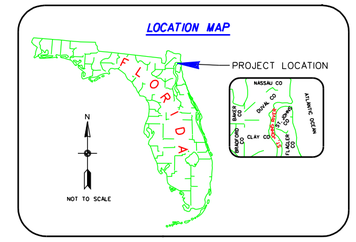
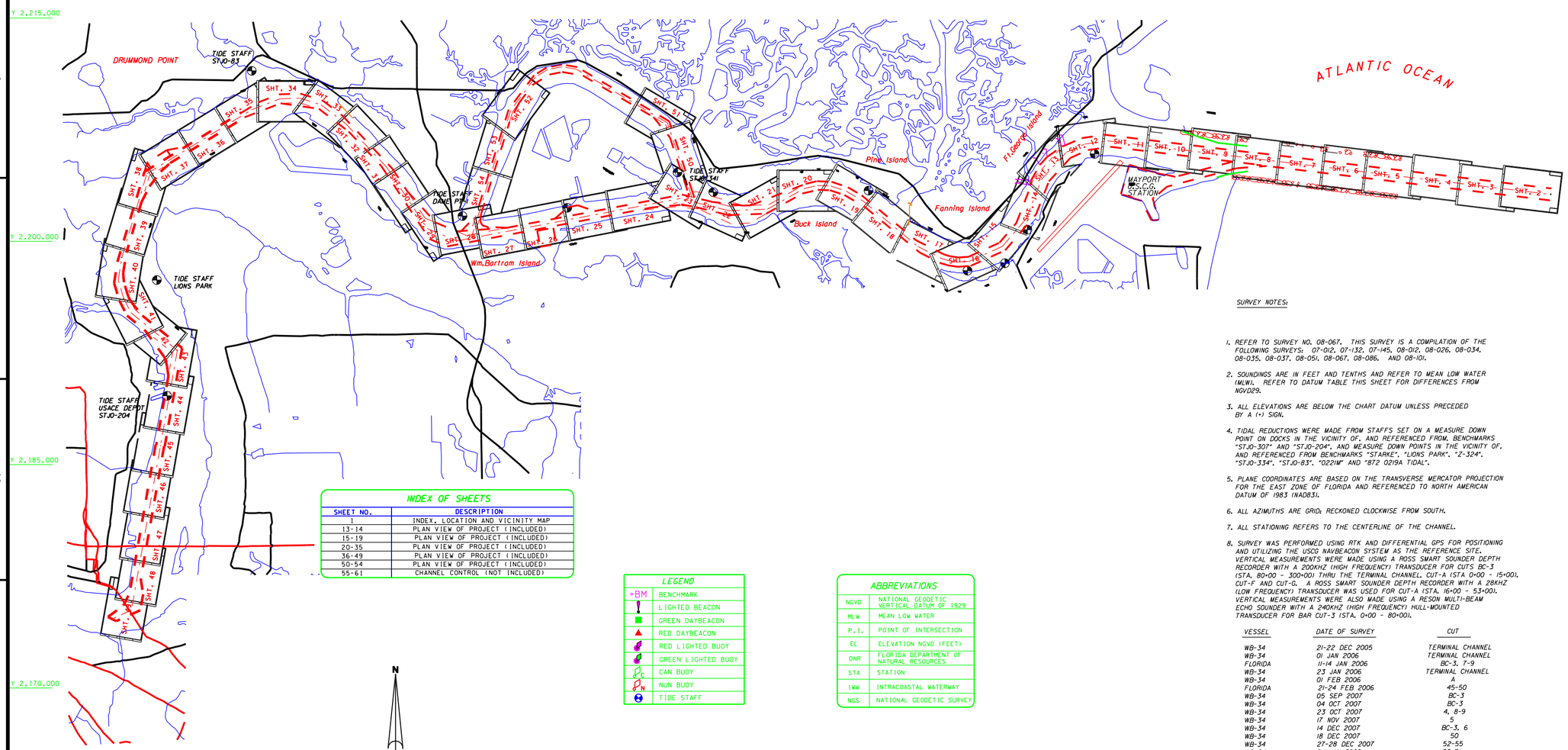
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY

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
C	CAN BUOY
N	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. 08-067. THIS SURVEY IS A COMPILATION OF THE FOLLOWING SURVEYS: 07-012, 07-132, 07-145, 08-012, 08-026, 08-034, 08-035, 08-037, 08-051, 08-067, 08-086, AND 08-101.

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 THE TERMINAL CHANNEL. CUT-A (STA 0+00 - 15+00), CUT-F AND CUT-G. A ROSS SMART SOUNDER DEPTH RECORDER WITH A 28KHZ (LOW FREQUENCY) TRANSDUCER WAS USED FOR CUT-A (STA. 16+00 - 53+00). VERTICAL MEASUREMENTS WERE ALSO MADE USING A RESON MULTI-BEAM ECHO SOUNDER WITH A 240KHZ (HIGH FREQUENCY) HULL-MOUNTED TRANSDUCER FOR BAR CUT-3 (STA. 0+00 - 80+00).

VESSEL	DATE OF SURVEY	CUT
WB-34	21-22 DEC 2005	TERMINAL CHANNEL
WB-34	01 JAN 2006	TERMINAL CHANNEL
FLORIDA	11-14 JAN 2006	BC-3, 7-9
WB-34	23 JAN 2006	TERMINAL CHANNEL
WB-34	01 FEB 2006	A
FLORIDA	21-24 FEB 2006	45-50
WB-34	05 SEP 2007	BC-3
WB-34	04 OCT 2007	BC-3
WB-34	23 OCT 2007	4, 8-9
WB-34	17 NOV 2007	5
WB-34	14 DEC 2007	BC-3, 6
WB-34	18 DEC 2007	50
WB-34	27-28 DEC 2007	52-55
WB-34	04 JAN 2008	50-51
WB-34	07 JAN 2008	TERMINAL CHANNEL
WB-34	09-12 JAN 2008	9-43
WB-34	19, 26 MAR 2008	12-15, 19, 39-43
WB-34	10-12 APR 2008	F, G
WB-34	15 MAY 2008	44

9. AIDS TO NAVIGATION WERE NOT LOCATED FOR THIS SURVEY. NAVAIDS SHOWN ARE FROM SURVEY 07-012.

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: 1" 3000'

Designed by: RWH
Dwn by: WTW
Ckd by: SMW

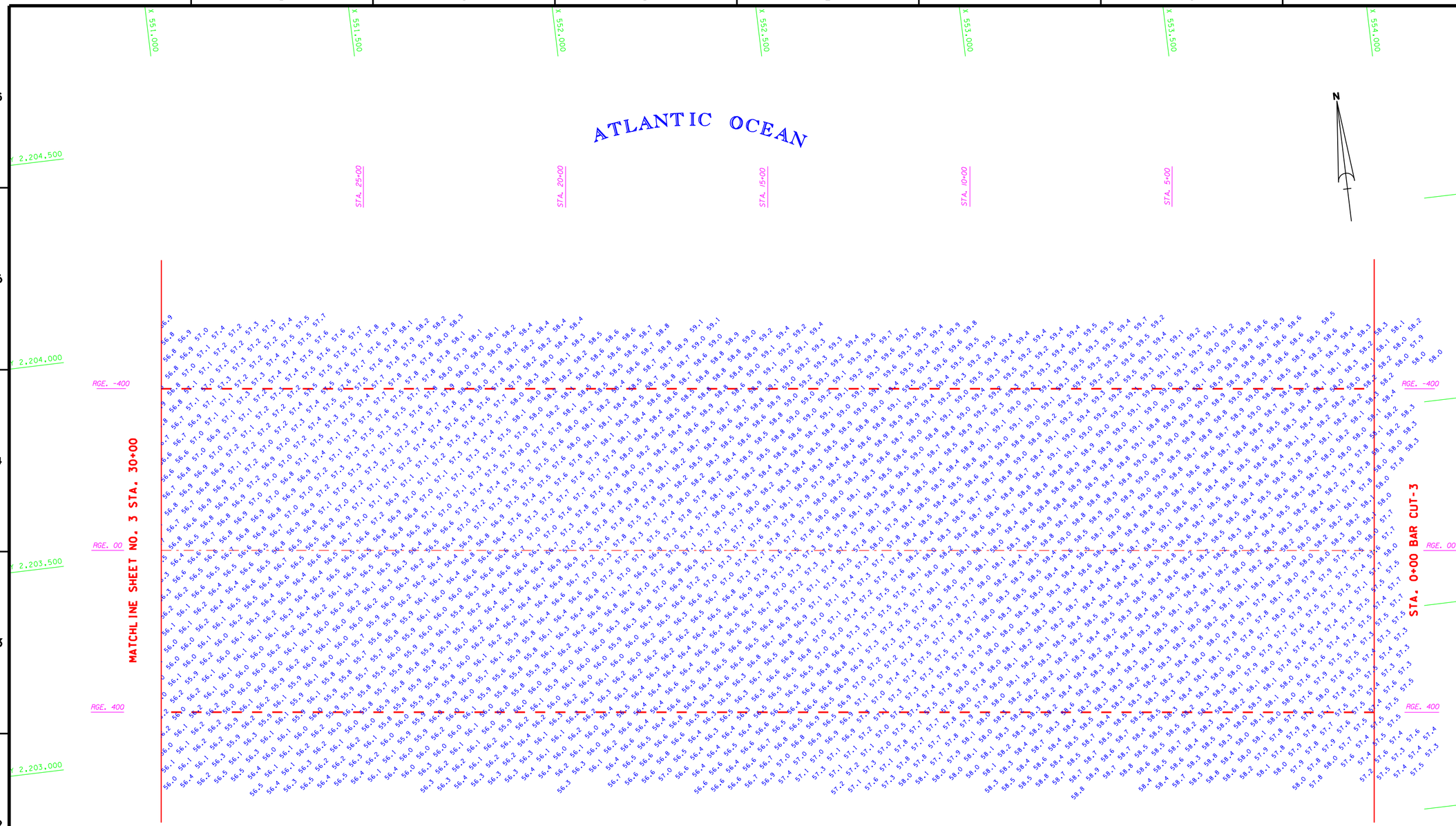
Dated: APR 2008
D.O. FILE NO.

File name: 08-067SHO1.DGN
Reference files: BRD098.DGN NEWJAXCHB3.DGN JAXBASE.DGN

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

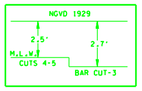
DRAWING NO.
1/54

SHEET 1 OF 61



BAR CUT-3

AZ=96-53-41



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-067.
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: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

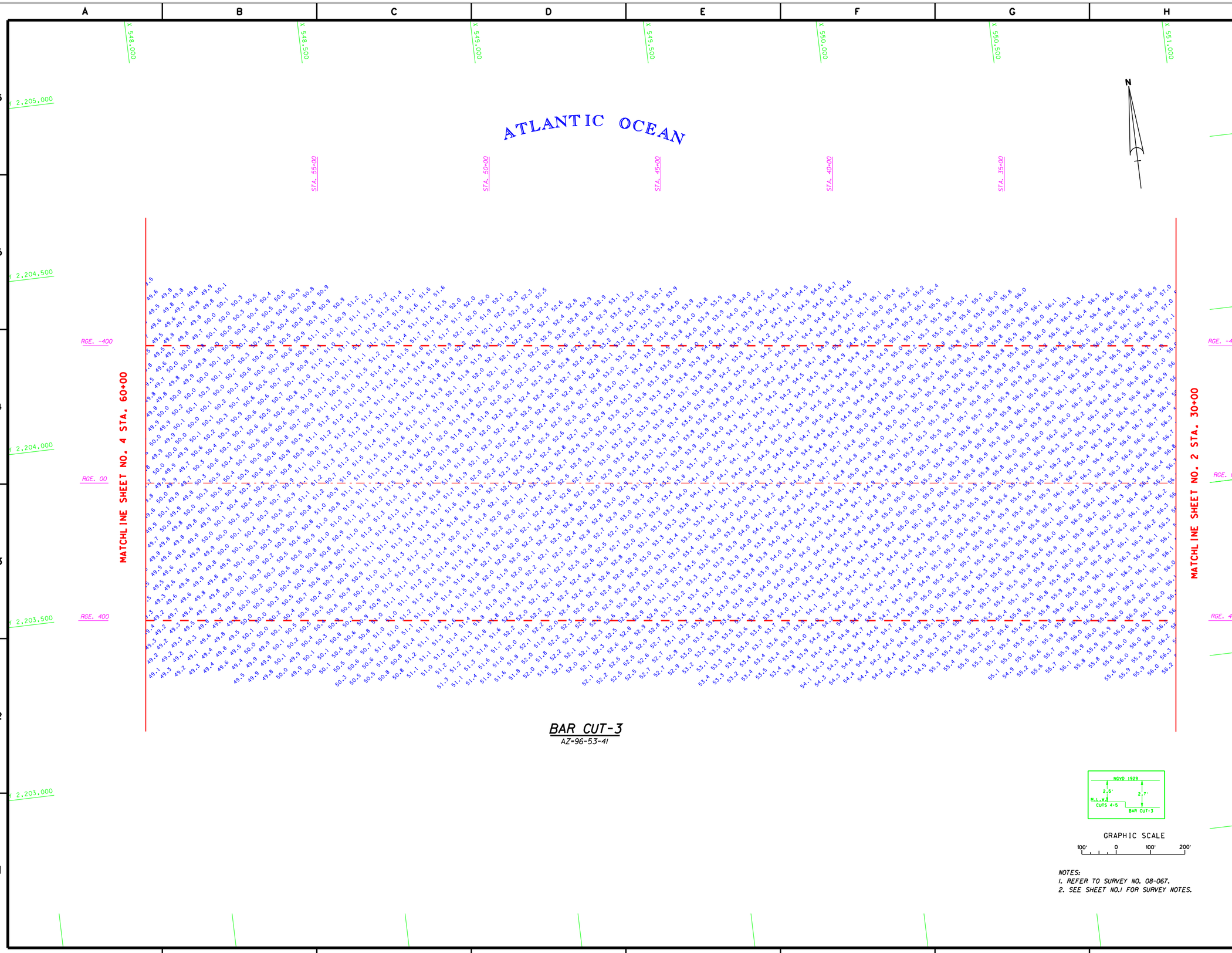
File name: 08-067SH02.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN 07-012BC3.DGN

Dated: APR 2008
D.O.FILE NO.

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



NOTES:
1. REFER TO SURVEY NO. 08-067.
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

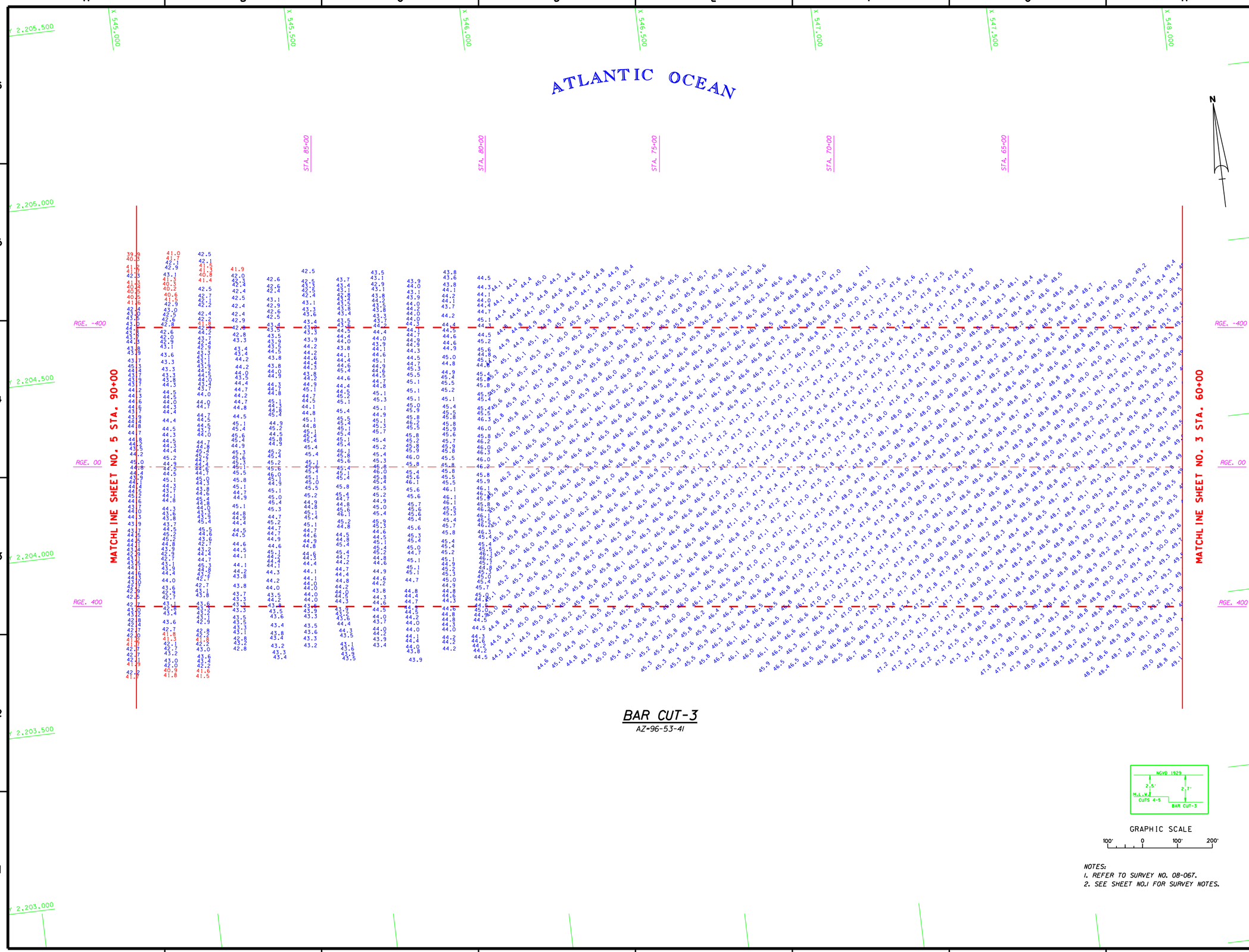
Designed by: RWH
Dwn by: WRM
Ckd by: WRM
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXIX
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH03.DGN
Reference files: BRDR98.DGN NEWJXCH83.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. 08-067.
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

Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

Designed by: RWH
Dwn by: WRW
Ckd by: WRW

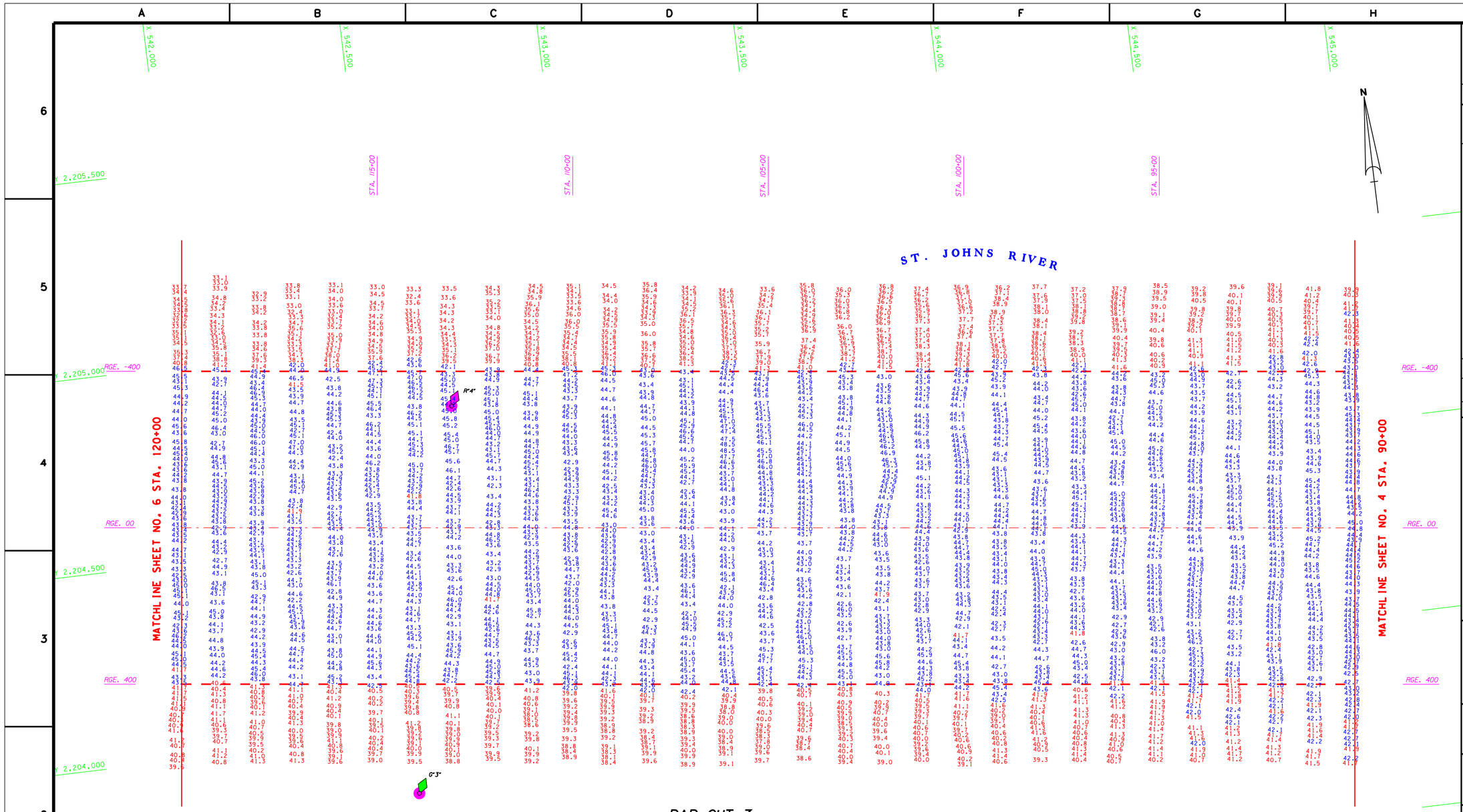
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH04.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN 08-034BC3.DGN 07-012BC3.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

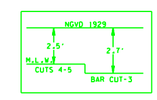
SHEET 4 OF 61



BAR CUT-3

AZ=96-53-41

AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
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. 08-067.
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

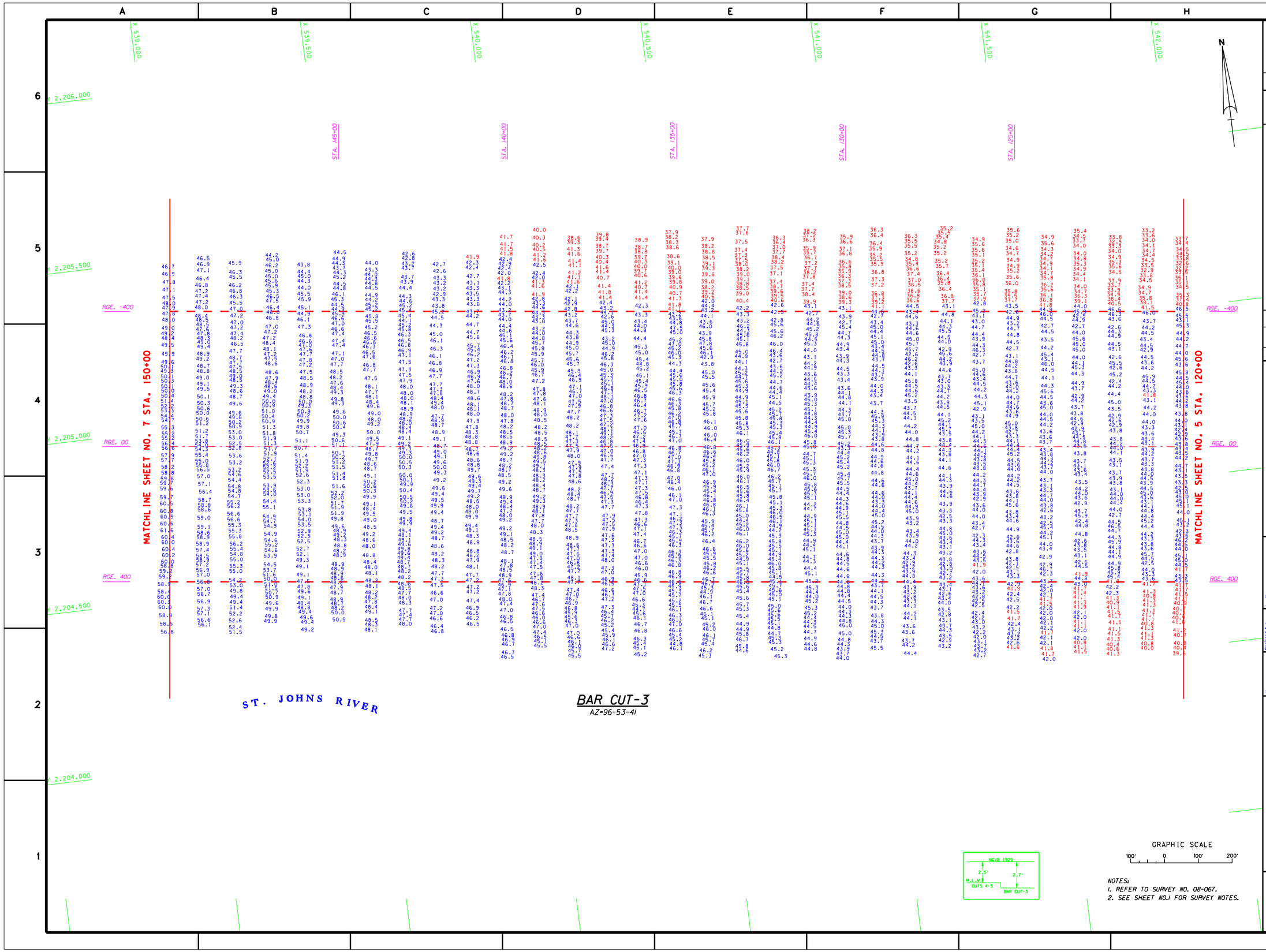
Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH05.DGN
Reference files: BRDR98.DGN NEW.XCH83.DGN 07-012NAV.DGN 08-034BC3.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. 08-067.
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

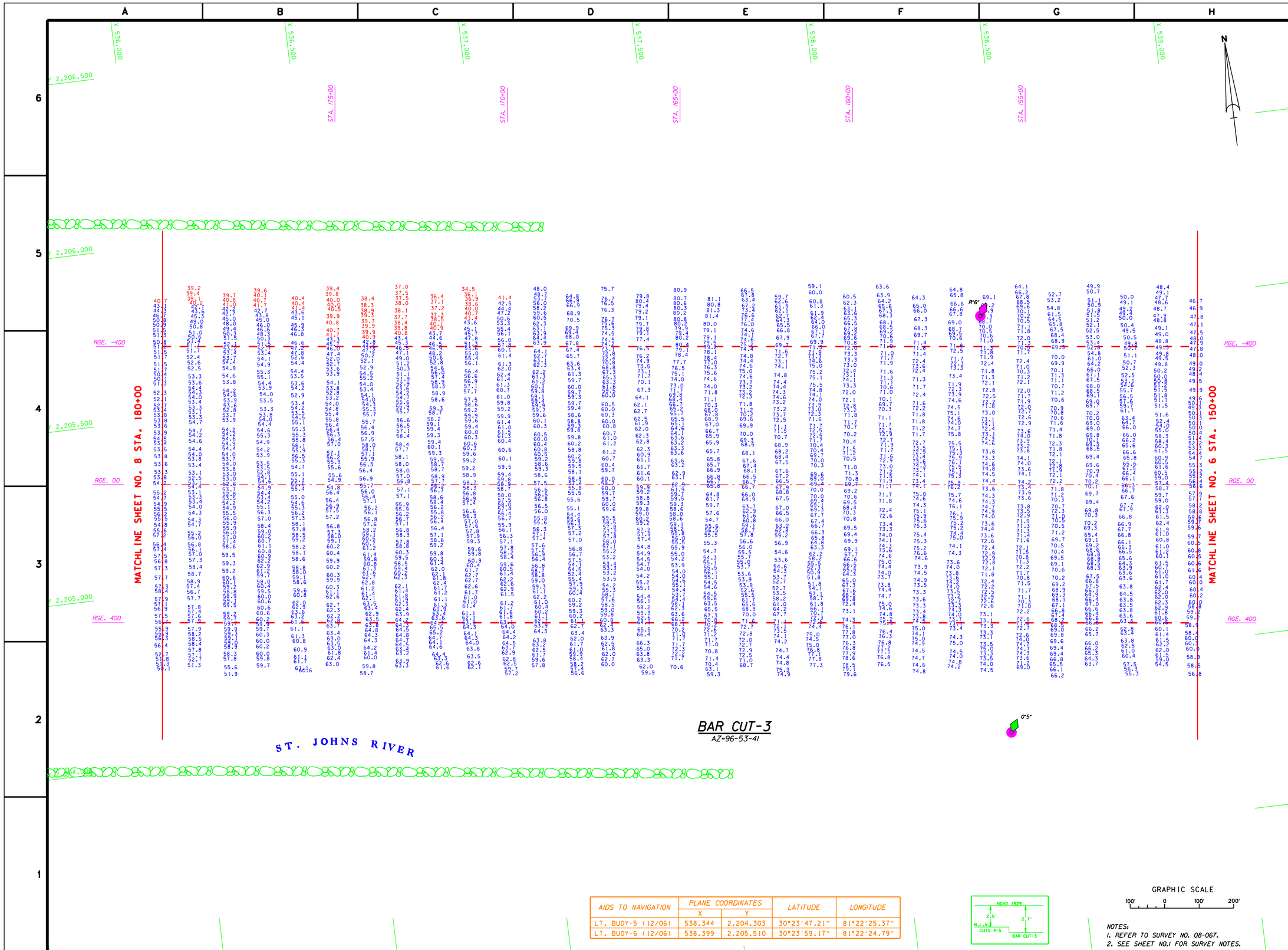
Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH06.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN 08-034BC3.DGN 07-012BC3.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. 08-067.
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.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Date: APR 2008
D.O.FILE NO.

