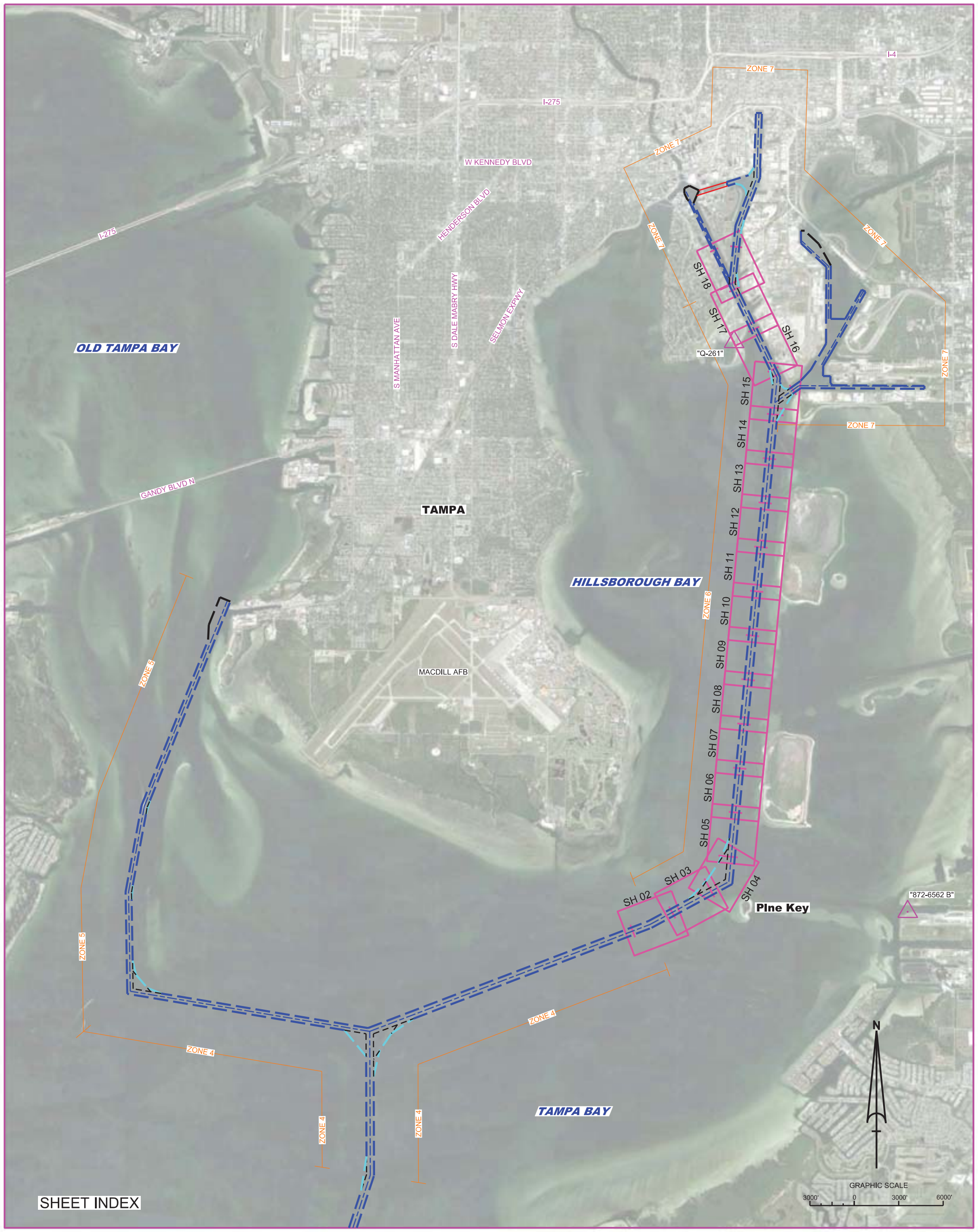


LOCATION MAP

TAMPA HARBOR ZONE 6
CUTS A, C, AND D (HB)
HILLSBOROUGH COUNTY, FLORIDA
EXAMINATION SURVEY FY15
34, 41 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. 15-136.
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 BENCHMARKS ASSOCIATED WITH THE TIDE GAGE SITE SPECIFIED BELOW:

   NOAA TIDAL STATION 872-6562, HILLSBOROUGH BAY EAST FOR CUT-A AND CUT-C (HB).

   NOAA TIDAL STATION 872-6657, DAVIS ISLAND, HILLSBOROUGH BAY FOR CUTS C AND D (HB).
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 NOS "872-6562 B" (NGS PID: AG7604)
   TIDE STAFF LOCATED FROM TIDAL BENCHMARK "872-6562 B" (NGS PID: AG7604)

   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 835C SMARTSOUNDER WITH A DUAL-FREQUENCY (28/200 KHZ) SINGLE-BEAM TRANSDUCER AND A R2 SONIC 2024 OPERATING AT 240 KHZ. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB JACKSONVILLE	06 JUN 2015	CUT-A & C (HB)
SB JACKSONVILLE	07-09 JUL 2015	CUT-A & C (HB)
SB JACKSONVILLE	15-16 JUL 2015	CUT-A & C (HB)
SB JACKSONVILLE	18 JUL 2015	CUT-A & C (HB)
SB-44	27-28 JUL 2015	CUT-C & D (HB)

9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF 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 SET OF MAPS 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	Description

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

Designed by: WRM
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: DD MMM YYYY

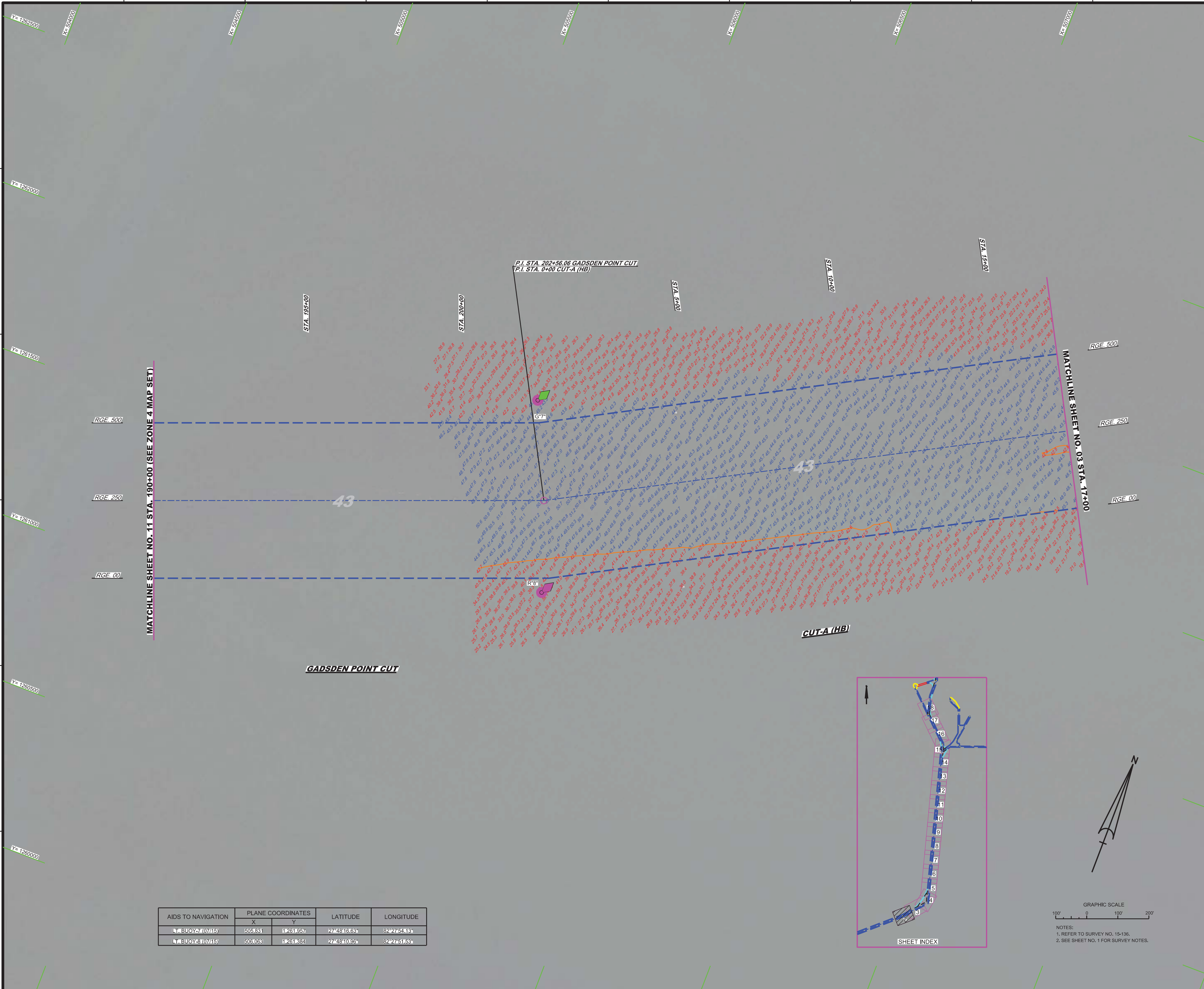
Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
14-098-V-INDX_ZONE6.DGN
TAMPA HARBOR-C-SPMCCF.DGN
15-136-G-BS-BRDR.DGN

File name: 15-136-VH-01_Z6.DGN

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1



NOTES:
1. REFER TO SURVEY NO. 15-136.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-7 (07/15)	505,831	1,261,957	27°48'16.63"	82°27'54.13"
LT. BUOY-8 (07/15)	506,063	1,261,384	27°48'10.96"	82°27'51.53"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Inv. No.
Dated: DD MMM YYYY

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-V-NAV.DGN
15-136-V-CON43.DGN
15-136-V-SOUN_CTA_MB-HF.DGN
TAMPA HARBOR-C-SPMCCF.DGN
15-136-G-BS-BRDR.DGN

