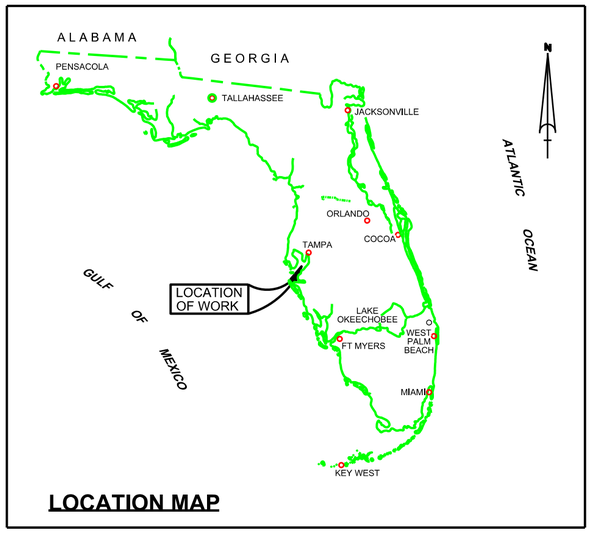


TAMPA HARBOR ZONE 7
UPPER HILLSBOROUGH BAY
HILLSBOROUGH COUNTY, FLORIDA
EXAMINATION SURVEY FY17
12, 34 AND 43-FOOT PROJECT

SURVEY ZONE	CUTS
4	CUT-F, CUT-G, GADSDEN POINT CUT
5	CUT-J, CUT-J2, CUT-K
6	CUT-A (HB), CUT-C (HB), CUT-D (HB)
7	LOWER & UPPER SPARKMAN, YBOR CH., SEDDON CH., PORT SUTTON CH., PORT SUTTON T.B., PORT SUTTON TERMINAL CH., EAST BAY CH., EAST BAY EXTENSIONS 1 & 2

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

SURVEY NOTES

1. REFER TO SURVEY NO. 17-097.
2. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MEAN LOWER LOW WATER (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 BENCH MARKS ASSOCIATED WITH THE TIDE GAGE SITE SPECIFIED BELOW:

   NOAA TIDAL STATION 872-6657, DAVIS ISLAND, HILLSBOROUGH BAY FOR UPPER TAMPA CHANNELS
3. TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL NAMED "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 REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATIONS:

   REFERENCE BASE LOCATED AT "Q-261" (NGS PID: AG6024)

   TIDE STAFF LOCATED FROM TIDAL BENCHMARK "Q-261" (NGS PID: AG6024)
8. VERTICAL MEASUREMENTS WERE MADE USING A ROSS MODEL 835 SMARTSOUNDER WITH DUAL-FREQUENCY (28/200 KHZ) SINGLE-BEAM TRANSDUCER AND AN EDGETECH 6205 COMBINED MULTI-BEAM AND SIDESCAN. SOUNDINGS SHOWN FOR PORT SUTTON TERMINAL CHANNEL ARE SHOWN IN HIGH FREQUENCY, ALL OTHER SOUNDINGS ARE SHOWN IN LOW FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-44	27 FEB 2017	SEDDON CHANNEL
SB-44	28 FEB 2017	YBOR CH., UPPER SPARKMAN CH.
SB-44	01 MAR 2017	LOWER SPARKMAN CHANNEL, PORT SUTTON CHANNEL, PORT SUTTON TURNING BASIN, PORT SUTTON TERMINAL CHANNEL
SB-44	02 MAR 2017	EAST BAY CHANNEL, EAST BAY CHANNEL EXTENSION 2
SB-44	03 MAR 2017	EAST BAY CHANNEL EXTENSION 1

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.
12. THIS MAP SET IS AN UNOFFICIAL MAP SET. OFFICIAL MAPS ARE NOW DISTRIBUTED THROUGH eHydro AND CAN BE ACCESSED BY GOING TO THE FOLLOWING LINK: HTTP://NAVIGATION.USACE.ARMY.MIL/SURVEY/HYDRO

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: GMR
Designed by: WRM
DWN by: WRM
Trx. No.
Date: MAR 2017

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
TCA02-AUNDX_ZONE7.DGN
TAMPA HARBOR-C-NGMCCF.DGN
TA097-VPH01_27.DGN
Reference files
TA097-CABS-BRDR.DGN
File name:

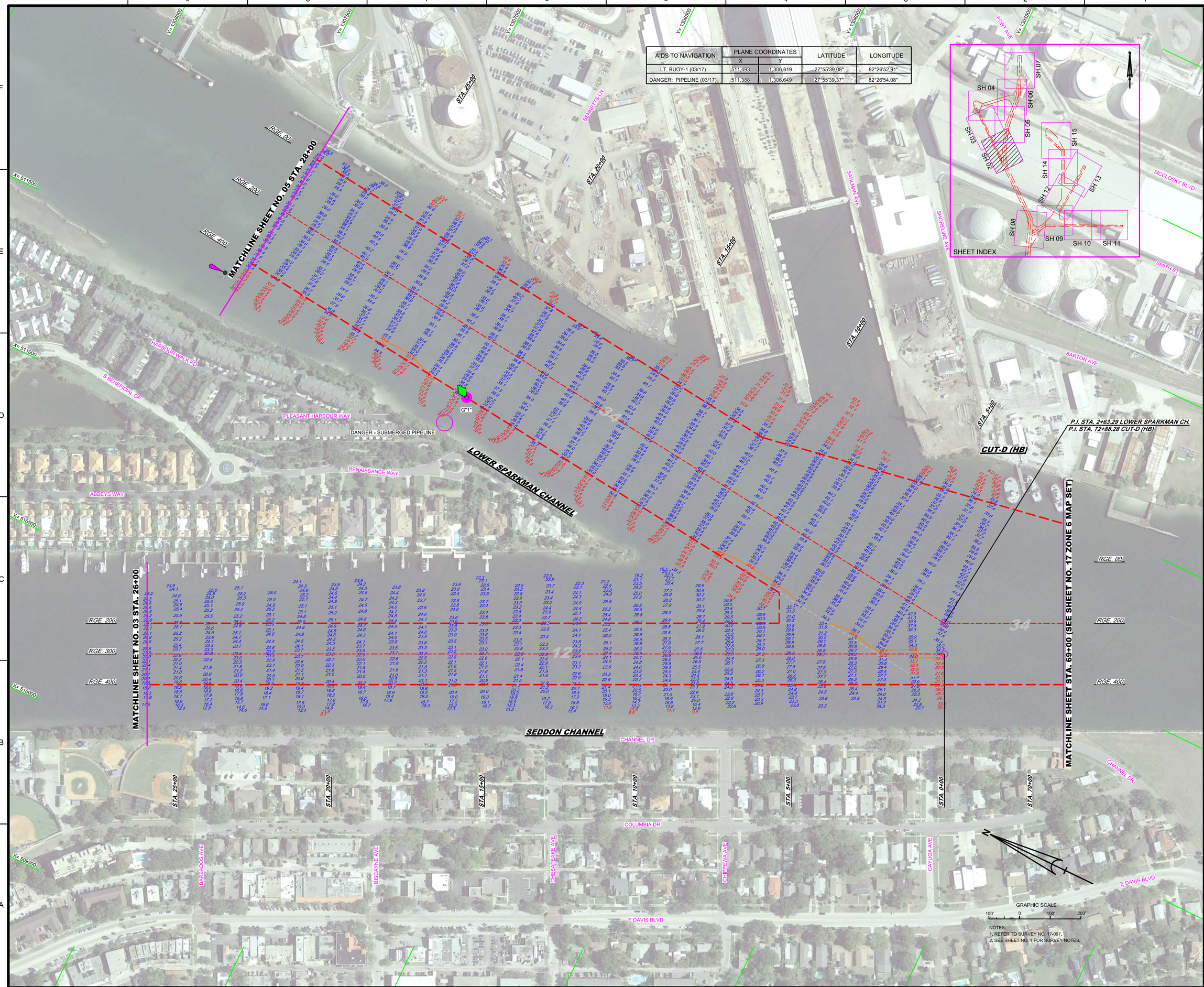
TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 15

