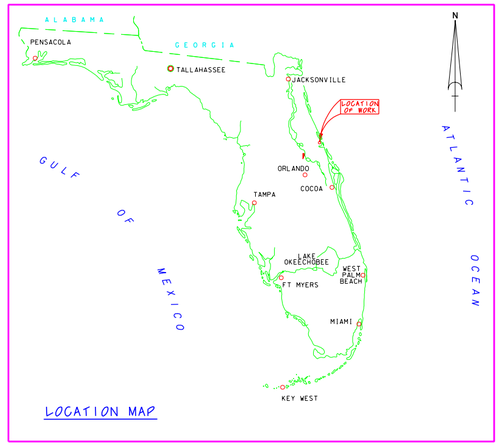
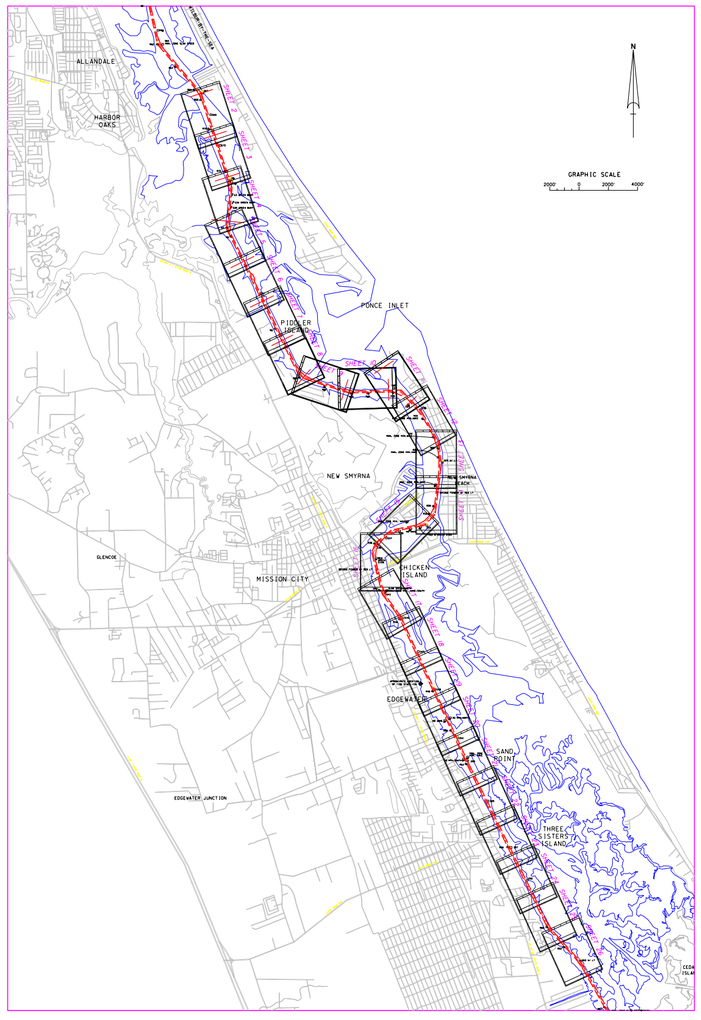
INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
CUTS V-22 THRU V-40
PROJECT CONDITION SURVEY



LOCATION MAP



SURVEY NOTES:

1. REFER TO SURVEY NO. 02-112.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER. REFER TO DATUM TABLE THIS SHEET FOR DIFFERENCES FROM NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM MULTIPLE BENCHMARKS. REFER TO SURVEY TABULATION SHOWN ON THIS SHEET.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1927 (NAD27).
6. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING 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.

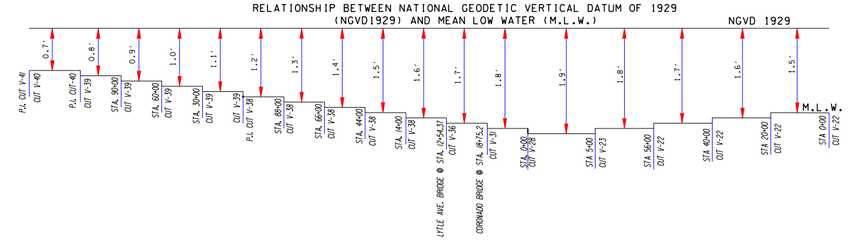
VESSEL	DATE OF SURVEY	CUT
WB-32	21, 23, 28-30 MAY 2002	CUTS V-22 THRU V-37
WB-32	04 JUN 2002	CUTS V-38 THRU V-40

9. AIDS TO NAVIGATION WERE LOCATED DURING 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.
11. SURVEY ACCURACY PREFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1119-2-1003 HYDROGRAPHIC SURVEYING, 1 JAN 2002

BENCHMARK	NGVD ELEV. (FT)
PDI-26	9.01
IWM-36	9.01
Y-211	15.93

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

RELATIONSHIP BETWEEN NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD1929) AND MEAN LOW WATER (M.L.W.)



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 XXX XXXX
Plot scale: XX:X

Designed by: PWM
Dwn by: JPVD
Ckd by: WMM

Dated: JUN 2002
D.O.FILE NO.

File name: D112SH01.DGN
Reference files: BRIDGE.DGN LAYOUT2.DGN VOLUBASE.DGN VOLINDX.DGN NEWFLMAP.DGN V_CHANNEL.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
COVER, LOCATION AND INDEX SHEET
PLAN

DRAWING NO.
1/26

SHEET 1 OF 26

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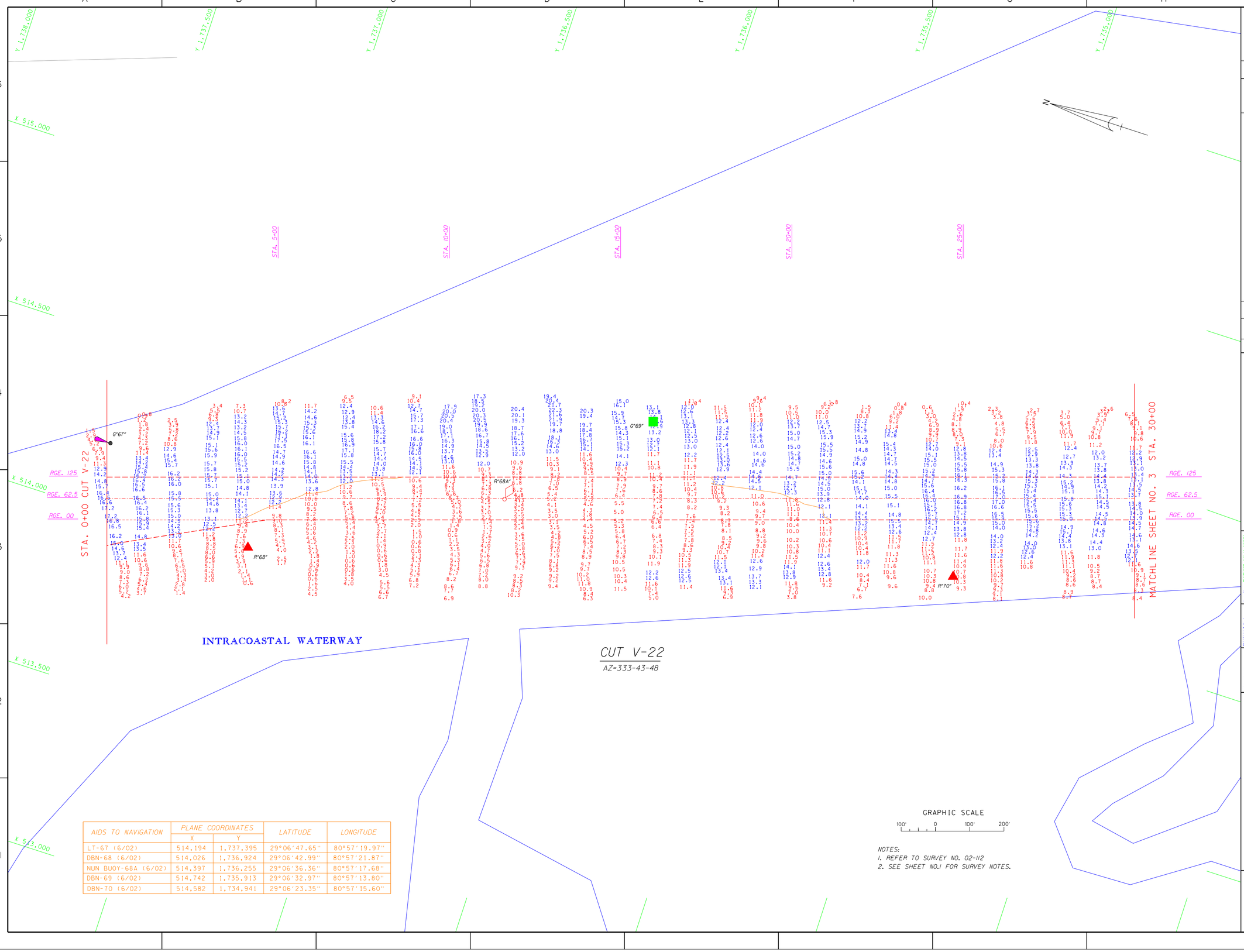


AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-67 (6/02)	514,194	1,737,395	29°06'47.65"	80°57'19.97"
DBN-68 (6/02)	514,026	1,736,924	29°06'42.99"	80°57'21.87"
NUN BUOY-68A (6/02)	514,397	1,736,255	29°06'36.36"	80°57'17.68"
DBN-69 (6/02)	514,742	1,735,913	29°06'32.97"	80°57'13.80"
DBN-70 (6/02)	514,582	1,734,941	29°06'23.35"	80°57'15.60"

NOTES:
1. REFER TO SURVEY NO. 02-112
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: RWH
Dwn by: WRH
Ckd by: WRH

Dated: JUN 2002
D.O.FILE NO.

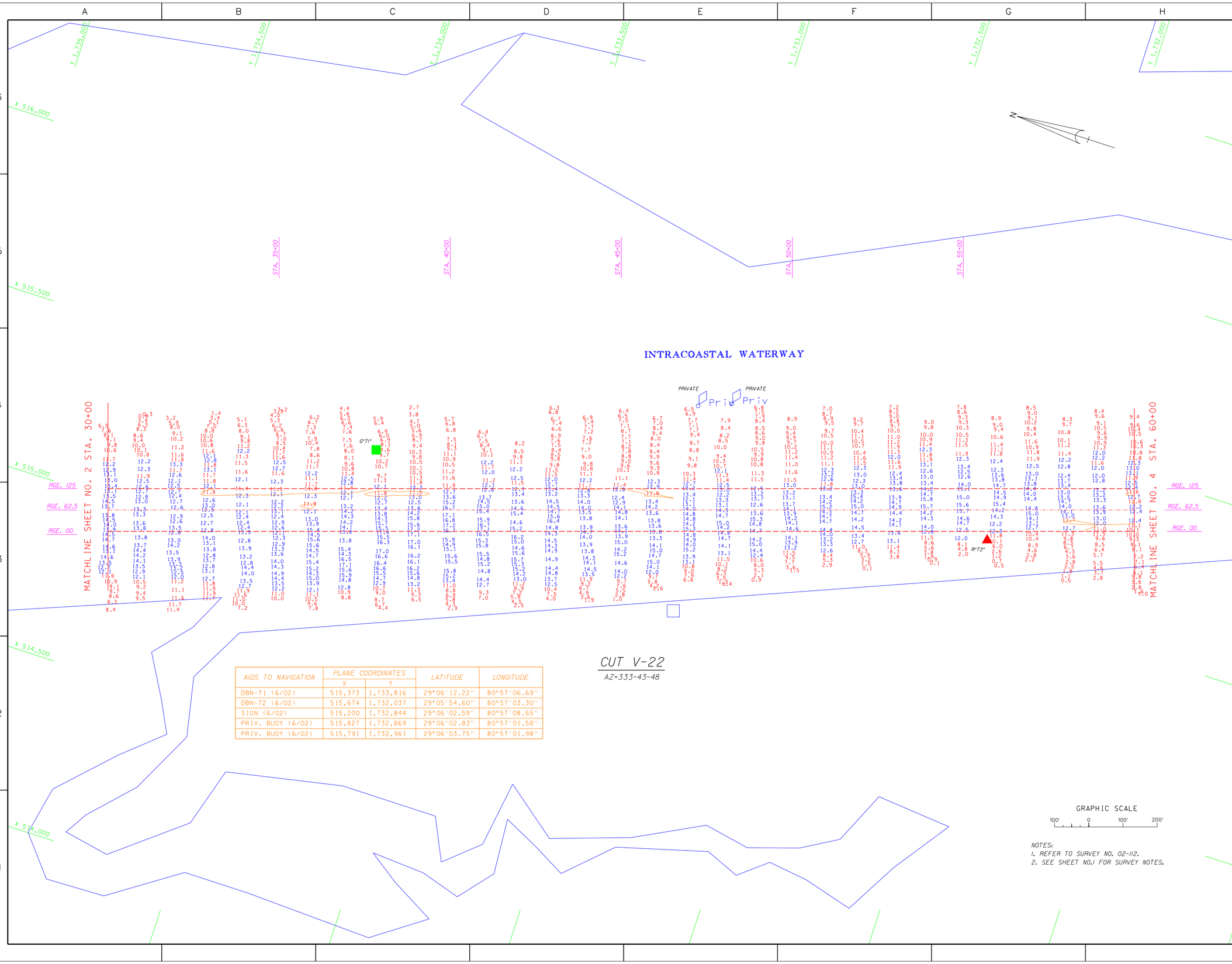
File name: D112SH02.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN VOLUBASE.DGN D112CT22.DGN D112NAV.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 0+00 THRU STA. 30+00 CUT V-22
PLAN

DRAWING NO.
2/26

SHEET 2 OF 26

...\IWW_VOL\d112pcs\d112sh02.dgn 06/17/02 09:13:27 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-71 (6/02)	515,373	1,733,816	29°06'12.22"	80°57'06.69"
DBN-72 (6/02)	515,674	1,732,037	29°05'54.60"	80°57'03.30"
SIGN (6/02)	515,200	1,732,844	29°06'02.59"	80°57'08.65"
PRIV. BUOY (6/02)	515,827	1,732,869	29°06'02.83"	80°57'01.58"
PRIV. BUOY (6/02)	515,791	1,732,961	29°06'03.75"	80°57'01.98"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: RWH
Dwn by: WRM
Ckd by: WRM

Dated: JUN 2002
D.O.FILE NO.

