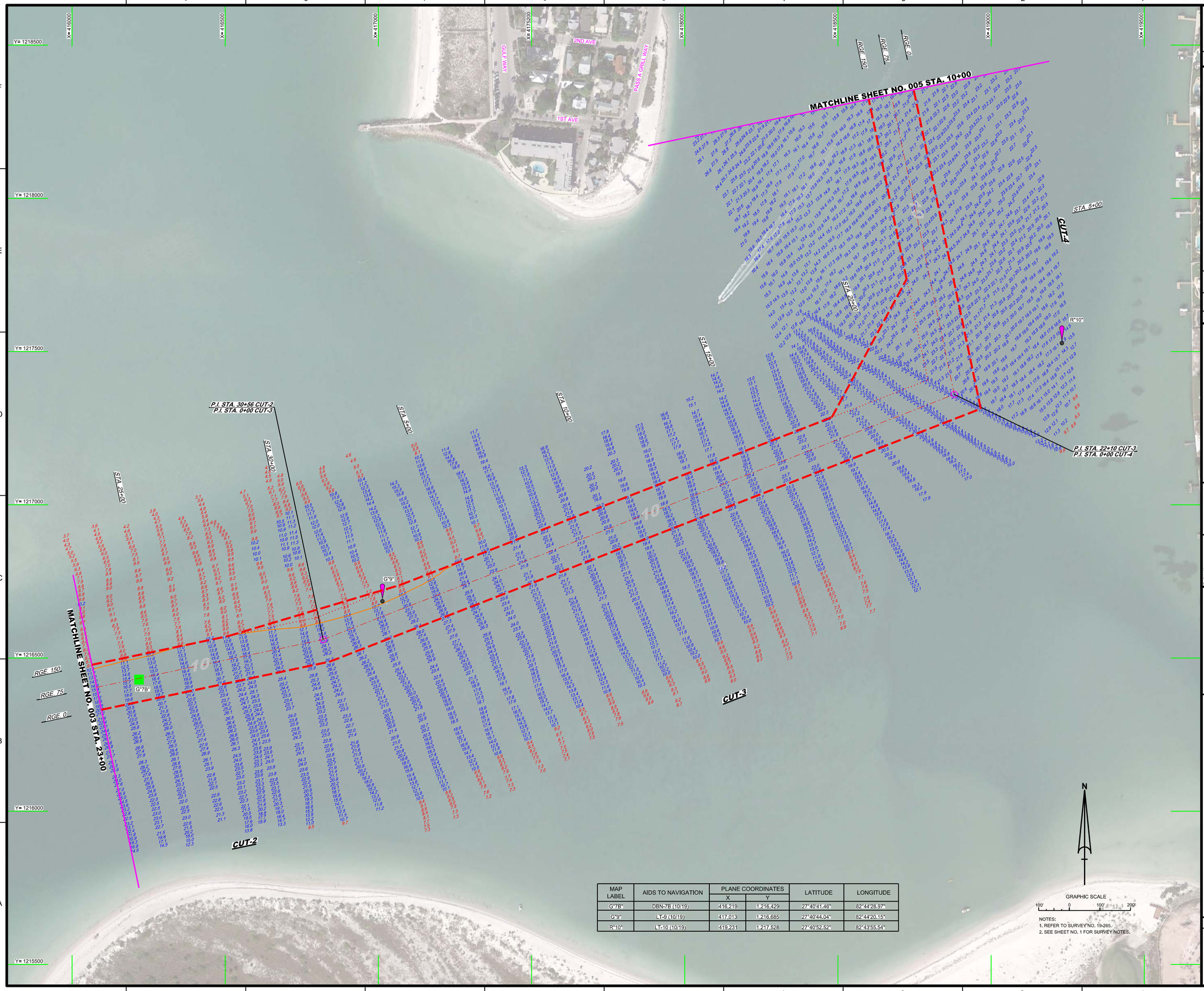
STA. 32+00 CUT-1 THRU STA. 23+00 CUT-2

PLAN

Scale: AS SHOWN

Drawing no.
3

SHEET 03 OF 06



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"7B"	DBN-7B (10/19)	416,219	1,216,429	27°40'41.46"	82°44'28.97"
G"9"	LT-9 (10/19)	417,013	1,216,685	27°40'44.04"	82°44'20.15"
R"10"	LT-10 (10/19)	419,231	1,217,528	27°40'52.52"	82°43'55.54"

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-265.
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: MRM
DWN by: MRM
Ckd by: GMR
Proj. No.
Date: OCT 2019

X:\CIVIL\19-265-PASS-A-GRILL\
A0-265-A-AAA-LOD.DGN
19-265-A-CON10.DGN
19-265-A-SOUL_C4.DGN
19-265-A-SOUL_C3.DGN
19-265-A-SOUL_C2.DGN
TILK17-C-NGP-ASSCH.DGN
19-265-C-BS-BRDR.DGN
Reference files:
19-265-A-HK004.DGN
File name:

PASS-A-GRILLE
PINELLAS COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY19
8 & 10-FOOT PROJECT