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-1 (03/17)	511,493	1,306,619	27°55'39.08"	82°26'52.91"
DANGER: PIPELINE (03/17)	511,388	1,306,649	27°55'39.37"	82°26'54.08"



NOTES:
1. REFER TO SURVEY NO. 17-097.
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: WRM
Drawn by: WRM
Checked by: GMR
Rev. No.
Date: MAR 2017

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
17-097A-CON24.DGN
17-097A-NAV.DGN
17-097A-SOUTH_FIELD.DGN
17-097A-SOUth_LSP-2.DGN
TAMPA HARBOR-C-NGMCCF.DGN
Reference files:
17-097VRH02_ZT.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 69+00 TO STA. 26+00 HARBOR WALK CHANNEL
AND STA. 24+00 TO STA. 0+00 LOWER SPARKMAN CHANNEL

PLAN

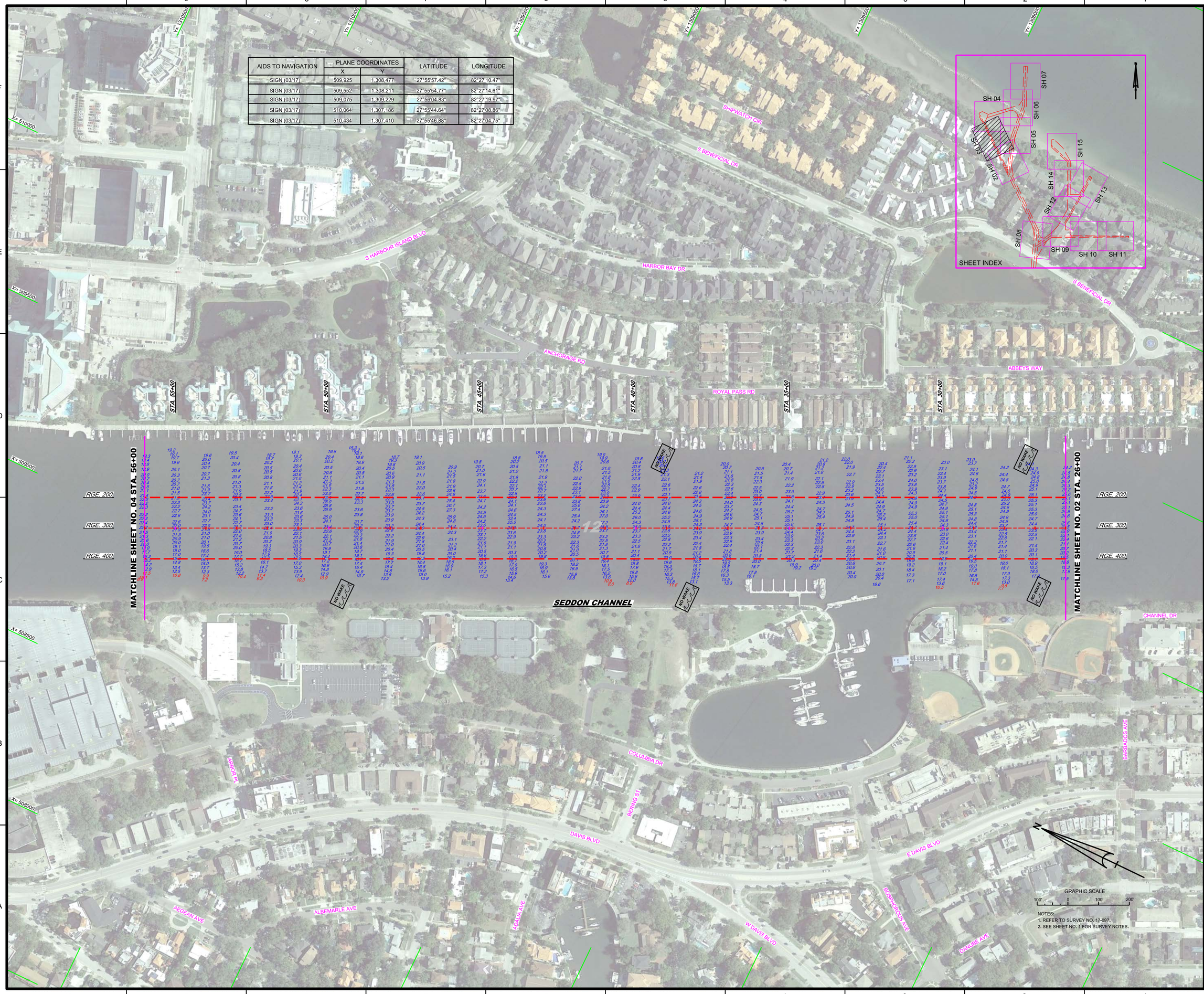
Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 15

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (03/17)	509,925	1,308,477	27°55'57.42"	82°27'10.47"
SIGN (03/17)	509,552	1,308,211	27°55'54.77"	82°27'14.61"
SIGN (03/17)	509,075	1,309,229	27°56'04.83"	82°27'19.97"
SIGN (03/17)	510,064	1,307,186	27°55'44.64"	82°27'08.86"
SIGN (03/17)	510,434	1,307,410	27°55'46.88"	82°27'04.75"



NOTES:
1. REFER TO SURVEY NO. 17-097.
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

Designed by: VIRM
Drawn by: VIRM
Date: MAR 2017
Checked by: GMR
Rev. No.
Reference files:
C:\XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
17-097-V-SOUN_SED.DGN
TAMPA HARBOR-C-NGMCF.DGN
17-097-V-BS-BNDR.DGN
Base name: 17-097-V-H03_27.DGN

