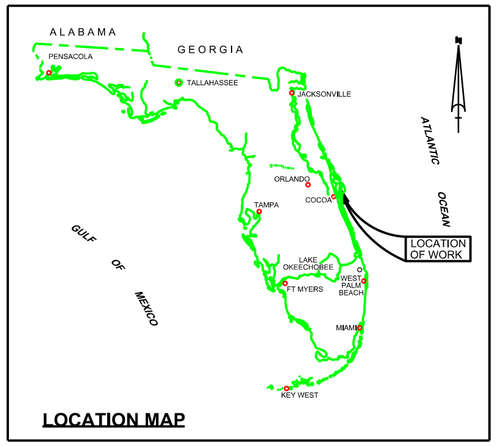
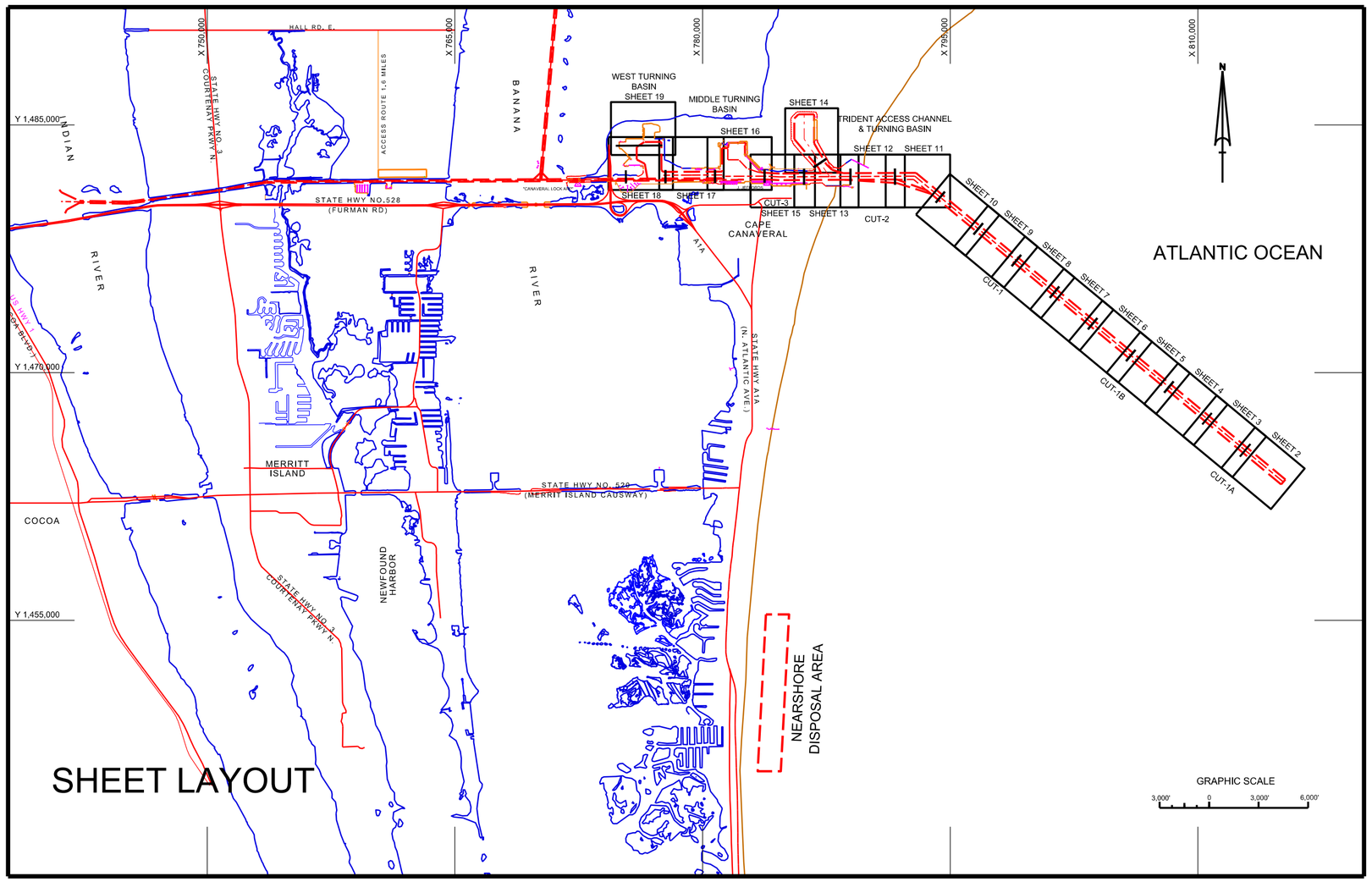
CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA
1st QUARTERLY FY14
EXAMINATION SURVEY



LOCATION MAP



SURVEY NOTES

1. REFER TO SURVEY NO. 14-027.
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: "PORTCANAVERAL-ONLY-06JULY2010.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 EAST 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 KINEMATIC GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

   "REFERENCE BASE LOCATED AT "CANAVERAL LOCK ARP" (OPUS PID: BBCV67)

   "TIDE STAFF LOCATED FROM "JEFFORDS" (PID: BBCQ55)

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 GAGE SITES SPECIFIED BELOW:

   NOAA TIDAL STATION 872-1604 USED FOR ALL CUTS.

   VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER SINGLE-BEAM TRANSDUCER OPERATING AT 28/200 KHZ AND A R2 SONIC 2024 MULTI-BEAM TRANSDUCER OPERATING AT 240 KHZ. HIGH FREQUENCY SOUNDINGS ARE SHOWN FOR CUT-1A, CUT-A, AND THE WEST TURNING BASIN. ALL OTHER CUTS ARE SHOWN IN LOW FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
S/V FLORIDA II	04 DEC 2013	CUT-1A
S/V FLORIDA II	05 DEC 2013	CUT-1B, CUT-1 STA. 0+00 - 90+00
S/V FLORIDA II	06 DEC 2013	CUT-1 STA. 91+00 - 127+00
SB-36	10 DEC 2013	CUT-2 STA. 123+00 - 181+58
SB-36	11 DEC 2013	TAC, TTB, CUT-2 STA. 182+00 - 206+00, CUT-3 STA. 207+00 - 215.02
SB-36	12 DEC 2013	MTB, POSEIDON WHARF
SB-36	17 DEC 2013	WEST TURNING BASIN, CUT-A
SB-36	18 DEC 2013	WEST ACCESS CH.

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 AND IS NOT TO BE USED FOR NAVIGATION.
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, 1 JAN 02.

LEGEND
MONUMENT
LIGHTED BEACON
GREEN DAYBEACON
RED DAYBEACON
RED LIGHTED BUOY
GREEN LIGHTED BUOY
CAN BUOY
NUN BUOY
TIDE STAFF
PROJECT DEPTH

No.	Symbol	Zone	Description
N	△	A-N	ABCD

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

Drafted by: VRM
Chk'd by: GR
DWN by: VRM
Trv. No.: ---
Date: DEC 2013

1-027-CAB-SPECS.DGN
CAN-FORCE-SPECS.DGN
CANHBR-V-SPMCCF.DGN
CHLAYOUT83.DGN
Reference files:
14-027-VH-001.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

31, 35, 39, 41, 40 & 44-FOOT PROJECT

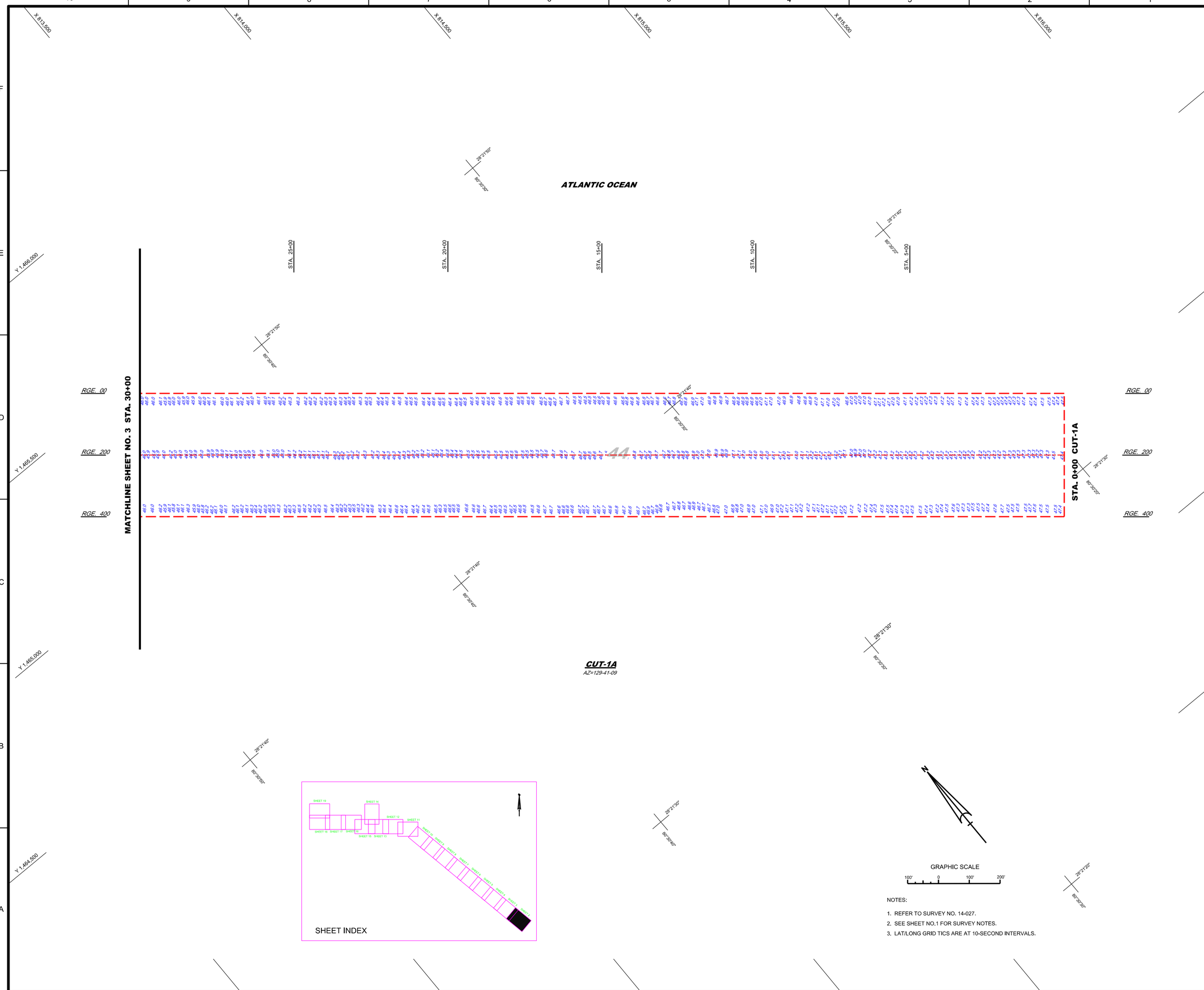
COVER SHEET
PLAN

Scale: AS SHOWN

Drawing no.

1

SHEET 1 OF 19



NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
N		A-N	ABCD

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

Designed by: WRM
Drawn by: WRM
Checked by: GR
Rev. No. - - -
Date: DEC 2013

14-027-2-JB-BRDR.DGN
CANAVERAL HARBOR-V-SPMCCF.DGN
CHILLTICS.DGN
14-027-VV-SOUN_C1A_LL_HF.DGN

Reference files:
14-027-VH-002.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

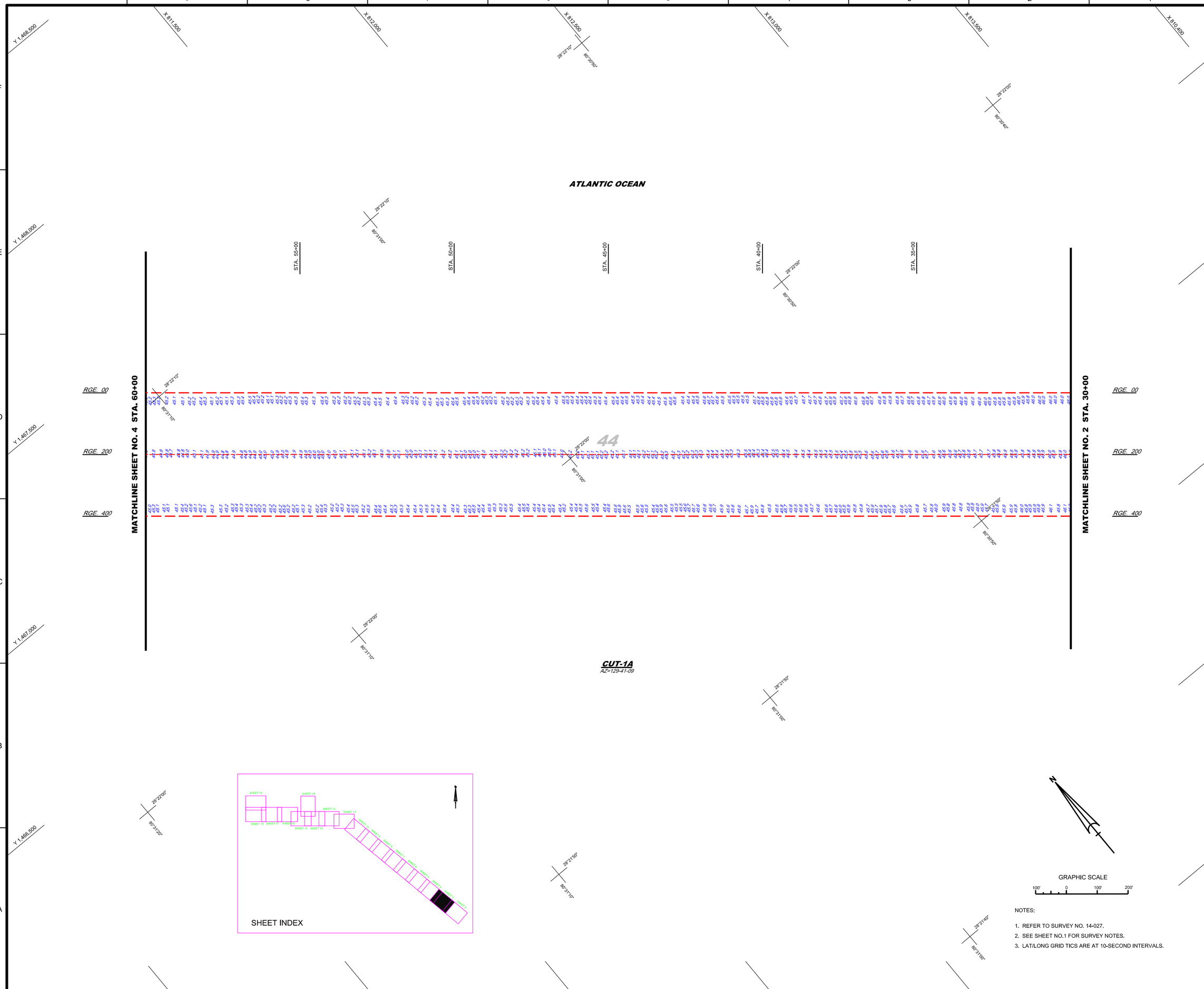
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 0+00 THRU 30+00 CUT - 1A
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 2 OF 19



NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
N		A-N	ABCD

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

Drafted by: WRM
Designed by: WRM
Cad by: GR
Rev. No. - - -
Date: DEC 2013

14-027-C-S-S-BRDR.DGN
CANAVERAL HARBOR-VH-SPMCOF.DGN
CHLLTICS.DGN
14-027-V-SOUN_C1A_LL_HF.DGN

Reference files:

14-027-VH-003.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

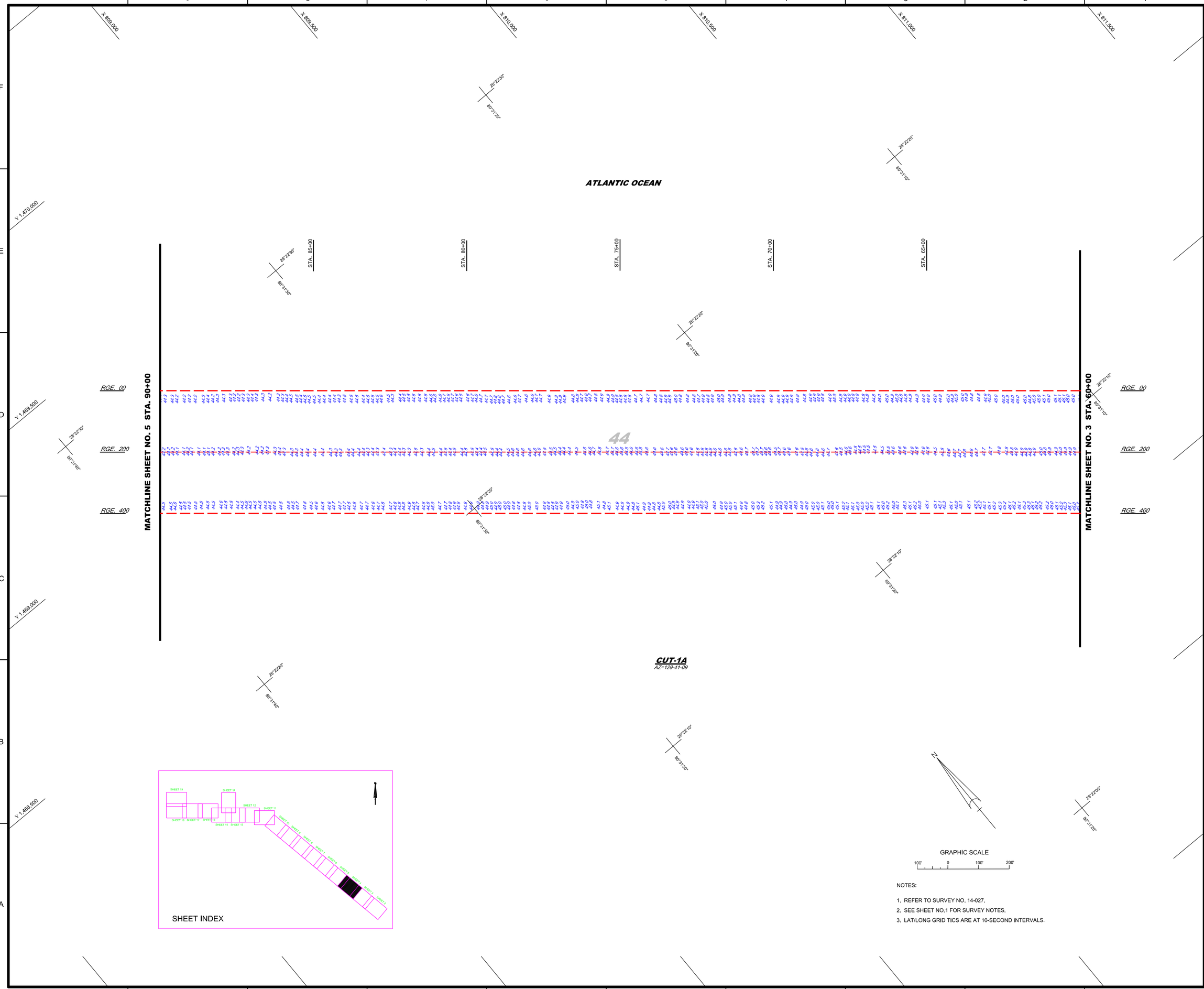
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 30+00 THRU 60+00 CUT - 1A
PLAN

Scale: AS SHOWN

Drawing no.

3

SHEET 3 OF 19



NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
N	△	A-N	ABCD

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

Designed by: WRM
DWN by: WRM
Ckd by: GR
Inv. No. - - -
Date: DEC 2013

14-027-C-SS-RPCP-DGN
CANAVERAL HARBOR-VH-SPMCOF.DGN
CHLLTICS.DGN
14-027-V-SOUN_C1A_LL_HF.DGN

Reference files:
14-027-VH-004.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

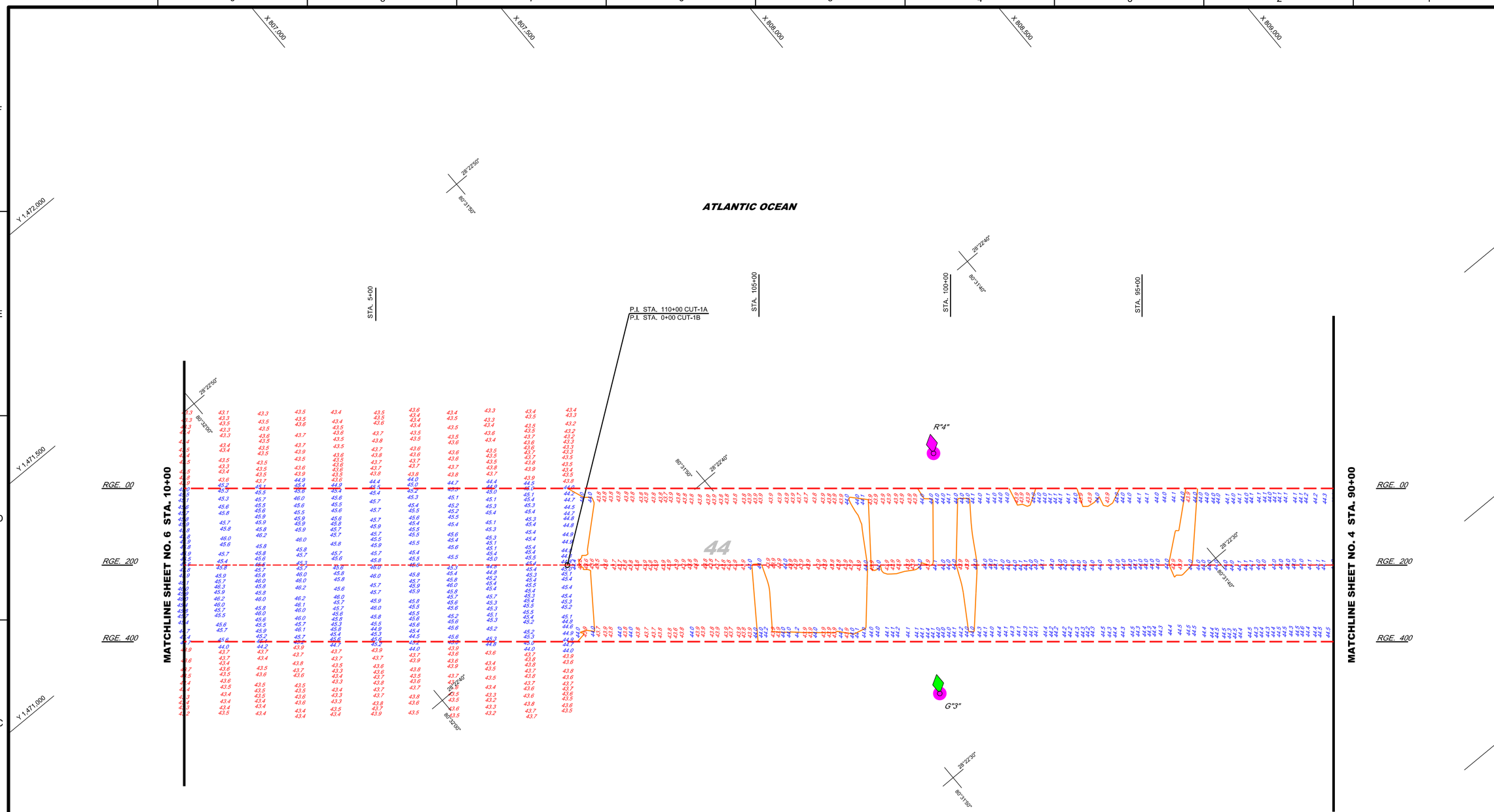
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 60+00 THRU 90+00 CUT - 1A
PLAN

Scale: AS SHOWN

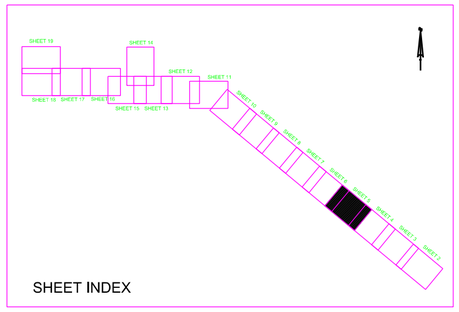
Drawing no.

4

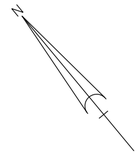
SHEET 4 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (12/13)	807,238	1,469,528	28-22-31.89	80-31-48.71
LT. BUOY-4 (12/13)	807,626	1,470,021	28-22-36.76	80-31-44.34



SHEET INDEX



GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
N		A-N	ABCD

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

Designed by: WRM
Dwn by: WRM
Ckd by: GR
Inv. No. - - -
Date: DEC 2013

14-027-CS-SS-BRDS.DGN
CANAVERAL HARBOR-V-SPM/COF.DGN
CHILLTICS.DGN
14-027A-V-SOUN_C1B_XS_LF.DGN
14-027A-V-SOUN_C1B_PA_LL_HF.DGN
14-027A-V-NAV.DGN
14-027-V-CON44.DGN

Reference files:

14-027-VH-005.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

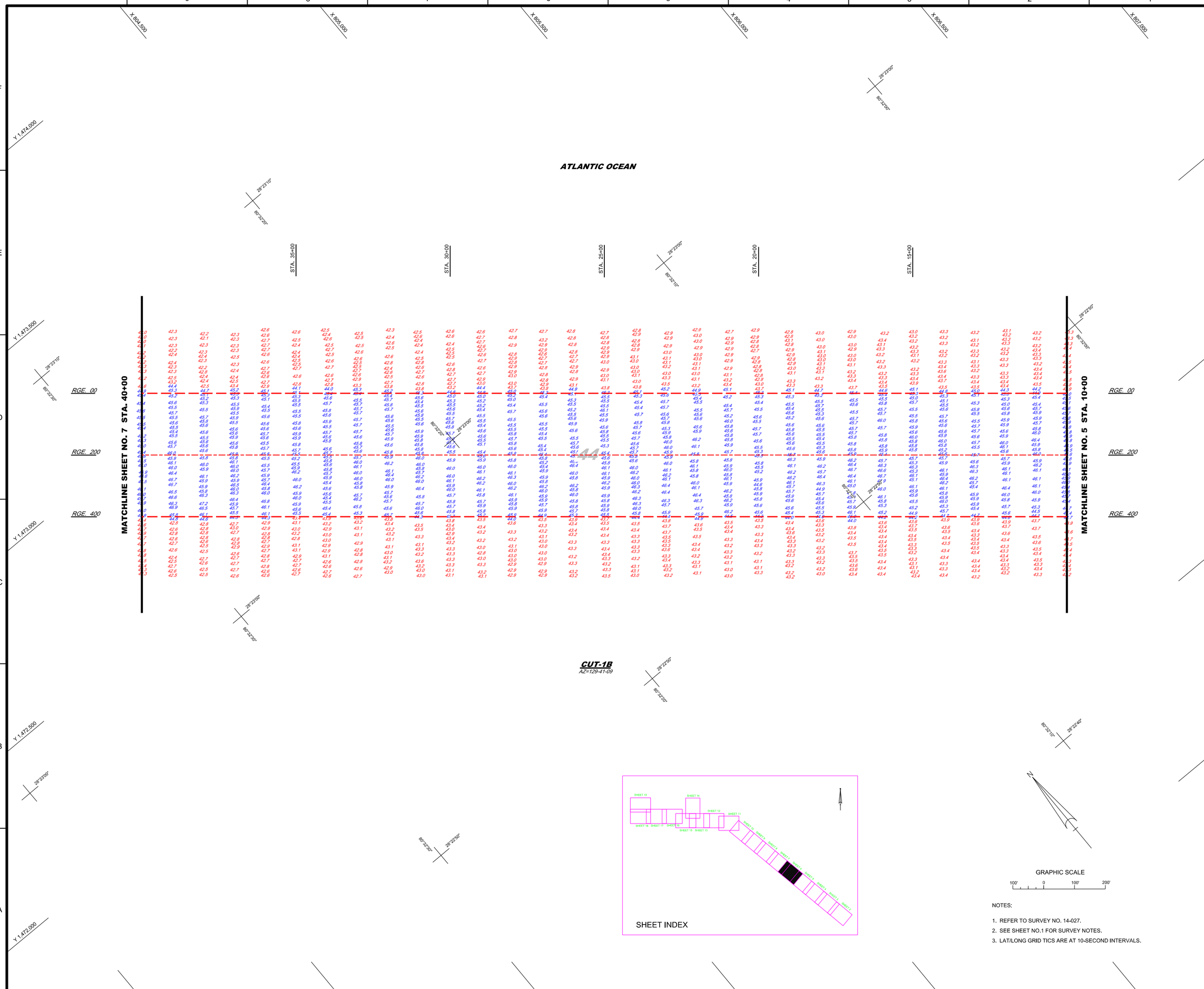
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 90+00 CUT - 1A THRU STA. 10+00 CUT - 1B
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 5 OF 19



NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
		A-N	ABCD

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

Drafted by: VRM
Chk by: GR
DWN by: VRM
Trc. No.: ---
Date: DEC 2013

14-027-CAB-BRDR.DGN
CANAVERAL HARBOR-V-SPMCCF.DGN
CHLTTICS.DGN
14-027-V-SOUN_C1B_XS_LF.DGN

Reference files:

14-027-VH-006.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

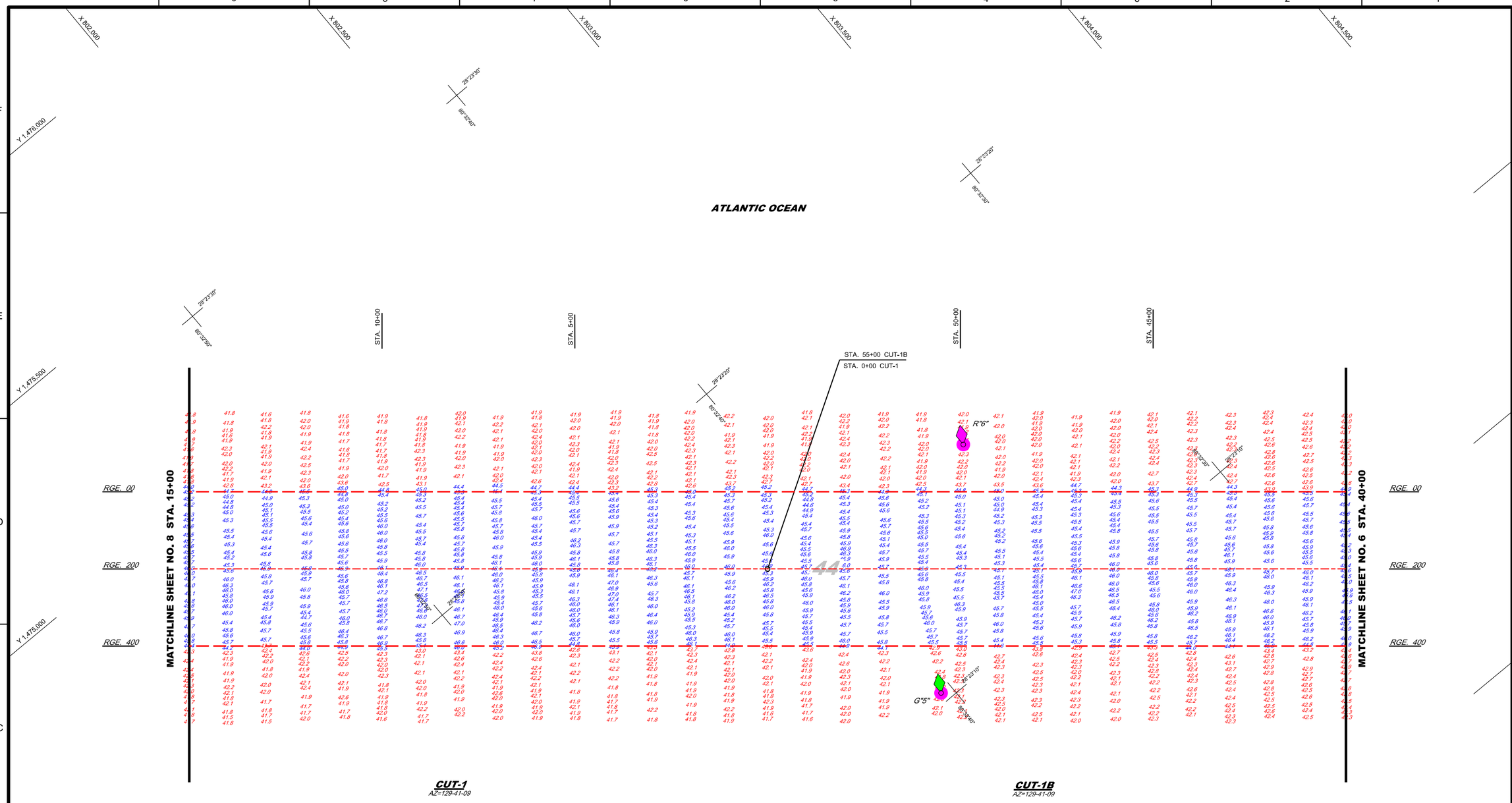
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 10+00 THRU STA. 40+00 CUT - 1B
PLAN

Scale: AS SHOWN

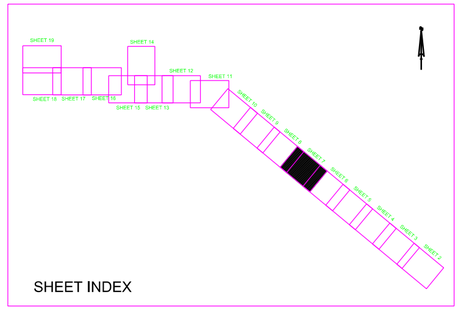
Drawing no.

6

SHEET 6 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5 (12/13)	802,612	1,473,384	28-23-10.25	80-32-40.33
LT. BUOY-6 (12/13)	803,068	1,473,843	28-23-14.77	80-32-35.20



SHEET INDEX

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
		A-N	ABCD

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

Designed by: VRM
Drawn by: WRM
Checked by: GR
Inv. No. - - -
Dates: DEC 2013

14-027-CE-SE-BRDR.DGN
CANAVERAL HARBOR-SPMCCF.DGN
CHLTTICS.DGN
14-027-X-SOUN_C1B_XS_LF.DGN
14-027-X-SOUN_C1_XS_LF.DGN
14-027-VAN1.DGN

Reference files:

14-027-VH-007.DGN
File names:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

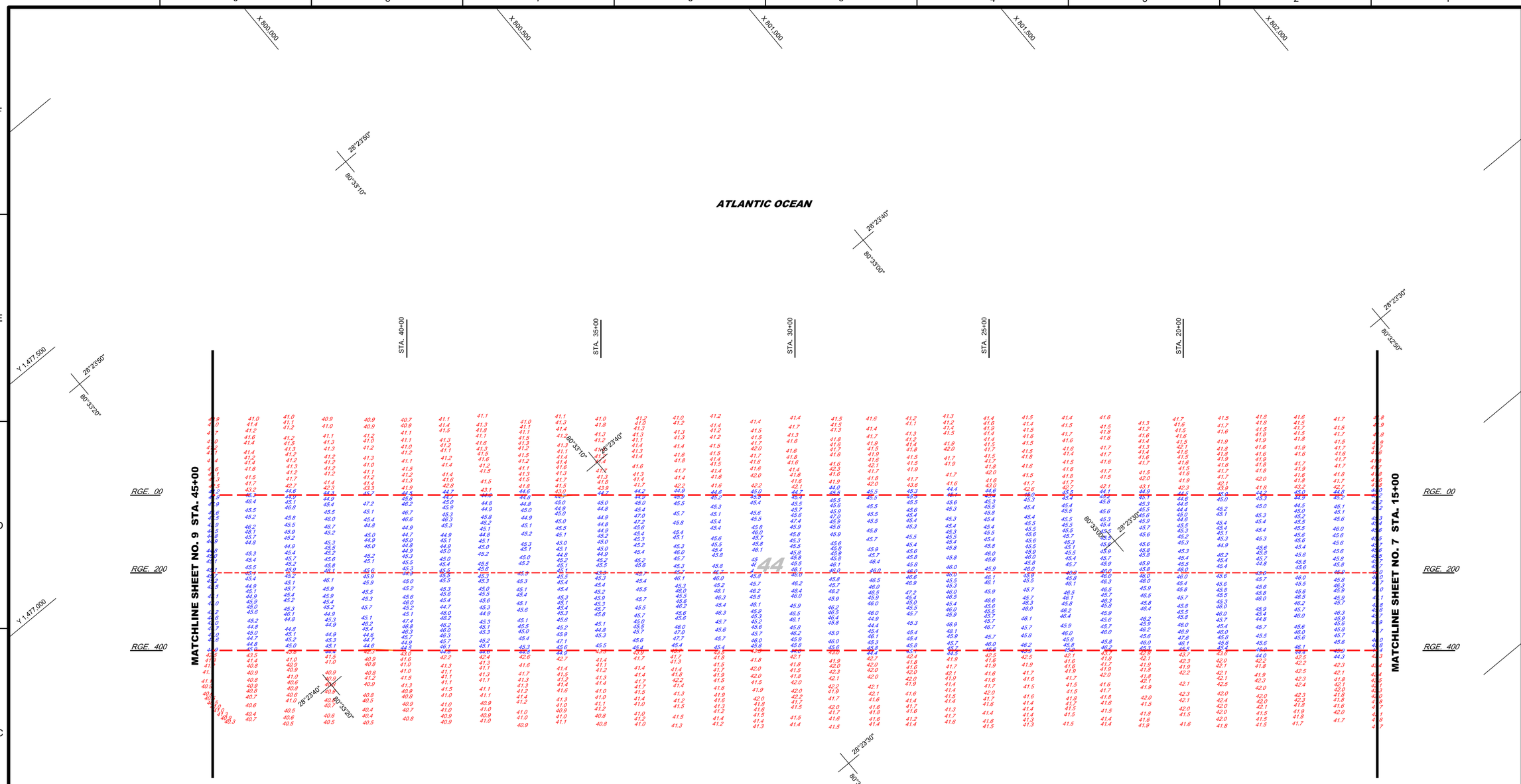
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 40+00 CUT - 1B THRU STA. 15+00 CUT - 1
PLAN

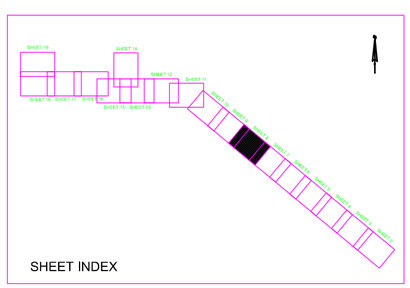
Scale: AS SHOWN

Drawing no.

7

SHEET 7 OF 19





SHEET INDEX

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
N		A-N	ABCD

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

Designed by: WRM
Dwn by: WRM
Ckd by: GR
Inv. No. - -
Date: DEC 2013

14-027-C-SS-BRDG.DGN
CANAVERAL HARBOR-V-SPMCOF.DGN
CHILLTICS.DGN
14-027-V-SOUN_C1_XS_LF.DGN
14-027-V-CON4.DGN

Reference files:
14-027-VH-008.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

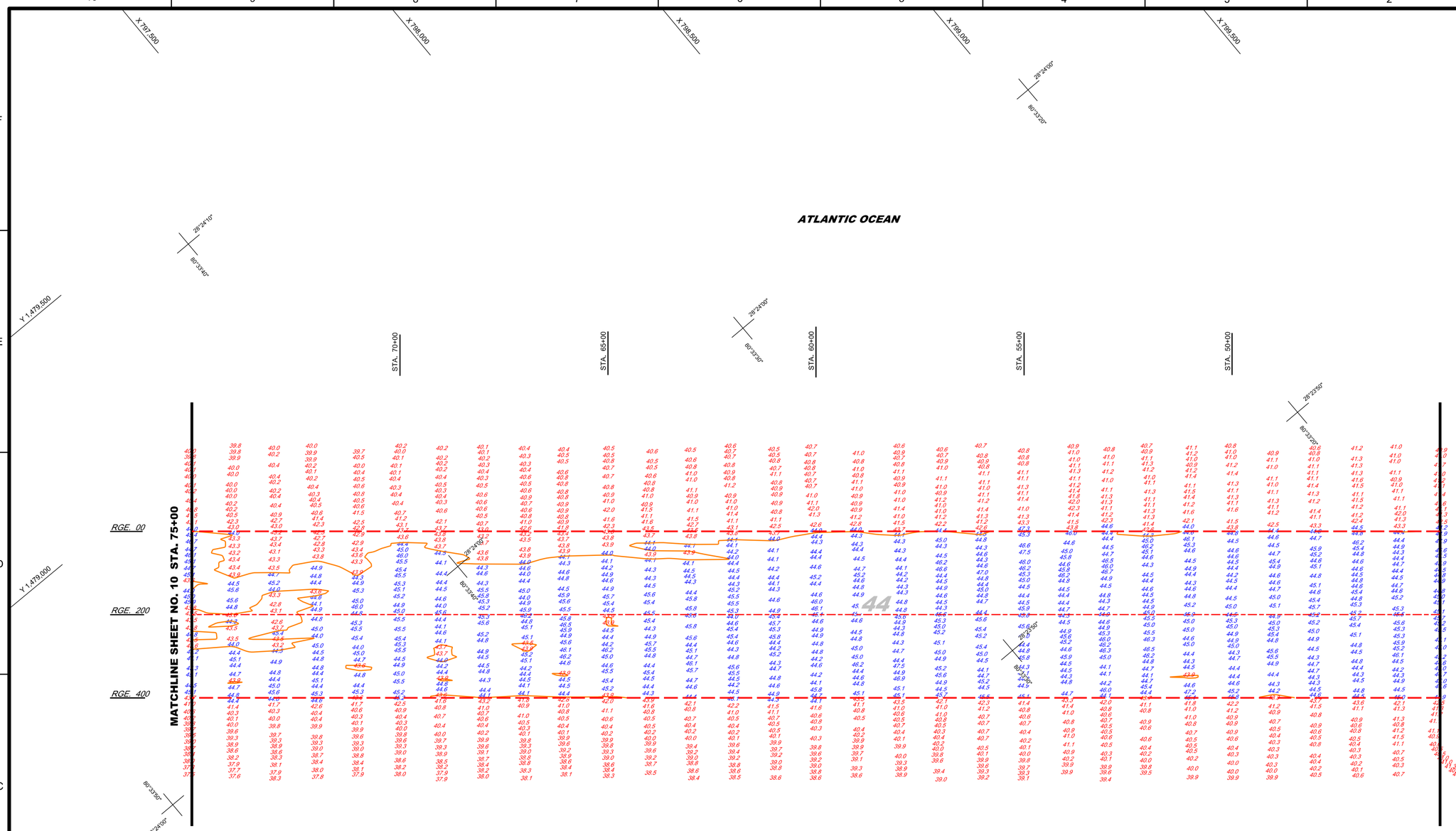
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 15+00 THRU STA. 45+00 CUT - 1
PLAN

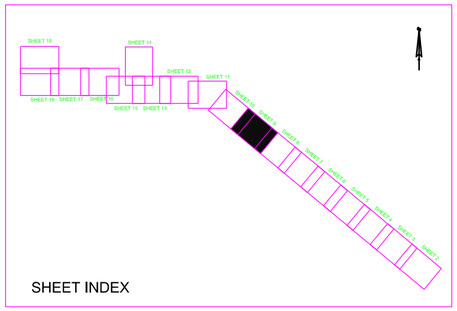
Scale: AS SHOWN

Drawing no.

8

SHEET 8 OF 19





SHEET INDEX

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
		A-N	ABCD

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

Drafted by: VRM
Chk by: GR
DWN by: VRM
Trv. No.: ---
Dates: DEC 2013

14-027-CAB-SHTRS.DGN
CANAVERAL HARBOR-X-SPMCCF.DGN
CHLLTICS.DGN
14-027-A-SOUN_C1_XS_LF.DGN
14-027-A-CONN4.DGN

Reference files:

14-027-VH-009.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

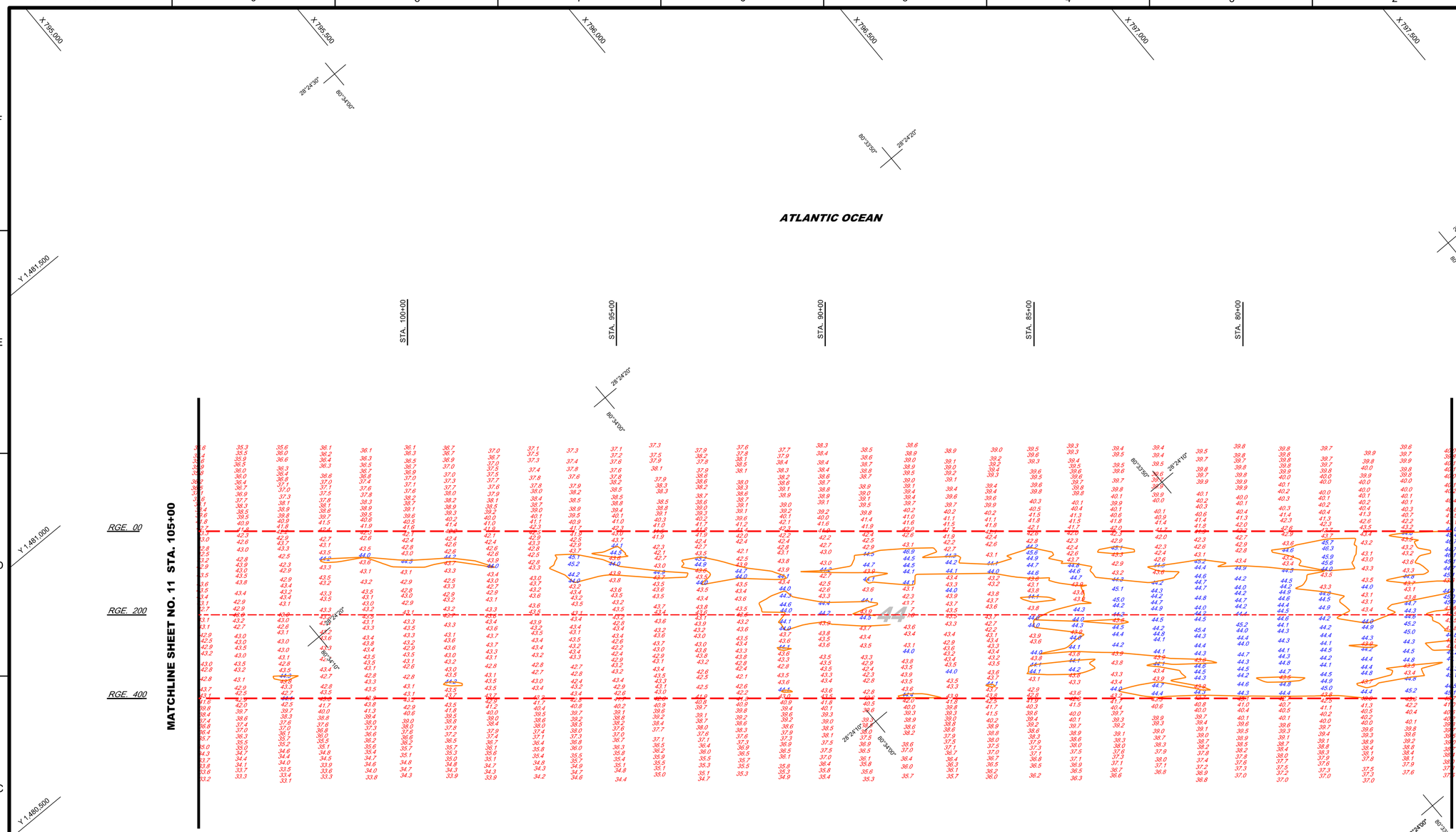
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 45+00 THRU STA. 75+00 CUT - 1
PLAN

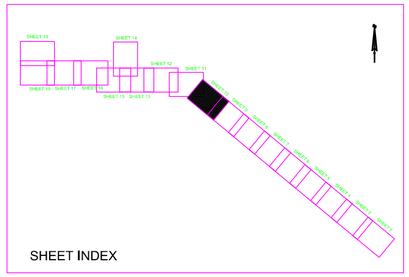
Scale: AS SHOWN

Drawing no.

9

SHEET 9 OF 19





SHEET INDEX

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
		A-N	ABCD

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

Designed by: WRM
Dwn by: WRM
Ckd by: GR
Inv. No. - - -
Date: DEC 2013

14-027-C-SS-BRDR.DGN
CANAVERAL HARBOR-V-SPMCOF.DGN
CHILLTICS.DGN
14-027-V-SOUN_C1_XS_LF.DGN
14-027-V-CON44.DGN

Reference files:
14-027-VH-010.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 75+00 THRU STA. 105+00 CUT - 1
PLAN

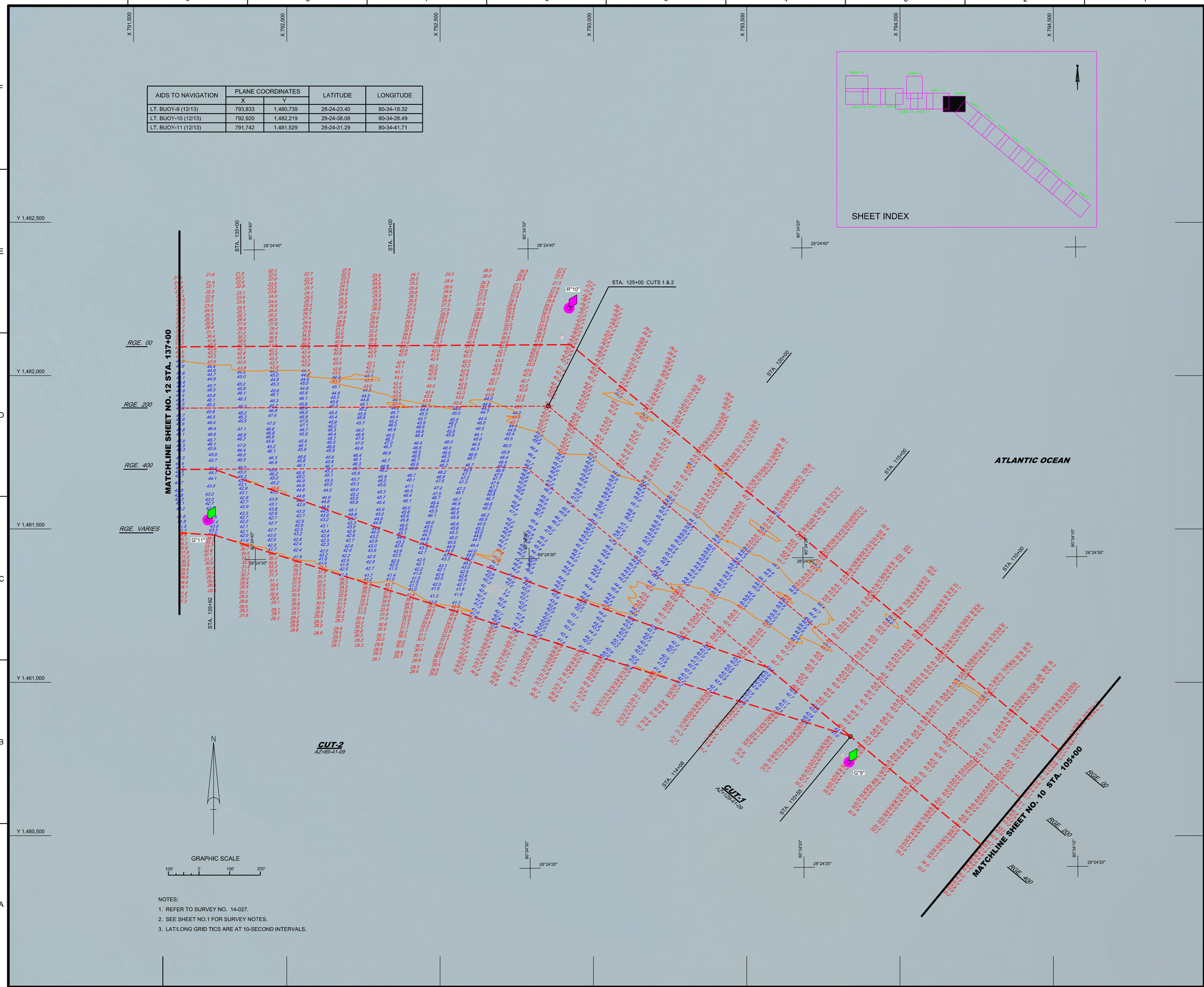
Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 19

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-9 (12/13)	793,833	1,480,739	28-24-23.40	80-34-18.32
LT. BUOY-10 (12/13)	792,920	1,482,219	28-24-38.08	80-34-28.49
LT. BUOY-11 (12/13)	791,742	1,481,529	28-24-31.29	80-34-41.71



NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
		A-N	ABCD

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

Designed by: WRM
DWN by: WRM
Ckd by: GR
Rev. No. - - -
Date: DEC 2013

14-027-C-R-R-BRDG.DGN
CANAVERAL-HARBOR-A-SPMCCF.DGN
CHLLTICS.DGN
14-027-A-SOUN_C1_XS_LF.DGN
14-027-A-SOUN_C1_PROF_LF.DGN
14-027-A-CONA1.DGN
14-027-A-CONA4.DGN
14-027-A-AAV.DGN
Reference files:
14-027-VH011.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

31, 35, 39, 41, 40 & 44-FOOT PROJECT

STA. 105+00 CUT - 1 THRU STA. 137+00 CUT - 2

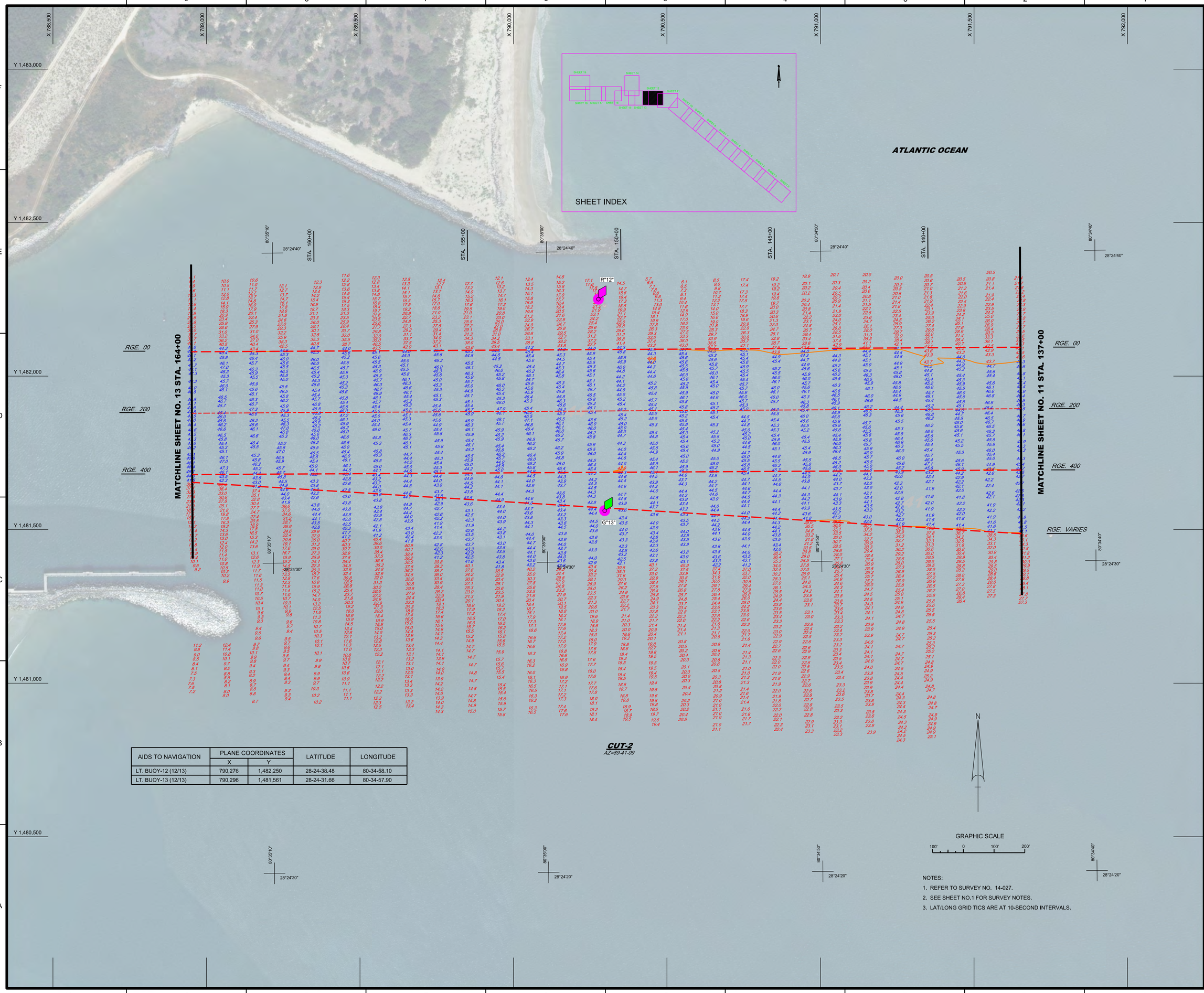
PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-12 (12/13)	790,276	1,482,250	28-24-38.48	80-34-58.10
LT. BUOY-13 (12/13)	790,296	1,481,561	28-24-31.66	80-34-57.90

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
		A-N	ABCD

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

Designed by: WRM
Drawn by: WRM
Checked by: GR
Rev. No. - - -
Date: DEC 2013

14-027-X-SJS-BRDR.DGN
CANAVERAL HARBOR-V-SPMCOF.DGN
CHLLTICS.DGN
14-027-X-SOUN_C2_XS_LF.DGN
14-027-X-CONH1.DGN
14-027-X-CONH2.DGN
14-027-X-NAV.DGN

Reference files

14-027-V-H-012.DGN
File name

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

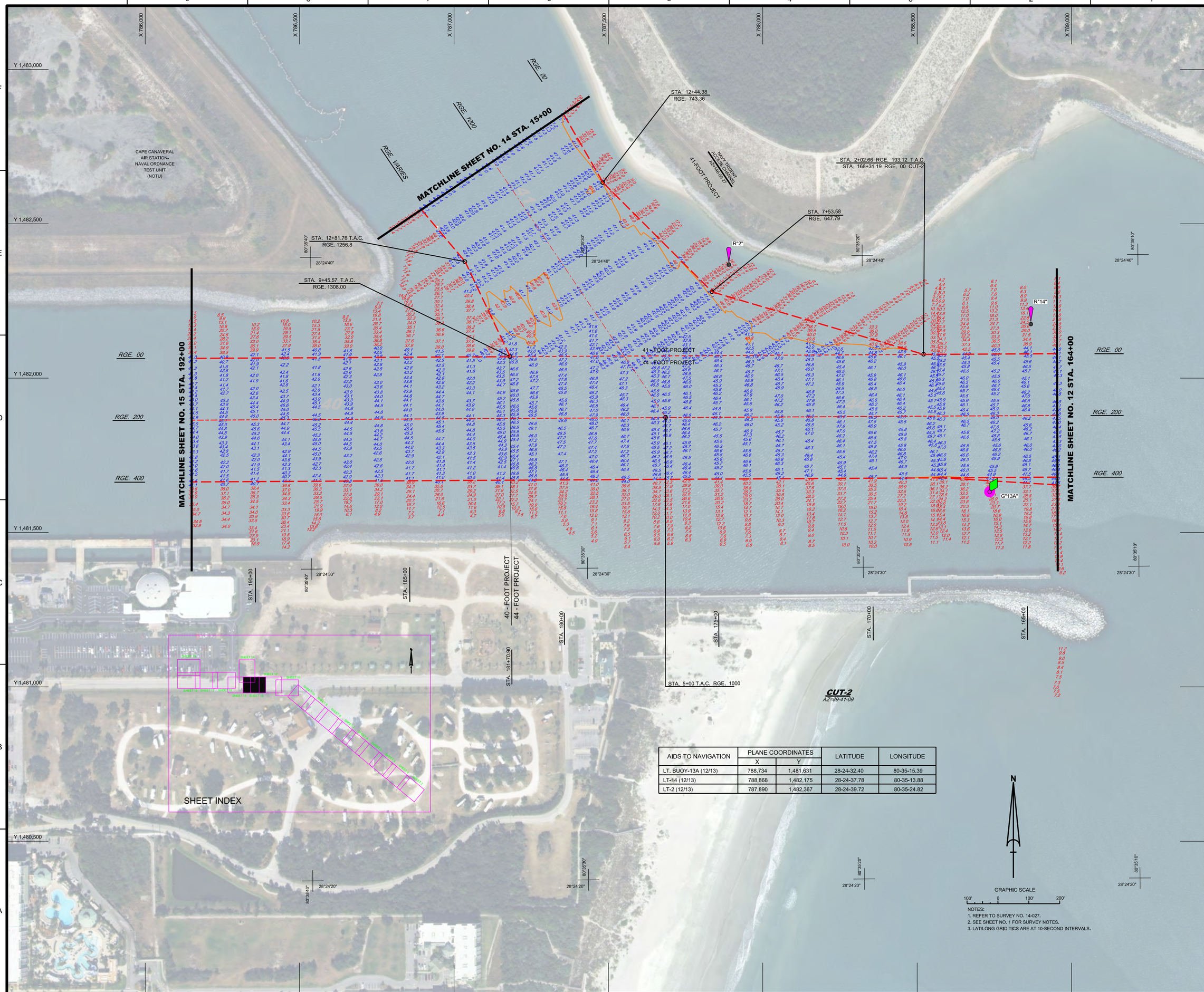
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 137+00 THRU STA. 164+00 CUT - 2
PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-13A (12/13)	788,734	1,481,631	28-24-32.40	80-35-15.39
LT-14 (12/13)	788,868	1,482,175	28-24-37.78	80-35-13.88
LT-2 (12/13)	787,890	1,482,367	28-24-39.72	80-35-24.82

NOTES:
1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
		A-N	ABCD

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

Checked by: GR
Engineered by: WRM
DWN by: WRM
Rev. No.: - - -
Date: DEC 2013

14-027-2-B-PRTB.DGN
CANAVERAL-HARBOR-SPMCCF.DGN
CHLLTICS.DGN
14-027A-SOUN_C2_XS_LF.DGN
14-027A-SOUN_C2_XS_LF.DGN
14-027A-CONTOUR.DGN
14-027A-CONTOUR.DGN
14-027A-CONN4.DGN
14-027A-CONN4.DGN
14-027A-AAV1.DGN
14-027A-AAV1.DGN
Reference files:
14-027-VHF13.DGN
14-027-VHF13.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 164+00 THRU STA. 192+00 CUT - 2
PLAN

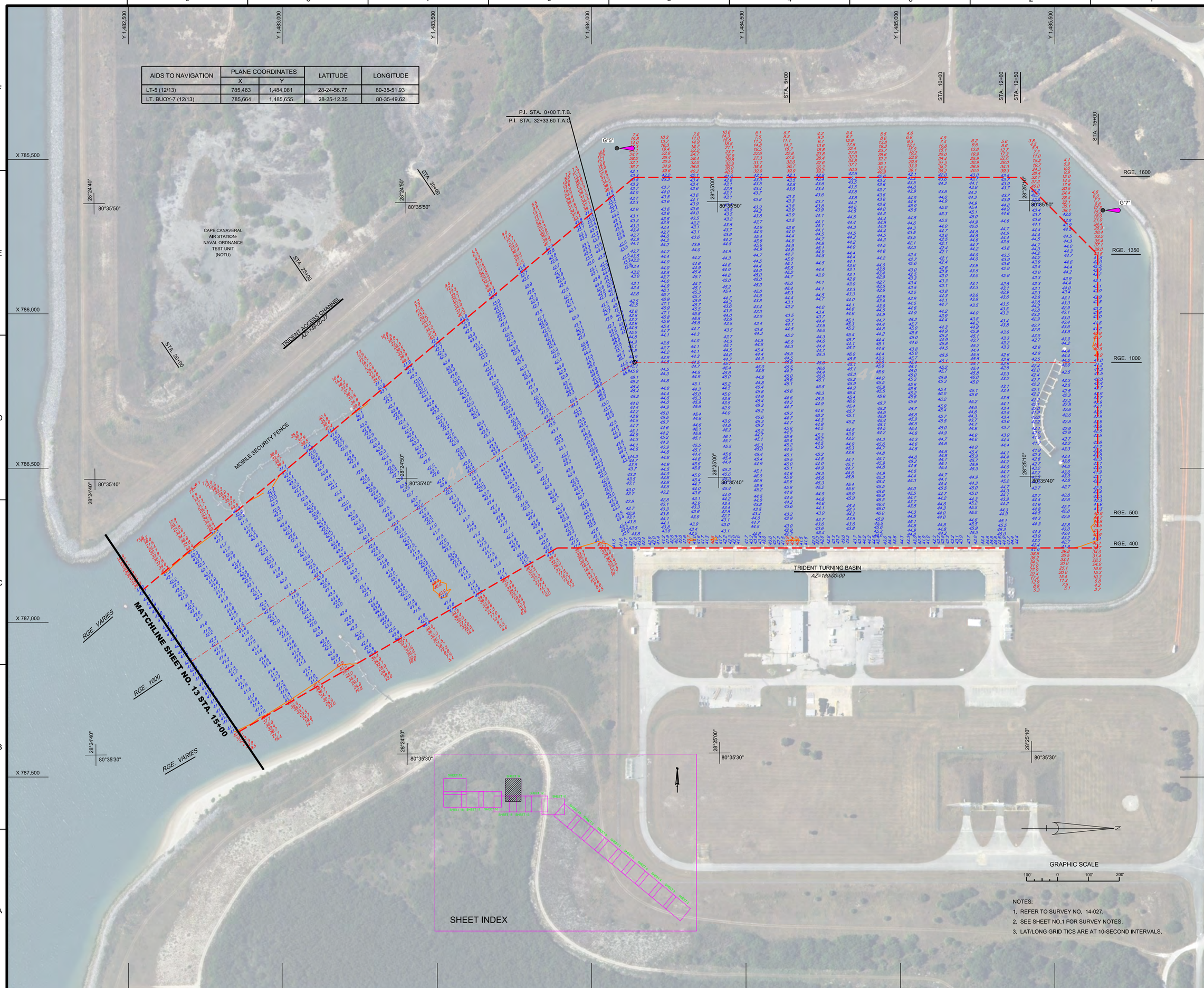
Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 19

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-5 (12/13)	785,463	1,484,081	28-24-56.77	80-35-51.93
LT. BUOY-7 (12/13)	785,664	1,485,655	28-25-12.35	80-35-49.62



NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
		A-N	ABCD

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

Designed by: WRM
DWN by: WRM
Chk'd by: GR
Rev. No.:
Date: DEC 2013

14-027-C-B-SHEETS.DGN
CANAVERAL-HARBOR-V-SPMCCF.DGN
CHILTICS.DGN
14-027-V-SOUN_TAC1_XS_LF.DGN
14-027-V-SOUN_TAC1_LF.DGN
14-027-V-SOUN_TTB_LF.DGN
14-027-V-NAV.DGN
14-027-V-CONT.DGN
Reference files:
14-027-VH-014.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

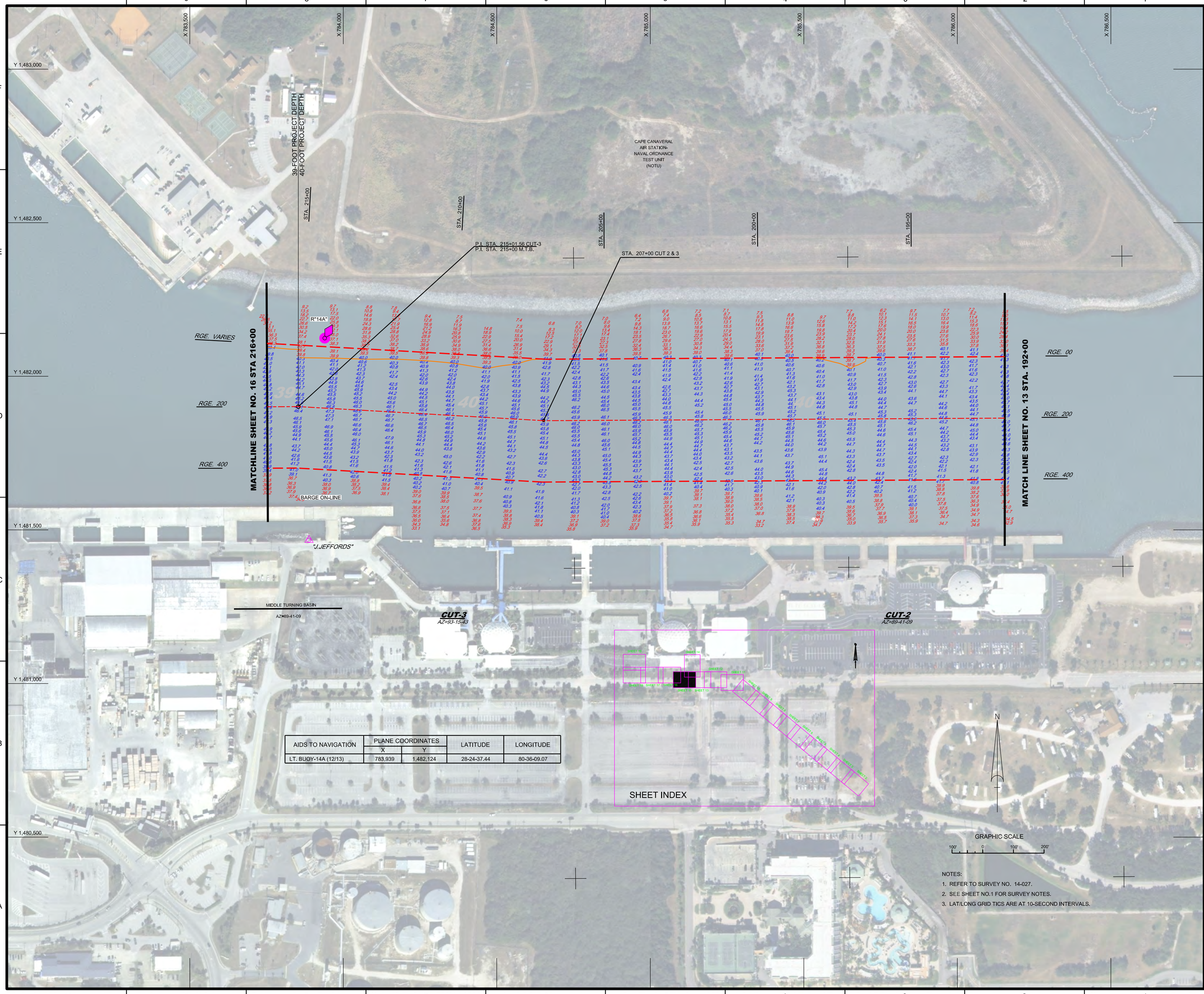
31, 35, 39, 41, 40 & 44-FOOT PROJECT
TRIDENT ACCESS CHANNEL & TURNING BASIN PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-14A (12/13)	783,939	1,482,124	28-24-37.44	80-36-09.07

NOTES:

1. REFER TO SURVEY NO. 14-027.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
		A-N	ABCD

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

Drawn by: GR
Designed by: WRM
DWN by: WRM
Inv. No. - - -
Dates: DEC 2013

1-027-C-SE-BRDR.DGN
CANAVERAL HARBOR-SPMICCF.DGN
CHLLTICS.DGN
14-027-SOUN_C2_XS_LF.DGN
14-027-SOUN_C3_XS_LF.DGN
14-027-SOUN_MTB_XS_LF.DGN
14-027-CON39.DGN
14-027-CON40.DGN
14-027-NAV.DGN
Reference files

14-027-VH-015.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

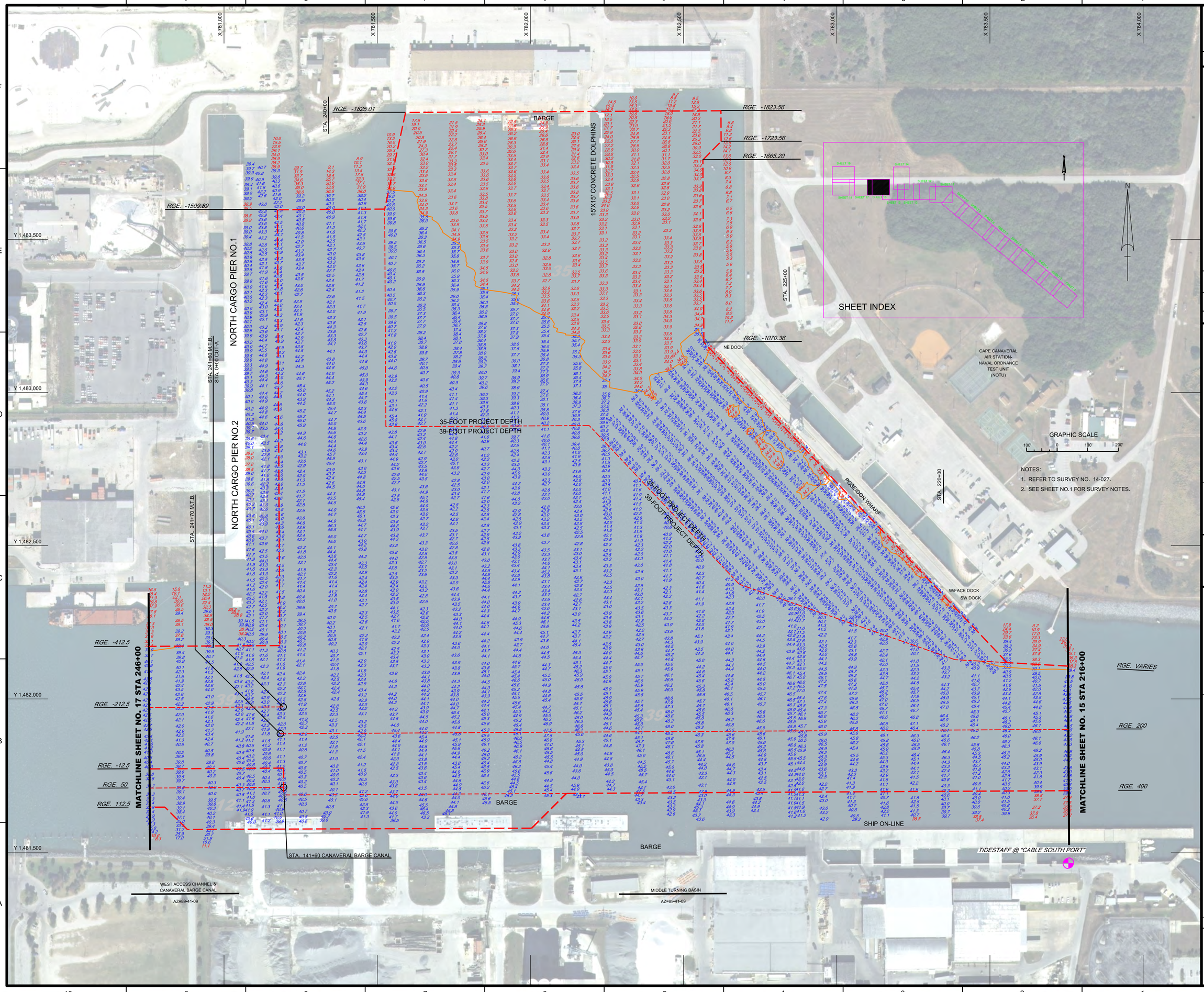
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 192+00 CUT - 2 THRU STA. 216+00 M.T.B.
PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 19



NOTES:

1. REFER TO SURVEY NO. 14-027.
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
N		A-N	ABCD

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

Drawn by: GR
Designed by: WRM
DWN by: WRM
CKD by: WRM
Rev. No.: - - -
Date: DEC 2013

14-027-A-SHEETS.DGN
CANAVERAL-HARBOR-14-SPMCCE.DGN
14-027-A-SOUN_MTB_XS_LF.DGN
14-027-A-SOUN_PDS_ILL_LF.DGN
14-027-A-SOUN_PDS_XS_LF.DGN
14-027-A-CONSLD.DGN
14-027-A-CONSLD.DGN

Reference files:
14-027-VHB016.DGN

File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 216+00 M.T.B. THRU STA. 246+00 W.A.C.
PLAN

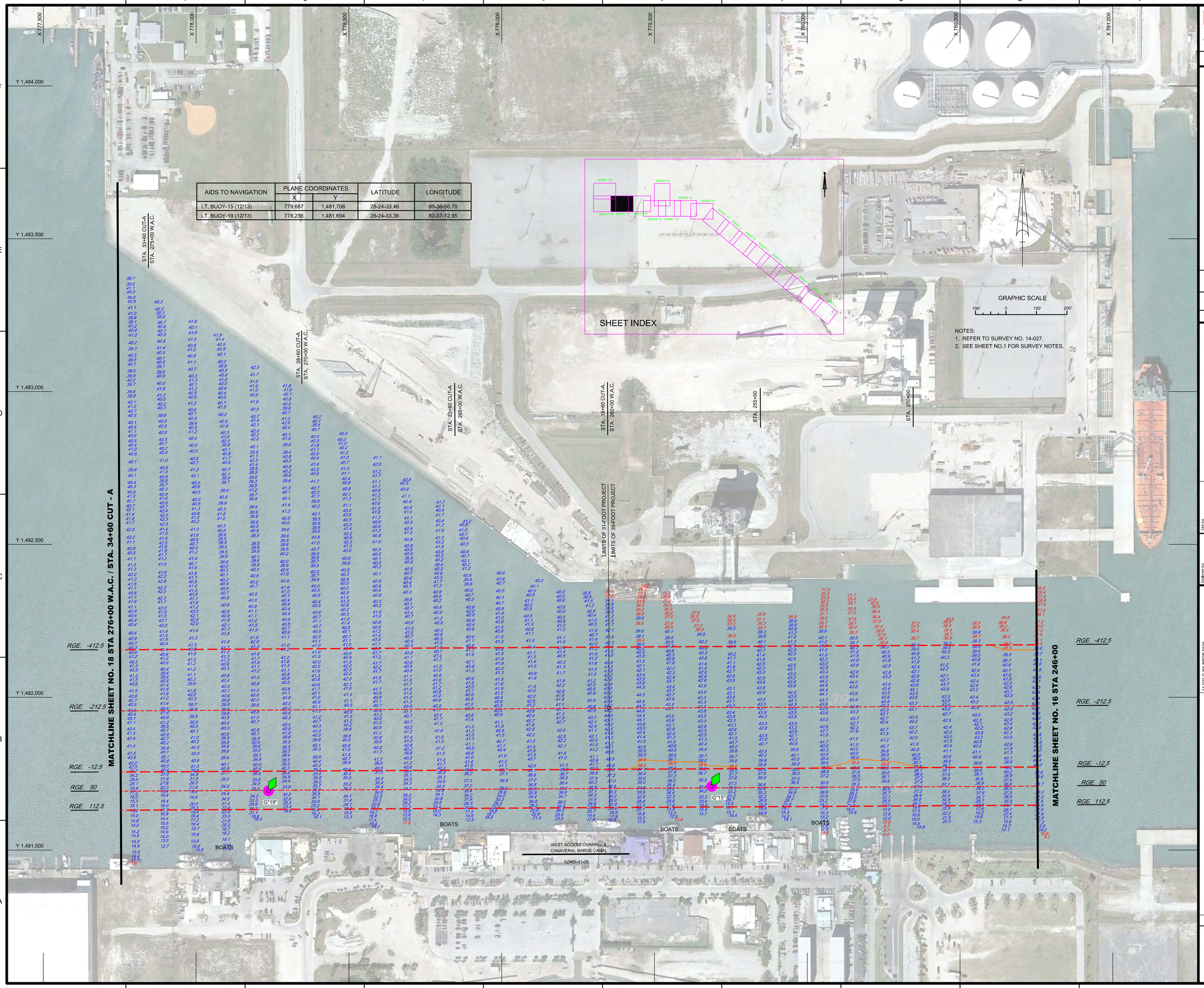
Scale: AS SHOWN

Drawing no.

16

SHEET 16 OF 19

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-15 (12/13)	779,687	1,481,708	28-24-33.46	80-36-56.70
LT. BUOY-19 (12/13)	778,236	1,481,694	28-24-33.36	80-37-12.95



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description
N	A-N	ABCD	

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

Designed by: WRM
Drawn by: WRM
Checked by: GR
Fix. No. ---
Dated: DEC 2013

14-027-C-B-PRZ16.DGN
CANAVERAL-HARBOR-OV-SPMCCF.DGN
14-027-V-SOUN_WAC_XS_LF.DGN
14-027-V-SOUN_CT-A_XS_HF.DGN
14-027-V-SOUN_PLAN.DGN
14-027-V-CON39.DGN

Reference files:
14-027-V-H017.DGN

File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

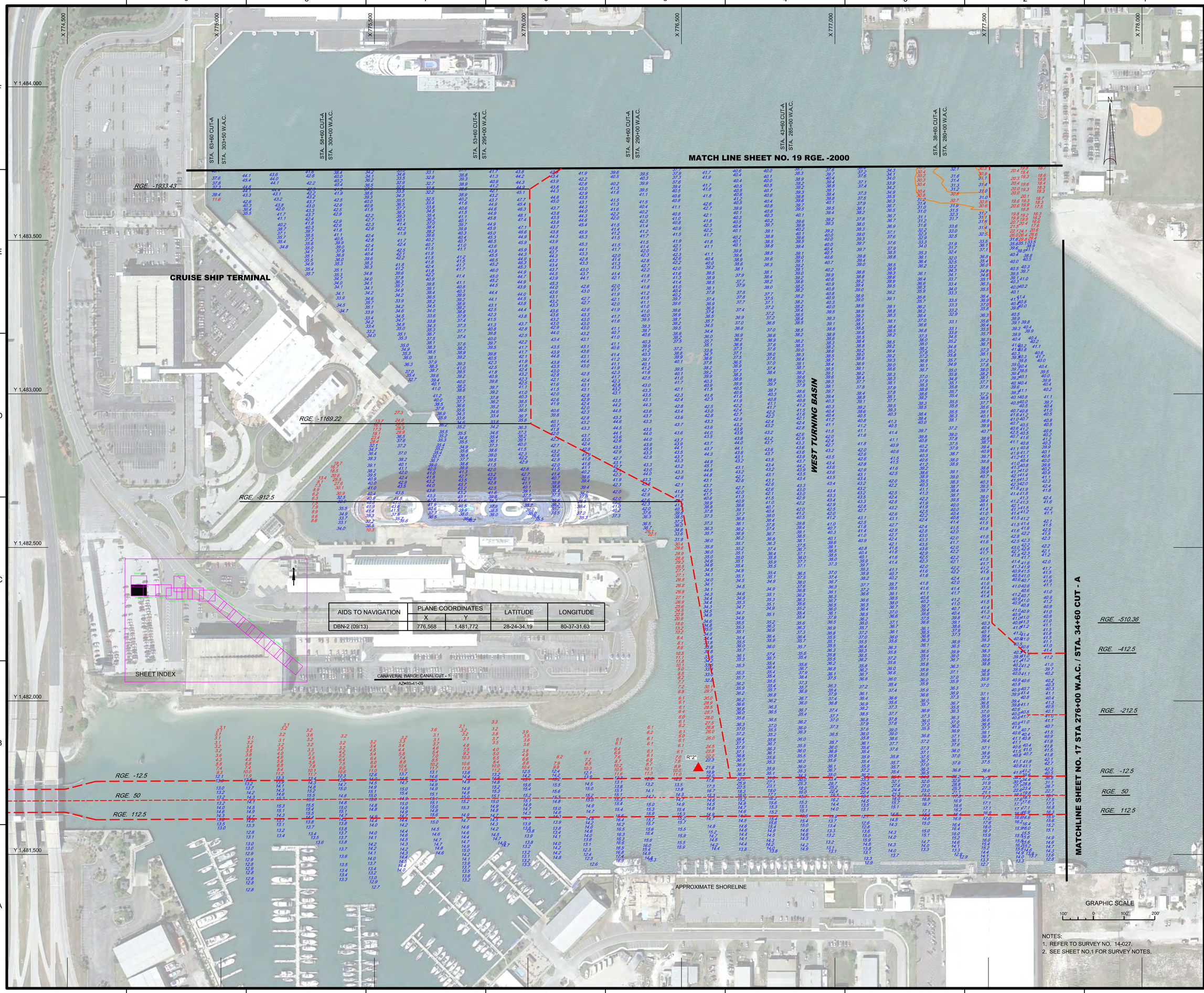
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 246+00 THRU STA. 276+00 W.A.C.
PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-2 (09/13)	776,568	1,481,772	28-24-34.19	80-37-31.63

NOTES:
1. REFER TO SURVEY NO. 14-027.
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
		A-N	ABCD

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

Drafted by: WRM
Cad by: GR
DWN by: WRM
Fin. No. ---
Date: DEC 2013

14-027-JCB-PRZB.DGN
CANAVERAL HARBOR-AV-SPMCCF.DGN
14-027A-SOUN_WTB_XS_HF.DGN
14-027A-SOUN_CTA_XS_HF.DGN
14-027-VERT.DGN
14-027A-NAVI.DGN

Reference files:
14-027-VHz18.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

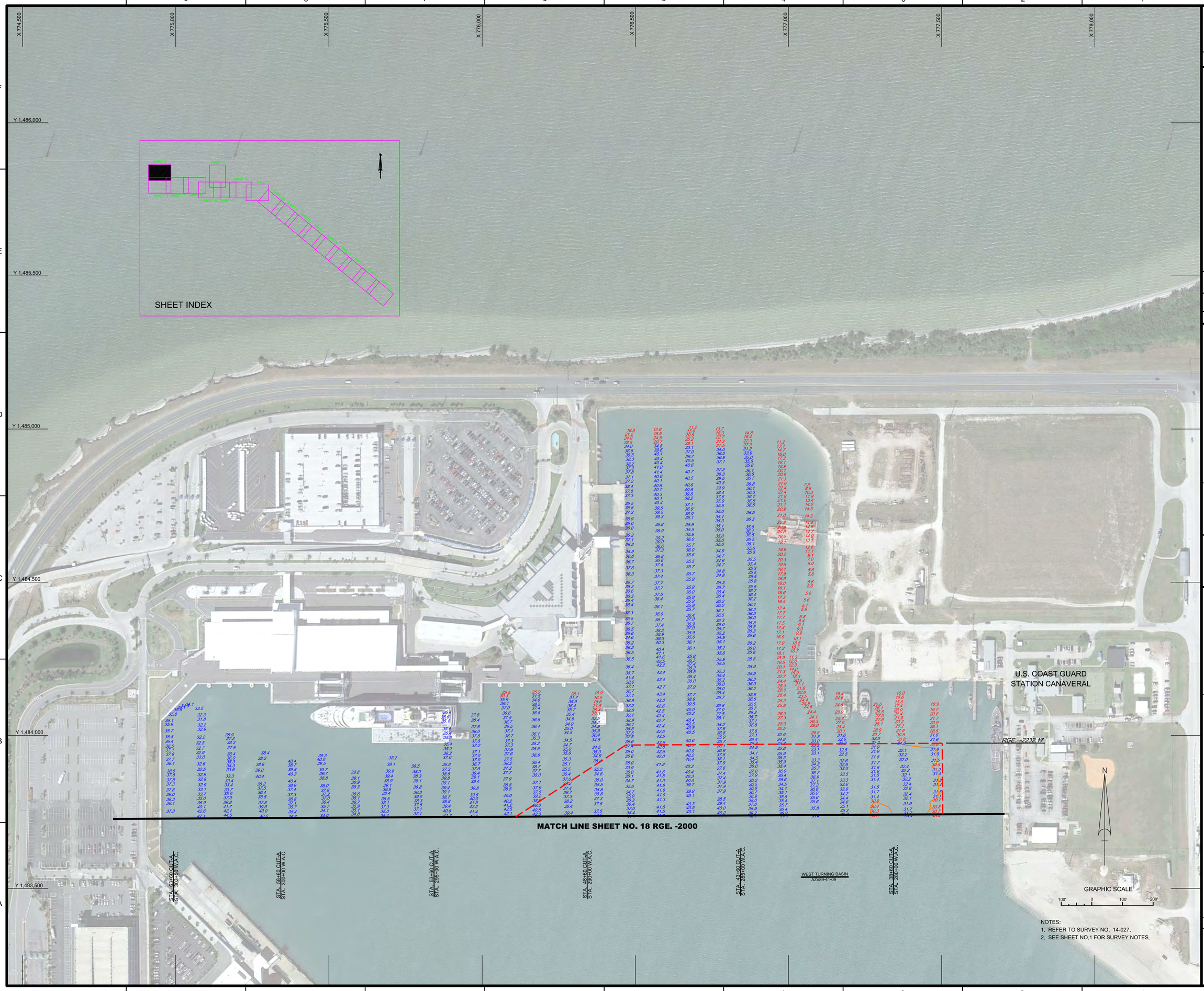
31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 276+00 THRU STA. 306+00 W.A.C.
PLAN

Scale: AS SHOWN

Drawing no.

18

SHEET 18 OF 19



NOTES:
1. REFER TO SURVEY NO. 14-027.
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
N		A-N	ABCD

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

Drawn by: GR
Designed by: WRM
DWN by: WRM
Rev. No. - - -
Date: DEC 2013

14-027-C-SUB-BRDR.DGN
CANAVERAL-HARB-DRA-GPMCCF.DGN
14-027-V-SOUN_WTB_XS_HF.DGN
14-027-V-CON31.DGN

Reference files:

14-027-V-H-019.DGN
File name:

CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA

1st QUARTER EXAMINATION SURVEY FY14

31, 35, 39, 41, 40 & 44-FOOT PROJECT
STA. 276+00 THRU STA. 306+00 W.A.C.
PLAN

Scale: AS SHOWN

Drawing no.

19

SHEET 19 OF 19