STA. 23+00 CUT-2 THRU STA. 10+00 CUT-4

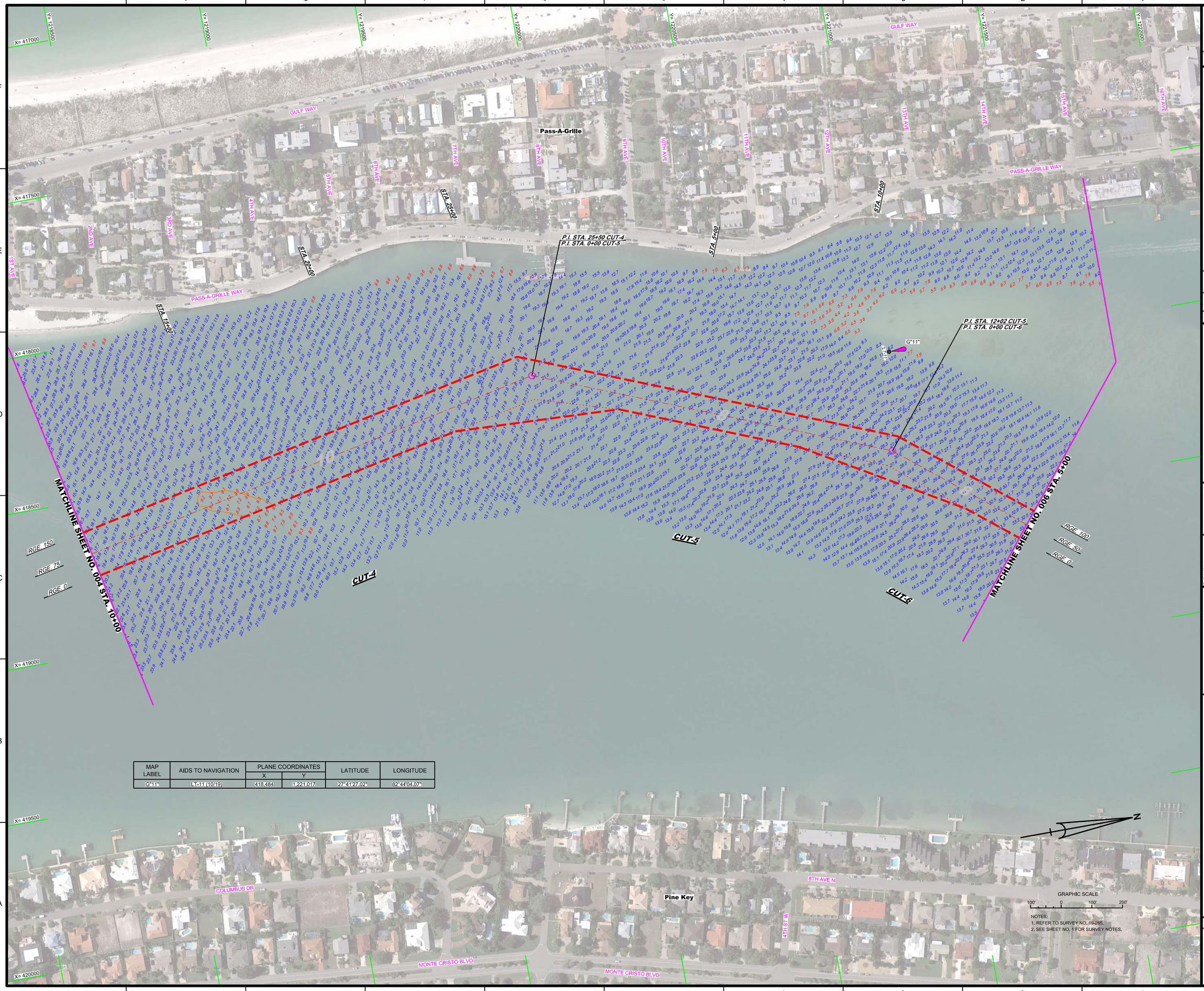
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 06



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"11"	LT-11 (10/19)	418,484	1,221,017	27°41'27.02"	82°44'04.07"

NOTES:
1. REFER TO SURVEY NO. 19-265.
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: VIRM
Drawn by: VIRM
Checked by: CMR
Rev. No.
Date: OCT 2019

Reference files:
XX-XX-XX-XX-XXXXX.DGN
19-265-XAMAP.DGN
19-265-VC-CONT10.DGN
19-265-VC-SOUN_C8.DGN
19-265-VC-SOUN_C10.DGN
19-265-VC-SOUN_C12.DGN
TILK17-C-NGPASSCH.DGN
19-265-C-ES-BRDR.DGN
19-265-VH-005.DGN

File name:

PASS-A-GRILLE
PINELLAS COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY19
8 & 10-FOOT PROJECT