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

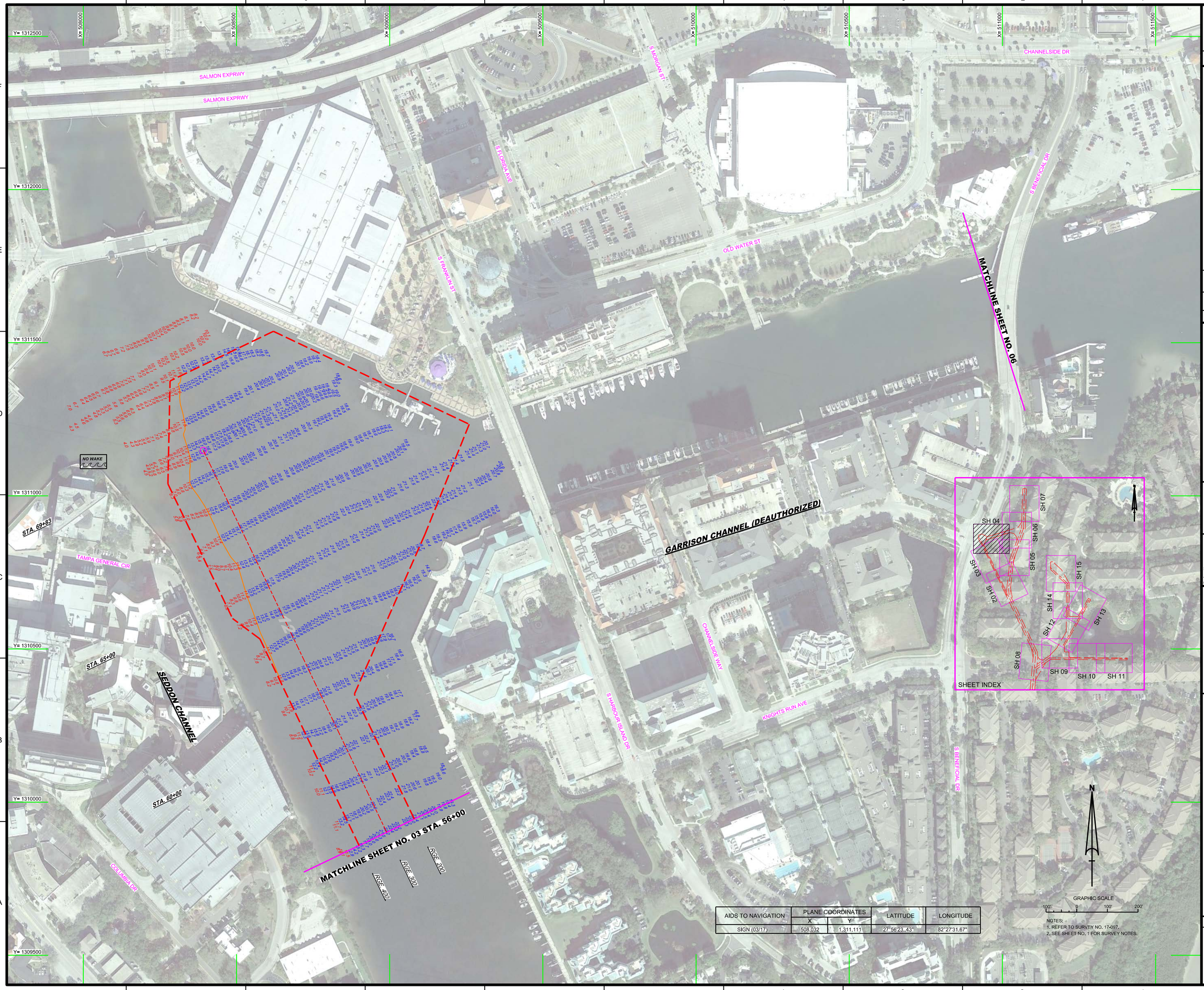
HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT
STA. 26+00 THRU STA. 56+00 SEDDON CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.
3

SHEET 03 OF 15



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (03/17)	508,032	1,311,111	27°56'23..43"	82°27'31.67"

NOTES:
1. REFER TO SURVEY NO. 17-097.
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: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.:
Date: MAR 2017

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
17-097A-NAV.DGN
17-097A-SOUN_2D.DGN
17-097A-SOUN_3ED.DGN
TAMPA HARBOR-C-NGMCF.DGN
17-097A-BS-BRDR.DGN
Reference files:
17-097A-HHA_21.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 56+00 THRU STA. 69+83 SEDDON CHANNEL

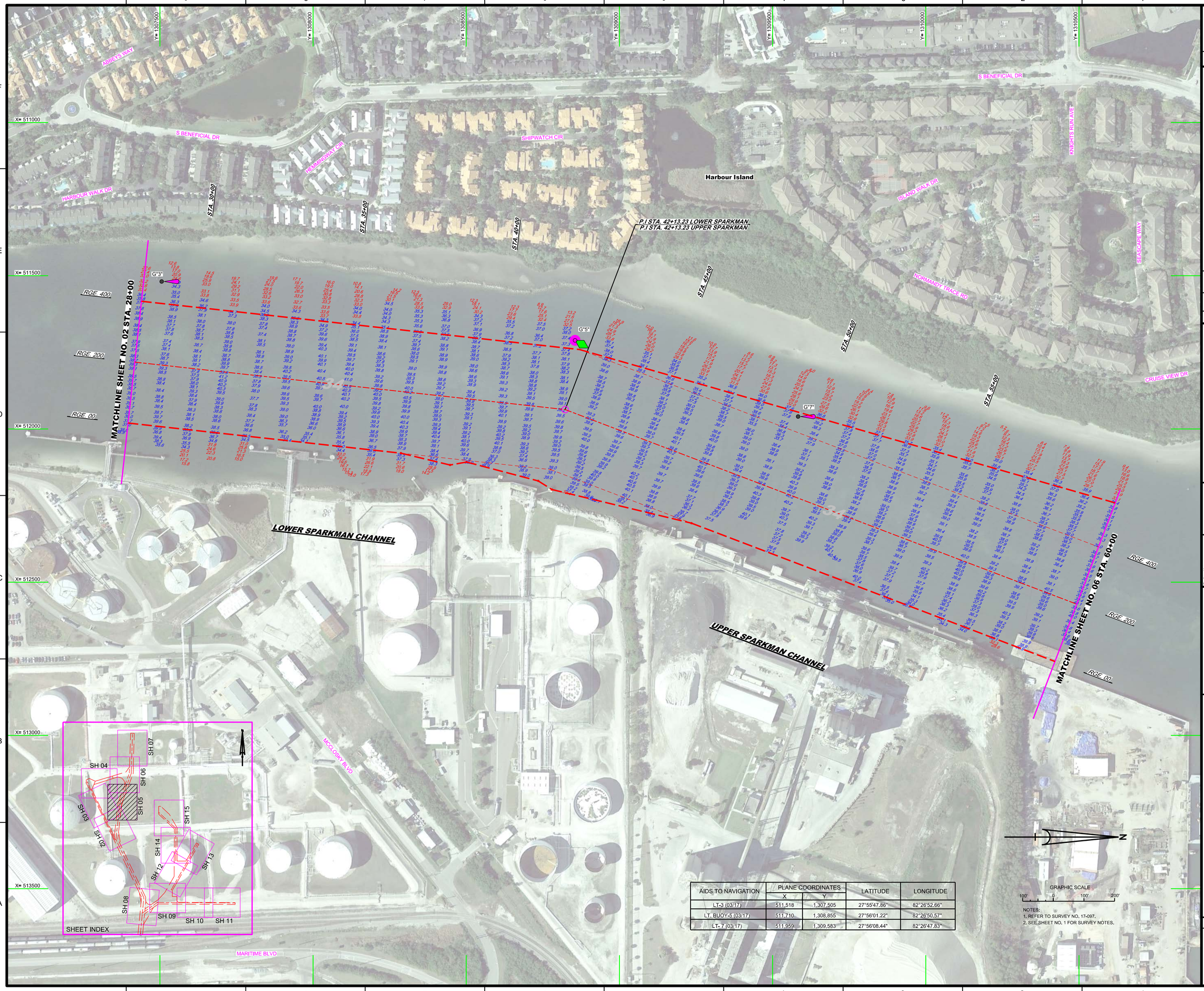
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 15



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-3 (03/17)	511,518	1,307,505	27°55'47.86"	82°26'52.66"
LT. BUOY-5 (03/17)	511,710	1,308,855	27°56'01.22"	82°26'50.57"
LT- 7 (03/17)	511,959	1,309,583	27°56'08.44"	82°26'47.83"

NOTES:
1. REFER TO SURVEY NO. 17-097.
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: MAR 2017

X:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
17-097A-NAV.DGN
17-097A-NAV-ALL.DGN
17-097A-SOUN_LSP-1.DGN
TAMPA HARBOR-C-NGMCCF.DGN
17-097-C-BS-BRDR.DGN
Reference files
17-097-AHx65_21.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 28+00 LOWER SPARKMAN CH. THRU STA. 60+00 UPPER SPARKMAN CH.