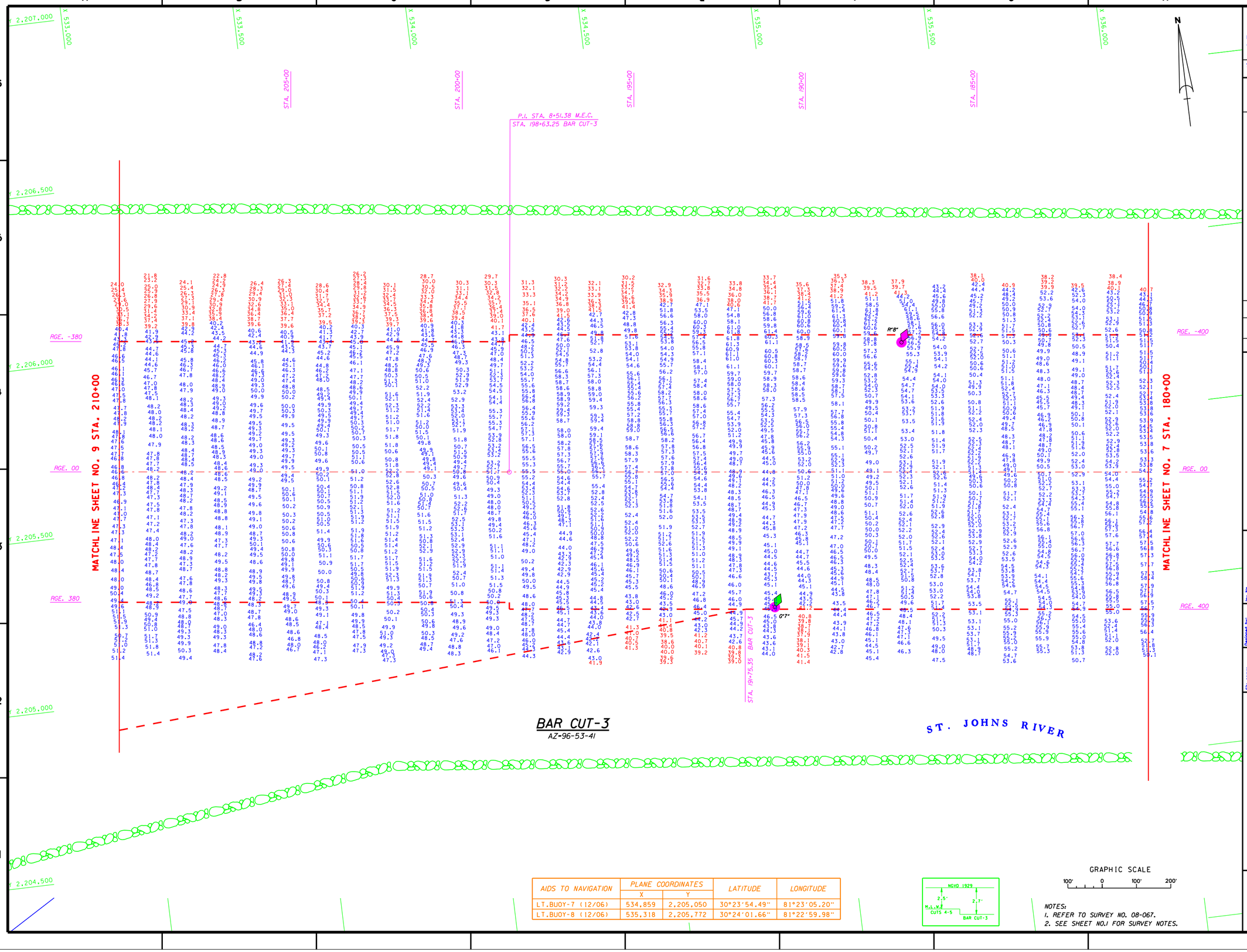
File name: 08-067SHO7.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 07-012NAV.DGN 07-012BC3.DGN

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. 08-067.
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

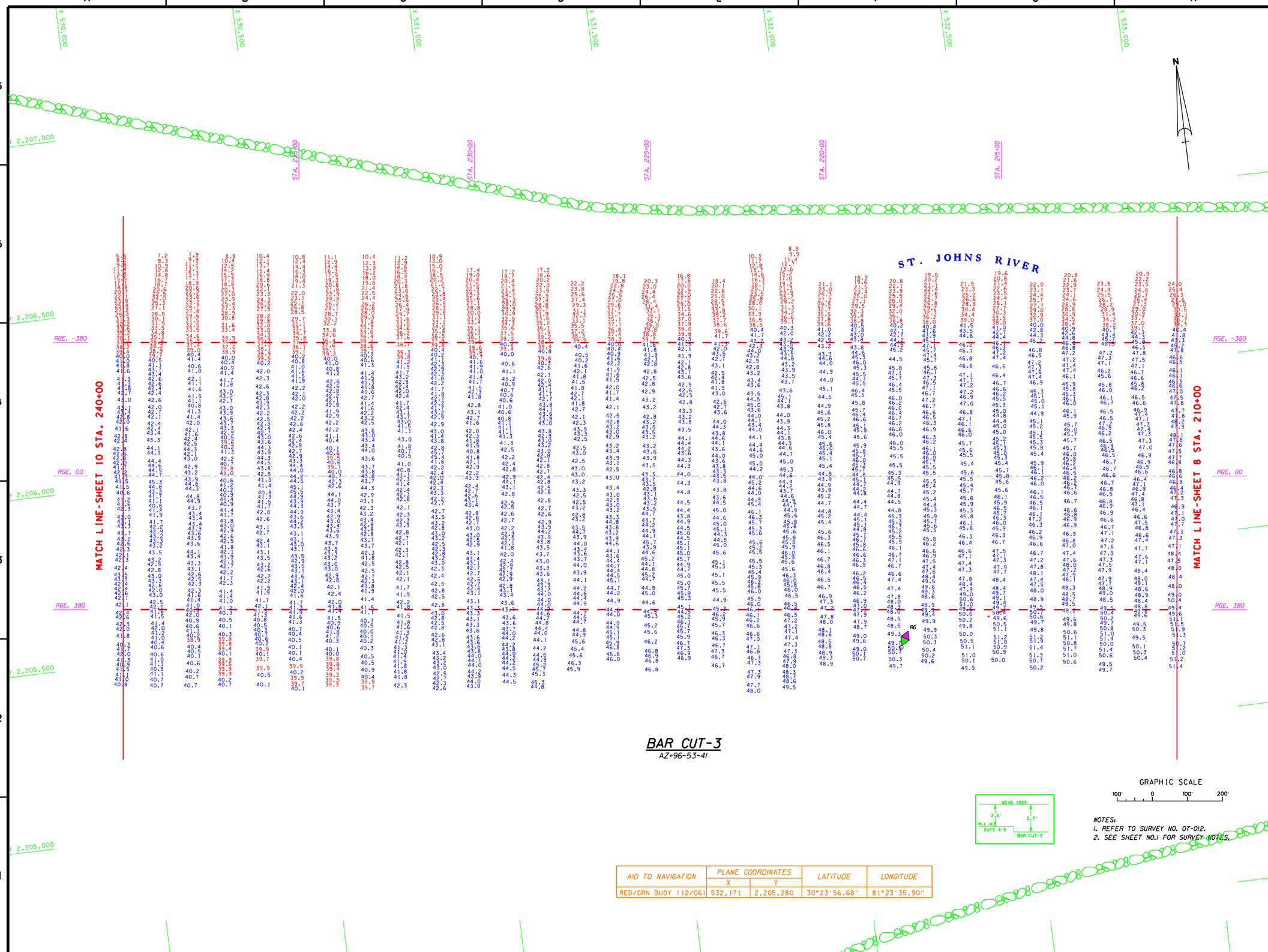
Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: 23 AUG 2001
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH08.DGN
Reference files: BRDR98.DGN JAXBASE.DGN NEWJXCH83.DGN 07-012BC3.DGN 07-012NAV.DGN 08-011BC3.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

GRAPHIC SCALE

100' 0 100' 200'

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

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
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

Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO. XX-XX,XXX

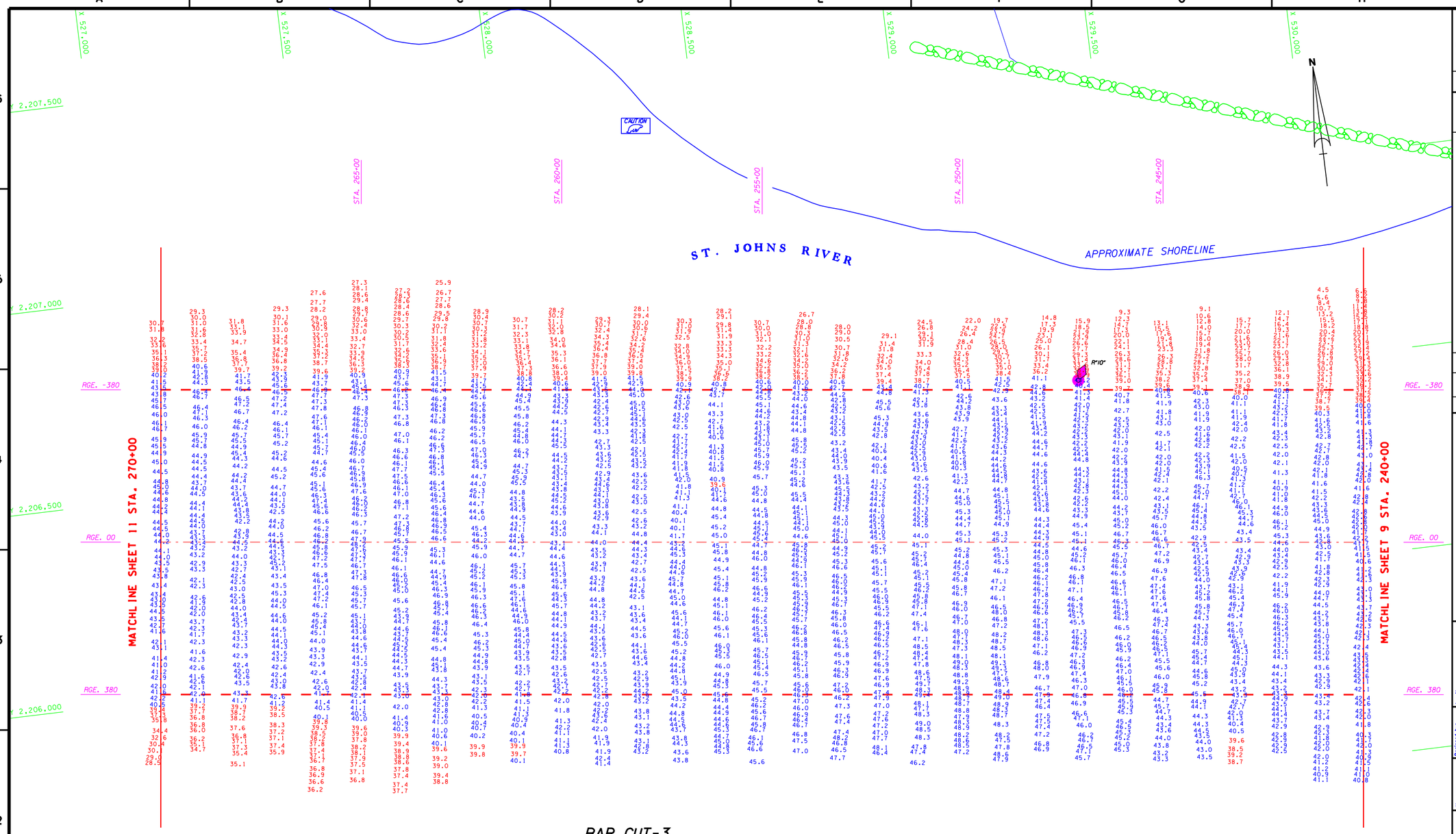
File name: 08-067H09.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN 07-145BC3.DGN JAXBASE.DGN 07-012NAV.DGN 07-012BC3.DGN 08-035BC3.DGN

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

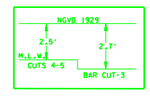
SHEET 9 OF 54



BAR CUT-3

AZ=96-53-41

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-10 (12/06)	529,372	2,206,517	30°24'08.82"	81°24'07.90"
SIGN (12/06)	528,352	2,207,279	30°24'16.33"	81°24'19.58"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-067.
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.
Dated: AS SHOWN
Scale: 23 AUG 2001
Plot date:
Plot scale: XXX

Designed by: CWH
Dwn by: WRM
Ckd by: WRM
Dated: APR 2008
D.O.F.ILE NO.

File name: 08-067SH10.DGN
Reference files: BR0998.DGN NEWJCH83.DGN MARSH83.DGN 07-012BC1.DGN 07-132BC1.DGN 07-024BC1.DGN 08-039BC1.DGN 07-012NAV.DGN

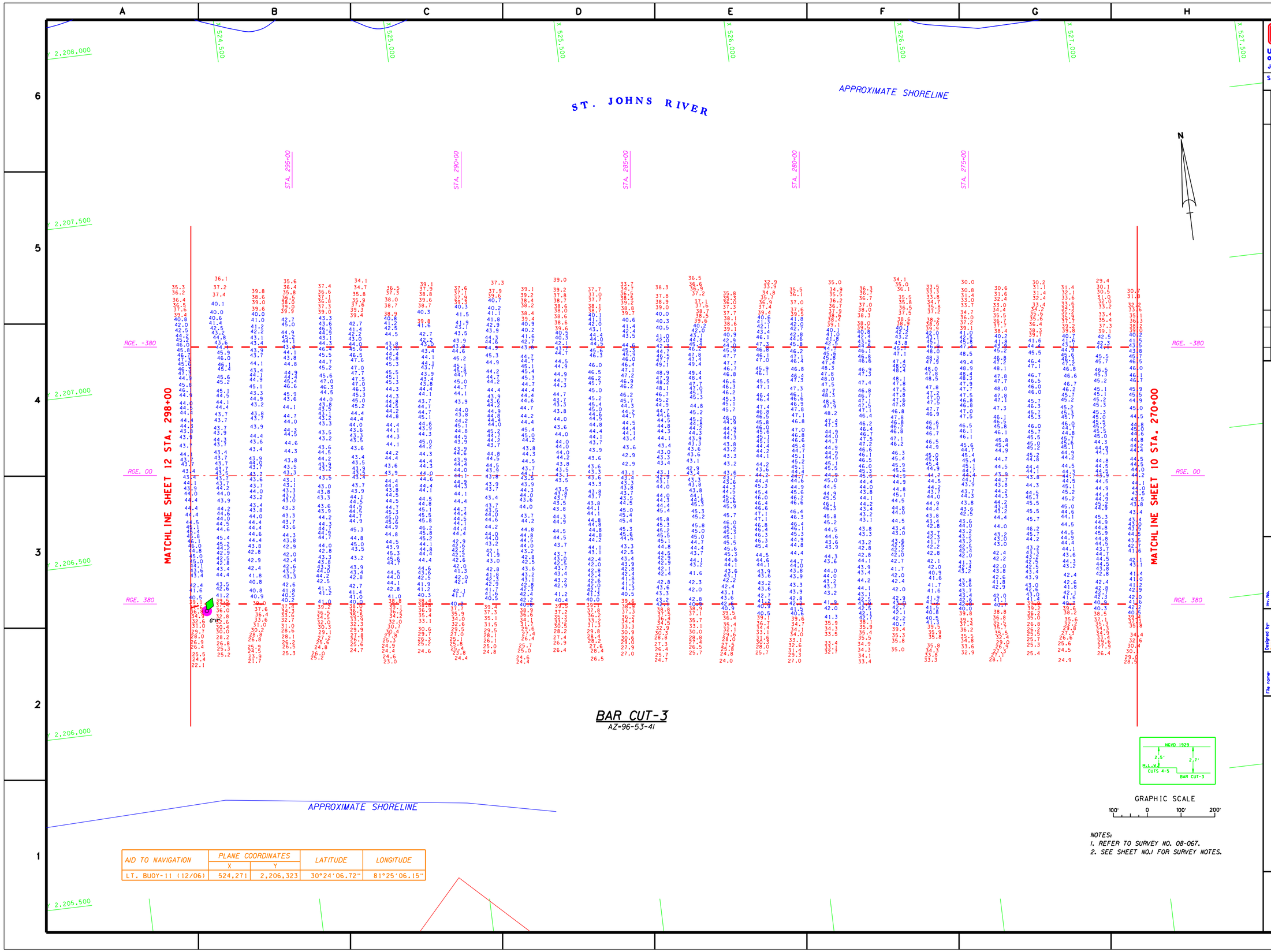
JACKSONVILLE HARBOR, FLORIDA

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

STA. 240+00 THRU STA. 270+00 BAR CUT-3
PLAN

DRAWING NO.
10/54

SHEET 10 OF 61



BAR CUT-3
AZ-96-53-41

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-067.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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"

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: 23 AUG 2001
Plot scale: XXXX

Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Dated: APR 2008

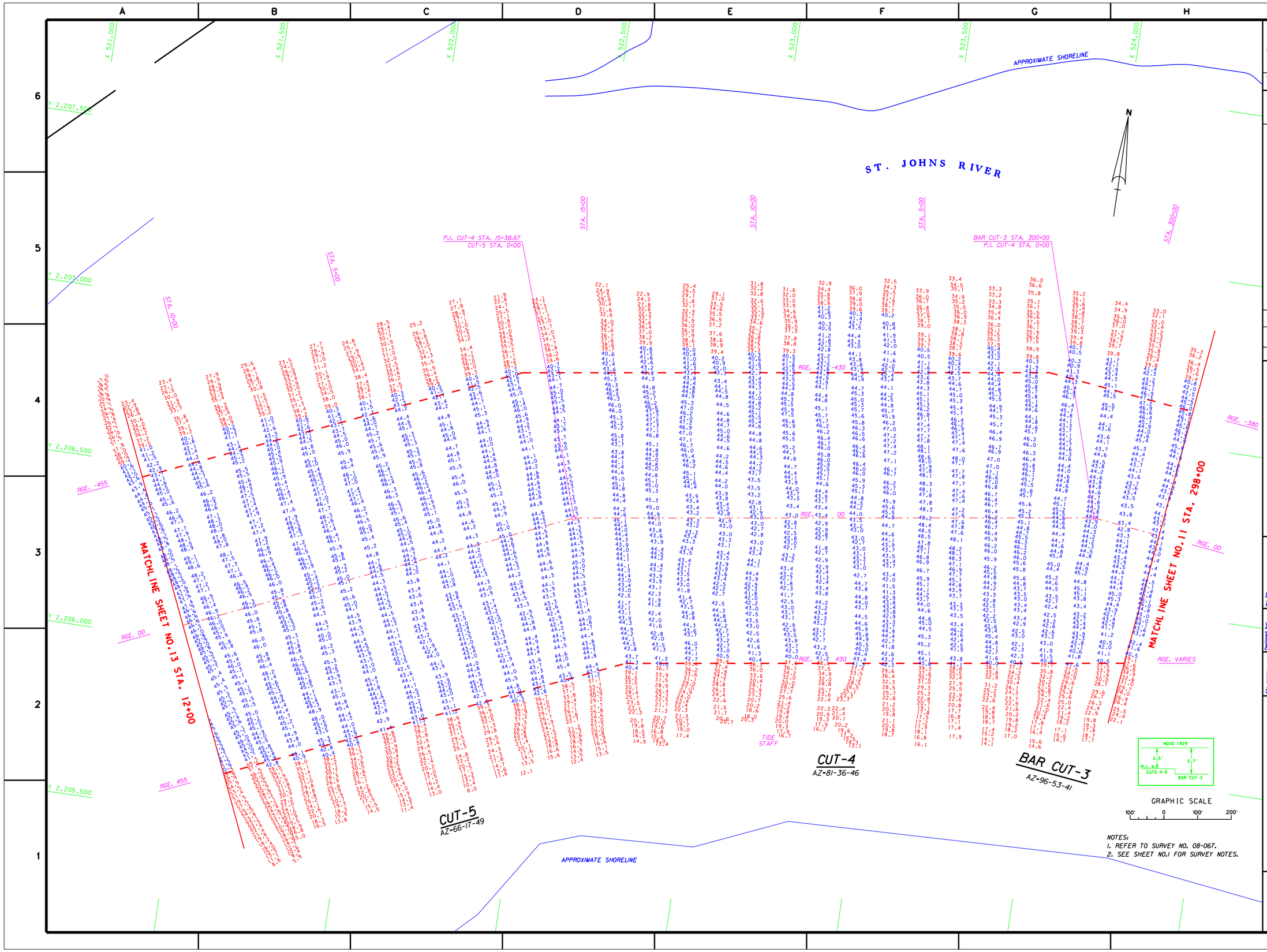
D.O.FILE NO.

File name: 08-067SH11.DGN
Reference files: BRDR98.DGN NEWJCH83.DGN JAXBASE.DGN 07-132BC3.DGN 07-012NAV.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 270+00 THRU STA. 298+00 BAR CUT-3
PLAN

DRAWING NO.
11/54

SHEET 11 OF 61



NOTES:
1. REFER TO SURVEY NO. 08-067.
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: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: 23 AUG 2001
Plot scale: XXX

Dated: APR 2008
D.O.FILE NO.

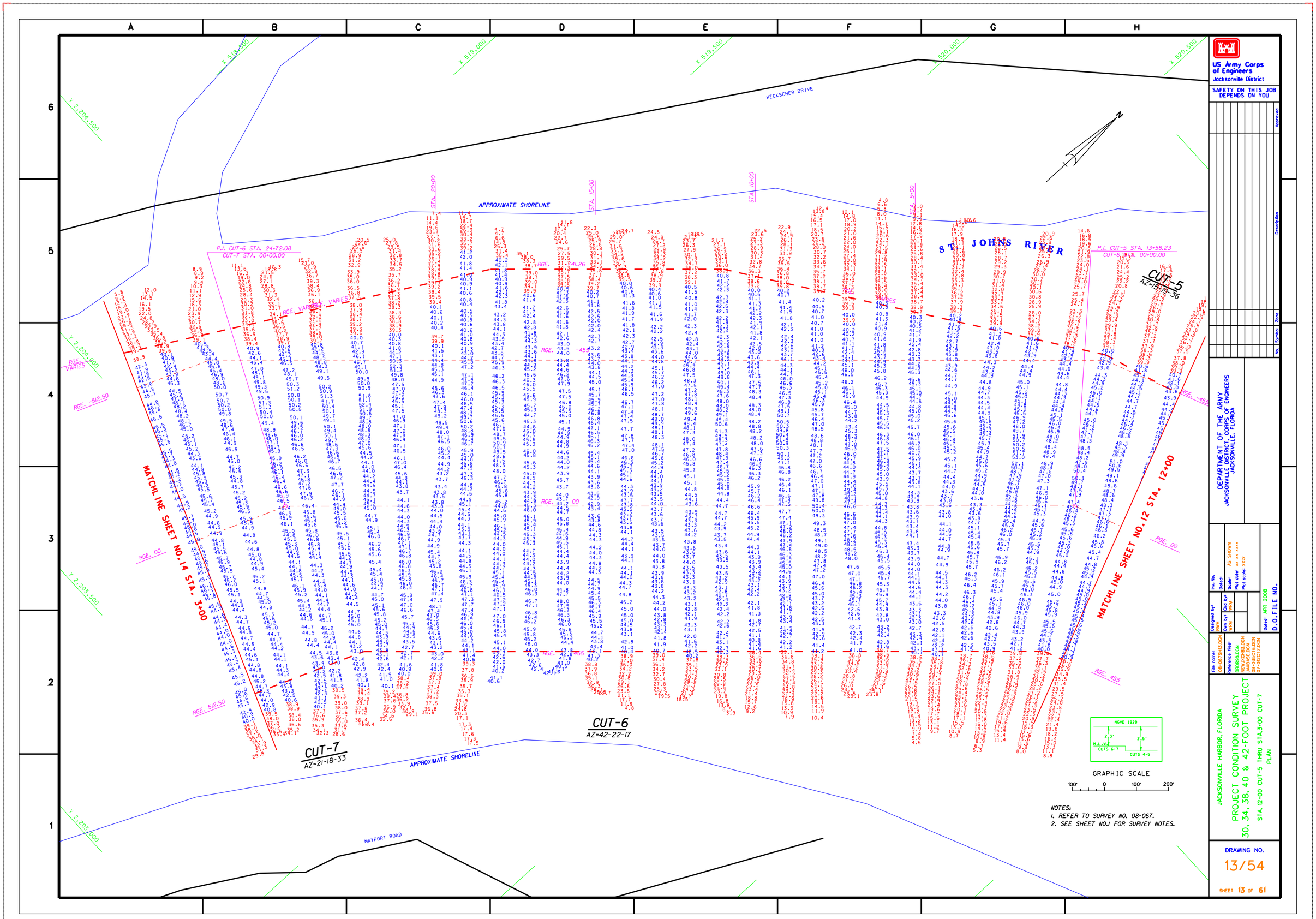
File name: 08-067SH12.DGN
Reference files: BRDR98.DGN JAXBASE.DGN NEWJXCH83.DGN 07-132BC3.DGN 08-012CT4.DGN 08-026CT5.DGN 08-035CT6.DGN

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. 08-067.
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.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

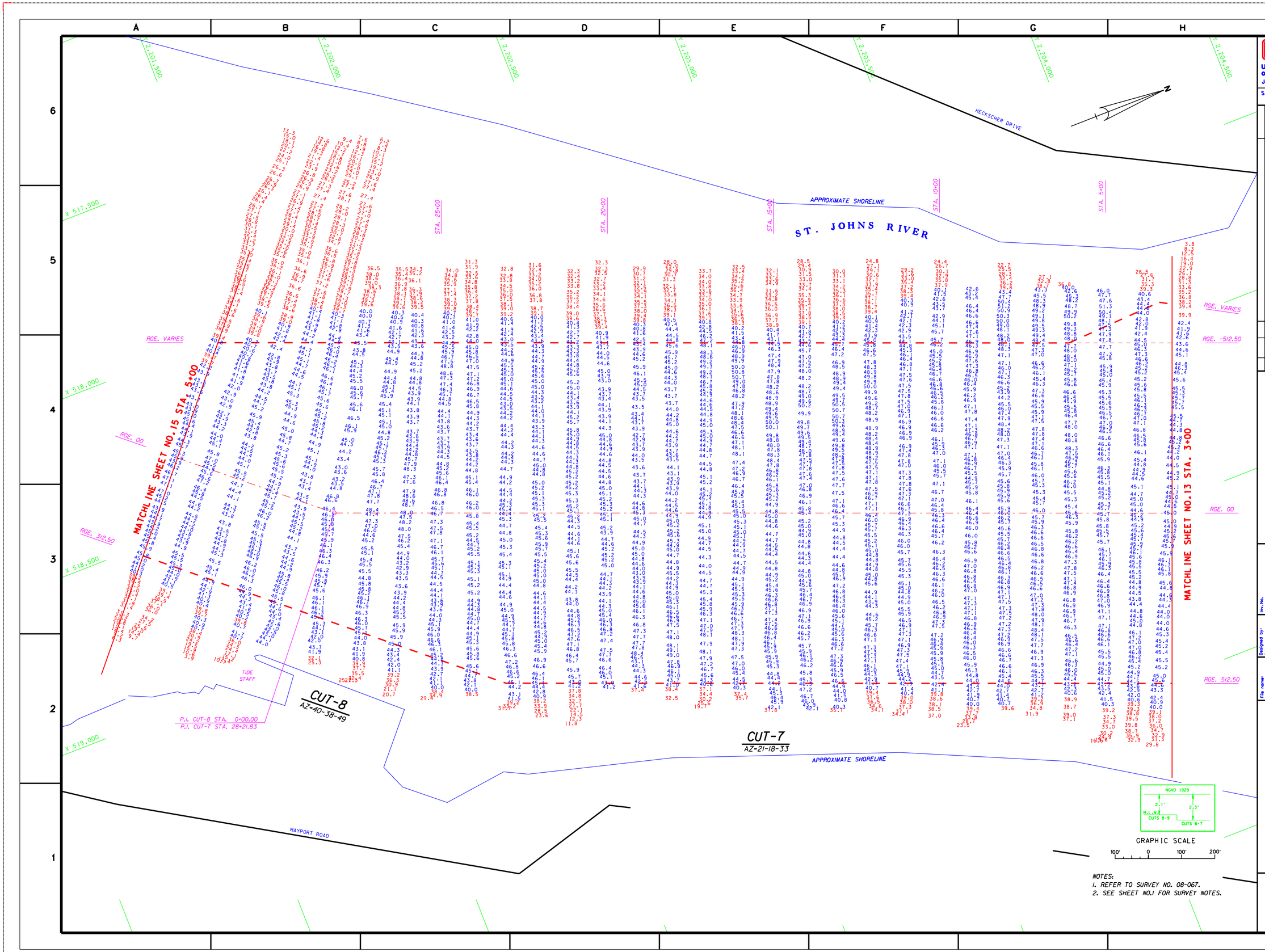
Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Date: APR 2008
D.O.FILE NO.