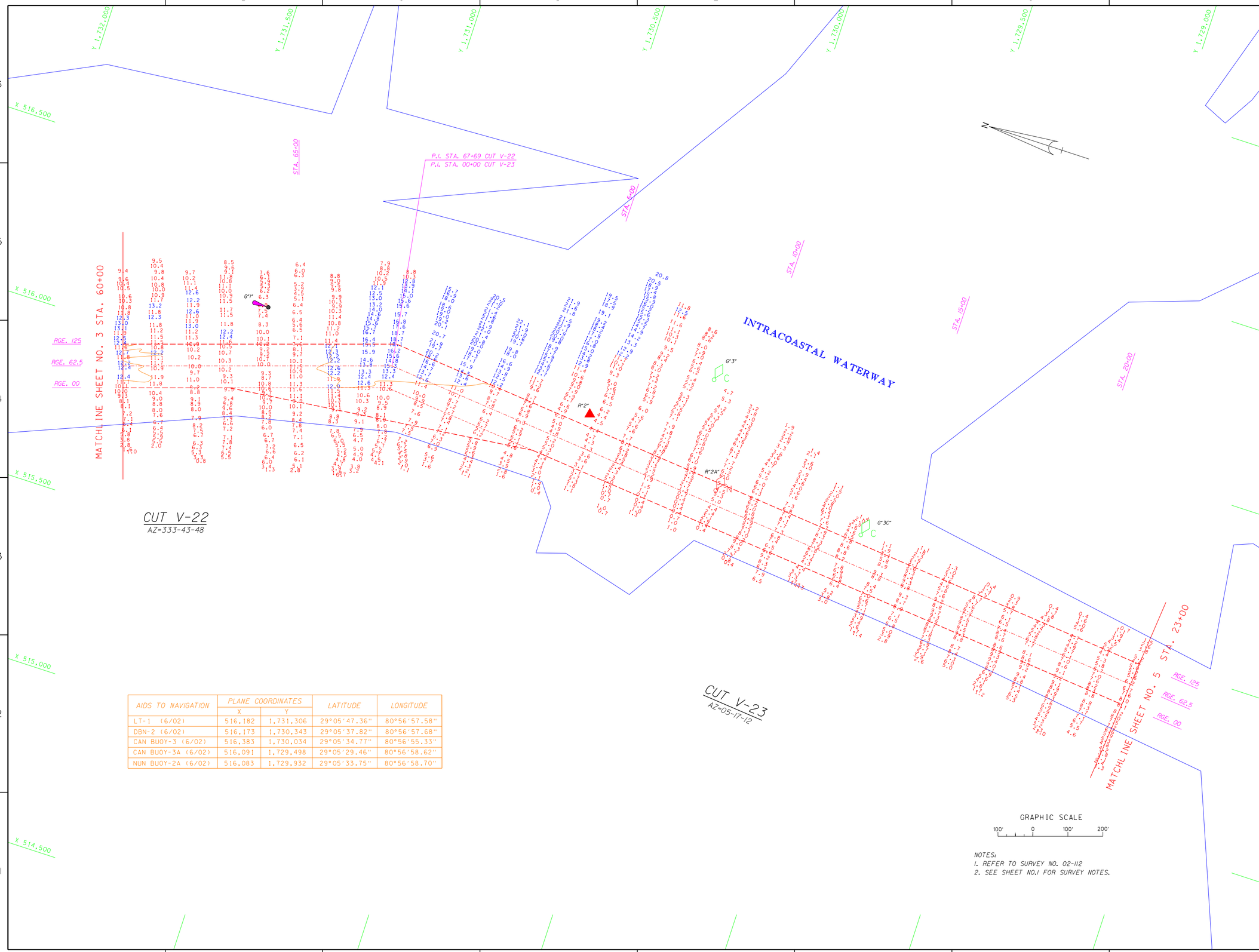
File name: D112SH03.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN VOLUBASE.DGN D112CT22.DGN D112NAV.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 30+00 THRU STA. 60+00 CUT V-22
PLAN

DRAWING NO.
3/26

SHEET 3 OF 26

...\IWW_VOL\d112pcs\d112sh03.dgn 06/17/02 09:22:12 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (6/02)	516,182	1,731,306	29°05'47.36"	80°56'57.58"
DBN-2 (6/02)	516,173	1,730,343	29°05'37.82"	80°56'57.68"
CAN BUOY-3 (6/02)	516,383	1,730,034	29°05'34.77"	80°56'55.33"
CAN BUOY-3A (6/02)	516,091	1,729,498	29°05'29.46"	80°56'58.62"
NUN BUOY-2A (6/02)	516,083	1,729,932	29°05'33.75"	80°56'58.70"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 02-112
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: DWJ
Dwn by: DWJ
Ckd by: DWJ

Dated: JUN 2002
D.O.FILE NO.

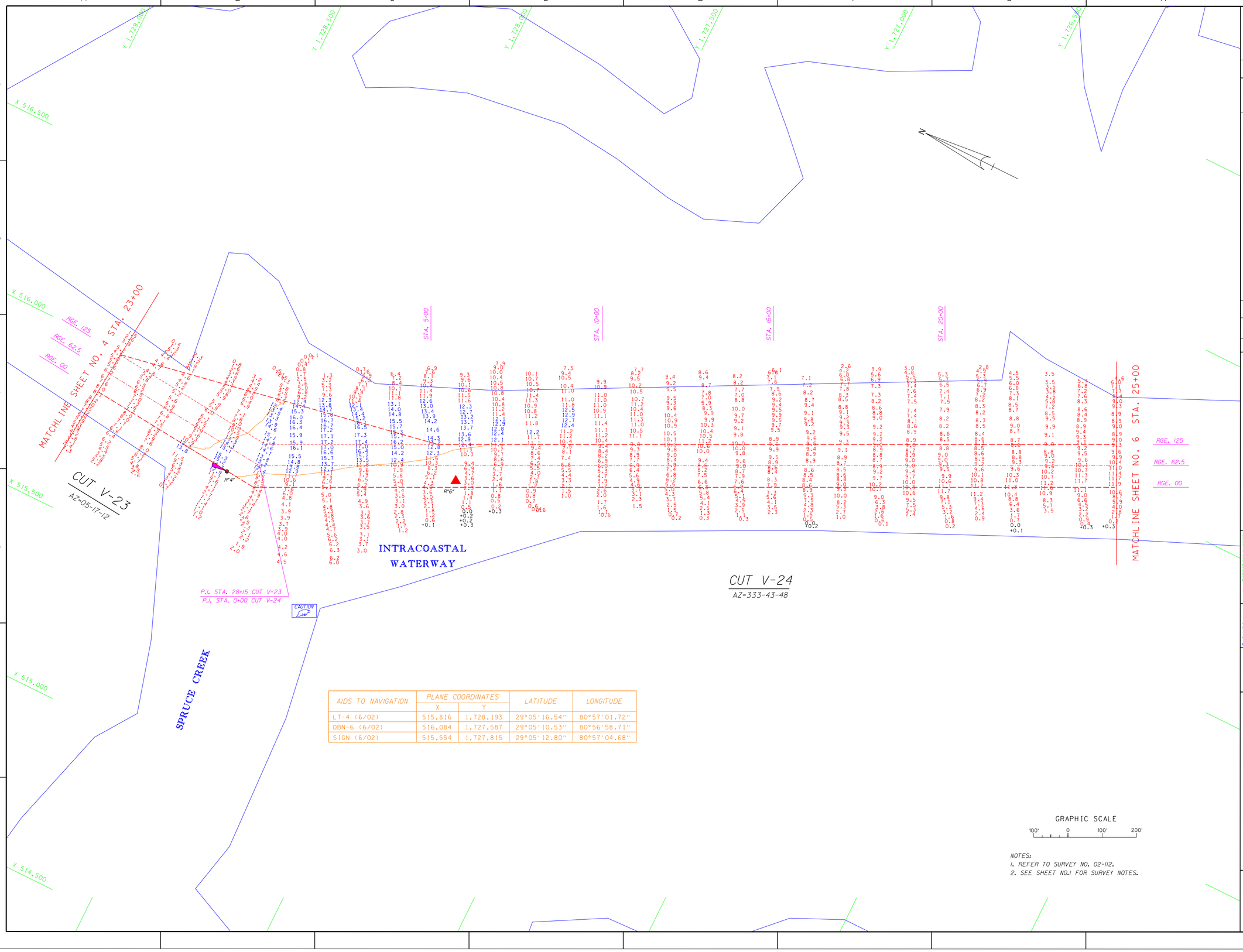
File name: D112SH04.DGN
Reference files: BBDR98.DGN V_CHANNEL.DGN VOLUBASE.DGN D112CT22.DGN D112CT23.DGN D112NAV.DGN D112CN1.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 60+00 CUT V-22 THRU STA. 23+00 CUT V-23
PLAN

DRAWING NO.
4/26

SHEET 4 OF 26

...\IWW_VOL\d112pcs\d112sh04.dgn 06/17/02 09:24:41 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-4 (6/02)	515,816	1,728,193	29°05'16.54"	80°57'01.72"
DBN-6 (6/02)	516,084	1,727,587	29°05'10.53"	80°56'58.71"
SIGN (6/02)	515,554	1,727,815	29°05'12.80"	80°57'04.68"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: RWH
Dwn by: WRW
Ckd by: WRW

Dated: JUN 2002
D.O.FILE NO.