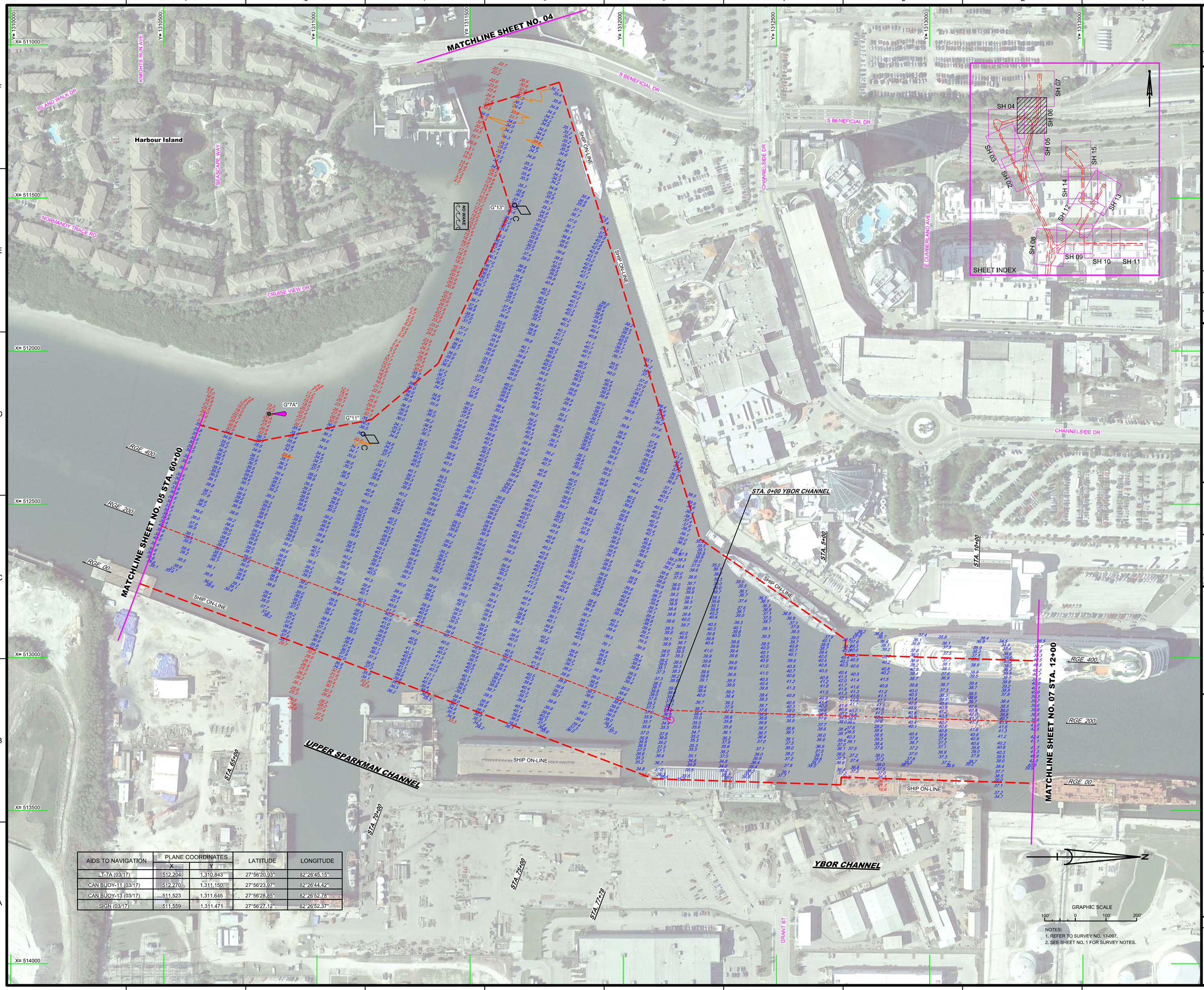
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 15



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-7A (03/17)	512,204	1,310,843	27°56'20.93"	82°26'45.15"
CAN BUOY-11 (03/17)	512,270	1,311,150	27°56'23.97"	82°26'44.42"
CAN BUOY-13 (03/17)	511,523	1,311,645	27°56'28.85"	82°26'52.78"
SIGN (03/17)	511,559	1,311,471	27°56'27.12"	82°26'52.37"

NOTES:
1. REFER TO SURVEY NO. 17-097.
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

Designed by: WRM
Drawn by: WRM
Cad by: GMR
Inv. No.
Date: MAR 2017

XX-XX-XX-XX-XX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
17-097-VACON_34FT.DGN
17-097-VANAV.DGN
17-097-VACON_43FT.DGN
17-097-ASOUN_LISP.DGN
TAMPA HARBOR-C-CNGMCF.DGN
17-097-CABS-BRDR.DGN
17-097-VHVR_27.DGN
Reference files:
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 60+00 UPPER SPARKMAN CH. THRU STA. 12+00 YBOR CHANNEL

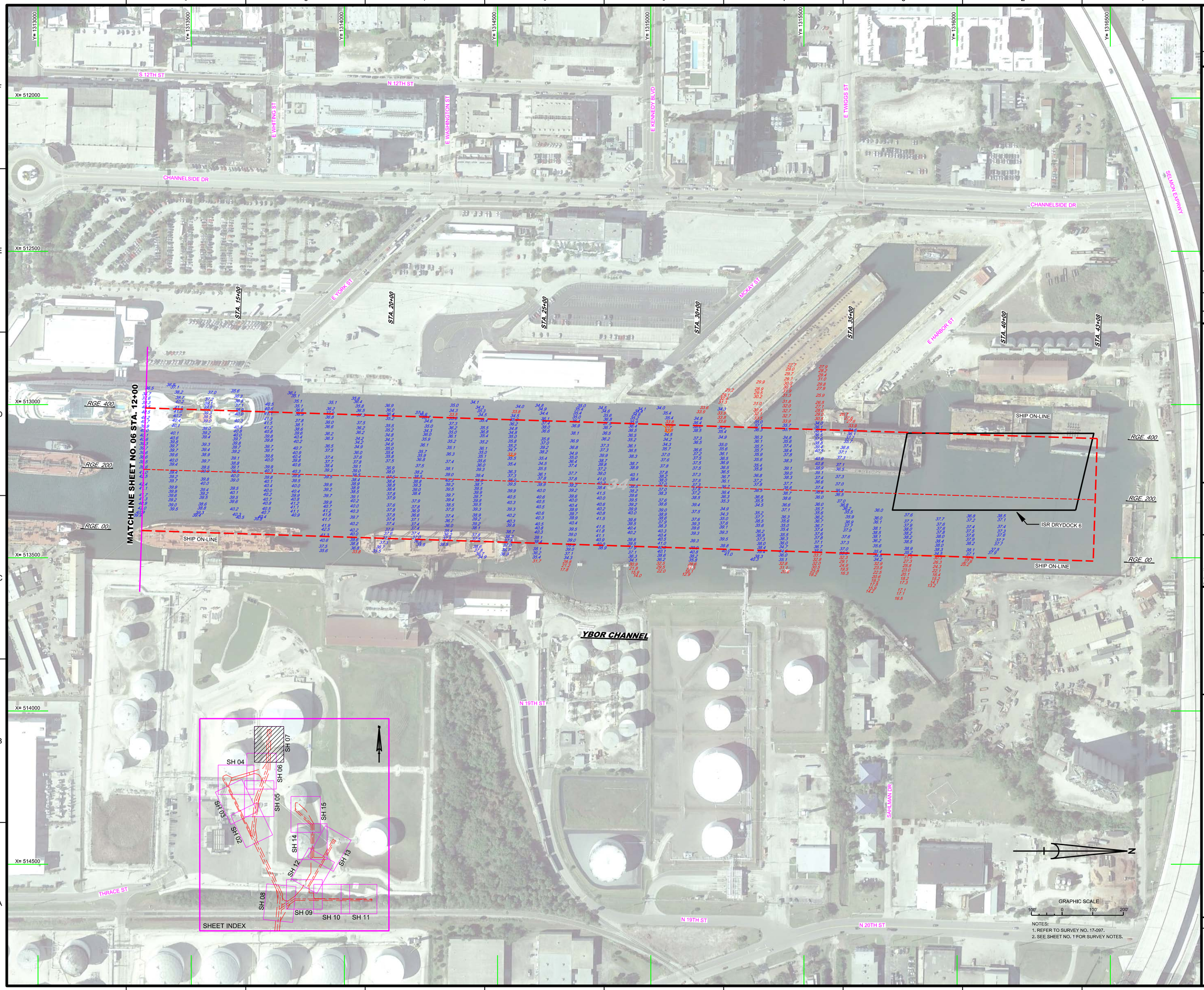
PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 15