File name: 15-136-VH-02_Z6.DGN

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

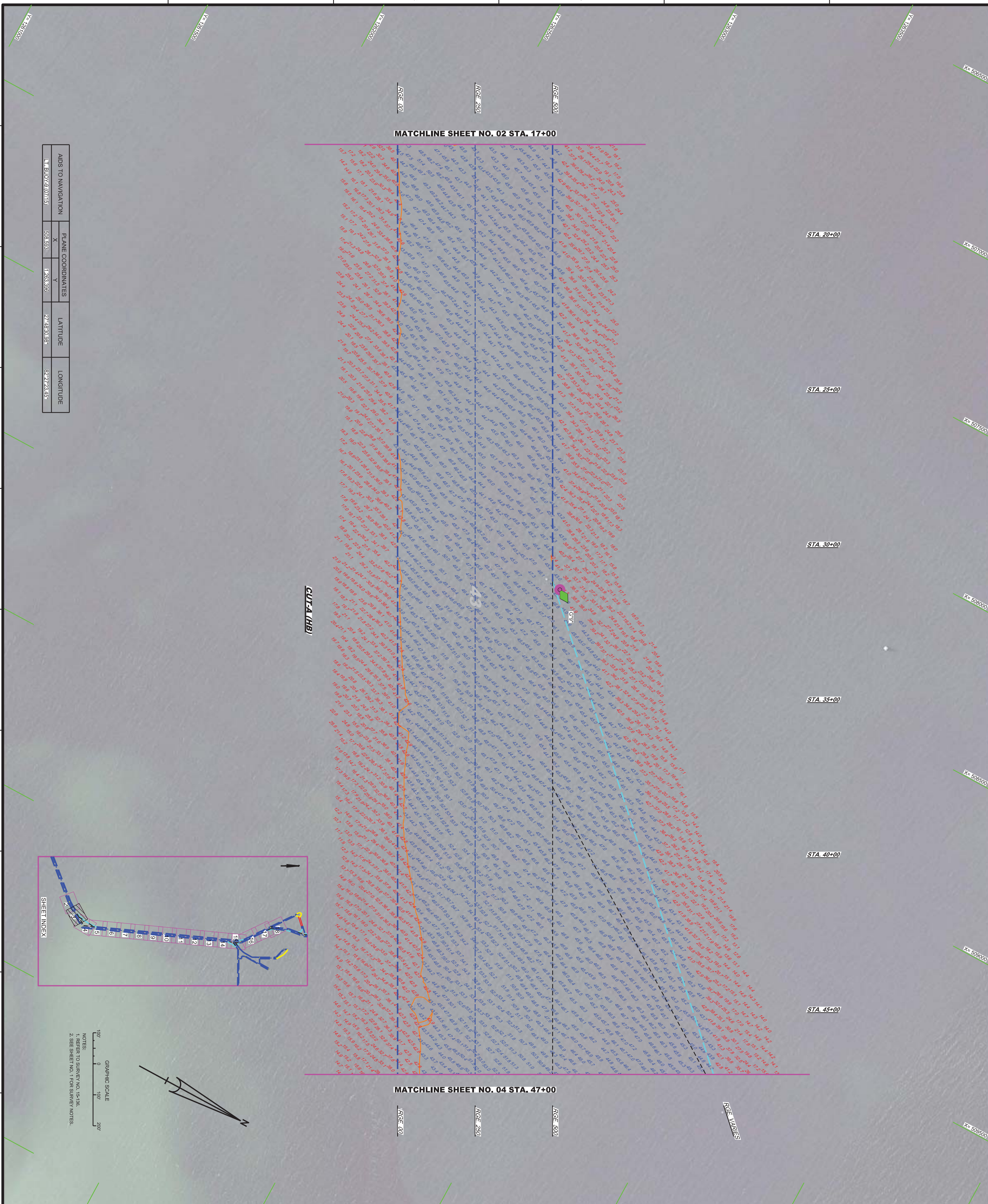
HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 190+00 GADSDEN POINT CUT THRU STA. 17+00 CUT-A (HB)

PLAN

Scale: AS SHOWN

Drawing no. 2



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-9 (07/15)	508,593	1,263,396	27°48'30.98"	82°27'23.45"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description

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

Designed by: WRM
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: DD MMM YYYY

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-V-NAV.DGN
15-136-V-CON43.DGN
15-136-V-SOUN_CTA_MB-HF.DGN
TAMPA HARBOR-C-SPMCCF.DGN
15-136-G-BS-BRDR.DGN

File name: 15-136-VH-03_Z6.DGN

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

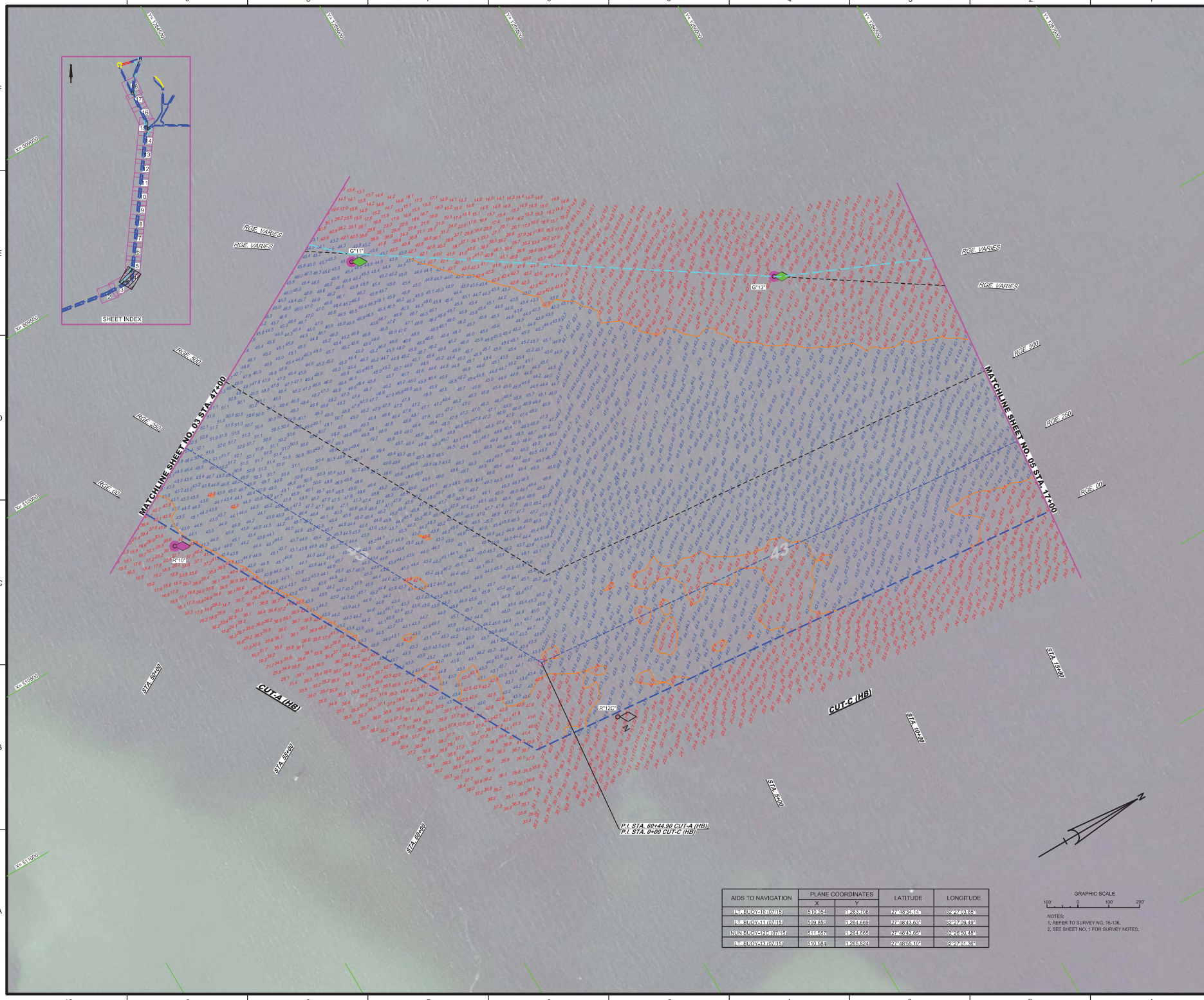
HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 17+00 THRU STA. 47+00 CUT-A (HB)

PLAN

Scale: AS SHOWN

Drawing no. 3



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
L "E" BUOY-S-1 (07/15)	510,354	1,283,708	27-48-34.14"	82-27-03.85"
L "E" BUOY-S-1 (07/14)	509,840	1,284,069	27-48-23.06"	82-27-09.48"
N LN BUOY-S-PC (07/15)	511,557	1,284,665	27-48-43.68"	82-26-50.48"
N "E" BUOY-S-1 (07/14)	510,944	1,285,024	27-48-35.19"	82-27-01.39"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Revised	Date	Description

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

Checked by: MBH
Drawn by: JRBC
Date: DD MMM YYYY
Project No.
Contract No.

XXXXXXXX-XX-XXXXXX.DGN
15-136-XX-CONTROL.DGN
15-136-XX-CONVS.DGN
15-136-XX-SURVEY.DGN
15-136-XX-SOUN_CT_MB-HF.DGN
15-136-XX-SOUN_CT_LA-MB-HF.DGN
15-136-XX-SOUN_CT_LA-MB.DGN
15-136-XX-SOUN_CT_LA-MB-CC.DGN
15-136-XX-BASEMAP.DGN
Reference files:
Tile: 17-136-XX-Grid_20L20.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 47+00 CUT-A (HB) THRU STA. 17+00 CUT-C (HB)