STA. 10+00 CUT-4 THRU STA. 5+00 CUT-6

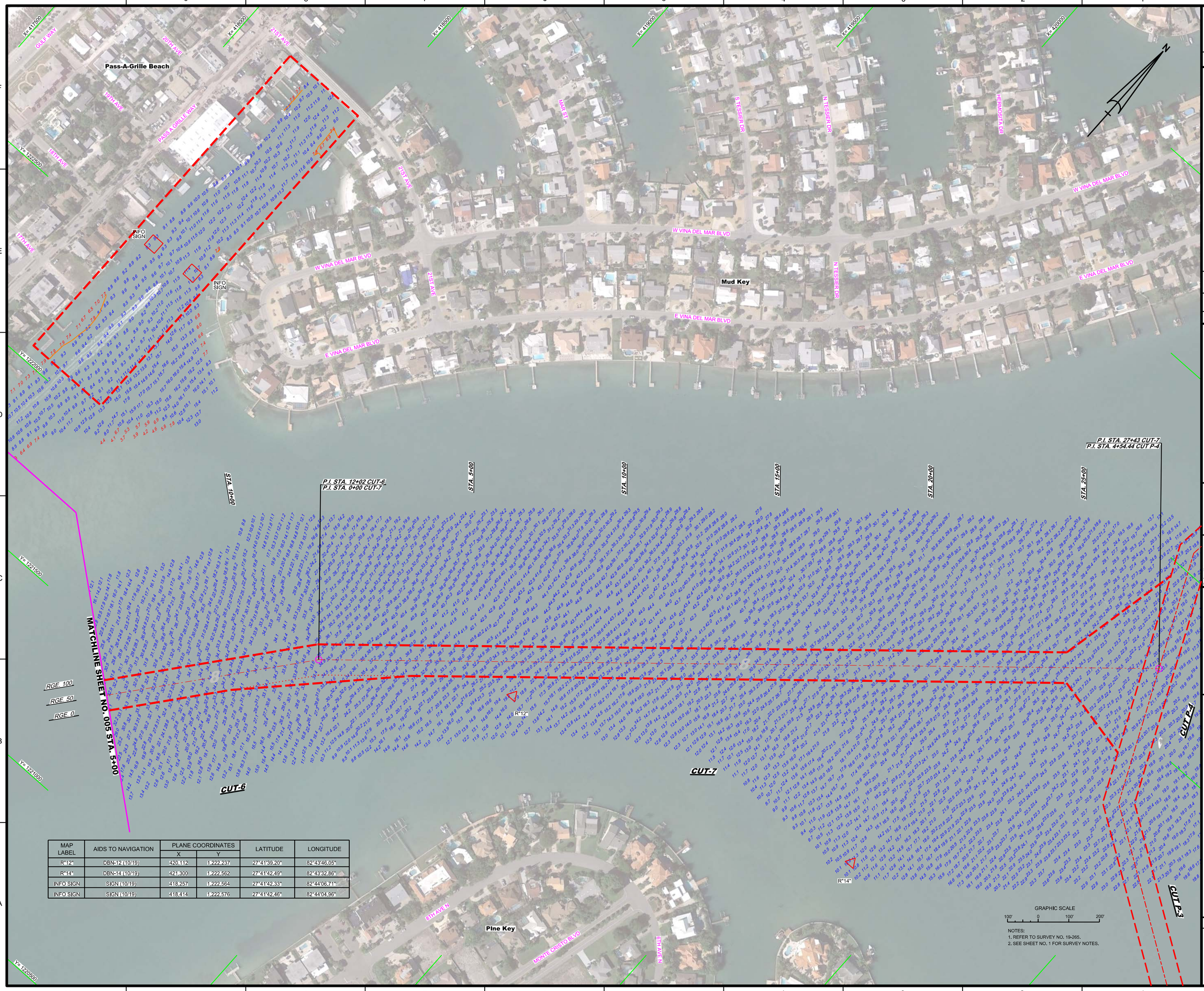
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 06



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
R"12"	DBN-12 (10/19)	420,112	1,222,237	27°41'39.20"	82°43'46.05"
R"14"	DBN-14 (10/19)	421,300	1,222,562	27°41'42.49"	82°43'32.86"
INFO SIGN	SIGN (10/19)	418,257	1,222,564	27°41'42.33"	82°44'06.71"
INFO SIGN	SIGN (10/19)	418,414	1,222,576	27°41'42.46"	82°44'04.96"

NOTES:
1. REFER TO SURVEY NO. 19-265.
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

Cad by: CMR
Designed by: VRM
DWN by: VRM
Rev. No.
Date: OCT 2019

19-265-LVH-001.DGN
19-265-LVH-CONS.DGN
19-265-LVH-SOUN_CT.DGN
19-265-LVH-SOUN_CR.DGN
19-265-LVH-SOUN_CF.DGN
GIWW-CAD-MUCF.DGN
TILK17-C-NGPASSCH.DGN
19-265-LVH-SB-BORX.DGN
Reference files:
19-265-LVH-006.DGN
File name:

PASS-A-GRILLE
PINELLAS COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY19
8 & 10-FOOT PROJECT
STA. 5+00 CUT-6 THRU STA. 27+43 CUT-7

PLAN

Scale: AS SHOWN

Drawing no.
6

SHEET 06 OF 06