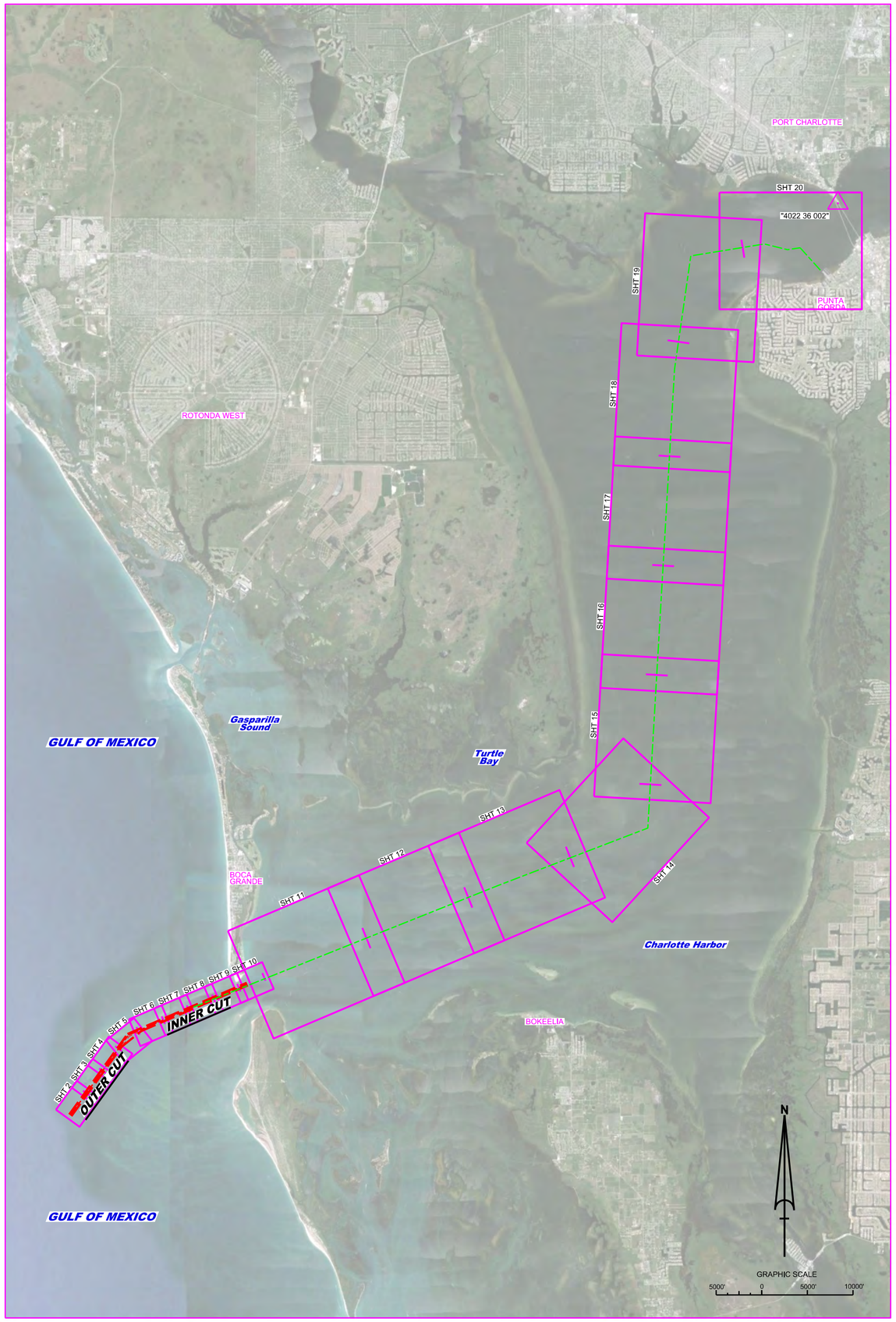


LOCATION MAP

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA
EXAMINATION SURVEY FY14
32-FOOT PROJECT

LEGEND	
BM	BENCHMARK
	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. 14-116.
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 AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. THIS SURVEY WAS PERFORMED USING REAL-TIME AND POST-PROCESSED KINEMATIC GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

   REFERENCE BASE LOCATED AT "4022 36 002"" (OPUS PID: AG9463)

   REFERENCE BASE LOCATED AT "GPSHOLT"" (OPUS PID: AD8700)

9. VERTICAL MEASUREMENTS WERE MADE USING AN ODOM DUAL-FREQUENCY TRANSDUCER OPERATING AT 24/200 KHZ. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	AREA
HYATT	17-19, 23-25 SEP; 02 OCT 2014	INNER & OUTER CUTS, UNCONTROLLED CENTERLINE TO PUNTA GORDA

10. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
11. 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.
12. 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.
13. SURVEY PERFORMED BY HYATT SURVEY SERVICES, INC., BRADENTON, FL.

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
DWN by: VRM
CHK by: GR
Rev. No.
Date: DD MMM YYYY

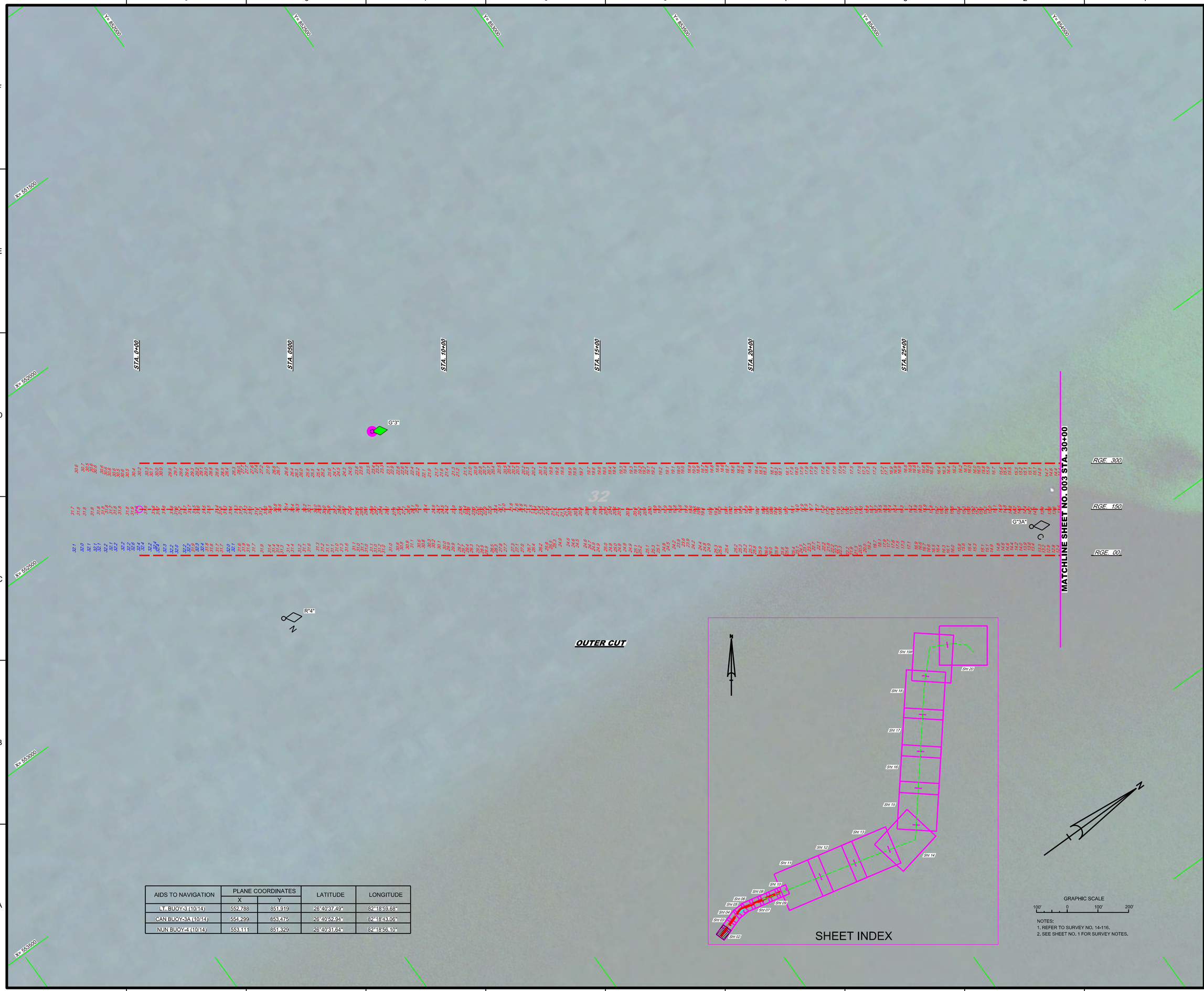
14-116-MROD.DGN
PORTCHARLOTTELNN.DGN
CHARLOTTE-HARBORJC-SPMCOF.DGN
14-116-GPSHOLTR.DGN
Reference files
14-116-VH-001.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (10/14)	552,788	851,919	26°40'37.49"	82°18'59.68"
CAN BUOY-3A (10/14)	554,299	853,475	26°40'52.94"	82°18'43.06"
NUN BUOY-4 (10/14)	553,111	851,329	26°40'31.64"	82°18'56.10"

NOTES:
1. REFER TO SURVEY NO. 14-116.
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: GR
Rev. No.
Date: DD MMM YYYY

Reference files:
X:XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
14-116-SOUNDING.DGN
14-116-SOUN_OUTER_HF.DGN
CHARLOTTE HARBOR-C-SPMCCF.DGN
14-116-C-ESB-BRDR.DGN
File name: 14-116-VH-002.DGN