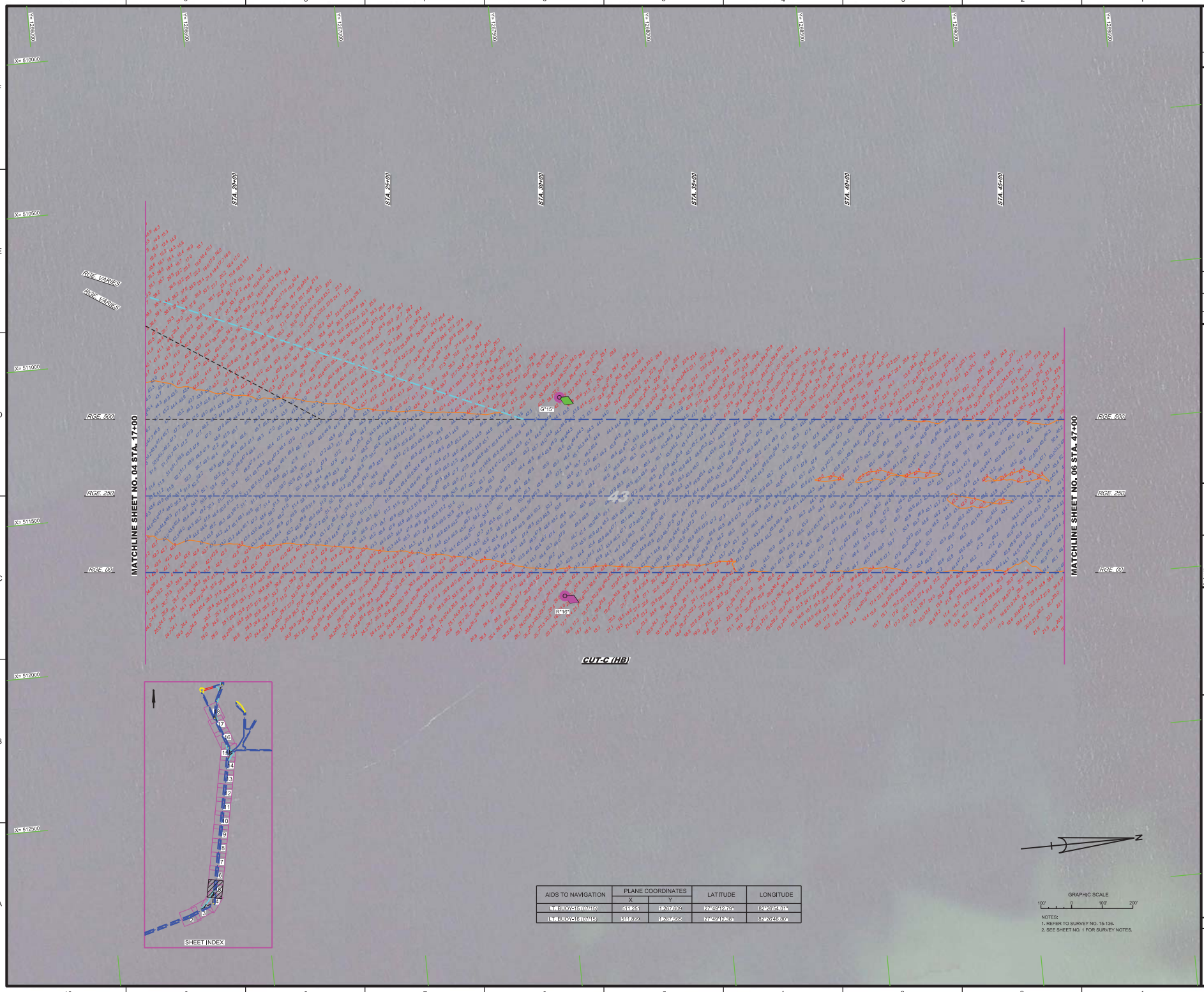
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET XX OF XX



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-15 (07/15)	511,251	1,267,609	27°49'12.79"	82°26'54.01"
LT. BUOY-16 (07/15)	511,869	1,267,565	27°49'12.38"	82°26'46.30"

NOTES:
1. REFER TO SURVEY NO. 15-136.
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	Description

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

Designed by: VRM
Drawn by: VRM
Checked by: DMR
Rev. No.
Date: DD MMM YYYY

XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-X-CON43.DGN
15-136-X-NAV.DGN
15-136-X-SOUN_CTC_MB-HF.DGN
TAMPA HARBOR-C-BFMCCF.DGN
15-136-C-BB-BRDR.DGN
Reference files:
15-136-H-05_ZB.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

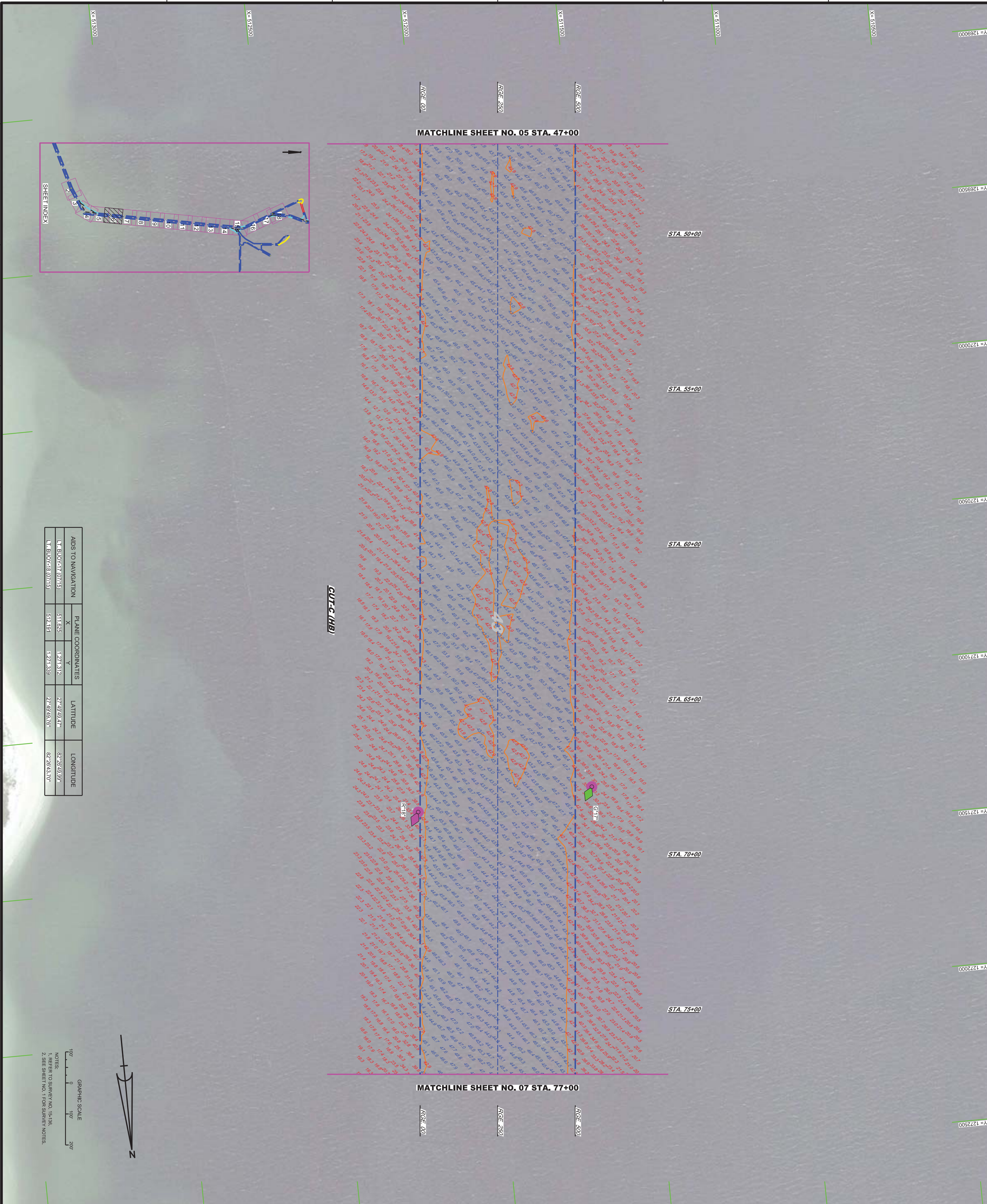
STA. 17+00 THRU STA. 47+00 CUT-C (HB)

PLAN

Scale: AS SHOWN

Drawing no.
5

SHEET 05 OF 18



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-17 (07/15)	511,625	1,271,312	27°49'49.47"	82°26'49.99"
LT. BUOY-18 (07/15)	512,191	1,271,339	27°49'49.76"	82°26'43.70"

NOTES:
1. REFER TO SURVEY NO. 15-136.
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	Description

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

Designed by: WRM
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: DD MMM YYYY

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-V-CON43.DGN
15-136-V-NAV.DGN
15-136-V-SOUN_CTC_MB-HF.DGN
TAMPA HARBOR-C-SPMCCF.DGN
15-136-G-BS-BRDR.DGN

File name: 15-136-VH-06_Z6.DGN

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

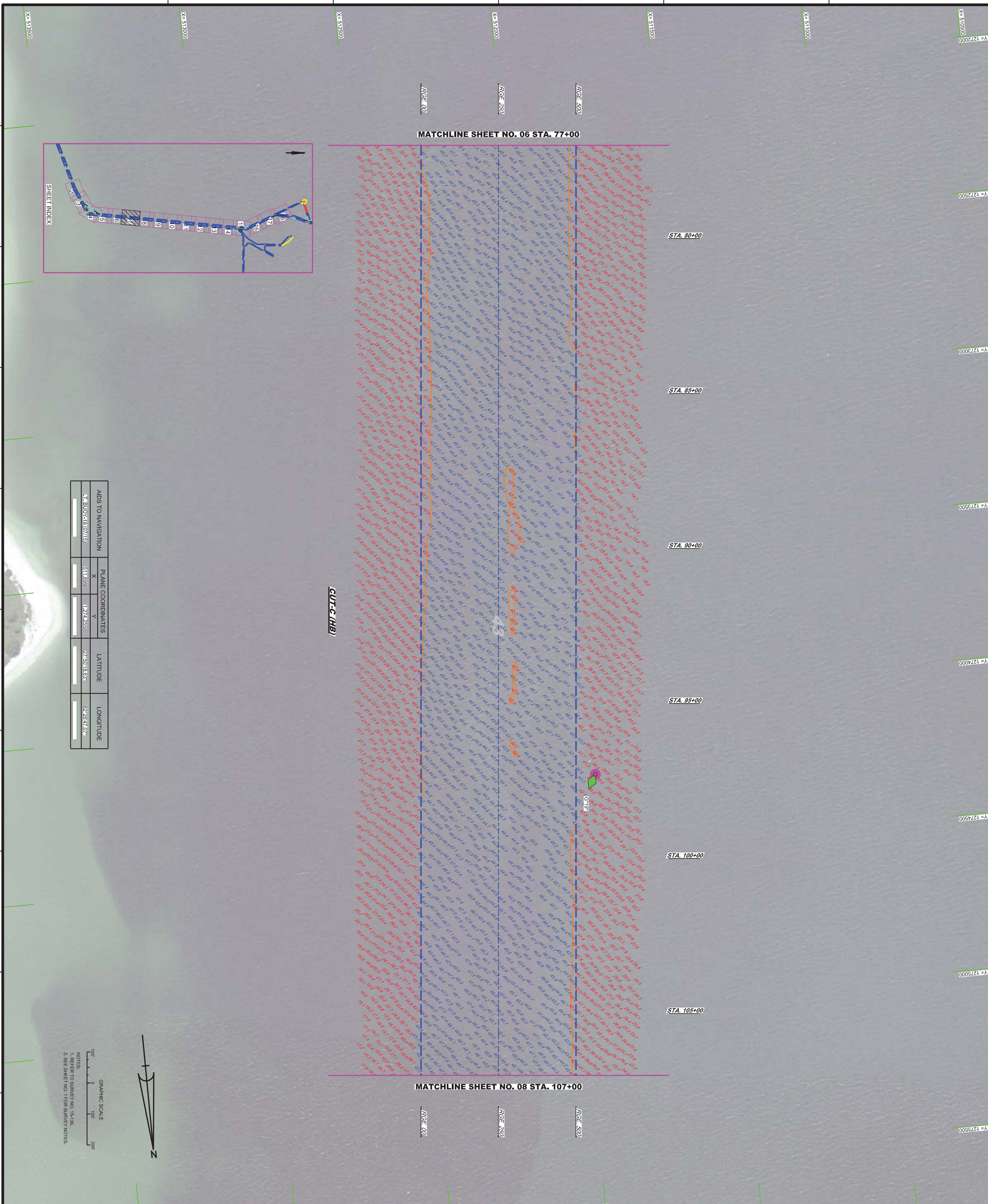
HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 47+00 THRU STA. 77+00 CUT-C (HB)