File name: D112SH05.DGN
Reference files: BRDRB8.DGN V_CHANNEL.DGN VOLUBASE.DGN D112CT23.DGN D112CT24.DGN D112NAV.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 23+00 CUT V-23 THRU STA. 25+00 CUT V-24
PLAN

DRAWING NO.
5/26

SHEET 5 OF 26

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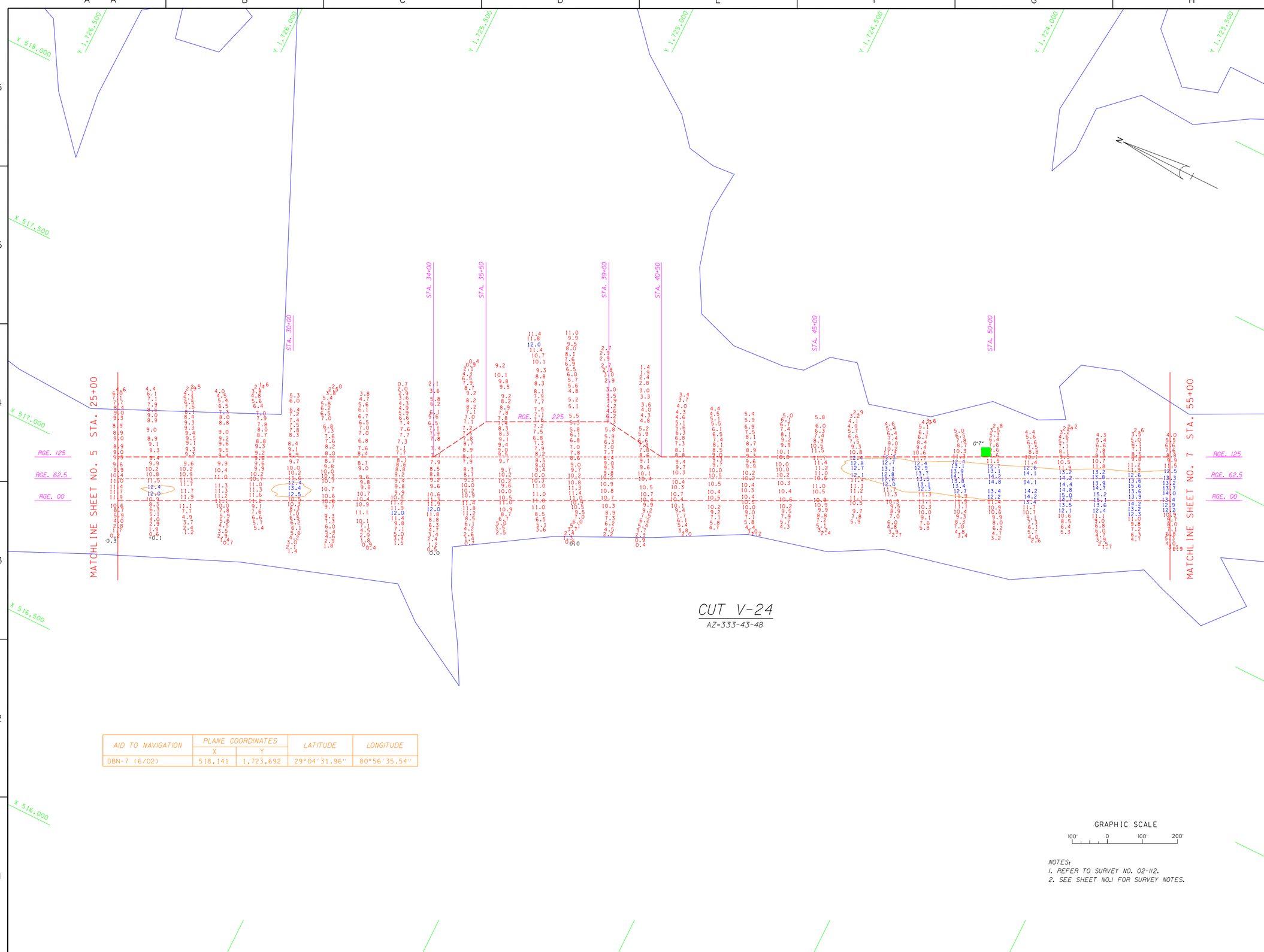

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-7 (6/02)	518,141	1,723,692	29°04'31.96"	80°56'35.54"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

Dated: JUN 2002
D.O.FILE NO.

File name: D112SH06.DGN
Reference files: BRDR98.DGN VOLUCHL.DGN VOLUBASE.DGN D112CT24.DGN D112NAV.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 25+00 THRU STA. 55+00 CUT V-24
PLAN

DRAWING NO.
6/26

SHEET 6 OF 26

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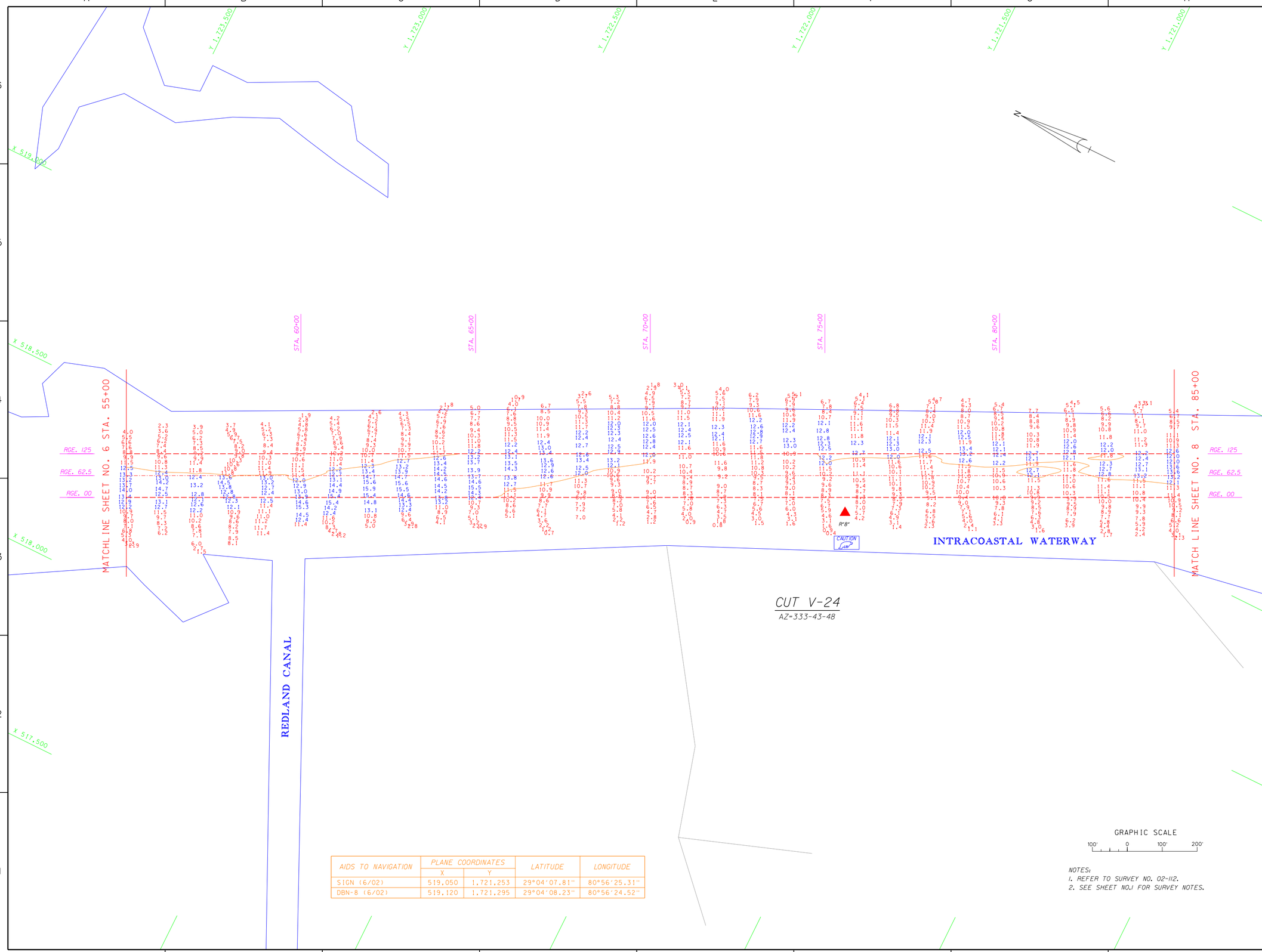

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (6/02)	519,050	1,721,253	29°04'07.81"	80°56'25.31"
DBN-8 (6/02)	519,120	1,721,295	29°04'08.23"	80°56'24.52"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: RWH
Dwn by: WRH
Ckd by: WRH
Dated: JUN 2002
D.O.FILE NO.