CHARLOTTE HARBOR- BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

STA. 0+00 THRU STA. 30+00 OUTER CUT

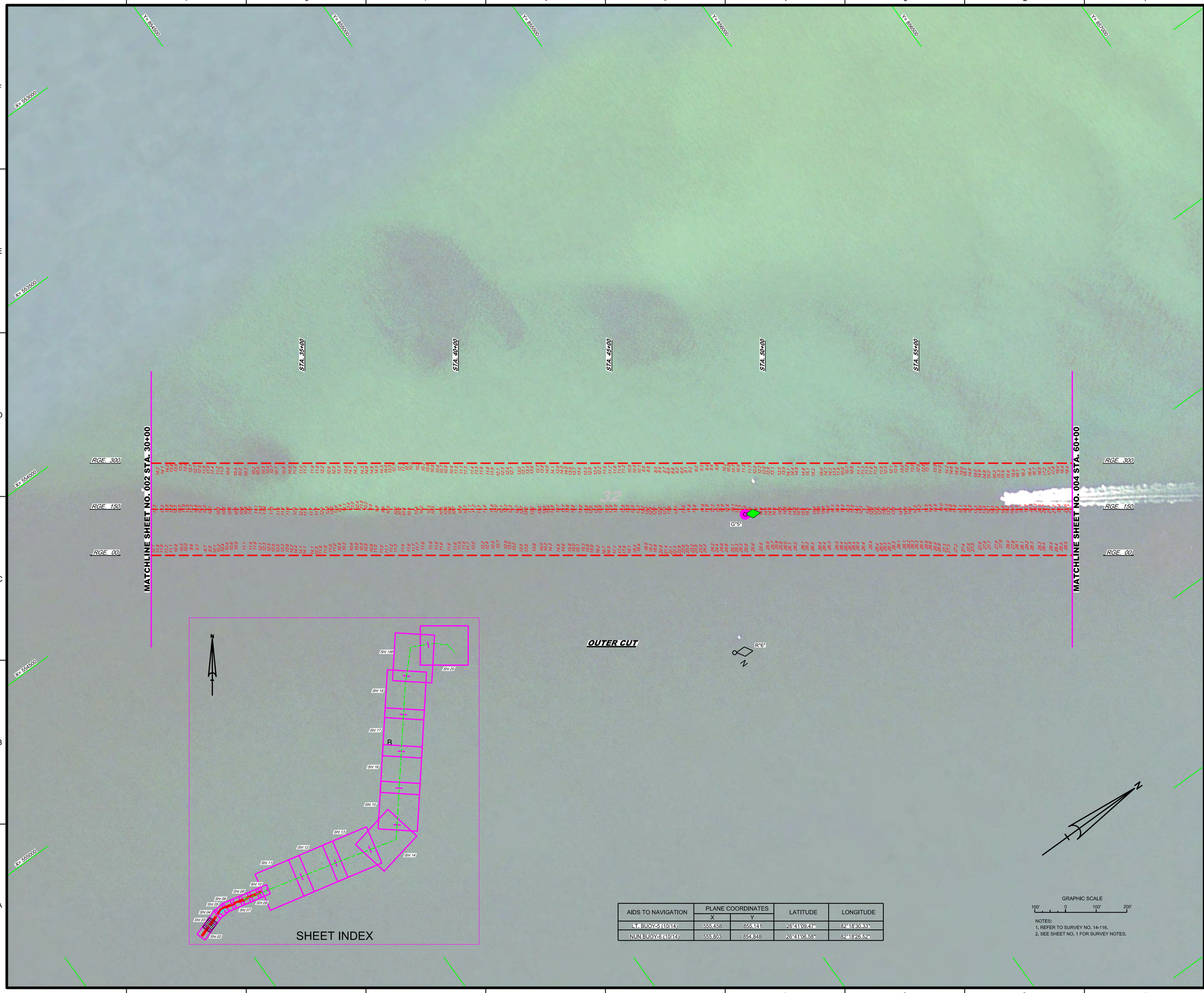
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5 (10/14)	555,458	855,141	26°41'09.47"	82°18'30.33"
NUN BUOY-6 (10/14)	555,803	854,848	26°41'06.58"	82°18'26.52"

NOTES:
1. REFER TO SURVEY NO. 14-116.
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: GR
Rev. No.
Date: DD MMM YYYY

X:\XXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
14-116-VIRM-XXXXXX.DGN
14-116-SOUN_OUTER_HF.DGN
CHARLOTTE HARBOR-C-SPMCCF.DGN
14-116-C-ES-BKDR.DGN
Reference files:
14-116-VH-003.DGN
File name:

CHARLOTTE HARBOR- BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

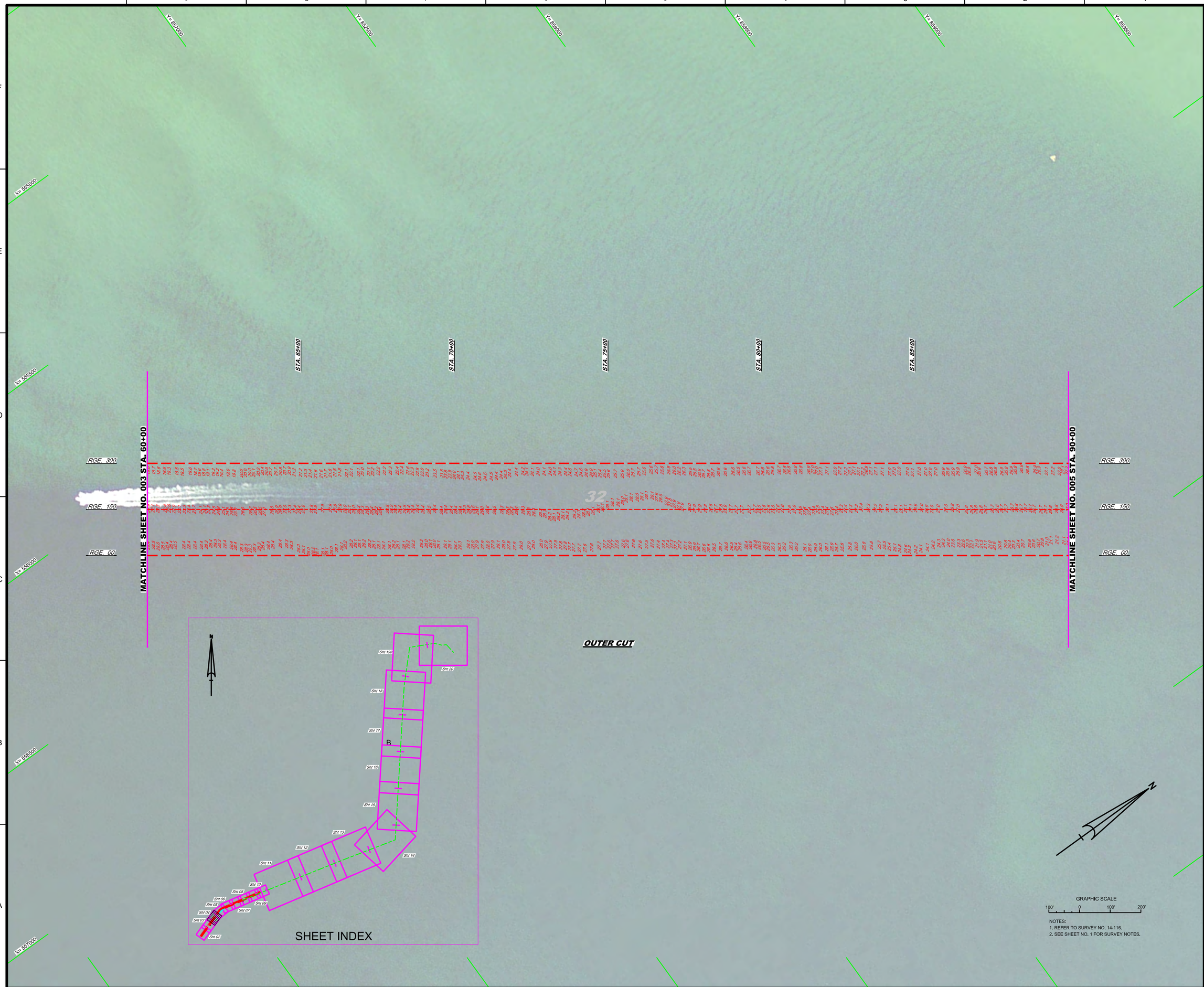
HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT
STA. 30+00 THRU STA. 60+00 OUTER CUT

PLAN

Scale: AS SHOWN

Drawing no.
3

SHEET 03 OF 20



NOTES:
1. REFER TO SURVEY NO. 14-116.
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
Chd by: GR
Rev. No.
Date: DD MMM YYYY

Reference files:
XXXXXXXX-A-XXXXXX.DGN
XXXXXXXX-A-XXXXXX.DGN
XXXXXXXX-A-XXXXXX.DGN
XXXXXXXX-A-XXXXXX.DGN
XXXXXXXX-A-XXXXXX.DGN
14-116-SCUM_OUTER_HT.DGN
CHARLOTTE HARBOR-C-SPMCCF.DGN
14-116-C-FS-SHDR.DGN
14-116-VH-004.DGN

File name:

CHARLOTTE HARBOR- BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

STA. 60+00 THRU STA. 90+00 OUTER CUT

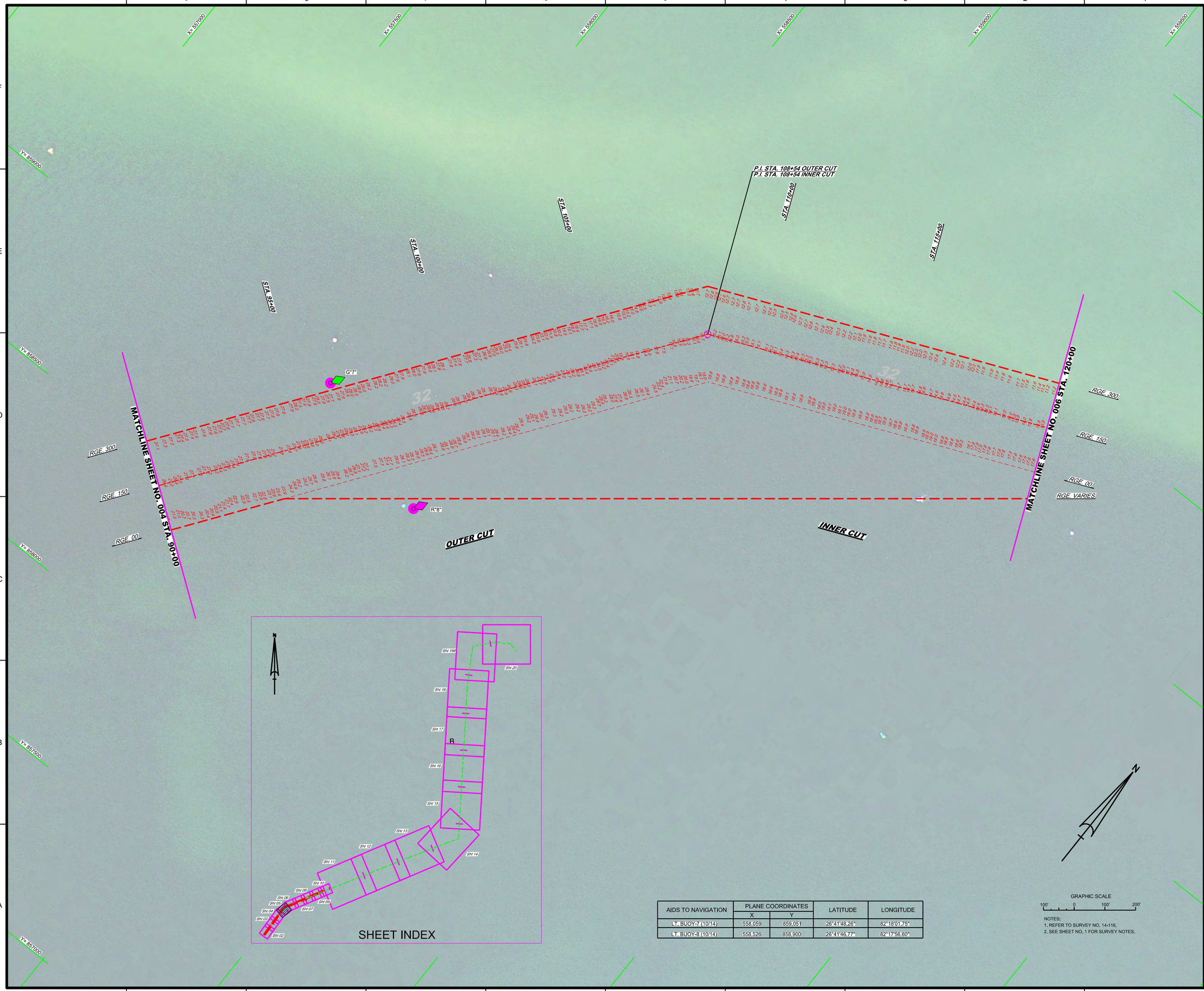
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-7 (10/14)	558,059	859,051	26°41'48.26"	82°18'01.75"
LT. BUOY-8 (10/14)	558,526	858,900	26°41'46.77"	82°17'56.60"

