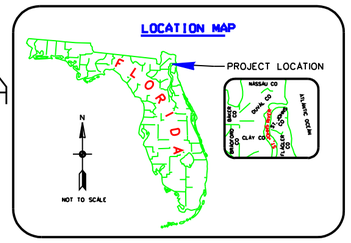
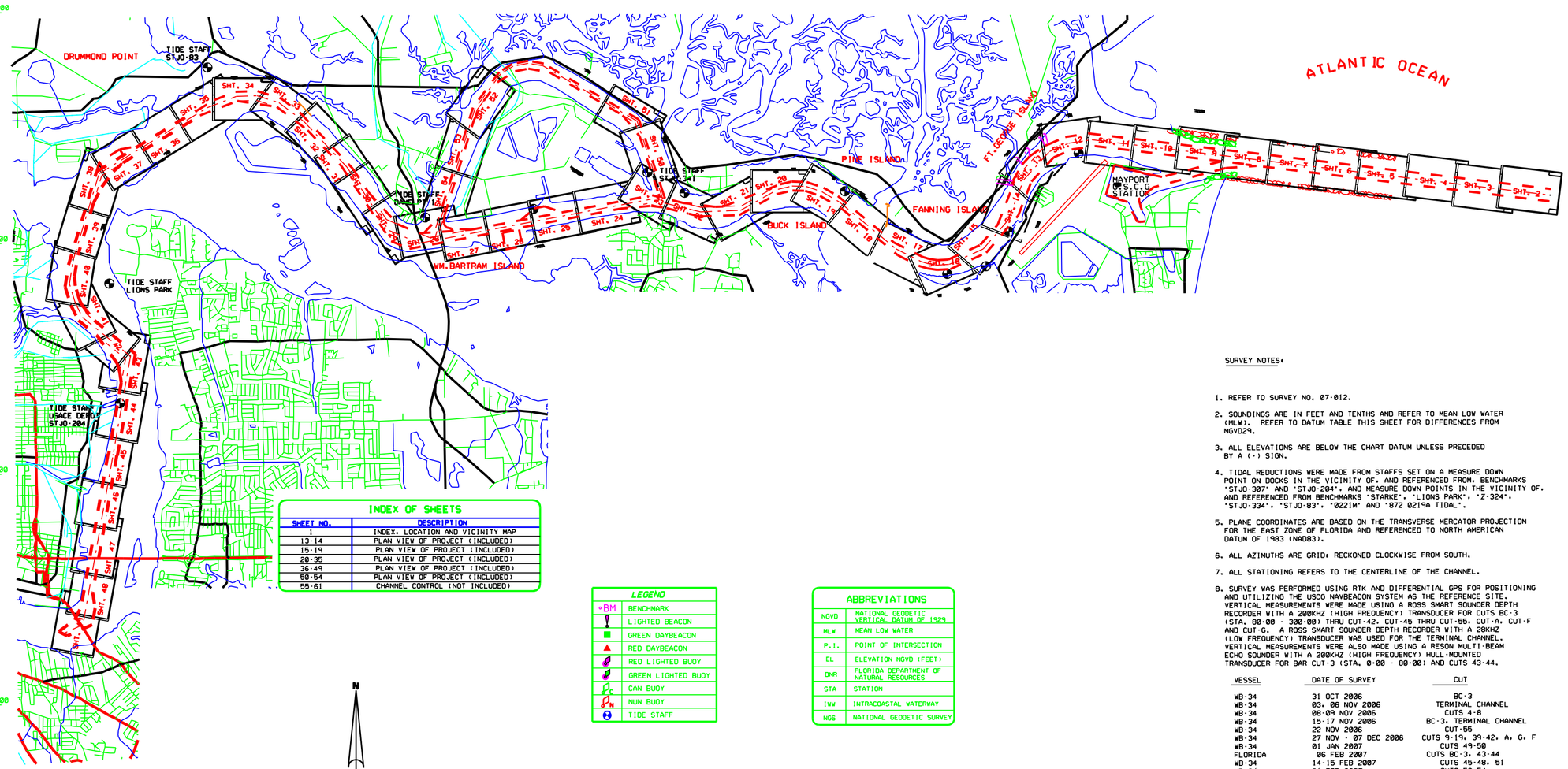
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY

AUTHORIZED PROJECT DEPTH	
42-FT ····	CUT-3 (BAR CUT). STA. 0-00 THRU STA. 198-63.10 (INTERSECTION MAYPORT NAVY ENTRANCE CHANNEL).
40-FT ····	CUT-3 (BAR CUT) STA. 198-63.10 THRU CUT-50. STA. 6-53 - DRUMMOND POINT.
38-FT ····	CUT-50. STA 6-53 THRU TERMINAL CHANNEL. STA. 64-56.
34-FT ····	TERMINAL CHANNEL. STA. 64-56 THRU STA. 186-21 (APPROX. 1200 FEET UPSTREAM FROM THE HART BRIDGE NEAR COMMODORE POINT).
30-FT ····	TERMINAL CHANNEL. STA. 186-21 CONTINUING UPSTREAM TO FEC RAILWAY BRIDGE AT JACKSONVILLE.
38-FT ····	OLD RIVER BLOUNT ISLAND (WESTSIDE) CHANNEL CUT-F. STA. 10-00 - NEAR WOODEN FISHING BRIDGE PIER THRU INTERSECTION OF CUT-42 (DAMES PT.-FULTON CUT-OFF).





INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
1	INDEX, LOCATION AND VICINITY MAP
13-14	PLAN VIEW OF PROJECT (INCLUDED)
15-19	PLAN VIEW OF PROJECT (INCLUDED)
20-35	PLAN VIEW OF PROJECT (INCLUDED)
36-49	PLAN VIEW OF PROJECT (INCLUDED)
50-54	PLAN VIEW OF PROJECT (INCLUDED)
55-61	CHANNEL CONTROL (NOT INCLUDED)

LEGEND	
*BM	BENCHMARK
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF

ABBREVIATIONS	
NGVD	NATIONAL GEODETIC VERTICAL DATUM OF 1929
MLW	MEAN LOW WATER
P.I.	POINT OF INTERSECTION
EL	ELEVATION NGVD (FEET)
DNR	FLORIDA DEPARTMENT OF NATURAL RESOURCES
STA	STATION
IWW	INTRACOASTAL WATERWAY
NGS	NATIONAL GEODETIC SURVEY

BENCHMARK	NGVD ELEV. (FT)
Z-324	5.73
STARK	9.65
STJO-83	9.35
LIONS PARK	4.76
STJO-204	4.51
8720219A TIDAL	7.55
STJO-307	6.35
STJO-334	4.39
8270221M	7.89

N

GRAPHIC SCALE
3000' 0 3000' 6000'

SURVEY NOTES:

1. REFER TO SURVEY NO. 07-012.
2. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER (MLW). REFER TO DATUM TABLE THIS SHEET FOR DIFFERENCES FROM NGVD29.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (-) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM STAFFS SET ON A MEASURE DOWN POINT ON DOCKS IN THE VICINITY OF, AND REFERENCED FROM, BENCHMARKS "STJO-307" AND "STJO-204", AND MEASURE DOWN POINTS IN THE VICINITY OF, AND REFERENCED FROM BENCHMARKS "STARKE", "LIONS PARK", "Z-324", "STJO-334", "STJO-83", "0221M" AND "872 0219A TIDAL".
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. SURVEY WAS PERFORMED USING RTK AND DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER FOR CUTS BC-3 (STA. 80-00 - 300-00) THRU CUT-42, CUT-45 THRU CUT-55, CUT-A, CUT-F AND CUT-G. A ROSS SMART SOUNDER DEPTH RECORDER WITH A 28KHZ (LOW FREQUENCY) TRANSDUCER WAS USED FOR THE TERMINAL CHANNEL. VERTICAL MEASUREMENTS WERE ALSO MADE USING A RESON MULTI-BEAM ECHO SOUNDER WITH A 200KHZ (HIGH FREQUENCY) HULL-MOUNTED TRANSDUCER FOR BAR CUT-3 (STA. 0-00 - 80-00) AND CUTS 43-44.

VESSEL	DATE OF SURVEY	CUT
WB-34	31 OCT 2006	BC-3
WB-34	03, 06 NOV 2006	TERMINAL CHANNEL
WB-34	08-09 NOV 2006	CUTS 4-8
WB-34	15-17 NOV 2006	BC-3, TERMINAL CHANNEL
WB-34	22 NOV 2006	CUT-55
WB-34	27 NOV - 07 DEC 2006	CUTS 9-19, 39-42, A, G, F
WB-34	01 JAN 2007	CUTS 49-50
FLORIDA	06 FEB 2007	CUTS BC-3, 43-44
WB-34	14-15 FEB 2007	CUTS 45-48, 51
WB-34	21 FEB 2007	CUTS 52-54

9. AIDS TO NAVIGATION WERE LOCATED FOR 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 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.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Inv. No.
Dated:
Scale: AS SHOWN
Plot date: XX XXX XXXX
Plot scale: F 3000'

Designed by: RWH
Dwn by: WMB
Ckd by: WMB

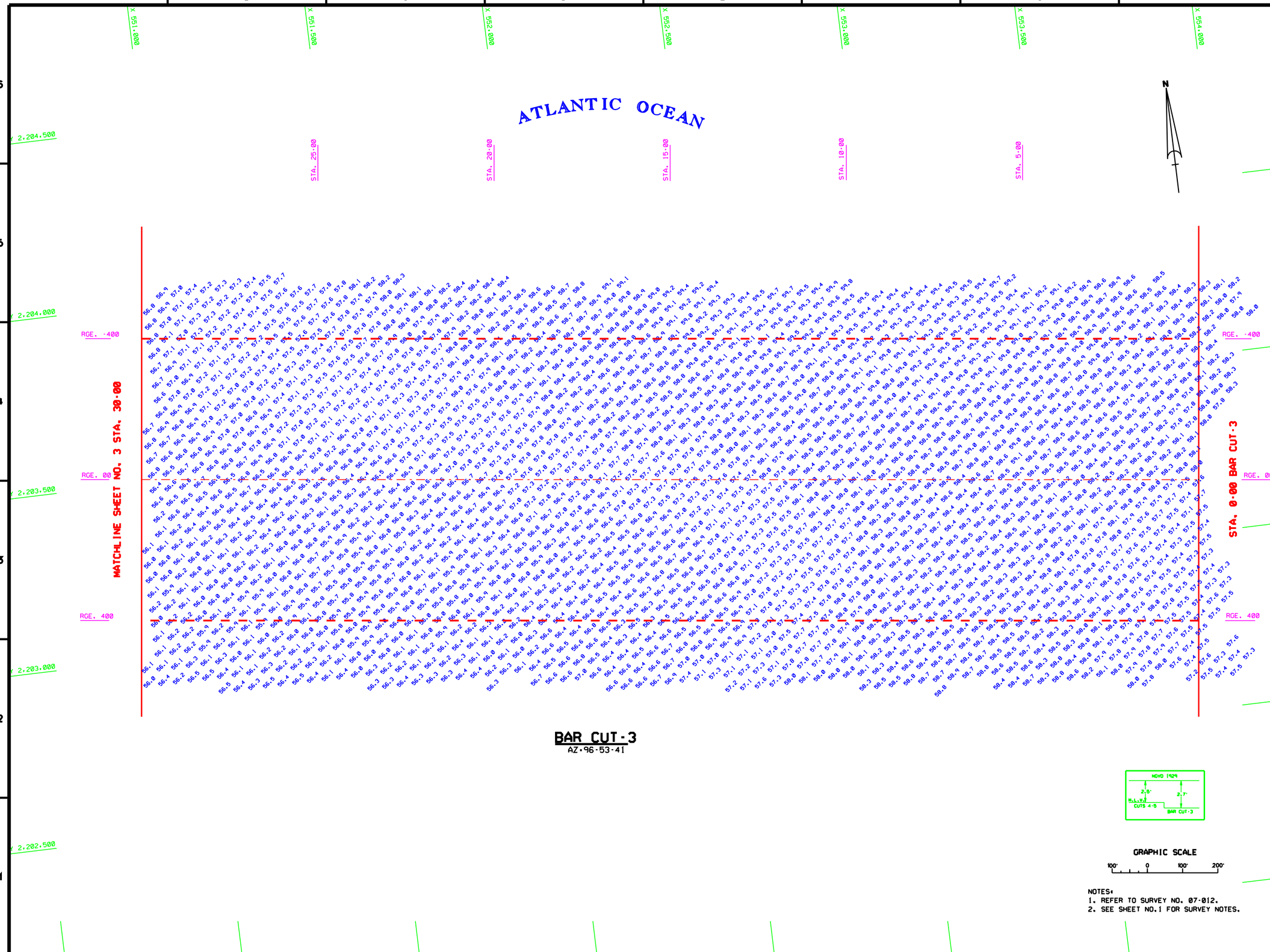
Dated: FEB 2007
D.O. FILE NO.

File name: 07-012SHOLD.DGN
Reference files: BROWSE.DGN NEWLINCHS.DGN JAXBASE.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
COVER, INDEX AND PLAN SHEET
PLAN

DRAWING NO.
1/54

SHEET 1 OF 61



NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

Dwg. No.
Date:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: TWH
Dwn by: WMC
Ckd by: WMC

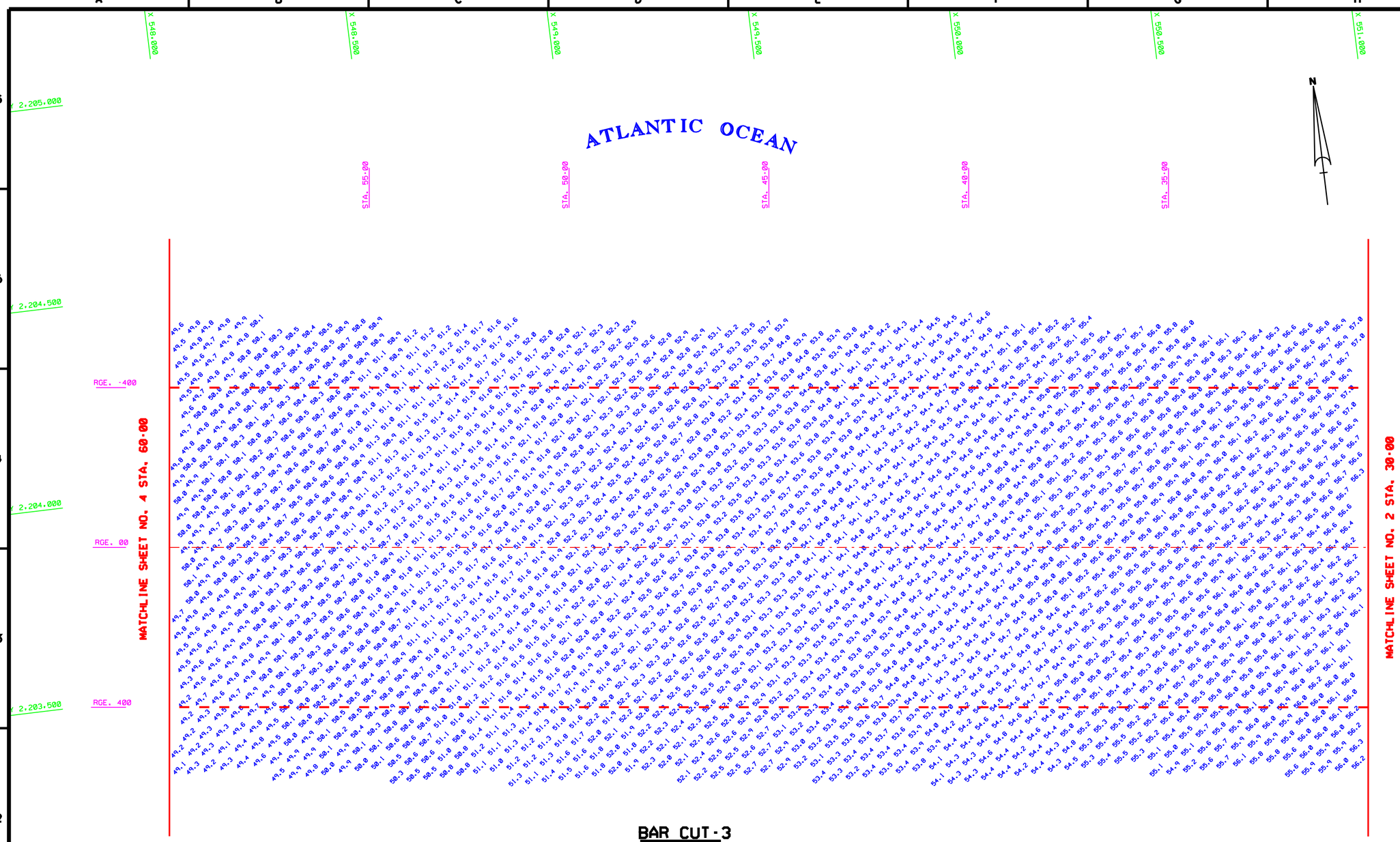
Date: FEB 2007
D.O. FILE NO.

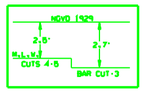
File name: 07-012SHS2.DGN
Reference files: 080098.DGN
NEW_MICHELS.DGN
07-012BC.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA.0+00 THRU STA.30+00 BAR CUT-3
PLAN

DRAWING NO.
2/54

SHEET 2 OF 61





GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

Rev. No.
Dates
Scale: AS SHOWN
Plot date: ## ## ####
Plot scale: XXX

Designed by: RWM
Dwn by: JMW
Ckd by: JMW

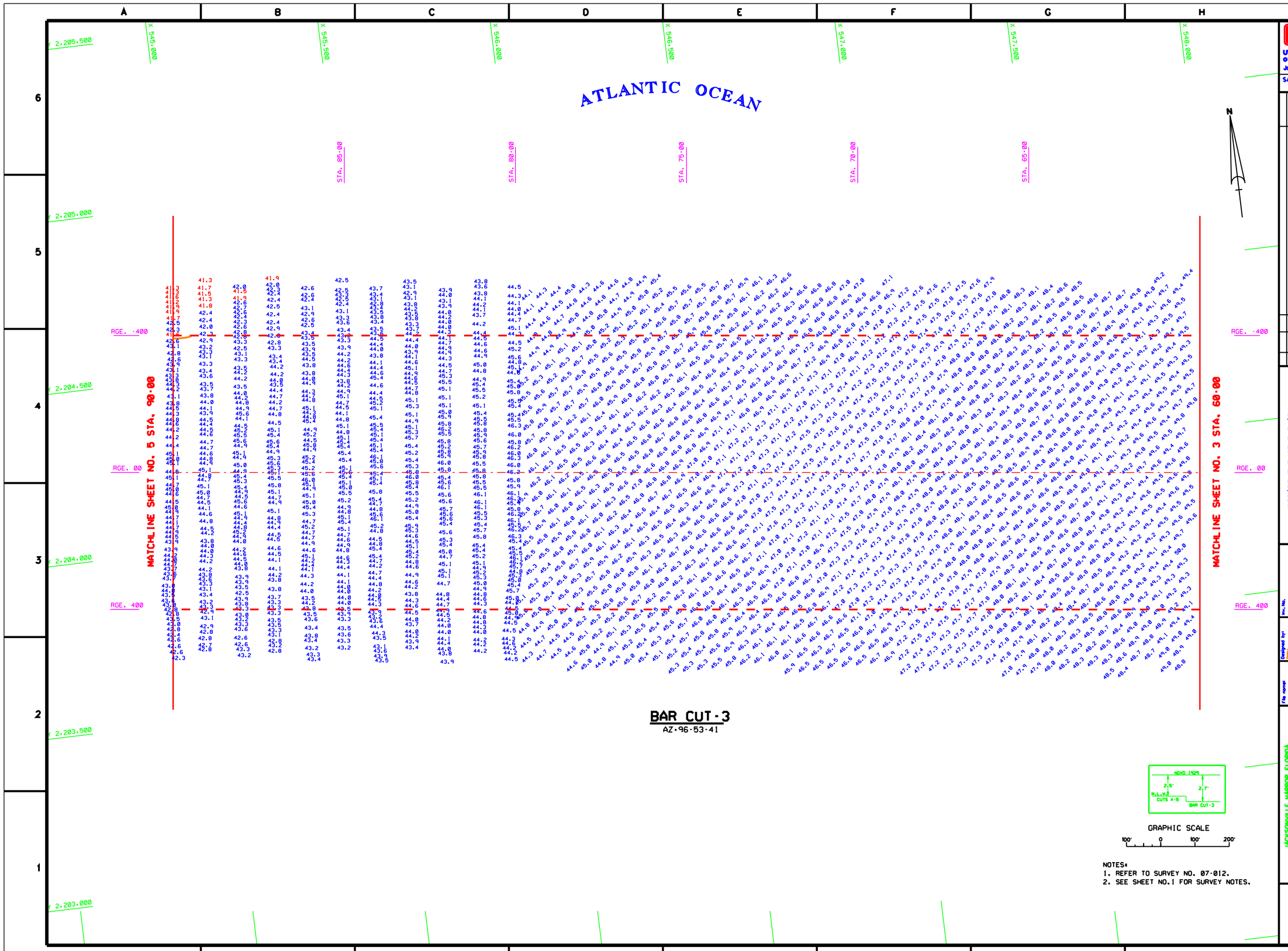
Date: FEB 2007
D.O. FILE NO.

File name: 07-012SHS3.DGN
Reference files: BROWSE.DGN
BROWSE2.DGN
BROWSE3.DGN
07-012BC3.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 30+00 THRU STA. 60+00 CUT-3
PLAN

DRAWING NO.
3/54

SHEET 3 OF 61



NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Rev. No.
Dates
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by: TMH
Dwn by: TMH
Ckd by: TMH

Dates: FEB 2007

D.O.FILE NO.

File name: 07-012SHEET.DGN
Reference files: BSCRSB.DGN, NEWJXCH3.DGN, 07-012BC3.DGN, COM42.DGN

JACKSONVILLE HARBOR, FLORIDA

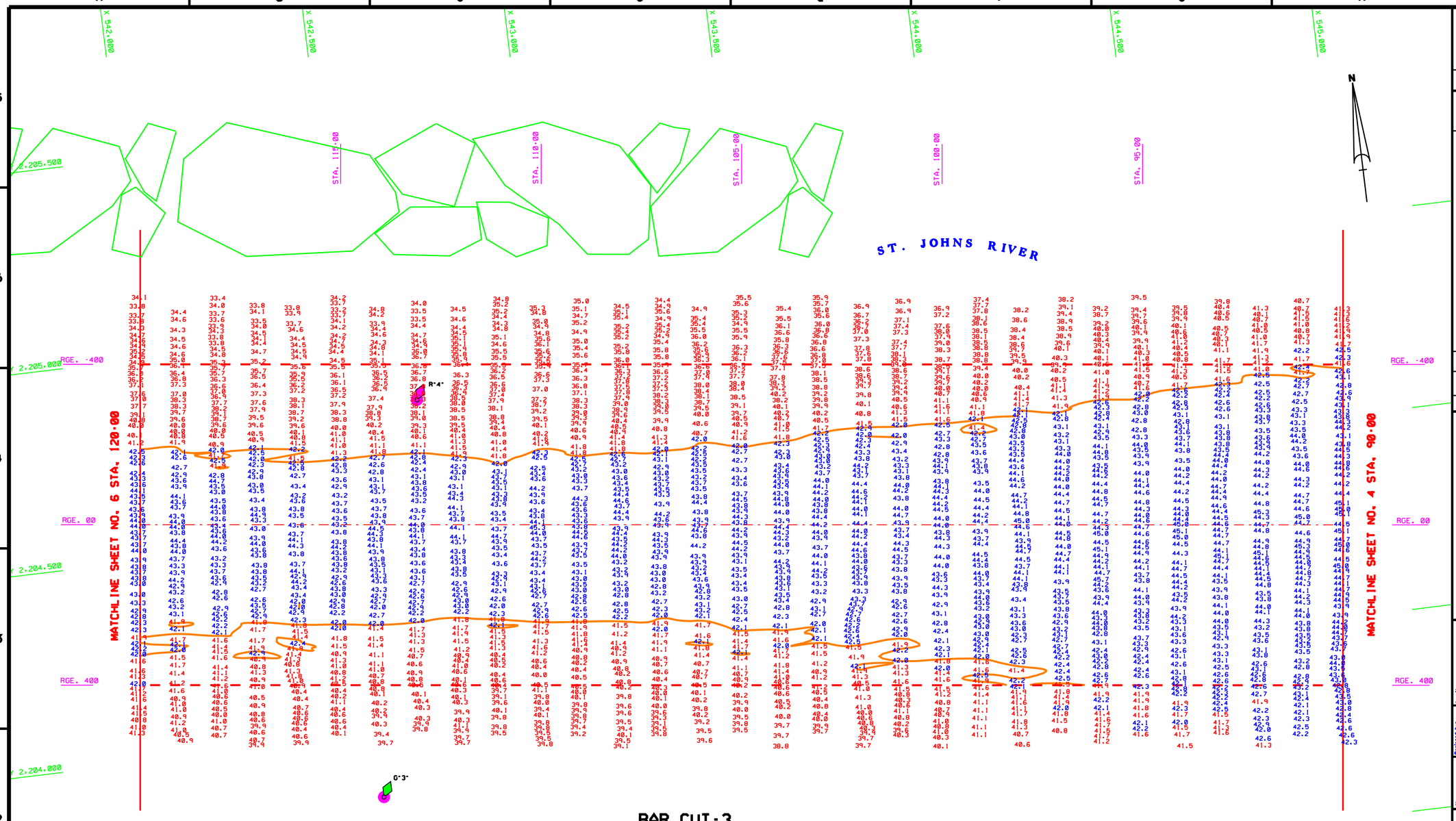
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 60+00 THRU STA. 90+00 BAR CUT-3

PLAN

DRAWING NO.
4/54

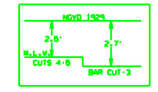
SHEET 4 OF 61



BAR CUT-3

AZ·96·53·41

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (12/06)	542.466	2.203.843	30°23'42.79"	81°21'38.29"
LT. BUOY-4 (12/06)	542.666	2.204.816	30°23'52.43"	81°21'36.04"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

Inv. No.
Dates:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: TWH
Dwn by: TWH
Ckd by: TWH

Date: FEB 2007
D.O.FILE NO.