PLAN

Scale: AS SHOWN

Drawing no. 6



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT BUOY-19 (07/15)	511,899	1,274,255	27°50'18.63"	82°26'47.07"

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 77+00 THRU STA. 107+00 CUT-C (HB)

PLAN

XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-V-CON43.DGN
15-136-V-NAV.DGN
15-136-V-SOUN_CTC_MB-HF.DGN
TAMPA HARBOR-C-SPMCCF.DGN
15-136-G-BS-BRDR.DGN
Reference files:
15-136-VH-07_Z6.DGN
File name:

Designed by: WRM
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: DD MMM YYYY

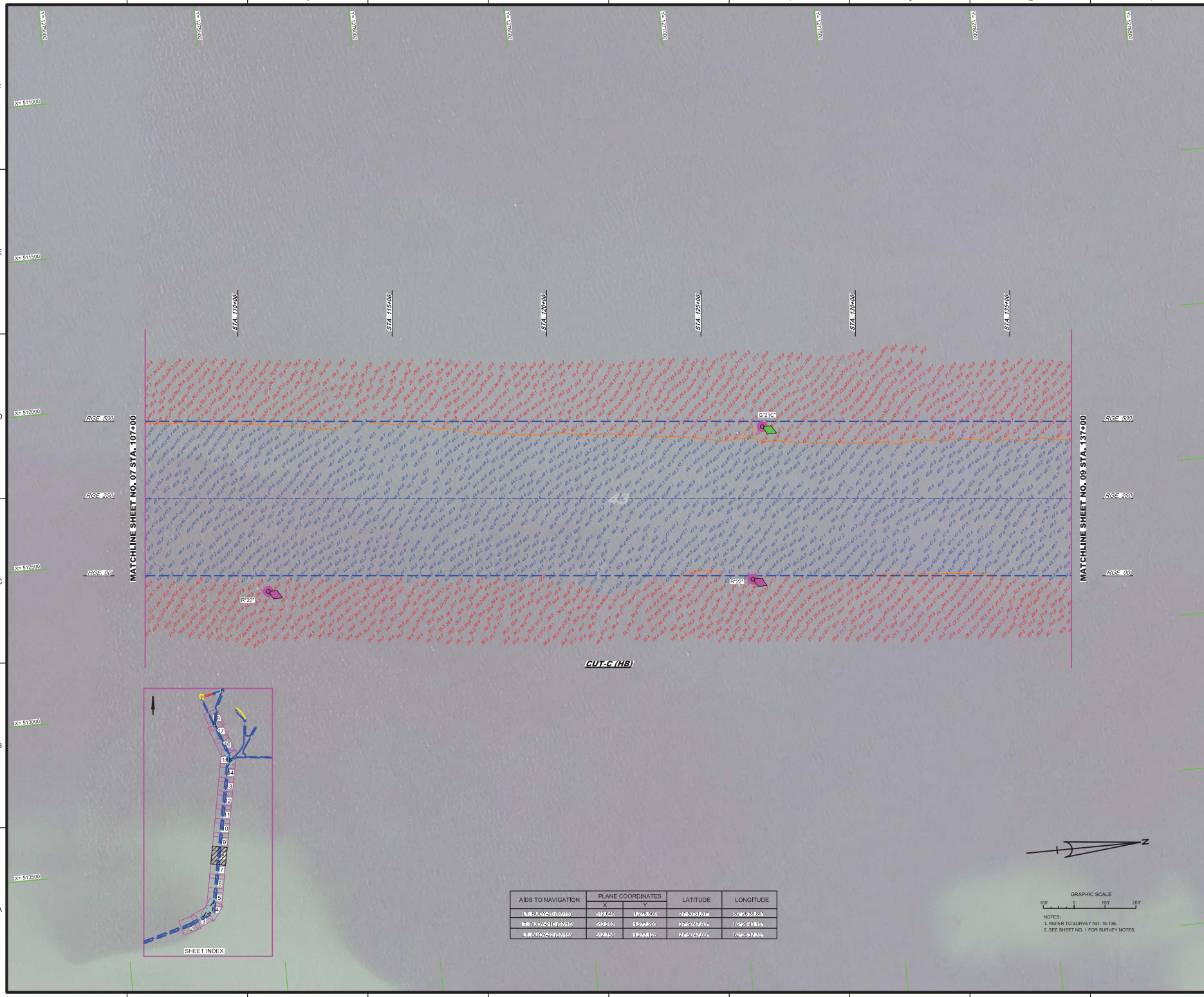
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

No.	Symbol	Zone	Description

SAFETY ON THIS JOB DEPENDS ON YOU

US Army Corps of Engineers
Jacksonville District

Scale: AS SHOWN
Drawing no.
7



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
L B BUOY 2A 10/15	512,620	1,277,560	27°-57'-31.57"	82°-28'-38.68"
L B BUOY 2A-1 10/15	512,582	1,277,208	27°-57'-27.83"	82°-28'-39.15"
L B BUOY 2 10/15	512,720	1,277,177	27°-57'-27.05"	82°-28'-37.00"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 15-136.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Revised	Date	Description

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

Checked by: DRB
Drawn by: JRB
Date: DD-MMM-YYYY
Scale: AS SHOWN

XXXXXXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
15-136-A-XXXX.DGN
15-136-A-XXXX.DGN
15-136-A-XXXX.DGN
15-136-A-XXXX_CT_C_HB-01.DGN
15-136-A-XXXX_CT_C_HB-02.DGN
15-136-A-XXXX_CT_C_HB-03.DGN
15-136-A-XXXX_CT_C_HB-04.DGN
Reference files:
15-136-A-XXXX_BG.DGN
Tile name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

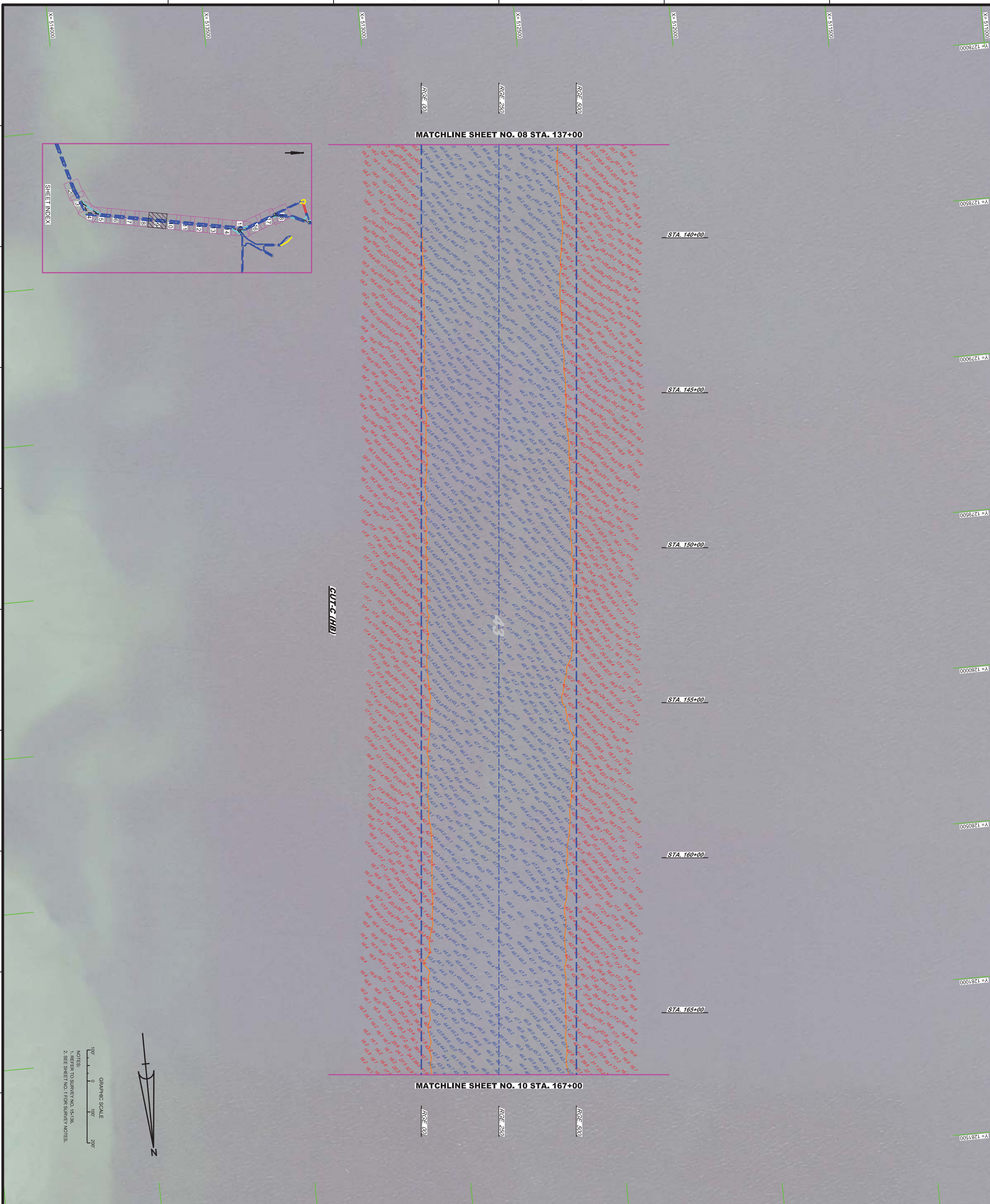
HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 107+00 THRU STA. 137+00 CUT-C (HB)