NOTES:
1. REFER TO SURVEY NO. 14-116.
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
Chkd by: GB
Proj. No.
Dates: DD MMM YYYY

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
14-116A-MAV.DGN
14-116-SOUTH_OUTER_HF.DGN
14-116A-SOUTH_OUTER_HF.DGN
CHARLOTTE HARBOR-C-SPMCCF.DGN
14-116-C-BR-GRR.DGN
Reference files:
14-116-VH-05.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

STA. 90+00 OUTER CUT THRU STA. 120+00 INNER CUT

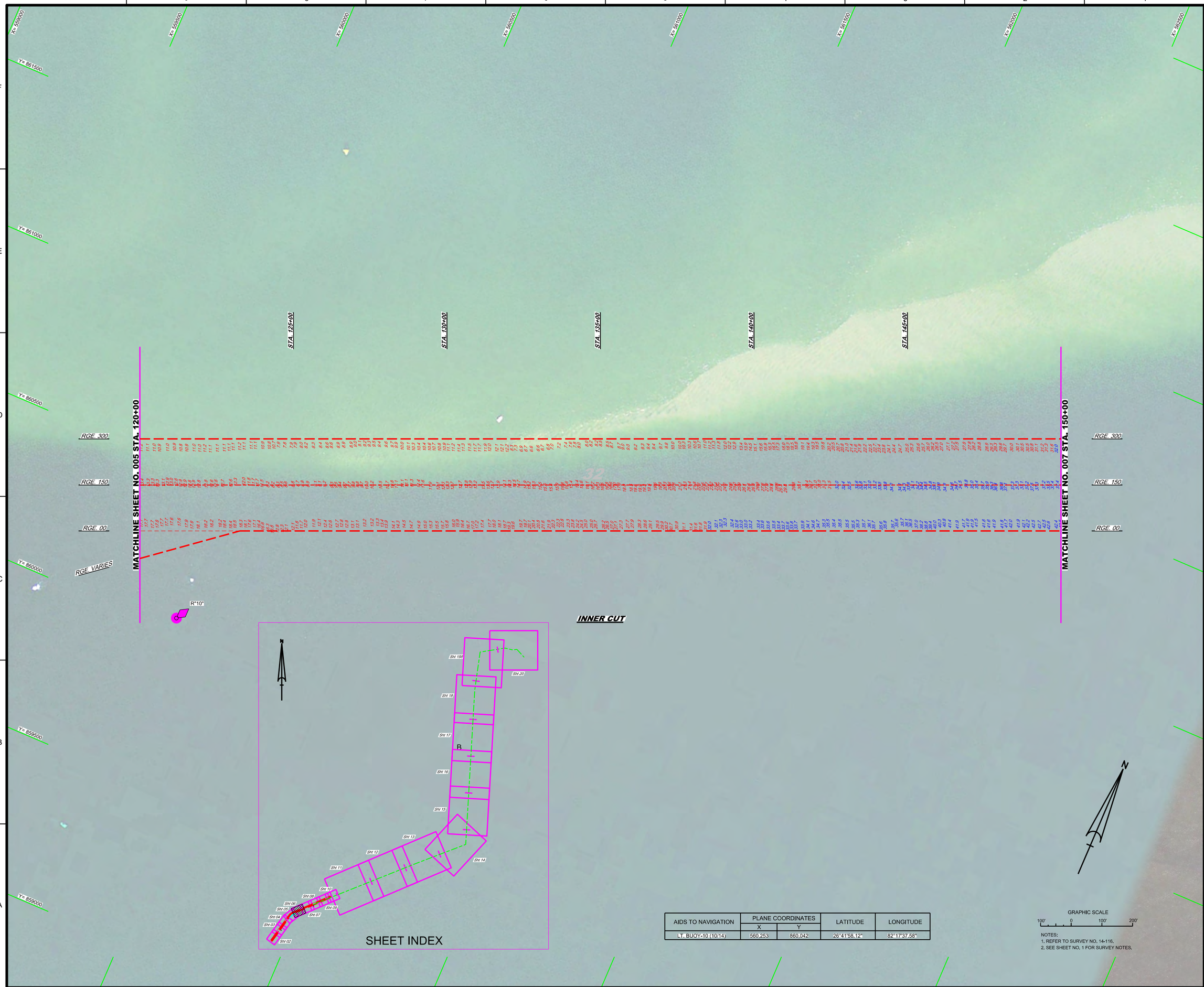
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-10 (10/14)	560,253	860,042	26°41'58.12"	82°17'37.58"

NOTES:
1. REFER TO SURVEY NO. 14-116.
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
Cad by: GR
Rev. No.
Date: DD MMM YYYY

XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
14-115-VA-SOUN_INNER_HP.DGN
CHARLOTTE HARBOR-C-SPNCCF.DGN
14-116-CHBS-BRDR.DGN
Reference files:
14-116-VH-006.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

STA. 120+00 THRU STA. 150+00 INNER CUT

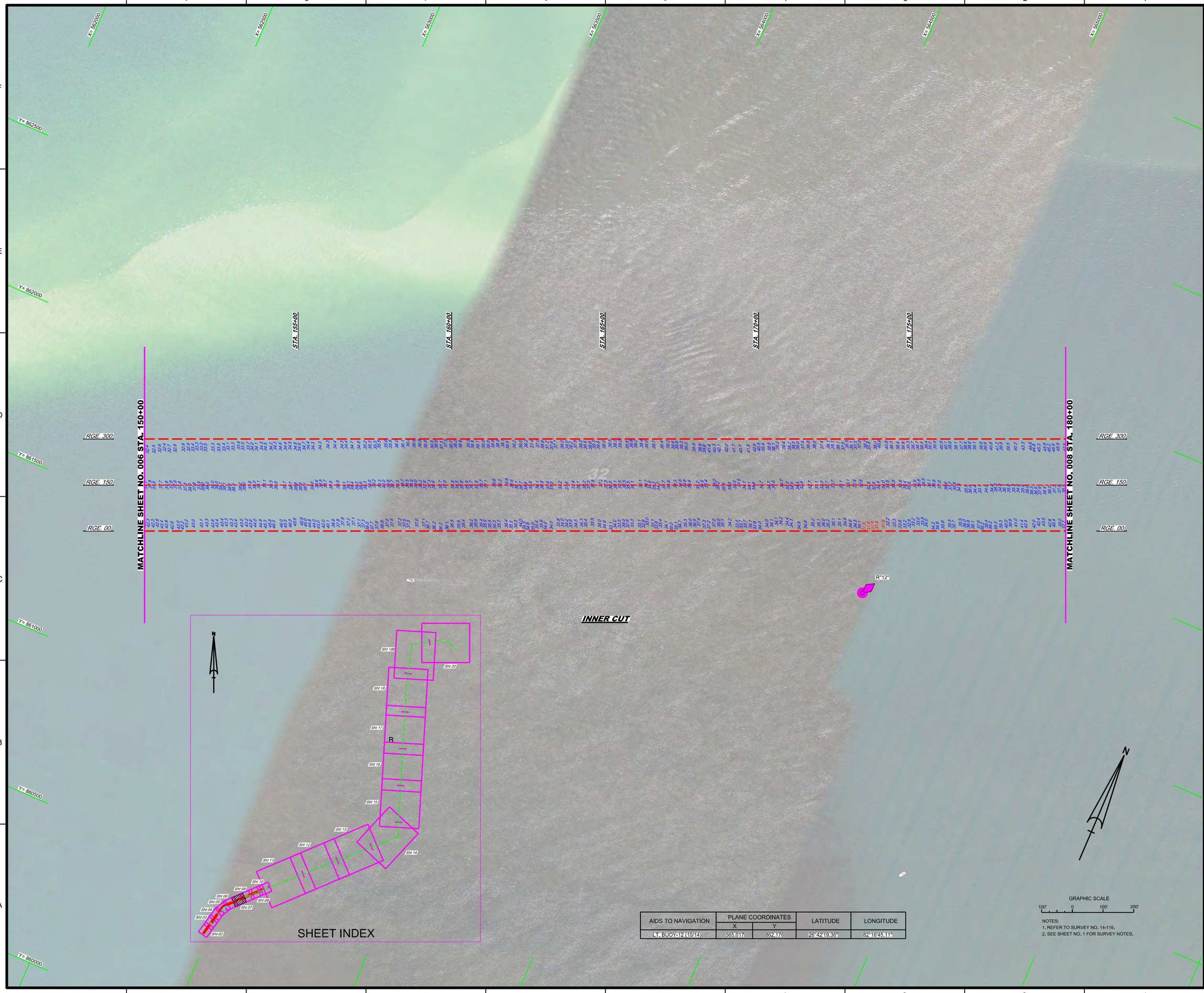
PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-12 (10/14)	565,017	862,176	26°42'19.36"	82°16'45.11"

NOTES:
1. REFER TO SURVEY NO. 14-116.
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: GR
Rev. No.
Date: DD MMM YYYY

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
14-116-XXXXXXXXXXXX.DGN
14-116-IVSOUN_INNER_HF.DGN
CHARLOTTE HARBOR-C-SPMCCF.DGN
14-116-C-BS-BSDR.DGN
Reference files:
14-116-VH-007.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