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

Cad by: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: MAR 2017

T:\XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
T:\097-A-SOUL_YBOR.DGN
TAMPA HARBOR-C-NGMCF.DGN
17-097-C-ES-SHDR.DGN
Reference files:
17-097-VHH7_Z17.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 12+00 THRU STA. 43+08 YBOR CHANNEL

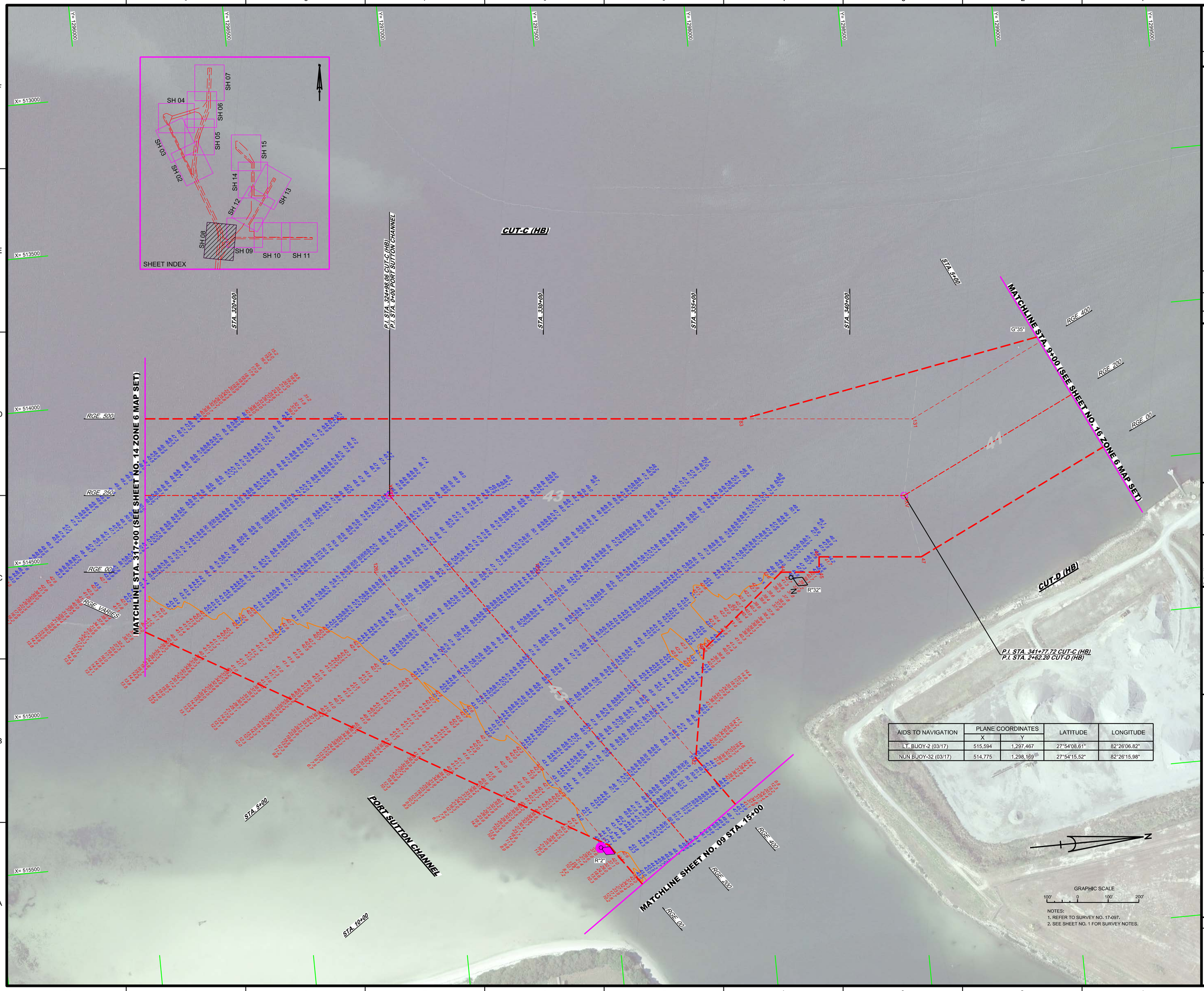
PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 15



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-2 (03/17)	515,594	1,297,467	27°54'08.61"	82°26'06.82"
NUN BUOY-32 (03/17)	514,775	1,298,169	27°54'15.52"	82°26'15.98"

NOTES:
1. REFER TO SURVEY NO. 17-097.
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
Chkd by: CMR
Rev. No.
Date: MAR 2017

X:\XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
17-097-X-NAV.DGN
17-097-X-CUT_PLT.DGN
17-097-X-SOUL_PSC.DGN
TAMPA HARBOR-C-NGMCF.DGN
17-097-X-PS-SHDR.DGN
Reference files:
17-097-VHB_17.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT
STA. 2+62.20 CUT-D (HB) TO STA. 9+00 PILOT LAND
STA. 0+00 THRU STA. 15+00 PORT SUTTON CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.