PLAN

Drawing no.
8

SHEET 08 OF 18



TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 137+00 THRU STA. 167+00 CUT-C (HB)

PLAN

Scale: AS SHOWN

Drawing no. 9

SHEET 09 OF 18

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-V-CON43.DGN
15-136-V-SOUN_CTC_MB-HF.DGN
TAMPA HARBOR-C-SPMCCF.DGN
15-136-G-BS-BRDR.DGN

File name: 15-136-VH-09_Z6.DGN

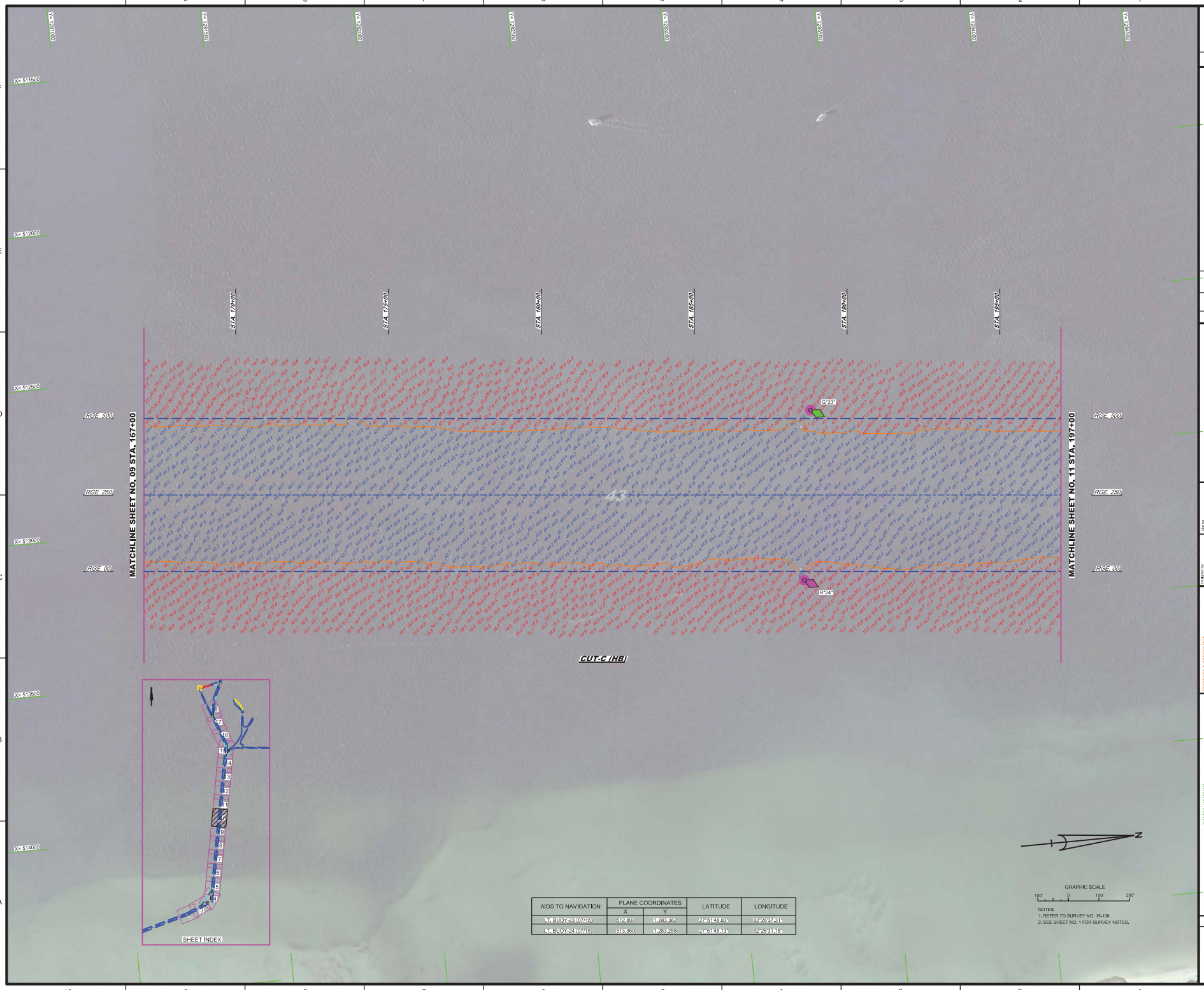
Designed by: WRM
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: DD MMM YYYY

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

No.	Symbol	Zone	Description

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-23 (07/15)	512,808	1,283,362	27°51'48.83"	82°26'37.31"
LT. BUOY-24 (07/15)	513,350	1,283,288	27°51'48.13"	82°26'31.16"

NOTES:
1. REFER TO SURVEY NO. 15-136.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Revised	Date	Description

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

Checked: MBH
Drawn by: JRBC
Date: DD MMM YYYY
Plot Date: DD MMM YYYY
Project: XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
15-136-A-XXXX.DGN
15-136-A-XXXX.DGN
15-136-A-SURVN_CT_HB-HT.DGN
15-136-A-SURVN_CT_HB-HT.DGN
15-136-A-SURVN_CT_HB-HT.DGN
15-136-A-SURVN_CT_HB-HT.DGN
Reference: Base
Tip: 15-136-A-SURVN_CT_HB.DGN
Tip: 15-136-A-SURVN_CT_HB.DGN

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 167+00 THRU STA. 197+00 CUT-C (HB)

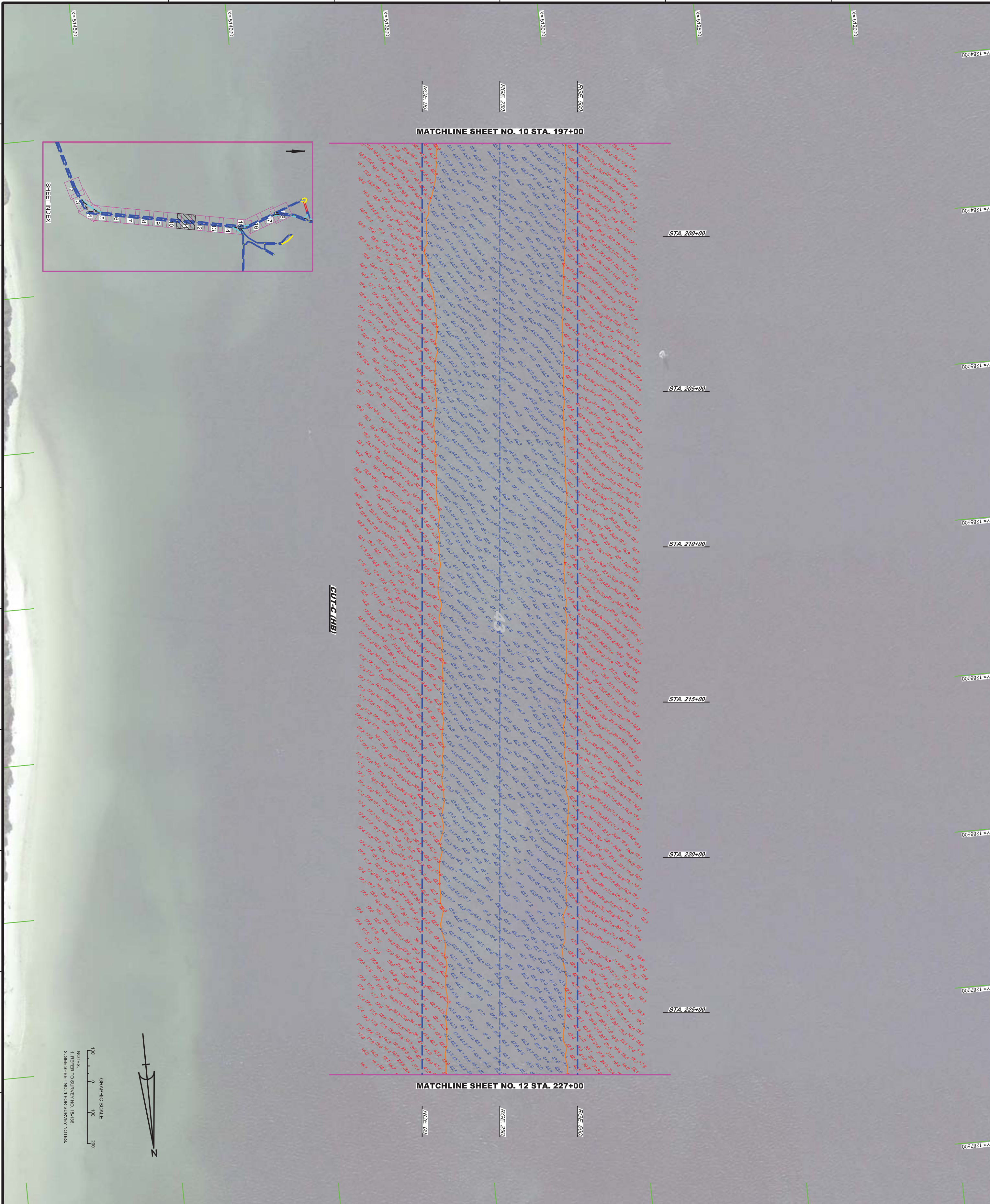
PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 18



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description

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

Designed by: WRM
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: DD MMM YYYY

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-V-CON43.DGN
15-136-V-SOUN_CTC_MB-HF.DGN
TAMPA HARBOR-C-SPMCCF.DGN
15-136-G-BS-BRDR.DGN