File name: D112SH07.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN VOLUBASE.DGN D112NAV.DGN D112CT24.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 55+00 THRU STA. 85+00 CUT V-24
PLAN

DRAWING NO.
7/26

SHEET 7 OF 26

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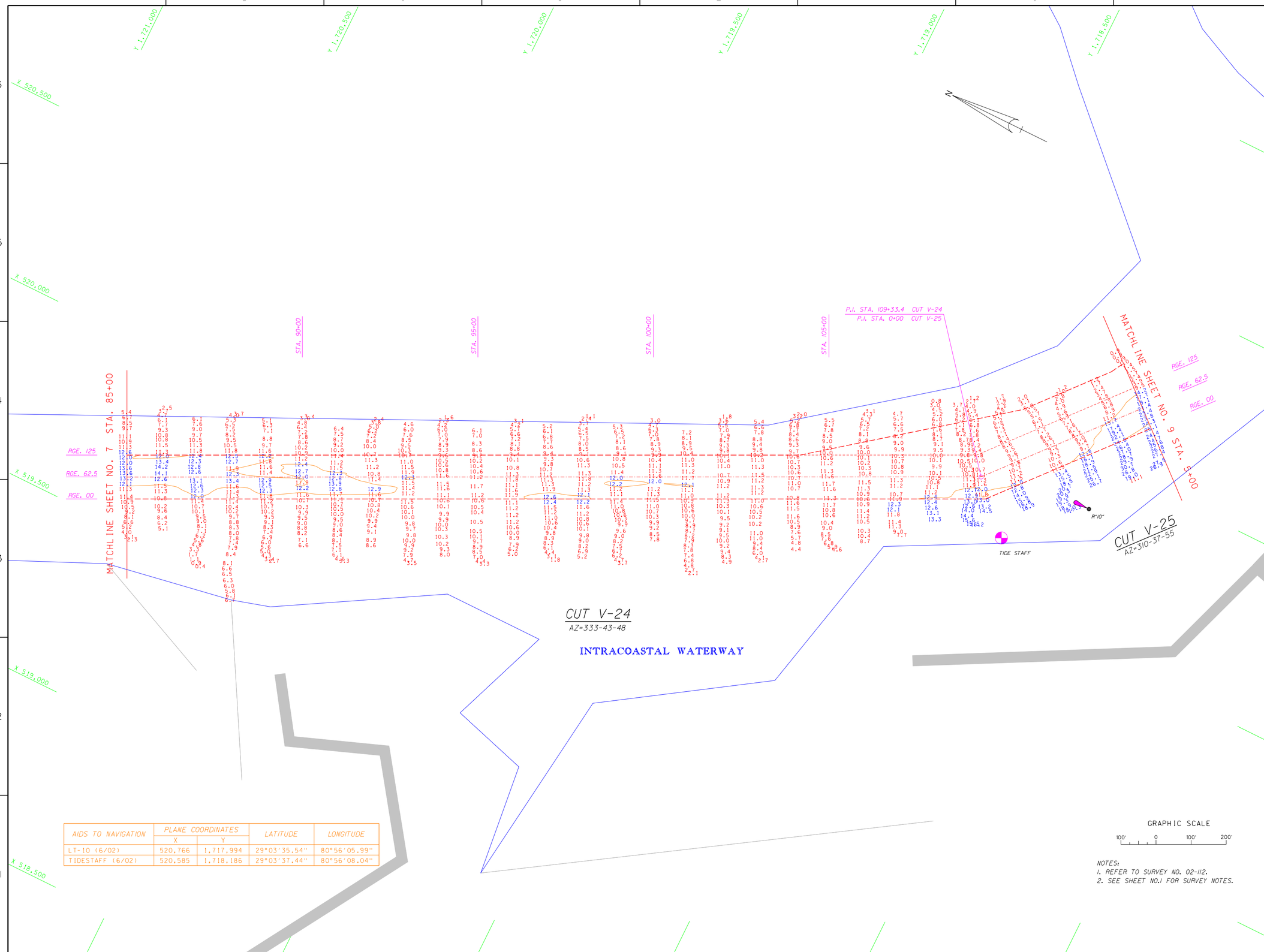


AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-10 (6/02)	520,766	1,717,994	29°03'35.54"	80°56'05.99"
TIDESTAFF (6/02)	520,585	1,718,186	29°03'37.44"	80°56'08.04"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: DWH
Dwn by: DWH
Ckd by: JRDU
Dated JUN 2002
D.O.FILE NO.

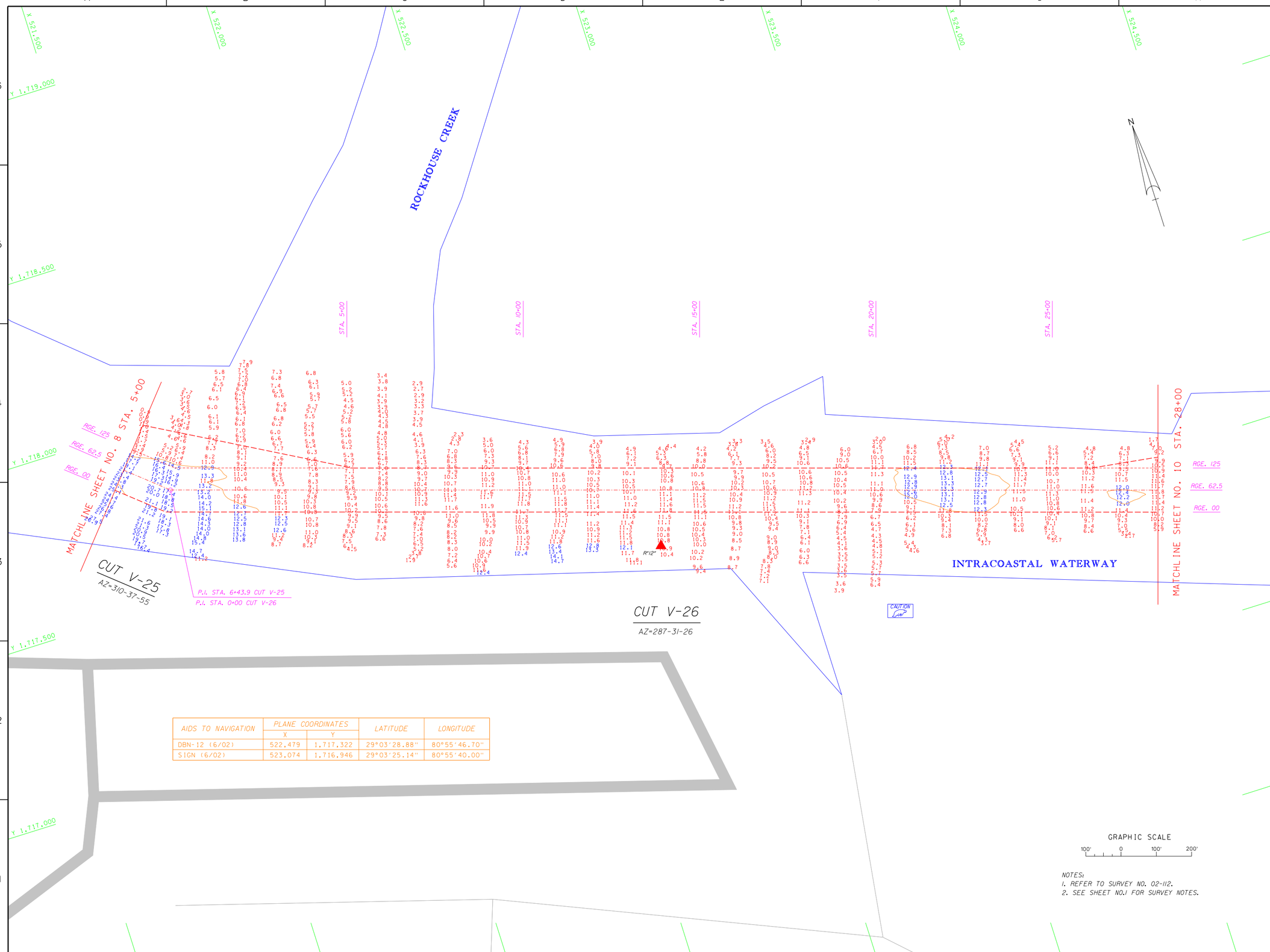
File name: D112SH08.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN VOLUBASE.DGN D112C124.DGN D112C125.DGN D112C126.DGN D112C01.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 85+00 CUT V-24 THRU STA. 5+00 CUT V-25
PLAN

DRAWING NO.
8/26

SHEET 8 OF 26

...\IWW_VOL\d112pcs\d112SH08.DGN 06/17/02 09:30:14 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-12 (6/02)	522,479	1,717,322	29°03'28.88"	80°55'46.70"
SIGN (6/02)	523,074	1,716,946	29°03'25.14"	80°55'40.00"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: XX:X

Designed by: RWH
Dwn by: WTM
Ckd by: WTM
Dated: JUN 2002
D.O. FILE NO.