8

SHEET 08 OF 15

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5 (03/17)	516,622	1,299,047	27°54'24.28"	82°25'55.43"

NOTES:
1. REFER TO SURVEY NO. 17-097.
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: WRM
DWN by: WRM
Ckd by: GMR
Date: MAR 2017

17-097-A-CON_LEFT.DGN
17-097-A-MAIN_CL.DGN
17-097-A-SOUN_EBC.DGN
17-097-A-SOUN_PSTC.DGN
17-097-A-SOUN_PSTT.DGN
17-097-A-SOUN_PSC.DGN
TAMPA HARBOR-C-NGMCCF.DGN
17-097-C-BS-BRGR.DGN
References Files
17-097-AHH59_21.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

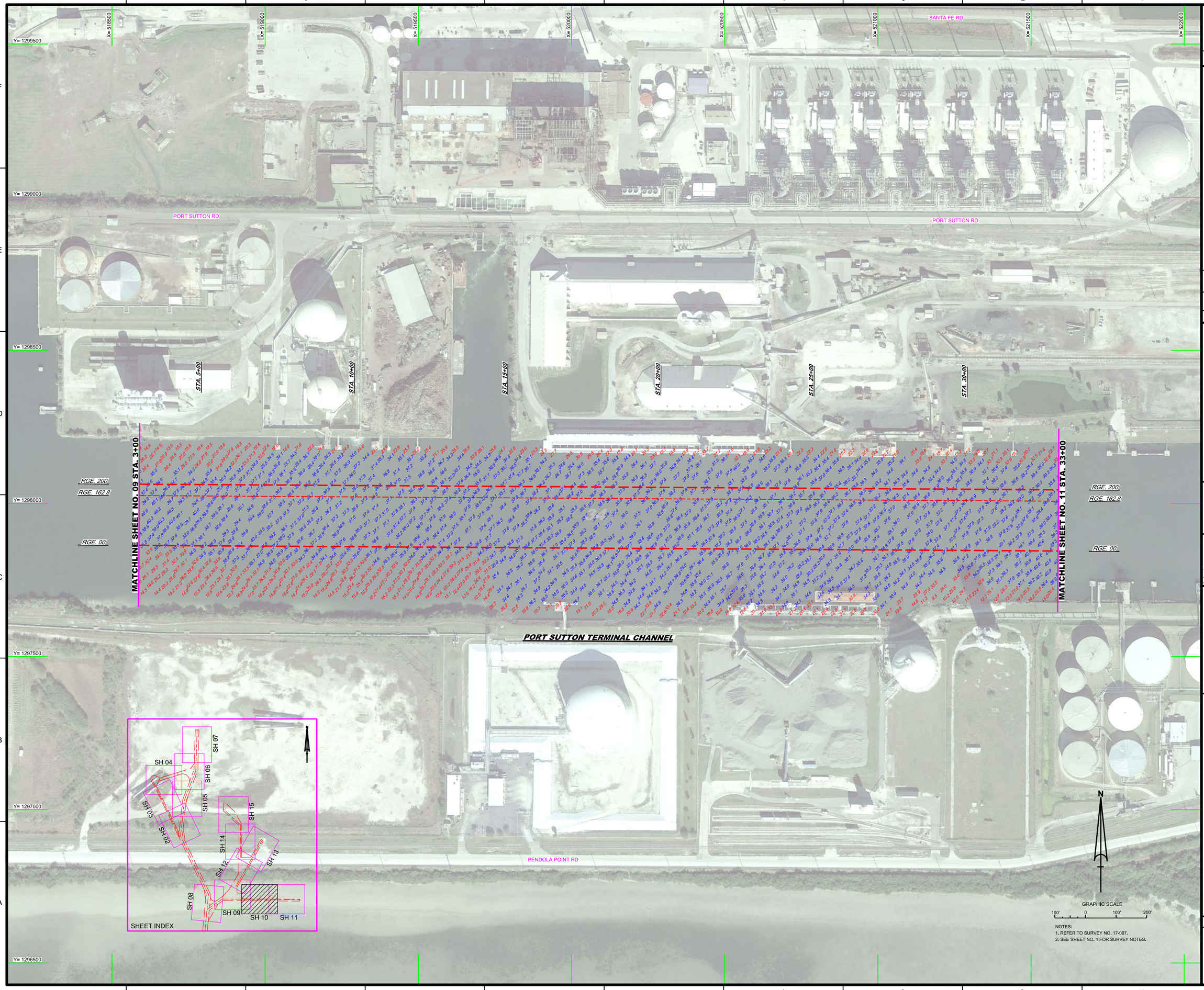
HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT
STA. 15+00 PORT SUTTON CHANNEL THRU STA. 0+00 PORT SUTTON TERMINAL CH.
AND STA. 0+00 THRU STA. 2+00 EAST BAY CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.
9

SHEET 09 OF 15



NOTES:
1. REFER TO SURVEY NO. 17-097.
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: MAR 2017

Reference files:
17-097-VH-SEDIMENT_DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
17-097-A-SOUN_PSTC.DGN
TAMPA HARBOR-C-NGMCF.DGN
17-097-C-ES-BNDR.DGN
File name: 17-097-VH-10_Z17.DGN

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

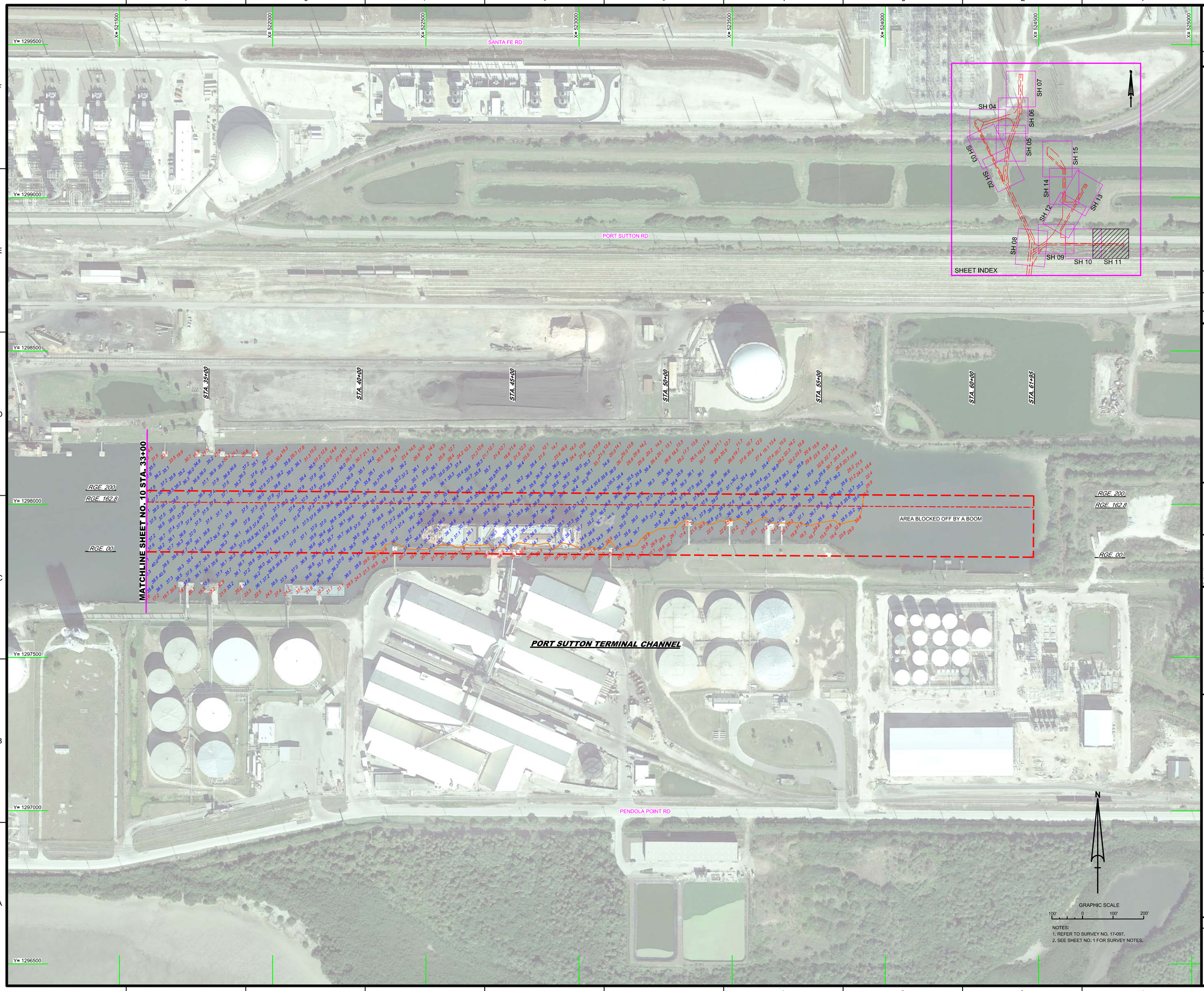
HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT
STA. 3+00 THRU STA. 33+00 PORT SUTTON TERMINAL CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.
10