STA. 150+00 THRU STA. 180+00 INNER CUT

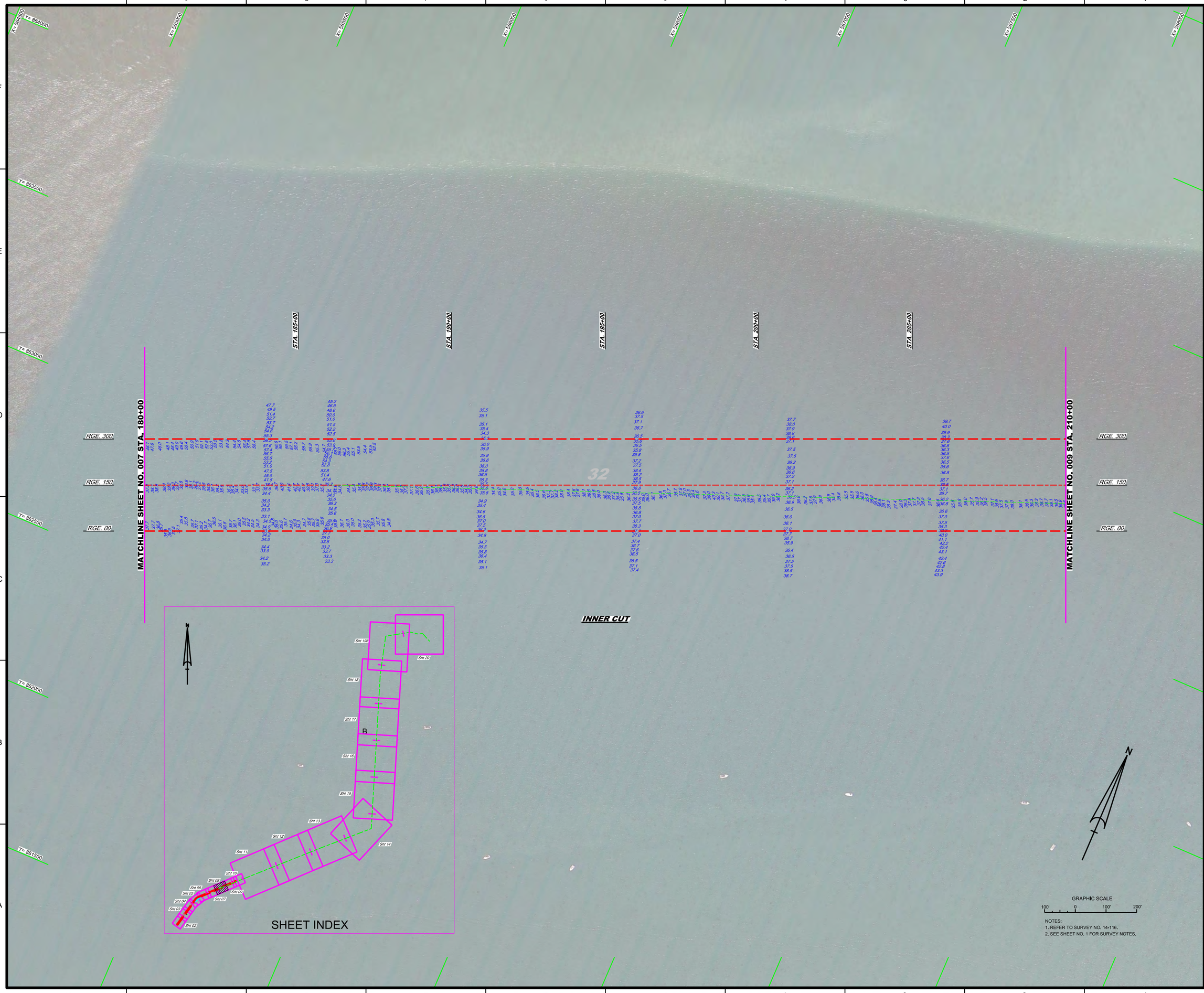
PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 20



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

Chief, Tpt: GR
Designed by: VRM
DWN by: VRM
Rev. No.
Dated: DD MMM YYYY

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
14-116-C-BS-SPMCCF.DGN
PORTCHARLOTTELNW.DGN
CHARLOTTE HARBOR-C-SPMCCF.DGN
14-116-C-BS-SPDR.DGN
Reference files:
14-116-VH-008.DGN
File name:

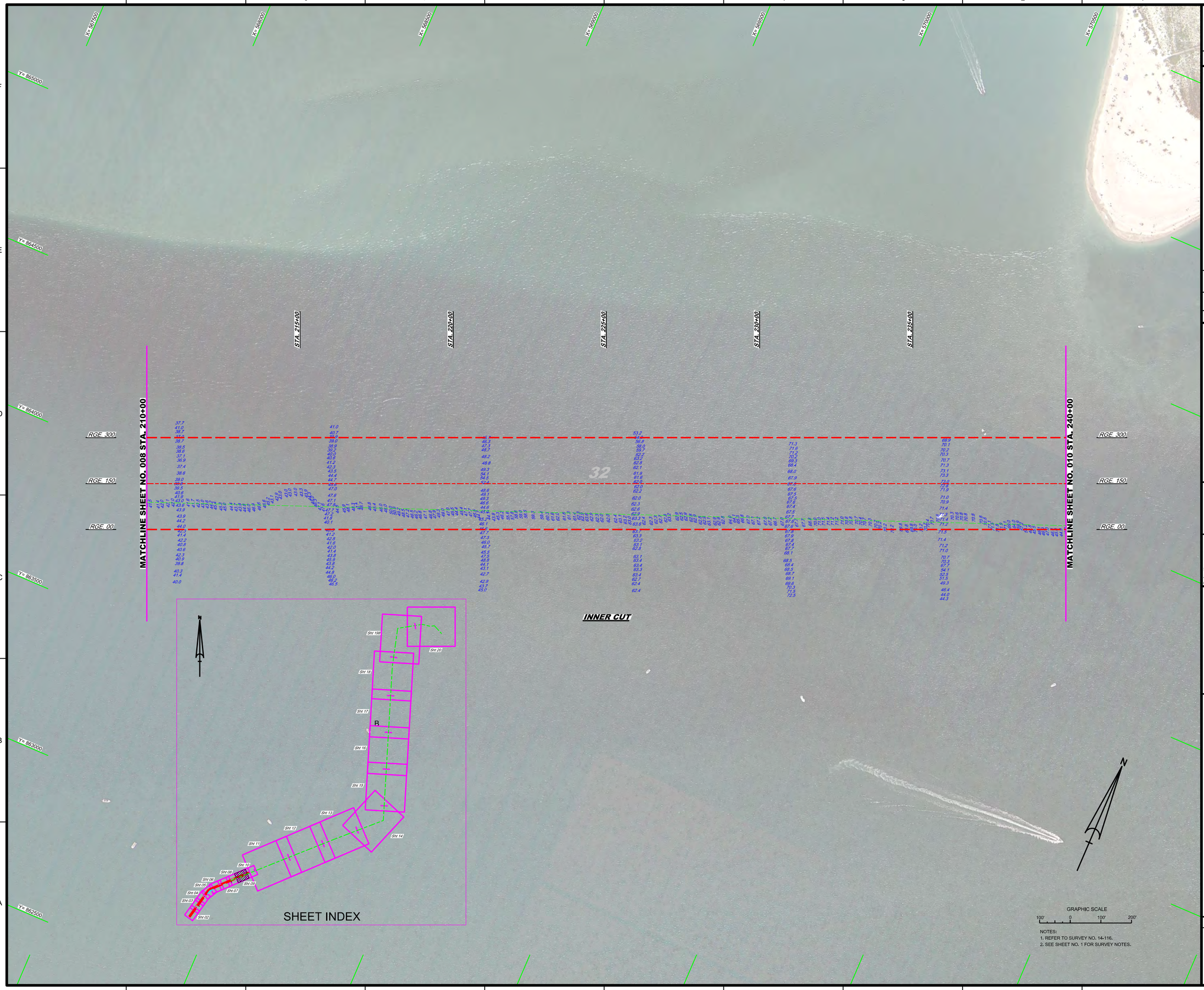
CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT
STA. 180+00 THRU STA. 210+00 INNER CUT
PLAN

Scale: AS SHOWN

Drawing no.
8

SHEET 08 OF 20



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: GR
Inv. No.
Date: DD MMM YYYY

XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
14-116-CA-EX-MAP-01.DGN
PORTCHARLOTTETIN.DGN
CHARLOTTE HARBOR-C-SPNICCF.DGN
14-116-CA-ES-BRDR.DGN
Reference files:
14-116-VH-010.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

STA. 210+00 THRU STA. 240+00 INNER CUT

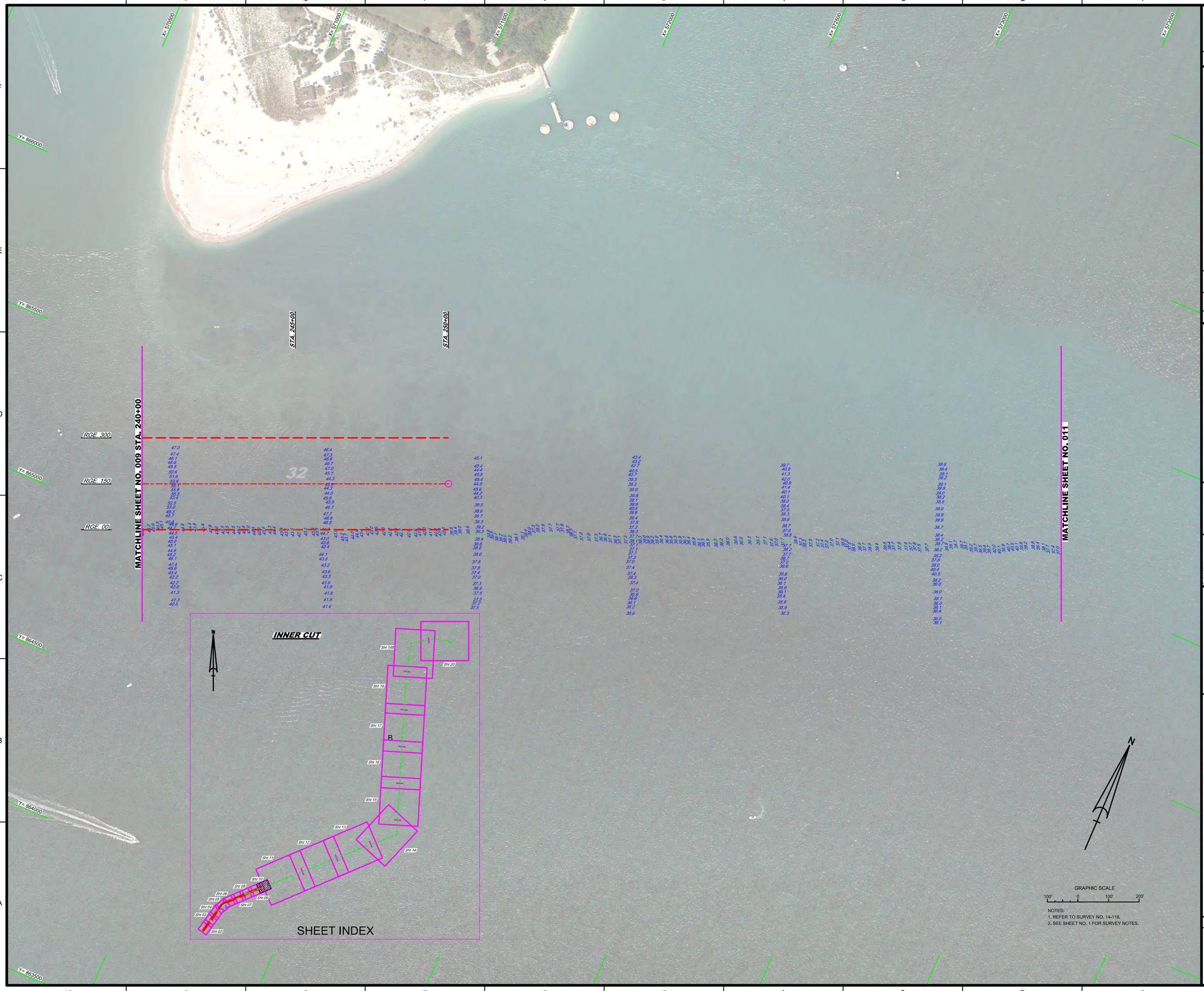
PLAN

Scale: AS SHOWN

Drawing no.