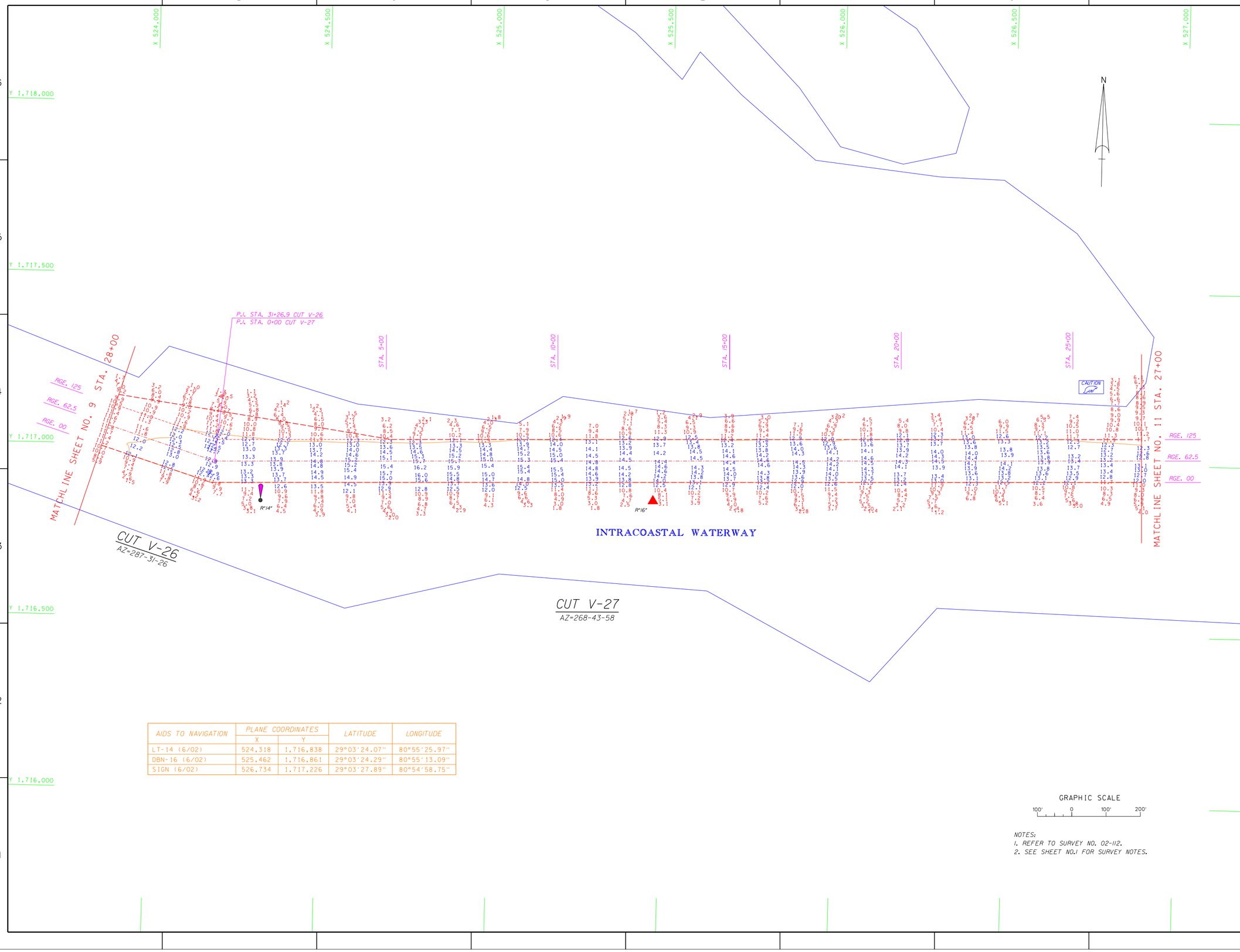
File name: D112SH09.DGN
Reference files: BRGR98.DGN, VOLUCAL.DGN, VOLUBASE.DGN, D112CT25.DGN, D112CT26.DGN, D112TOP.DGN, D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 5+00 CUT V-25 THRU STA. 28+00 CUT V-26
PLAN

DRAWING NO.
9/26

SHEET 9 OF 26

...\IWW_VOL\d112pcs\d112SH09.DGN 06/17/02 09:31:13 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-14 (6/02)	524,318	1,716,838	29°03'24.07"	80°55'25.97"
DBN-16 (6/02)	525,462	1,716,861	29°03'24.29"	80°55'13.09"
SIGN (6/02)	526,734	1,717,226	29°03'27.89"	80°54'58.75"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: RWH
Dwn by: WRM
Ckd by: WRM
Dated: JUN 2002
D.O.FILE NO.

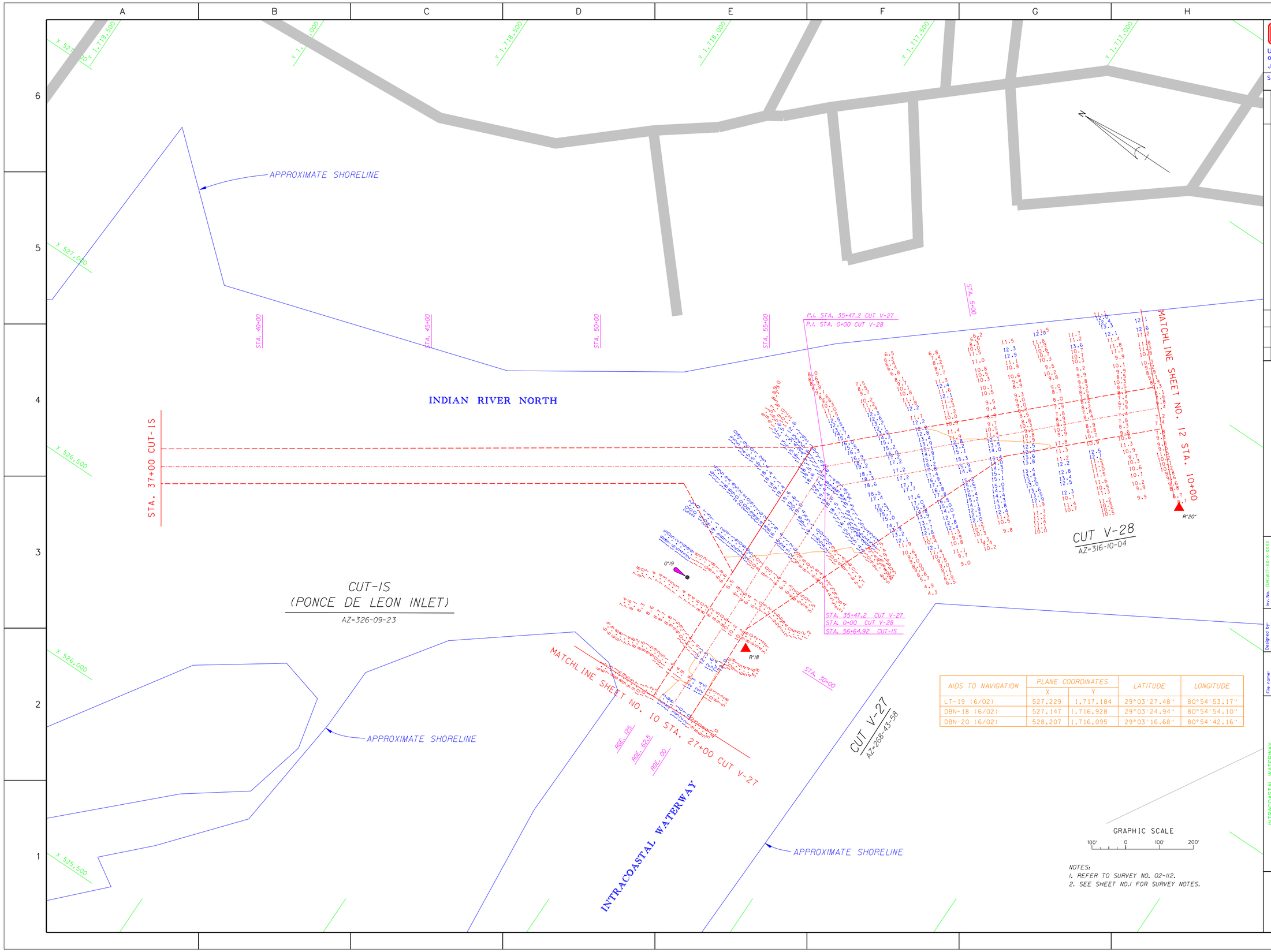
File name: D112SH10.DGN
Reference files: BRDR98.DGN VOLUCHL.DGN VOLUBASE.DGN D112NAV.DGN D112CT26.DGN D112CT27.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 28+00 CUT V-26 THRU STA. 27+00 CUT V-27
PLAN