File name: 15-136-VH-11_Z6.DGN

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

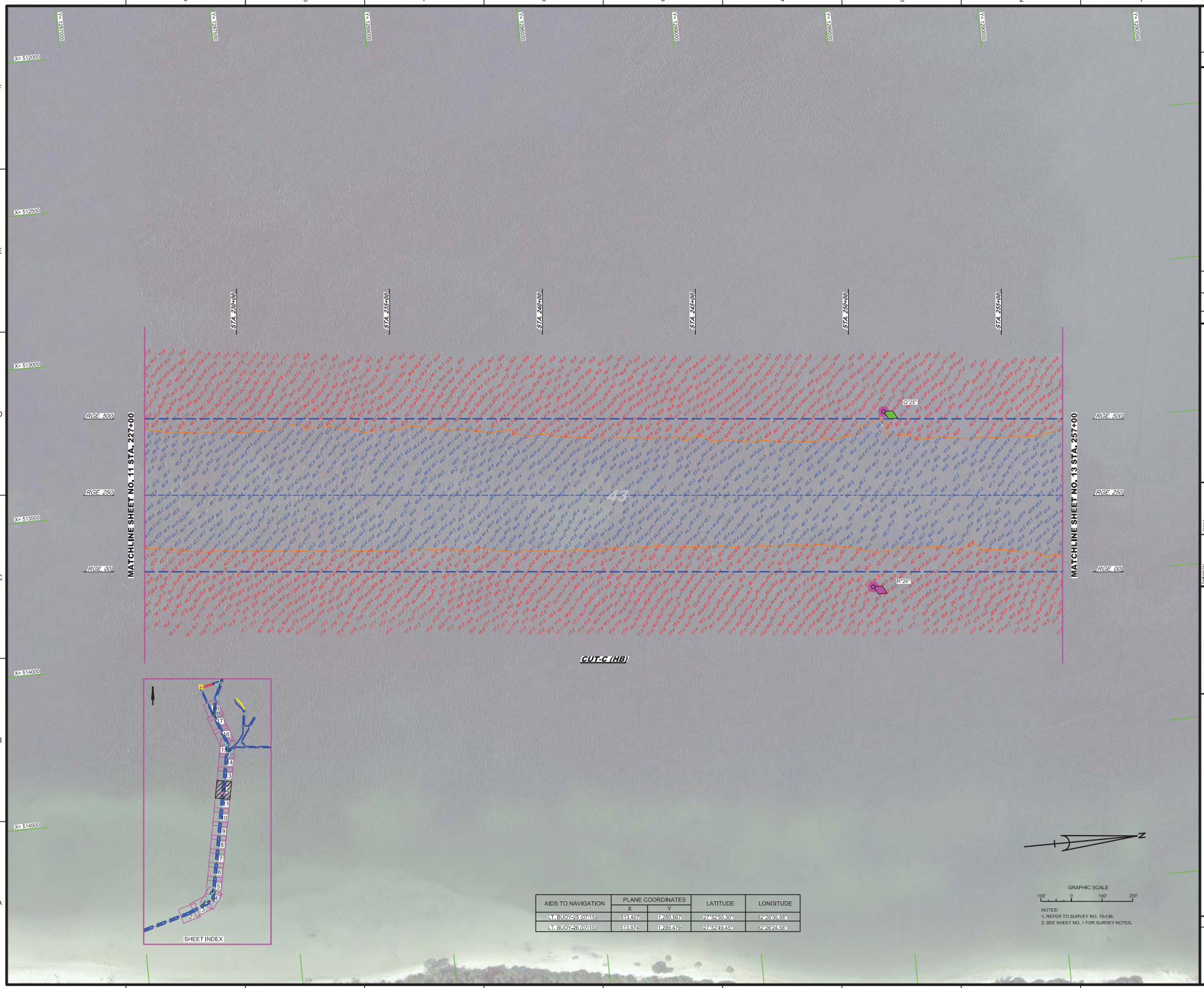
HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 197+00 THRU STA. 227+00 CUT-C (HB)

PLAN

Scale: AS SHOWN

Drawing no. **11**



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-25 (07/15)	513,407	1,289,567	27°52'50.30"	82°26'30.88"
LT. BUOY-23 (07/15)	513,974	1,289,479	27°52'49.45"	82°26'24.56"

NOTES:
1. REFER TO SURVEY NO. 15-136.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Revised	Date	Drawn by

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

Checked by: DRBC
Drawn by: DRBC
Date: DD.MMM.YYYY
Reviewed by: DRBC
Date: DD.MMM.YYYY

XXXXXXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
15-136-A-GEN.DGN
15-136-A-GEN-ALT.DGN
15-136-A-GEN-ALT-CL-AB-HT.DGN
15-136-A-GEN-ALT-CL-AB-HT-CUT.DGN
15-136-A-GEN-ALT-CL-AB-HT-CUT-CLEAN.DGN
15-136-A-BATHY.DGN
15-136-A-BATHY-CUT-C.DGN
Reference files:

Tile: 15-136-A-12_HB.DGN
Tile Name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 227+00 THRU STA. 257+00 CUT-C (HB)

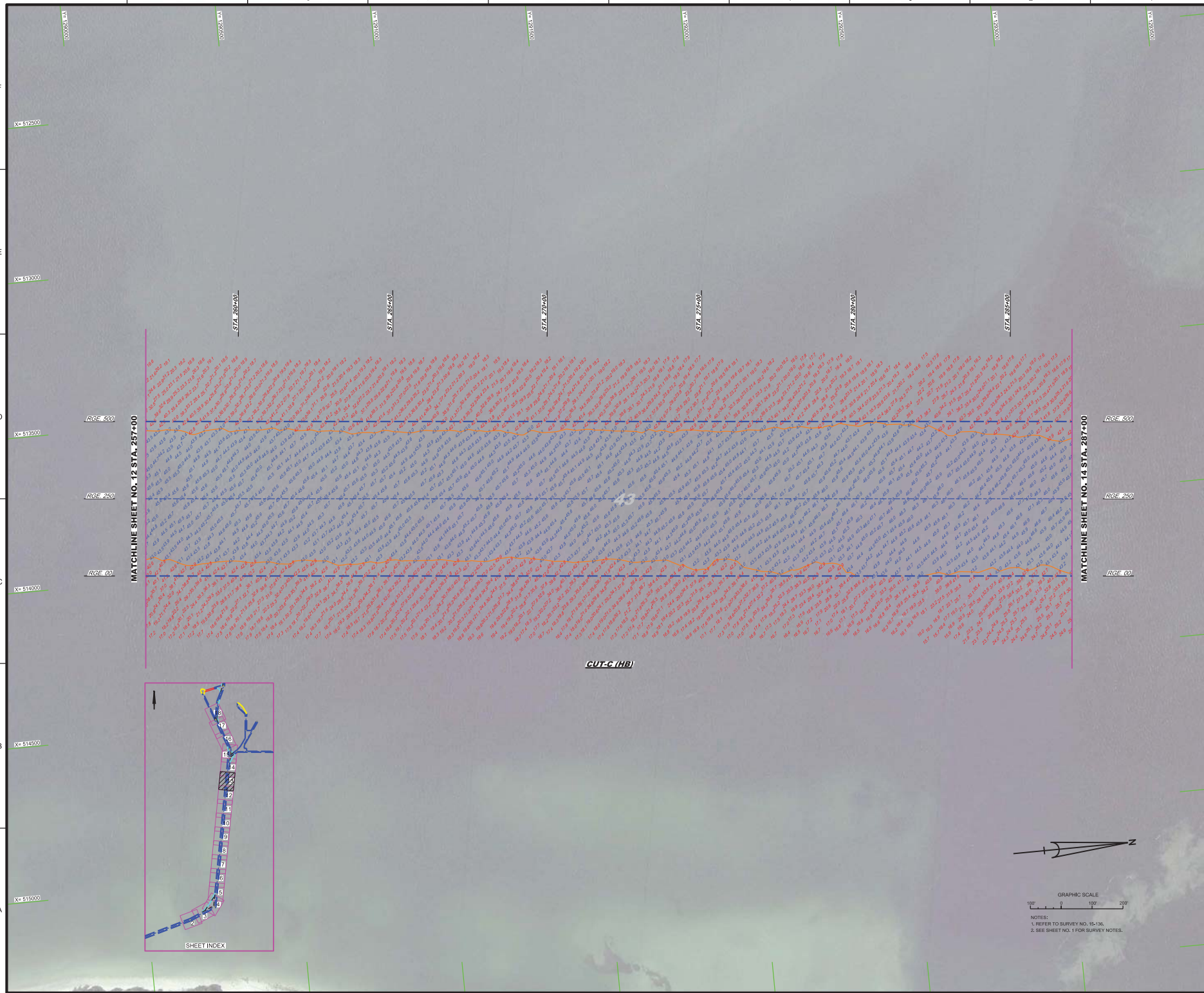
PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 18



NOTES:
1. REFER TO SURVEY NO. 15-136.
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	Description

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

Designed by: VFRM
Drawn by: VFRM
Checked by: DMR
Rev. No.
Date: DD MMM YYYY

XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-V-CON4.DGN
15-136-V-SOUN_CTC_MB-HF.DGN
TAMPA HARBOR-C-BPMCCF.DGN
15-136-C-BB-BR.DGN
Reference files:
15-136-HF-13_ZU.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

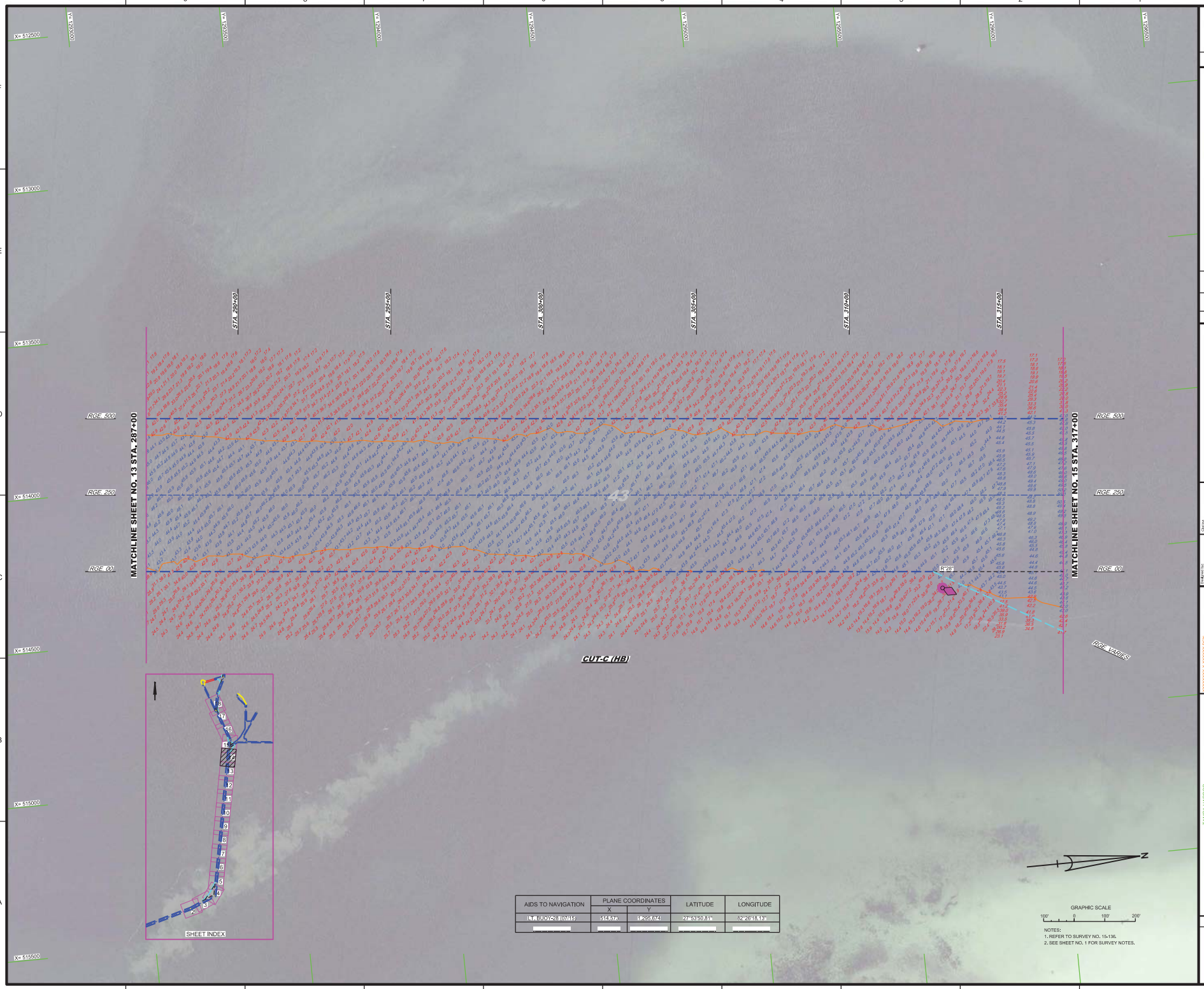
HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT
STA. 257+00 THRU STA. 287+00 CUT-C (HB)