9

SHEET 09 OF 20



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
DWN by: VIRM
Chkd by: GR
Rev. No.
Date: DD MMM YYYY

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
14-116-C-SEG-A-WVS-01.DGN
PORTCHARLOTTE1NTV.DGN
CHARLOTTE HARBOR-C-SPMCCF.DGN
14-116-C-SEG-B-ROR.DGN
Reference files:
14-116-VH-310.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

STA. 240+00 THRU STA. 250+00 INNER CUT

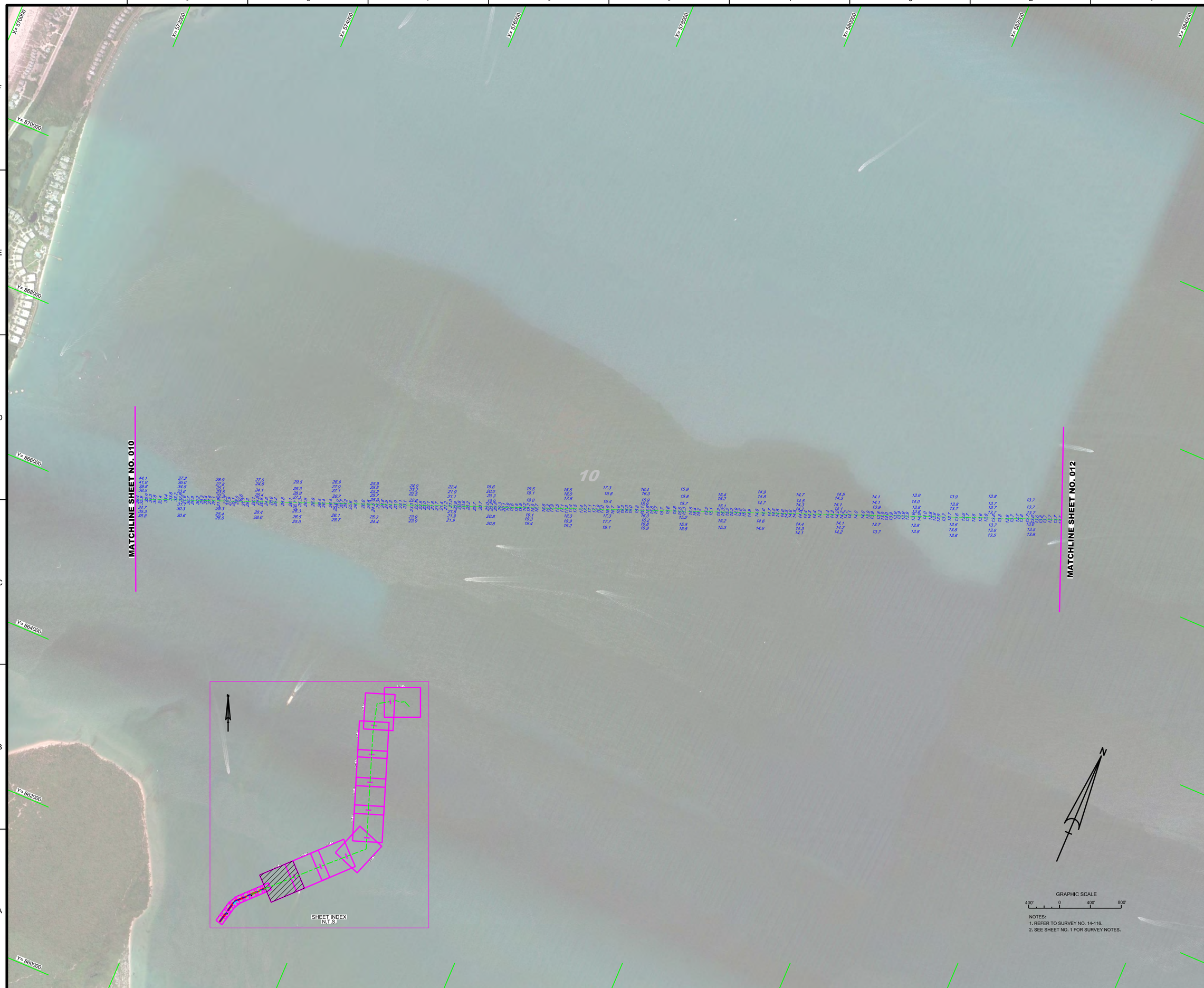
PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 20



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: GR
Rev. No.
Date: DD MMM YYYY

LYYXXXXXX-X-XXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
14-116-VSQUILOCA-L.DGN
PORTCHARLOTTELINNY.DGN
14-116-CHS-BNDR.DGN
Reference files:

14-116-VH011.DGN
File name:

CHARLOTTE HARBOR- BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT
UNCONTROLLED CENTERLINE

PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 20

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB
DEPENDS ON YOU

No.	Symbol	Zone

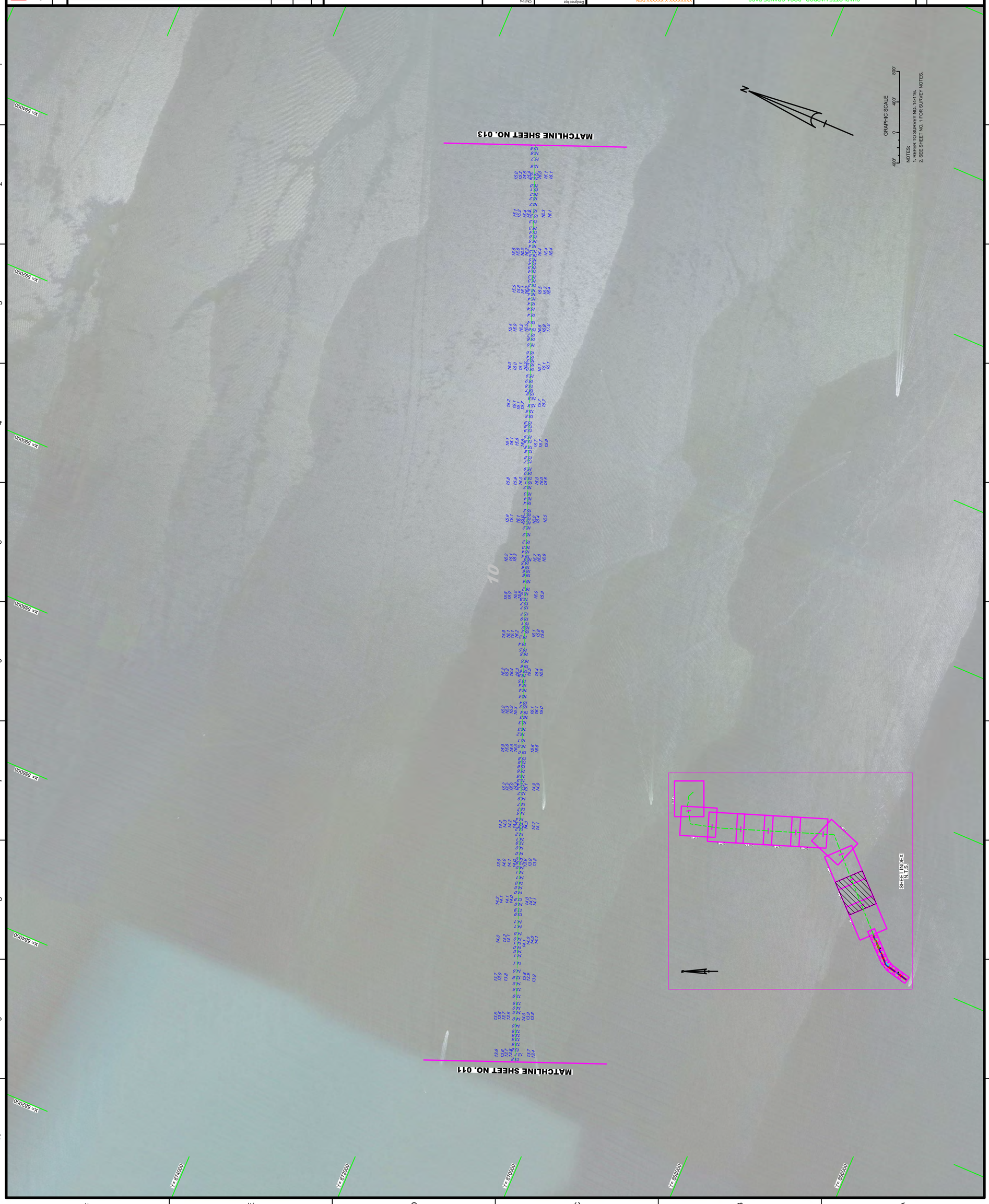
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

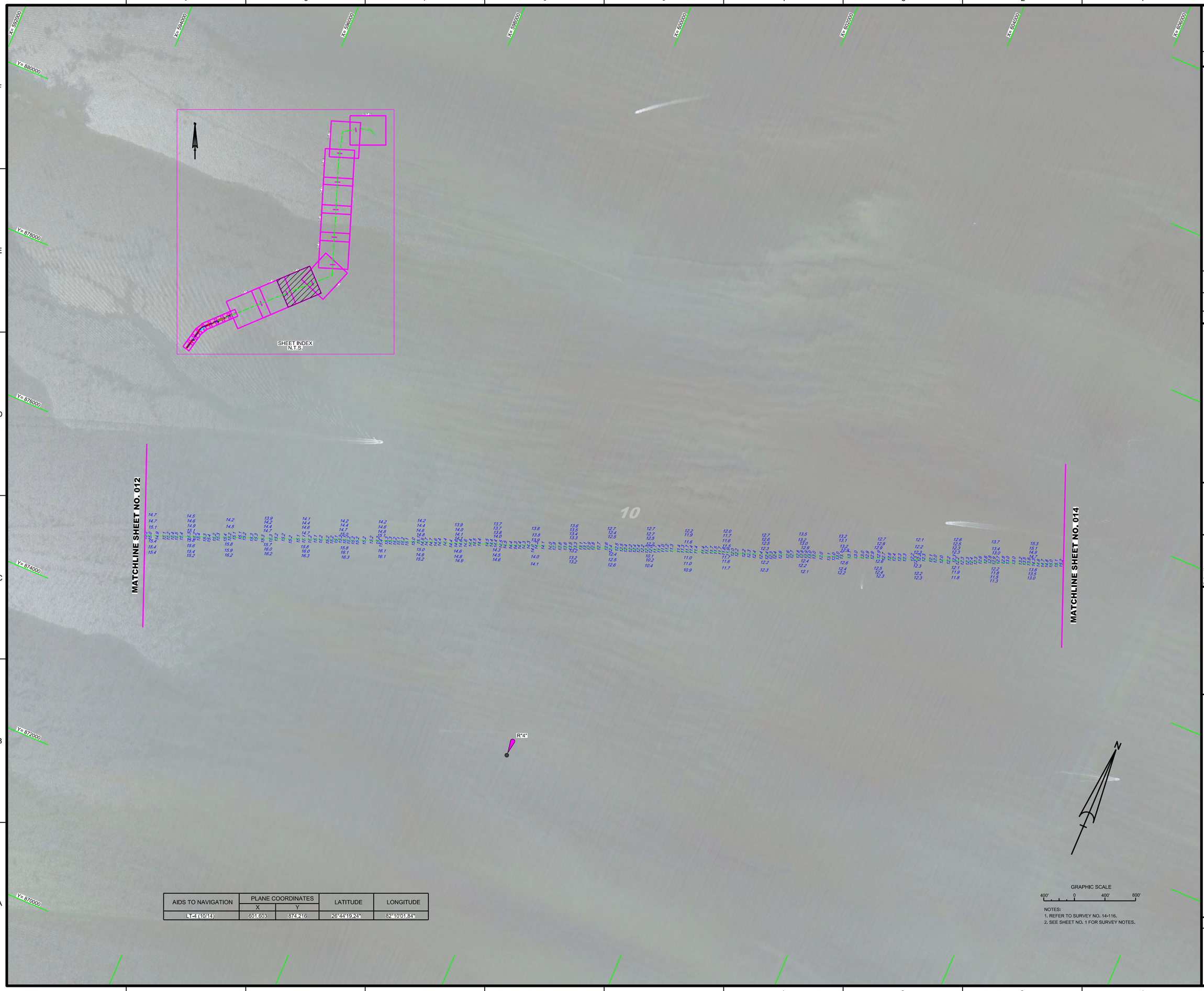
Designed by: WRM
Dwg by: GR
DWN by: WRM
Dsn'd: DD MMM YYYY
Trv. No.:
Reference files:
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
14-1-16-VH-S-SOUN_UC-CL.DGN
PORTCHAR_LOTTELNM.DGN
14-1-16-C-B5-B-RDR.DGN
14-1-16-VH-012.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT
UNCONTROLLED CENTERLINE
PLAN