DRAWING NO.
10/26

SHEET 10 OF 26

...\IWW_VOL\d112pcs\d112SH10.DGN 06/17/02 09:32:11 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-19 (6/02)	527,229	1,717,184	29°03'27.48"	80°54'53.17"
DBN-18 (6/02)	527,147	1,716,928	29°03'24.94"	80°54'54.10"
DBN-20 (6/02)	528,207	1,716,095	29°03'16.68"	80°54'42.16"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: RWH
Dwn by: WRM
Ckd by: WRM

Dated: JUN 2002
D.O.FILE NO.

File name: D112SH11.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN VOLUBASE.DGN D112CT28.DGN D112CT27.DGN D112CON.DGN D112NAV.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 27+00 CUT V-27 THRU STA. 10+00 CUT V-28
PLAN

DRAWING NO.
11/26

SHEET 11 OF 26

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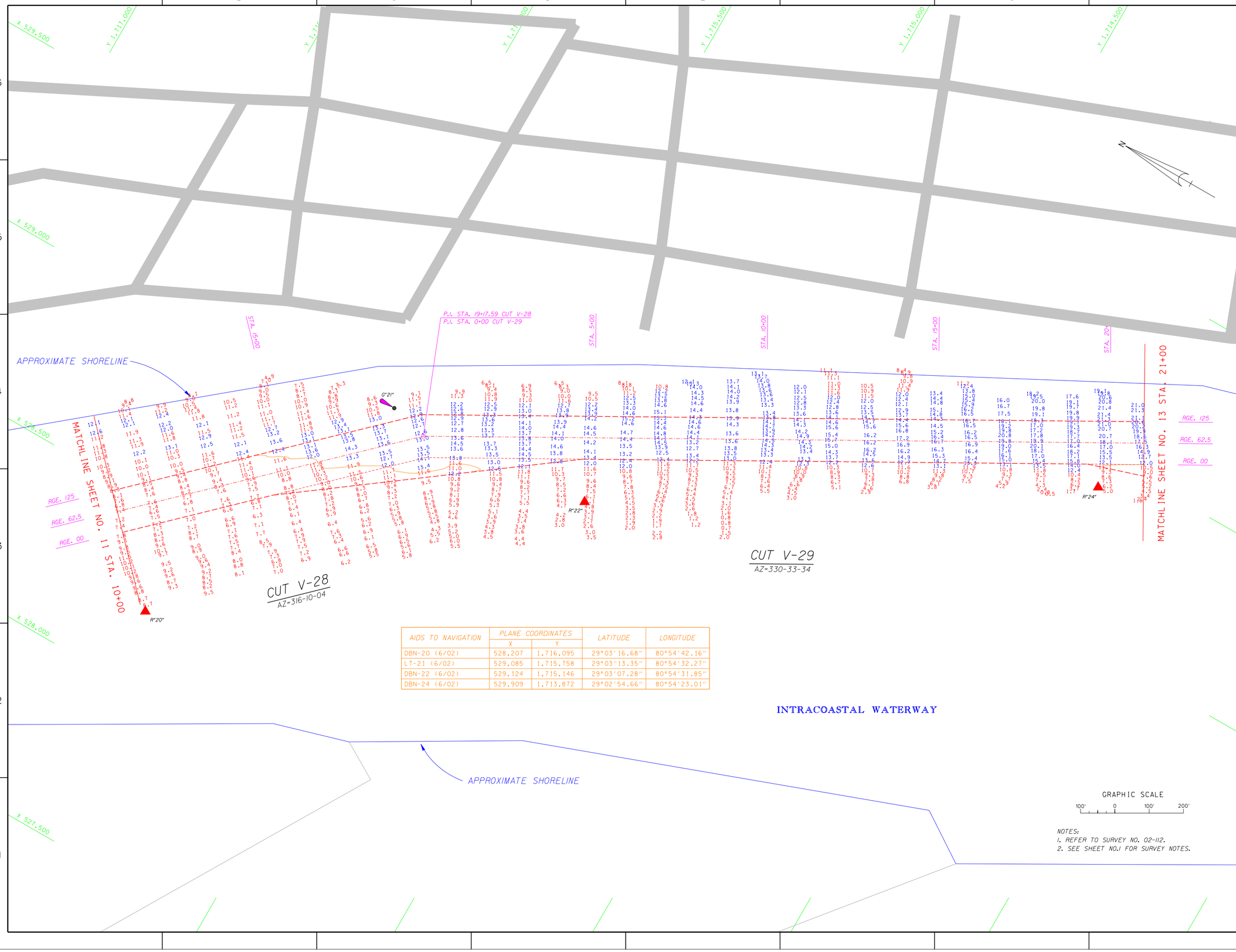

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-20 (6/02)	528,207	1,716,095	29°03'16.68"	80°54'42.16"
LT-21 (6/02)	529,085	1,715,758	29°03"13.35"	80°54'32.27"
DBN-22 (6/02)	529,124	1,715,146	29°03'07.28"	80°54'31.85"
DBN-24 (6/02)	529,909	1,713,872	29°02'54.66"	80°54'23.01"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: RWH
Dwn by: WRM
Ckd by: WRM

Dated: JUN 2002
D.O.FILE NO.