PLAN

Scale: AS SHOWN

Drawing no.
13

SHEET 13 OF 18



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-28 (07/15)	514,573	1,295,674	27°53'50.81"	82°26'18.13"

NOTES:
1. REFER TO SURVEY NO. 15-136.
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	Description

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

Designed by: V/RM
Drawn by: V/RM
Checked: DMR
Rev. No.
Date: DD MMM YYYY

XXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXX-XXXXXXXX.DGN
15-136-V-CONA3.DGN
15-136-V-NAV.DGN
15-136-V-SOUN_CTC_3B-HF.DGN
15-136-V-SOUN_CTC_3B-HF.DGN
TAMPA HARBOR-C-BPMCCF.DGN
15-136-C-BB-BRDR.DGN
Reference files:
15-136-V-HF-N_ZU.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 287+00 THRU STA. 317+00 CUT-C (HB)

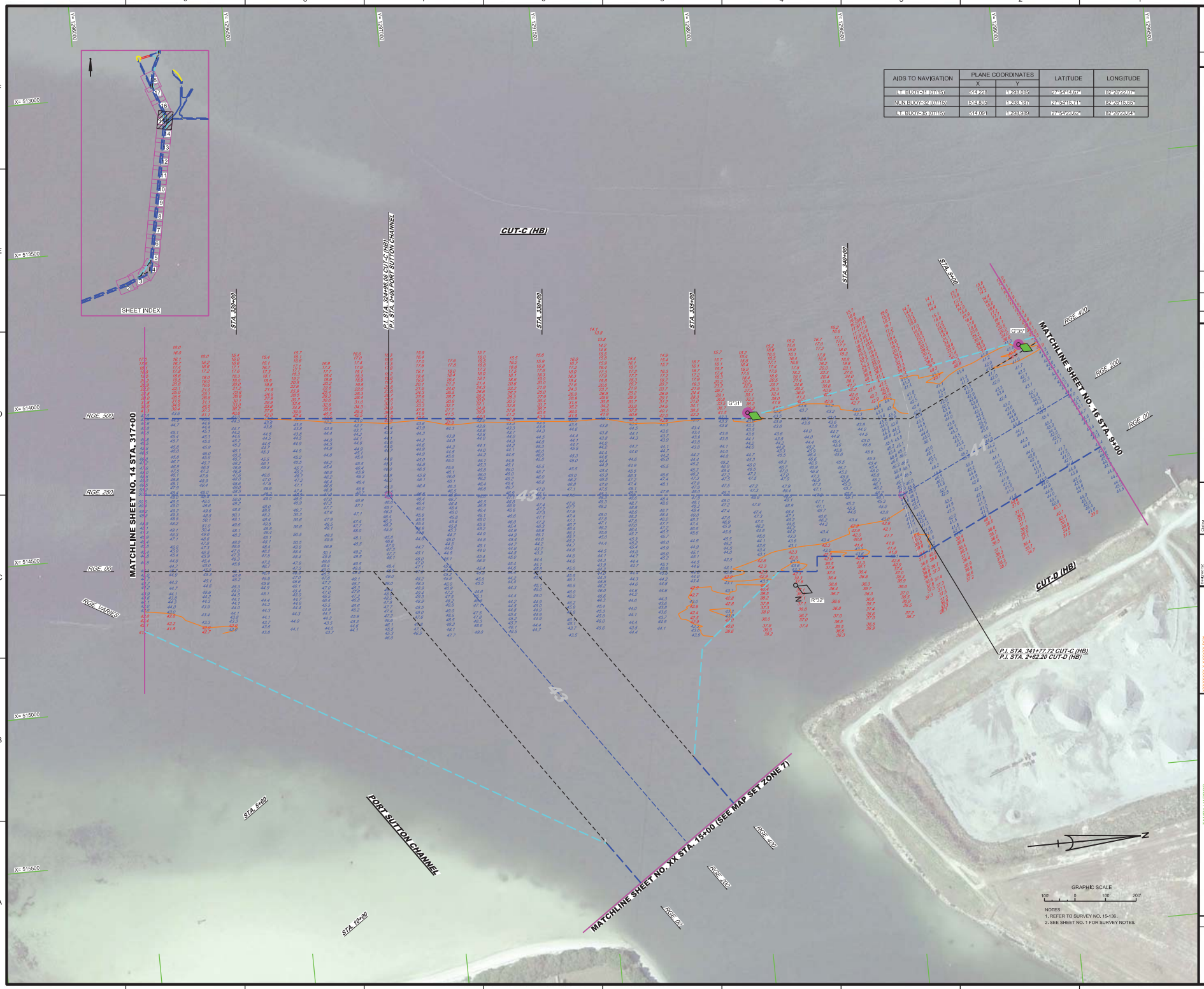
PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 18



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
L F BUOY-31 (07/15)	514,228	1,268,085	27°54'14.67"	82°26'22.07"
NUN BUOY-32 (07/15)	514,305	1,268,187	27°54'15.71"	82°26'15.85"
L F BUOY-35 (07/15)	514,091	1,268,980	27°54'23.62"	82°26'23.84"

NOTES:
1. REFER TO SURVEY NO. 15-136.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Revised	Date	Drawn by

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

Chk'd by: MBI
Date:
Date is: DD MMM YYYY
Rev. No.
Date:

XXXXXXXXXXXXXXXXX.DGN
15-136-A-ZONE3.DGN
15-136-A-ZONE3.DGN
15-136-A-ZONE3.DGN
15-136-A-ZONE7_CT1_28HR.DGN
15-136-A-ZONE7_CT1_28HR.DGN
15-136-A-ZONE7_CT1_28HR.DGN
15-136-A-ZONE7_CT1_28HR.DGN
15-136-A-ZONE7_CT1_28HR.DGN
Reference files
Tile: 15-136-A-ZONE7_28HR.DGN
File name:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 287+00 CUT-C (HB) THRU STA. 9+00 CUT-D (HB) AND
STA. 0+00 THRU STA. 15+00 PORT SUTTON CHANNEL

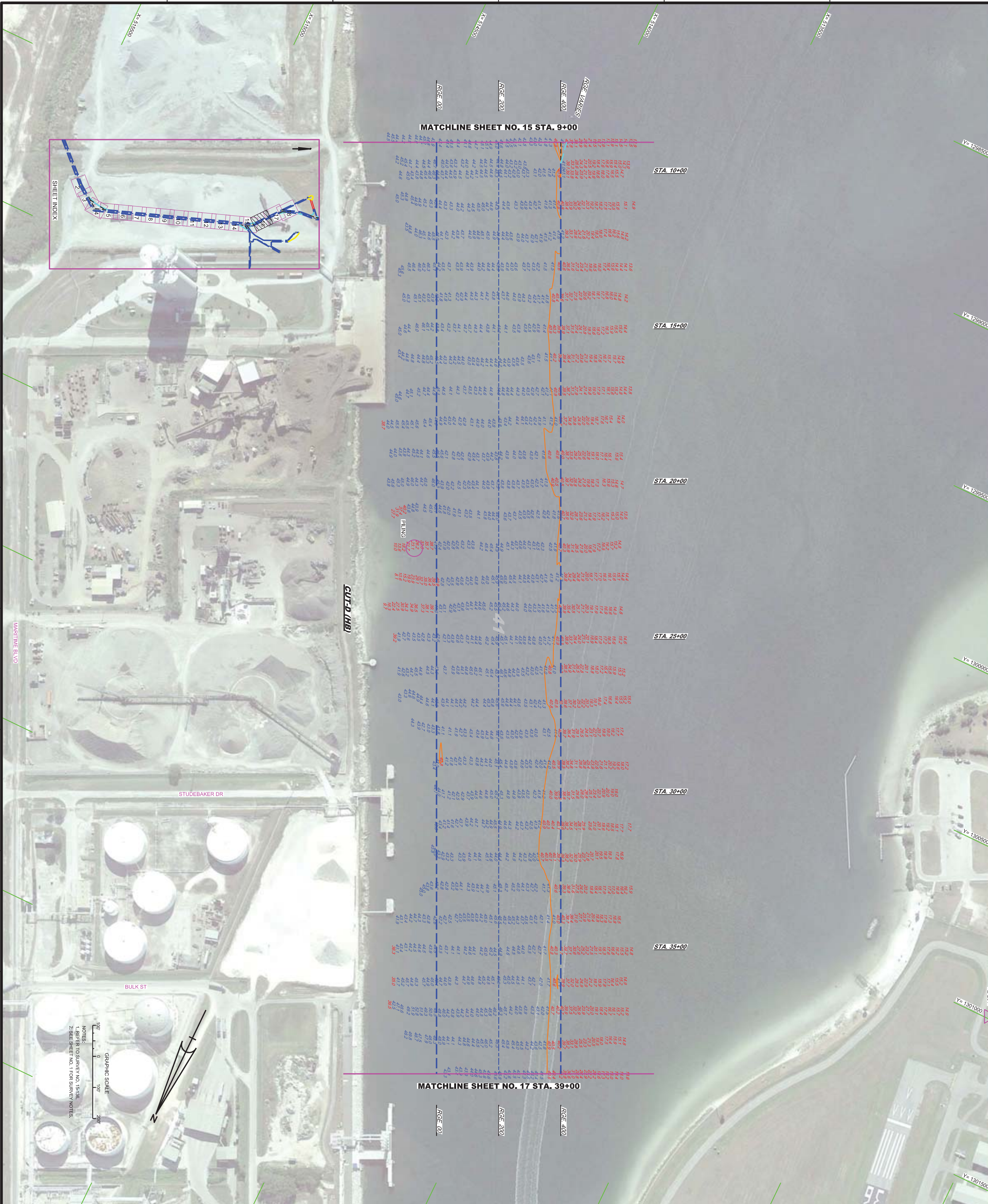
PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 18