SHEET 10 OF 15



NOTES:
1. REFER TO SURVEY NO. 17-097.
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
Cad by: CMR
Rev. No.
Date: MAR 2017

I:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
17-097-X-CON_34FT.DGN
17-097-X-CON_43FT.DGN
TAMPA HARBOR-CMGMCF.DGN

17-097-X-BS-BKDR.DGN
Reference file:

17-097-VH-1_21.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 33+00 THRU STA. 61+95 PORT SUTTON TERMINAL CHANNEL

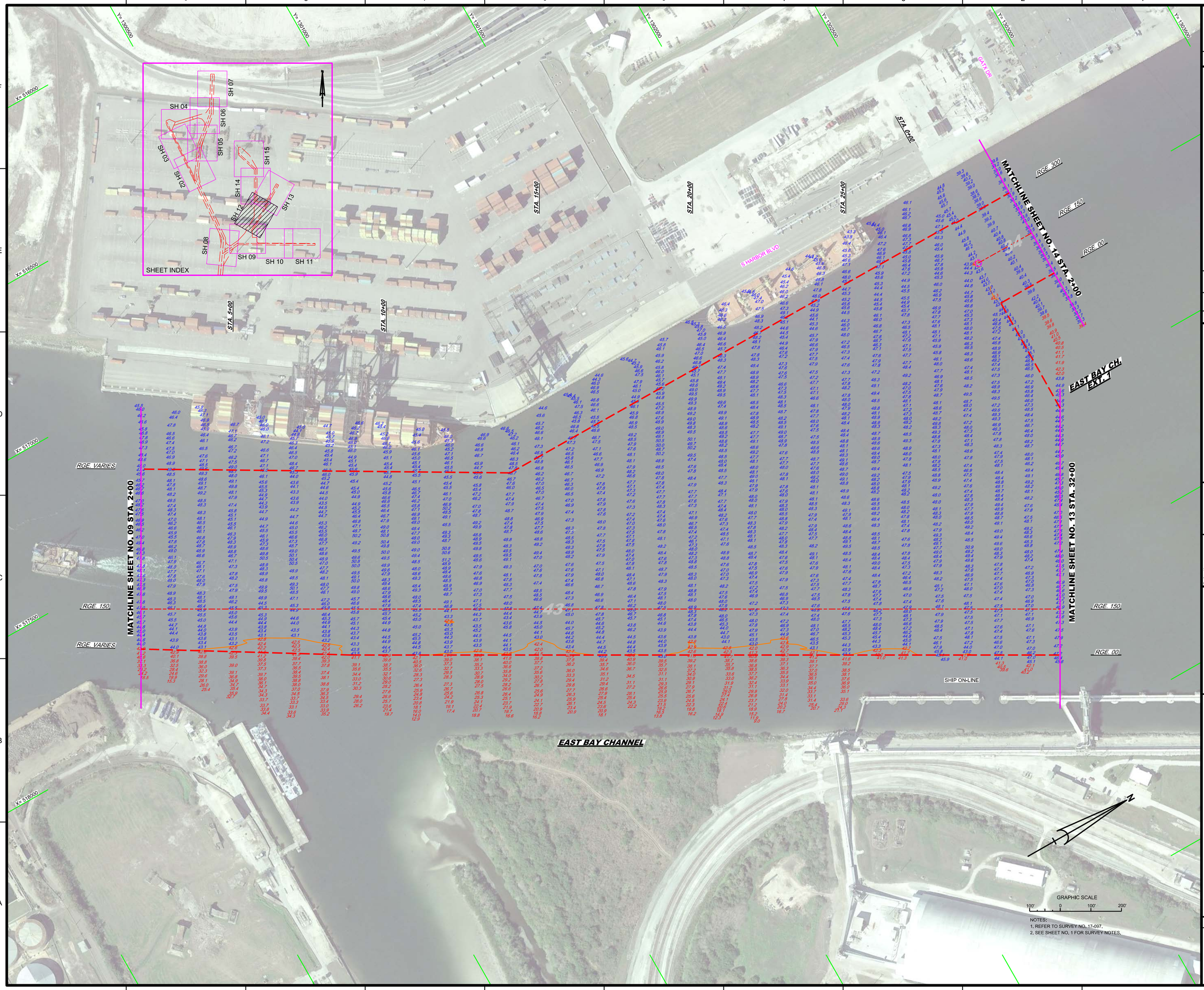
PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 15



NOTES:
1. REFER TO SURVEY NO. 17-097.
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: WRM
Drawn by: WRM
Checked by: GMR
Proj. No.
Date: MAR 2017

XXXXXXXX-XX-XXXX.DGN
XXXXXXXX-XX-XXXX.DGN
XXXXXXXX-XX-XXXX.DGN
17-097-XX-DGN_ASFT.DGN
17-097-XX-SOUN_ERC.DGN
17-097-XX-SOUN_ERC.DGN
TAMPA HARBOR-C-CNGMCF.DGN
17-097-C-DES-BRDR.DGN
Reference files:
17-097-YH-17_ZT.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 0+00 THRU STA. 25+00 EAST BAY CHANNEL AND
STA. 0+00 THRU STA. 32+00 EAST BAY CHANNEL EXT. 1