Scale: AS SHOWN
Drawing no. 12
SHEET 12 OF 20





AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (10/14)	601.603	874.216	26°44'19.24"	82°10'01.84"

NOTES:
1. REFER TO SURVEY NO. 14-116.
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: GR
Rev. No.
Date: DD.MMM.YYYY

CHARLOTTE HARBOR- BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT
UNCONTROLLED CENTERLINE
PLAN

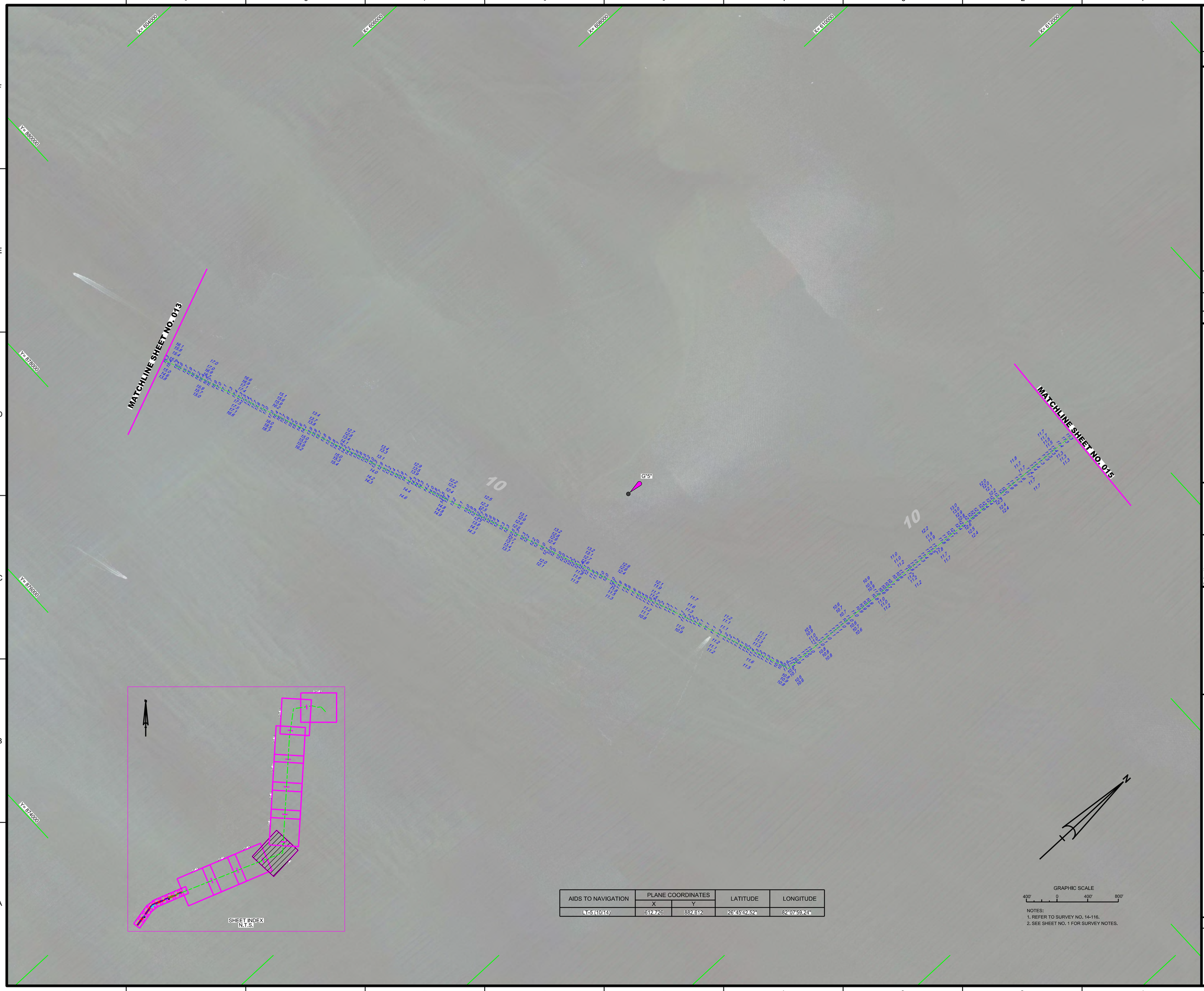
Reference files:
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
14-116-VUALUPC-CL.DGN
PORTCHARLOTTELNNY.DGN
14-116-CHS-BRDR.DGN

File name: 14-116-VHS13.DGN

Scale: AS SHOWN

Drawing no.
13

SHEET 13 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-5 (10/14)	612,726	882,612	26°45'42.52"	82°07'59.24"

GRAPHIC SCALE

400' 0 400' 800'

NOTES:
1. REFER TO SURVEY NO. 14-116.
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
Cad by: GR
Rev. No.
Date: DD.MMM.YYYY

Reference files:
X:\XXXXXXX-XXXXXX.DGN
X:\XXXXXXX-XXXXXX.DGN
X:\XXXXXXX-XXXXXX.DGN
X:\XXXXXXX-XXXXXX.DGN
X:\XXXXXXX-XXXXXX.DGN
14-116-VSOUNDPC-CLR.DGN
14-116-VSOUNDPC-CLR.DGN
PORTCHARLOTTELNNV.DGN
14-116-C-ES-BNDR.DGN
14-116-VHS14.DGN
File name:

CHARLOTTE HARBOR- BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT
UNCONTROLLED CENTERLINE

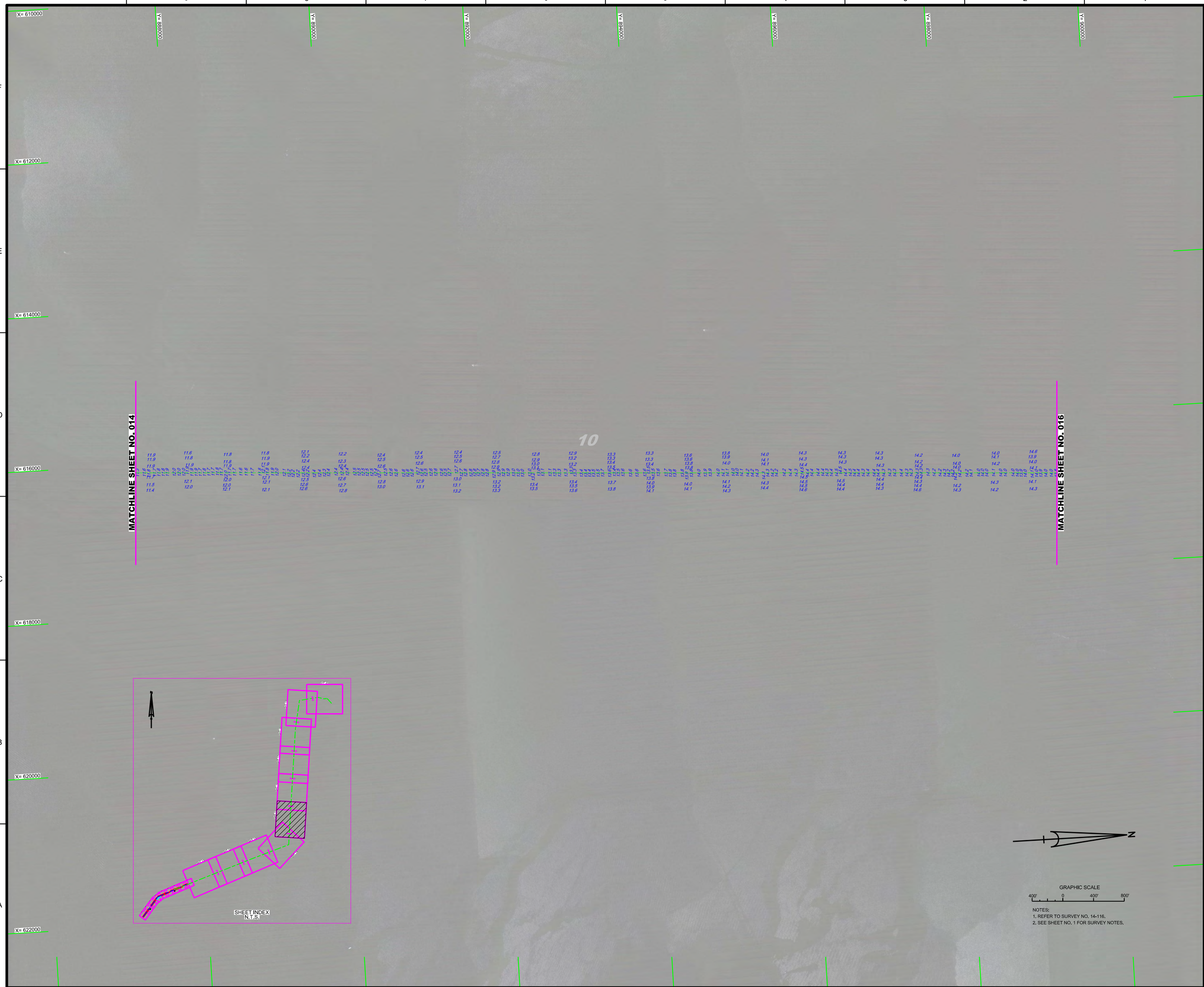
PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 20



NOTES:
1. REFER TO SURVEY NO. 14-116.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

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DWN by: VIRM
Chkd by: GR
Rev. No.
Date: DD MMM YYYY

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PORTCHARLOTTELNNW.DGN
14-116-CHSB-BKDR.DGN
Reference files:

14-116-VH015.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

UNCONTROLLED CENTERLINE

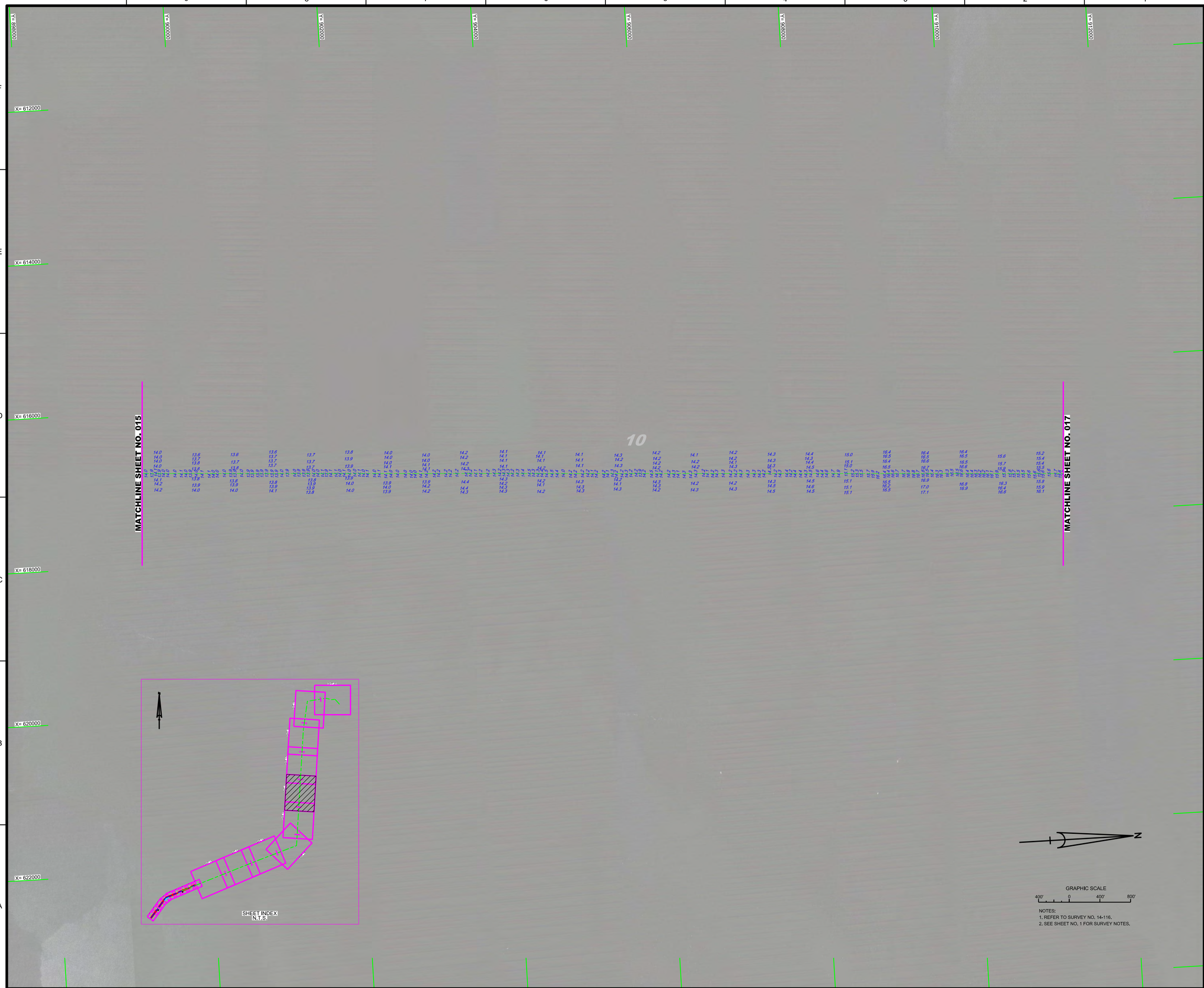
PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 20



NOTES:
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14-116-VASQUN_UCCL.DGN
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14-116-CHSBRDR.DGN
Reference files:
14-116-VH316.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

UNCONTROLLED CENTERLINE

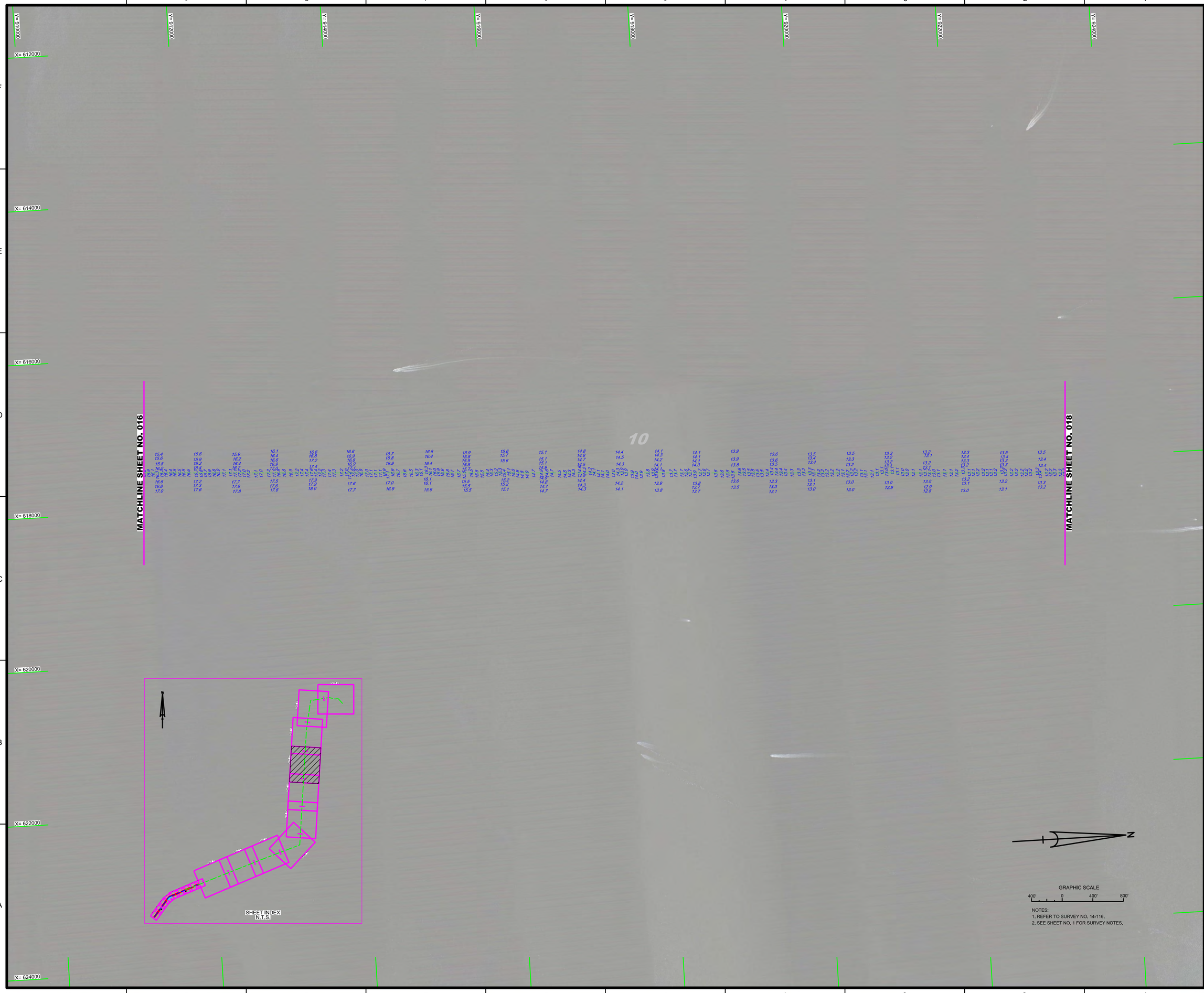
PLAN

Scale: AS SHOWN

Drawing no.

16

SHEET 16 OF 20



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US Army Corps of Engineers
Jacksonville District

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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
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14-116-VASQUN_UCC-LI.DGN
PORTCHARLOTTELINNV.DGN
14-116-C-ESBEDR.DGN
Reference files:

14-116-VH-017.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

UNCONTROLLED CENTERLINE

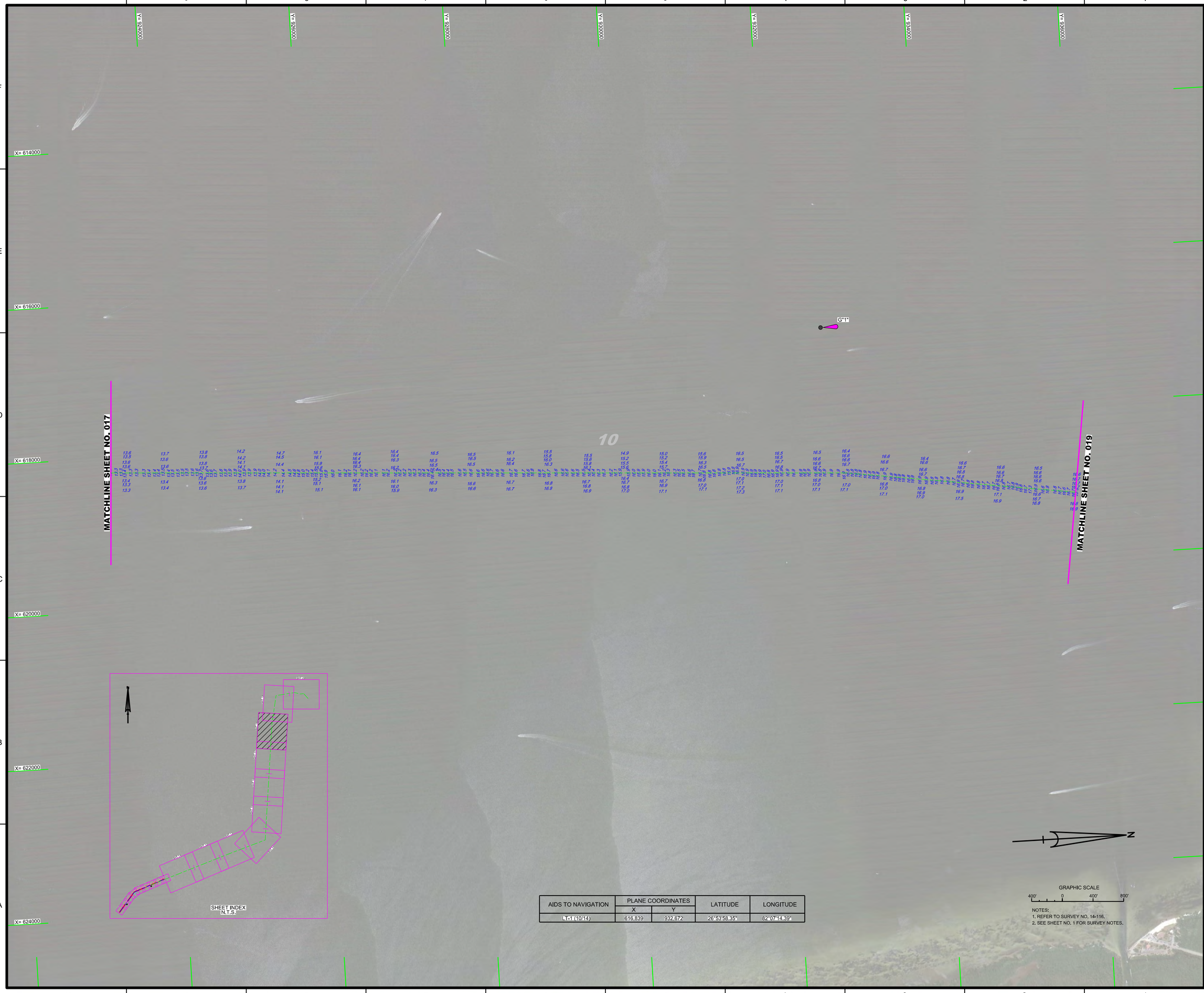
PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (10/14)	616,839	932,672	26°53'58.35"	82°07'14.39"

NOTES:
1. REFER TO SURVEY NO. 14-116.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

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

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DWN by: VIRM
Chkd by: GR
Rev. No.
Date: DD MMM YYYY

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XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
14-116-HVSOUN_UPC-CL.DGN
PORTCHARLOTTELNNN.DGN
14-116-CHSHEIDR.DGN
Reference files:

14-116-VH318.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

UNCONTROLLED CENTERLINE

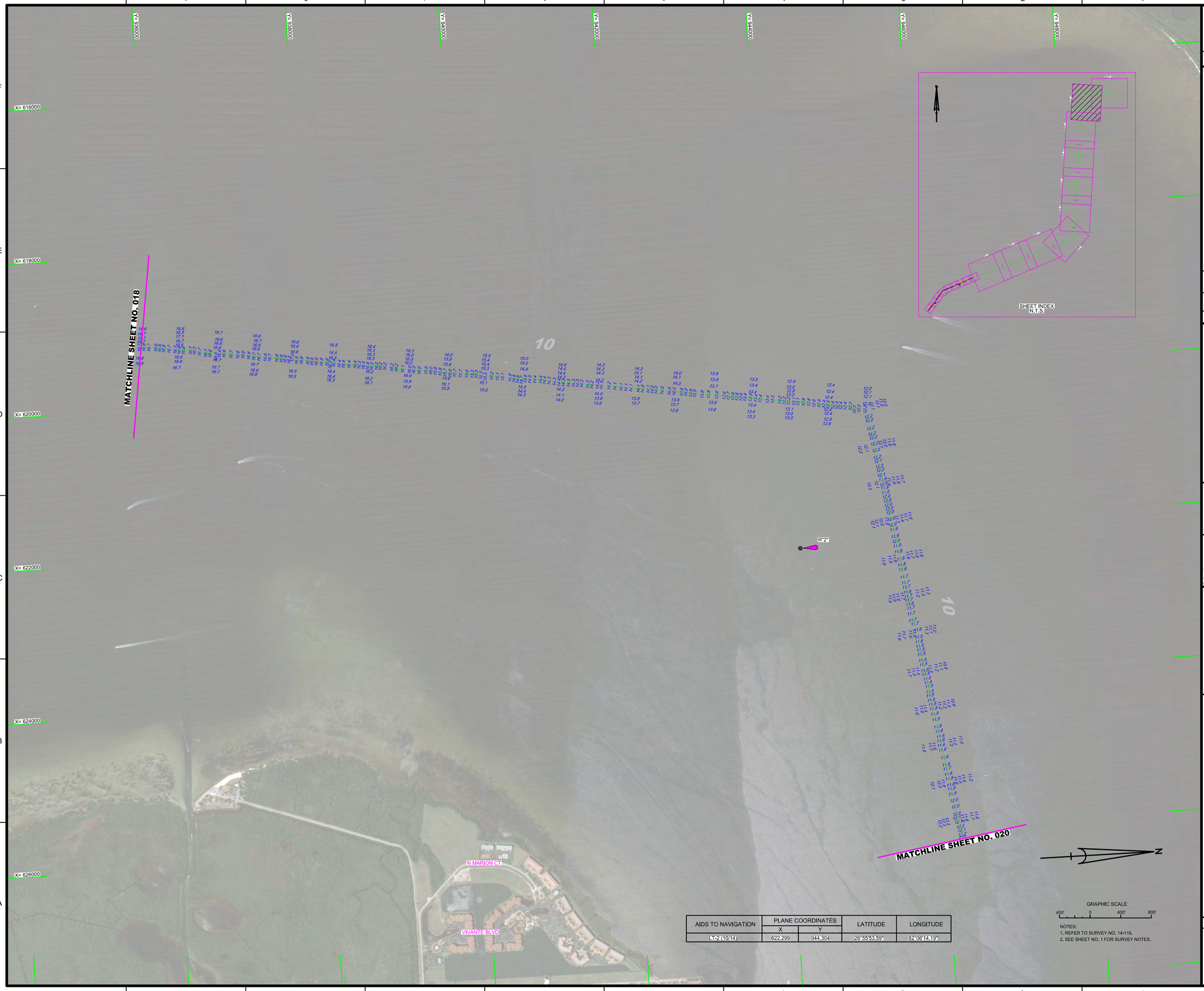
PLAN

Scale: AS SHOWN

Drawing no.

18

SHEET 18 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-2 (10/14)	622,299	944,304	26°55'53.59"	82°06'14.19"

NOTES:
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Cad by: GR
Rev. No.
Date: DD.MMM.YYYY

Reference files:
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
14-116-VLACA-SQUILOCA-L.DGN
PORTCHARLOTTELINNY.DGN
14-116-C-ESHRDR.DGN
Reference files:
14-116-VH-019.DGN
File name:

CHARLOTTE HARBOR- BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
32-FOOT PROJECT

UNCONTROLLED CENTERLINE

PLAN

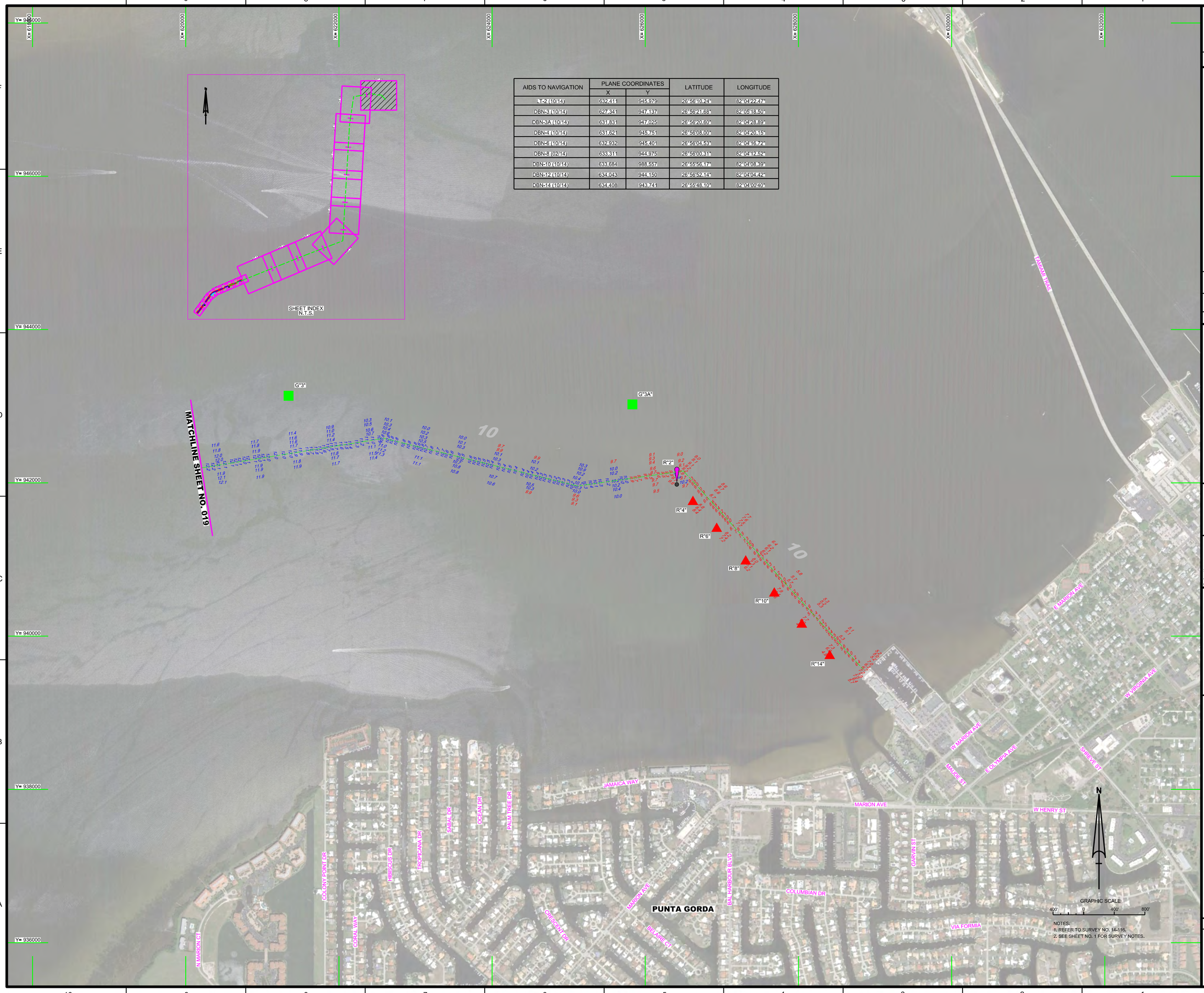
Scale: AS SHOWN

Drawing no.

19

SHEET 19 OF 20

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-2 (10/14)	632,411	945,979	26°56'10.24"	82°04'22.47"
DBN-3 (10/14)	627,341	947,137	26°56'21.68"	82°05'18.50"
DBN-3A (10/14)	631,831	947,025	26°56'20.60"	82°04'28.89"
DBN-4 (10/14)	631,621	945,751	26°56'08.00"	82°04'20.45"
DBN-6 (10/14)	632,932	945,401	26°56'04.53"	82°04'16.72"
DBN-8 (02/14)	633,311	944,975	26°56'00.31"	82°04'12.52"
DBN-10 (10/14)	633,684	988,557	26°55'56.17"	82°04'08.39"
DBN-12 (10/14)	634,043	944,150	26°55'52.14"	82°04'04.42"
DBN-14 (10/14)	634,408	943,741	26°55'48.10"	82°04'00.40"



NOTES:
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JACKSONVILLE, FLORIDA

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XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
14-116-VASOUN_UC-CL.DGN
14-116-VASOUN_UC-CL.DGN
PORTCHARLOTTELNNW.DGN
14-116-CESBORDR.DGN
Reference files:
14-116-VH020.DGN
File name:

CHARLOTTE HARBOR - BOCA GRANDE PASS
CHARLOTTE AND LEE COUNTIES, FLORIDA

HYDROGRAPHIC EXAM SURVEY FY14
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UNCONTROLLED CENTERLINE

PLAN

Scale: AS SHOWN

Drawing no.

20

SHEET 20 OF 20