File name: 08-067SH13.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-067SC16.DGN 07-012CT7.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. 08-067.
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: DWH
Dwn by: WRM
Ckd by: WRM
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

File name: 08-067SH14.DGN
Reference files: BRDR98.DGN NEWJXCH8.DGN JAXBASE.DGN 08-028CT8.DGN 07-012CT7.DGN

Dated: APR 2008
D.O.FILE NO. XX-XX,XXX

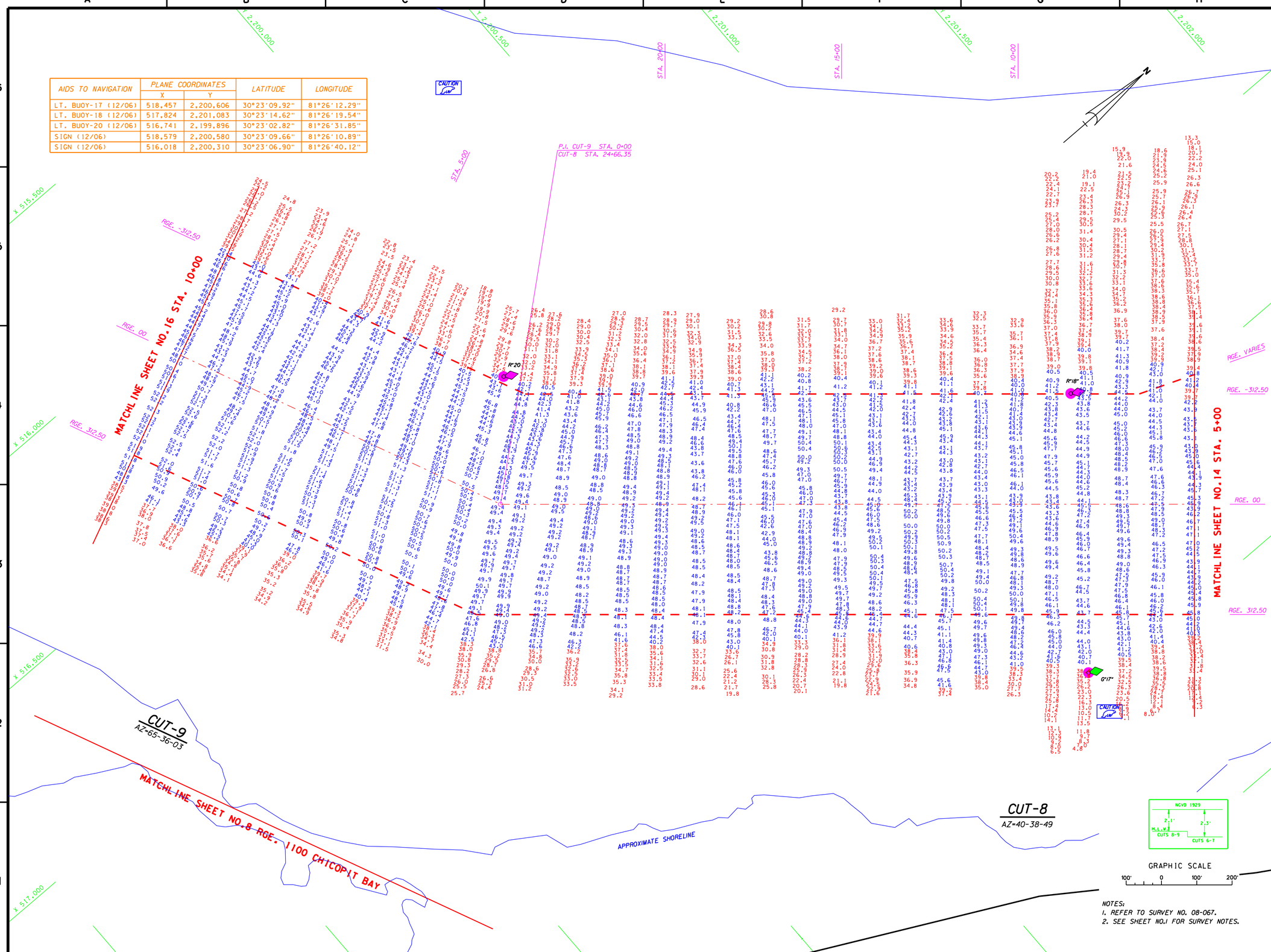
JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 3+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. 08-067.
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

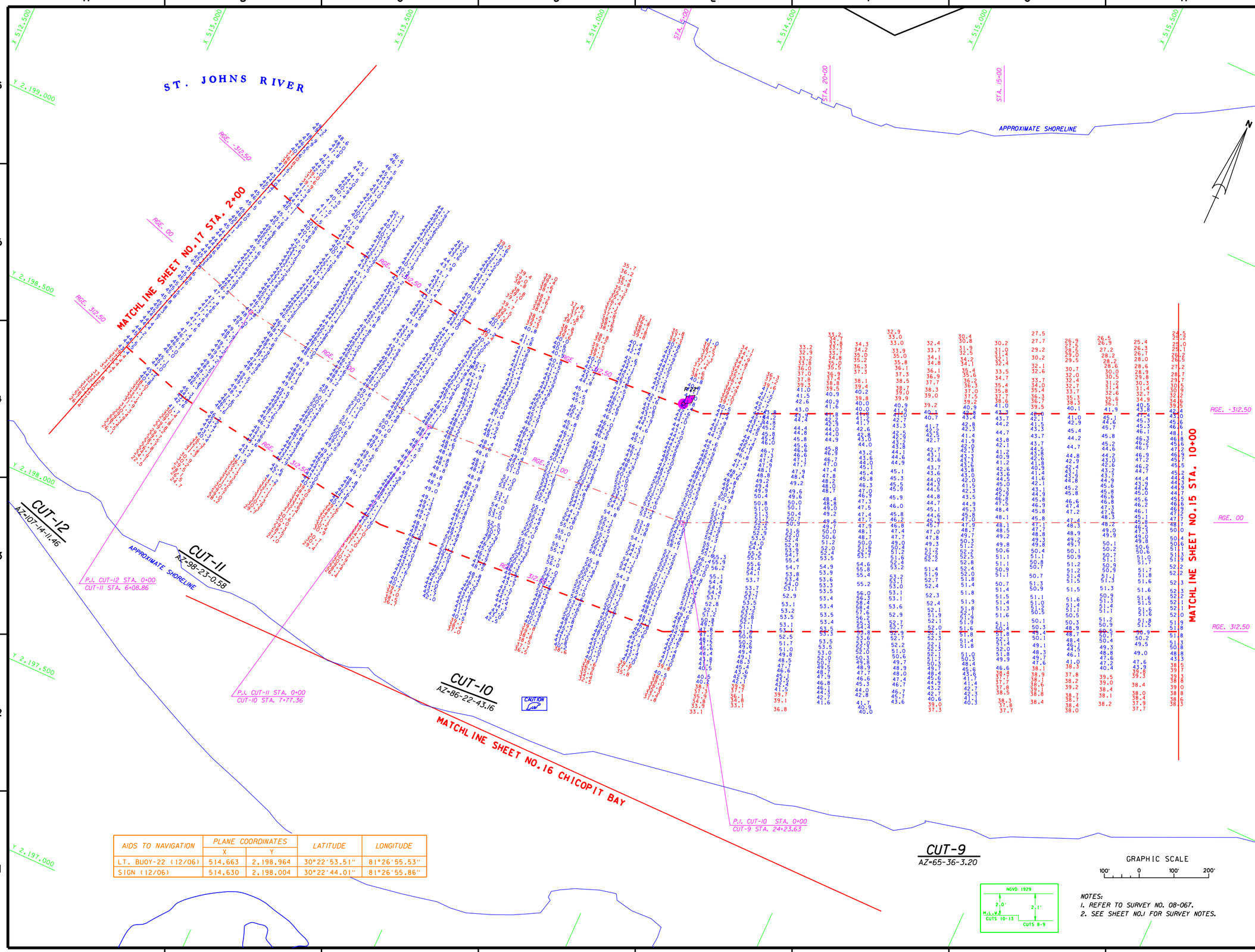
Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Date:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SHS.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 07-012CT8.DGN 08-012CT8.DGN 08-028CT8.DGN 08-012CT9.DGN 07-012NAV.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		LATITUDE	LONGITUDE
	X	Y		
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. 08-067.
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: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

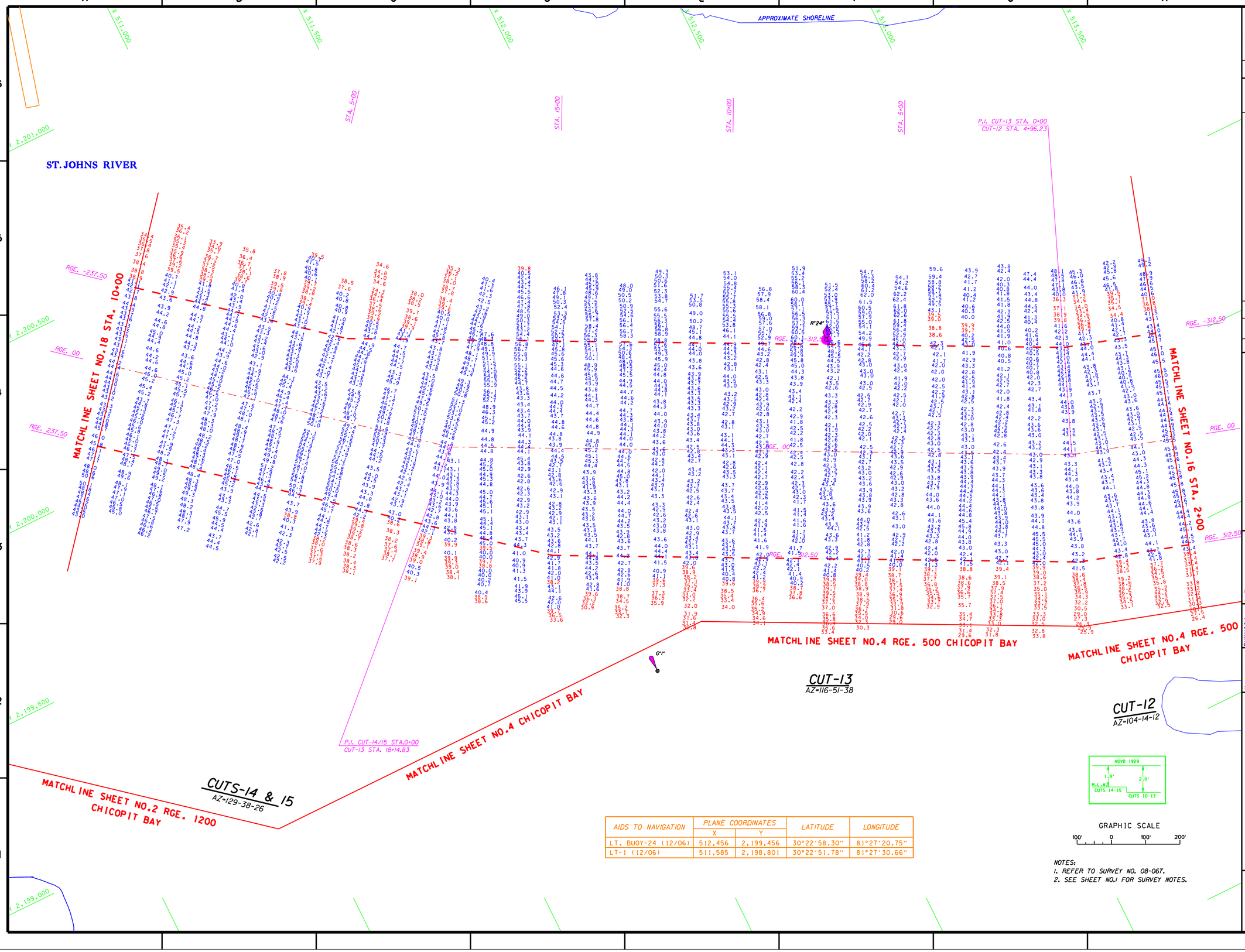
Designed by: RWH
Dwn by: KMB
Ckd by: KMB
Date: APR 2008
D.O.F.ILE NO.

File name: 08-067SHI6.DGN
Reference files: BR0998.DGN
MEASKP-BS.DGN
07-012CT9.DGN
07-012CT10.DGN
08-001CT10.DGN
08-004CT11.DGN
08-006CT12.DGN
07-012NAV.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. 08-067.
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: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: PMH
Dwn by: MHW
Ckd by: MHW

Date: APR 2008
D.O.FILE NO.

File name: 08-067SH17.DGN
Reference files: BBDR98.DGN
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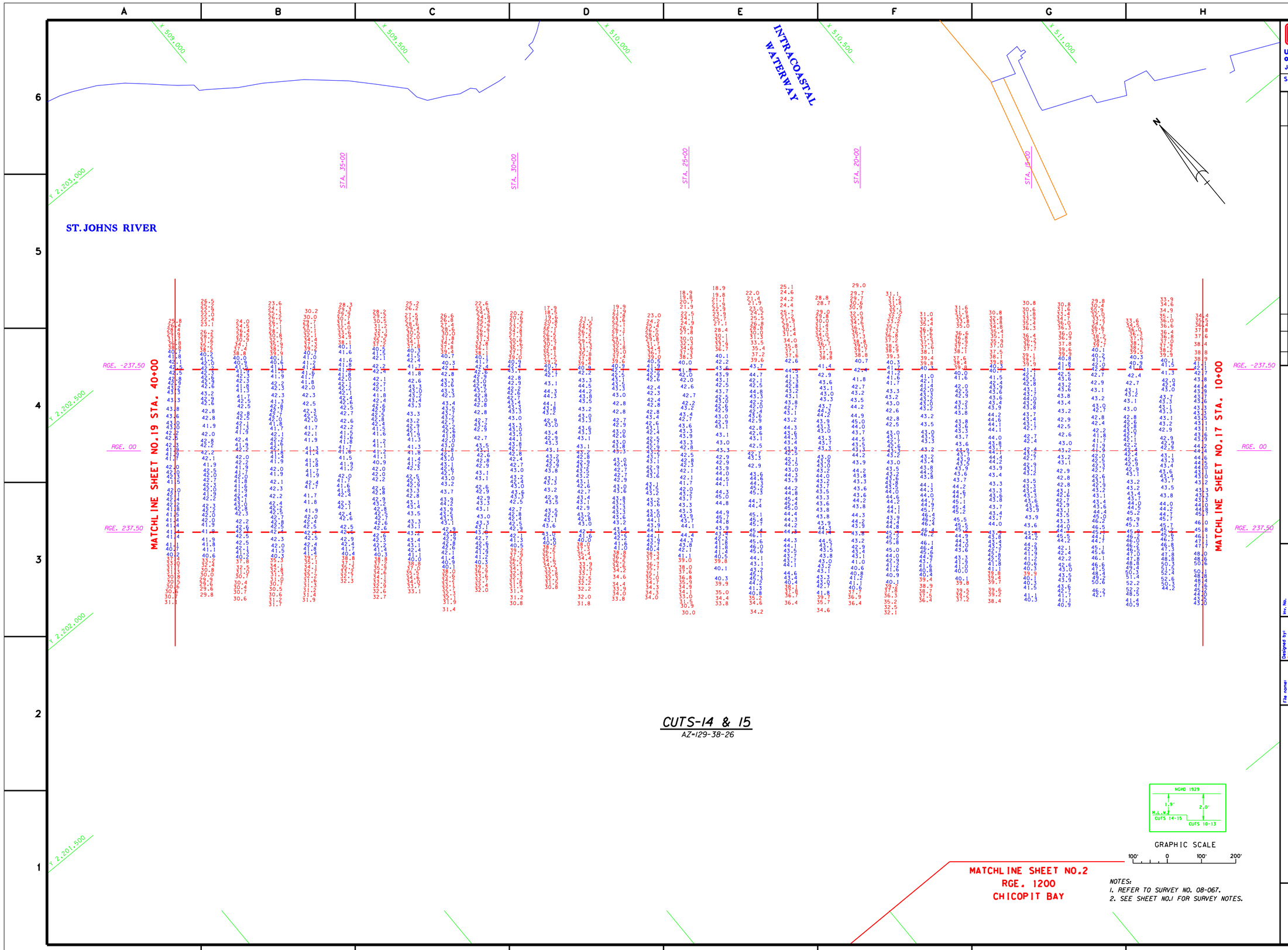
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA.2+00 CUT-12 THRU STA.10+00 CUTS-14/15
PLAN

DRAWING NO.
17/54

SHEET 17 OF 61



NOTES:
1. REFER TO SURVEY NO. 08-067.
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

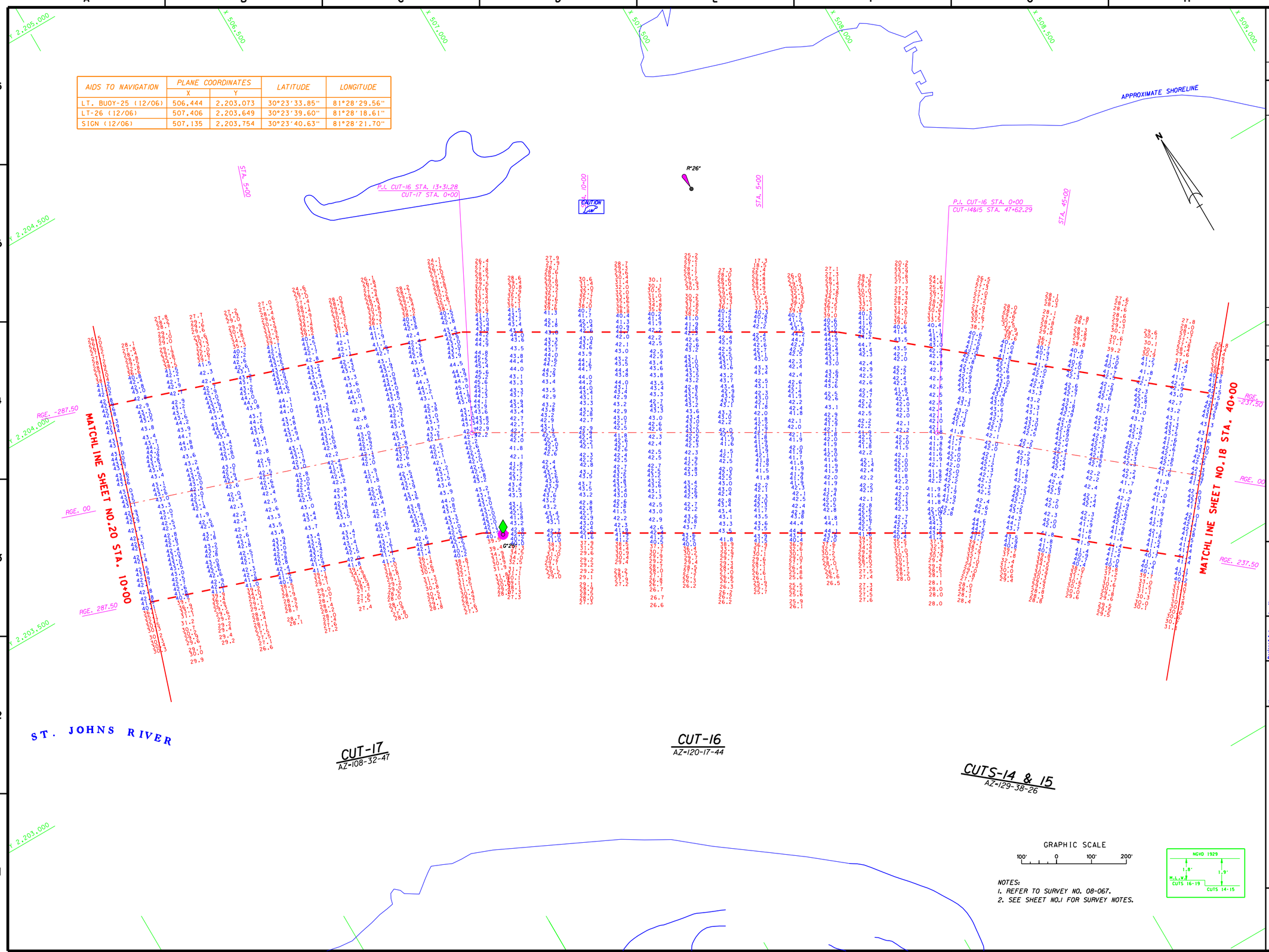
Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Date:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO. XX-XX,XXX

File name: 08-067SH18.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-05IC14.DGN 08-086C14.DGN

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

DRAWING NO.
18/54

SHEET 18 OF 61



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. 08-067.
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

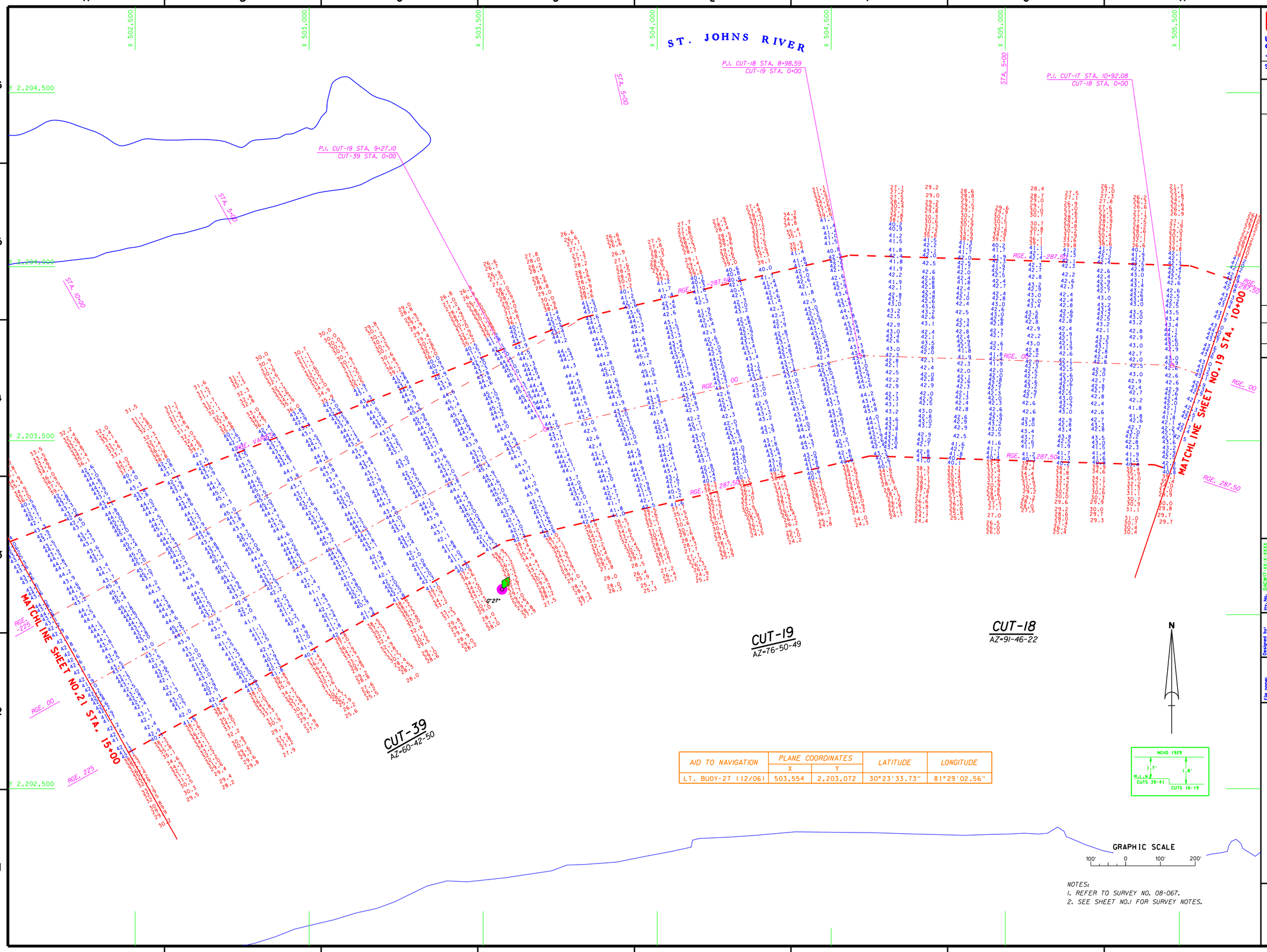
Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO. XX-XX,XXX

File name: 08-067SH19.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-051C14.DGN 08-051C16.DGN 08-051C17.DGN 07-012NAV.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"

NOTES:
1. REFER TO SURVEY NO. 08-067.
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