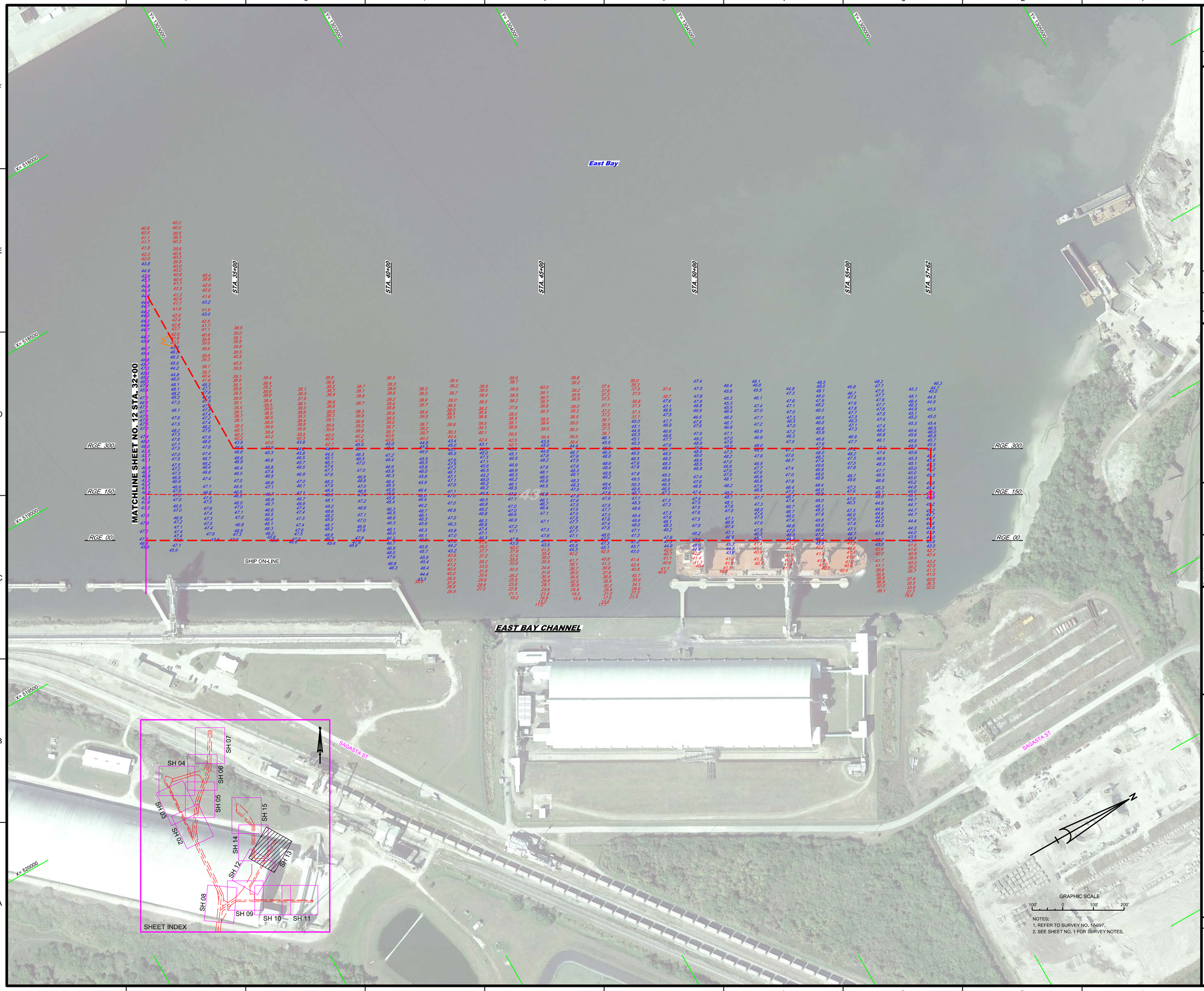
PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 15



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

Chief by: GMR
Designed by: VIRM
DWN by: VIRM
Rev. No.
Date: MAR 2017

XXXXXXXXXXXXXXXX.DGN
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17-097A-SOUN_EBC.DGN
TAMPA HARBOR-C-NGMCF.DGN
17-097A-CESHBORDR.DGN
Reference files:
17-097VH-13_ZT.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 32+00 THRU STA. 57+62 EAST BAY CHANNEL

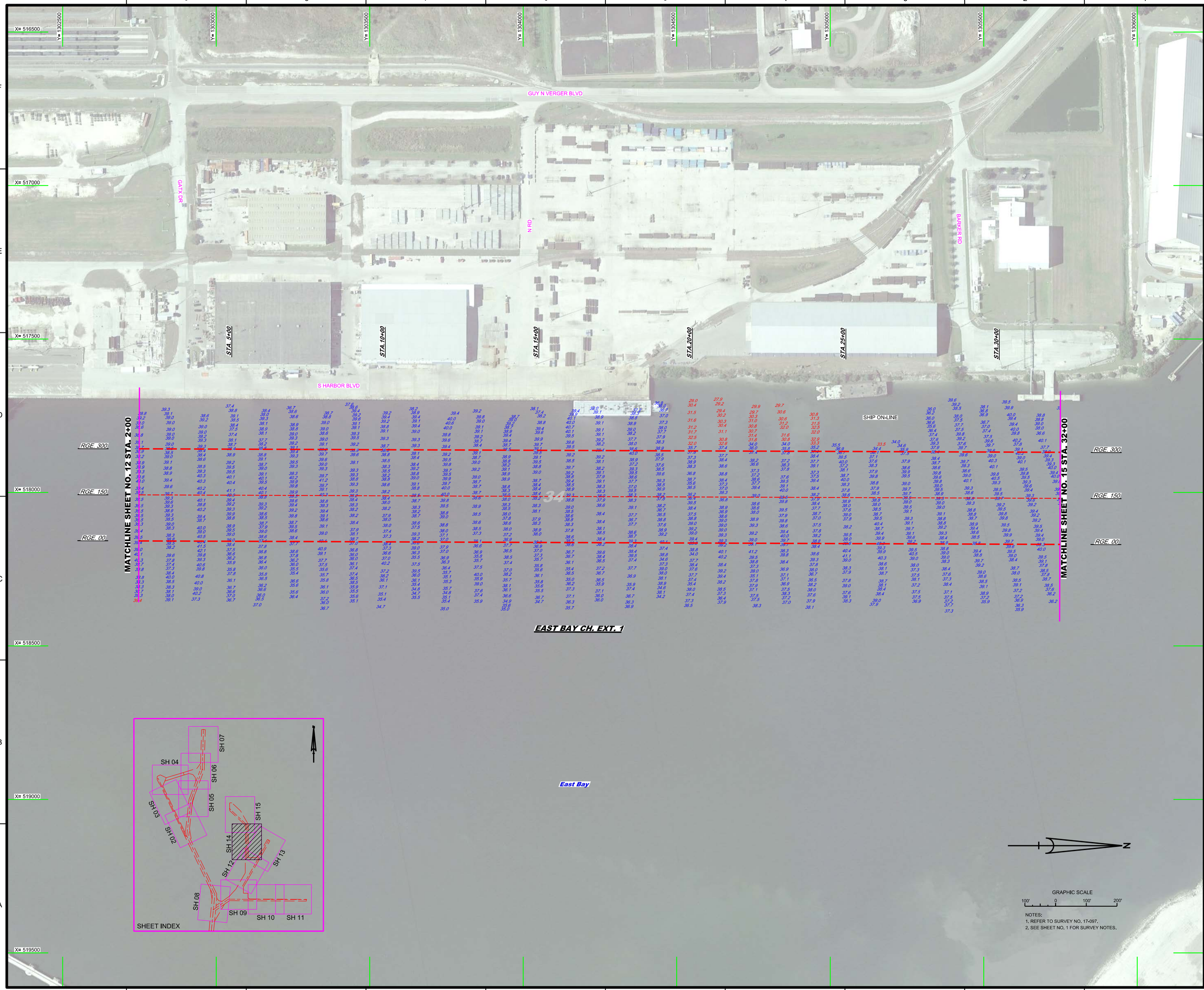
PLAN

Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 15



NOTES:
1. REFER TO SURVEY NO. 17-097.
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
Date: MAR 2017

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17-097-A-SQUA_EBY_1.DGN
TAMPA HARBOR-C-NGMCCF.DGN
17-097-C-BS-BRGR.DGN
Reference files:
17-097-A-H-H_21.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 2+00 THRU STA. 32+00 EAST BAY CHANNEL EXTENSION-1

PLAN

Scale: AS SHOWN

Drawing no.
14

SHEET 14 OF 15

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: MAR 2017

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17-097A-CON_34FT.DGN
17-097A-SOUN_43FT.DGN
17-097A-SOUN_EBX1.DGN
T:\MYPA HARBOR-C-NG\MCCF.DGN
17-097A-C-BS-BRDR.DGN
Reference files:
17-097A-VH-15_21.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY17
12, 34 AND 43-FOOT PROJECT

STA. 32+00 EAST BAY CH. EXT-1 THRU STA. 25+53 EAST BAY CH. EXT-2

PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 15