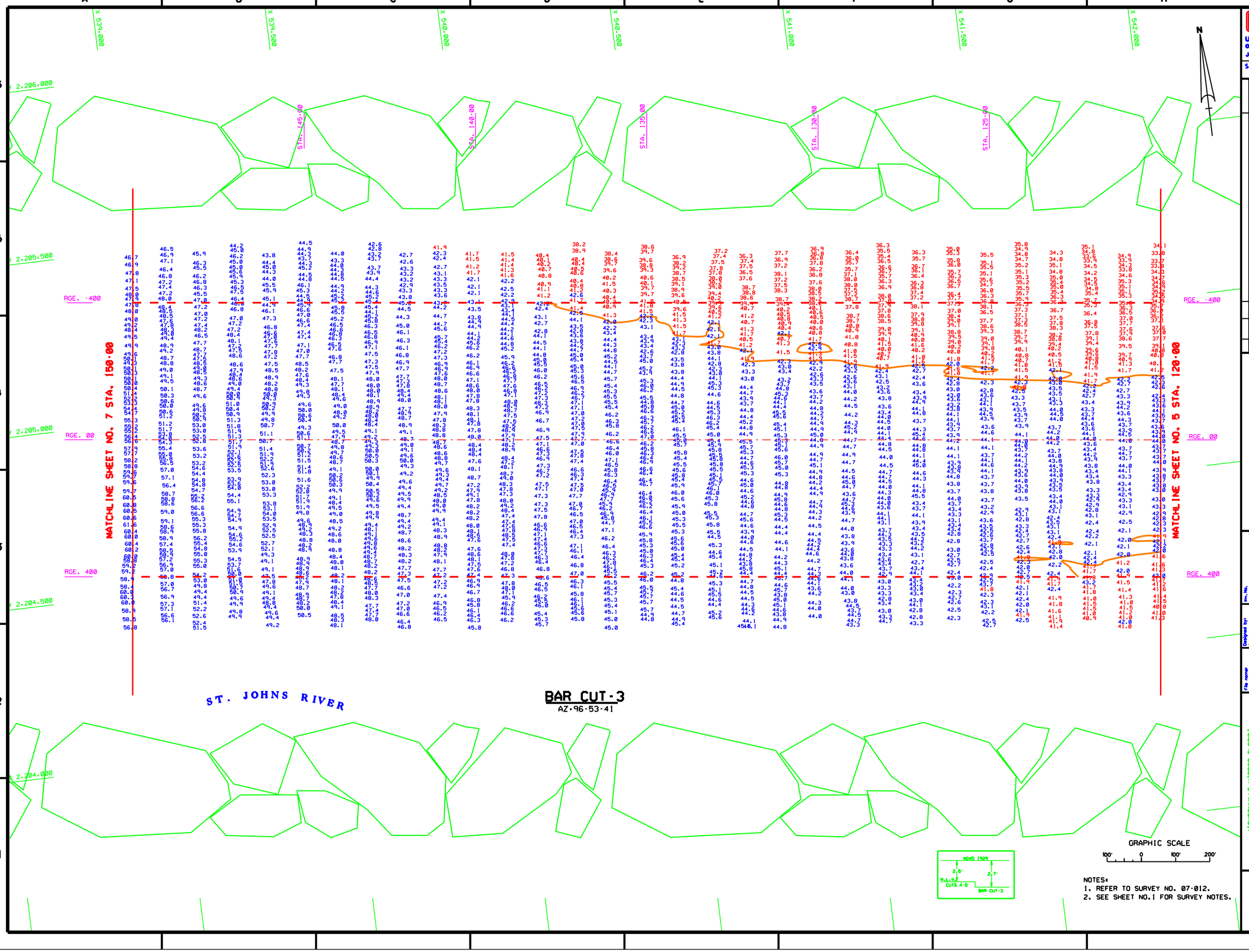
File name: 07-012SHEE.DGN, 07-012BCS.DGN, 07-012BAR.DGN
Reference files: BBORSB.DGN, MCMUNICIP.DGN, JAXBASE.DGN, CORNER.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 90·00 THRU STA. 120·00 BAR CUT-3
PLAN

DRAWING NO.
5/54

SHEET 5 OF 61



NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

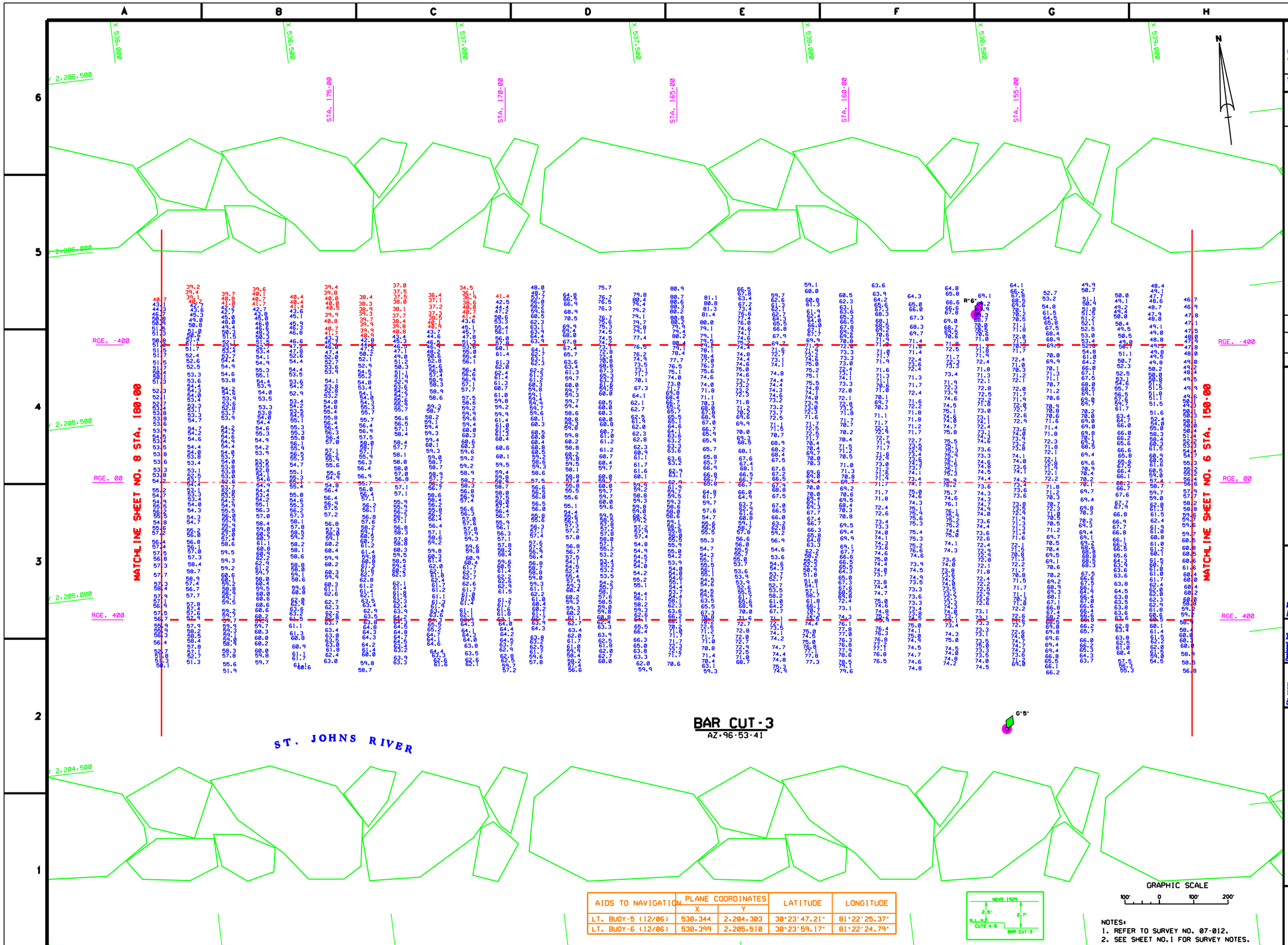
Inv. No.
Dates
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX.X
Designed by: TRH
Dwn by: RMW
Ckd by: RMW
Date: FEB 2007
D.O.FILE NO.

File name: 07-012SHEE.DGN
Reference files: 880PSB.DGN, NEWJUCHB3.DGN, JAXBASE.DGN, 07-012BC3.DGN, CDM42.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 120+00 THRU STA. 150+00 BAR CUT-3
PLAN

DRAWING NO.
6/54

SHEET 6 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5 (12/06)	538.344	2,204.303	30°23'47.21"	81°22'25.37"
LT. BUOY-6 (12/06)	538.399	2,205.510	30°23'59.17"	81°22'24.79"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Description	Approved

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

Rev. No.
Date:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: RWM
Dwn by: WWW
Ckd by: WWW

Date: FEB 2007

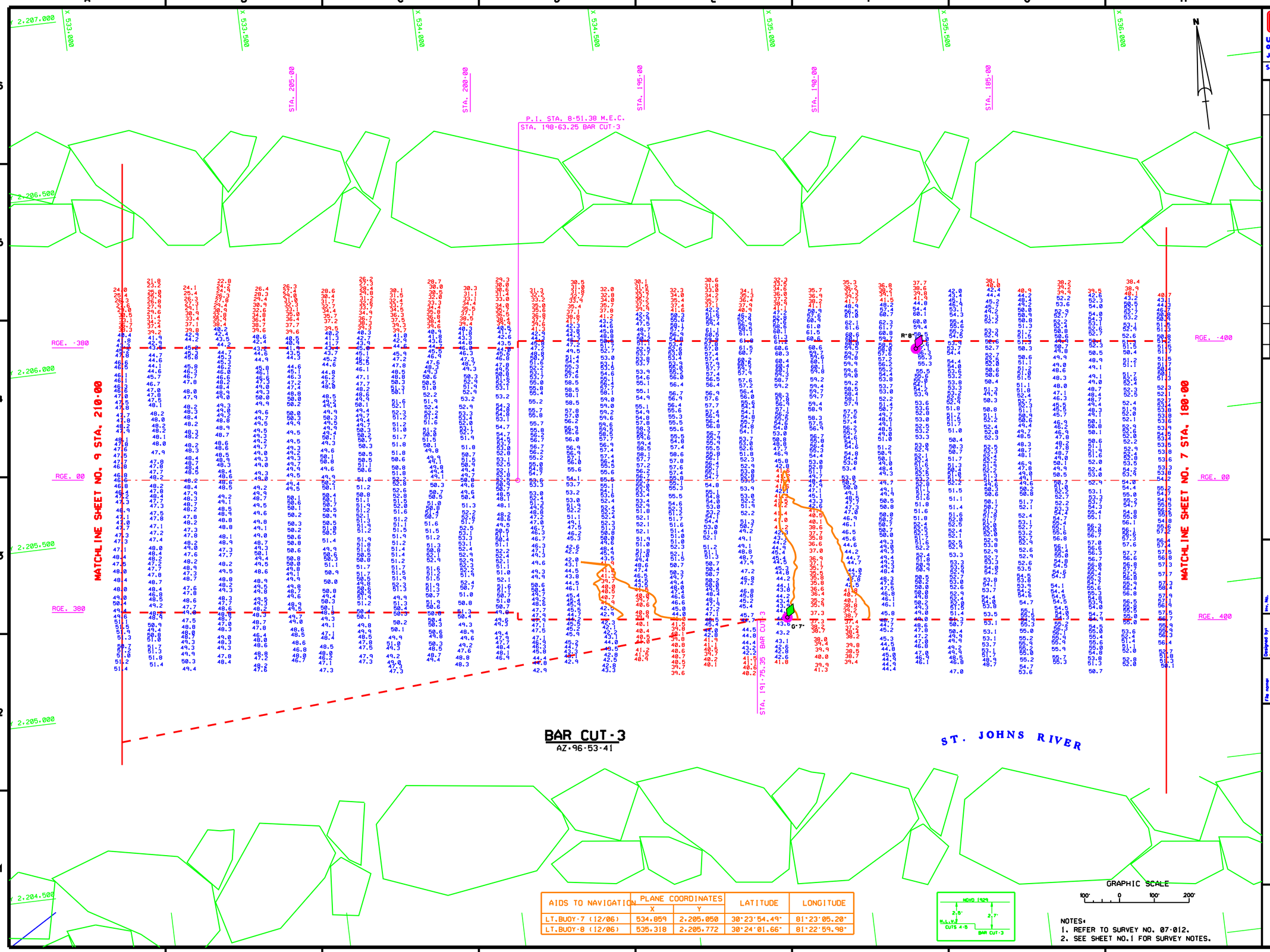
D.O. FILE NO.

File name: 07-012SHEET.DGN
Reference files: B0098.DGN, 07-012NAV.DGN, 07-012BCS.DGN, NEWJXCHB.DGN, JAXBASE.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 150+00 THRU STA. 180+00 BAR CUT-3
PLAN

DRAWING NO.
7/54

SHEET 7 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT.BUOY-7 (12/06)	534.859	2,205.050	30°23'54.49"	81°23'05.20"
LT.BUOY-8 (12/06)	535.318	2,205.772	30°24'01.66"	81°22'59.98"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Rev. No.
Dates:
Scale: AS SHOWN
Pay date: 23 AUG 2001
Pay scale: XXXX

Designed by: TMH
Dwn by: TMH
Ckd by: TMH

Date: FEB 2007
D.O.FILE NO.

File name: 07-012SHEB.DGN
Reference files: BBORGN.DGN JAXBASE.DGN NEWJXCHB3.DGN 07-012BCL3.DGN 07-012BMV.DGN CONM2.DGN

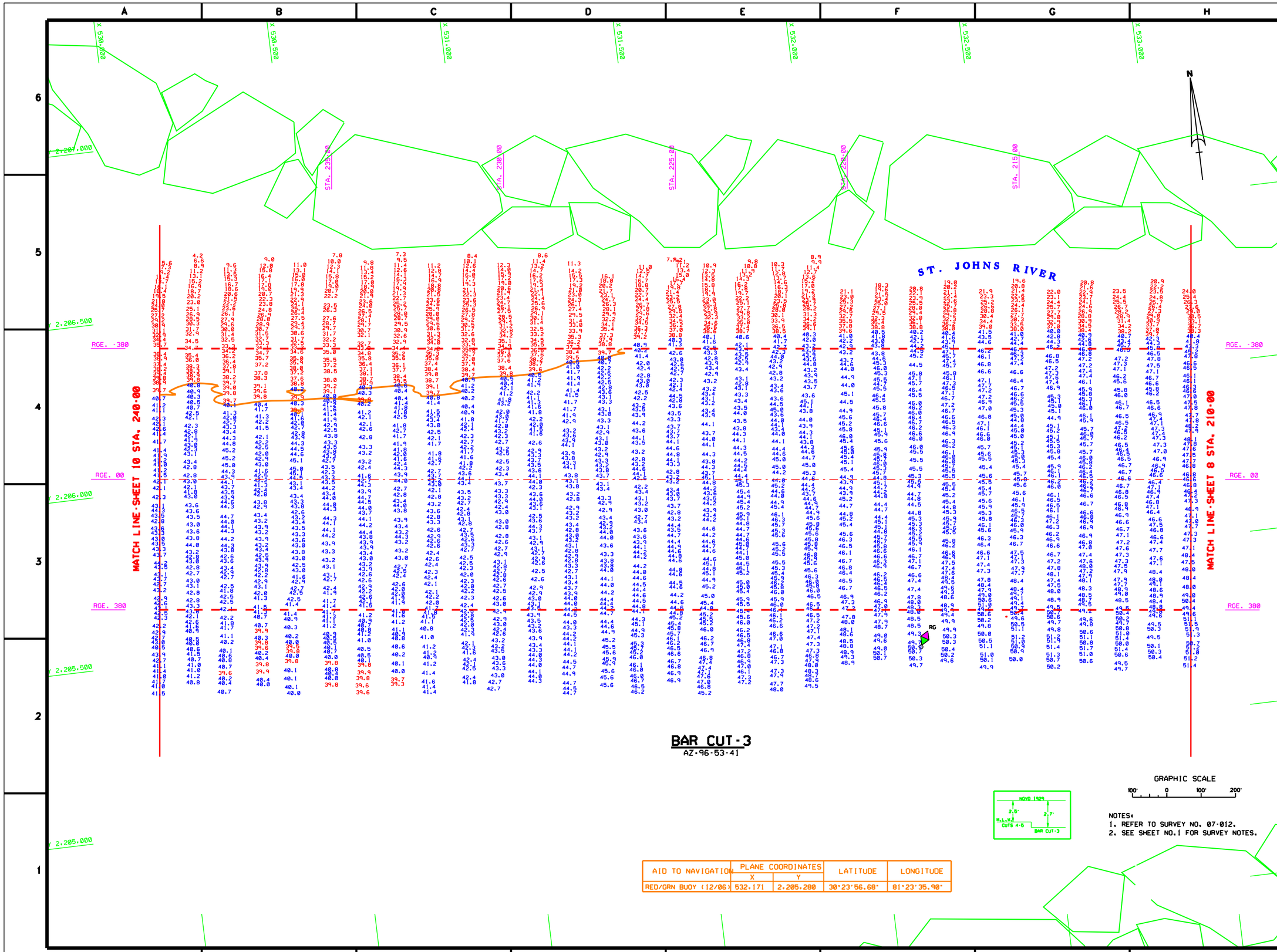
JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 180+00 THRU STA.210+00 BAR CUT-3
PLAN

DRAWING NO.
8/54

SHEET 8 OF 61



BAR CUT-3

AZ-96-53-41

AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
RED/GRN BUOY (12/06)	532.171	2,205.280	30°23'56.68"	81°23'35.90"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Inv. No.
Dates: Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX:X

Designed by: TRH
Dwn by: TRH
Ckd by: TRH

Date: FEB 2007
D.O.FILE NO. XX-XX.XXX

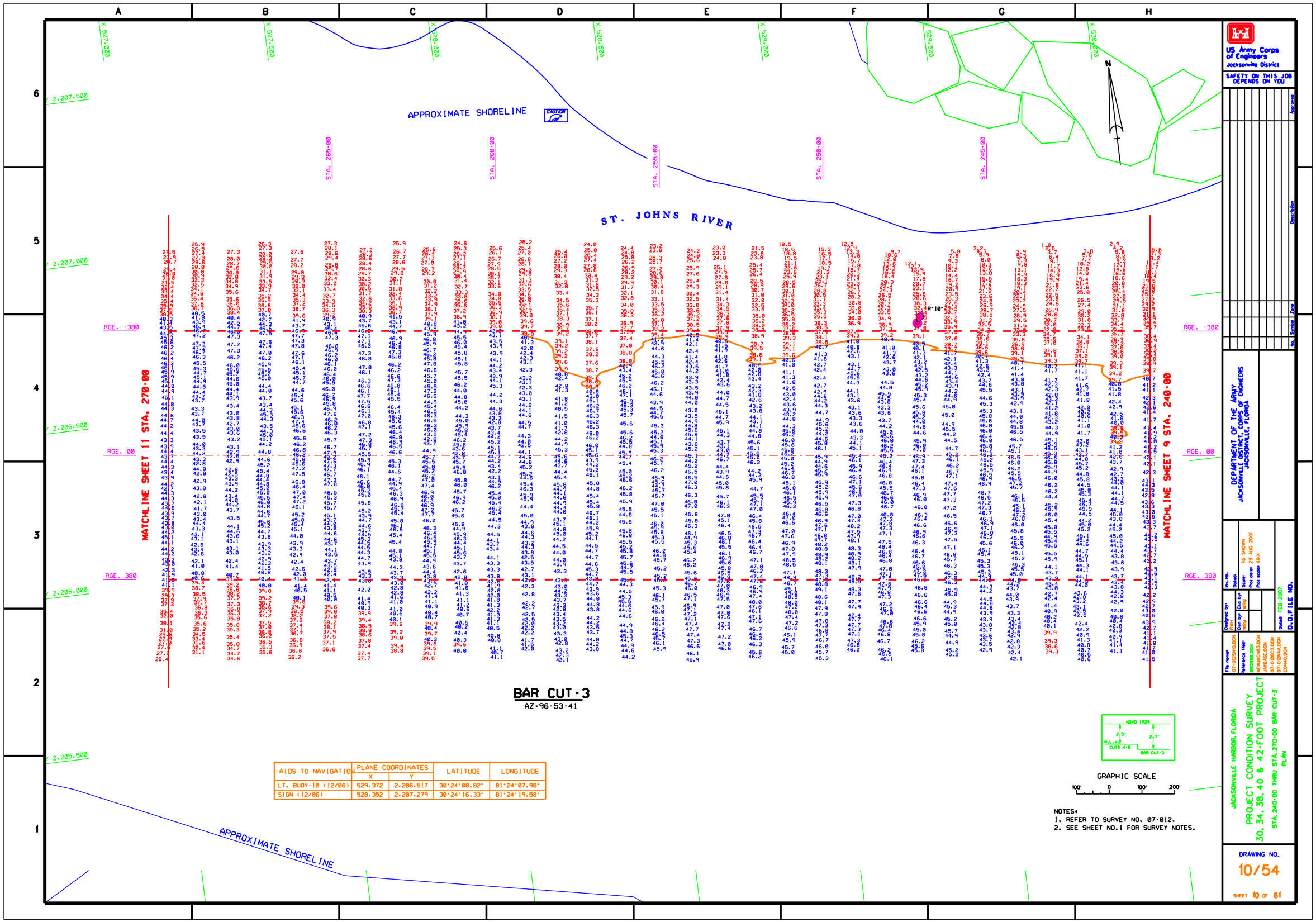
File name: 07-012SHO9.DGN
Reference files: BGORGA.DGN, NEWJUCH8.DGN, 07-012BCS.DGN, JAXBASE.DGN, CONAID.DGN, 07-012BAR.DGN

JACKSONVILLE HARBOR, FLORIDA

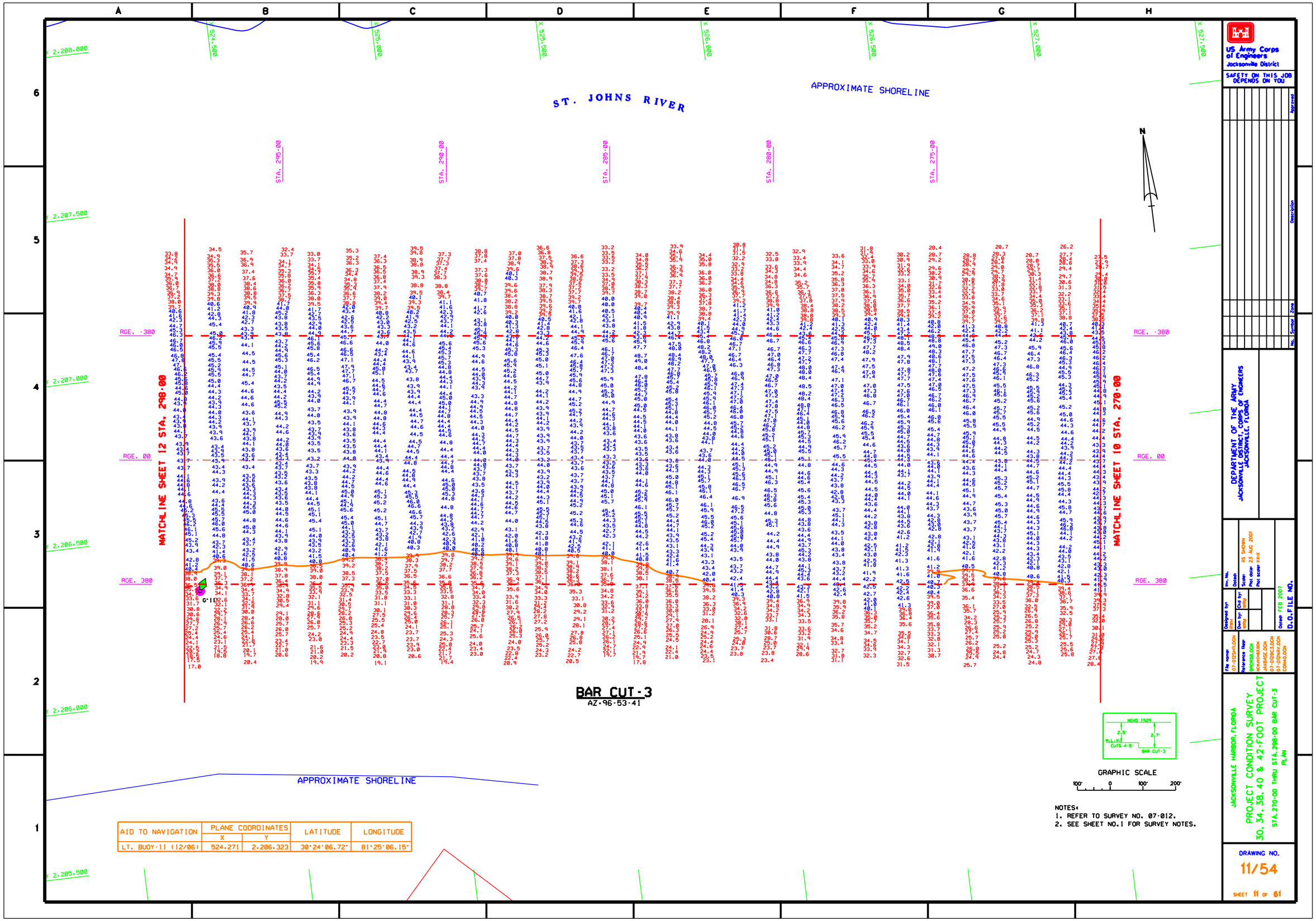
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA.210+00 THRU STA.240+00 BAR CUT-3
PLAN

DRAWING NO.
9/54

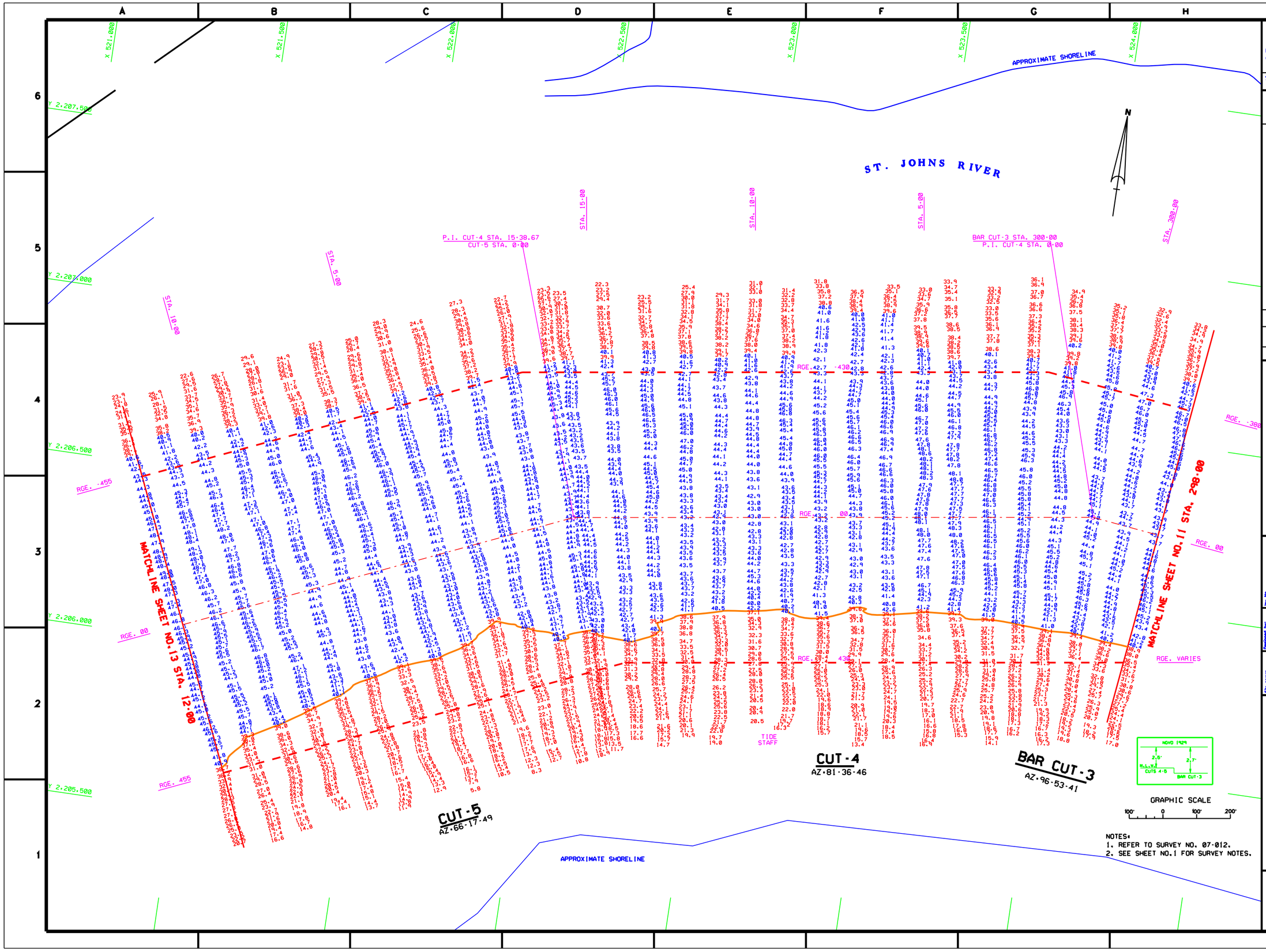
SHEET 9 OF 54



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-10 (12/06)	529.372	2.206.517	30°24'00.82"	81°24'07.90"
SIGN (12/06)	528.352	2.207.279	30°24'16.33"	81°24'19.58"



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-11 (12/06)	524.271	2,206.323	30°24'06.72"	81°25'06.15"



NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

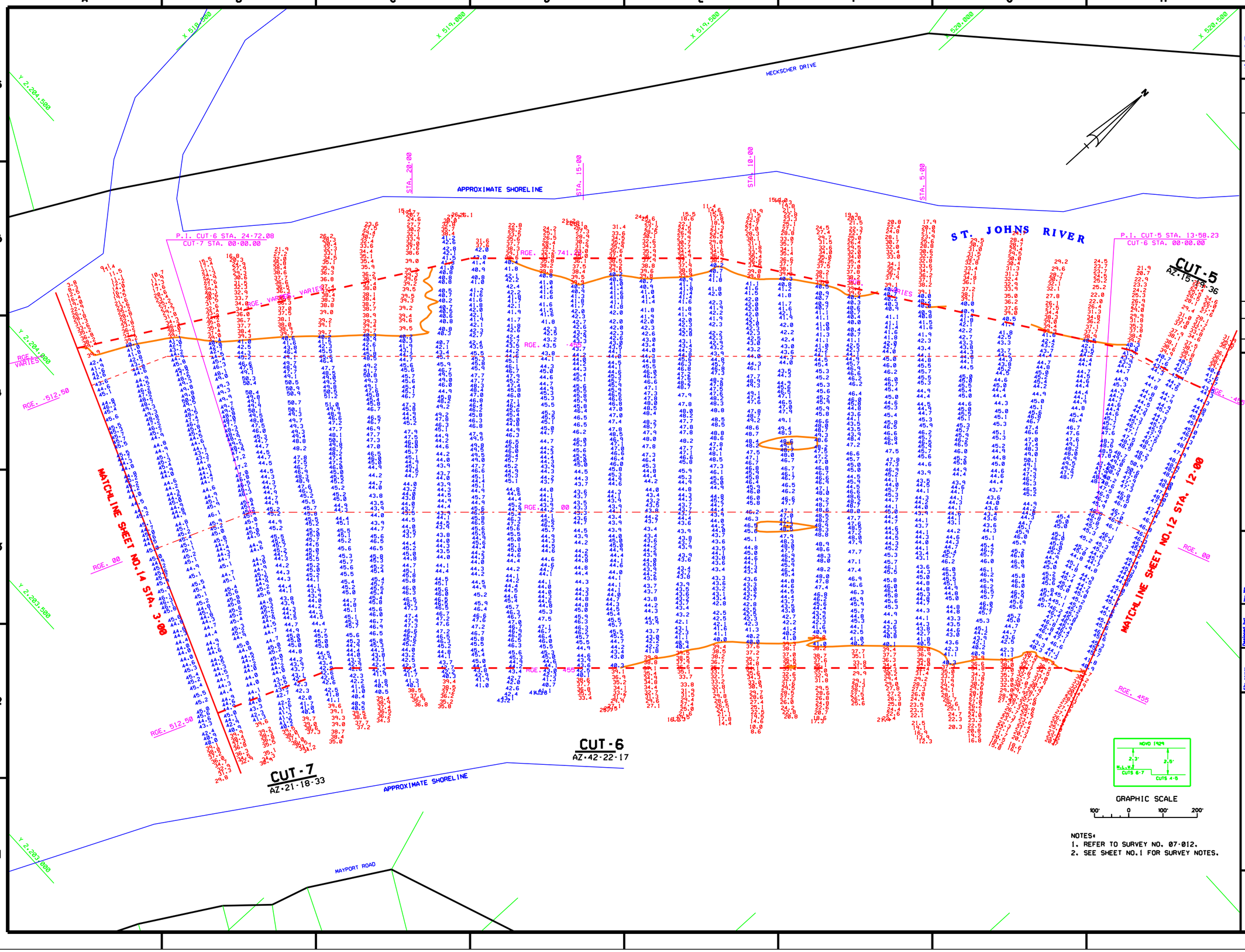
Designed by: RWH
Drawn by: WWW
Ckd by: RWH
Scale: AS SHOWN
Plot date: 23 AUG 2001
Plot scale: XXX
Date: NOV 2006
D.O.FILE NO.