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description

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

Designed by: WRM
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: DD MMM YYYY

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-V-CON41.DGN
15-136-V-SOUN_CTD_SB-HF.DGN
TAMPA HARBOR-C-SPMCCF.DGN
15-136-G-BS-BRDR.DGN

File name: 15-136-VH-16_Z6.DGN

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

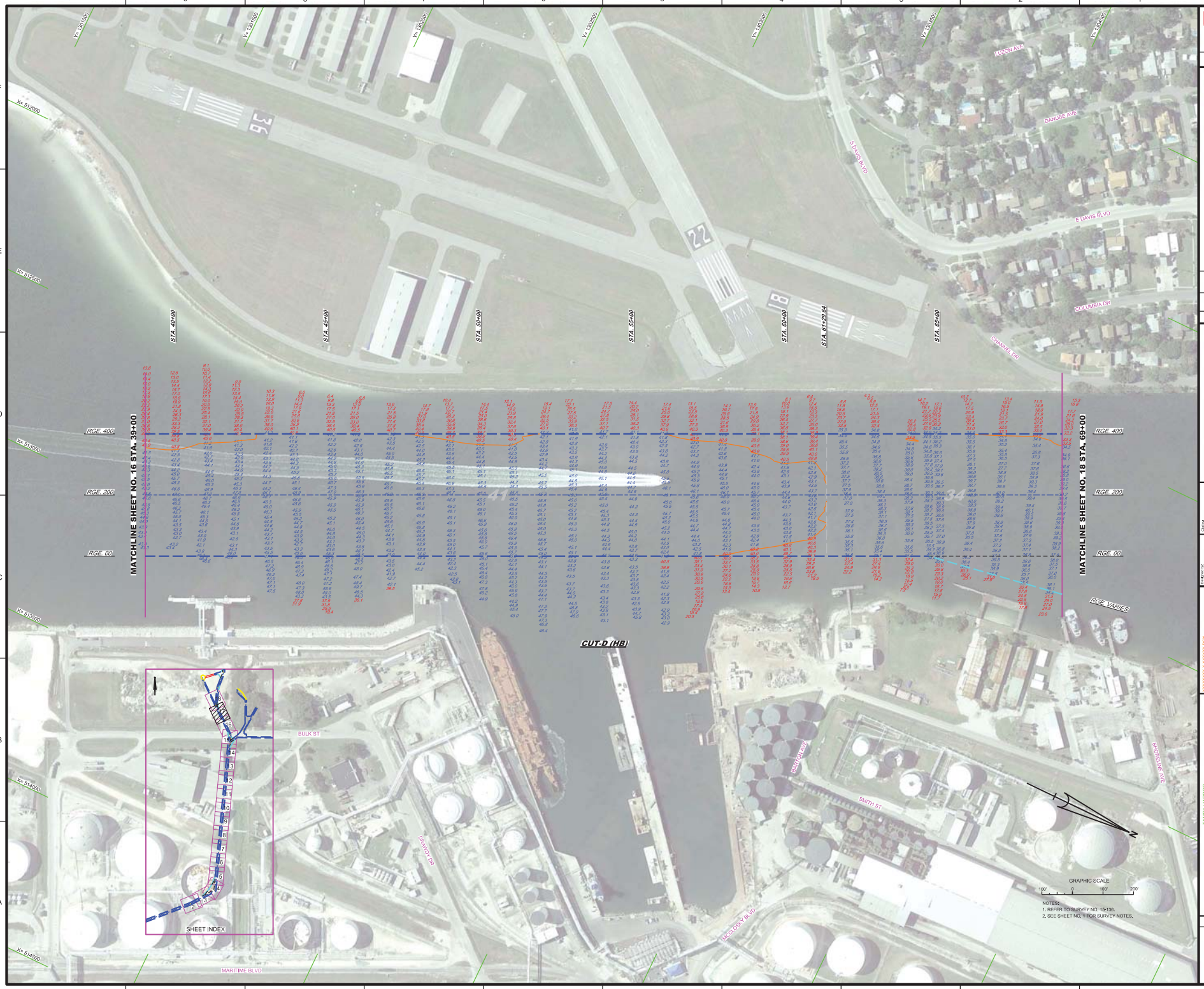
HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 9+00 THRU STA. 39+00 CUT-D (HB)

PLAN

Scale: AS SHOWN

Drawing no. 16



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Revised	Date	Description

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

Checked by: MBH
Date by: DD.MM.YYYY
Date by: DD.MM.YYYY
Drawn by: Bdc

XXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
XXXXXXXX-XX-XXXXXX.DGN
15-SHA-A-GENL.DGN
15-SHA-A-GENL.DGN
15-SHA-A-GENL_CTL_AB-HR.DGN
15-SHA-A-GENL_CTL_AB-HR.DGN
15-15C-A-BATHY_CUT-D_AB-HR.DGN
15-15C-A-BATHY_CUT-D_AB-HR.DGN
Reference files:

File: 15-SHA-A-17_2D.DGN
Date/Time:

TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 39+00 THRU STA. 69+00 CUT-D (HB)

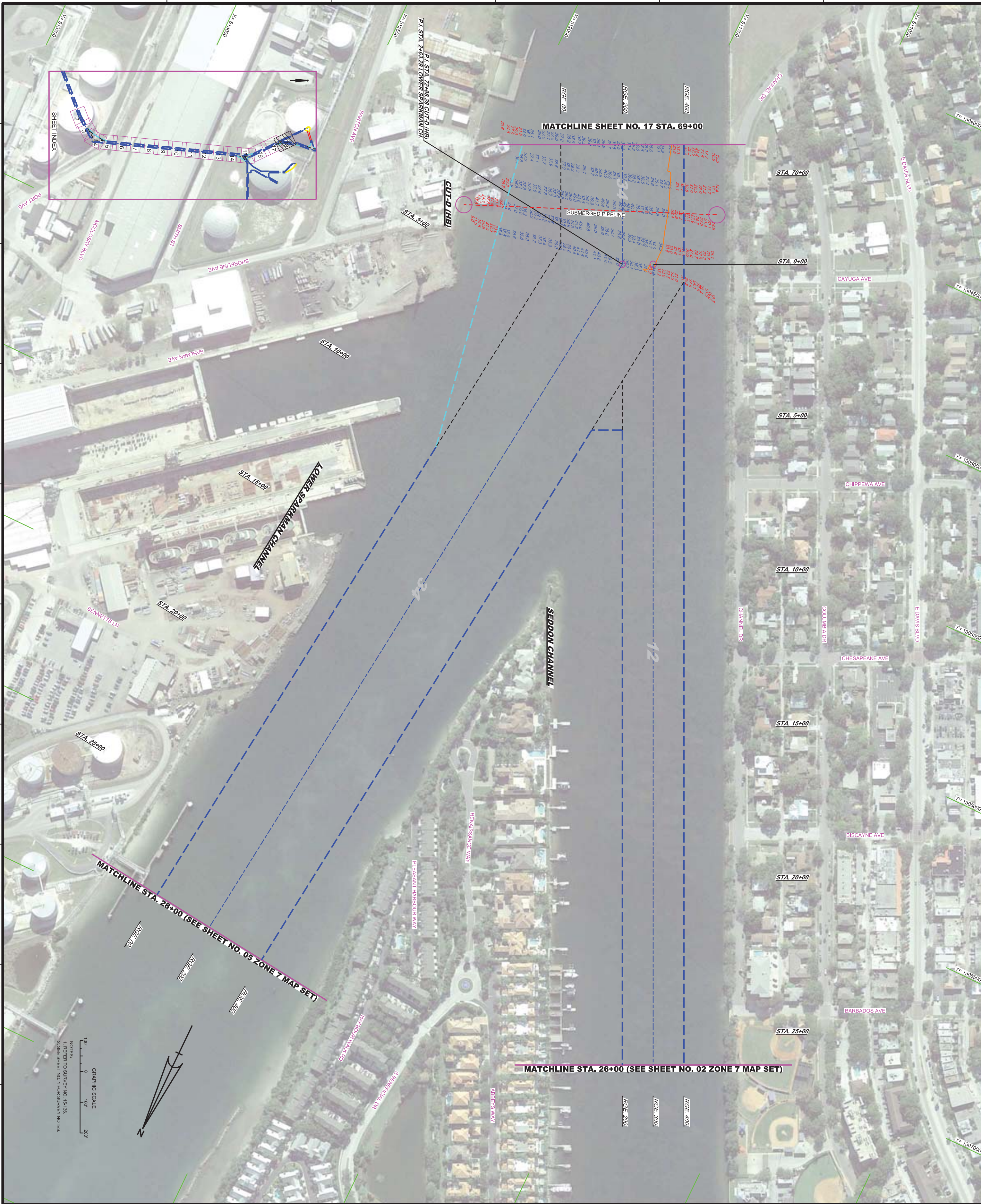
PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 18



TAMPA HARBOR
HILLSBOROUGH COUNTY, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY15
34, 41 AND 43-FOOT PROJECT

STA. 69+00 CUT-D (HB) THRU STA. 26+00 SEDDON CHANNEL
AND STA. 2+63.29 THRU STA. 28+00 LOWER SPARKMAN CHANNEL

PLAN

Scale: AS SHOWN

Drawing no. **18**

SHEET 18 OF 18

Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
15-136-V-CON34.DGN
15-136-V-SOUN_CTD_SB-HF.DGN
TAMPA HARBOR-C-SPMCCF.DGN
15-136-G-BS-BRDR.DGN

File name: 15-136-VH-18_Z6.DGN

Designed by: WRM
Ckd by: GMR
DWN by: WRM
Inv. No.
Dated: DD MMM YYYY

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

No.	Symbol	Zone	Description

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU