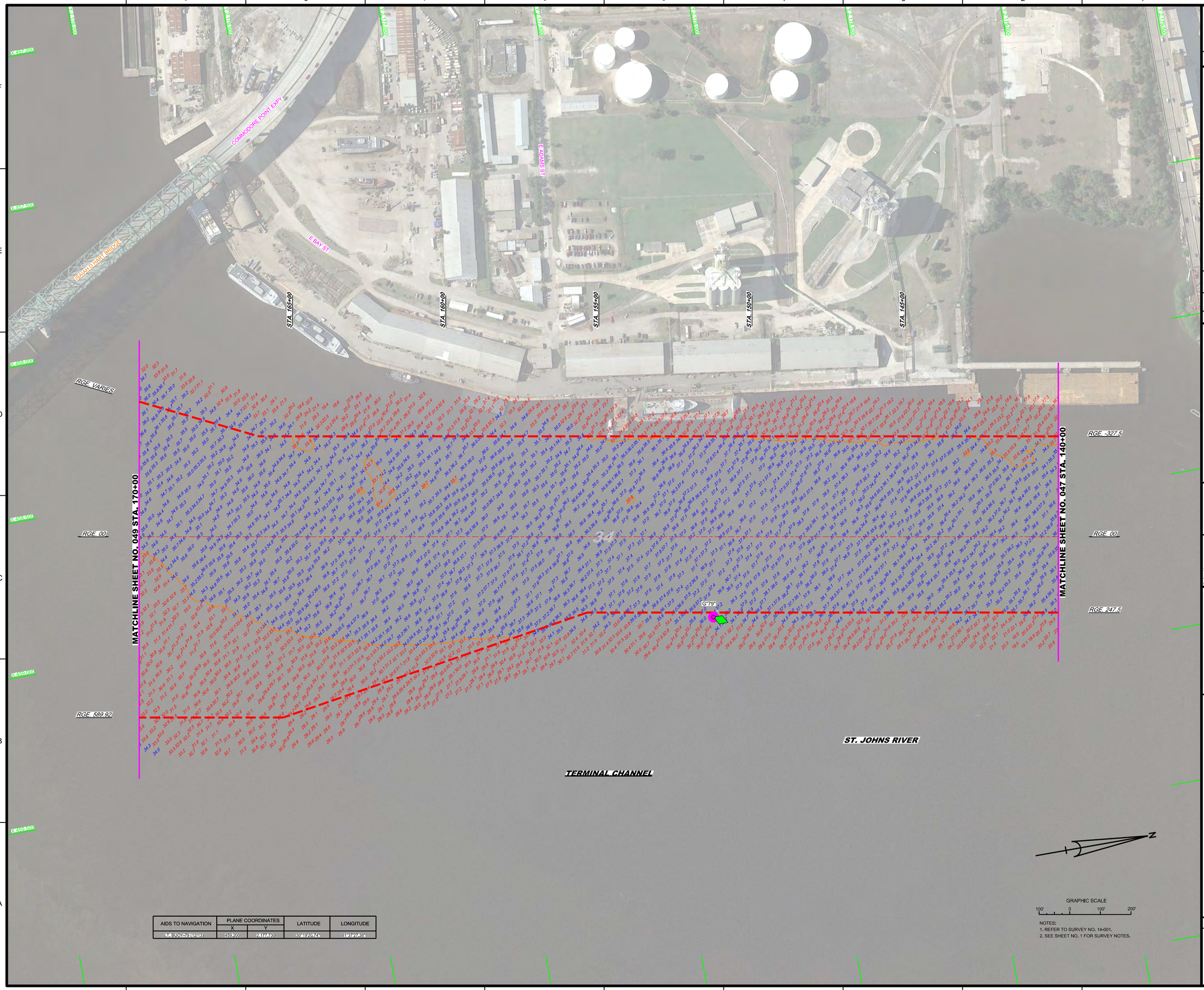


AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-79 (12/13)	459.200	2177730	30°19'20.74"	81°37'27.38"

NOTES:
1. REFER TO SURVEY NO. 14-001.
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: VIRM
Drawn by: VIRM
Checked by: GR
Rev. No.
Date: FEB 2014

XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
14-001-A-02KN34.DGN
14-001-A-SOUN_TC.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
13-194-04-BS-BRDR.DGN
Reference files:
14-001-VH-048.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

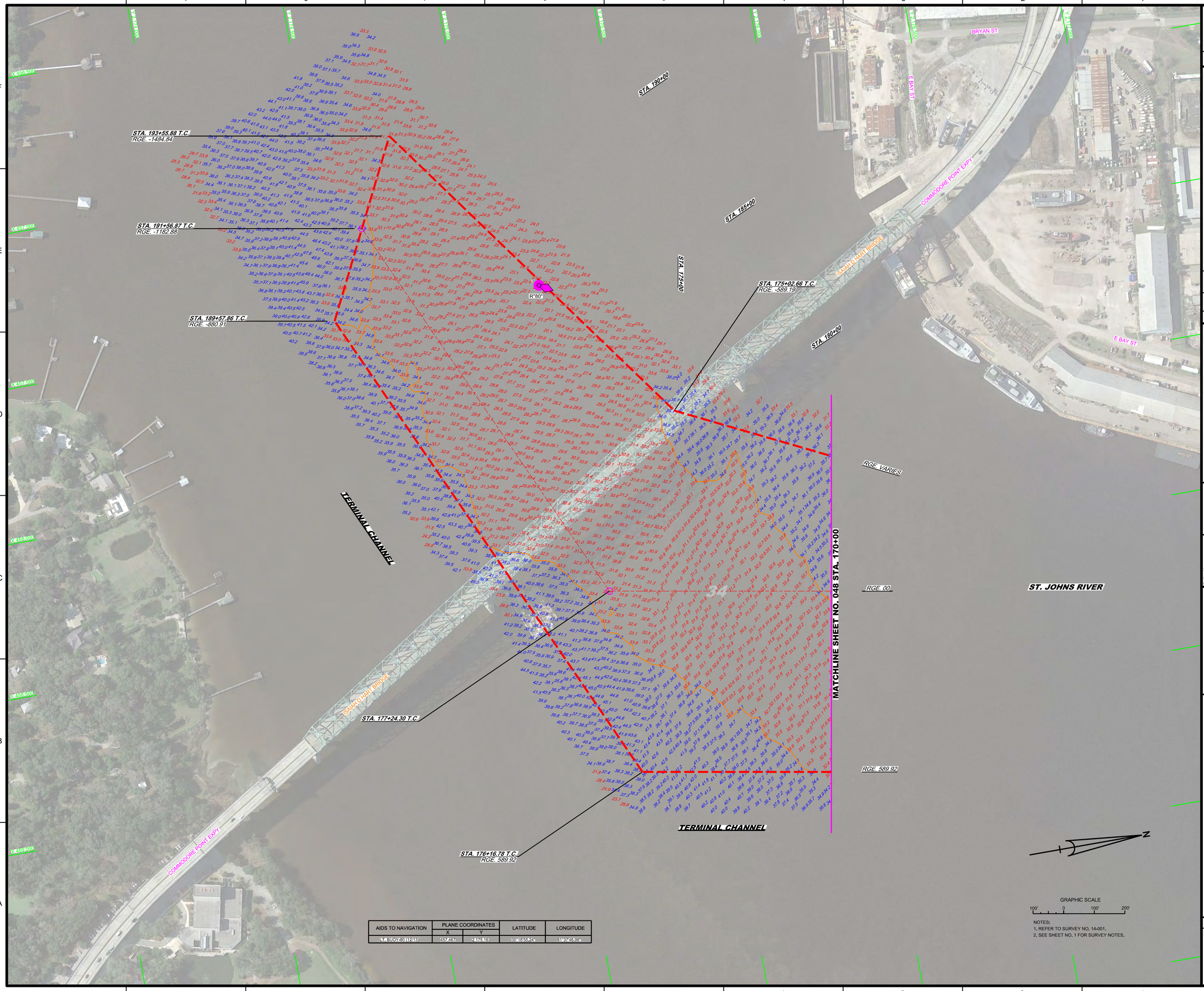
ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 140+00 THRU STA. 170+00 TERMINAL CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.
48

SHEET 48 OF 57



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT BUOY-30 (12/18)	457,467	2,175,163	30°18'55.24"	81°37'46.99"

NOTES:
1. REFER TO SURVEY NO. 14-001.
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
DWN by: WRM
Ckd by: GB
Proj. No.
Date: FEB 2014

X:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
14-2014A-GCN34.DGN
14-2014A-AOI01.DGN
14-001A-SDI01_TC.DGN
JAX\HR_HYBRID_MAR2013_NAD83HARN.DGN
13-184-c-BR-BRDR.DGN
Reference files:
14-001-HR-H59.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 170+00 THRU STA. 191+56.87 TERMINAL CHANNEL

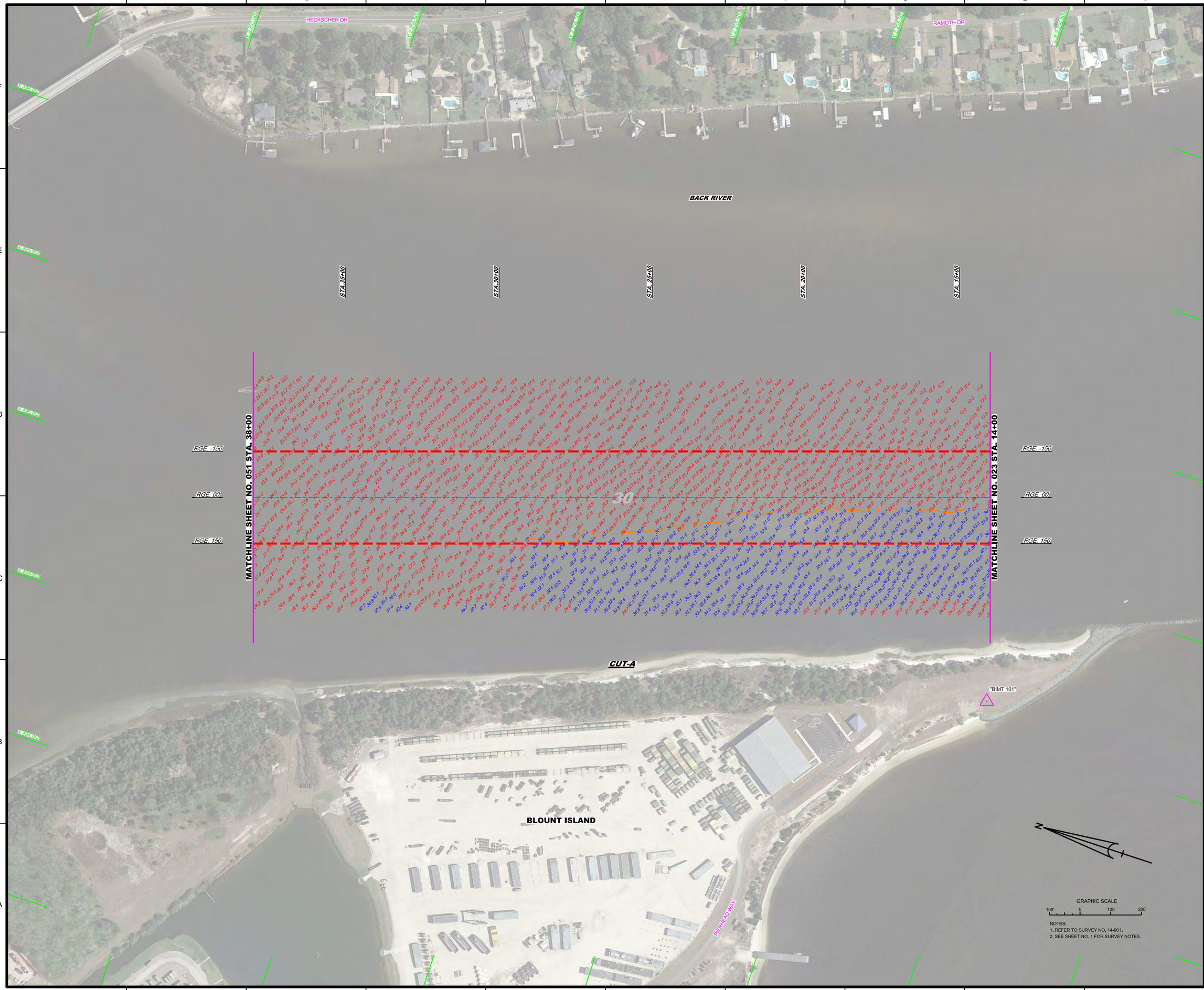
PLAN

Scale: AS SHOWN

Drawing no.

49

SHEET 49 OF 57



NOTES:
1. REFER TO SURVEY NO. 14-001.
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
DWN by: WRM
Ckd by: GR
Proj. No.
Date: FEB 2014

J:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
14-001-A-SOUN_CTA.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
13-1844-C-BR-BRDR.DGN
Reference files:
14-001-HH-050.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 14+00 THRU STA. 38+00 CUT-A

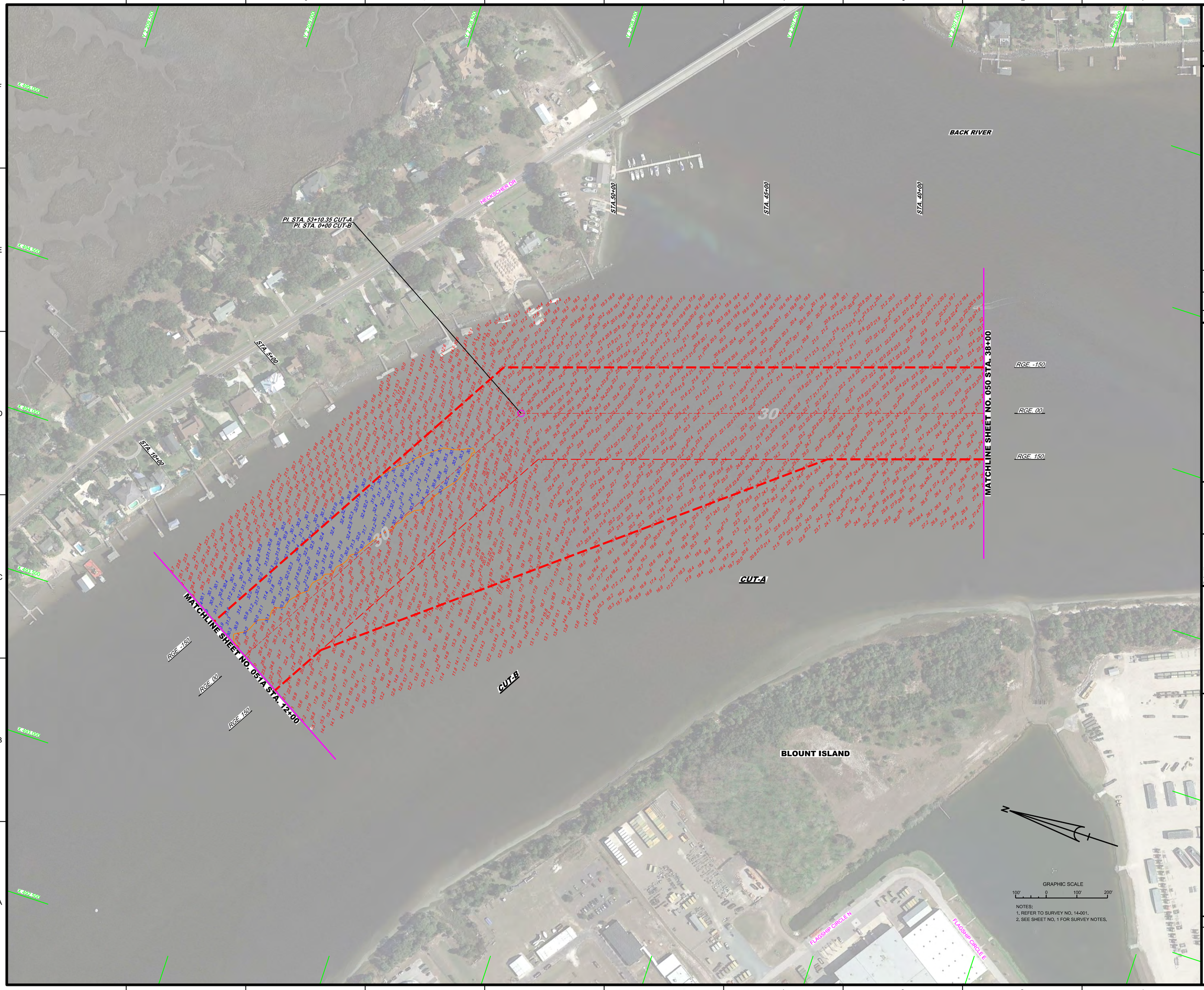
PLAN

Scale: AS SHOWN

Drawing no.

50

SHEET 50 OF 57



NOTES:
1. REFER TO SURVEY NO. 14-001.
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
Drawn by: WRM
Chk by: GB
Proj. No.
Date: FEB 2014

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
14-001A-CON30.DGN
14-001A-SOUN_CTR.DGN
14-001A-SOUN_CTB.DGN
JAX/HBR_HYBRID_MAR2013_NAD83HARN.DGN
13-184-C-BR-BRDR.DGN
Reference files:

14-001-HH-051.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 38+00 CUT-A THRU STA. 12+00 CUT-B

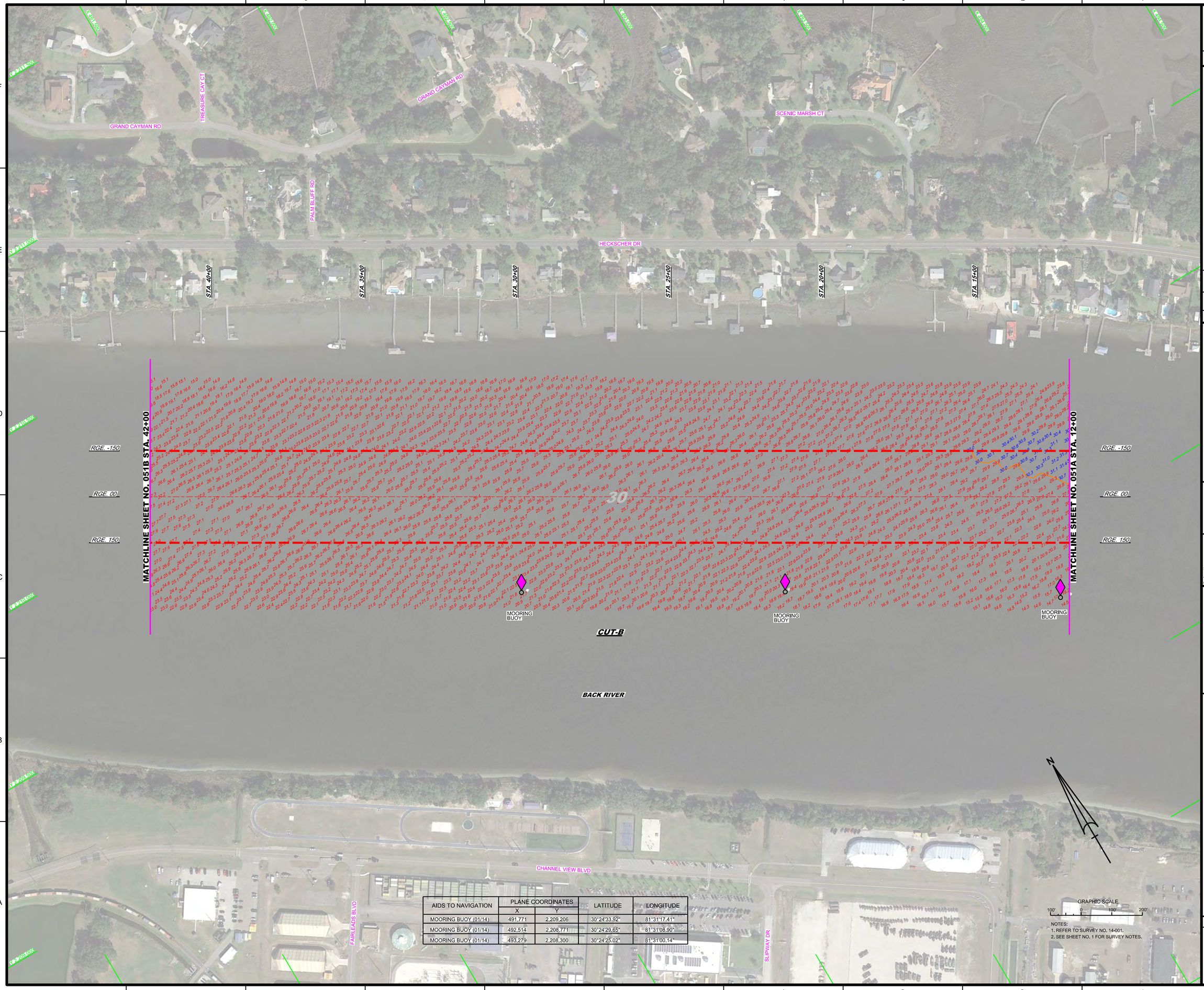
PLAN

Scale: AS SHOWN

Drawing no.

51

SHEET 51 OF 57



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
MOORING BUOY (01/14)	491,771	2,209,206	30°24'33.92"	81°31'17.41"
MOORING BUOY (01/14)	492,514	2,208,771	30°24'29.65"	81°31'08.90"
MOORING BUOY (01/14)	493,279	2,208,300	30°24'25.02"	81°31'00.14"

NOTES:
1. REFER TO SURVEY NO. 14-001.
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: VIRM
Drawn by: VIRM
Checked by: GR
Rev. No.
Date: FEB 2014

J:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
14-001-V-CON30.DGN
14-001-V-AVG.DGN
14-001-V-SOUN_CTB.DGN
JAXHIBR_HYBRID_MAR2013_NAD83HARN.DGN
13-1984-C-ESHNDR.DGN
Reference files:
14-001-VHD51A.DGN
File name:

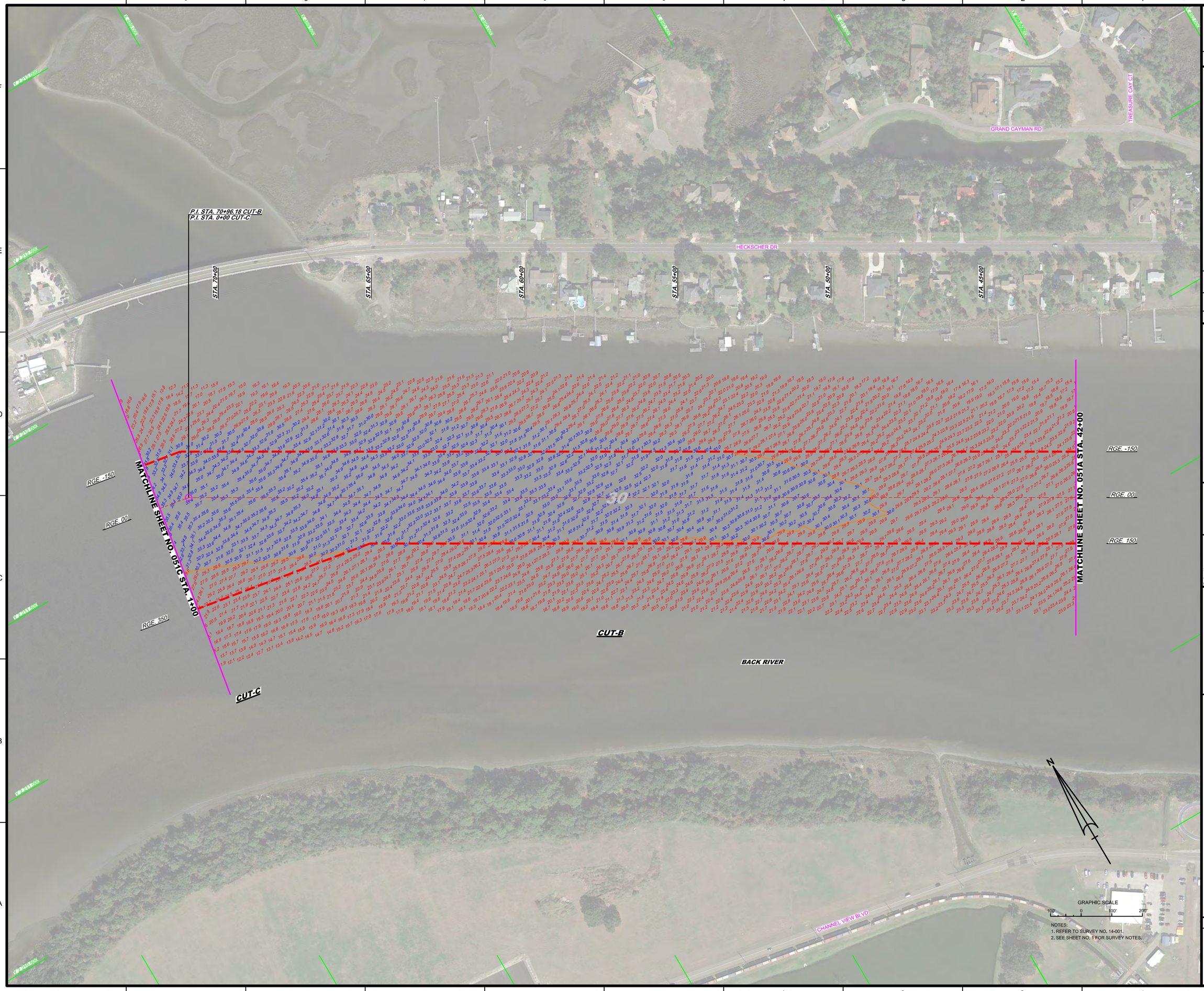
JACKSONVILLE HARBOR, FLORIDA

ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 12+00 THRU STA. 42+00 CUT-B
PLAN

Scale: AS SHOWN

Drawing no.
52

SHEET 52 OF 57



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: VIRM
DWN by: VIRM
Chkd by: GR
Rev. No.
Date: FEB 2014

J:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX-FLD.DGN
XXXXXXXX-XXXXXX-DSN.DGN
14-001-X-CON3D.DGN
14-001-X-SOUN_CTC.DGN
14-001-X-SOUN_CTC.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
13-1984-C-BS-BRDR.DGN
Reference files:
14-001-VH-051B.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 42+00 CUT-B THRU STA. 1+00 CUT-C

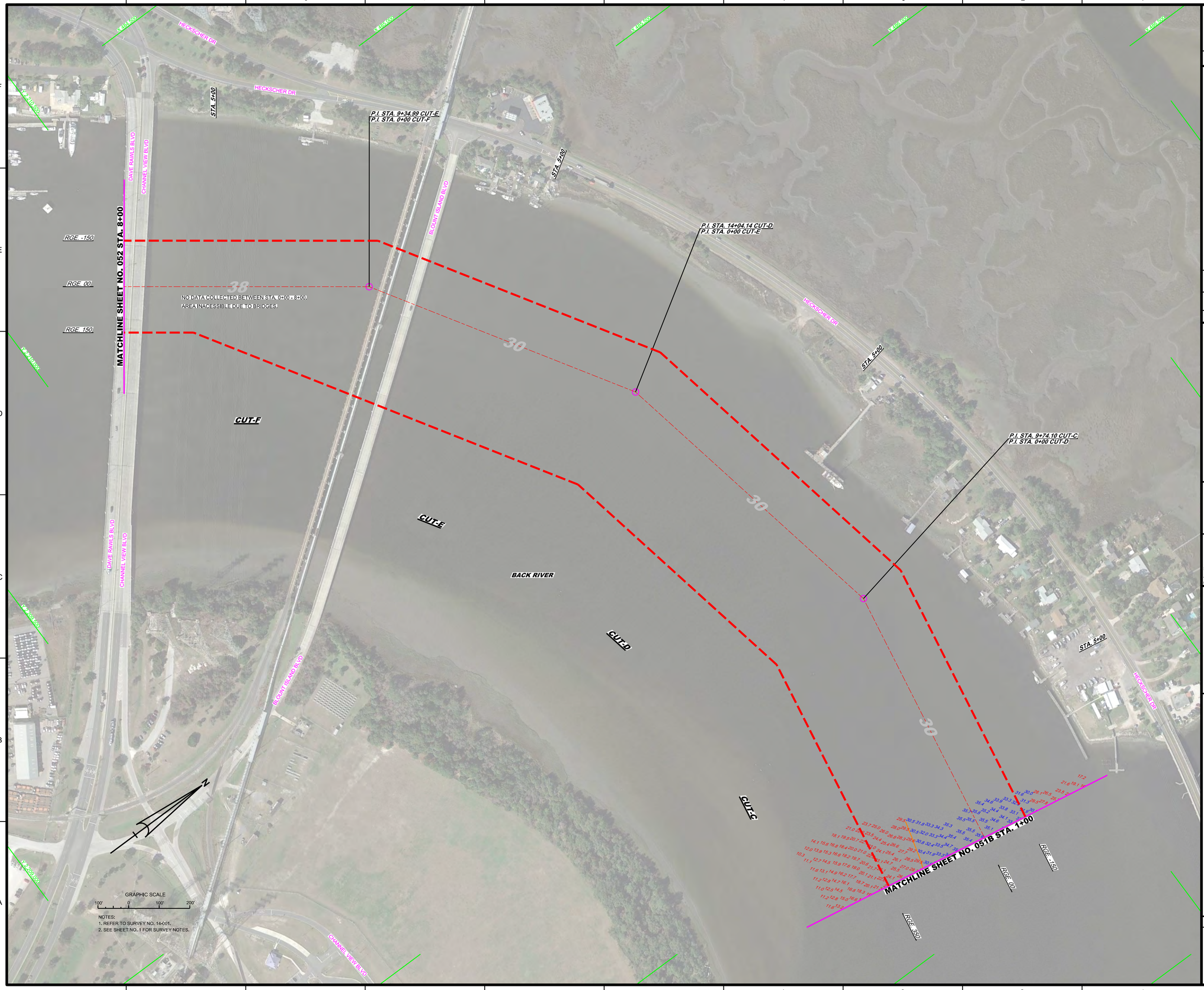
PLAN

Scale: AS SHOWN

Drawing no.

53

SHEET 53 OF 57



NOTES:
1. REFER TO SURVEY NO. 14-001.
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: VIRM
DWN by: VIRM
Ckd by: GR
Rev. No.
Date: FEB 2014

J:\XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
14-001-XSUM_CTC.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
13-194-CESHENDR.DGN
Reference files:
14-001-VHD52.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 1+00 CUT-C THRU STA. 8+00 CUT-F

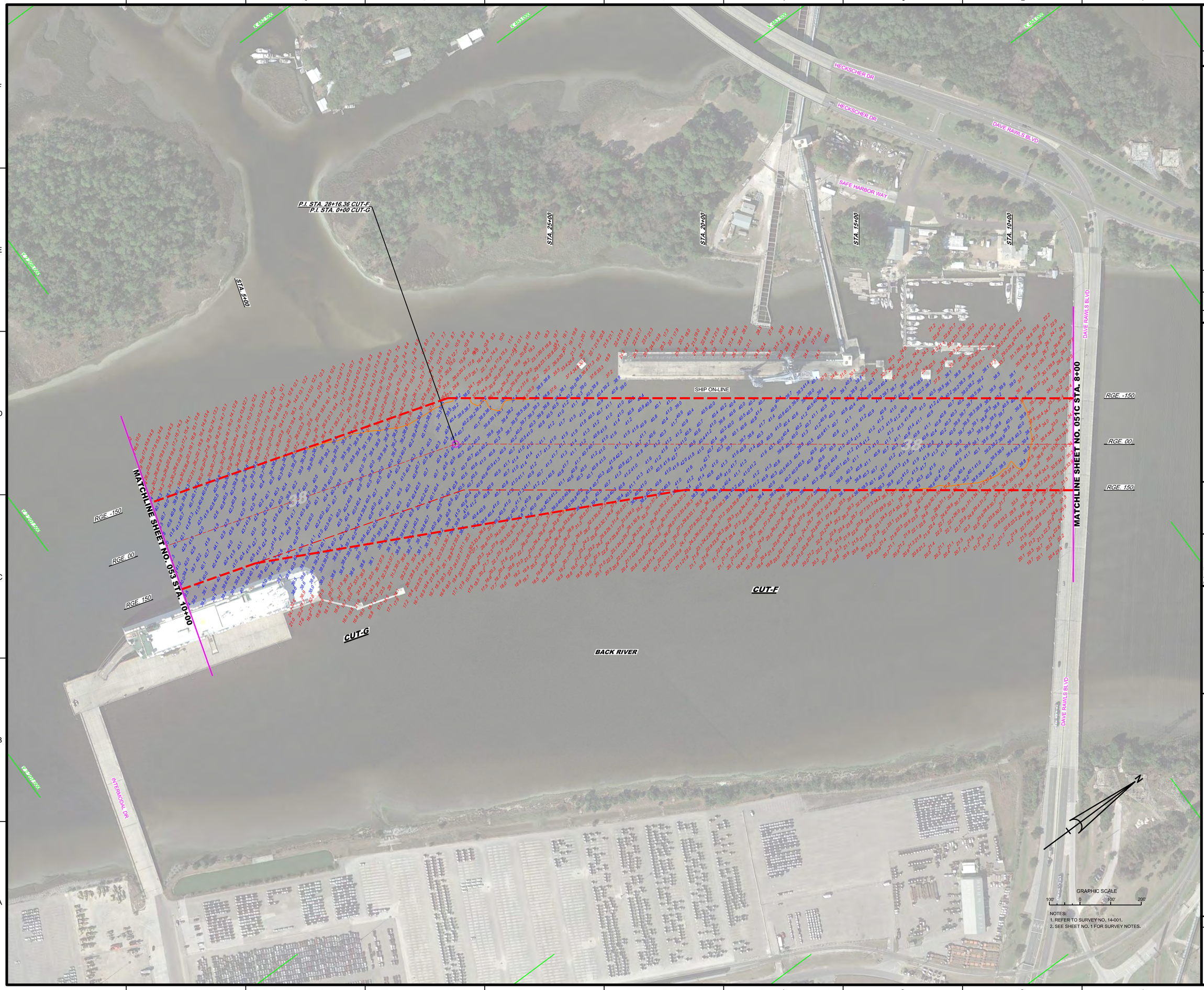
PLAN

Scale: AS SHOWN

Drawing no.

54

SHEET 54 OF 57



NOTES:
1. REFER TO SURVEY NO. 14-001.
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: VIRM
DWN by: VIRM
Ckd by: GR
Rev. No.
Date: FEB 2014

J:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
14-001-X-CON38.DGN
14-001-X-SOUN_CTG.DGN
14-001-X-SOUN_CTG.DGN
JAXHIBR_HYBRID_MAR2013_NAD83HARN.DGN
13-1984-2-ESHNDR.DGN
Reference files:
14-001-VHD52.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 8+00 CUT-F THRU STA. 10+00 CUT-G

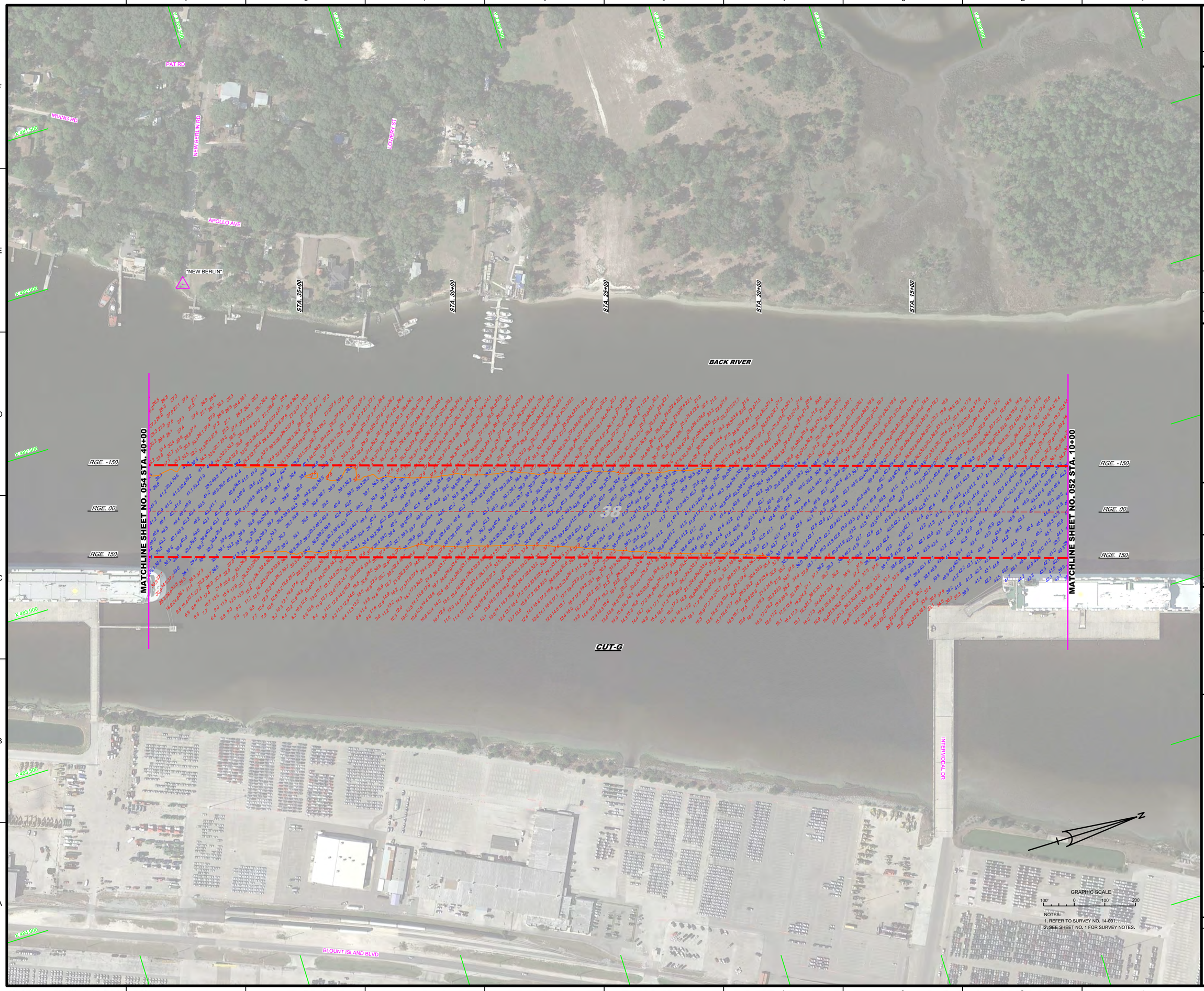
PLAN

Scale: AS SHOWN

Drawing no.

55

SHEET 55 OF 57



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: GB
Proj. No.
Date: FEB 2014

X:\XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
14-001-A-SOUN_CTG.DGN
JAX\HBR_HYBRID_MAR2013_NAD83\HARN.DGN
13-1884-C-BS-BRDR.DGN
Reference files:
14-001-HH553.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 10+00 THRU STA. 40+00 CUT-G

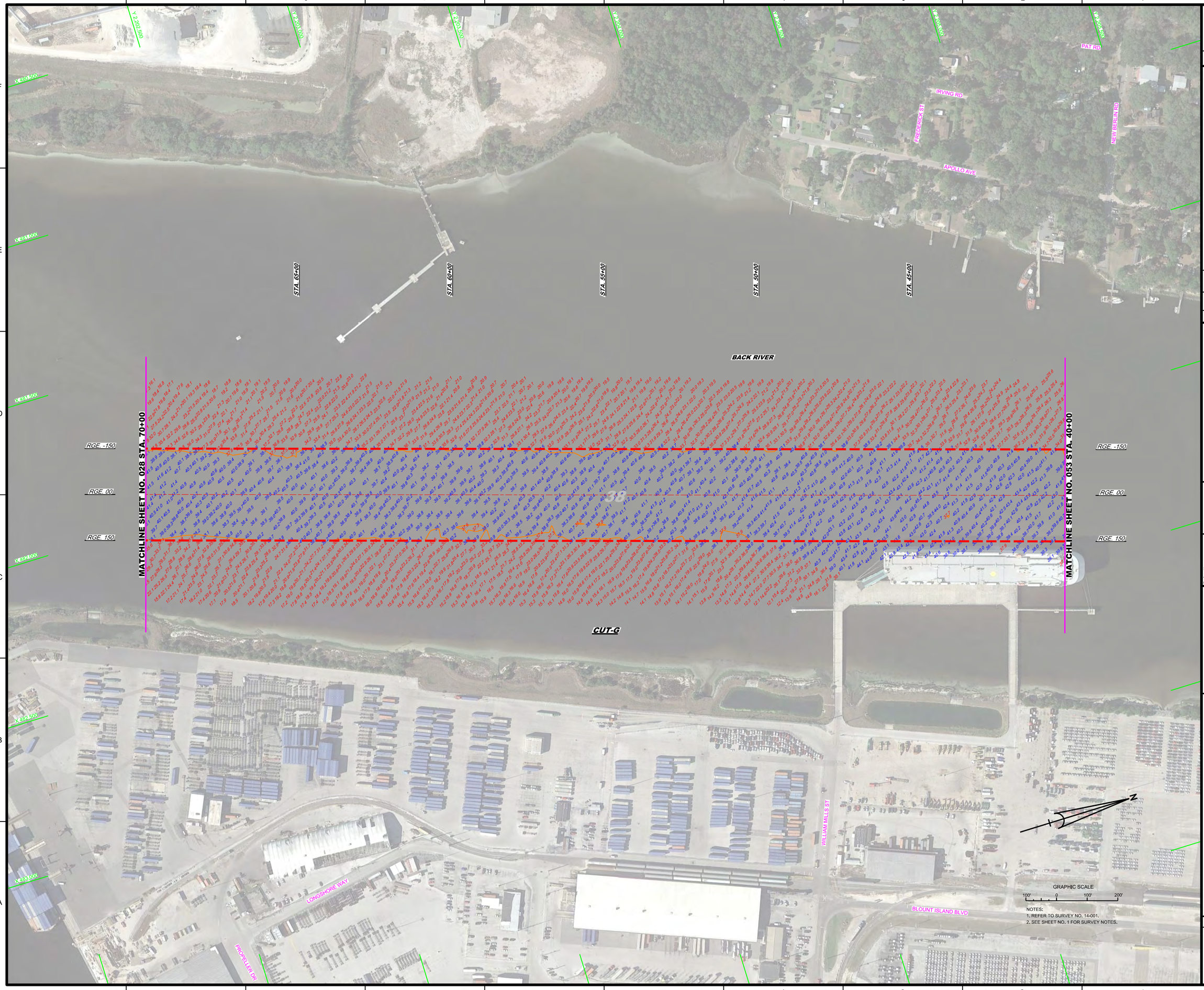
PLAN

Scale: AS SHOWN

Drawing no.

56

SHEET 56 OF 57



NOTES:
1. REFER TO SURVEY NO. 14-001.
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: GR
DWN by: VIRM
CKD by: VIRM
Rev. No.
Date: FEB 2014

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
14-001-XXXXXXXXXXXX.DGN
14-001-H-SOUNDING.DGN
JAXHBR_HYBRID_MAR2013_NAD83HARN.DGN
13-1984-C-ESHBRDR.DGN
Reference files:
14-001-VHD54.DGN
File name:

JACKSONVILLE HARBOR, FLORIDA

ANNUAL EXAMINATION SURVEY FY14
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 40+00 THRU STA. 70+00 CUT-G

PLAN

Scale: AS SHOWN

Drawing no.

57

SHEET 57 OF 57