File name: 07-012SH12.DGN
References files: B00088.DGN JAXBASE.DGN NEWJAXBASE.DGN 07-012SE3.DGN 07-012SE4.DGN 07-012SE5.DGN COM40.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA.298+00 CUT-3 THRU STA.12+00 BAR CUT-5
PLAN

DRAWING NO.
12/54

SHEET 12 OF 61



NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Rev. No.	Symbol	Zone	Description	Approved

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

Designed by: TRW
Dwn by: TRW
Chk by: TRW
Date: FEB 2007
D.O.F.ILE NO.

Rev. No.
Date:
Scale: AS SHOWN
Rev date: XX XX XXXX
Rev scale: XXXX

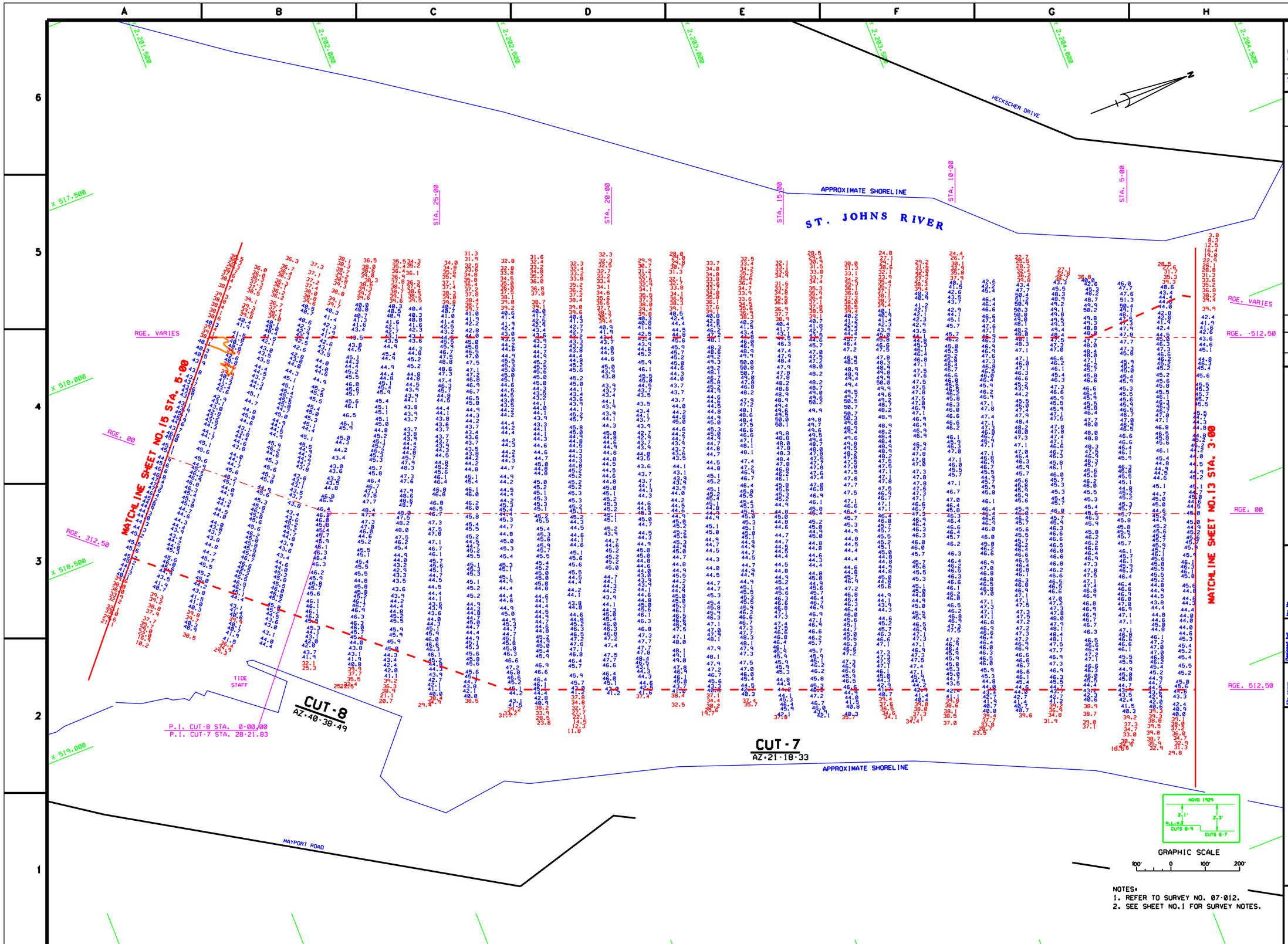
File name: 07-012SHT3.DGN
Reference files: BBORGN.DGN
RCWCUT40.DGN
JAXBASE.DGN
07-012C1.DGN
07-012C15.DGN
07-012CT17.DGN
CONALL.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 12+00 CUT-5 THRU STA.3+00 CUT-7
PLAN

DRAWING NO.
13/54

SHEET 13 OF 61



NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Designed by TRW | Dwn by TRW | Ckd by TRW | Rev. No. | Date: | Scale: AS SHOWN | Plot date: XX XX XXXX | Plot scale: XXX:X

Date: FEB 2007
D.O.FILE NO. XX-XX.XXX

File name: 07-012SHL1.DGN, 30GRSL.DGN, 34GRSL.DGN, 38GRSL.DGN, 40GRSL.DGN, 42GRSL.DGN, 07-012CT7.DGN, 07-012CT8.DGN, COVER.DGN

JACKSONVILLE HARBOR, FLORIDA

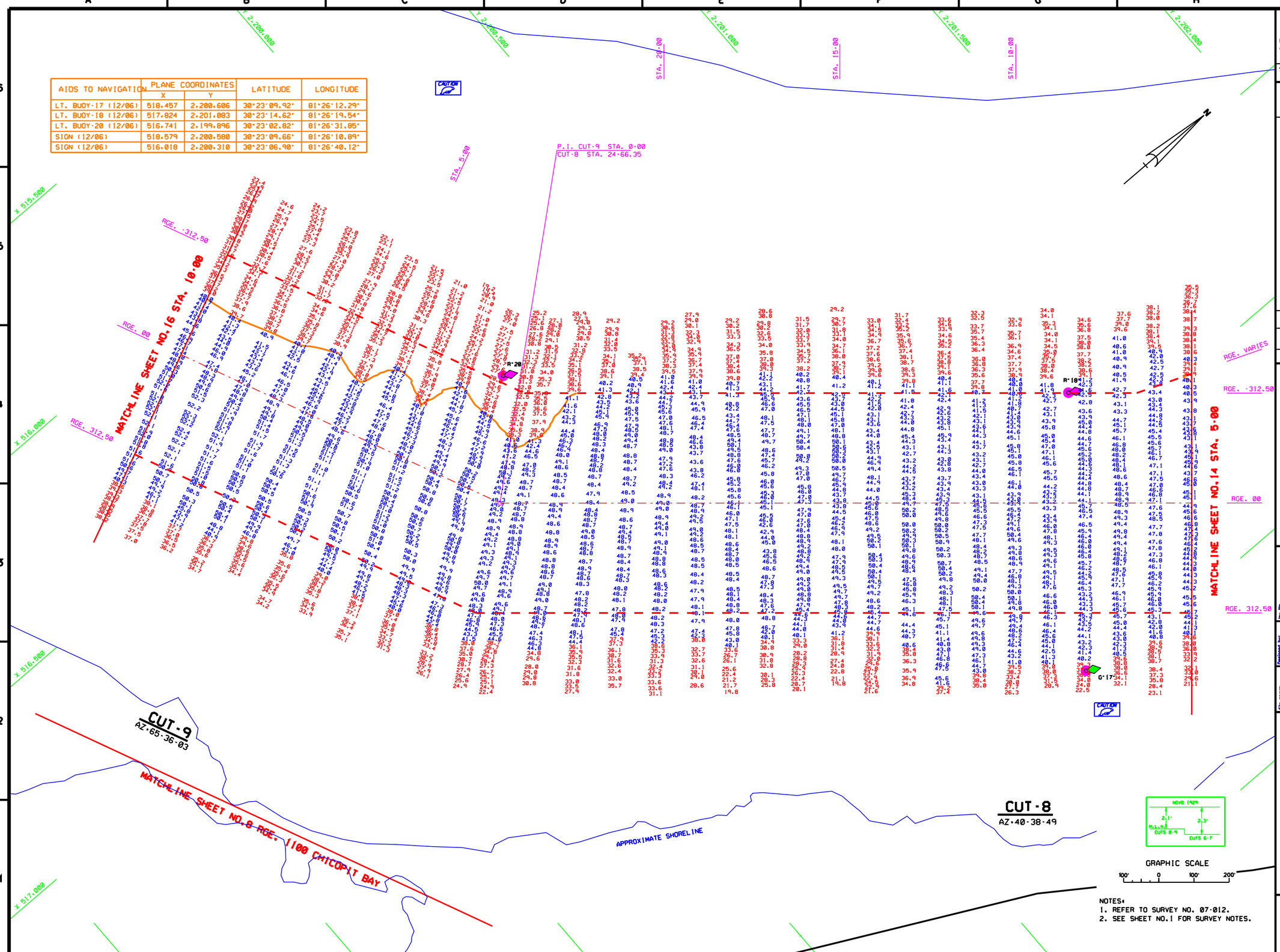
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT

STA.5+00 CUT-7 THRU STA.5+00 CUT-8
PLAN

DRAWING NO.
14/54

SHEET 14 OF 61

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-17 (12/06)	518.457	2.200.606	30°23'09.92"	81°26'12.29"
LT. BUOY-18 (12/06)	517.824	2.201.083	30°23'14.62"	81°26'19.54"
LT. BUOY-20 (12/06)	516.741	2.199.896	30°23'02.82"	81°26'31.85"
SIGN (12/06)	518.579	2.200.580	30°23'09.66"	81°26'10.89"
SIGN (12/06)	516.018	2.200.310	30°23'06.90"	81°26'40.12"



NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

Inv. No.
Date:
Scale: AS SHOWN
Plot date: MM DD YYYY
Plot scale: XXX

Designed by: RMH
Dwn by: CRW
Ckd by: WMW

Dated: FEB 2007

D.O. FILE NO.

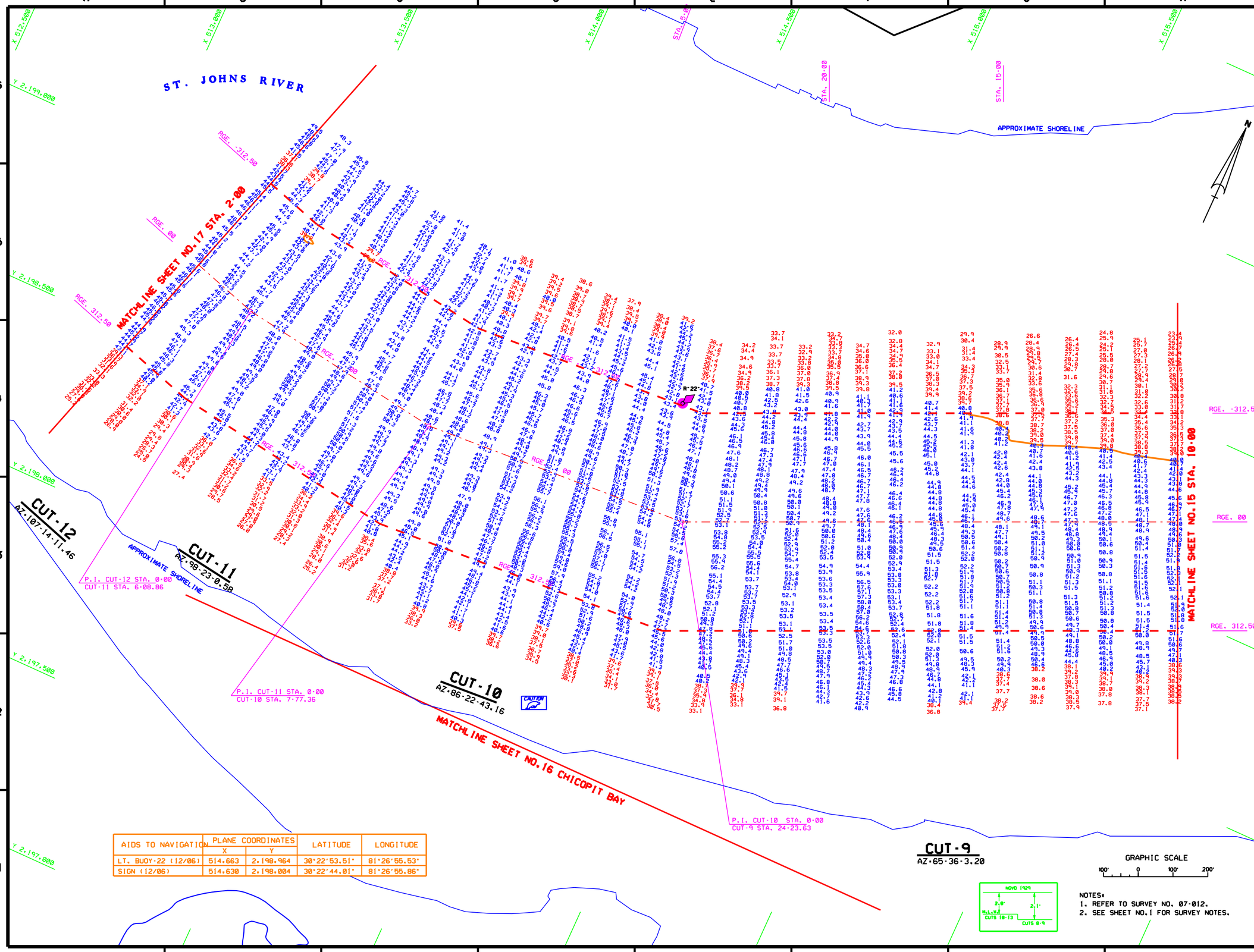
File name: 07-012SHEL.DGN
Reference files: BSOSB.DGN, NEWCHS.DGN, JAXBASE.DGN, 07-012C16.DGN, 07-012C17.DGN, 07-012C18.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 5+00 CUT-8 THRU STA. 11+00 CUT-9
PLAN

DRAWING NO.
15/54

SHEET 15 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-22 (12/06)	514.663	2.198.964	30°22'53.51"	81°26'55.53"
SIGN (12/06)	514.630	2.198.004	30°22'44.01"	81°26'55.86"

NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

Inv. No.
Date:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: RWM
Dwn by: RWM
Chkd by: RWM

Date: FEB 2007
D.O.FILE NO.

File name: 07-012SHEL.DGN

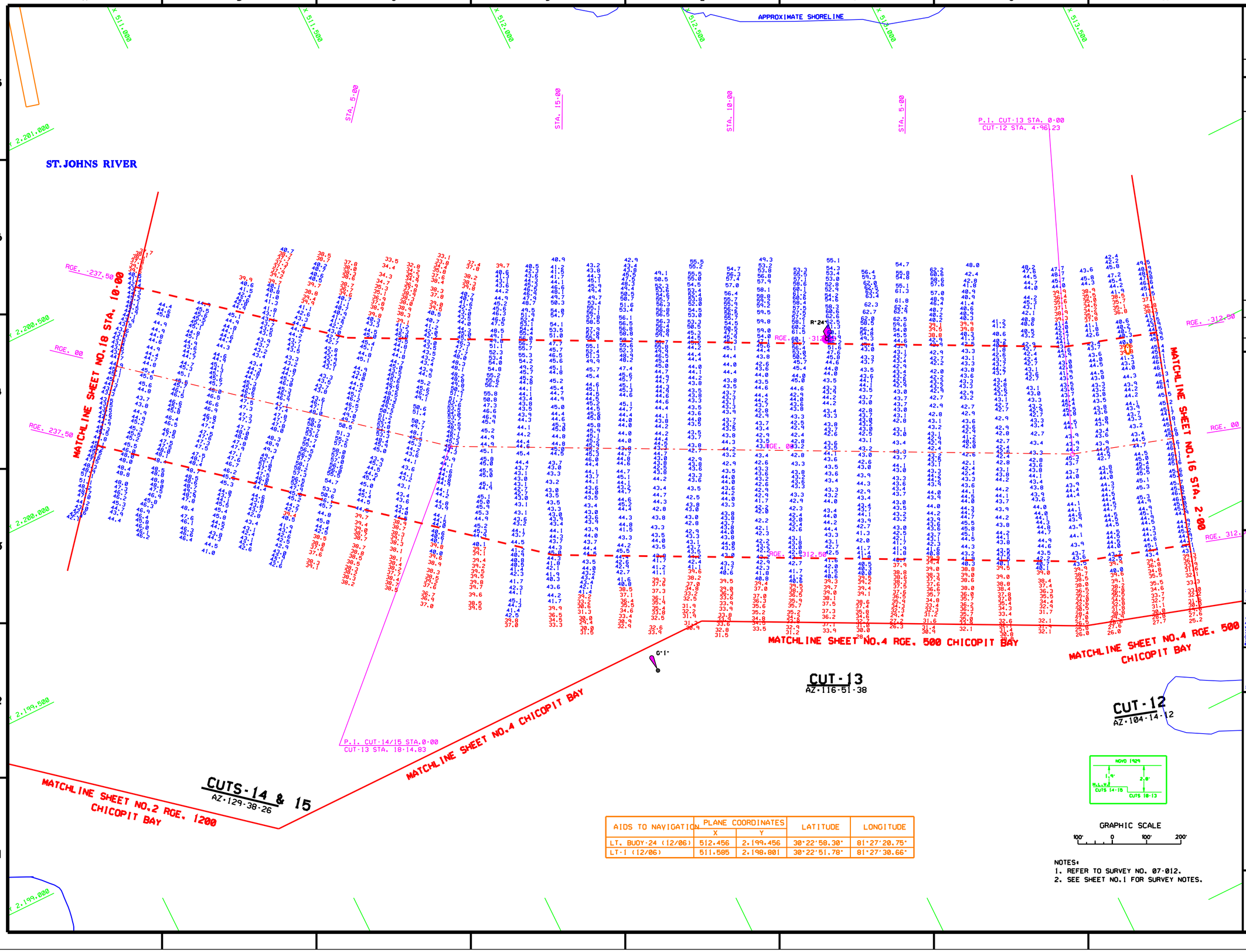
Reference files: BROSS.DGN, CONTOUR.DGN, AERIAL.DGN, 07-012C19.DGN, 07-012C11.DGN, 07-012C12.DGN, 07-012C13.DGN, CONVO.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 38 & 42-FOOT PROJECT
STA. 10+00 CUT-9 THRU STA. 2+00 CUT-12
PLAN

DRAWING NO.
16/54

SHEET 16 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-24 (12/06)	512.456	2,199.456	30°22'58.30"	81°27'20.75"
LT-1 (12/06)	511.585	2,198.801	30°22'51.78"	81°27'30.66"

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

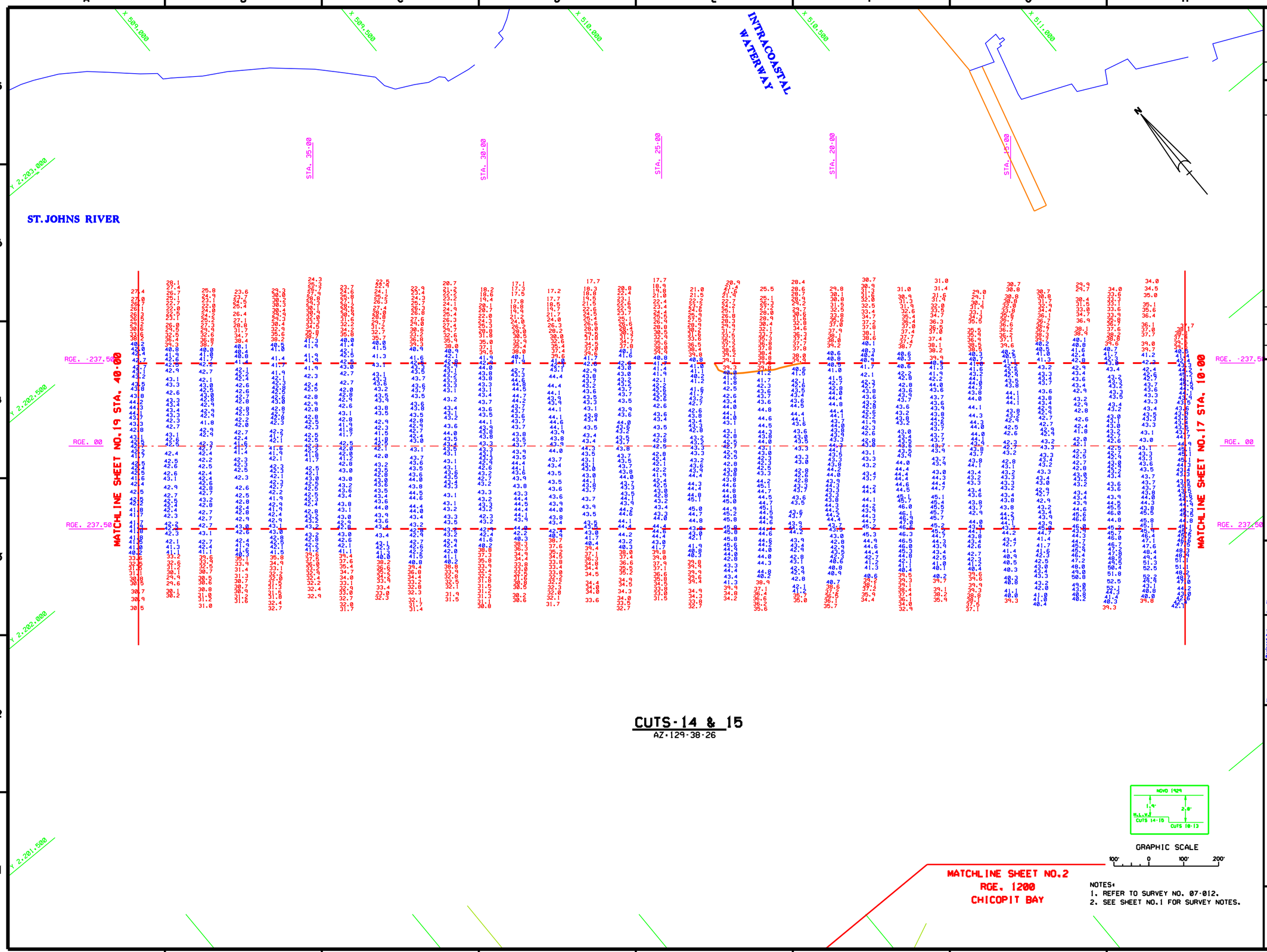
Designed by: FWH
Dwn by: WRW
Chk by: WRW
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Date: FEB 2007
D.O.FILE NO.

File name: 07-012SHT17.DGN
Reference files: BROWSE.DGN, REGIONS1.DGN, 07-012C11.DGN, 07-012C12.DGN, 07-012C15.DGN, 07-012C14.DGN, 07-012CUT.DGN, CONT17.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA.2+00 CUT-12 THRU STA.10+00 CUTS-14/15
PLAN

DRAWING NO.
17/54

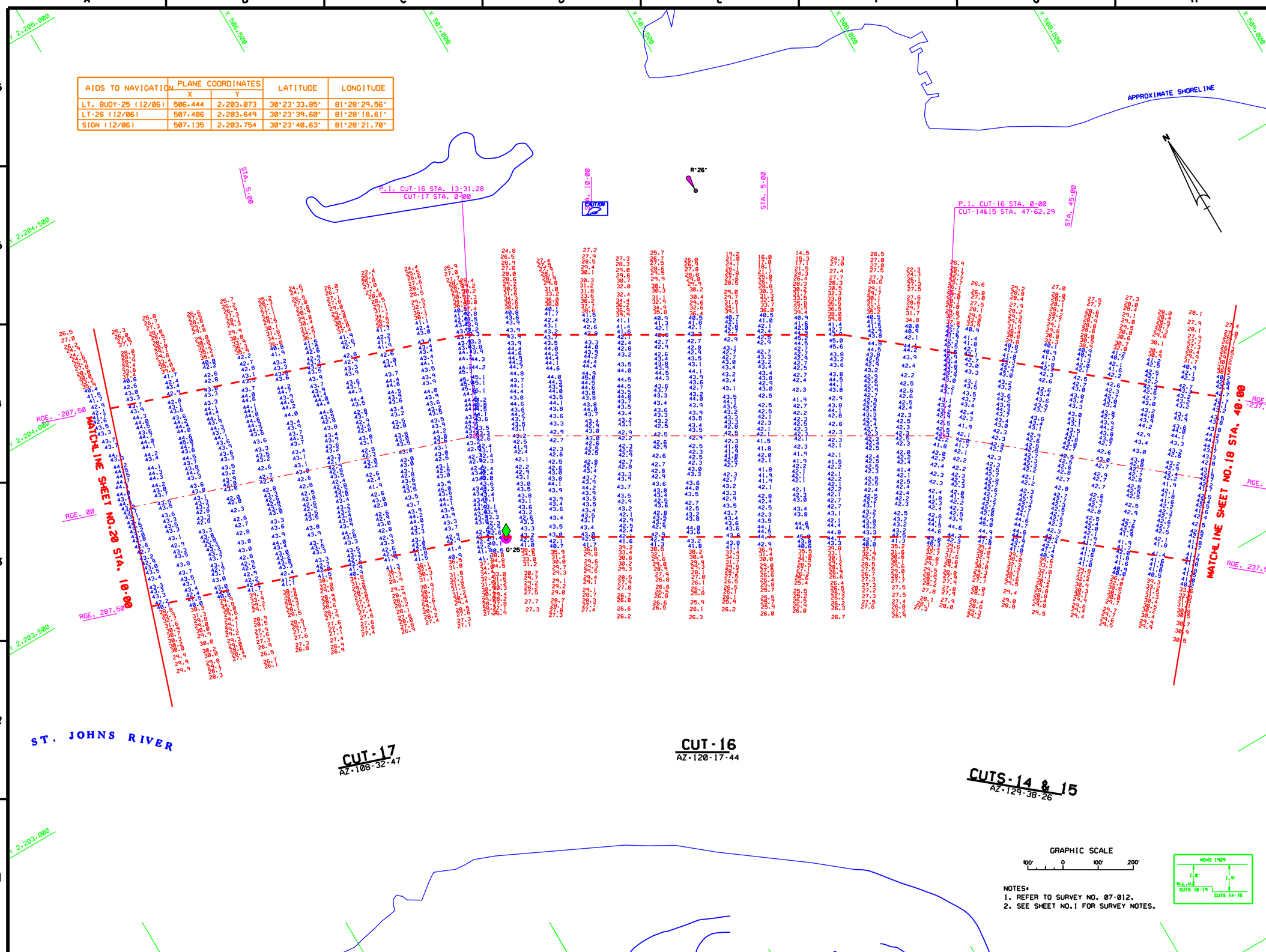
SHEET 17 OF 61



CUTS-14 & 15

AZ-129-38-26

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-25 (12/06)	506.444	2,203.073	30°23'33.85"	81°28'29.56"
LT-26 (12/06)	507.406	2,203.649	30°23'39.60"	81°28'18.61"
SIGN (12/06)	507.135	2,203.754	30°23'40.63"	81°28'21.70"



NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No.
Detail
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: Fern
Dwn by: CTS
Ckd by: WMP

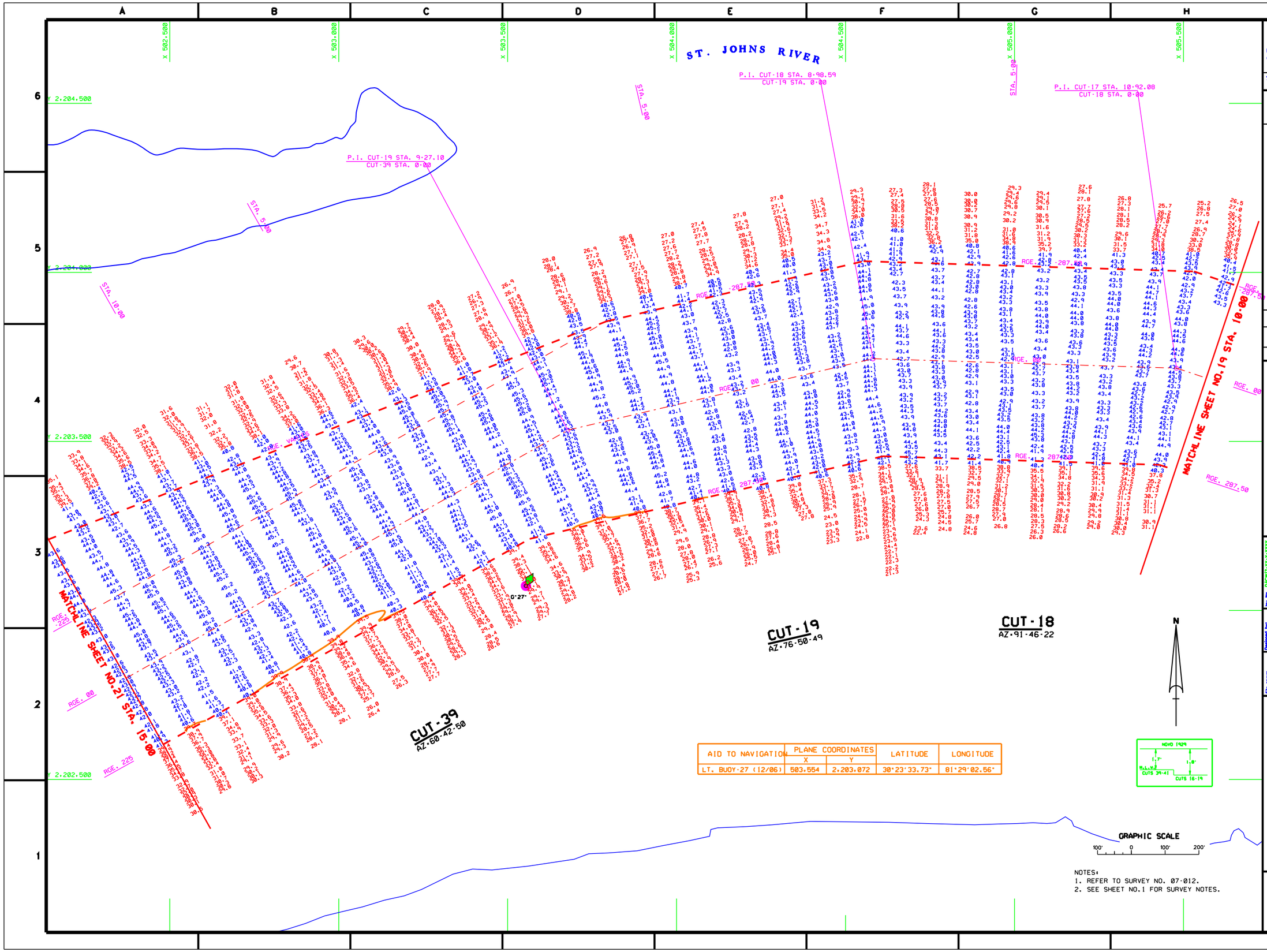
Date: FEB 2007
D.O.FILE NO. XX-XX,XXX

File name: 07-012SHB.DGN
Reference files: BBOBB.DGN NEWJCHES.DGN JAXBASE.DGN 07-012CH14.DGN 07-012CH15.DGN 07-012CH17.DGN 07-012MAP.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA.40+00 CUTS-14/15 THRU STA.10+00 CUT-17
PLAN

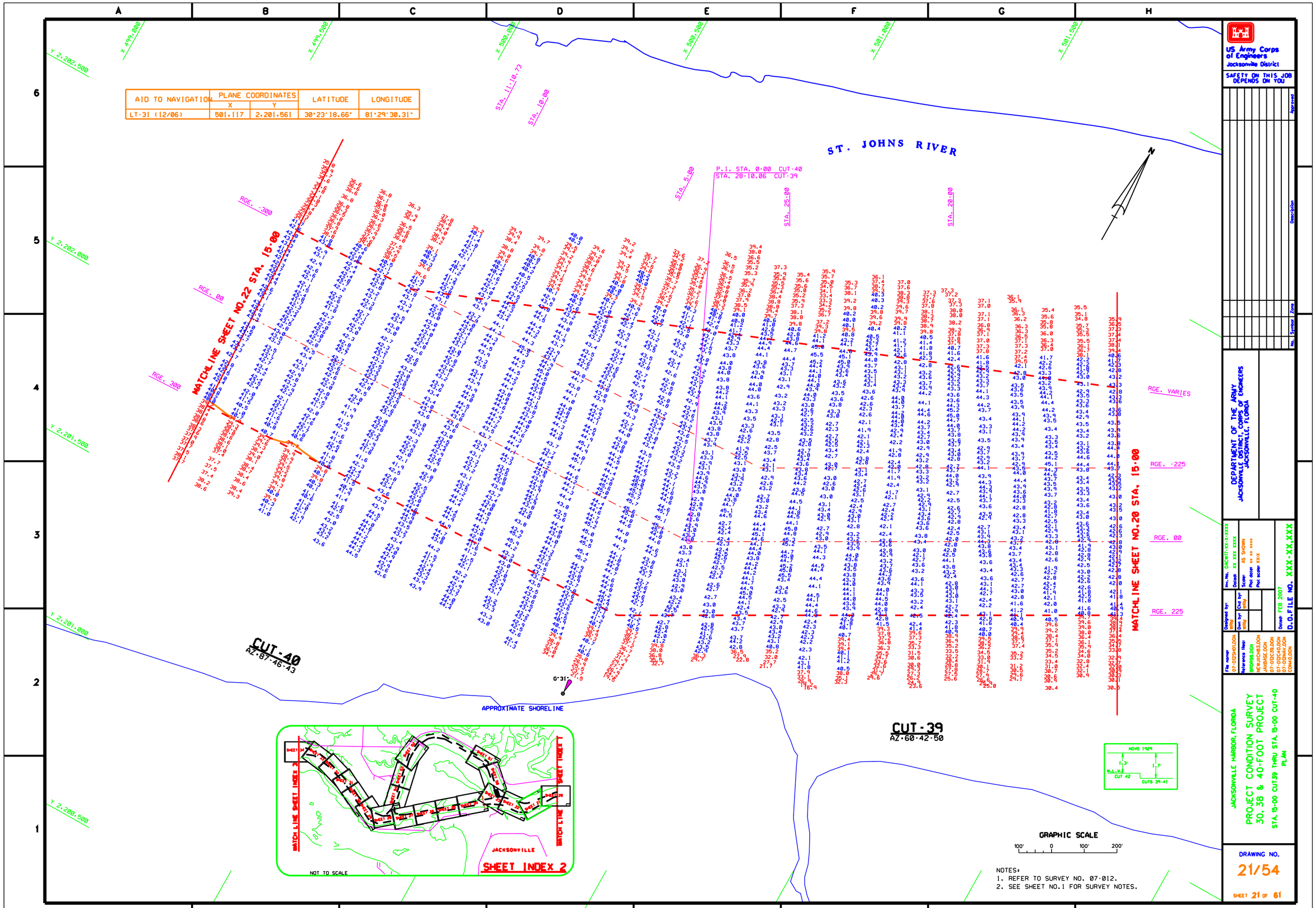
DRAWING NO.
19/54

SHEET 19 OF 61



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-27 (12/06)	503.554	2.203.072	30°23'33.73"	81°29'02.56"

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-31 (12/06)	501.117	2,201.561	30°23'18.66"	81°29'30.31"



NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

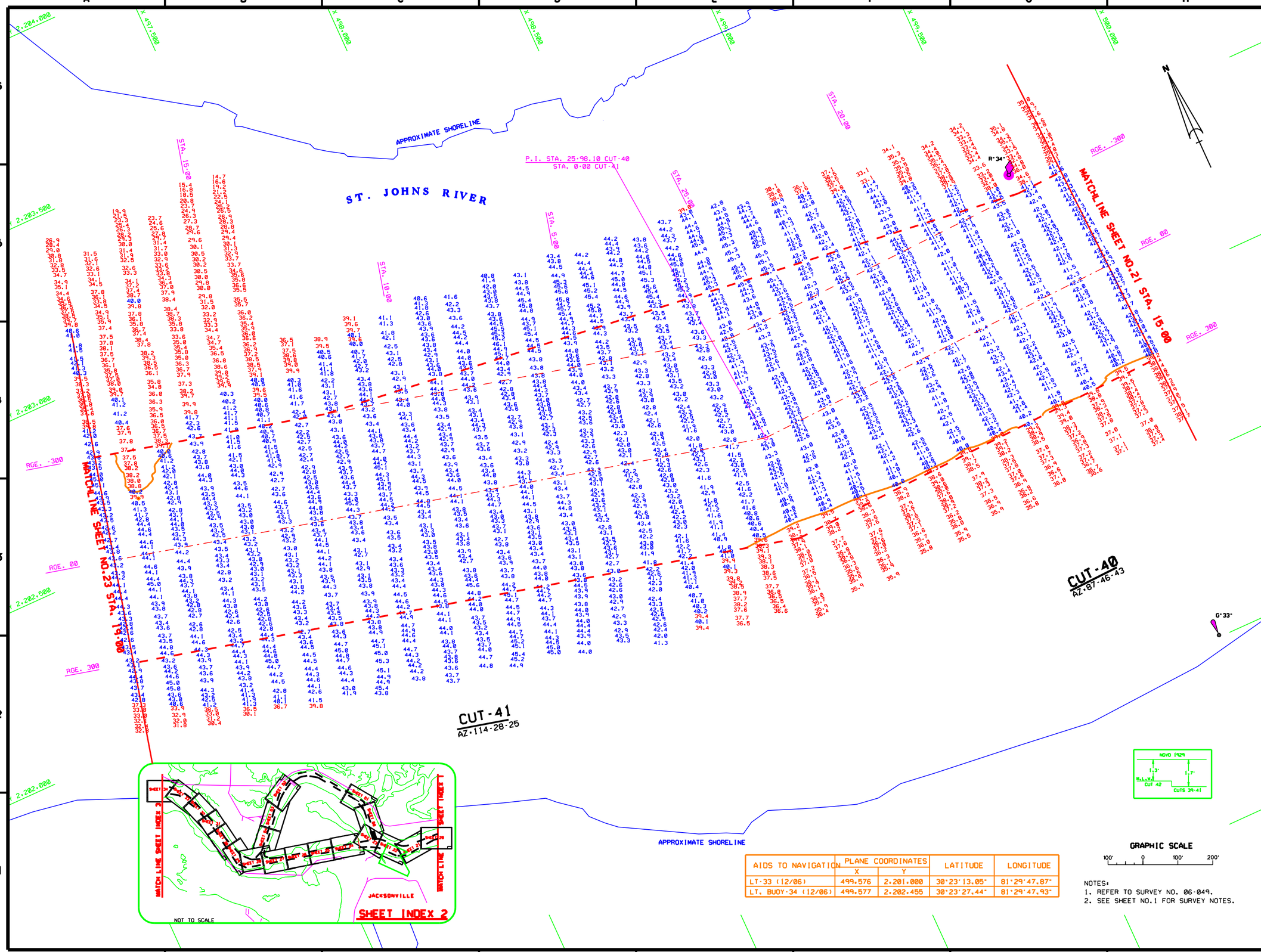
Inv. No. DACW17-XX-X-XXXX
Calcs XX XXX XXXX
Scale AS SHOWN
Plot date XX XX XXXX
Plot scale XXX
Designed by RMW
Dwn by RMW
Chk by RMW
Date FEB 2007
D.O.FILE NO. XXX-XX.XXX

File name 07-012SHOLD.DGN
Tolerance files BGORSB.DGN
NEWJUCHES.DGN
JAXBASE.DGN
07-012C59.DGN
07-012C40.DGN
07-012C39.DGN
COMHOLD.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
STA. 15-00 CUT39 THRU STA. 15-00 CUT-40
PLAN

DRAWING NO.
21/54

SHEET 21 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-33 (12/06)	499.576	2.201.000	30°23'13.05"	81°29'47.87"
LT. BUOY-34 (12/06)	499.577	2.202.455	30°23'27.44"	81°29'47.93"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 06-049.
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	Approved

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

Rev. No. DACW17-XX-X-XXXX
Design XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: PMG
Dwn by: PMG
Ckd by: PMG

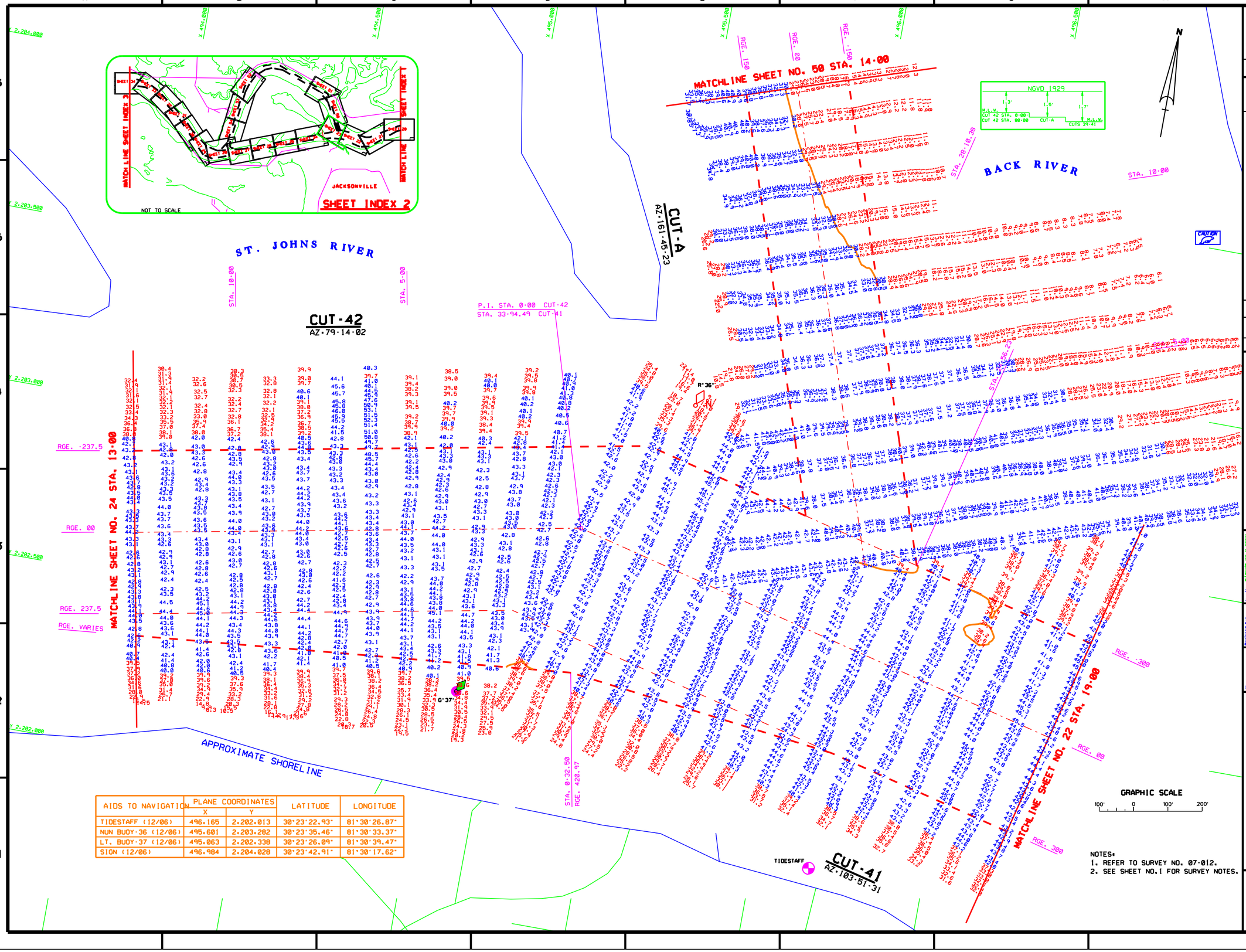
Date: FEB 2007
D.O.FILE NO. XXX-XX.XXX

File name: 07-02SH22.DGN
Reference files: BG096.DGN NEWJXC03.DGN JAXBASE.DGN 07-02DC40.DGN 07-02DC41.DGN 07-02SH01.DGN CONA.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
STA. 15+00 CUT-40 THRU STA. 19+00 CUT-41
PLAN

DRAWING NO.
22/54

SHEET 22 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
TIDESTAFF (12/06)	496.165	2.202.013	30°23'22.93"	81°30'26.87"
NUN BUOY-36 (12/06)	495.601	2.203.282	30°23'35.46"	81°30'33.37"
LT. BUOY-37 (12/06)	495.063	2.202.338	30°23'26.09"	81°30'39.47"
SIGN (12/06)	496.984	2.204.028	30°23'42.91"	81°30'17.62"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Vol.	Symbol	Zone	Description	Approved

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

Rev. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: XXX
Dwn by: XXX
Ckd by: XXX

Date: FEB 2007
D.O.F.FILE NO.

File name: 07-012SH23.DGN
Reference files: BSOFS8.DGN
NEWJUCH03.DGN
JAXBASE.DGN
07-012C1A.DGN
07-012C2.DGN
07-012C1A.DGN
07-012C2.DGN
COM40.DGN
CONTOUR.DGN

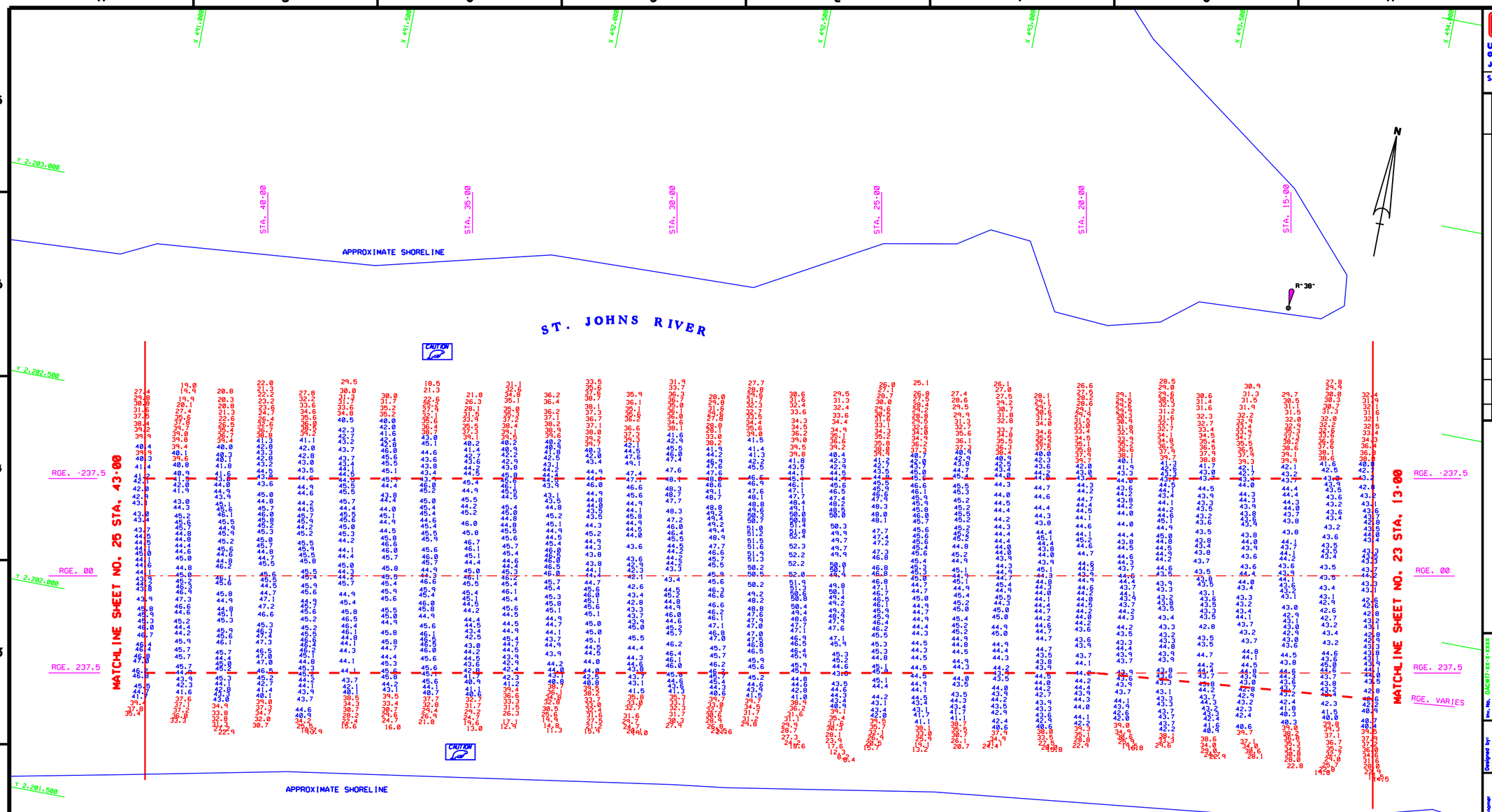
JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT

STA. 19+00 CUT 41 THRU STA. 15+00 CUT 42
PLAN

DRAWING NO.
23/54

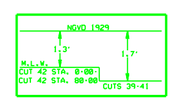
SHEET 23 OF 61



CUT-42

AZ-79-14-02

AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT-38 (12/06)	493,731	2,203,228	30°23'34.84"	81°30'54.72"
SIGN (12/06)	491,711	2,202,739	30°23'29.91"	81°31'17.76"
SIGN (12/06)	491,949	2,201,789	30°23'20.51"	81°31'14.99"



GRAPHIC SCALE

100' 0 100' 200'

1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dates: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: XXX
Dwn by: XXX
Ckd by: XXX

Date: FEB 2007

D.O.FILE NO.

File name: 07-012SQ24.DGN
Reference files: 890088.DGN, NEWJXC83.DGN, JAXBASE.DGN, 07-012CC42.DGN, 07-012MAN.DGN

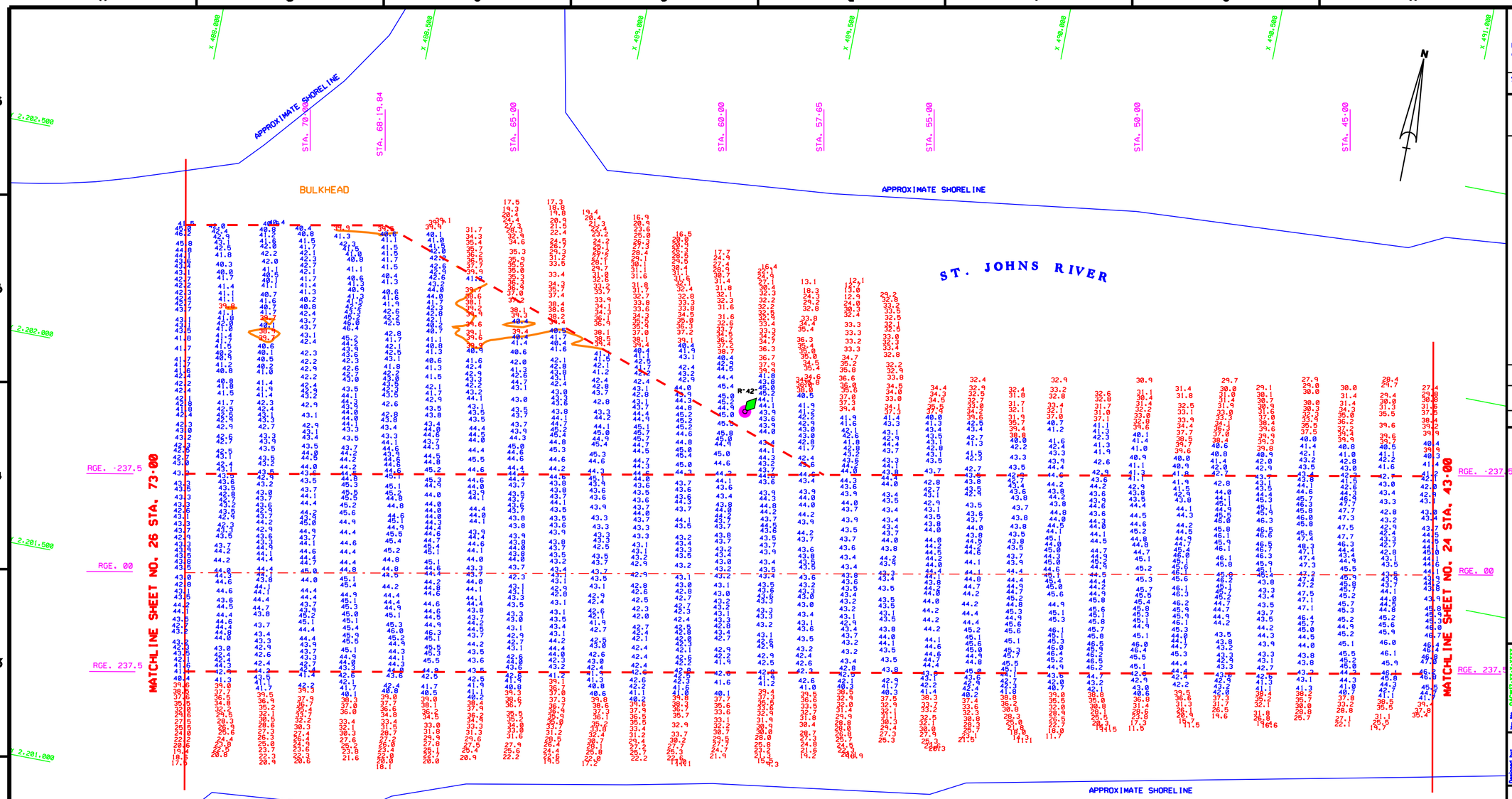
JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT

STA. 13+00 THRU STA. 43+00 CUT 42
PLAN

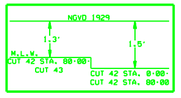
DRAWING NO.
24/54

SHEET 24 OF 61



CUT-42

AZ-79-14-02



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-42 (12/06)	489.413	2.202.141	30°23'23.89"	81°31'43.96"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dates: XX XXX XXXX
Scale: AS SHOWN
Pol date: XX XX XXXX
Pol scale: XX.X

Designed by: XXX
Dwn by: XXX
Chk by: XXX
Date: FEB 2007
D.O.FILE NO.

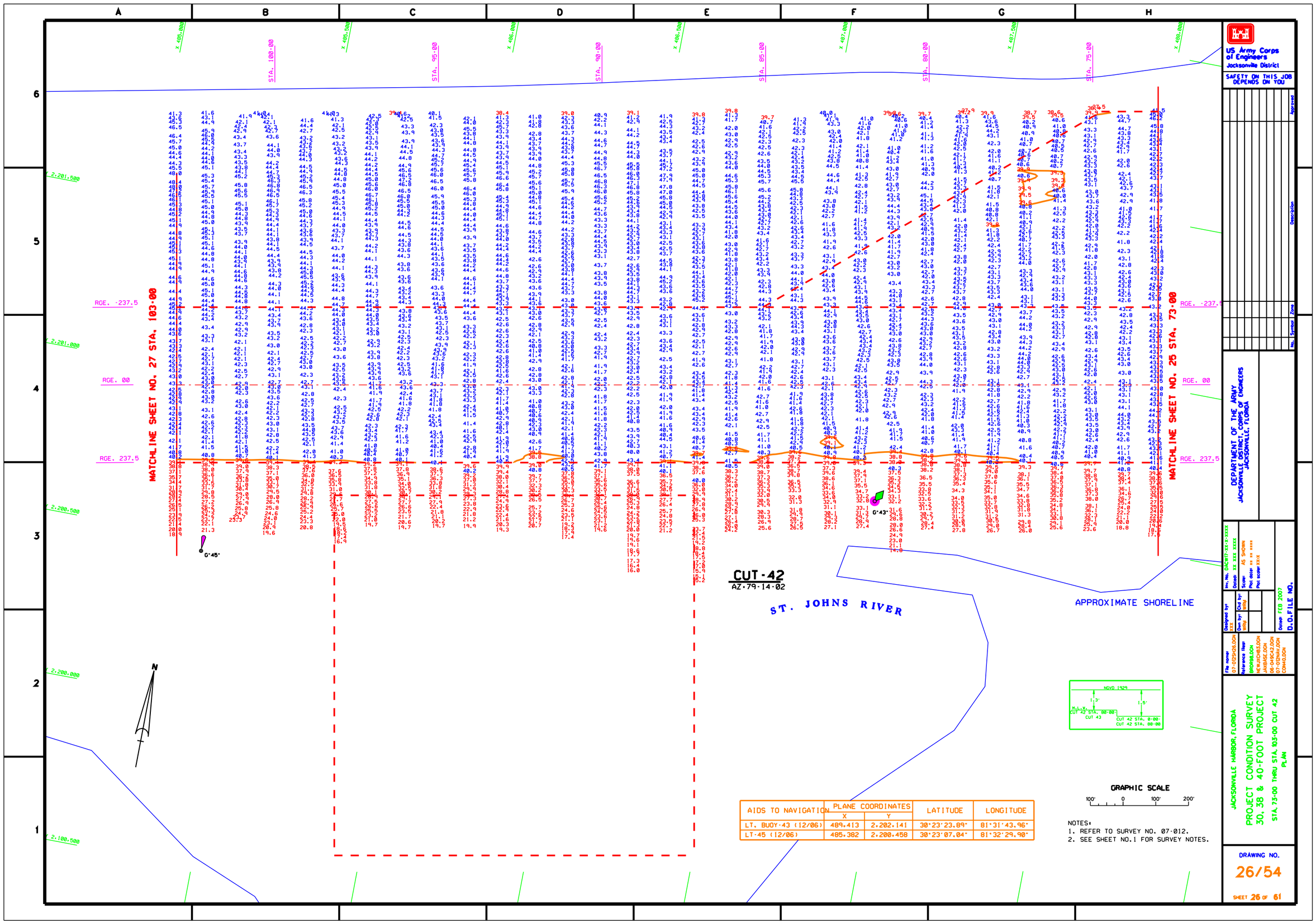
File name: 07-012SHS25.DGN
Reference files: 8000SA.DGN, NEWJUCH8S.DGN, JAXBASE.DGN, 07-02CA2.DGN, 07-02NAV.DGN, COMMON.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
STA.43+00 THRU STA.73+00 CUT 42
PLAN

DRAWING NO.
25/54

SHEET 25 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-43 (12/06)	489.413	2,202.141	30°23'23.89"	81°31'43.96"
LT-45 (12/06)	485.382	2,200.458	30°23'07.04"	81°32'29.90"

NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Approved | Description | Date | Symbol | No.

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

Rev. No. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: XXX
Dwn by: XXX
Ckd by: XXX
Date: FEB 2007
D.O.FILE NO.

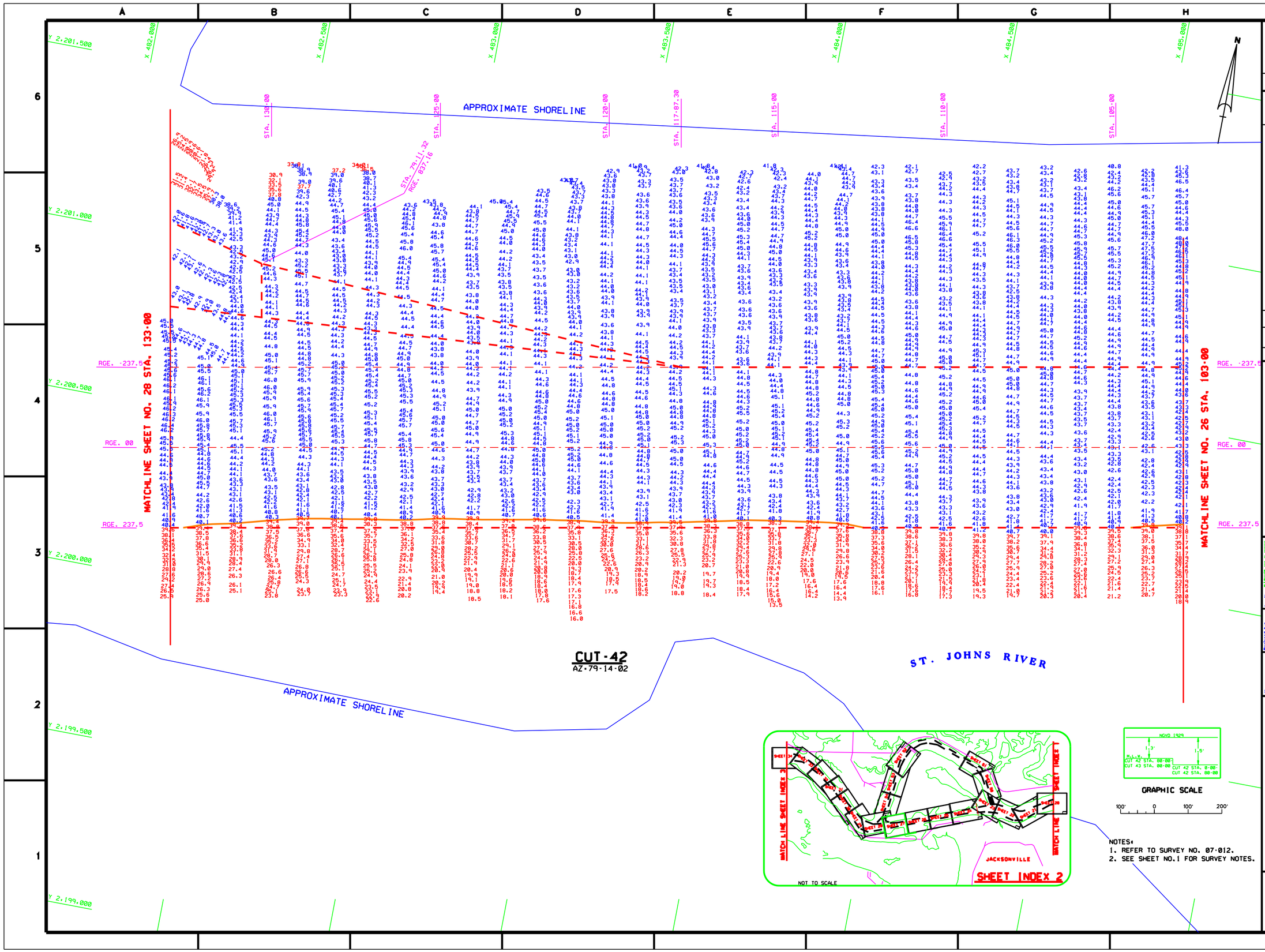
File name: 07-012SHEE.DGN
Reference files: 8900981.DGN, NEWJXCH8.DGN, JAXBASE.DGN, 06-04SCA2.DGN, 07-012NAV.DGN, COAST.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
STA. 73+00 THRU STA. 103+00 CUT 42
PLAN

DRAWING NO.
26/54

SHEET 26 OF 61



US Army Corps of Engineers
Jacksonville District

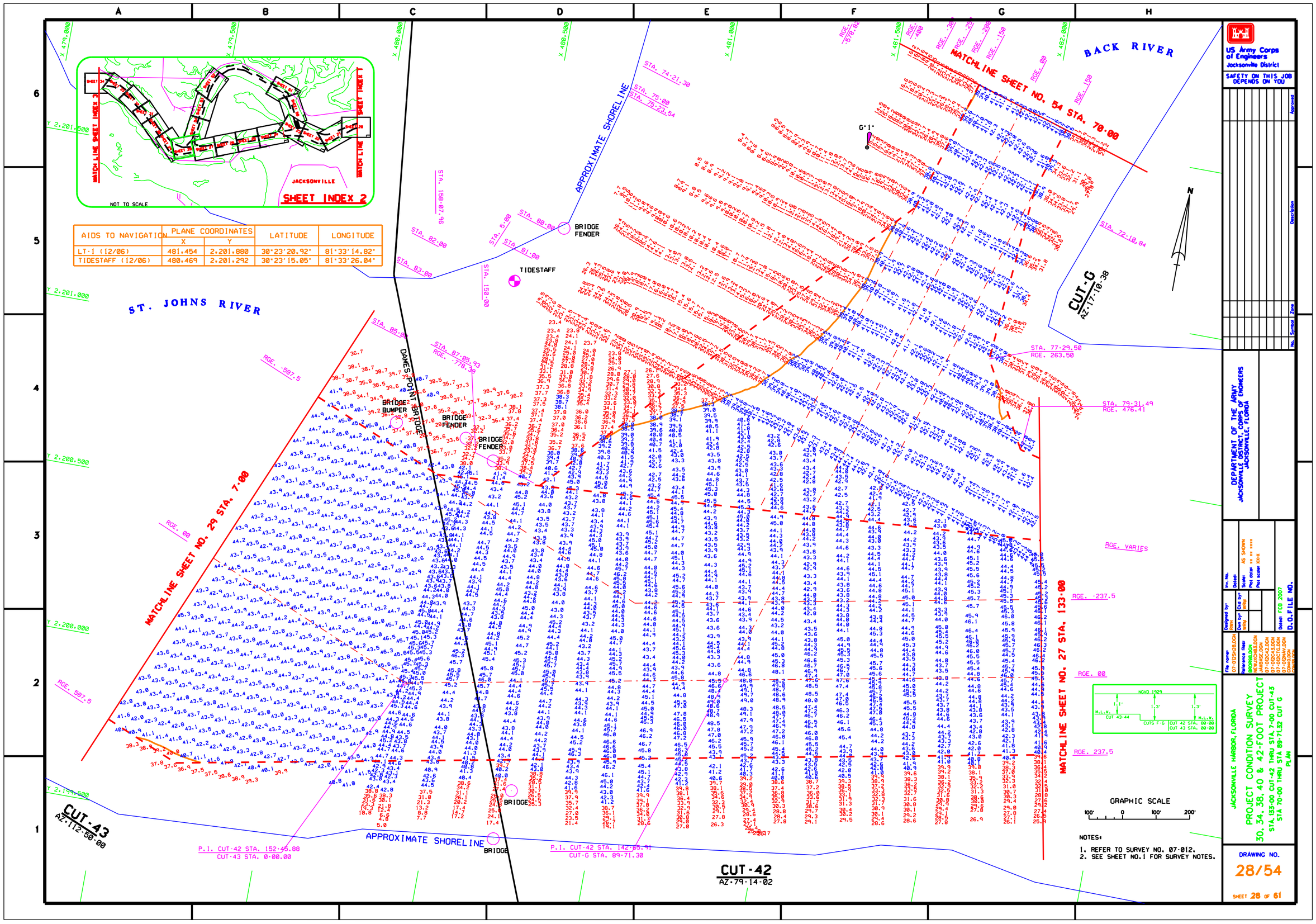
SAFETY ON THIS JOB DEPENDS ON YOU

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

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 103+00 THRU STA. 133+00 CUT 42
PLAN

DRAWING NO.
27/54
SHEET 27 OF 61

D.O.FILE NO.



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT-1 (12/06)	481.454	2.201.880	30°23'20.92"	81°33'14.82"
TIDESTAFF (12/06)	480.469	2.201.292	30°23'15.05"	81°33'26.04"

NOTES:

1. REFER TO SURVEY NO. 07-012.
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

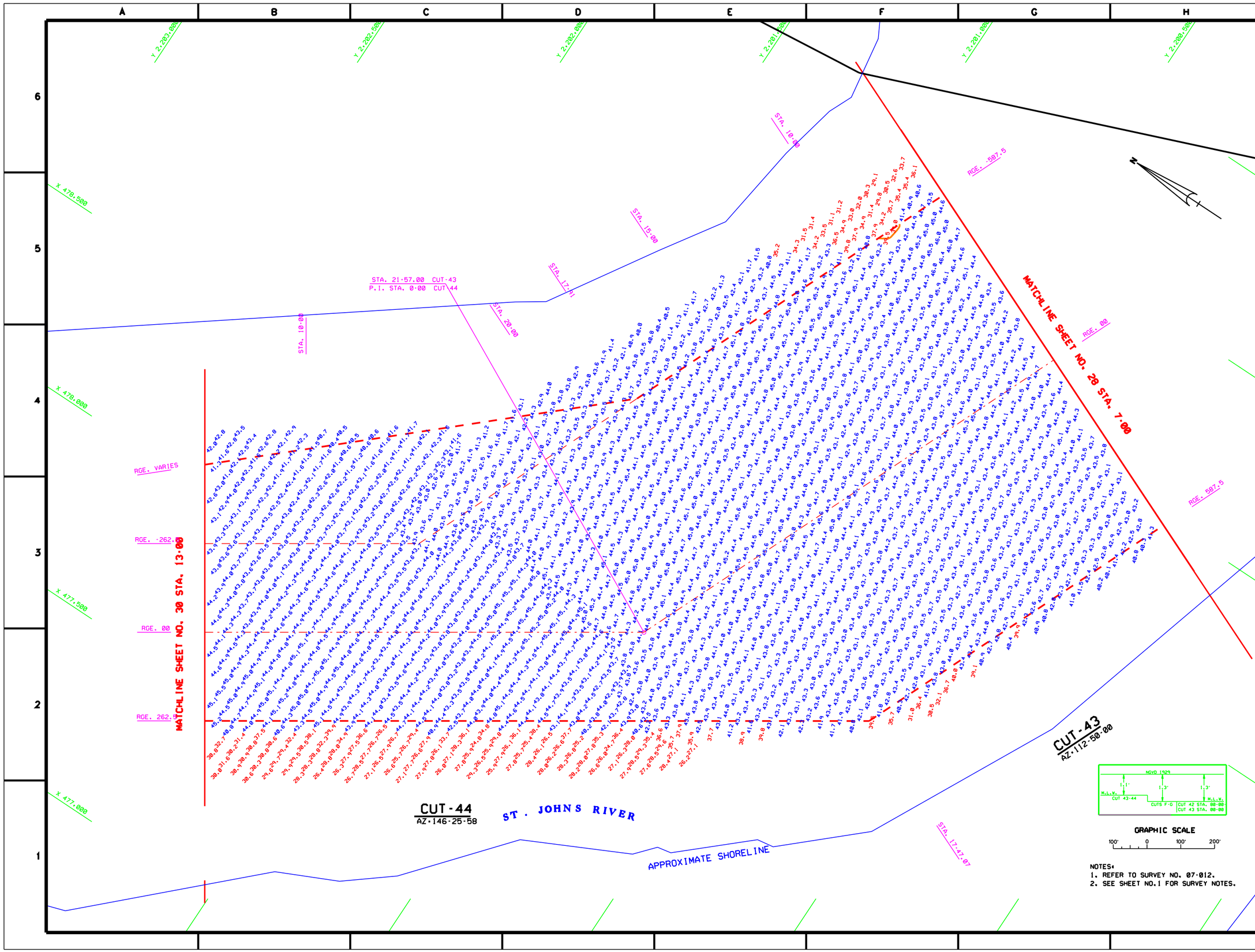
JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 133+00 CUT-42 THRU STA. 7+00 CUT-43
STA 70+00 THRU STA 89+71.32 CUT G
PLAN

Date: FEB 2007
D.O.FILE NO.

DRAWING NO.
28/54

SHEET 28 OF 61



NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No. JACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: KTK
Dwn by: KTK
Ckd by: KTK

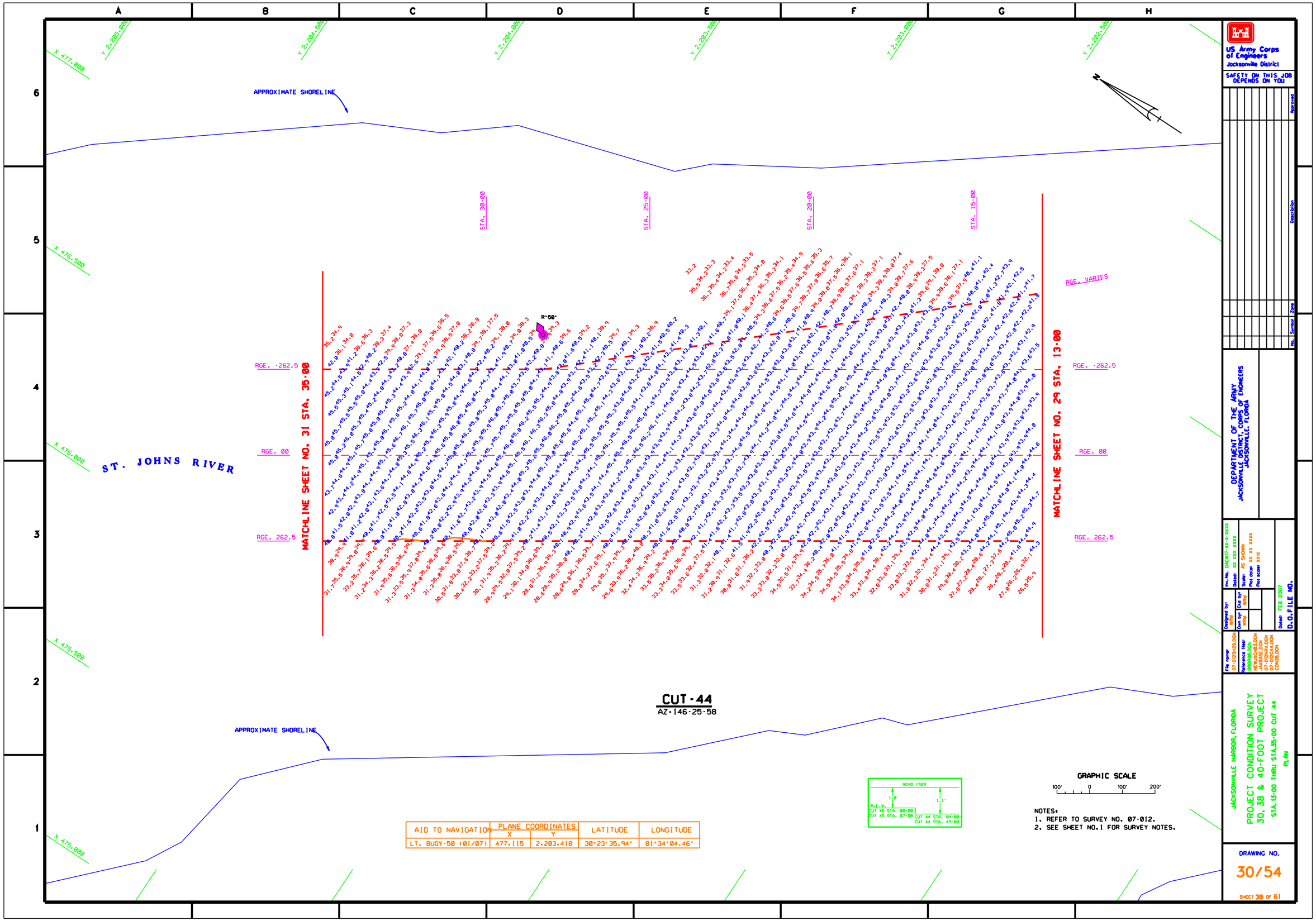
Dated: FEB 2007
D.O.FILE NO. XXX-XX.XXX

File name: 07-012SG29.DGN
Reference files: B6G98.DGN
NEWJUCH15.DGN
JAXBASE.DGN
07-012C43.DGN
07-012C44.DGN
CONVIG.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
STA. 7+00 CUT-43 THRU STA. 13+00 CUT-44
PLAN

DRAWING NO.
29/54

SHEET 29 OF 61



AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-50 (01/07)	477.115	2,203.418	30°23'35.94"	81°34'04.46"

NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

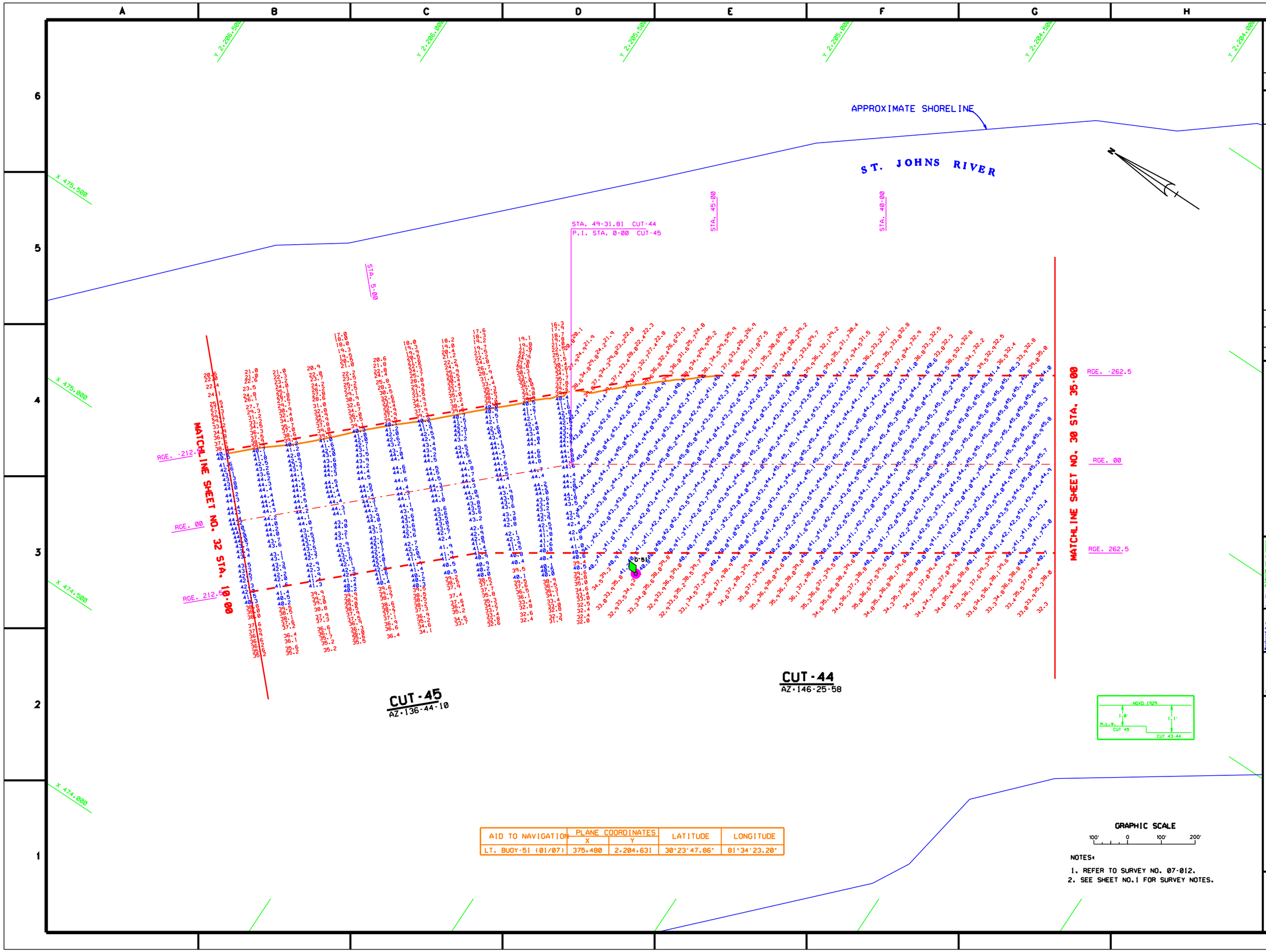
Rev. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: WRG
Dwn by: WRG
Ckd by: WRG
Dated: FEB 2007
D.O. FILE NO.

File name: 07-012SHC25.DGN
Reference files: BRDR98.DGN
AE_MCHS3.DGN
MAPGRID.DGN
07-012MAV.DGN
07-012CA4.DGN
CONS8.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
STA. 13+00 THRU STA. 35+00 CUT 44
PLAN

DRAWING NO.
30/54
SHEET 30 OF 61



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-51 (01/07)	375.480	2,204.631	30°23'47.86"	81°34'23.20"

NOTES:

1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No. DACW17-XX-P-XXXX
Dsign XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: RMH
Dwn by: STW
Cnd by: STW

Date: FEB 2007
D.O.F.ILE NO.

File name: 07-012SHL1.DGN
Reference files: BEORGB.DGN
NEWJUCH13.DGN
JAXBASE.DGN
07-012CL44.DGN
07-012CL45.DGN
07-012MAP.DGN
COM40.DGN

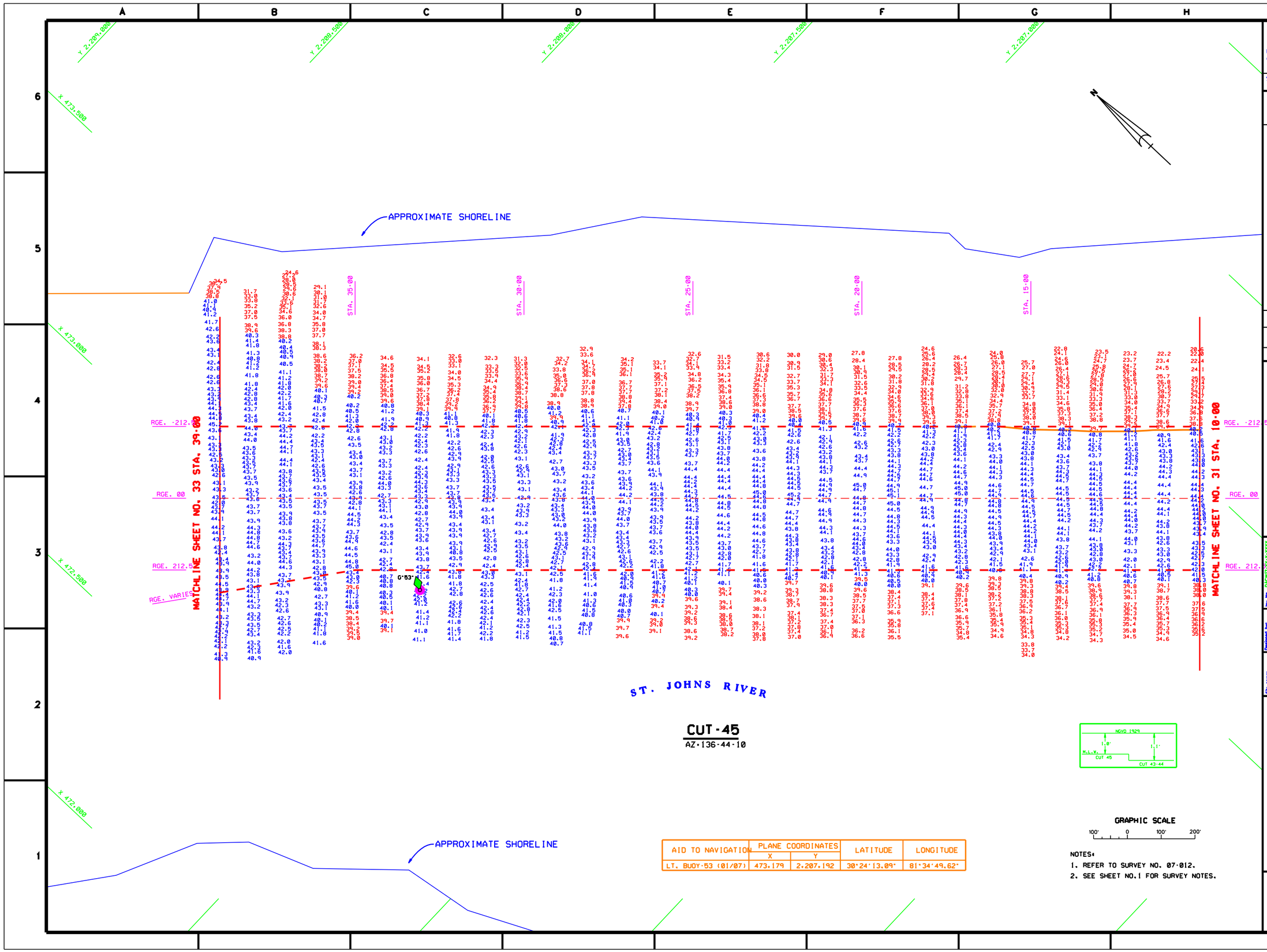
JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT

STA. 35+00 CUT-44 THRU STA. 10+00 CUT-45
PLAN

DRAWING NO.
31/54

SHEET 31 OF 61



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-53 (01/07)	473,179	2,207,192	30°24'13.09"	81°34'49.62"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 07-012.
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	Approved

DEPARTMENT OF THE ARMY
U.S. CORPS OF ENGINEERS
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. DACW17-X-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Pnt date: XX XX XXXX
Pnt scale: XXX

Designed by: TRH
Dwn by: TRH
Ckd by: TRH

Date: FEB 2007
D.O. FILE NO.

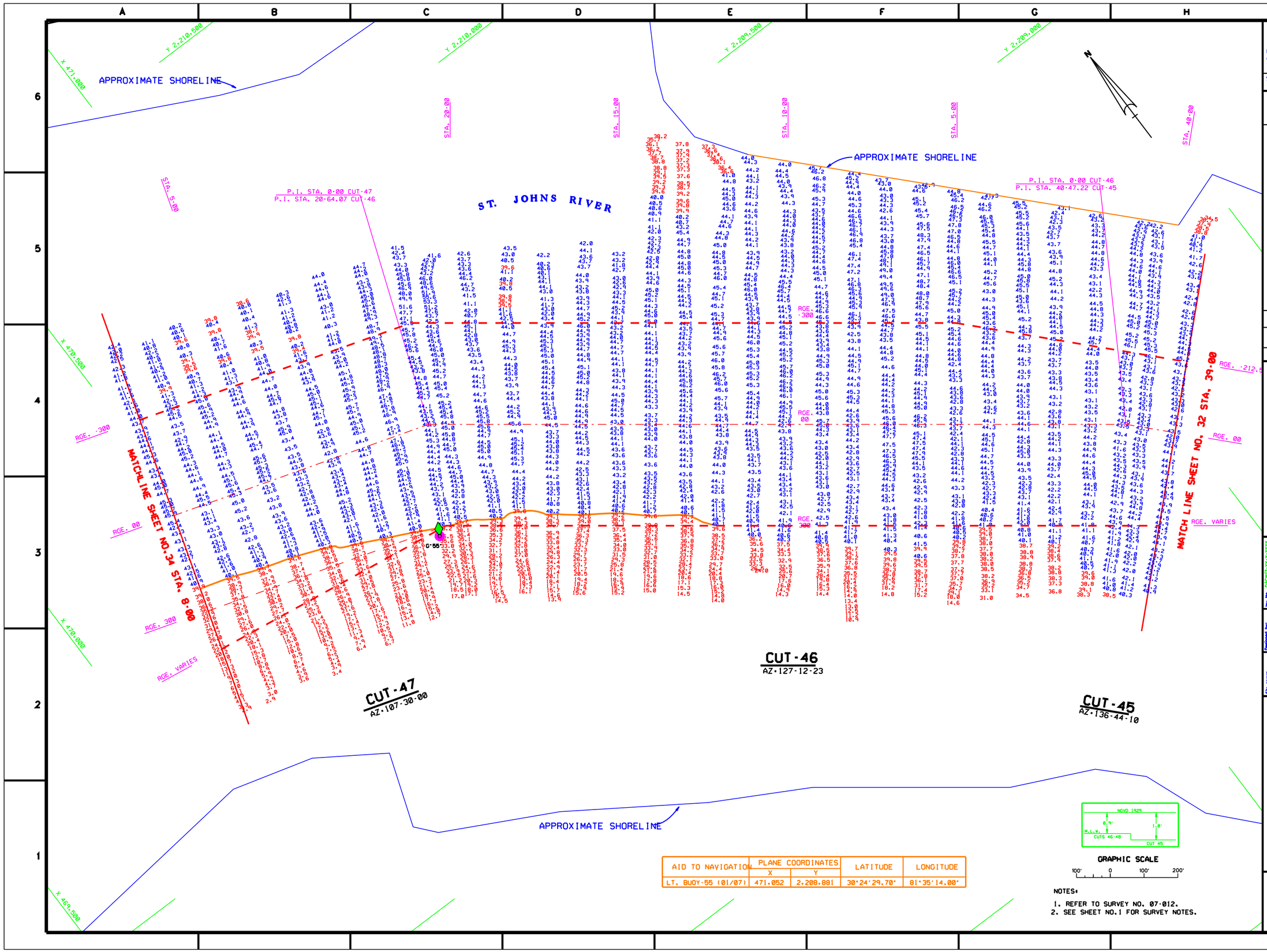
File name: 07-012H-S2.DGN
Reference files: BBORSO.DGN, NEWJACH83.DGN, JAXBASE.DGN, 07-012C4.DGN, 07-012NAV.DGN, COAAXL.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
STA. 10-00 THRU STA. 39-00 CUT-45
PLAN

DRAWING NO.
32/54

SHEET 32 OF 61



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-55 (01/07)	471,052	2,208,881	30°24'29.70"	81°35'14.00"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No. JACW17-X3-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: Rich
Dwn by: WRB
Ckd by: WRB
Dated: FEB 2007
D.O. FILE NO.

File name: 07-012SH33.DGN
Reference files: 2B0088.DGN
NEWJXCHB3.DGN
JAXBASE.DGN
07-012CS45.DGN
07-012CS47.DGN
07-012CS46.DGN
07-012CS48.DGN

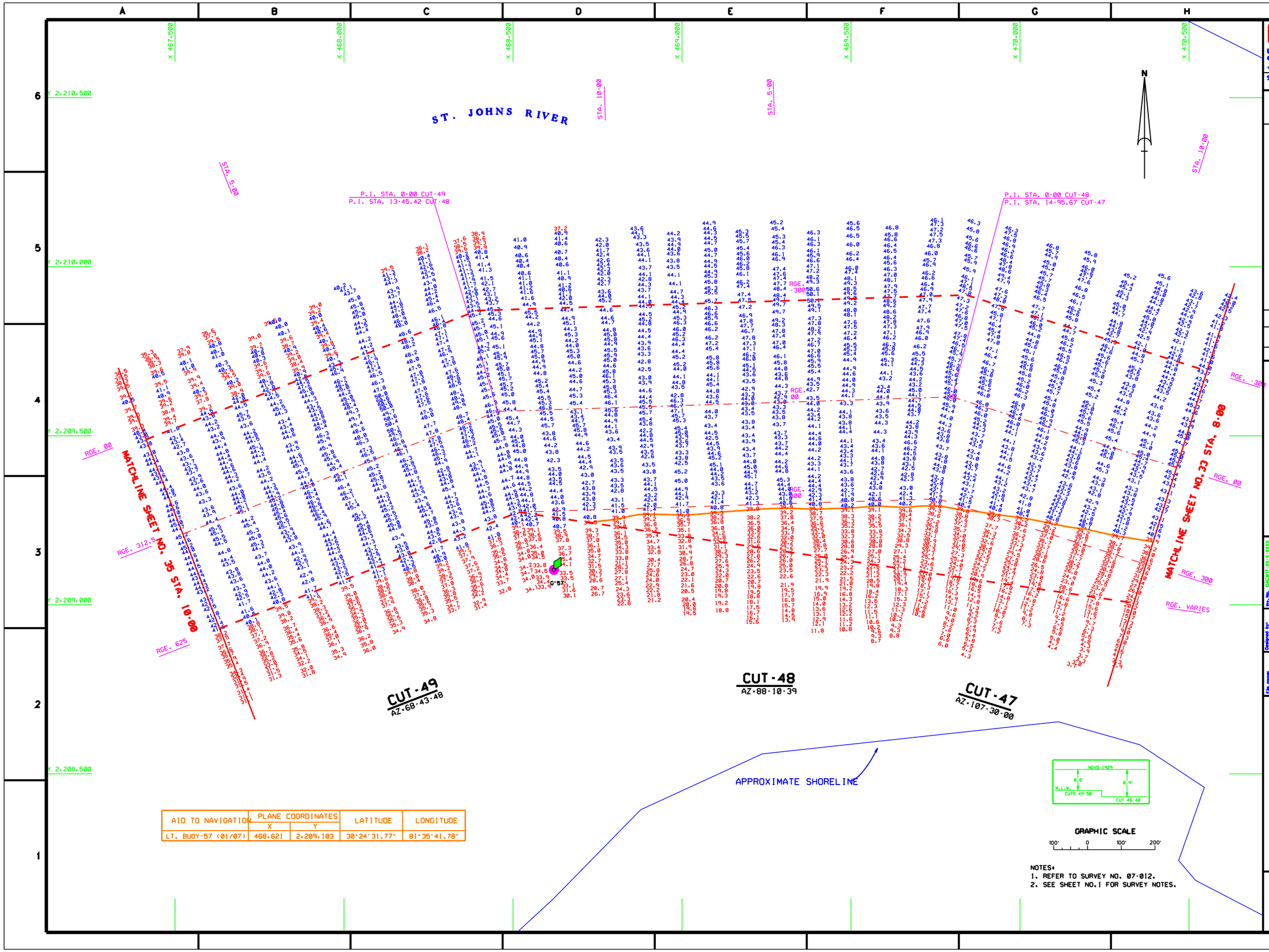
JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 38 AND 40-FOOT PROJECT

STA. 39+00 CUT-45 THRU STA. 8+00 CUT-47
PLAN

DRAWING NO.
33/54

SHEET 33 OF 61



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-57 (01/07)	468.621	2.209.103	30°24'31.77"	81°35'41.78"

NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: TRW
Dwn by: TRW
Ckd by: TRW

Date: FEB 2007
D.O. FILE NO.

File name:
07-012SHL54.DGN
Reference files:
BSDRG95.DGN
MEWJXCHS.DGN
MEWJXCHS.DGN
07-012C47.DGN
07-012C48.DGN
07-012C49.DGN
07-012MAP.DGN
COMAD.DGN

JACKSONVILLE HARBOR, FLORIDA

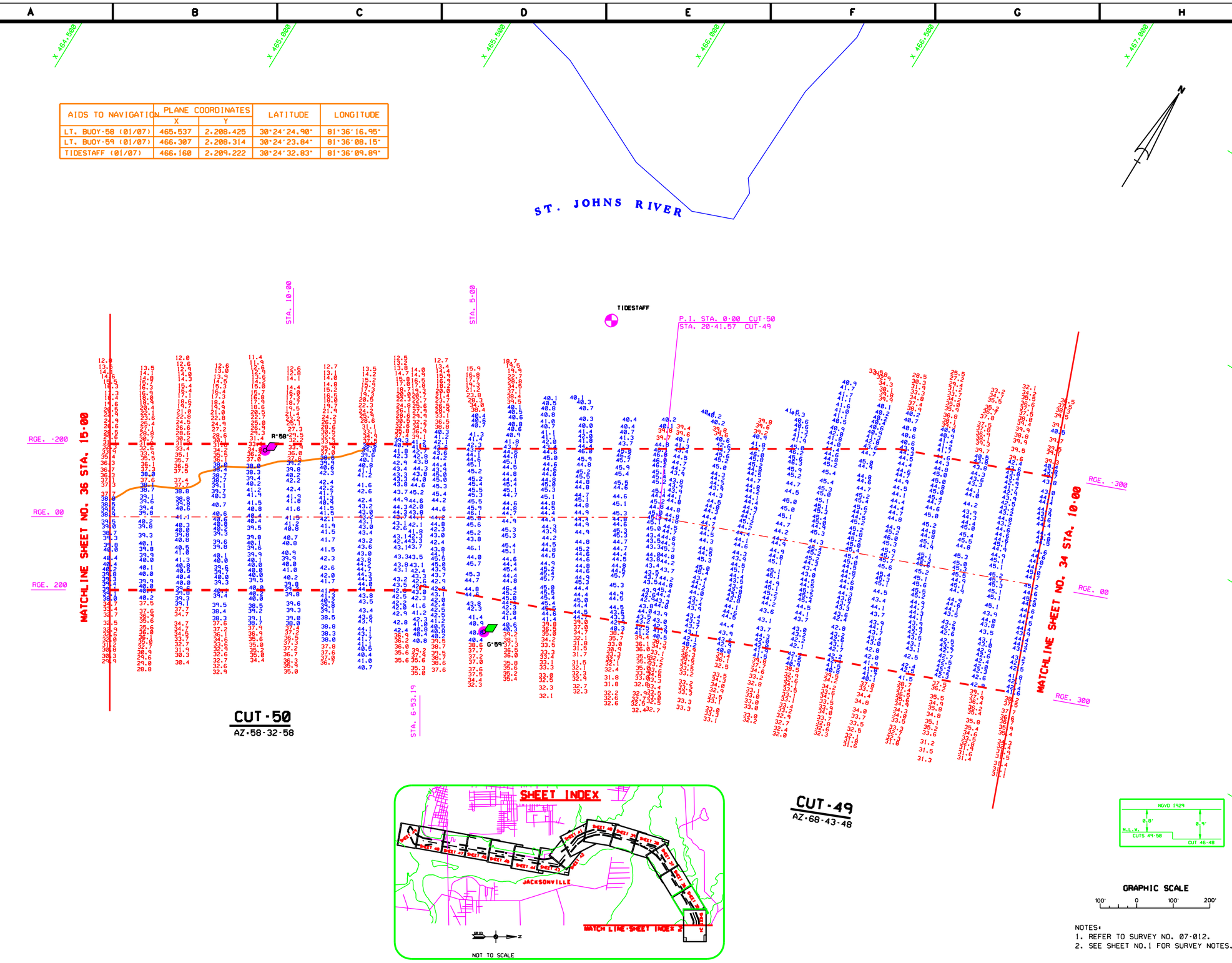
PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT

STA. 8-00 CUT-47 THRU STA. 10-00 CUT-49
PLAN

DRAWING NO.
34/54

SHEET 34 OF 61

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-58 (01/07)	465.537	2,208.425	30°24'24.90"	81°36'16.95"
LT. BUOY-59 (01/07)	466.307	2,208.314	30°24'23.84"	81°36'08.15"
TIDESTAFF (01/07)	466.160	2,209.222	30°24'32.83"	81°36'09.89"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No. DACW17-X-X-XXXX
Dsign: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: XXX
Dwn by: XXX
Ckd by: XXX

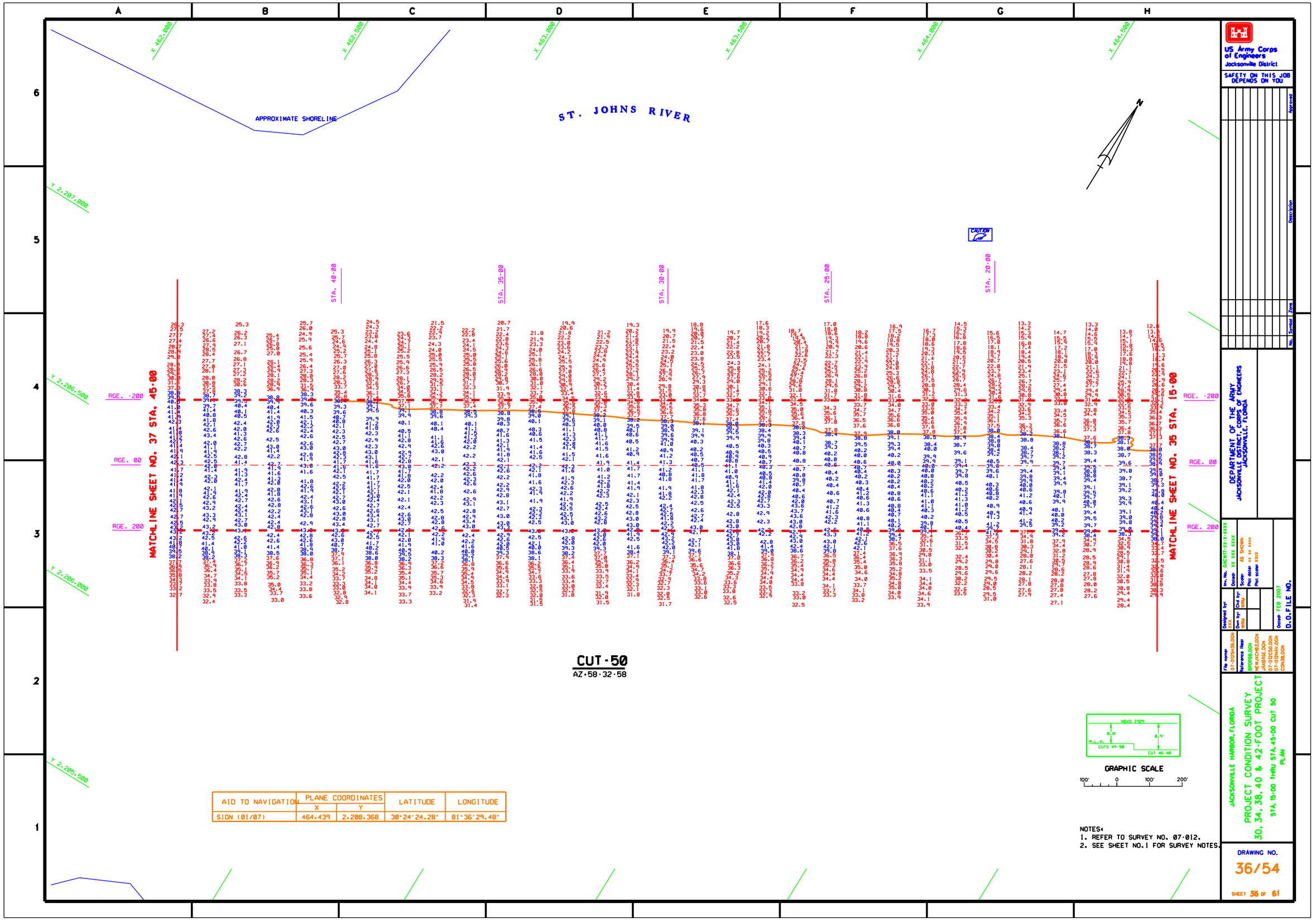
Date: FEB 2007
D.O. FILE NO.

File name: 07-012SUB.DGN, 07-012CUT.DGN, 07-012CSUB.DGN, CONSUB.DGN
Reference files: BROWB.DGN, NEWJICHS.DGN, JAXBASE.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
STA. 10+00 CUT 49 THRU STA. 15+00 CUT 50
PLAN

DRAWING NO.
35/54

SHEET 35 OF 61



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (01/07)	464.439	2,208.368	30°24'24.28"	81°36'29.48"

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Rev. No. DACS17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: XXX
Dwn by: XXX
Ckd by: XXX

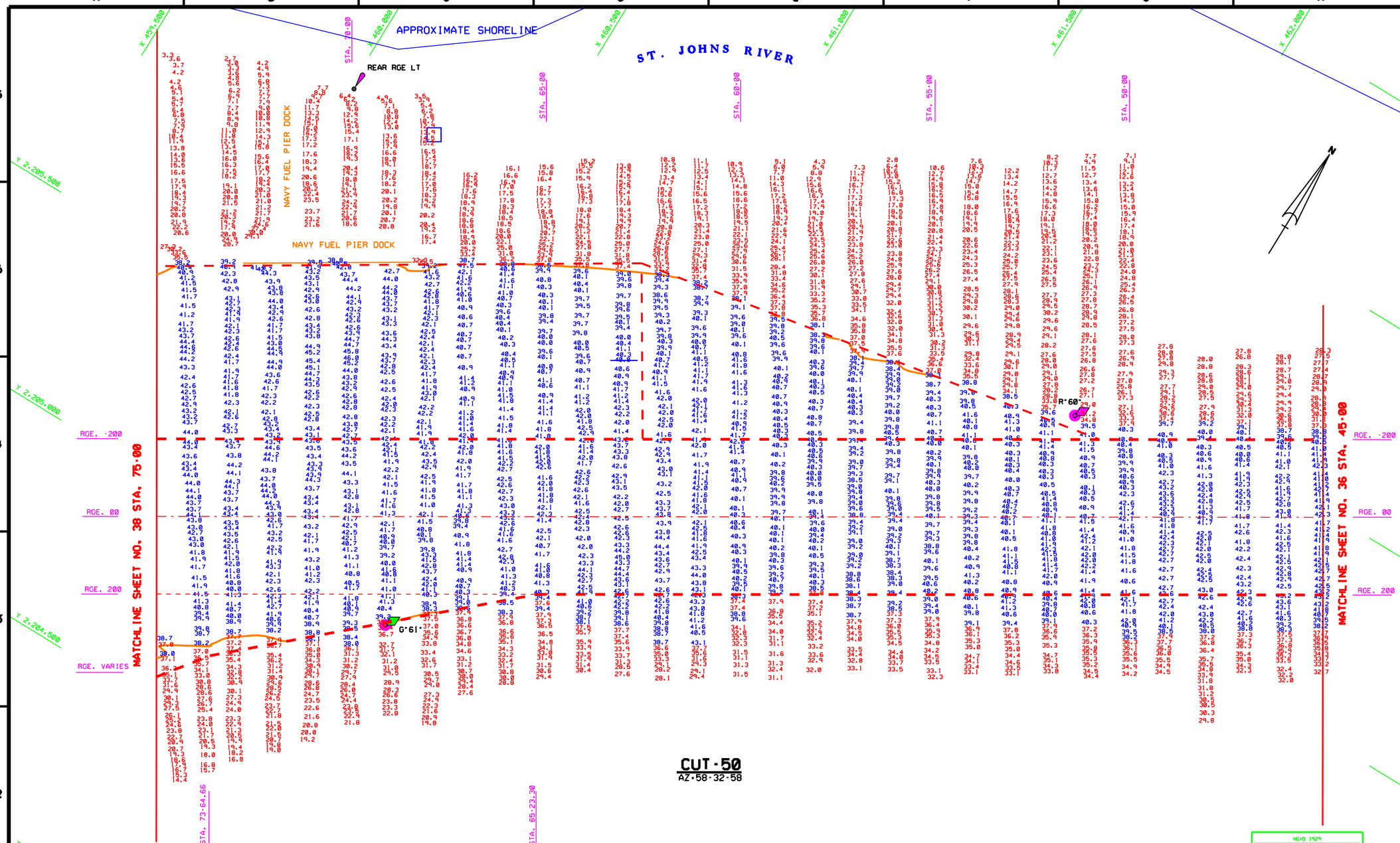
Date: FEB 2007
D.O.FILE NO.

File name: 07-012SH36.DGN
Reference files: BSOR08.DGN, NEWJXCH03.DGN, JAXBASE.DGN, 07-02CC50.DGN, 07-02DMX1.DGN, CON36.DGN

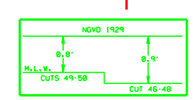
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 15+00 THRU STA. 45+00 CUT 50
PLAN

DRAWING NO.
36/54

SHEET 36 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-60 (12/06)	462.031	2,206.372	30°24'04.40"	81°36'56.86"
LT. BUOY-61 (12/06)	460.800	2,204.986	30°23'50.61"	81°37'10.83"
REAR RGE LT (12/06)	460.008	2,206.115	30°24'01.74"	81°37'19.94"
SIGN (12/06)	460.248	2,206.127	30°24'01.87"	81°37'17.21"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: Dwn by: Chk by: Sup by:
Date: FEB 2007
D.O.FILE NO.

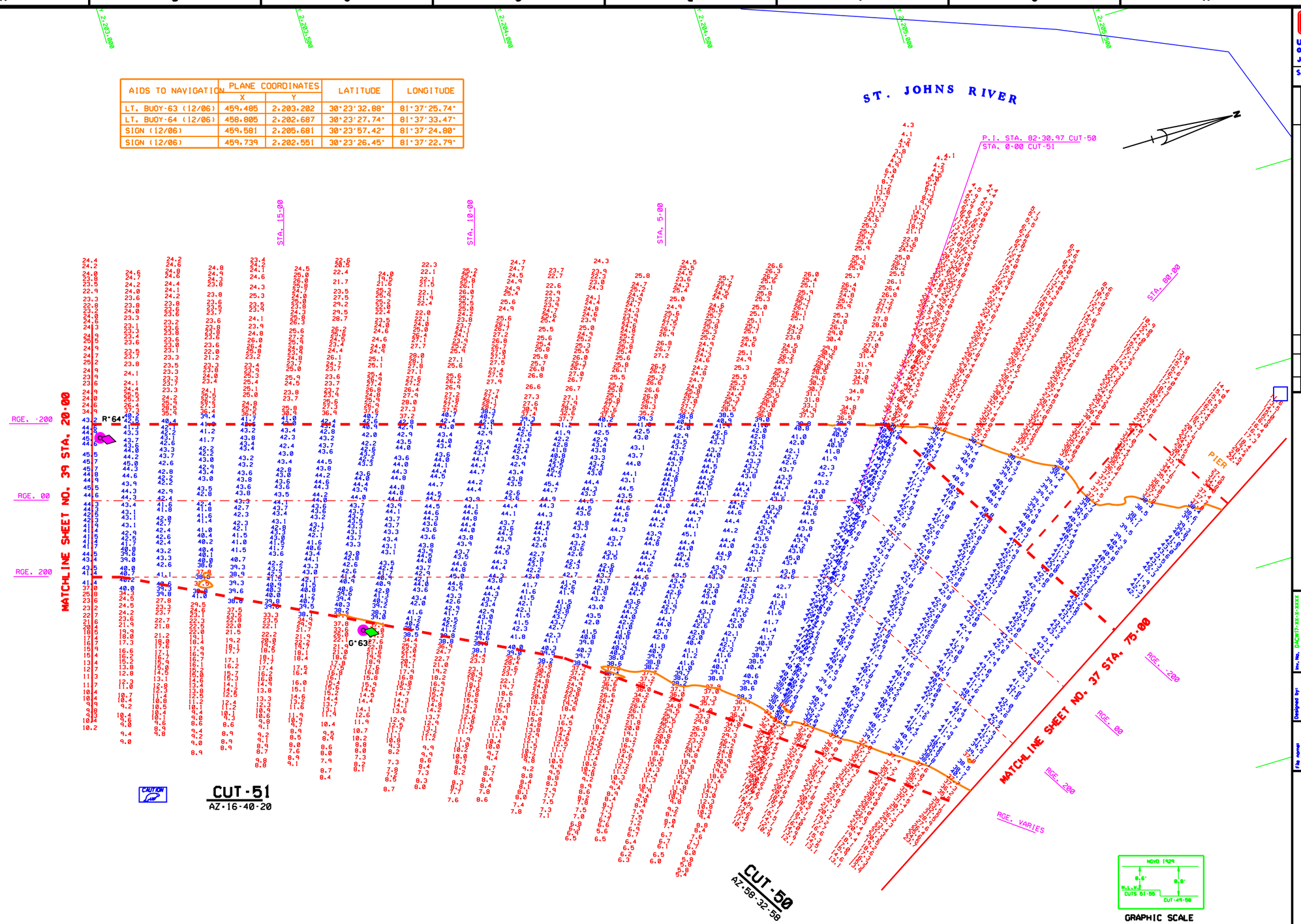
File name: 07-012SH37.DGN
Reference files: BGORGE.DGN, NEWJUCHES.DGN, JAXBASE.DGN, 07-012C50.DGN, 07-012MAN.DGN, CORNER.DGN

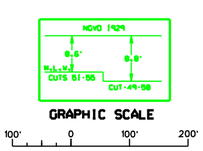
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 45+00 THRU STA. 75+00 CUT 50
PLAN

DRAWING NO.
37/54

SHEET 37 OF 61

AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-63 (12/06)	459.485	2.203.202	30°23'32.88"	81°37'25.74"
LT. BUOY-64 (12/06)	458.805	2.202.687	30°23'27.74"	81°37'33.47"
SIGN (12/06)	459.581	2.205.681	30°23'57.42"	81°37'24.80"
SIGN (12/06)	459.739	2.202.551	30°23'26.45"	81°37'22.79"





GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Dwg. No. DACW17-X-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by:
Dwn by: MRC
Ckd by: MRC

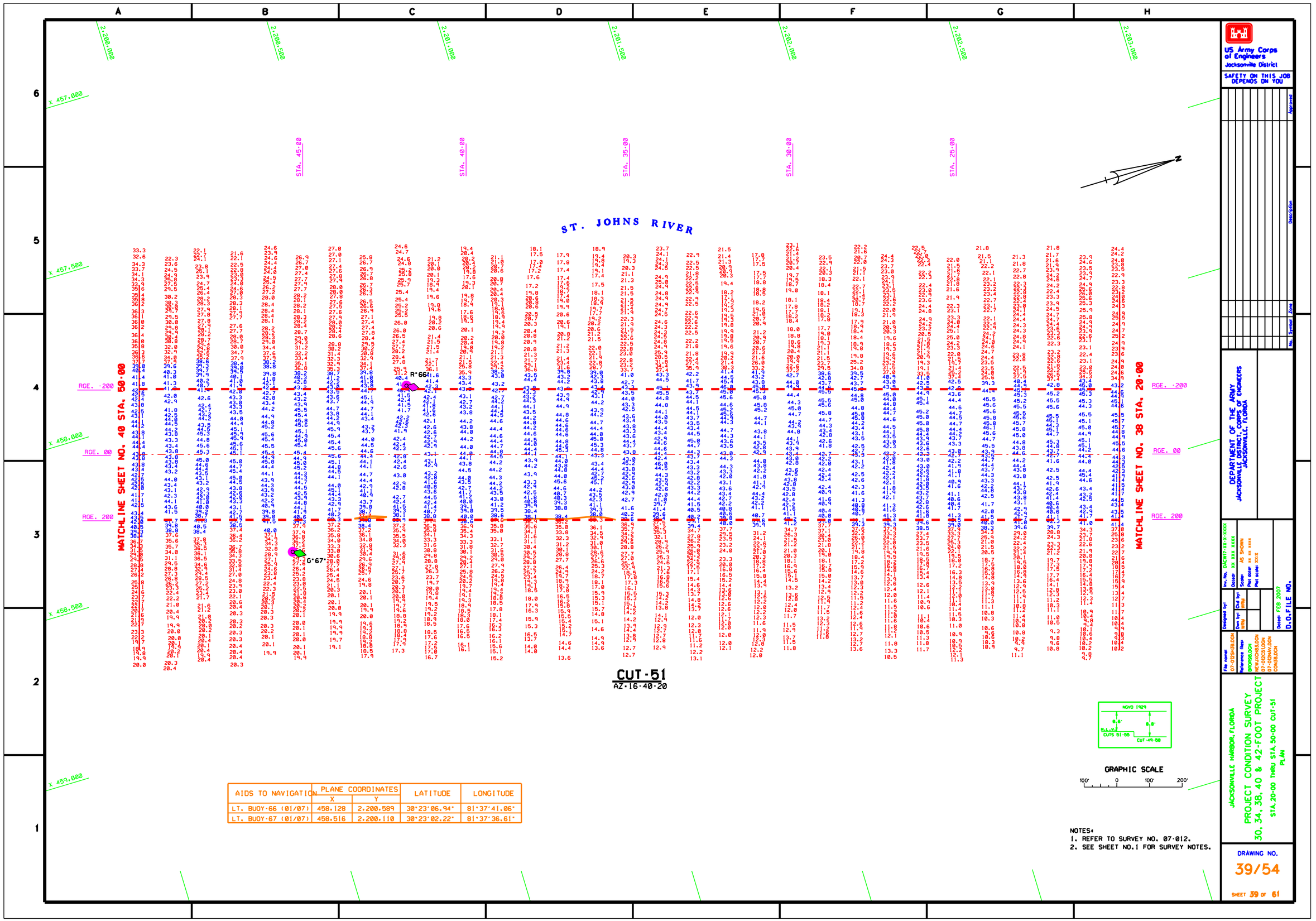
Date: FEB 2007
D.O. FILE NO.

File name: 07-012SHS38.DGN
Reference files: BEOS98.DGN, NEWJXCHS.DGN, JAXBASE.DGN, 07-012CHS.DGN, 07-012CLS.DGN, CONSOL.DGN, 07-012MAP.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 75+00 CUT-50 THRU STA. 20+00 CUT-51
PLAN

DRAWING NO.
38/54

SHEET 38 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-66 (01/07)	458.128	2,200.589	30°23'06.94"	81°37'41.06"
LT. BUOY-67 (01/07)	458.516	2,200.110	30°23'02.22"	81°37'36.61"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Rev. No. 04C917-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Pay date: XX XX XXXX
Pay scale: XXXX

Designed by: Dwn by: Chk by: Dsn by: Chk by:

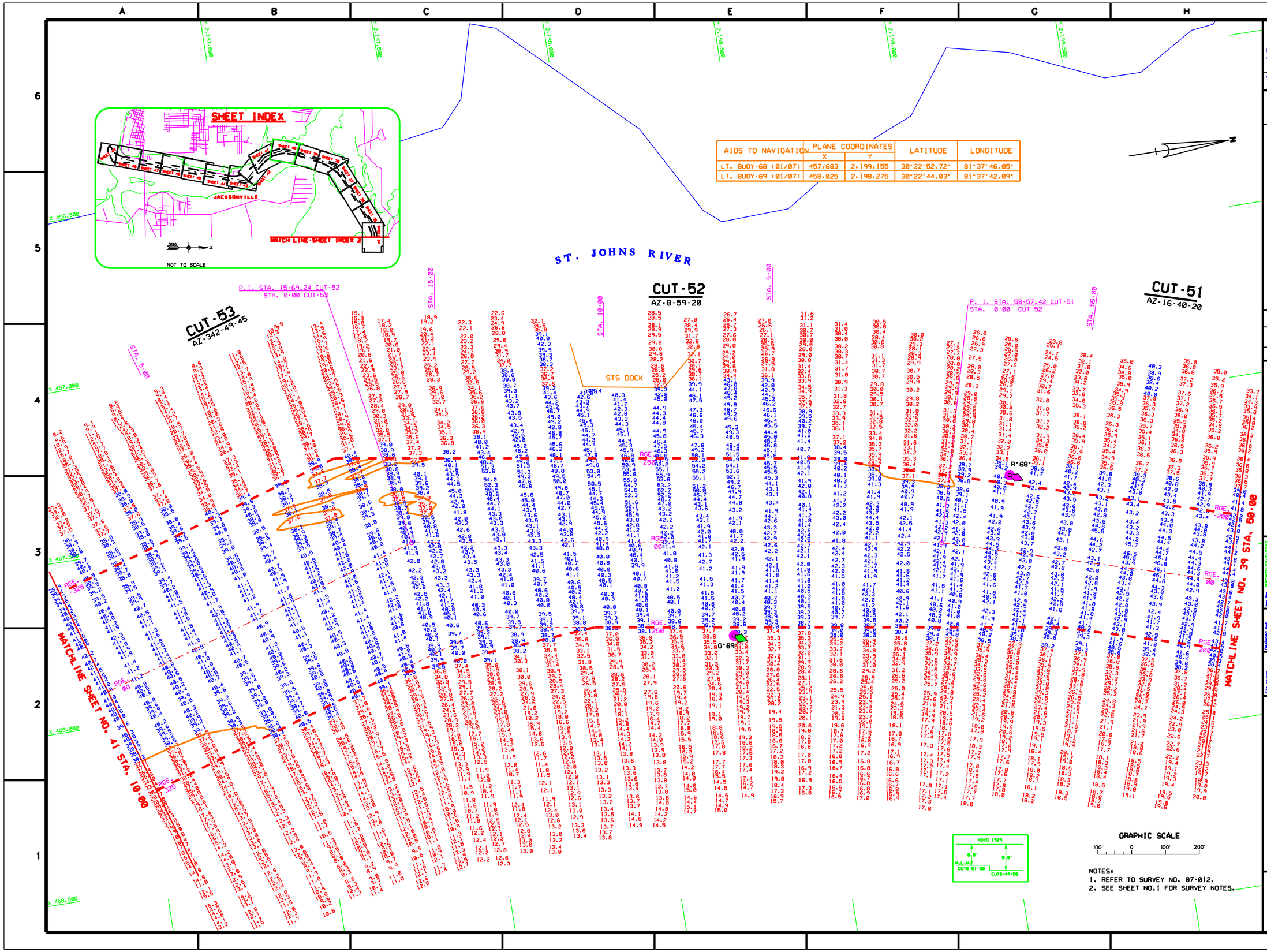
Date: FEB 2007
D.O.FILE NO.

File name: 07-012SH39.DGN
Reference files: BBORGA.DGN, NEWJXCH83.DGN, 07-012CS1.DGN, 07-012NAV.DGN, COASB.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA.20+00 THRU STA.50+00 CUT-51
PLAN

DRAWING NO.
39/54

SHEET 39 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-68 (01/07)	457.683	2.199.155	30°22'52.72"	81°37'46.05"
LT. BUOY-69 (01/07)	458.025	2.198.275	30°22'44.03"	81°37'42.09"

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Rev. No. DACW17-XX-X-XXXX
Datum: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Designed by: JWW
Dwn by: JWW
Chk by: JWW
Date: FEB 2007
D.O.F.FILE NO.

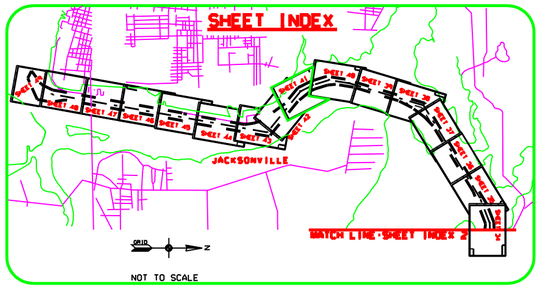
File name: 07-012SHH0.DGN
Reference files: BRIDGE.DGN, MEJXJCH03.DGN, JABEBEC.DGN, 07-012CL1.DGN, 07-012CL2.DGN, 07-012CL3.DGN, 07-012NAV.DGN, 07-012BL.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 50+00 CUT-51 THRU STA. 10+00 CUT-53
PLAN

DRAWING NO.
40/54

SHEET 40 OF 61



ST. JOHNS RIVER

APPROXIMATE SHORELINE

P.I. STA 0+00 CUT-55
STA. 10+48.50 CUT-54

P.I. STA. 0+00 CUT-54
STA. 12+92.85 CUT-53

STA. 5+00

STA. 10+00

MATCHLINE SHEET NO. 42 STA. 10+00

MATCHLINE SHEET NO. 40 STA. 10+00

RGE. -325

RGE. 00

RGE. 325

G-71

CUT-55
AZ-309-07-42

CUT-54
AZ-333-10-31

CUT-53
AZ-342-49-45

NGVD 1929
MLLW
CUTS 51-56
CUTS-49-50

GRAPHIC SCALE
100' 0 100' 200'

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-71 (01/07)	458.458	2,195.933	30°22'20.88"	81°37'37.00"

NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

Rev. No. DACW17-XX-X-XXXX
Dates: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by:
Dwn by: JWW
Chk by: JWW

Dates: FEB 2007

D.O.FILE NO.

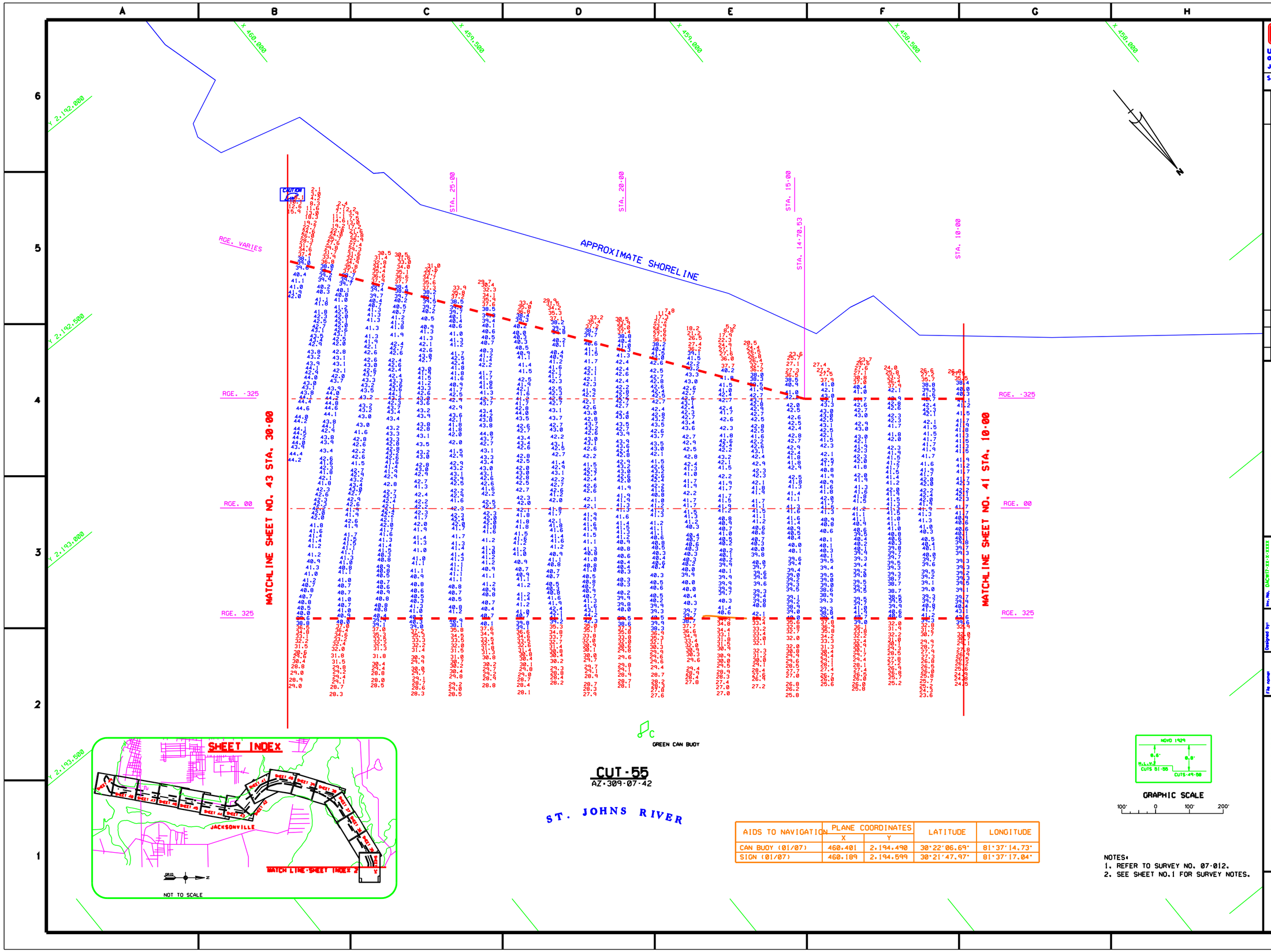
File name: 07-012SH41.DGN
Reference files: B00298.DGN
AE_MICHB3.DGN
07-012CS1.DGN
07-012CS4.DGN
07-012CS5.DGN
07-012CS3.DGN
07-012CS2.DGN
07-012B.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 10+00 CUT-33 THRU STA. 10+00 CUT-55
PLAN

DRAWING NO.
41/54

SHEET 41 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
CAN BUOY (01/07)	460.401	2.194.490	30°22'06.69"	81°37'14.73"
SIGN (01/07)	460.189	2.194.599	30°21'47.97"	81°37'17.04"

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dates: XX XXX XXXX
Scale: AS SHOWN
Pol date: XX XX XXXX
Pol scale: XX:X

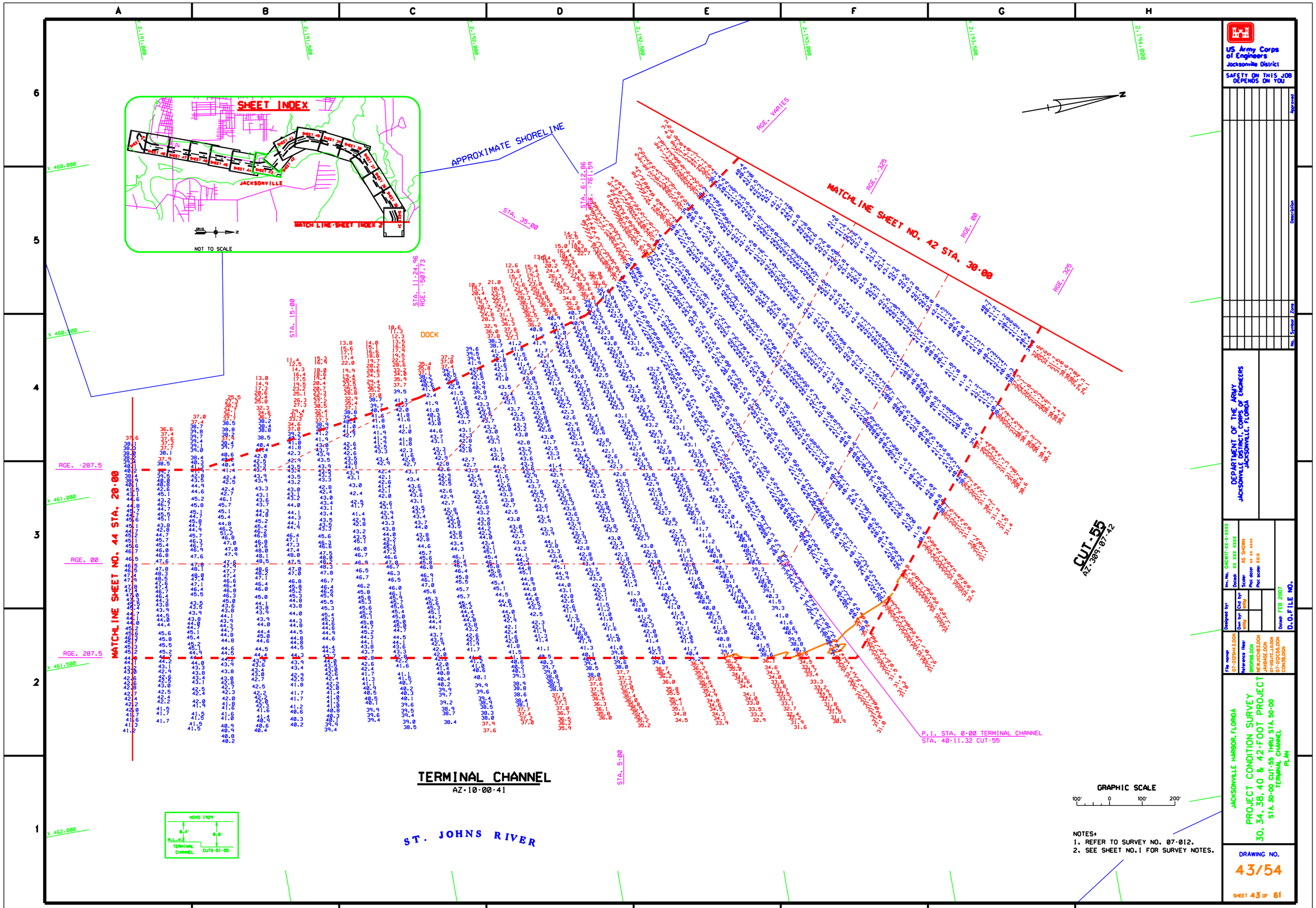
Designed by: JWW
Dwn by: JWW
Ckd by: JWW
Date of: FEB 2007
D.O.FILE NO.

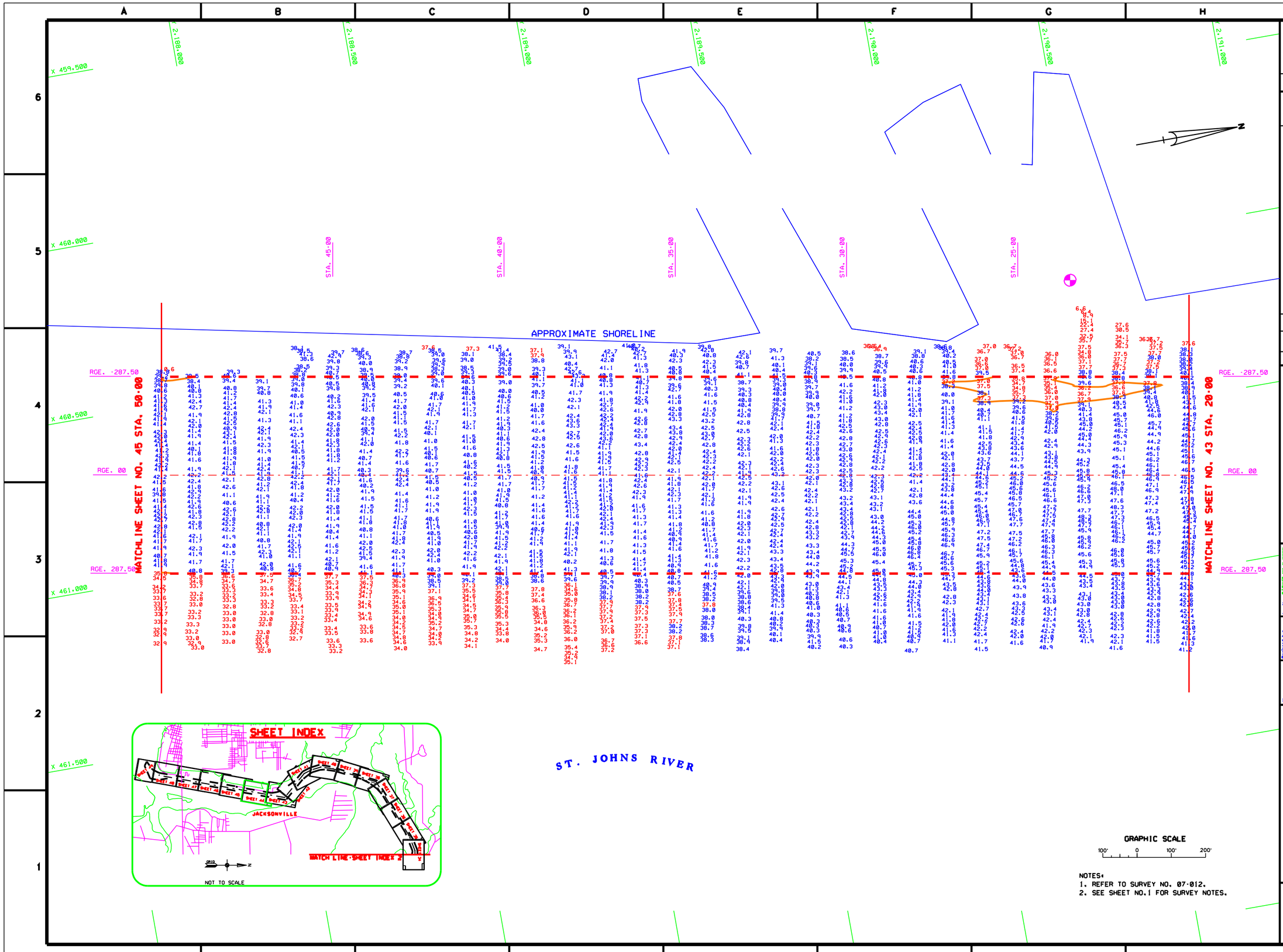
File name: 07-012SH44.DGN
Reference files: 8B0P08.DGN, NEWJXCH83.DGN, JAXBASE.DGN, 07-012CS5.DGN, 07-012NAV.DGN, CONSL.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 10+00 THRU STA. 30+00 CUT-55
PLAN

DRAWING NO.
42/54

SHEET 42 OF 61


SHEET INDEX
JACKSONVILLE
MATCH LINE-SHEET INDEX 2
NOT TO SCALE
APPROXIMATE SHORELINE
MATCHLINE SHEET NO. 42 STA. 30+00
MATCHLINE SHEET NO. 44 STA. 20+00
CUT-55
AZ-309-07-A2
TERMINAL CHANNEL
AZ-10-00-41
ST. JOHNS RIVER
DOCK
P.I. STA. 0+00 TERMINAL CHANNEL
STA. 40+11.32 CUT-55
GRAPHIC SCALE
NOTES:
1. REFER TO SURVEY NO. 07-012.
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
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 30+00 CUT-55 THRU STA. 50+00
TERMINAL CHANNEL
PLAN
DRAWING NO.
43/54
SHEET 43 OF 61
D.O. FILE NO.



NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Rev. No. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by:
Dwn by: JWW
Ckd by: JWW

Date: FEB 2007
D.O.FILE NO.

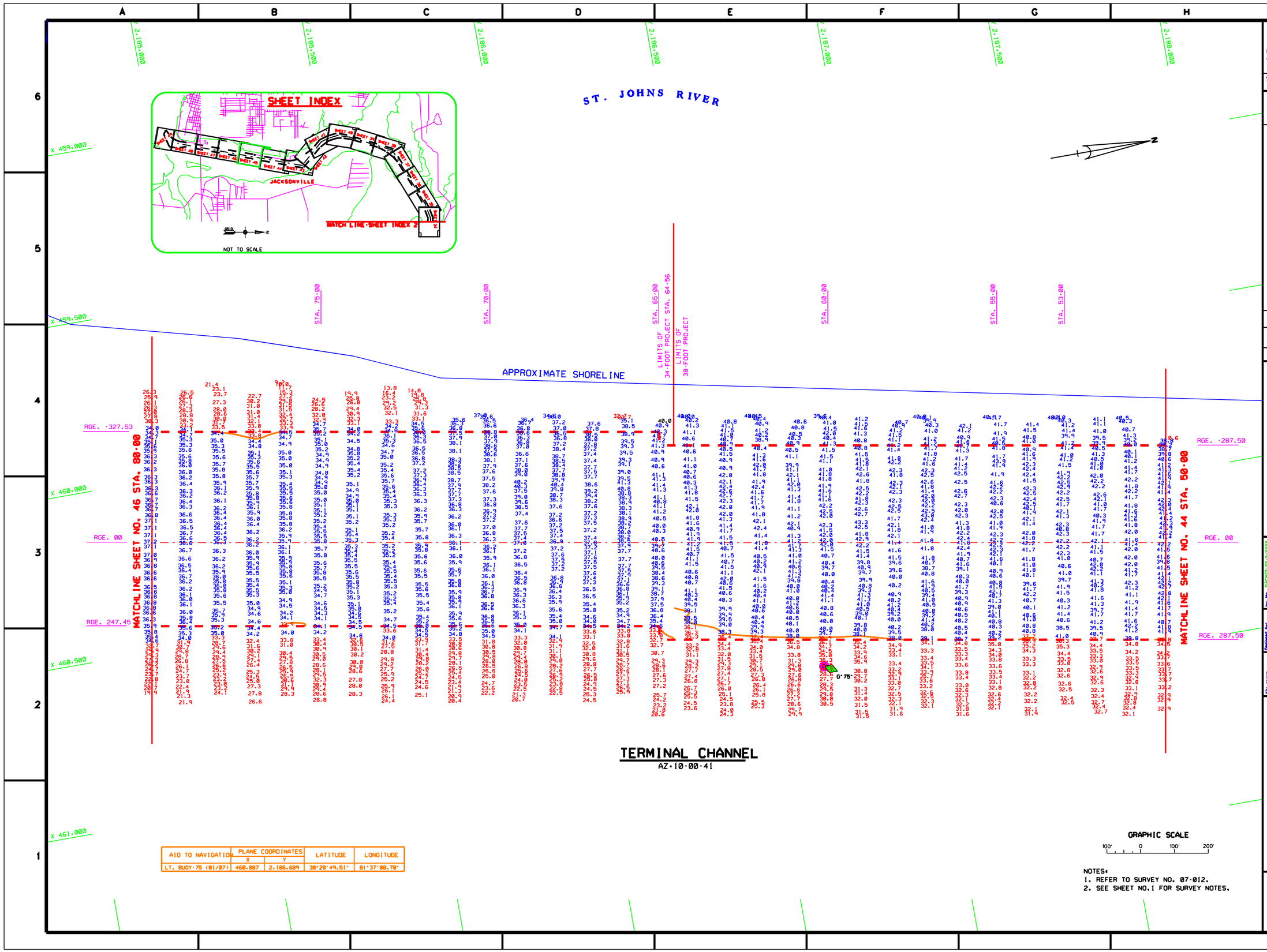
File name:
07-012SHA4.DGN
Reference files:
B90908.DGN
NEWJXCH3.DGN
JAXBASE.DGN
07-012UTC_L10.DGN
07-012BAR.DGN
CORSEL.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA.20+00 THRU STA.50+00 TERMINAL CHANNEL
PLAN

DRAWING NO.
44/54

SHEET 44 OF 61



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-75 (01/07)	460.887	2.186.689	30°20'49.51"	81°37'08.70"

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Rev. No. 04/07-XX-X-XXXX
Dates: XX XXX XXXX
Scale: AS SHOWN
Pol date: XX XX XXXX
Pol scale: XXX

Designed by: Dwn by: Chk by: Date: FEB 2007
D.O.FILE NO.

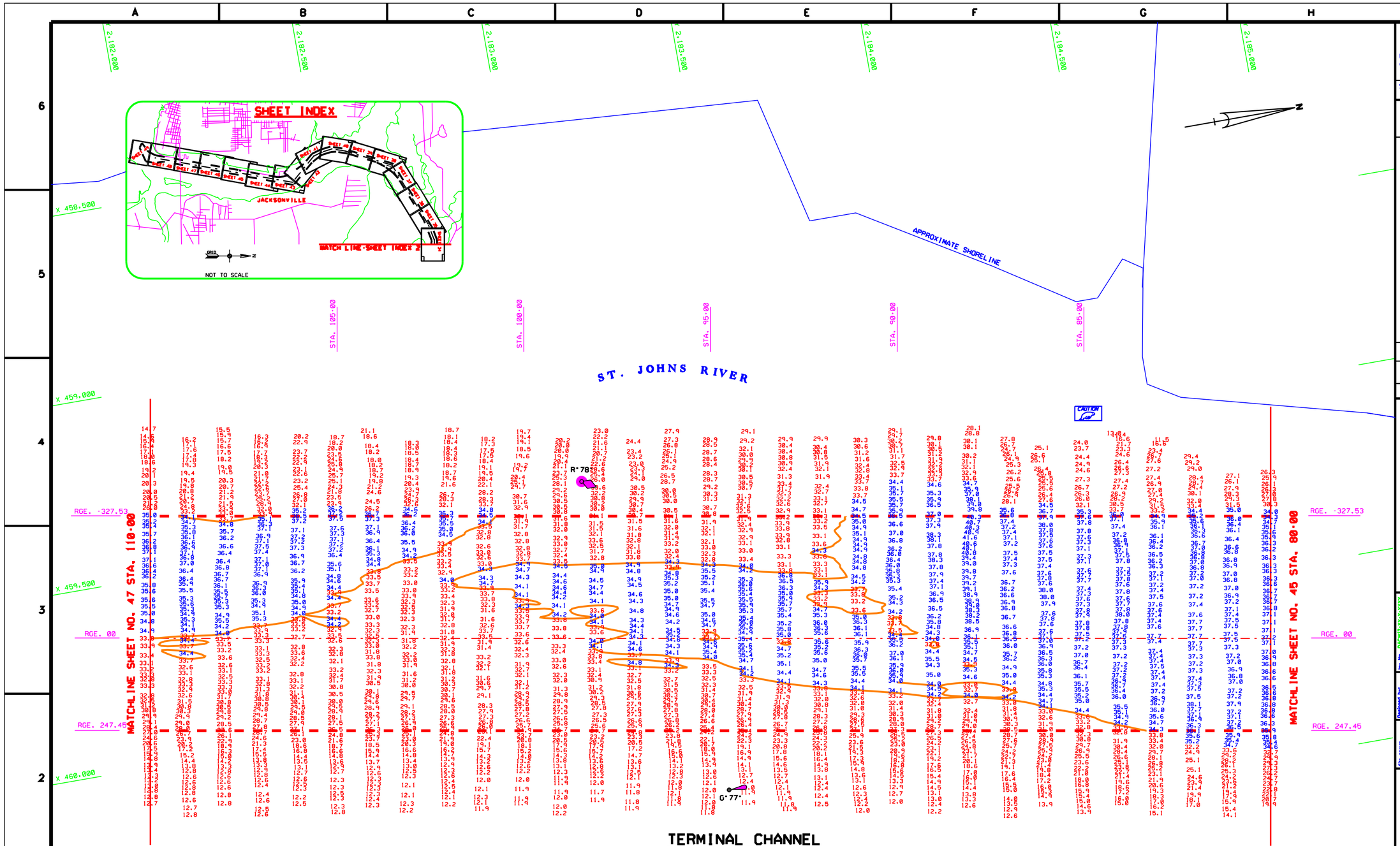
File name: 07-012SHEE.DGN
Reference files: BGORSO.DGN JAXBASE.DGN 07-012-0.DGN 07-012C-0.DGN 07-012H-0.DGN CONSE.DGN CONSS.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42- FOOT PROJECT
STA. 50+00 THRU STA. 80+00 TERMINAL CHANNEL
PLAN

DRAWING NO.
45/54

SHEET 45 OF 61



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-78 (01/07)	459.446	2.183.049	30°20'13.40"	81°37'24.92"
LT-77 (01/07)	460.325	2.183.290	30°20'15.83"	81°37'14.90"
SIGN (01/07)	459.502	2.184.417	30°20'26.95"	81°37'24.96"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No. DACW17-XX-X-XXXX
Dates XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by
Dwn by
Chk by
Appv by

Date: FEB 2007
D.O.FILE NO.

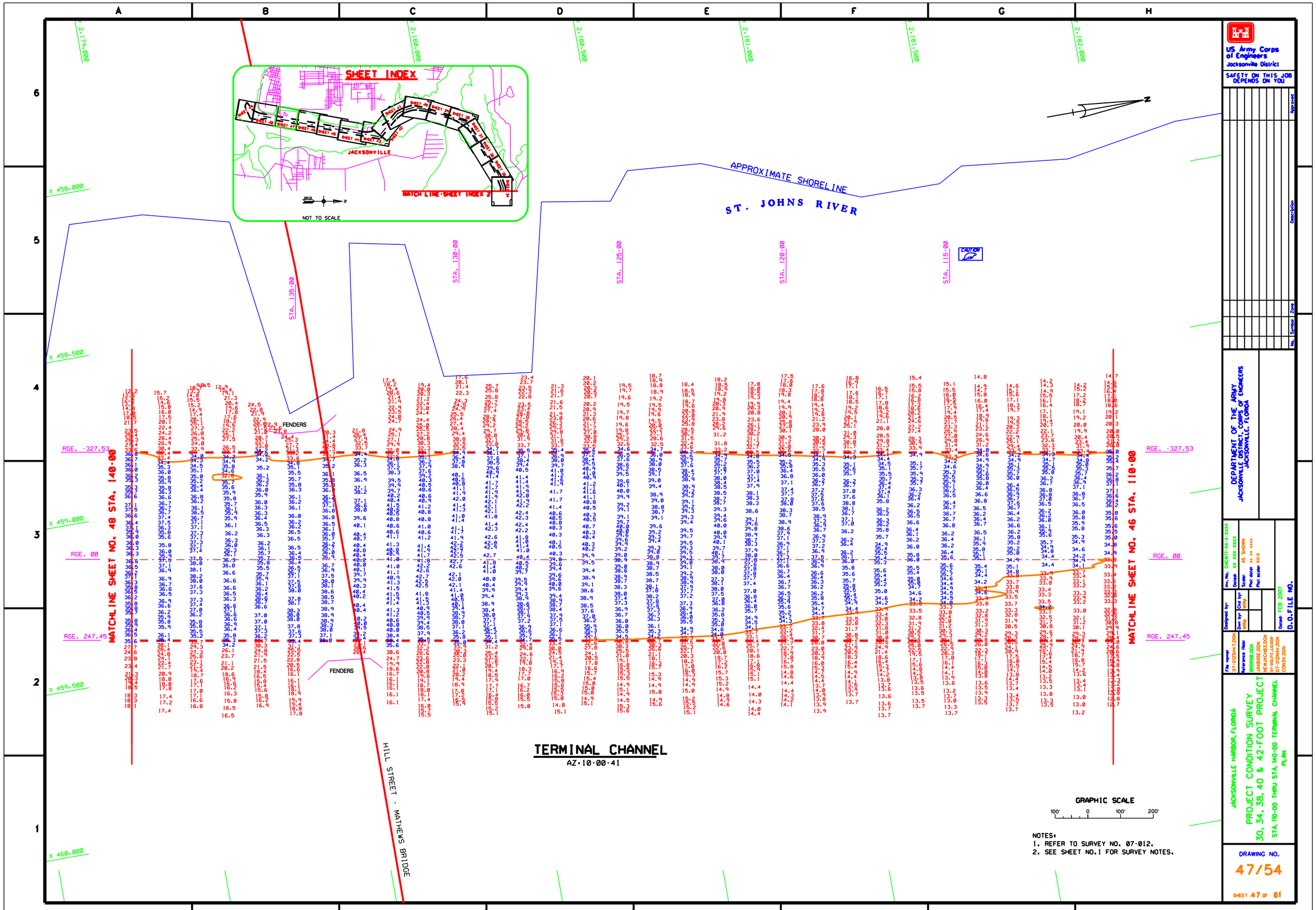
File name: 07-012SHEET6.DGN
Reference files: BEGPGB.DGN, JAXBASE.DGN, NEWJXCHB3.DGN, 07-012VIC.LO.DGN, 07-012MAP.DGN, CONM34.DGN

JACKSONVILLE HARBOR, FLORIDA

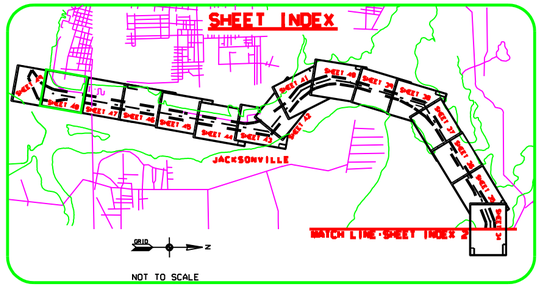
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 80+00 THRU STA. 110+00 TERMINAL CHANNEL
PLAN

DRAWING NO.
46/54

SHEET 46 OF 61


SHEET INDEX
JACKSONVILLE
MATCH LINE-SHEET INDEX 2
NOT TO SCALE
APPROXIMATE SHORELINE
ST. JOHNS RIVER
STA. 135+00
STA. 130+00
STA. 125+00
STA. 120+00
STA. 115+00
CAUTION
FENDERS
RGE. -327.53
RGE. 00
RGE. 247.45
MATCHLINE SHEET NO. 48 STA. 140+00
MATCHLINE SHEET NO. 46 STA. 110+00
HILL STREET - MATHEWS BRIDGE
TERMINAL CHANNEL
AZ-10-00-41
GRAPHIC SCALE
100' 0 100' 200'
NOTES:
1. REFER TO SURVEY NO. 07-012.
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
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 110+00 THRU STA. 140+00 TERMINAL CHANNEL
PLAN
DRAWING NO.
47/54
SHEET 47 OF 61
Date FEB 2007
D.O.FILE NO.

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-79 (01/07)	459.199	2,177,701	30°19'20.46"	81°37'27.40"



HART EXPRESSWAY

STA. 165.00
STA. 160.00
STA. 155.00
STA. 150.00
STA. 145.00

STA. 166+09.28
RGE. -327.53

RGE. VARIES

APPROXIMATE SHORELINE

MATCHLINE SHEET NO. 49 STA. 170+00

MATCHLINE SHEET NO. 47 STA. 140+00

RGE. -327.53

RGE. 00

RGE. 247.45

RGE. 589.91

G-79

STA. 155+37.05
RGE. 247.46

STA. 165+29.62
RGE. 589.91

TERMINAL CHANNEL
AZ-10-00-41

ST. JOHNS RIVER

NO DREDGING ON THIS SHEET

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No.
Dates
Designed by:
Drawn by: TERN
Checked by:
Scale:
Plot date:
Plot scale:
Date: FEB 2007
D.O.F.FILE NO.

File name: 07-012SHB.DGN
Reference files: BROPSB.DGN, NEWJACKB.DGN, JAXBASE.DGN, 07-012TC_L.DGN, 07-012TC_P.DGN, CONSA.DGN

JACKSONVILLE HARBOR, FLORIDA

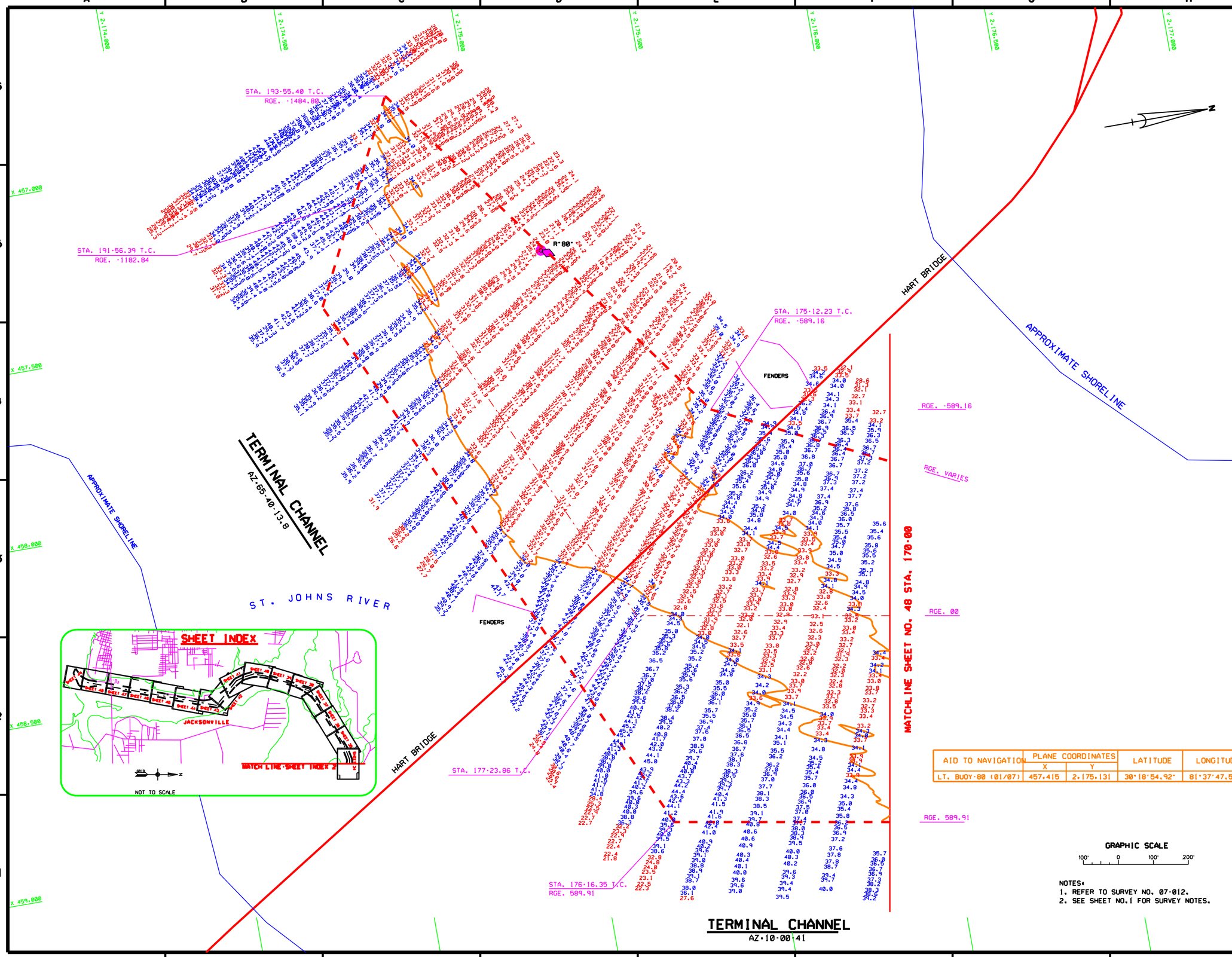
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT

STA. 140+00 THRU STA. 170+00 TERMINAL CHANNEL

PLAN

DRAWING NO.
48/54

SHEET 48 OF 54



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-80 (01/07)	457.415	2.175.131	30°18'54.92"	81°37'47.59"

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Rev. No. | Date: | Scale: | Plot date: | Plot scale:

Designed by: CWH | Dwn by: WRW | Ckd by: WRW

Date: NOV 2006
D.O.FILE NO.

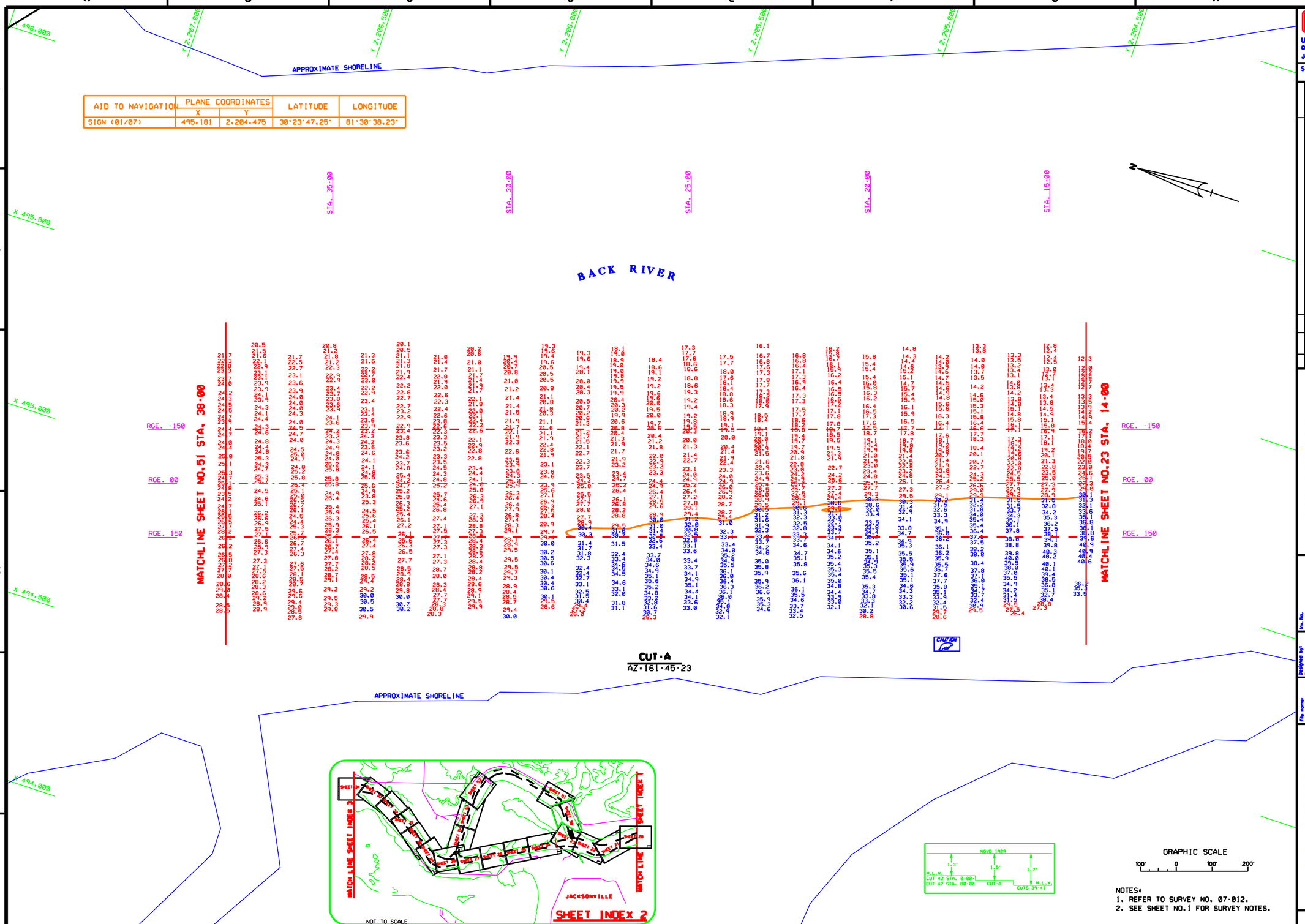
File name: 07-012SHH9.DGN
Reference files: BBORGN.DGN, NEWJXCHB.DGN, JAXBASE.DGN, 07-012LT.DGN, 07-012LTC.DGN, 07-012SHH.DGN, CON34.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 170+00 THRU STA. 177+23.86 TERMINAL CHANNEL
PLAN

DRAWING NO.
49/54

SHEET 49 OF 61

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (01/07)	495.181	2,204.475	30°23'47.25"	81°30'38.23"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Inv. No.
Dates:
Scale: AS SHOWN
Plot date: ## ## ####
Plot scale: XXX

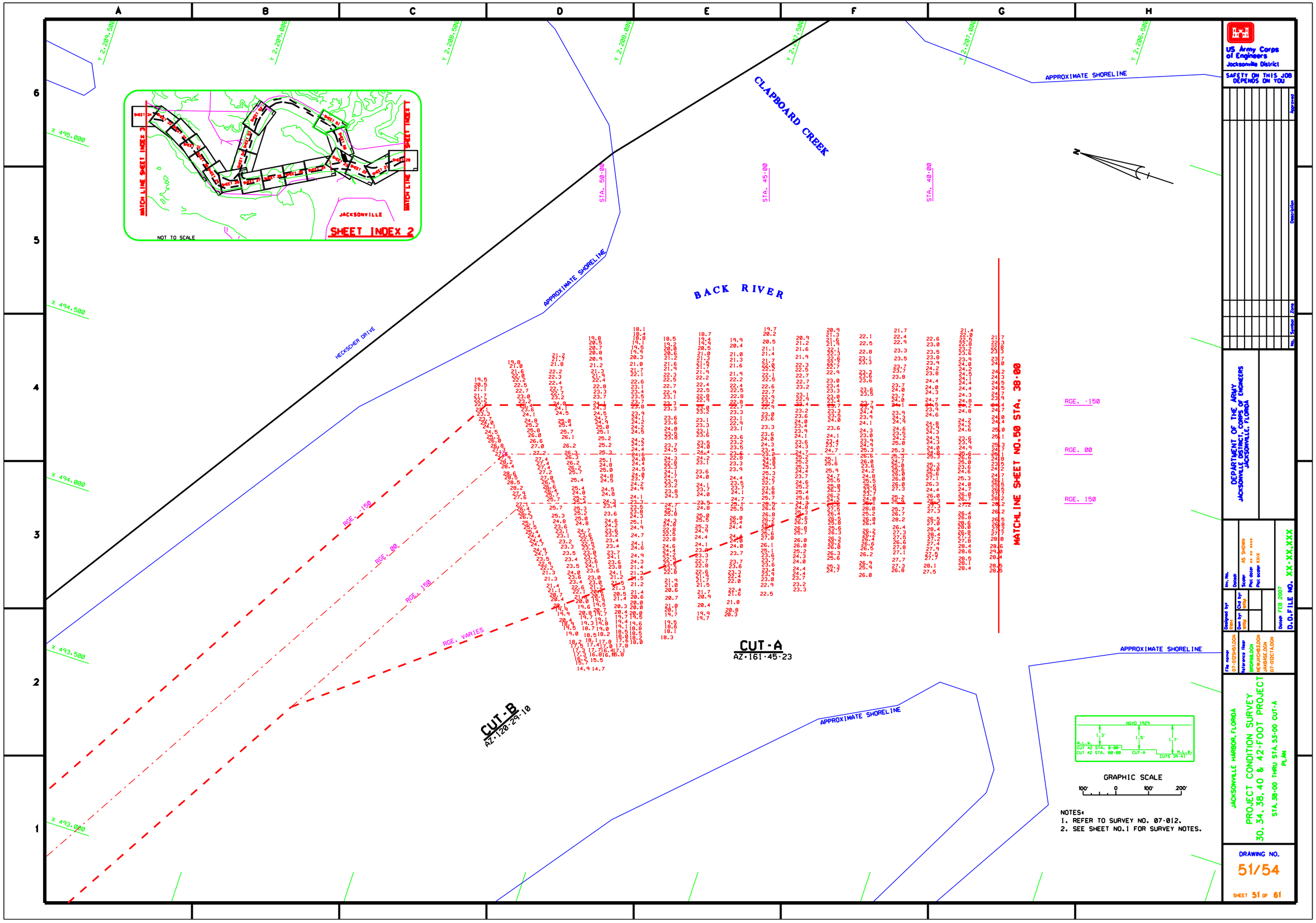
Designed by: RWM
Dwn by: WMW
Ckd by: WMW
Date: FEB 2007
D.O.FILE NO. XX-XX.XXX

File name: 07-012SHEET.DGN
Reference files: BEOPBB.DGN NEWJUTCH3.DGN JAXBASE.DGN 07-012CTA.DGN 07-012NAV.DGN CONTOUR.DGN

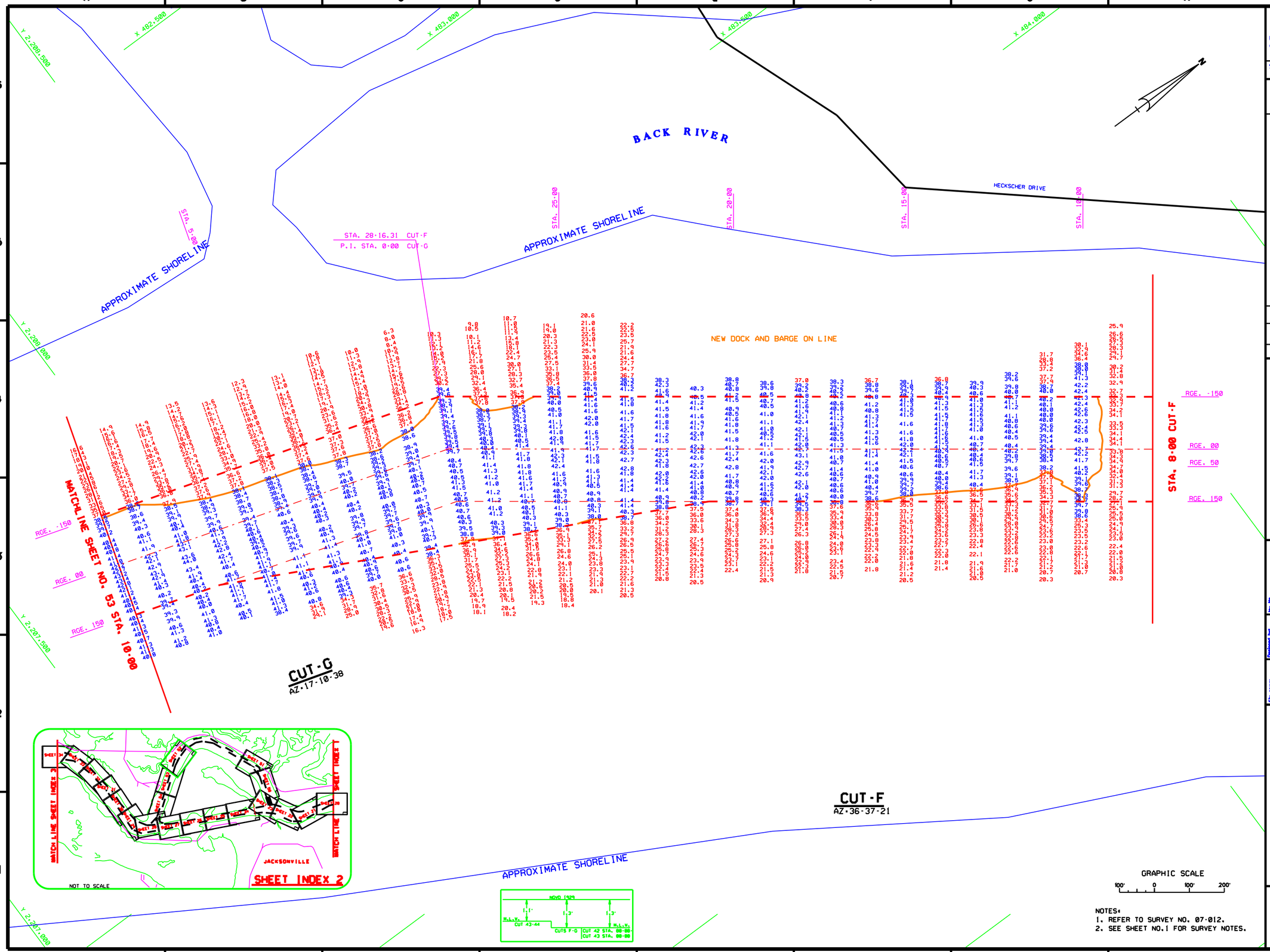
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 14+00 THRU STA. 38+00 CUT-A
PLAN

DRAWING NO.
50/54

SHEET 50 OF 61



NOTES:
1. REFER TO SURVEY NO. 07-012.
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	Approved

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

Rev. No.
Dated:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

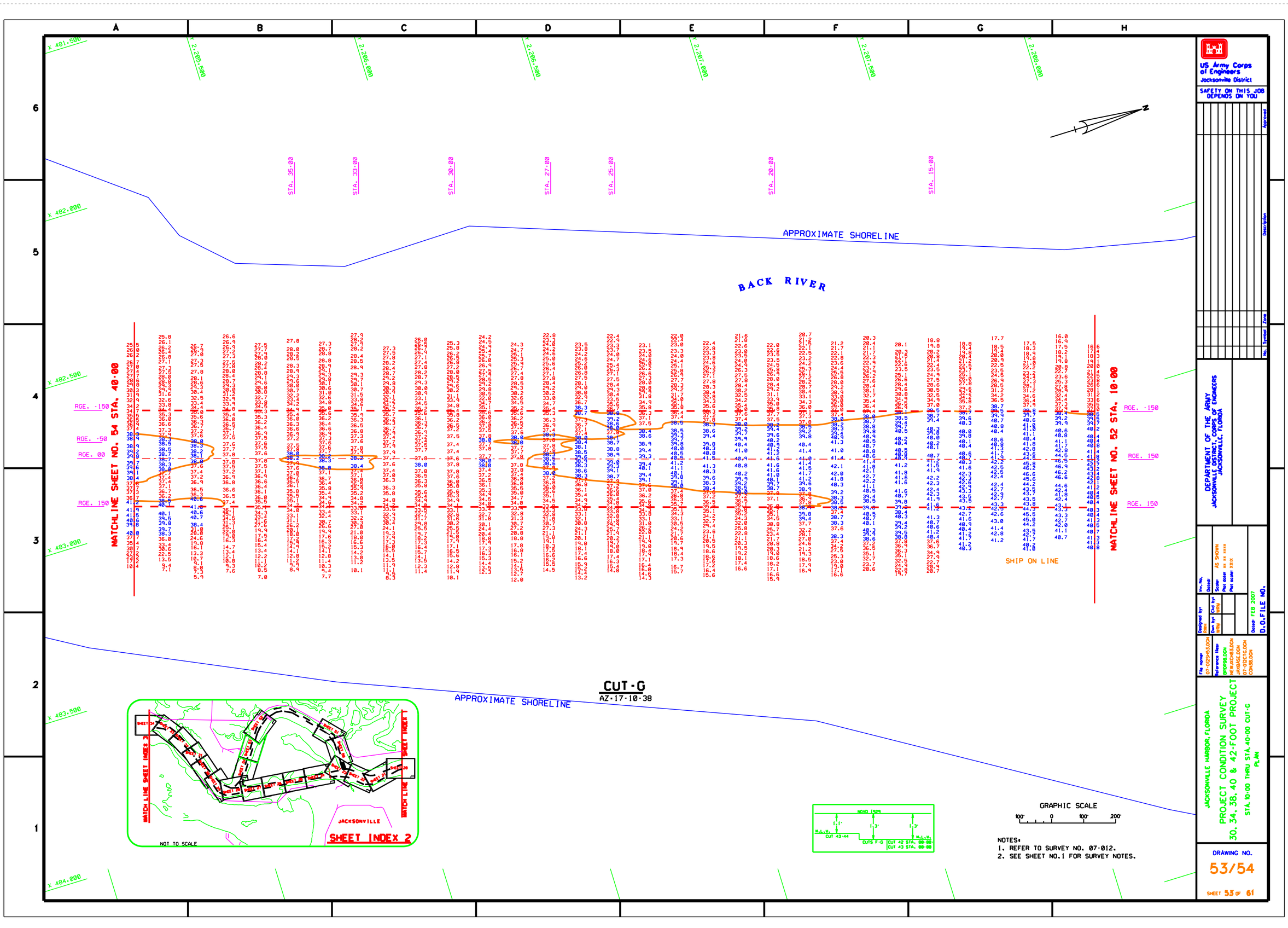
Designed by: RWH
Dwn by: WWW
Ckd by: WWW
Dated: FEB 2007
D.O. FILE NO.

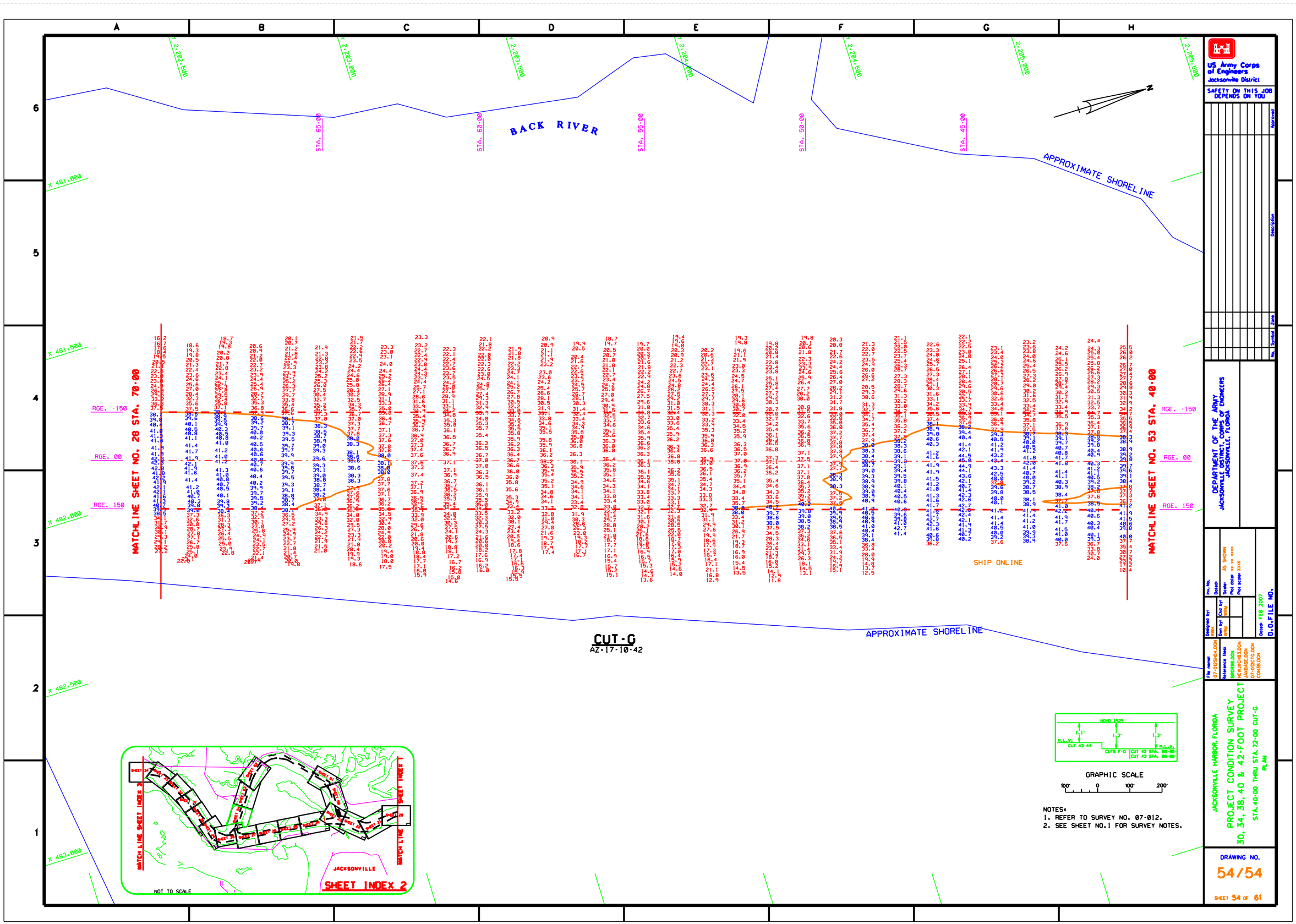
File name: 07-012SHS2.DGN
Reference files: B9098.DGN NEWJACKB3.DGN JAXBASE.DGN 07-012CTF.DGN 07-012CTG.DGN CONS8.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 7+00 CUT-F THRU STA. 10+00 CUT-G
PLAN

DRAWING NO.
52/54

SHEET 52 OF 61


A
B
C
D
E
F
G
H
6
5
4
3
2
1
X 481,500
X 482,000
X 482,500
X 483,000
X 483,500
X 484,000
Y 2,205,500
Y 2,206,000
Y 2,206,500
Y 2,207,000
Y 2,207,500
Y 2,208,000
STA. 35+00
STA. 33+00
STA. 30+00
STA. 27+00
STA. 25+00
STA. 20+00
STA. 15+00
APPROXIMATE SHORELINE
BACK RIVER
MATCHLINE SHEET NO. 54 STA. 40+00
MATCHLINE SHEET NO. 52 STA. 10+00
RGE. -150
RGE. -50
RGE. 00
RGE. 150
SHIP ON LINE
CUT-G
AZ-17-10-38
APPROXIMATE SHORELINE
MATCH LINE SHEET INDEX 2
MATCH LINE SHEET INDEX
JACKSONVILLE
SHEET INDEX 2
NOT TO SCALE
NGVD 1929
1:1'
1:3'
1:3'
M.L.W.
CUT 43-44
CUTS F-G
CUT 42 STA. 00+00
CUT 43 STA. 00+00
GRAPHIC SCALE
100'
0
100'
200'
NOTES:
1. REFER TO SURVEY NO. 07-012.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
US Army Corps of Engineers
Jacksonville District
SAFETY ON THIS JOB DEPENDS ON YOU
Approved
Description
No. Symbol Zone
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA
Rev. No.
Dates
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX.X
Designed by: TRH
Dwn by: TRH
Ckd by: DRW
Dates: FEB 2007
D.O.FILE NO.
File name: 07-012SHS.DGN
Reference files: BSPOS8.DGN
NEWJAX83.DGN
JAXBASE.DGN
07-02CT10.DGN
CONSB.DGN
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 10+00 THRU STA. 40+00 CUT-G
PLAN
DRAWING NO.
53/54
SHEET 53 OF 61


BACK RIVER
APPROXIMATE SHORELINE
STA. 65+00
STA. 60+00
STA. 55+00
STA. 50+00
STA. 45+00
MATCHLINE SHEET NO. 28 STA. 70+00
MATCHLINE SHEET NO. 53 STA. 40+00
RGE. -150
RGE. 00
RGE. 150
SHIP ONLINE
CUT-G
AZ.17-10-42
APPROXIMATE SHORELINE
MATCH LINE SHEET INDEX 3
MATCH LINE SHEET INDEX 1
JACKSONVILLE
SHEET INDEX 2
NOT TO SCALE
NGVD 1929
CUT A3-A4
CUTS F-G
CUT A2 STA. 88+00
CUT A3 STA. 88+00
GRAPHIC SCALE
100' 0 100' 200'
NOTES:
1. REFER TO SURVEY NO. 07-012.
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
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA.40+00 THRU STA.72+00 CUT-G
PLAN
DRAWING NO.
54/54
SHEET 54 OF 61
D.O.FILE NO.
Dated: FEB 2007