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

Designed by: WRM
Dwn by: WRM
Ckd by: WRM

Dated: APR 2008
D.O.FILE NO. XXX-XX,XXX

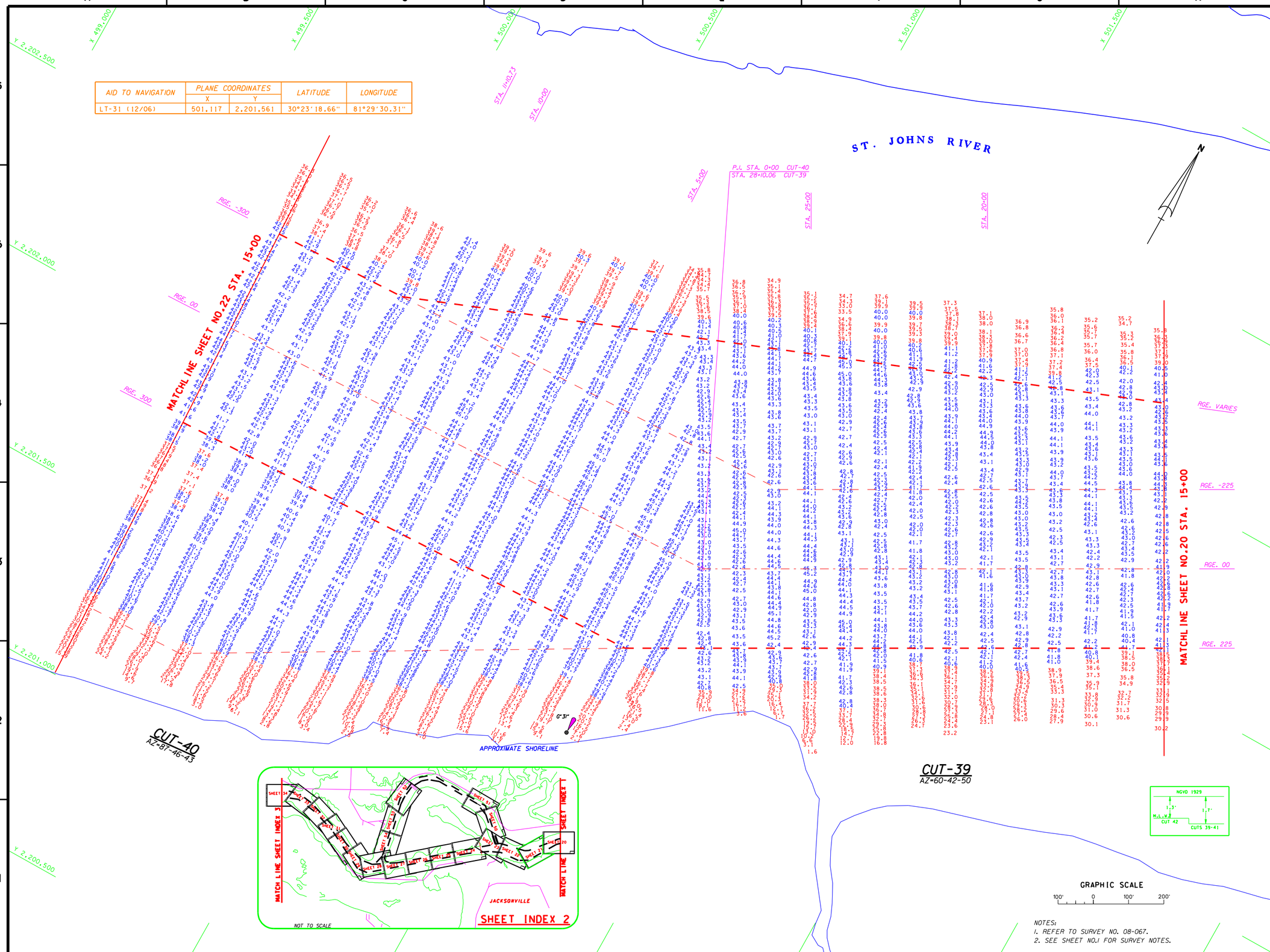
File name: 08-067SH20.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-051C17.DGN 08-051C18.DGN 08-051C19.DGN 08-086C19.DGN 08-051C39.DGN 08-086C39.DGN 07-012NAV.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 10+00 CUT-17 THRU STA. 15+00 CUT-39
PLAN

DRAWING NO.
20/54

SHEET 20 OF 61

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. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: WRM
Dwn by: WRM
Ckd by: WRM

Dated: APR 2008
D.O.FILE NO. XXX-XX.XXX

File name: 08-067SHO1.DGN
References files: BR0998.DGN
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08-035C59.DGN
08-035C60.DGN
08-035C40.DGN
08-086C40.DGN
07-FPDRAW.DGN

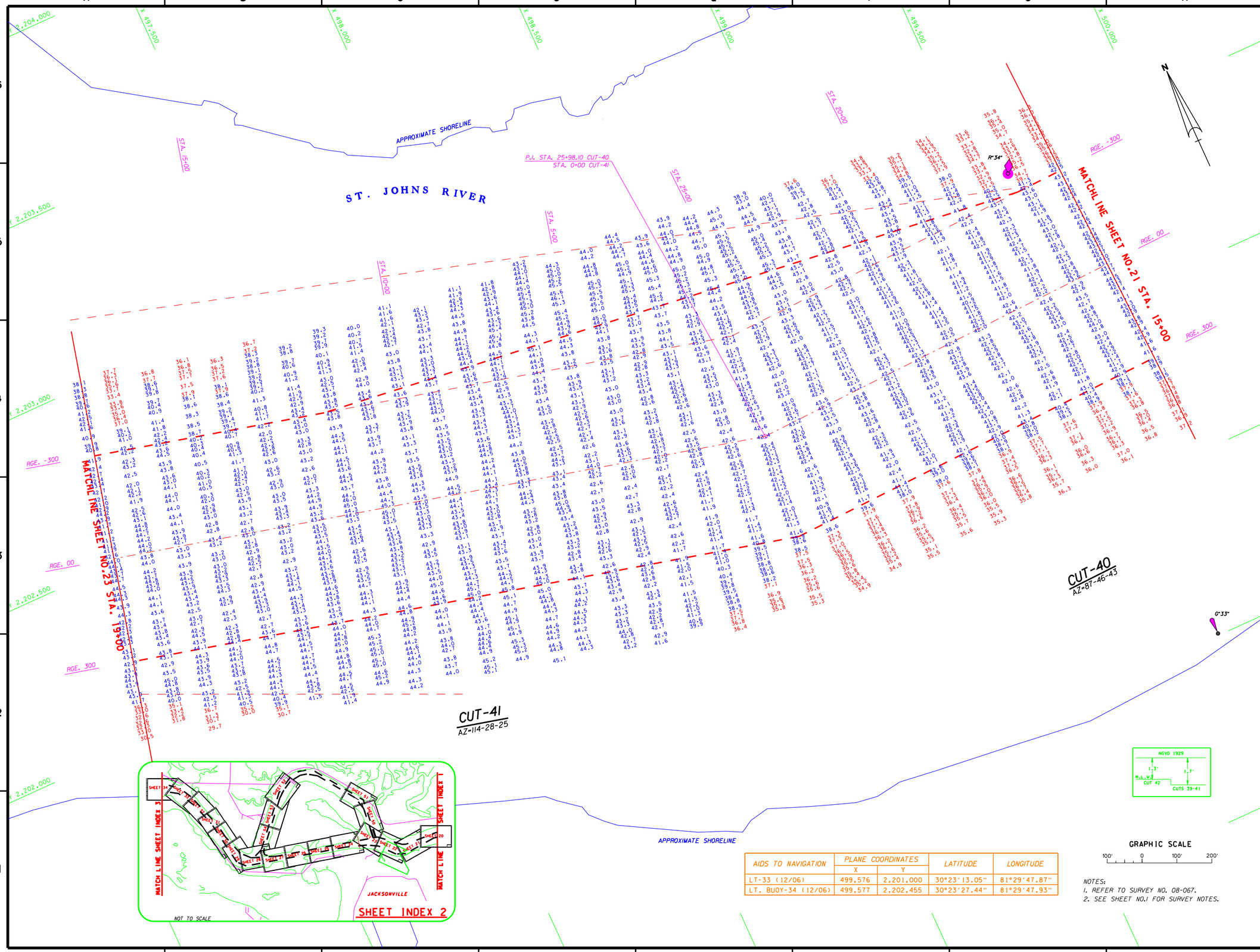
JACKSONVILLE HARBOR, FLORIDA

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"

NOTES:
1. REFER TO SURVEY NO. 08-067.
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

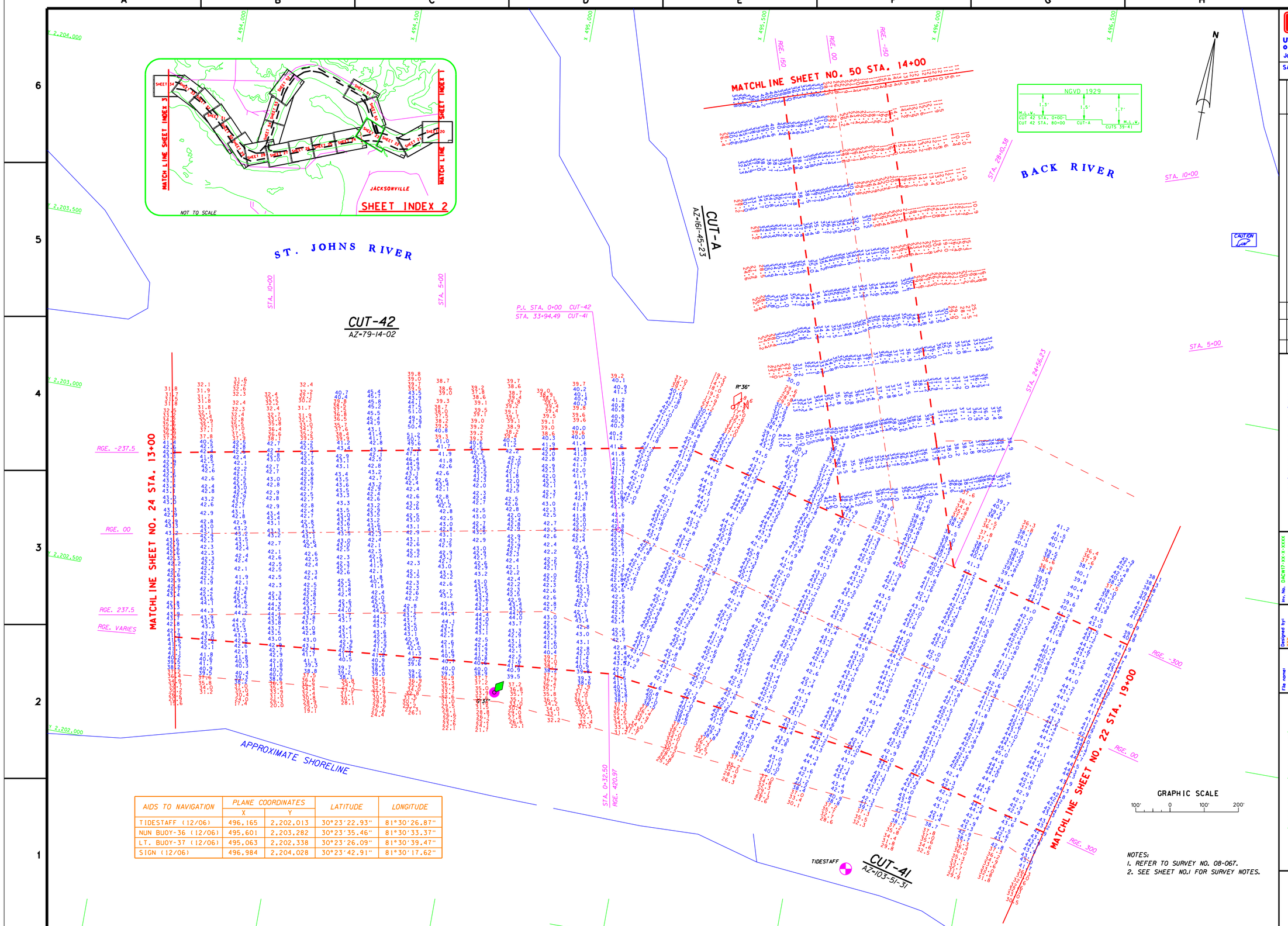
Designed by: WRM
Dwn by: WRM
Ckd by: WRM
Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO. XXX-XX,XXX

File name: 08-067SH22.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-086C40.DGN 08-086C41.DGN 07-012NAV.DGN

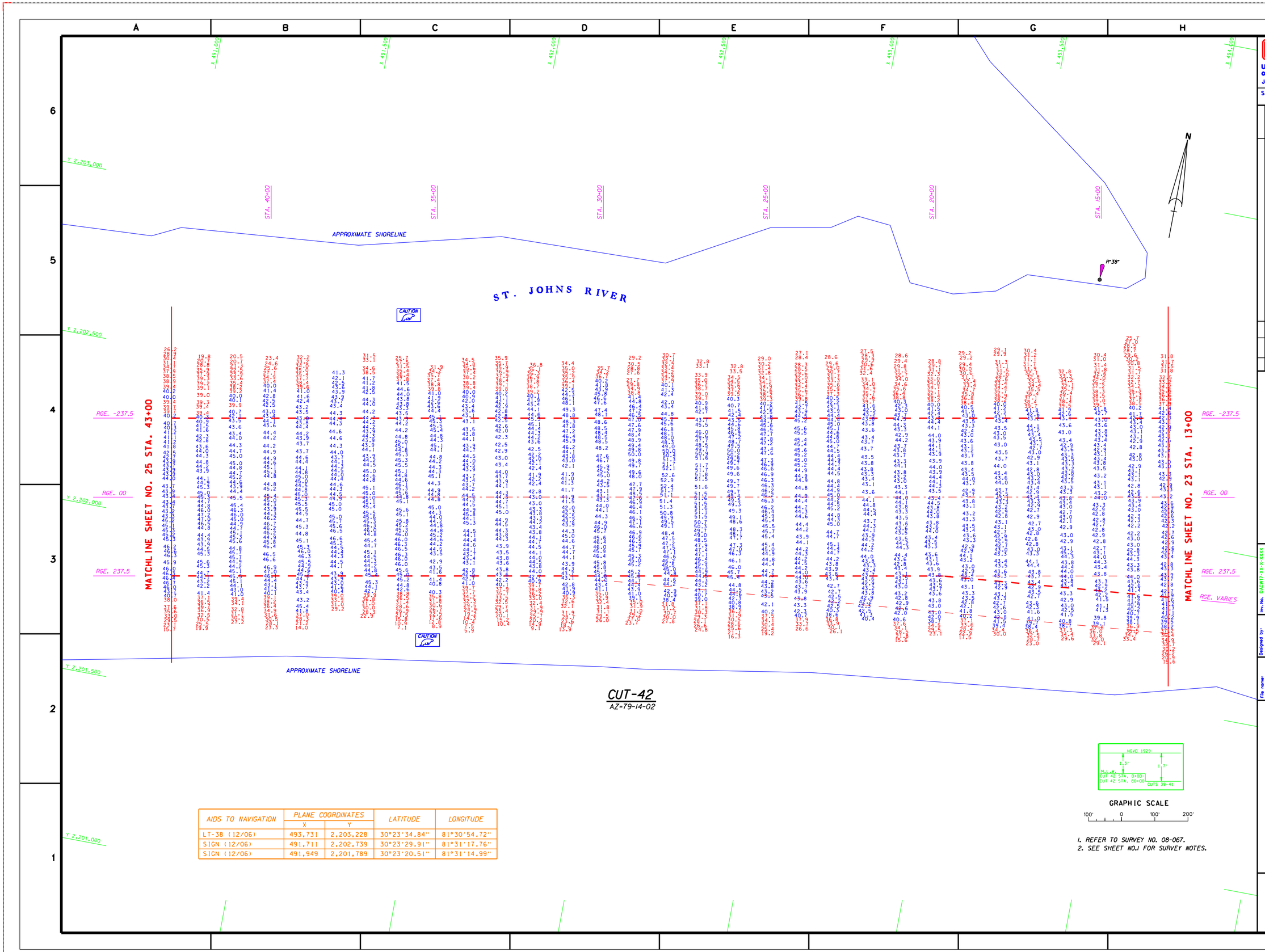
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 38 & 40-FOOT PROJECT
STA. 15+00 CUT-40 THRU STA. 19+00 CUT-41
PLAN

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"



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
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. 08-067.
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: XXX

Designed by: XXX
Dwn by: XXX
Ckd by: XXX
Date: APR 2008
D.O.FILE NO.

File name: 08-067SH24.DGN
Reference files: B08098.DGN NEWJAX083.DGN JAXBASE.DGN 08-051CK2.DGN 07-012NAV.DGN

JACKSONVILLE HARBOR, FLORIDA

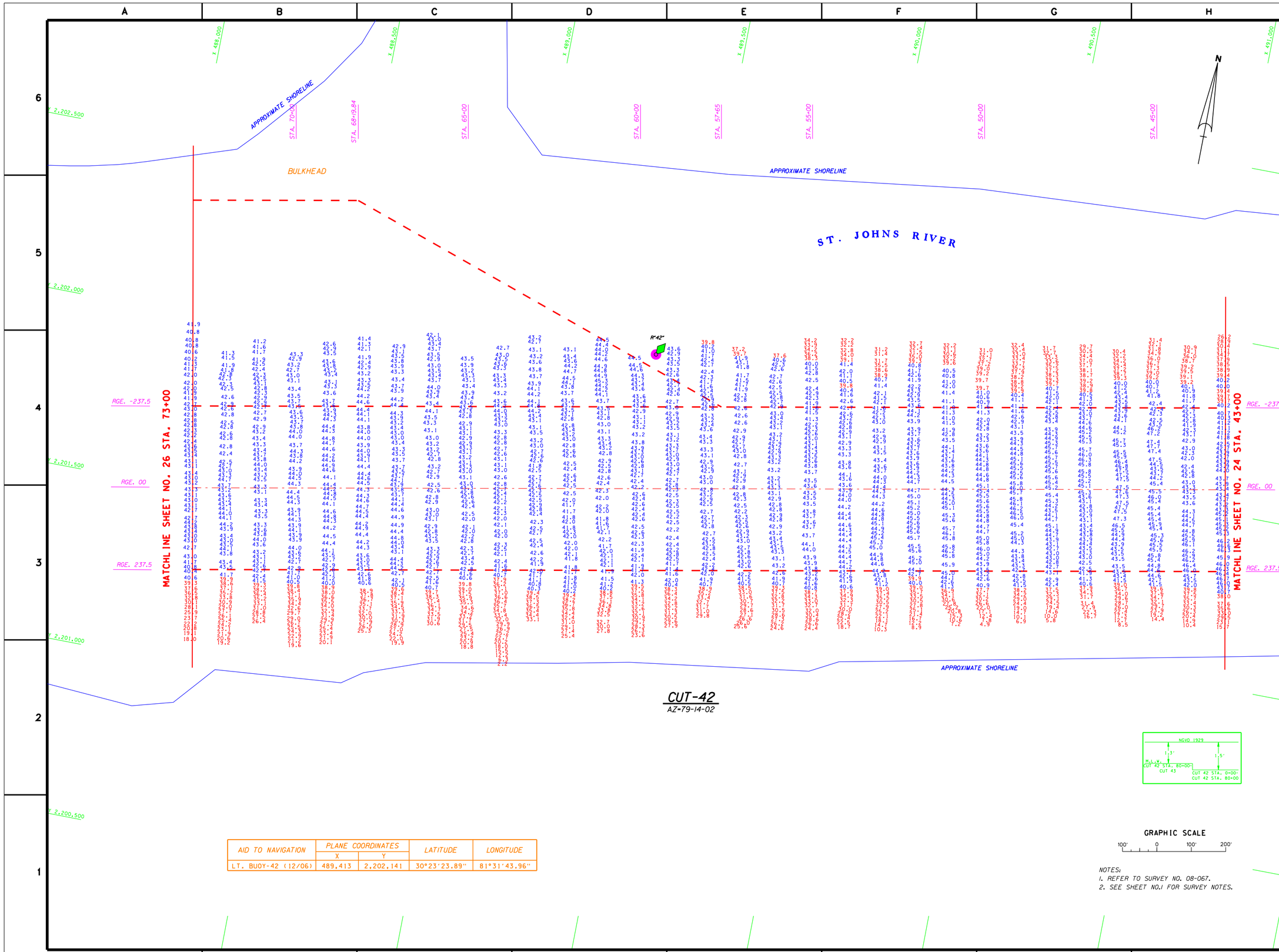
PROJECT CONDITION SURVEY 30, 38 & 40-FOOT PROJECT

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. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

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

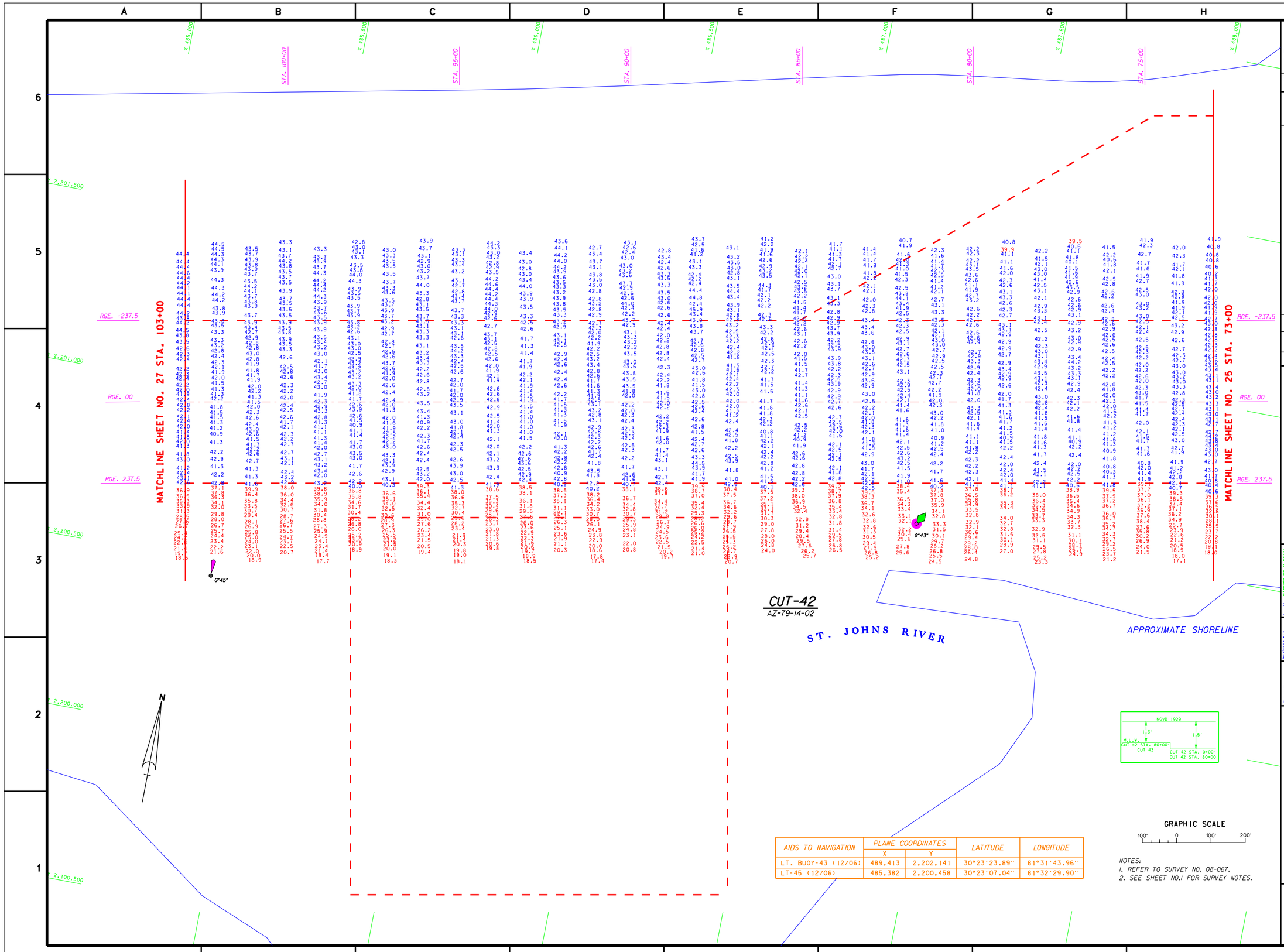
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH25.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-051C42.DGN 08-086C42.DGN 07-012NAV.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. 08-067.
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

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

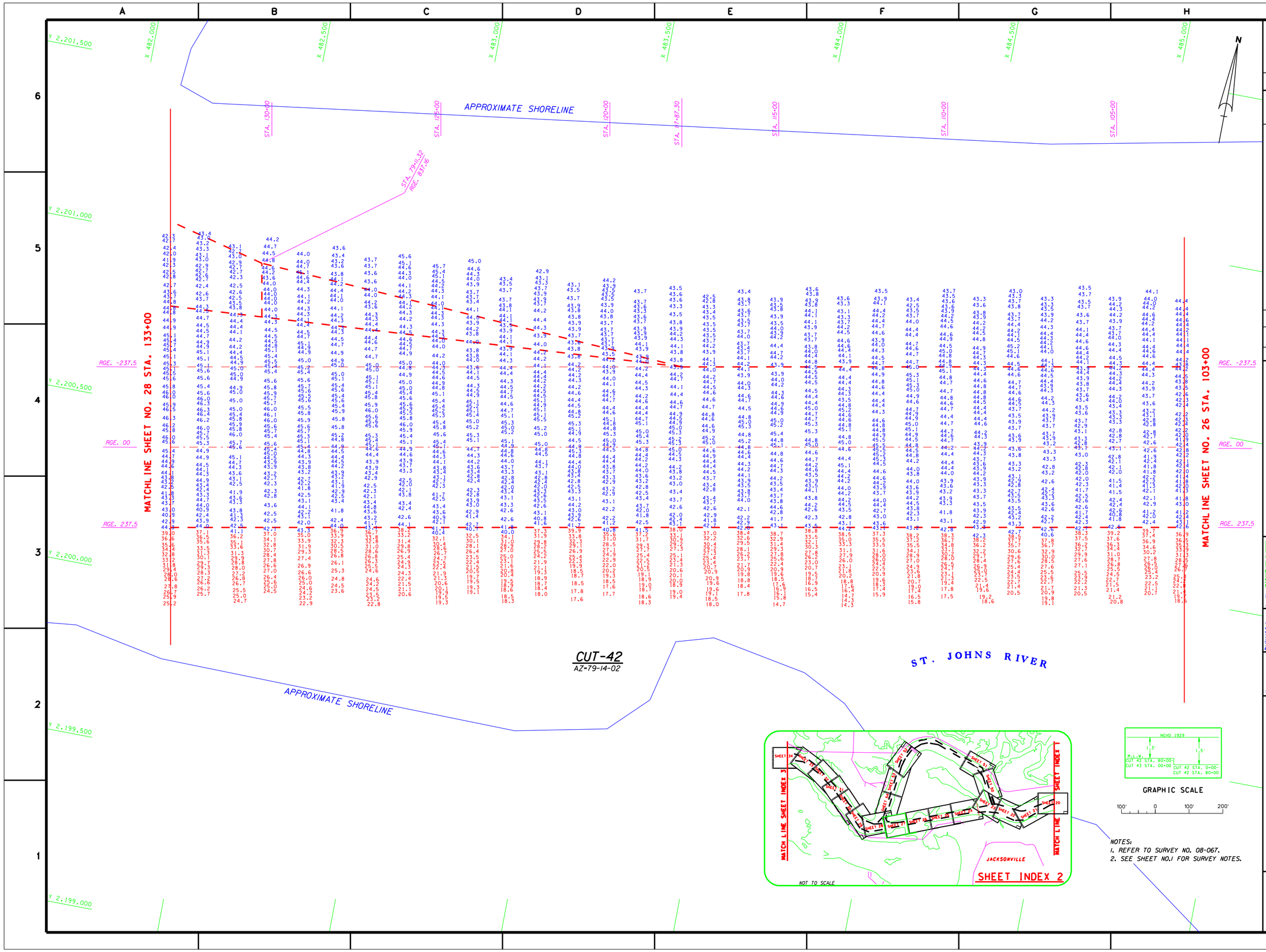
Designed by: XXX
Dwn by: WRM
Ckd by: WRM
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH26.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-086C42.DGN 07-012NAV.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



NOTES:
1. REFER TO SURVEY NO. 08-067.
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

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

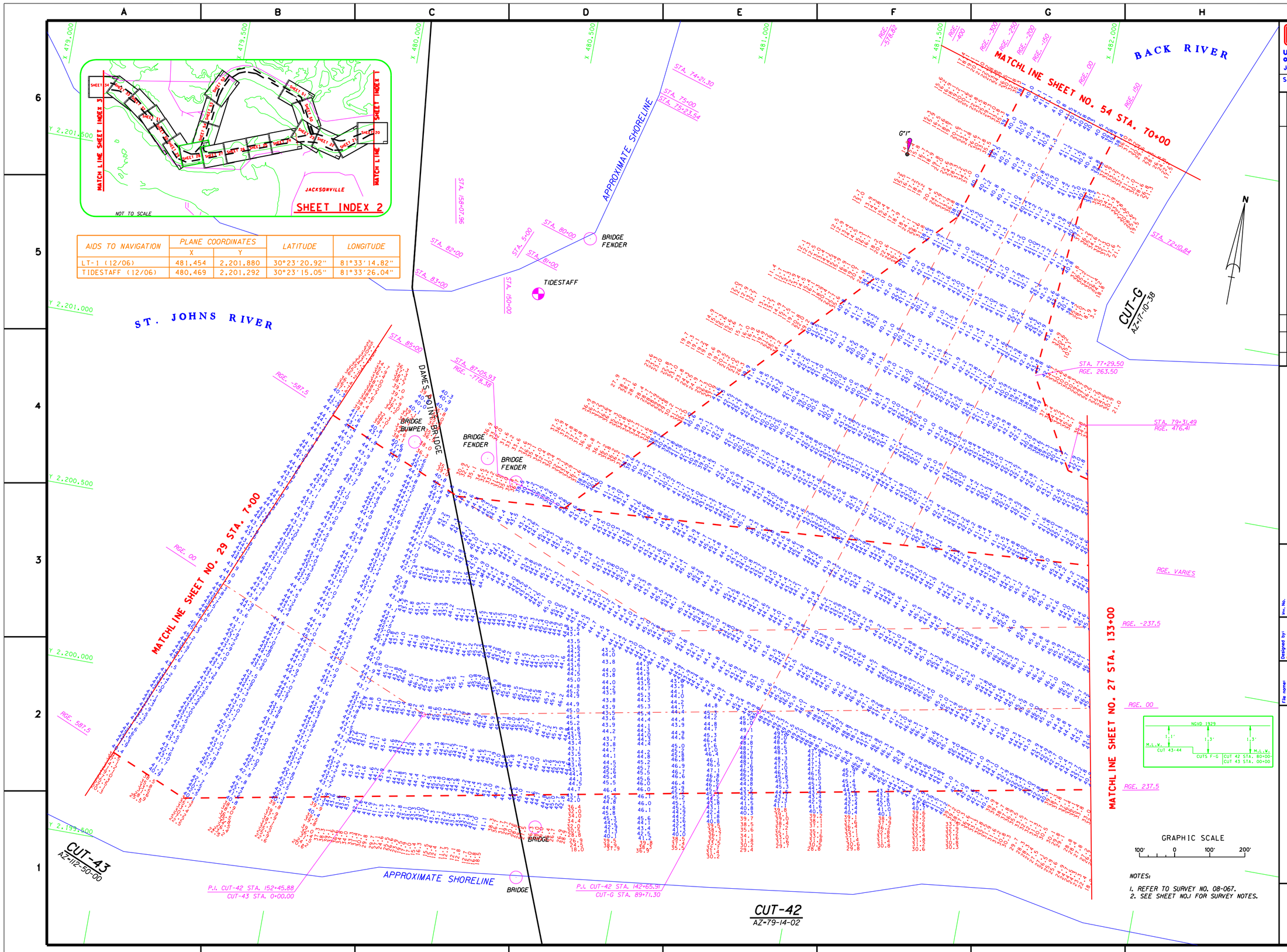
Designed by: XXX
Dwn by: WRM
Ckd by: WRM
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH27.DGN
Reference files: BRDR98.DGN NEWJXCHB3.DGN JAXBASE.DGN 08-086C42.DGN 07-012NAV.DGN

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



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
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. 08-067.
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: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: PWH
Dwn by: CMJ
Ckd by: PWH

Date: APR 2008

D.O.FILE NO.

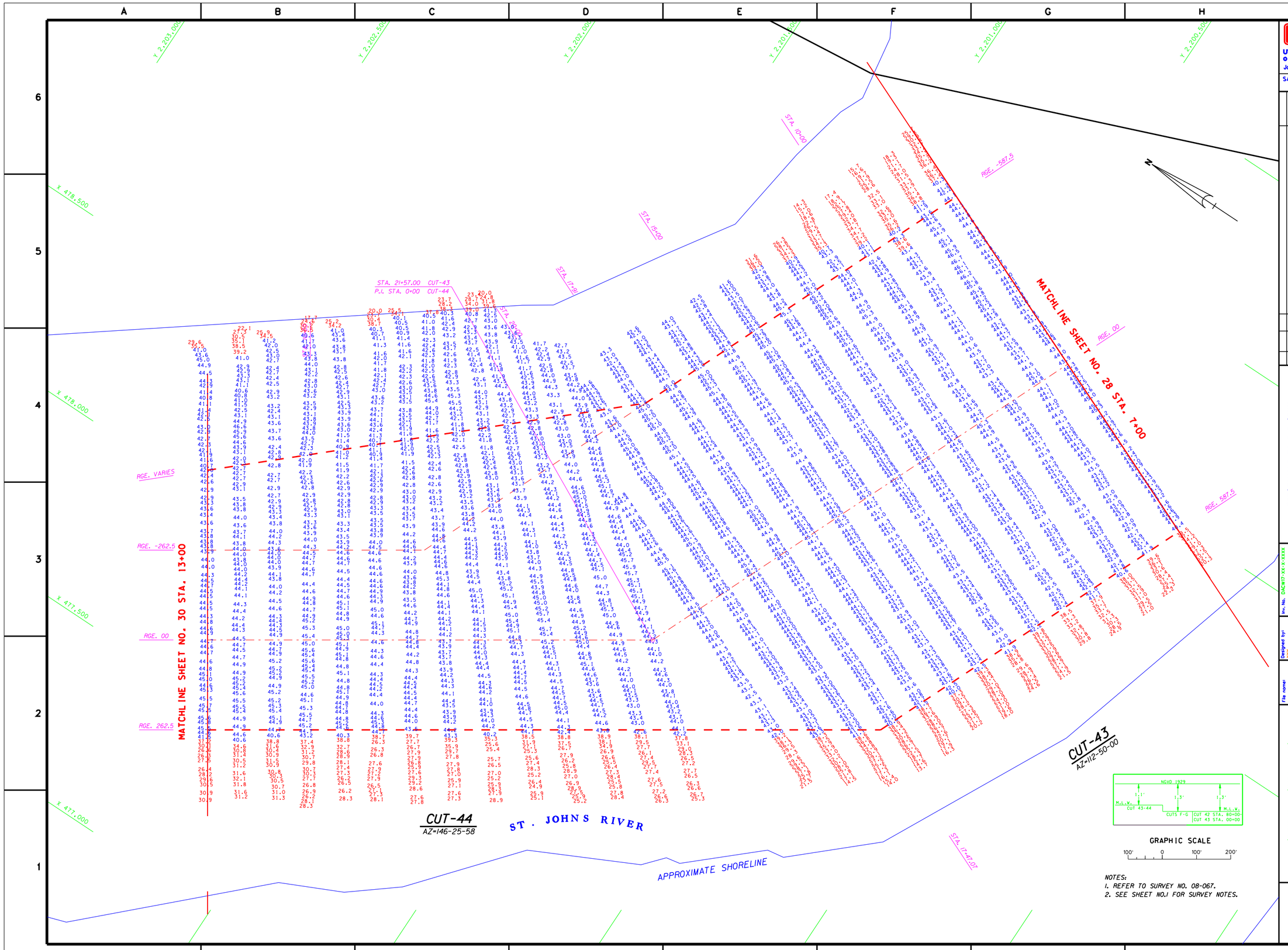
File name: 08-067SH28.DGN
Reference files: BGR98.DGN NEW JACKS85.DGN 08-05SC1-2.DGN 08-05SC42.DGN 08-10CTG.DGN 08-05SC42-43.DGN 07-02MAN.DGN

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

DRAWING NO.
28/54

SHEET 28 OF 61



NOTES:
1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXXX

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

Dated: APR 2008

D.O.FILE NO. XXX-XX,XXX

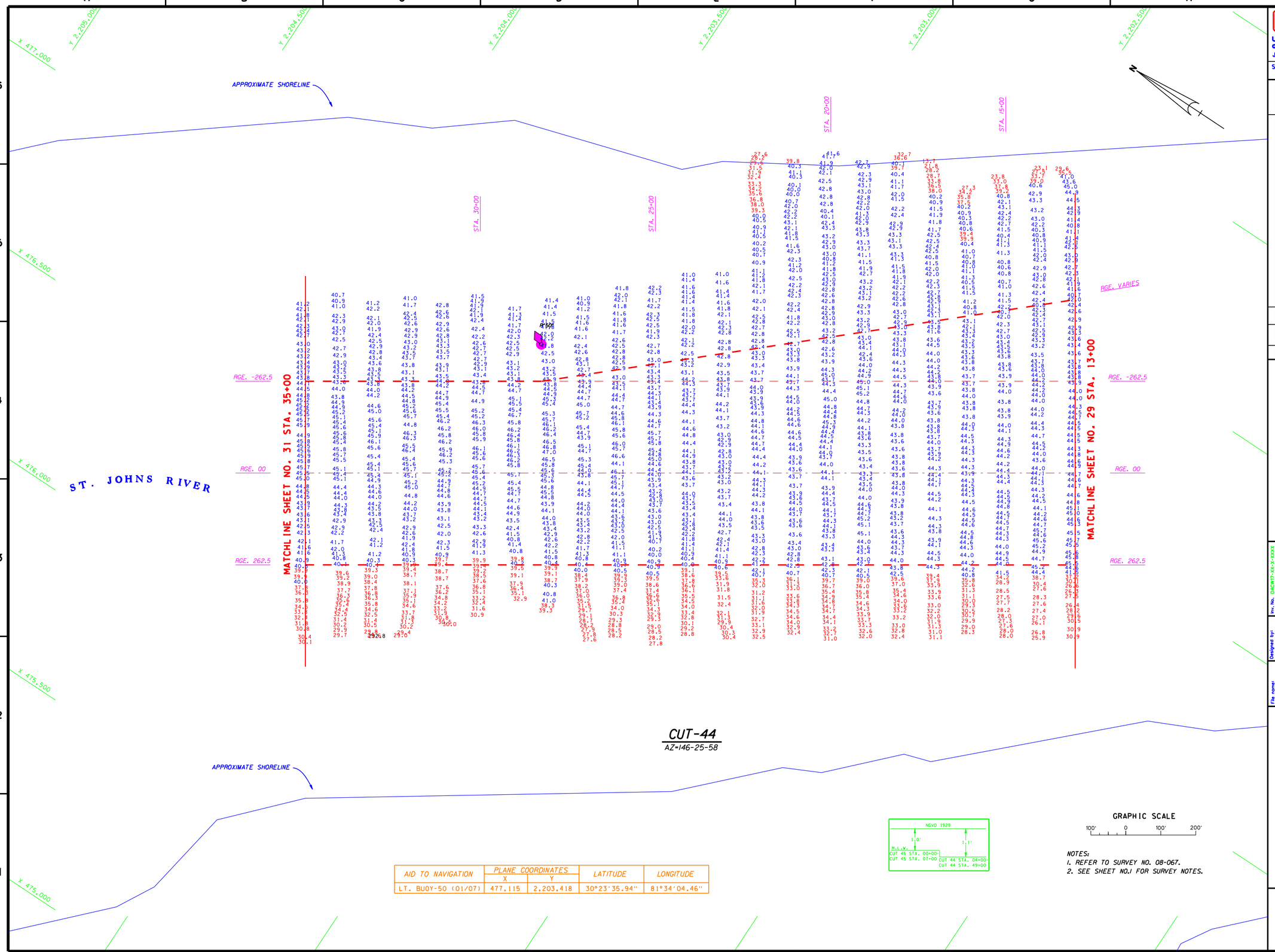
File name: 08-067SH29.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-086C43.DGN 08-085C43.DGN 08-067C44.DGN

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. 08-067.
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

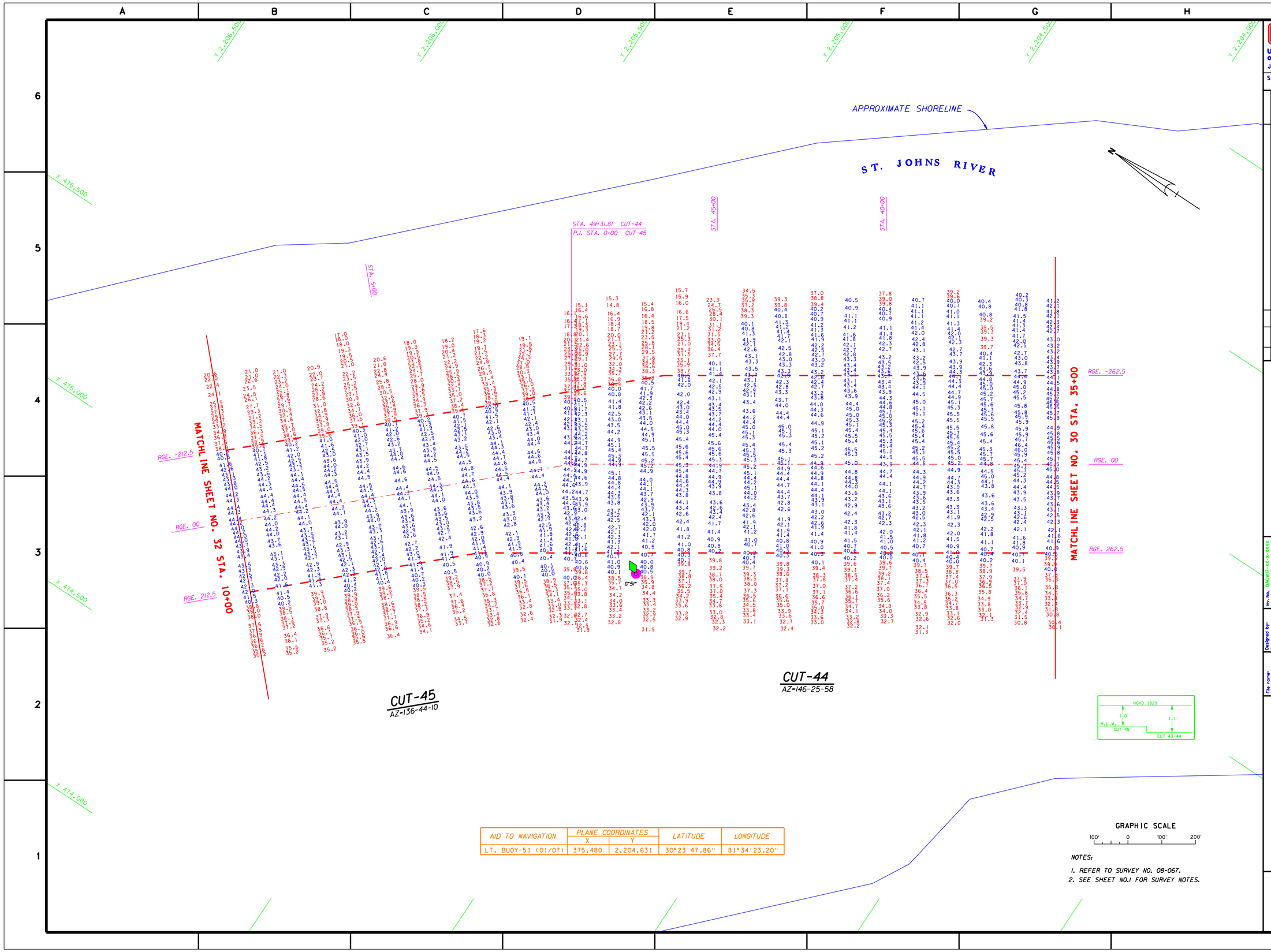
Designed by: WRM
Dwn by: WRM
Ckd by: WRM
Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH29.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 07-012NAV.DGN 08-067C44.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 X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-51 (01/07)	375,480	2,204,631	30°23'47.86"	81°34'23.20"

NOTES:

1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by: RWH
Dwn by: WRW
Ckd by: WRW

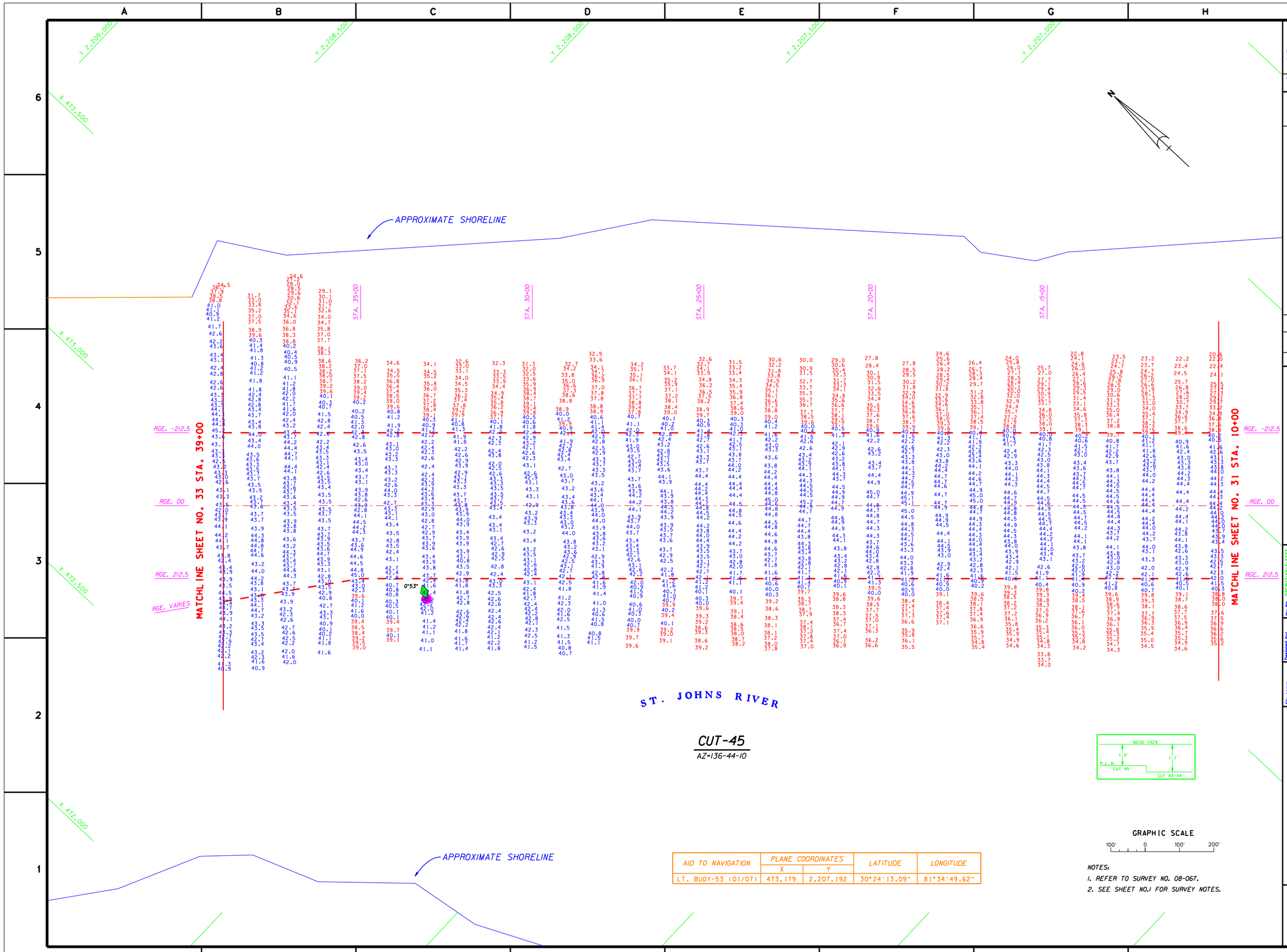
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH31.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-067C44.DGN 07-012C45.DGN 07-012NAV.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



GRAPHIC SCALE

100' 0 100' 200'

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"

NOTES:

1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

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

Dated: APR 2008

D.O.F.ILE NO.

File name: 08-067SH32.DGN
Reference files: 890898.DGN NEWJXCH83.DGN JAXBASE.DGN 07-012C45.DGN 07-012NAV.DGN

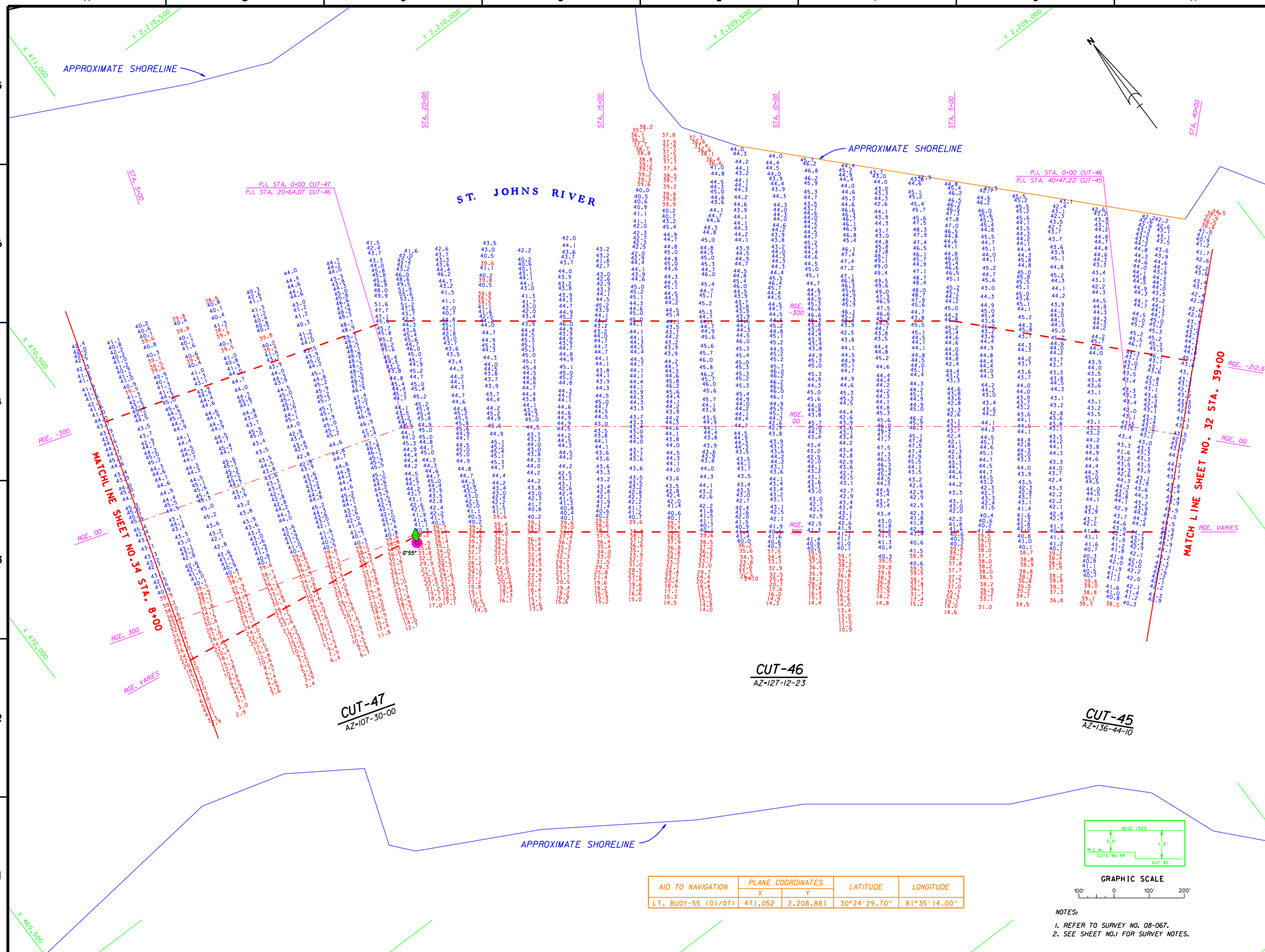
JACKSONVILLE HARBOR, FLORIDA

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"

NOTES:

1. REFER TO SURVEY NO. 08-067.
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

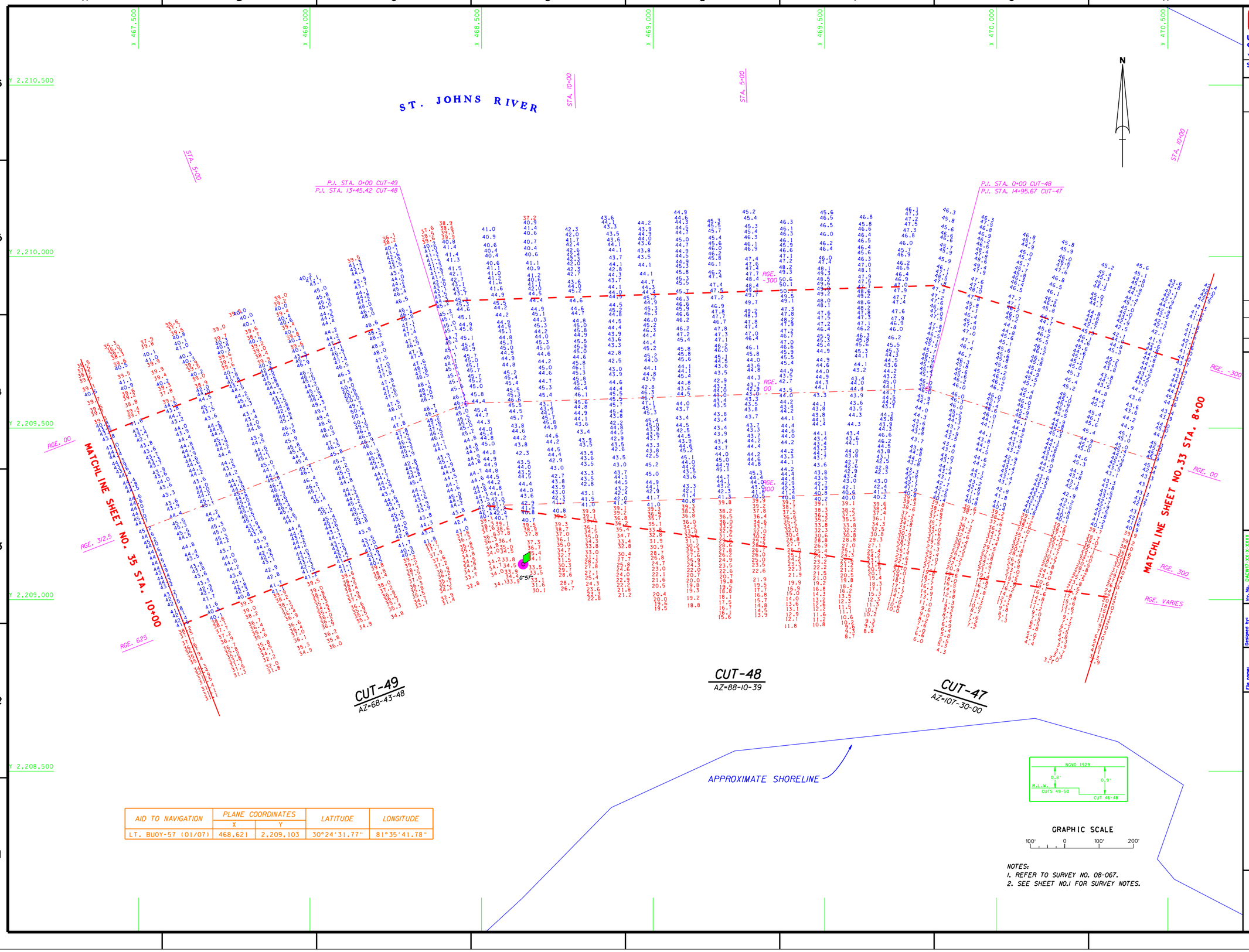
Designed by: RWH
Dwn by: WRM
Ckd by: WRM
Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH33.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 07-012C45.DGN 07-012C46.DGN 07-012C47.DGN 07-012NAV.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"

NGVD 1929
0.8'
0.9'
M.L.W.
CUTS 49-50
CUT 46-48

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX X

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

Dated: APR 2008
D.O.FILE NO.

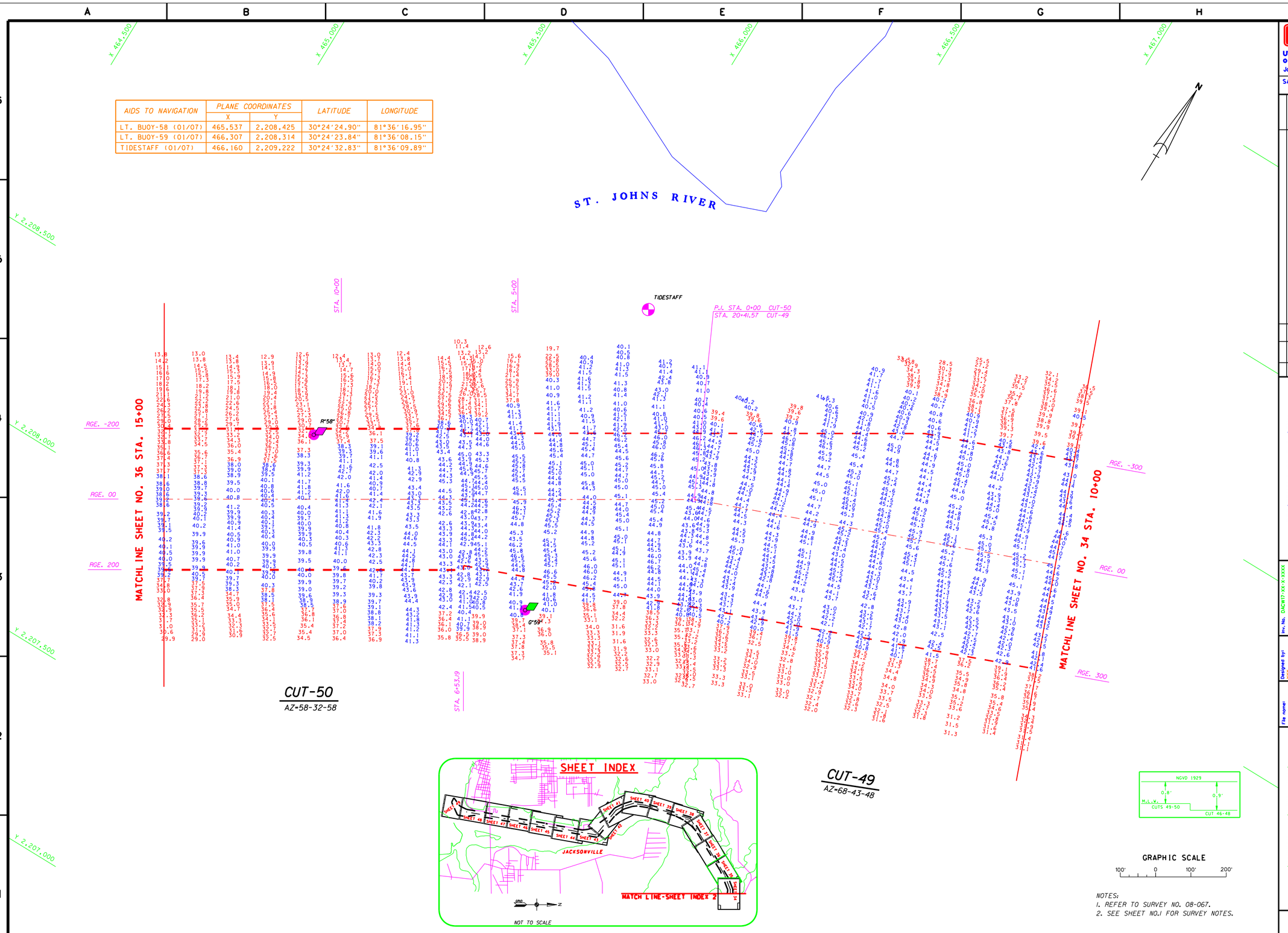
File name: 08-067SH34.DGN
Reference files: BROR98.DGN NEWJACK83.DGN 07-012CA1.DGN 07-012CA7.DGN 07-012CA8.DGN 07-012CA9.DGN 07-012MAP.DGN

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"



NOTES:
1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

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

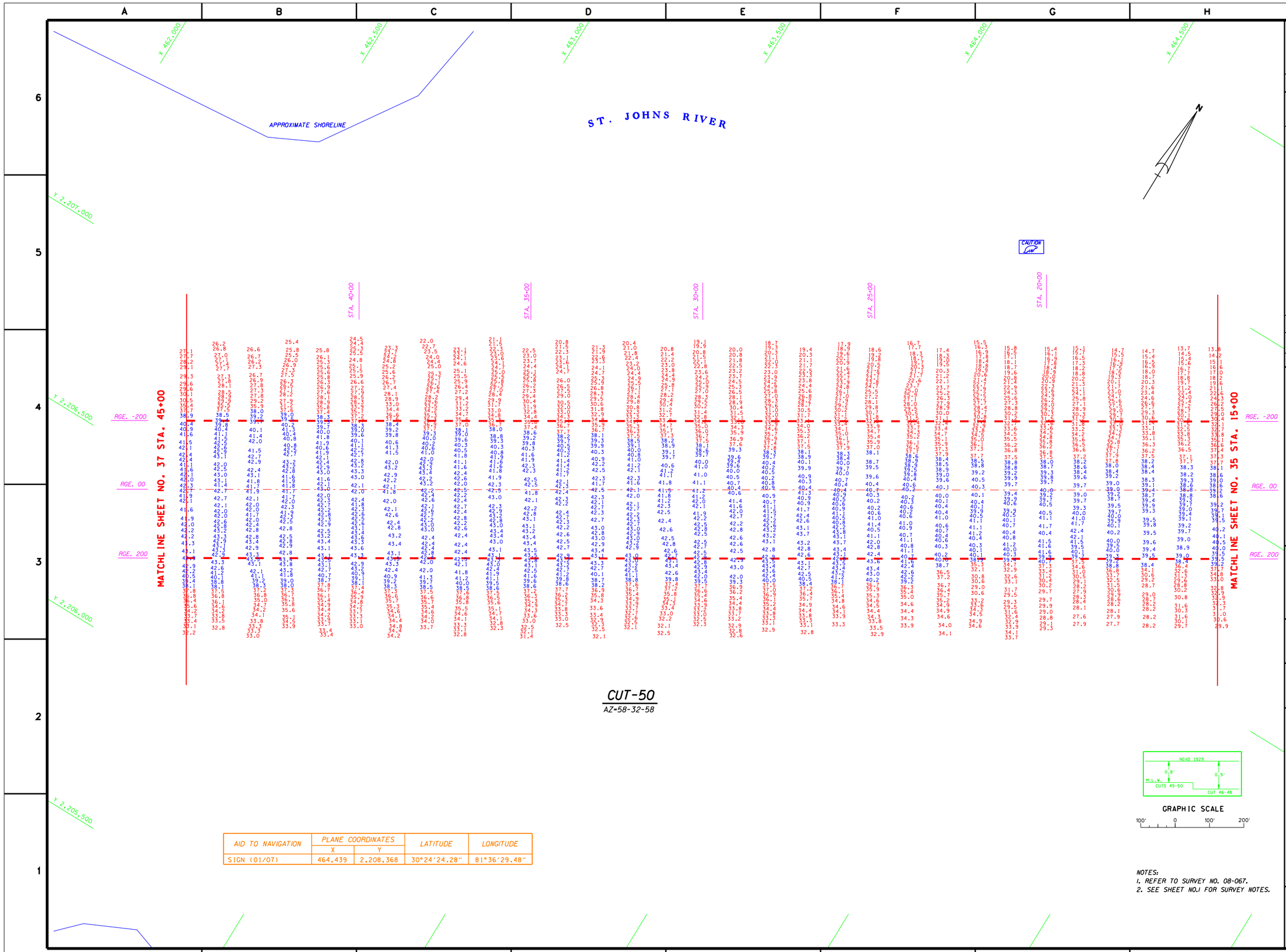
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH35.DGN
Reference files: B90098.DGN NEWJXCH83.DGN JAXBASE.DGN 08-037C50.DGN 07-012C49.DGN 07-012CM4.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. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

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

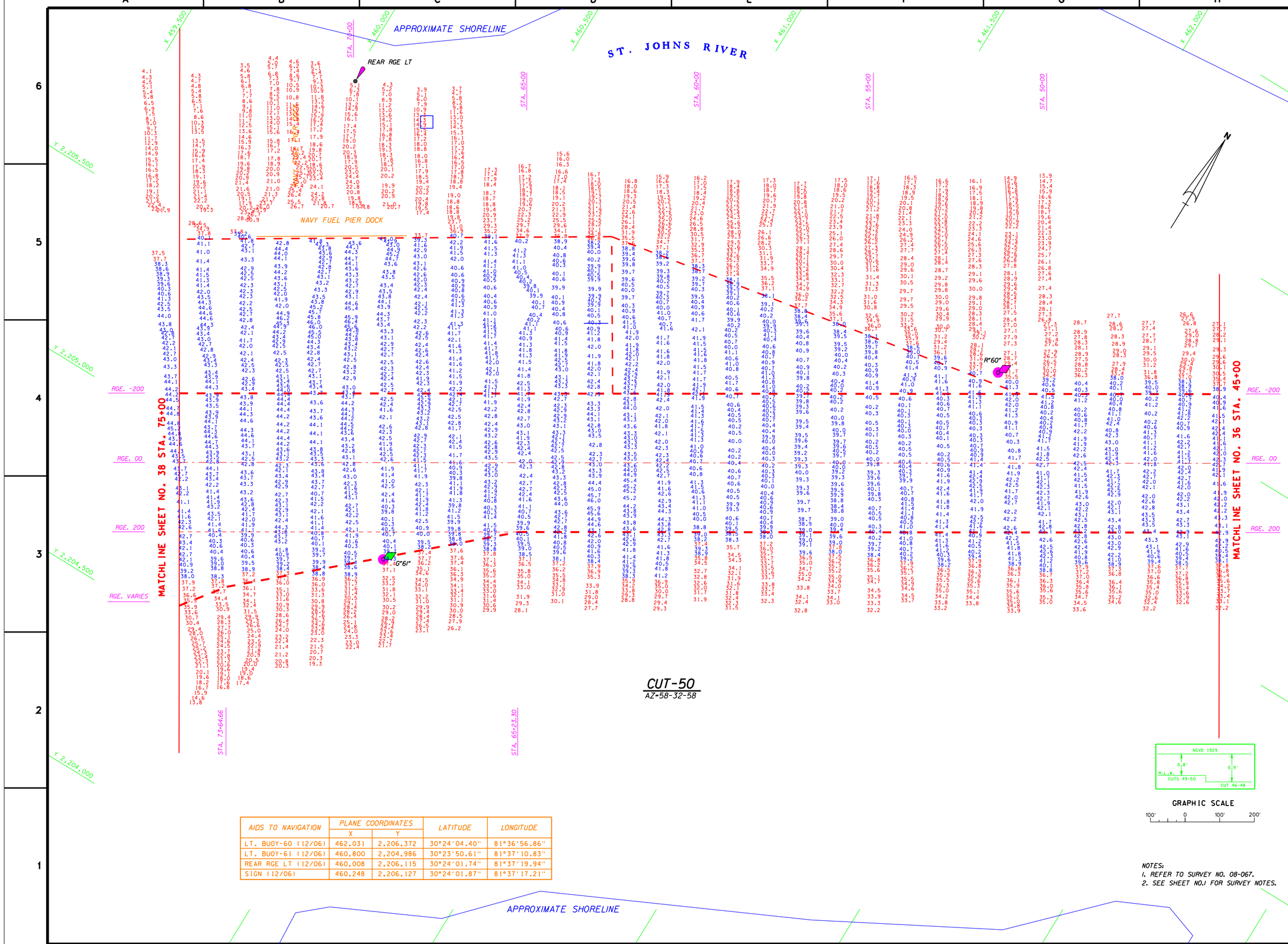
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH36.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-037C50.DGN 07-012NAV.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"

NOTES:
1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by:
Dwn by: JTHW
Ckd by: WRM

Dated: APR 2008
D.O.FILE NO.

File name:
08-067SH37.DGN
08-037C50.DGN
07-012NAV.DGN

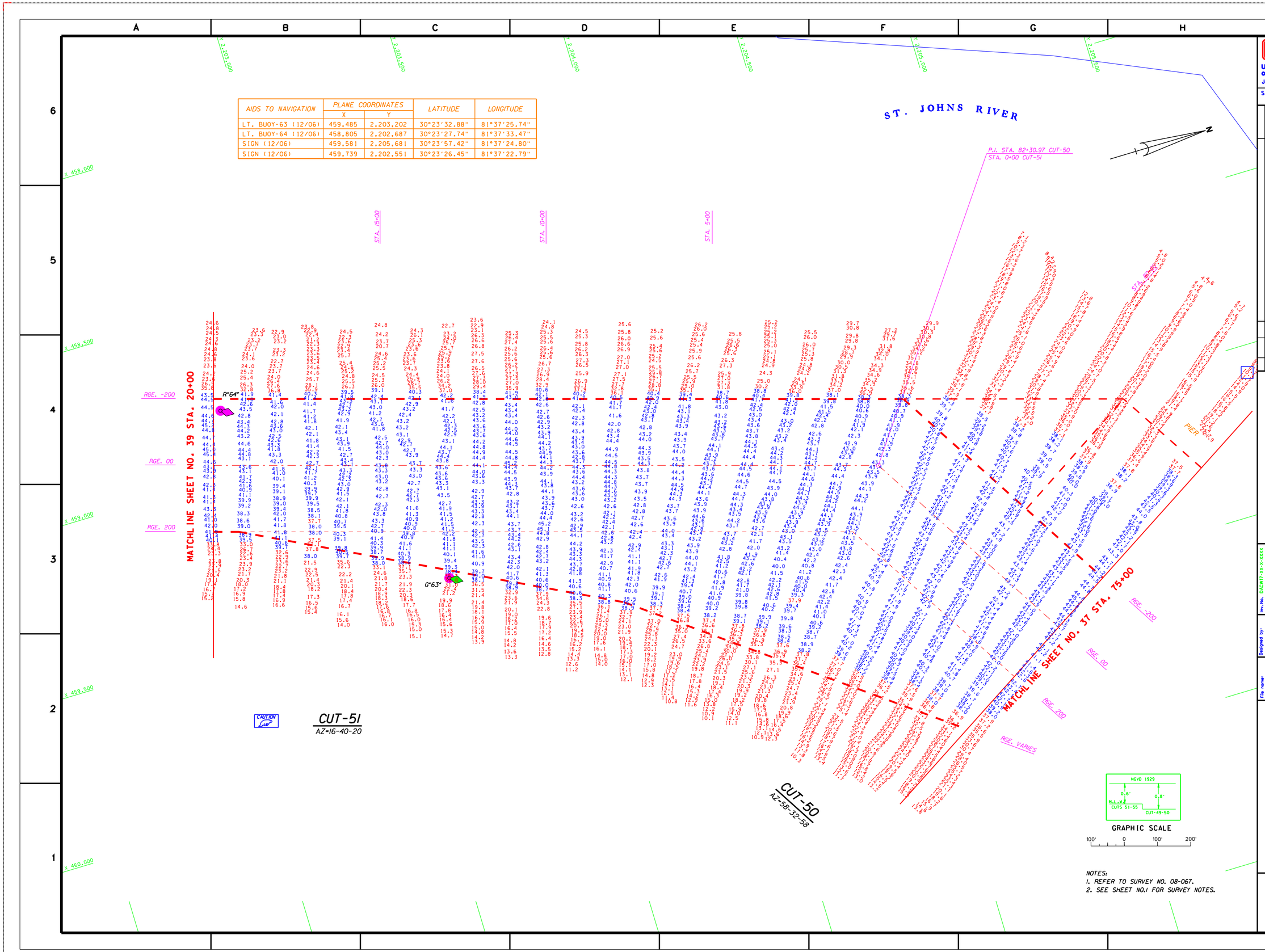
Reference files:
BBDR98.DGN
NEWJCH83.DGN
JAXBASE.DGN

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		LATITUDE	LONGITUDE
	X	Y		
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"



NOTES:
1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

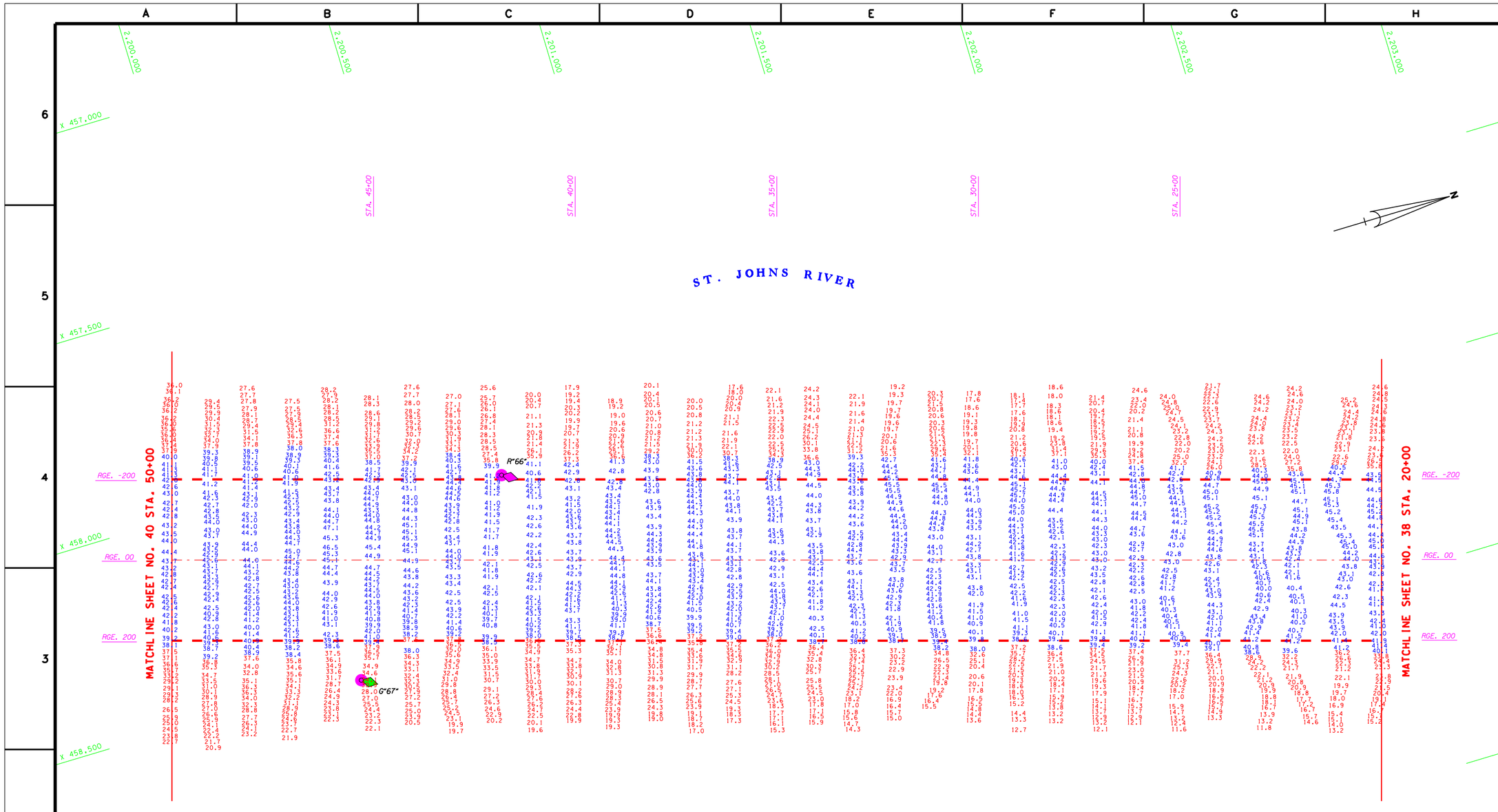
Designed by:
Dwn by: WRW
Ckd by: WRW
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH38.DGN
Reference files: BRDR08.DGN NEW2XCH8.DGN JAXBASE.DGN 08-037C51.DGN 08-037C50.DGN 07-012NAV.DGN

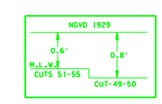
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
38, 40 & 42-FOOT PROJECT
STA. 75+00 CUT-50 THRU STA. 20+00 CUT-51
PLAN

DRAWING NO.
38/54

SHEET 38 OF 61



CUT-51
AZ=16-40-20



GRAPHIC SCALE
100' 0 100' 200'

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"

NOTES:
1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

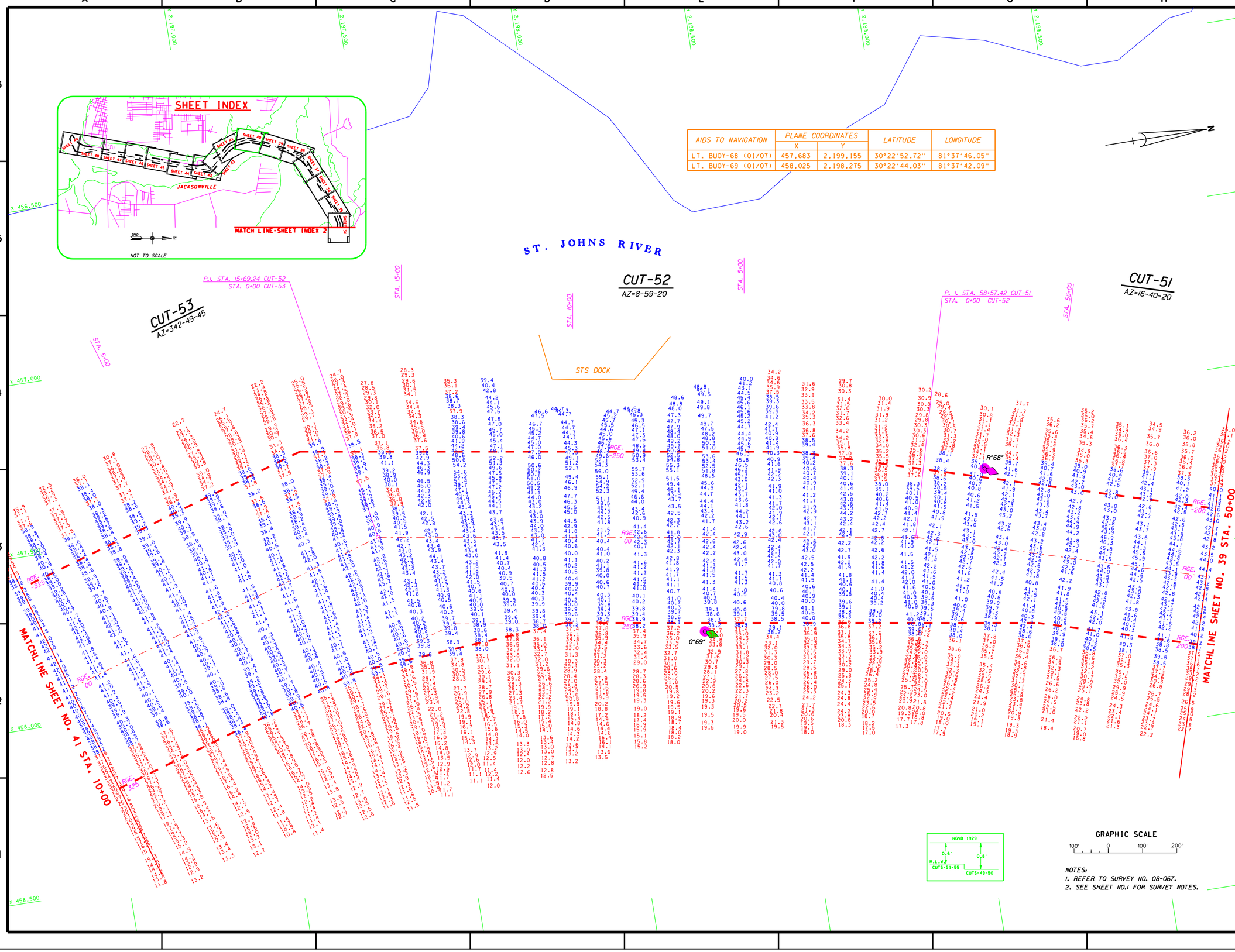
Designed by:
Dwn by: WRM
Ckd by: WRM
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH39.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN 08-037C51.DGN 07-012NAV.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
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		LATITUDE	LONGITUDE
	X	Y		
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. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by:
Dwn by: WRW
Ckd by: WRW

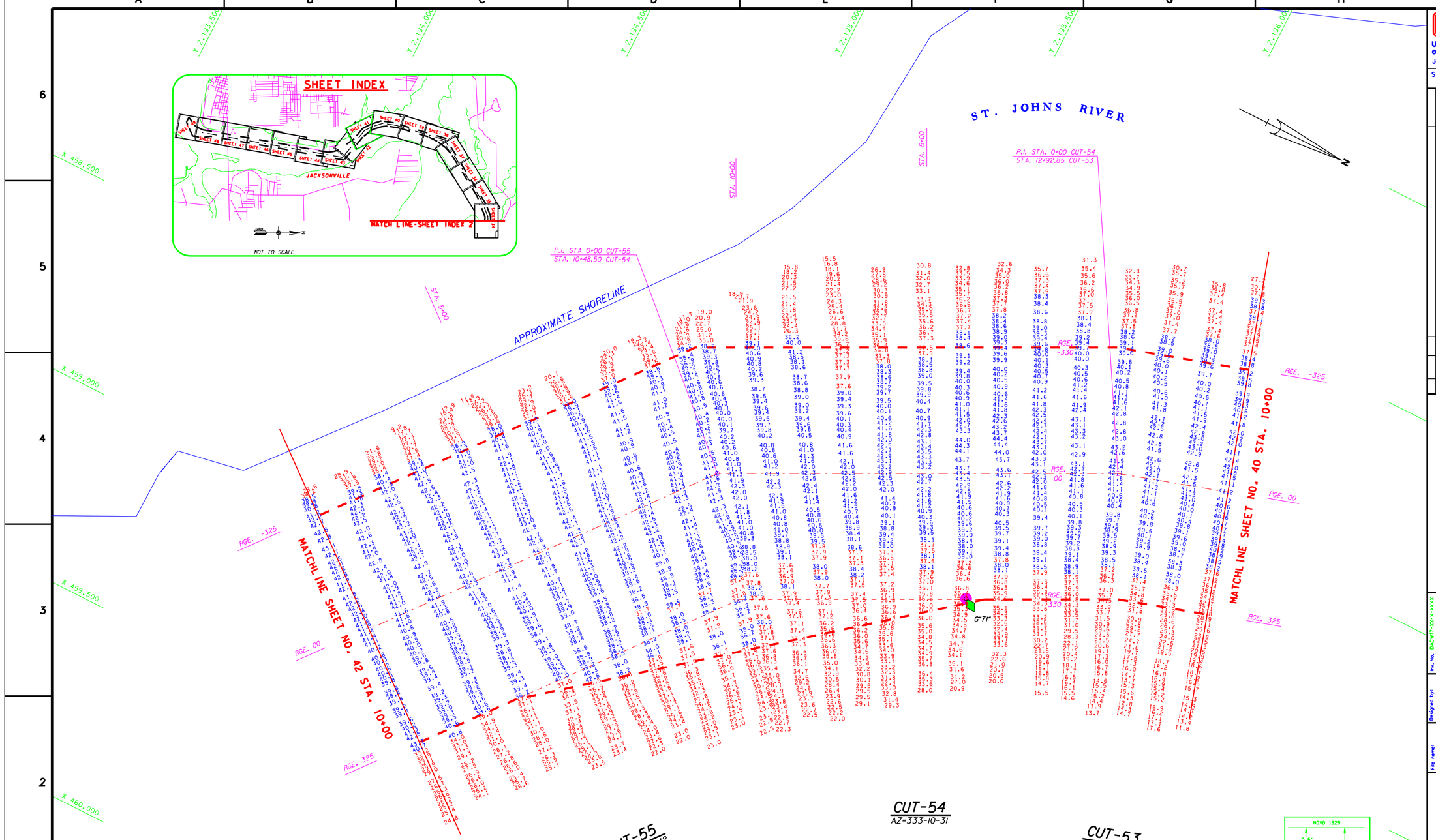
File name: 08-067SH40.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-037C51.DGN 08-037C52.DGN 08-037C53.DGN 07-012NAV.DGN

Dated: APR 2008
D.O.FILE NO.

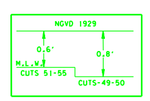
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
38, 40 & 42-FOOT PROJECT
STA. 50+00 CUT-51 THRU STA. 10+00 CUT-53
PLAN

DRAWING NO.
40/54

SHEET 40 OF 61



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"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

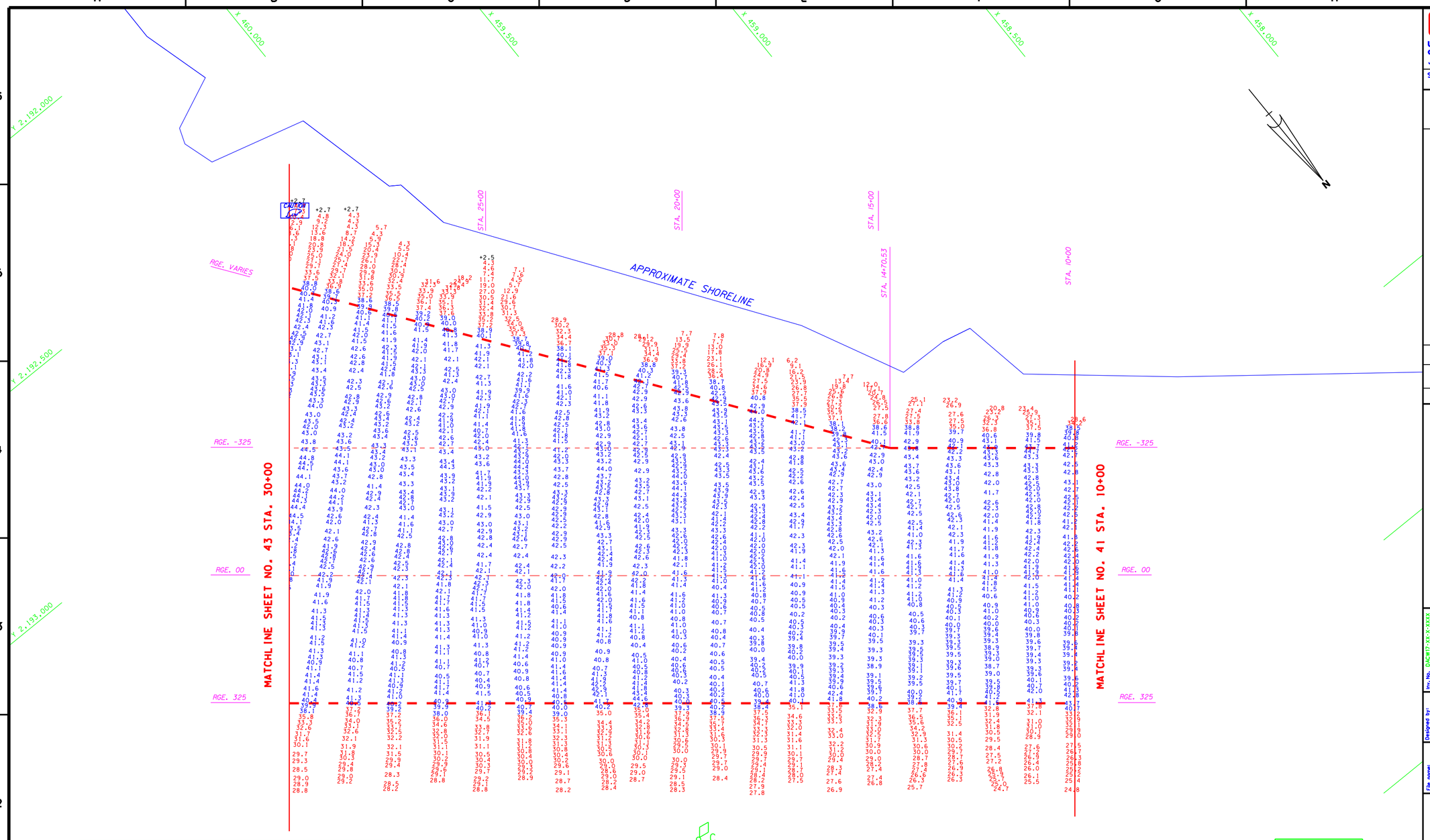
Designed by:
Dwn by: WRW
Ckd by: WRW
Dated APR 2008
D.O.FILE NO.

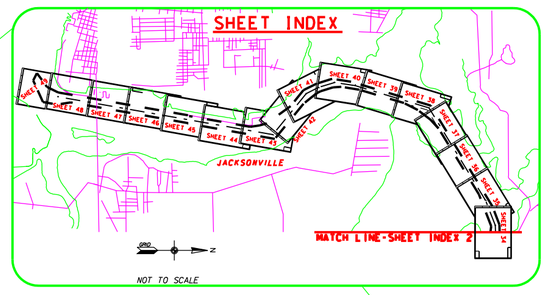
File name: 08-067SH1.DGN
Reference files: BROERS.DGN, NEWJACHB3.DGN, MAINBASE.DGN, 08-037C55.DGN, 08-037C54.DGN, 08-037C53.DGN, 07-012NAV.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
38, 40 & 42-FOOT PROJECT
STA. 10+00 CUT-53 THRU STA. 10+00 CUT-55
PLAN

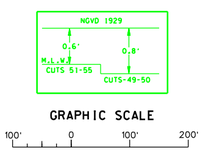
DRAWING NO.
41/54

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. 08-067.
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

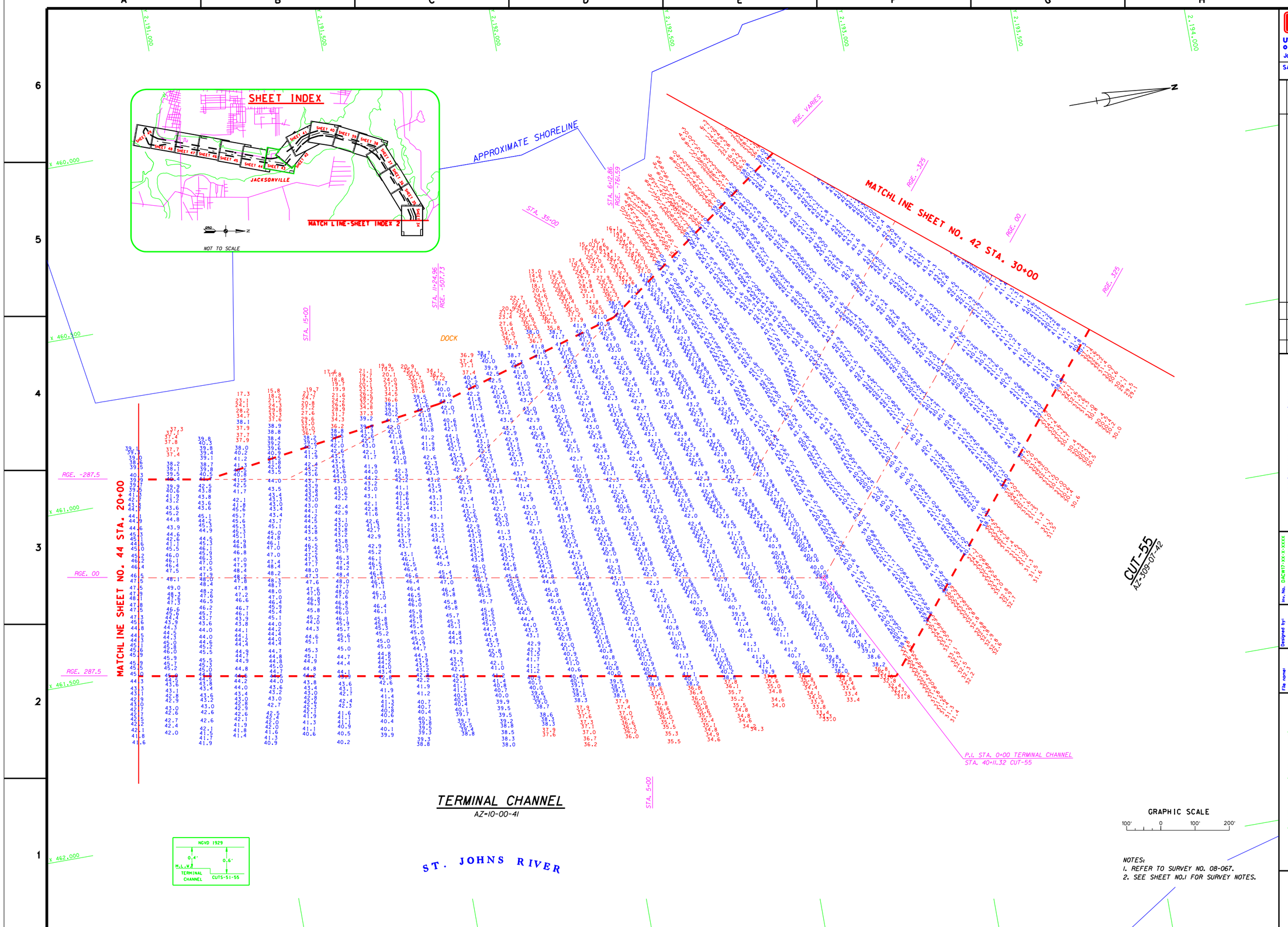
Designed by: | Inv. No. DACW17-XX-X-XXXX
Dwn by: WRW | Ckd by: WRW | Dated: XX XXX XXXX
Reference files: BRDR98.DGN, NEWJXCH83.DGN, JAXBASE.DGN, 08-037C55.DGN, 07-012NAV.DGN | Scale: AS SHOWN | Plot date: xx xx xxxx | Plot scale: XX:X
Dated: APR 2008
D.O.FILE NO.

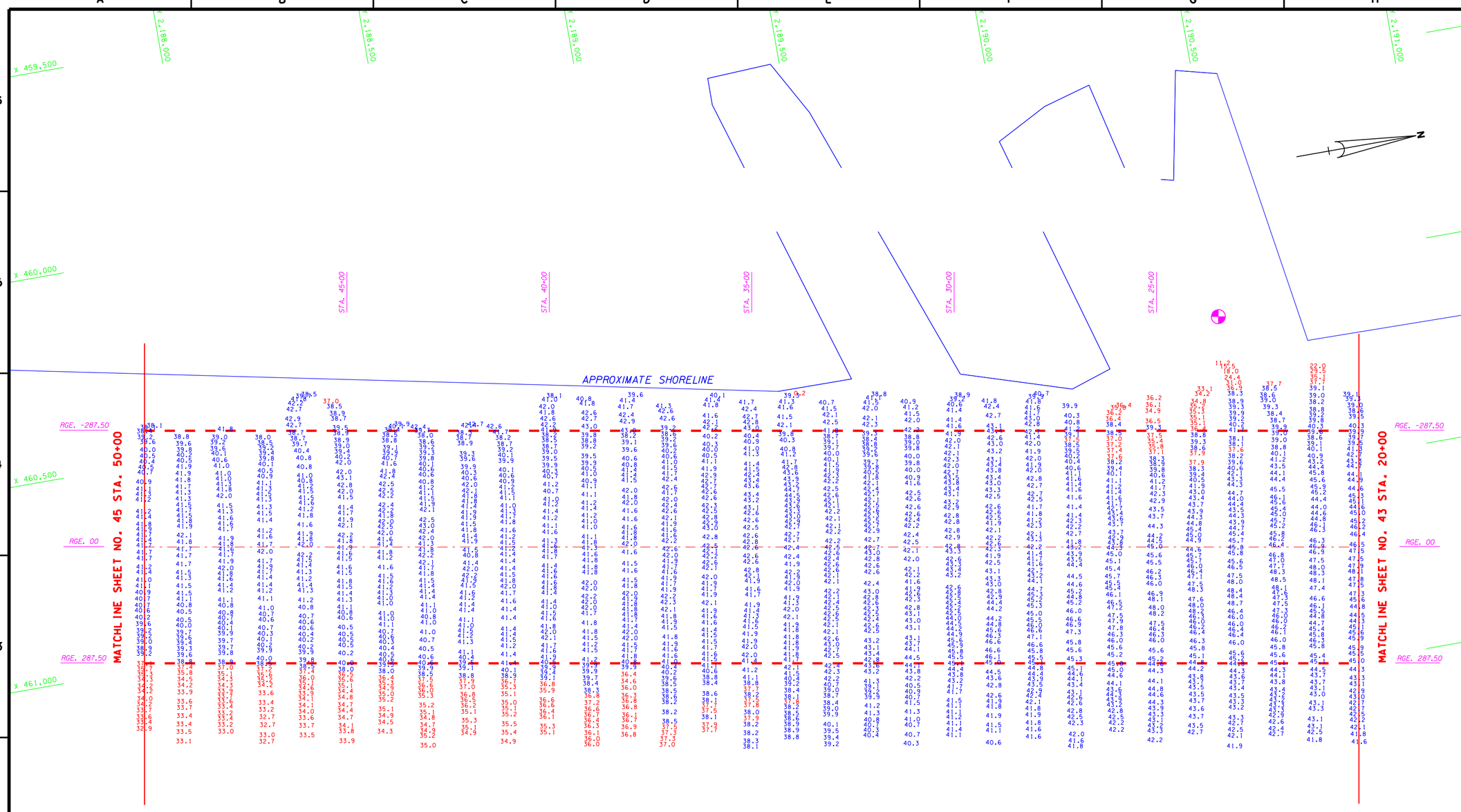
File name: 08-067SH44.DGN

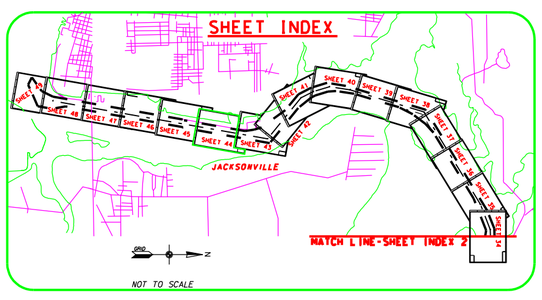
JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
38, 40 & 42-FOOT PROJECT
STA. 10+00 THRU STA. 30+00 CUT-55
PLAN

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
STA. 35+00
STA. 15+00
STA. 5+00
STA. 6+12.86
RGE. -761.59
STA. 11+24.96
RGE. -507.73
DOCK
RGE. VARIES
RGE. -325
RGE. 00
RGE. 325
RGE. -287.5
RGE. 00
RGE. 287.5
CUT-55
AZ-309-07-42
P.I. STA. 0+00 TERMINAL CHANNEL
STA. 40+11.32 CUT-55
TERMINAL CHANNEL
AZ=10-00-41
ST. JOHNS RIVER
NGVD 1929
0.4'
0.6'
M.L.W.
TERMINAL CHANNEL
CUTS-51-55
GRAPHIC SCALE
100' 0 100' 200'
NOTES:
1. REFER TO SURVEY NO. 08-067.
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
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





GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by:
Dwn by: WRM
Ckd by: WRM
Dated: APR 2008
D.O.FILE NO.

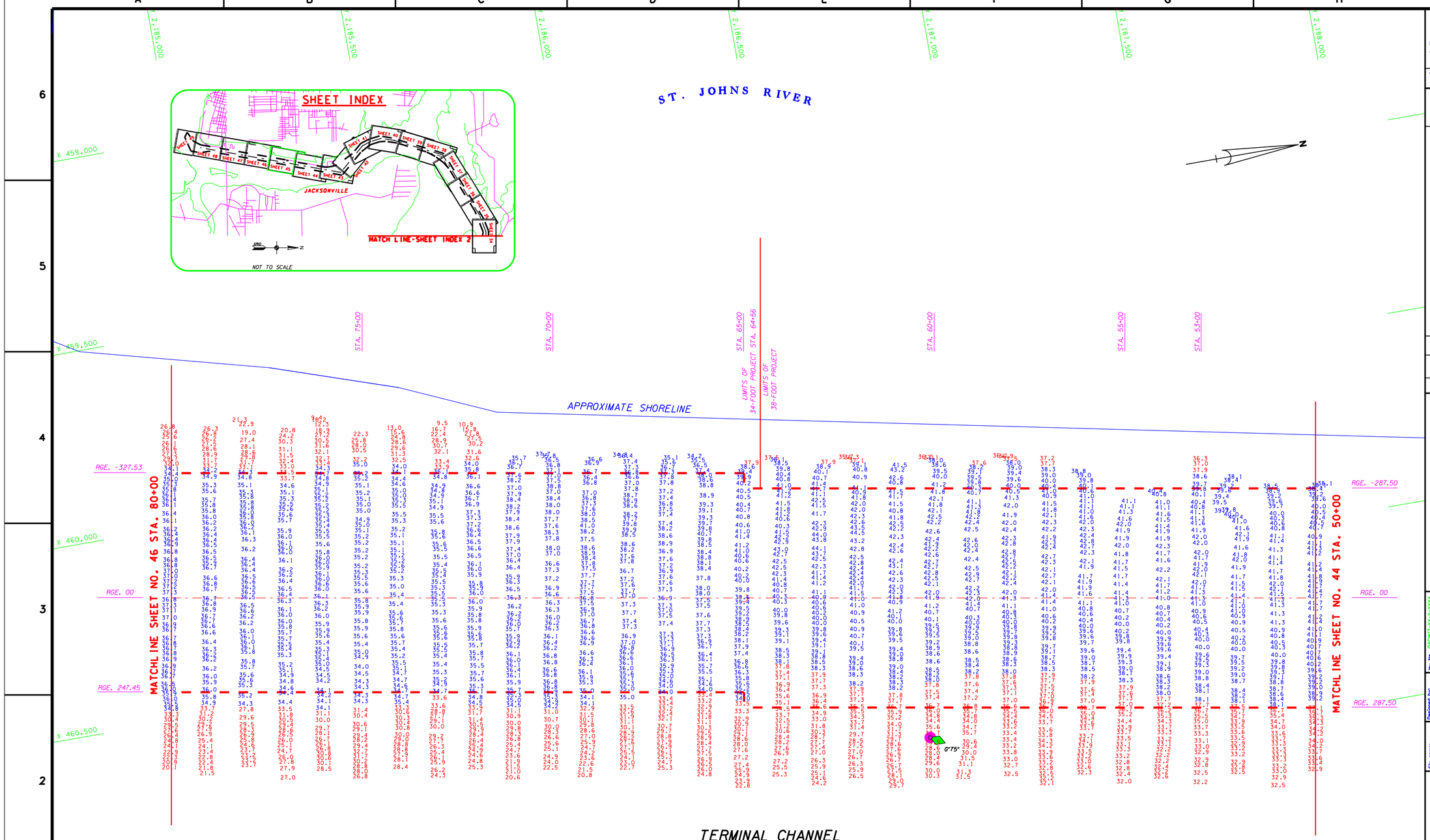
File name: 08-067SH44.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-037JTC.DGN 07-012NAV.DGN

JACKSONVILLE HARBOR, FLORIDA

PROJECT CONDITION SURVEY
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. 08-067.
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: XXX

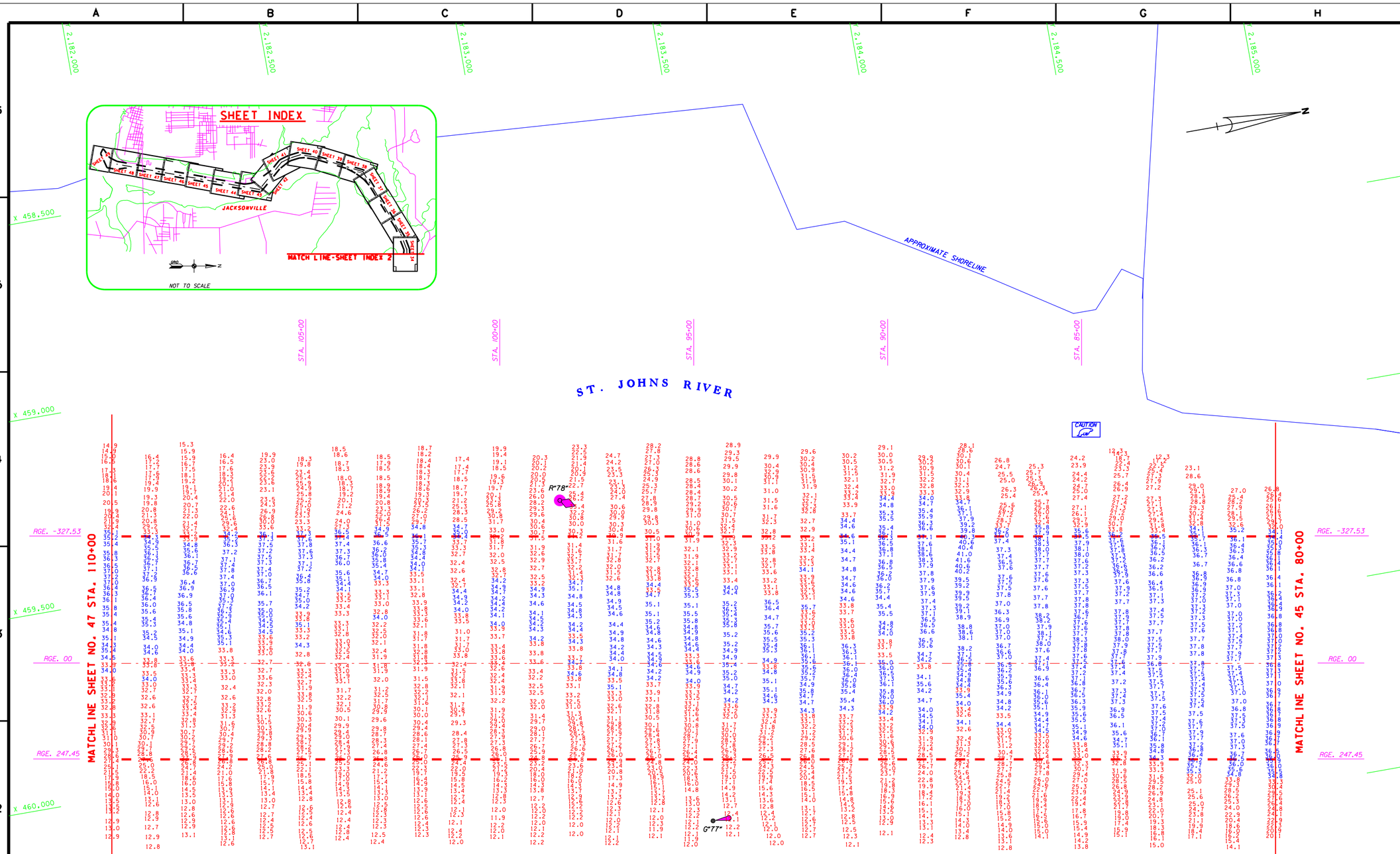
Designed by: Dwn by: KMW
Chk by: KMW
Date: APR 2008
D.O.F.ILE NO.

File name: 08-067SH45.DGN
Reference files: BRDRSB.DGN JAXBASE.DGN 07-01SHXL.DGN 07-01DATC.DGN 07-01DNAV.DGN 08-03TJTC.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
38, 40 & 42- FOOT PROJECT
STA. 50-00 THRU STA. 80-00 TERMINAL CHANNEL
PLAN

DRAWING NO.
45/54

SHEET 45 OF 61



TERMINAL CHANNEL

AZ=10-00-41

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
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. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by:
Dwn by: WRM
Ckd by: WRM

File name: 08-067SH46.DGN
Reference files: BRDR98.DGN JAXBASE.DGN NEWJAXCH83.DGN 07-012JTC.DGN 07-012NAV.DGN

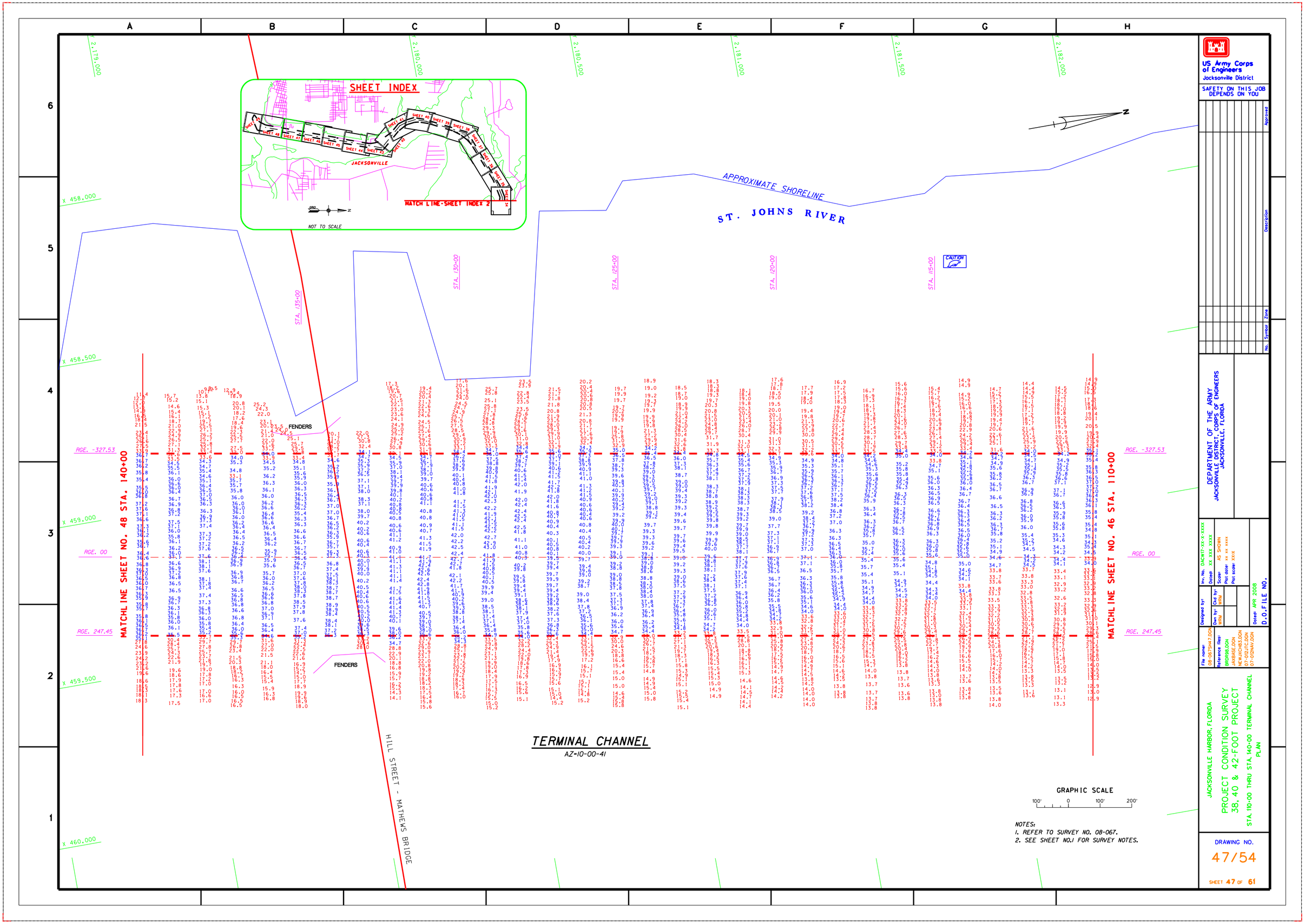
Dated: APR 2008
D.O.FILE NO.

JACKSONVILLE HARBOR, FLORIDA

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

DRAWING NO.
46/54

SHEET 46 OF 61



NOTES:
1. REFER TO SURVEY NO. 08-067.
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
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

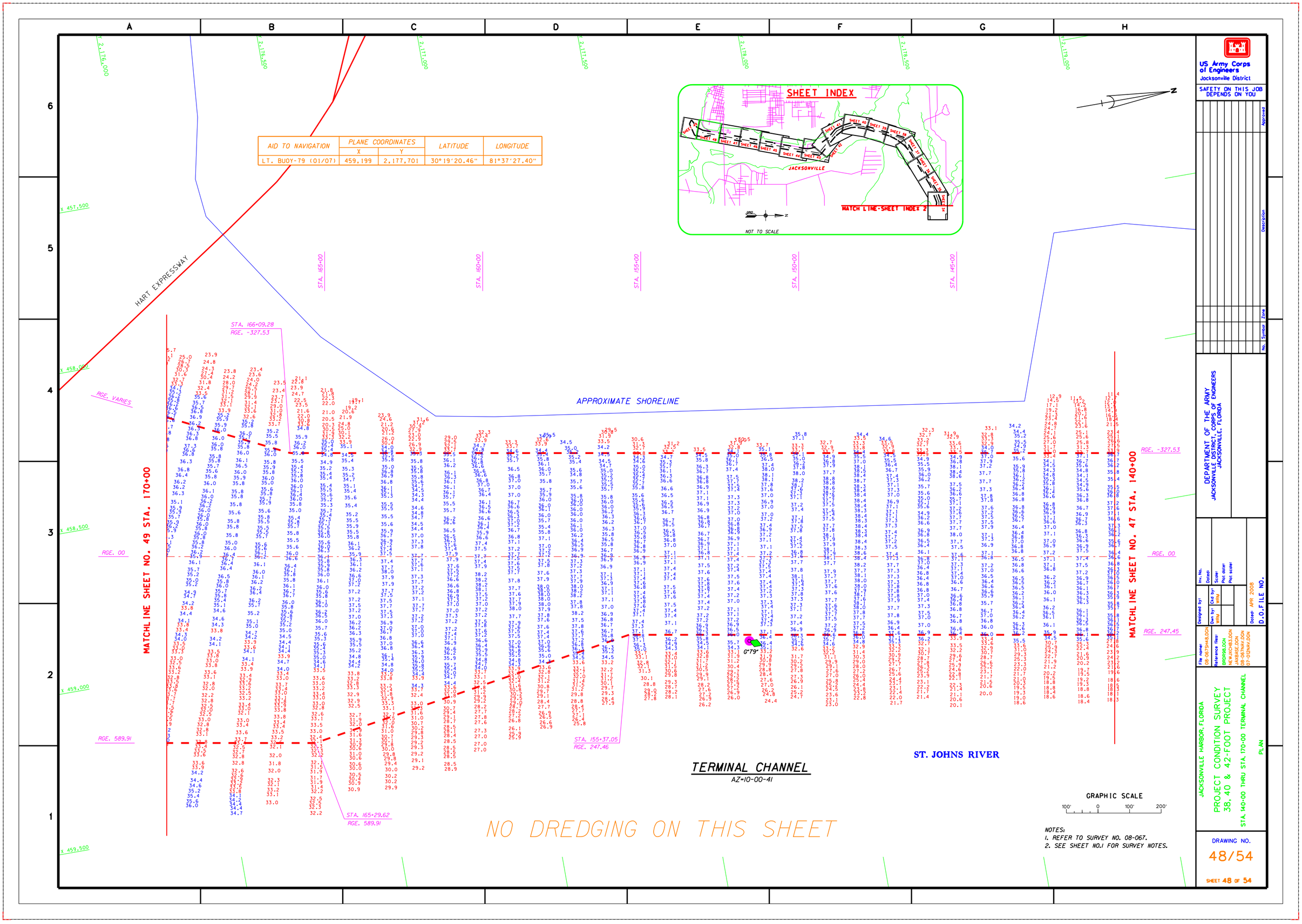
Designed by:
Dwn by: WRW
Ckd by: WRW
Date: APR 2008
D.O.FILE NO.

File name: 08-067SH47.DGN
Reference files: BRDR98.DGN JAXBASE.DGN NEWJXCH83.DGN 07-012JTC.DGN 07-012NAV.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
38, 40 & 42-FOOT PROJECT
STA. 110+00 THRU STA. 140+00 TERMINAL CHANNEL
PLAN

DRAWING NO.
47/54

SHEET 47 OF 61



AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-79 (01/07)	459,199	2,177,701	30°19'20.46"	81°37'27.40"

NOTES:
1. REFER TO SURVEY NO. 08-067.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

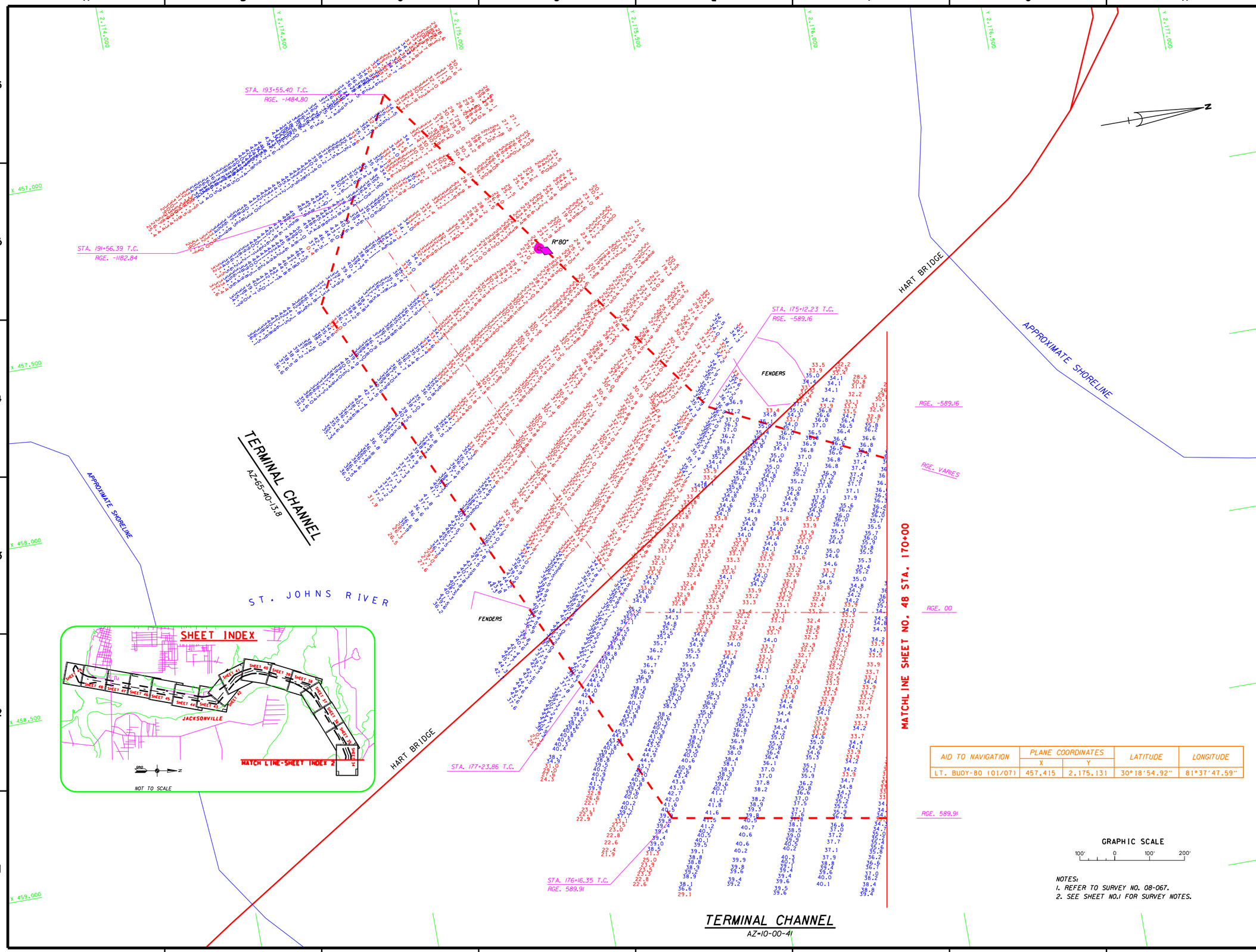
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
38, 40 & 42-FOOT PROJECT
STA. 140+00 THRU STA. 170+00 TERMINAL CHANNEL
PLAN

Designed by: | Dwn by: WRW | Ckd by: WRW | Scale: | Plot date: | Plot scale:
Dated: APR 2008
D.O.FILE NO.

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"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-067.
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: RWH
Dwn by: WRM
Ckd by: WRM
Inv. No.
Dated:
Scale:
Plot date:
Plot scale:

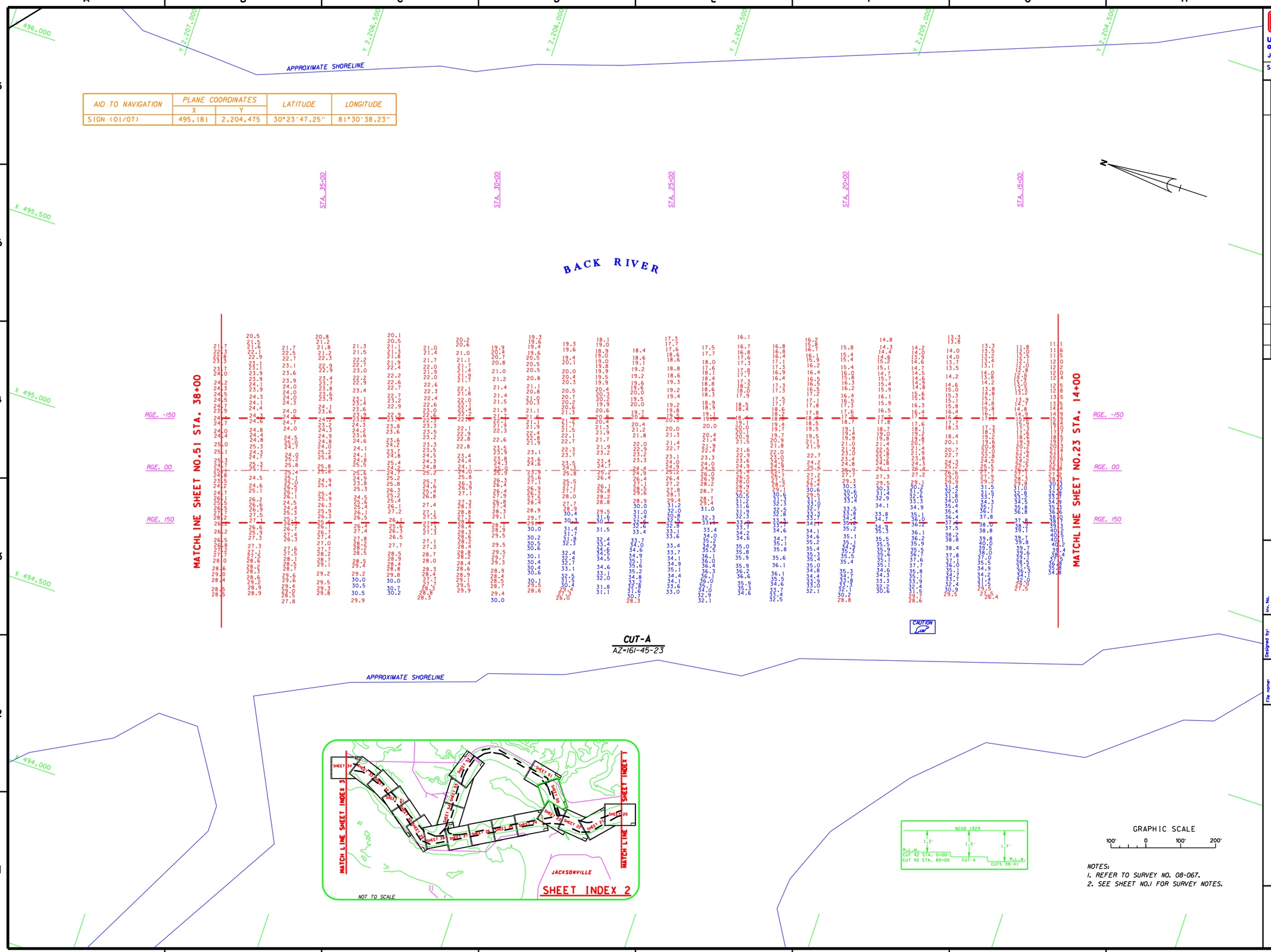
File name: 08-067SH49.DGN
Reference files: BRDR98.DGN NEWJXCHB3.DGN JAXBASE.DGN 07-012JTC.DGN 07-012LTC.DGN 04-012NAV.DGN

Dated: APR 2008
D.O.FILE NO.

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
38, 40 & 42-FOOT PROJECT
STA. 170+00 THRU STA. 177+23.66 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"

NOTES:
1. REFER TO SURVEY NO. 08-067.
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

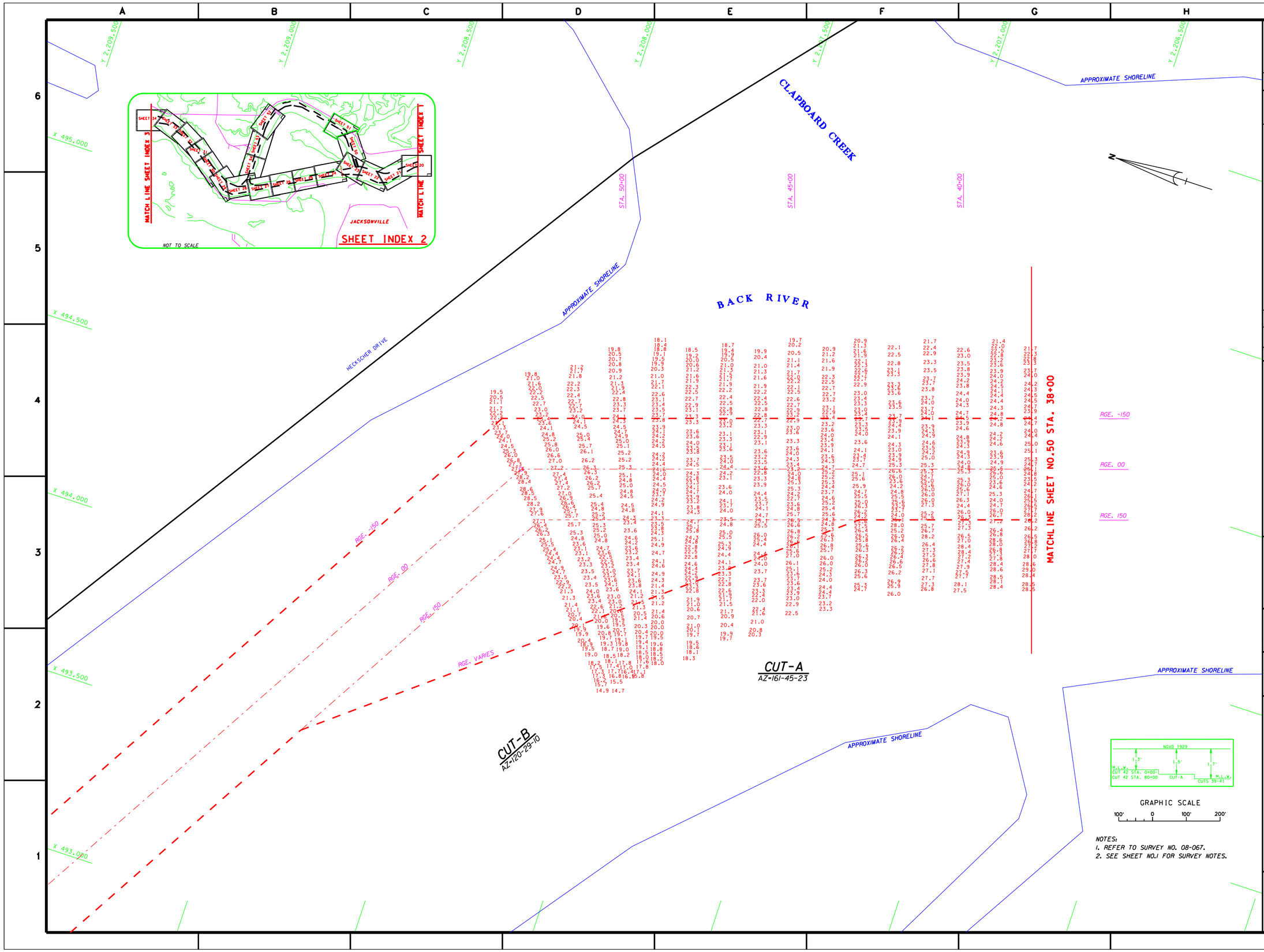
Designed by: RWH
Dwn by: WRM
Ckd by: WRM
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X
Dated: APR 2008
D.O.FILE NO. XX-XX,XXX

File name: 08-067SH50.DGN
Reference files: BRDR98.DGN NEW.XCH83.DGN JAXBASE.DGN 07-012CTA.DGN 07-012NAV.DGN 08-051CTA.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. 08-067.
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

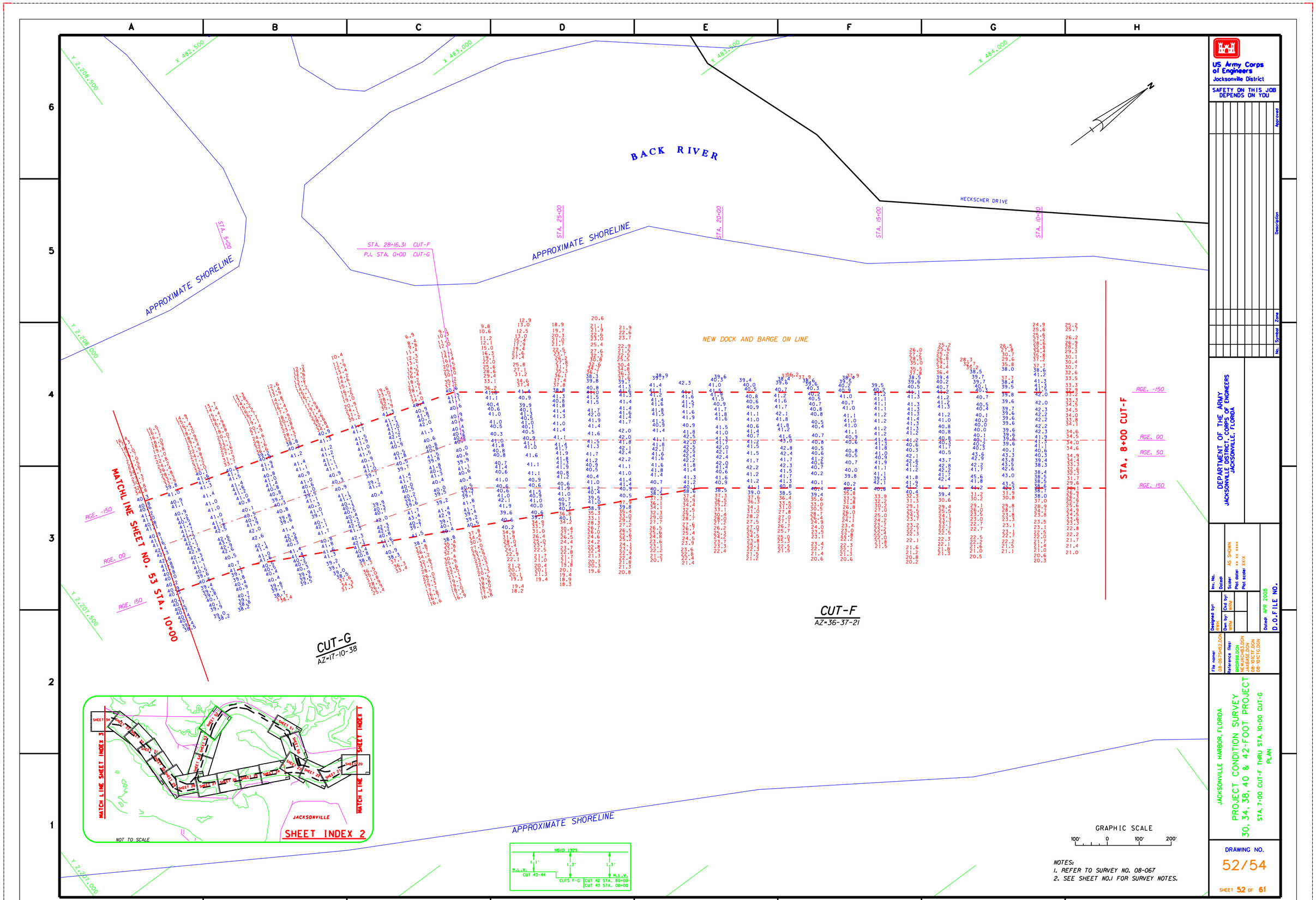
Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X
Dated: APR 2008
D.O.FILE NO. XX-XX,XXX

File name: 08-067SH51.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 07-012CTA.DGN

JACKSONVILLE HARBOR, FLORIDA
PROJECT CONDITION SURVEY
30, 34, 38, 40 & 42-FOOT PROJECT
STA. 38+00 THRU STA. 53+00 CUT-A
PLAN

DRAWING NO.
51/54

SHEET 51 OF 61



NOTES:
1. REFER TO SURVEY NO. 08-067
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

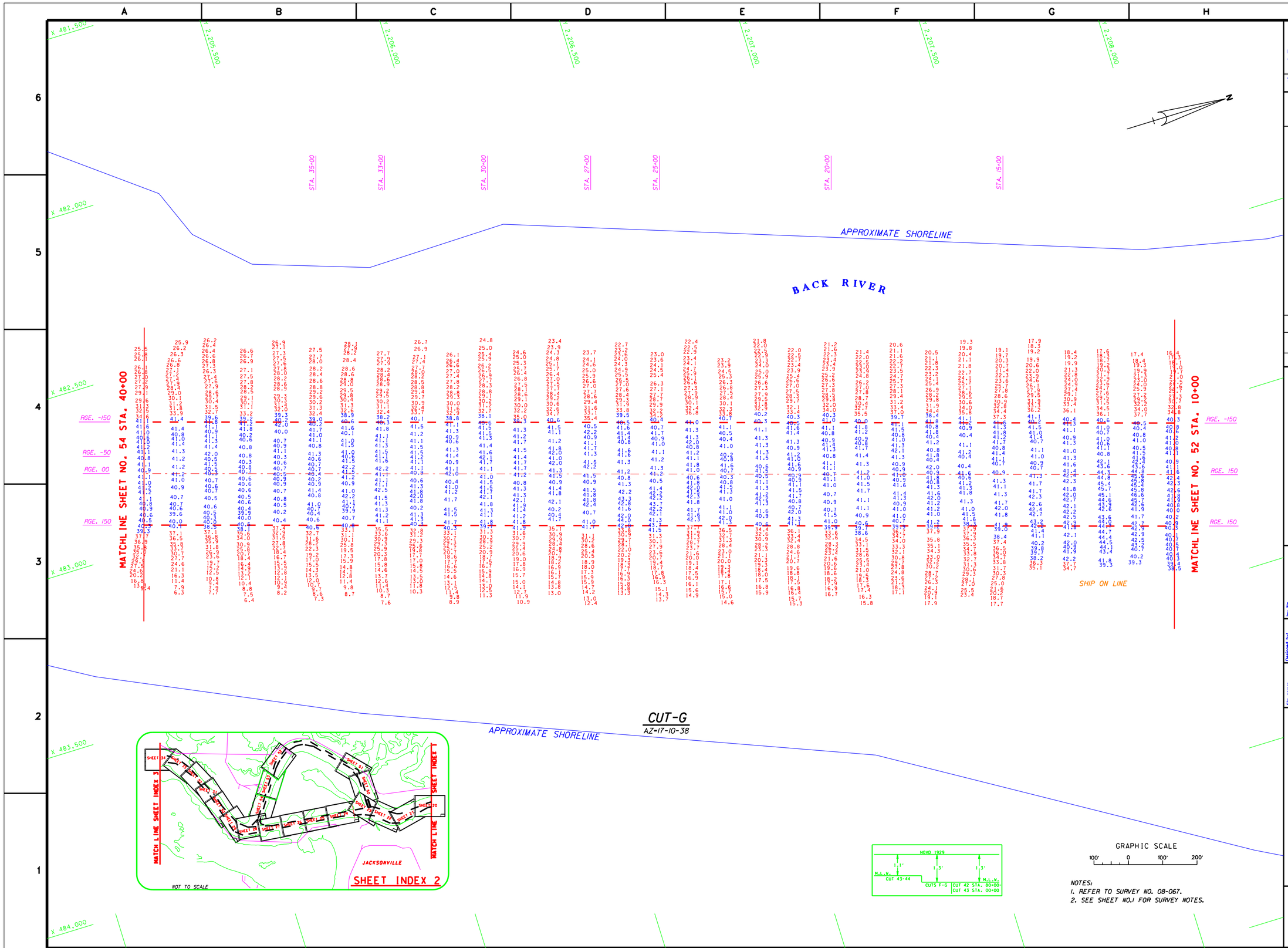
Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SHE2.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-10CTF.DGN 08-10CTG.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



NOTES:
1. REFER TO SURVEY NO. 08-067.
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US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

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

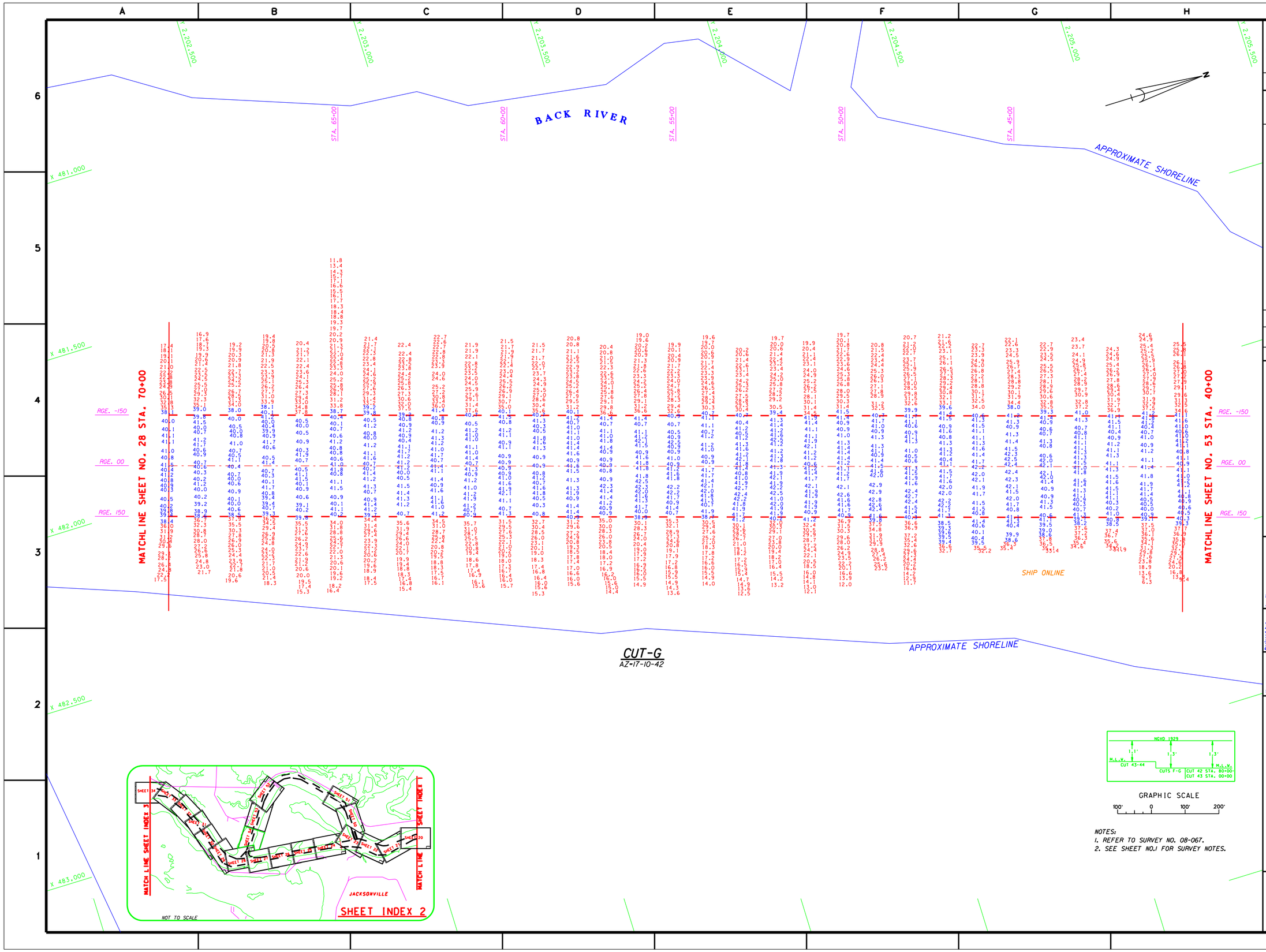
Designed by: RWH
Dwn by: WRM
Ckd by: WRM
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH53.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-10XCTG.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



NOTES:
1. REFER TO SURVEY NO. 08-067.
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

Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Inv. No.
Dated:
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X
Dated: APR 2008
D.O.FILE NO.

File name: 08-067SH54.DGN
Reference files: BRDR98.DGN NEWJXCH83.DGN JAXBASE.DGN 08-10ICTG.DGN

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

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