File name: D112SH12.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN VOLUBASE.DGN D112CT28.DGN D112CT29.DGN D112NAV.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 10+00 CUT V-28 THRU STA. 21+00 CUT V-29
PLAN

DRAWING NO.
12/26

SHEET 12 OF 26

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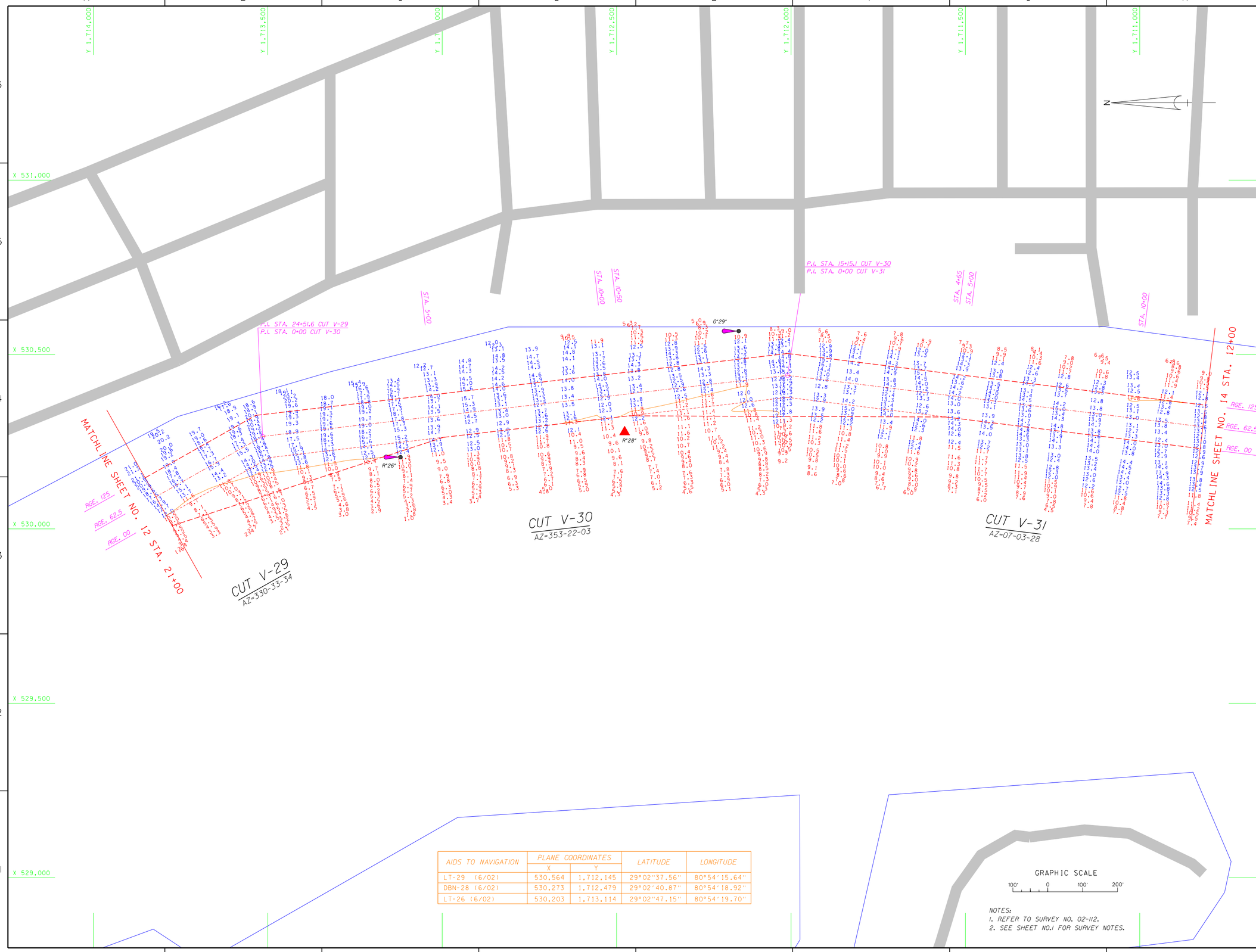

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-29 (6/02)	530,564	1,712,145	29°02'37.56"	80°54'15.64"
DBN-28 (6/02)	530,273	1,712,479	29°02'40.87"	80°54'18.92"
LT-26 (6/02)	530,203	1,713,114	29°02'47.15"	80°54'19.70"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: RWH
Dwn by: WRM
Ckd by: WRM
Dated: JUN 2002
D.O.FILE NO.

File name: D112SH13.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN VOLBASE.DGN D112CT29.DGN D112NAV.DGN D112CT30.DGN D112CT31.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 21+00 CUT V-29 THRU STA. 12+00 CUT V-31
PLAN

DRAWING NO.
13/26

SHEET 13 OF 26

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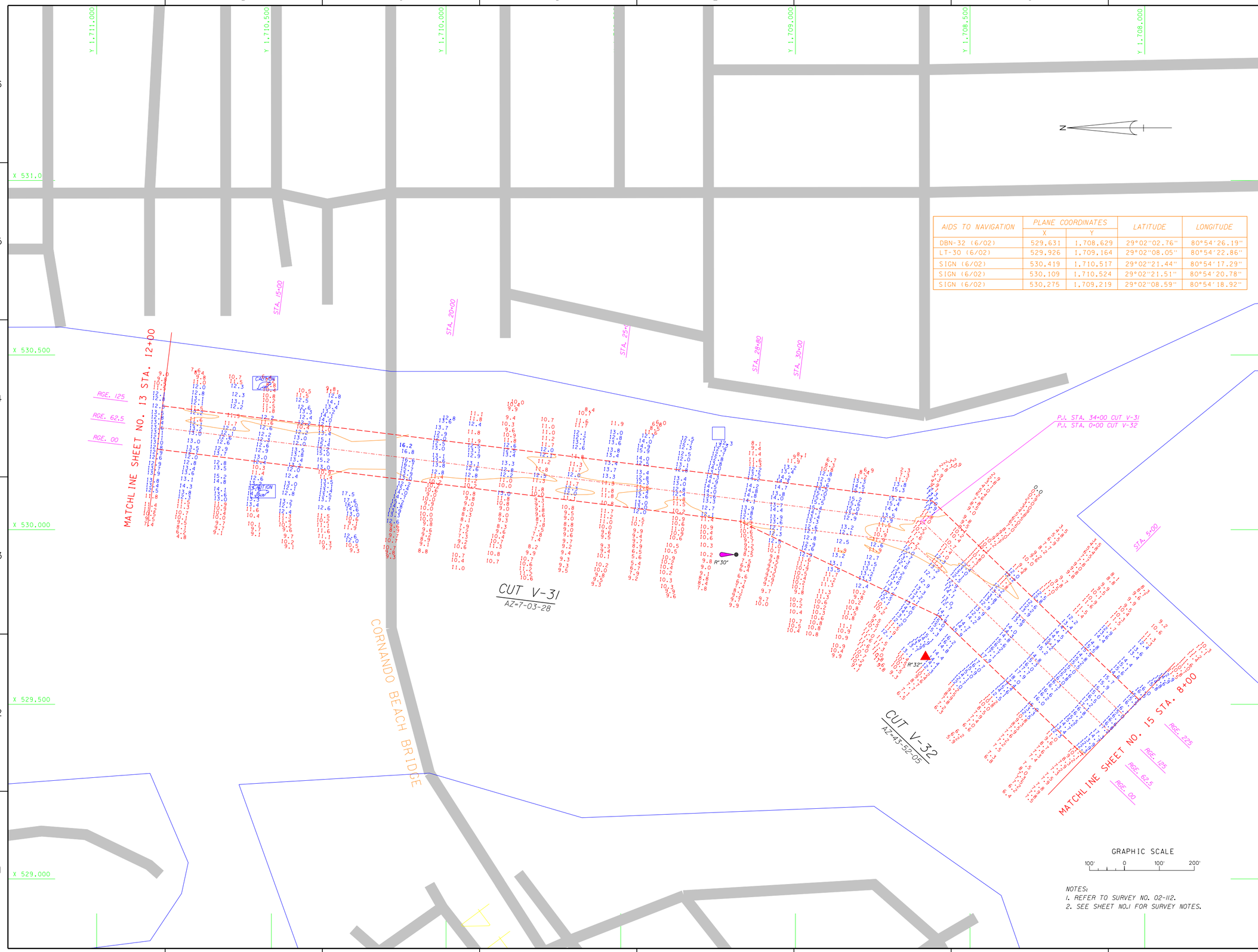

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-32 (6/02)	529,631	1,708,629	29°02"02.76"	80°54'26.19"
LT-30 (6/02)	529,926	1,709,164	29°02"08.05"	80°54'22.86"
SIGN (6/02)	530,419	1,710,517	29°02"21.44"	80°54'17.29"
SIGN (6/02)	530,109	1,710,524	29°02"21.51"	80°54'20.78"
SIGN (6/02)	530,275	1,709,219	29°02"08.59"	80°54'18.92"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

Dated: JUN 2002
D.O.FILE NO.

File name: D112SH14.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN D112NAV.DGN D112CT31.DGN D112CT32.DGN VOLUBASE.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 12+00 CUT V-31 THRU STA. 8+00 CUT V-32
PLAN

DRAWING NO.
14/26

SHEET 14 OF 26

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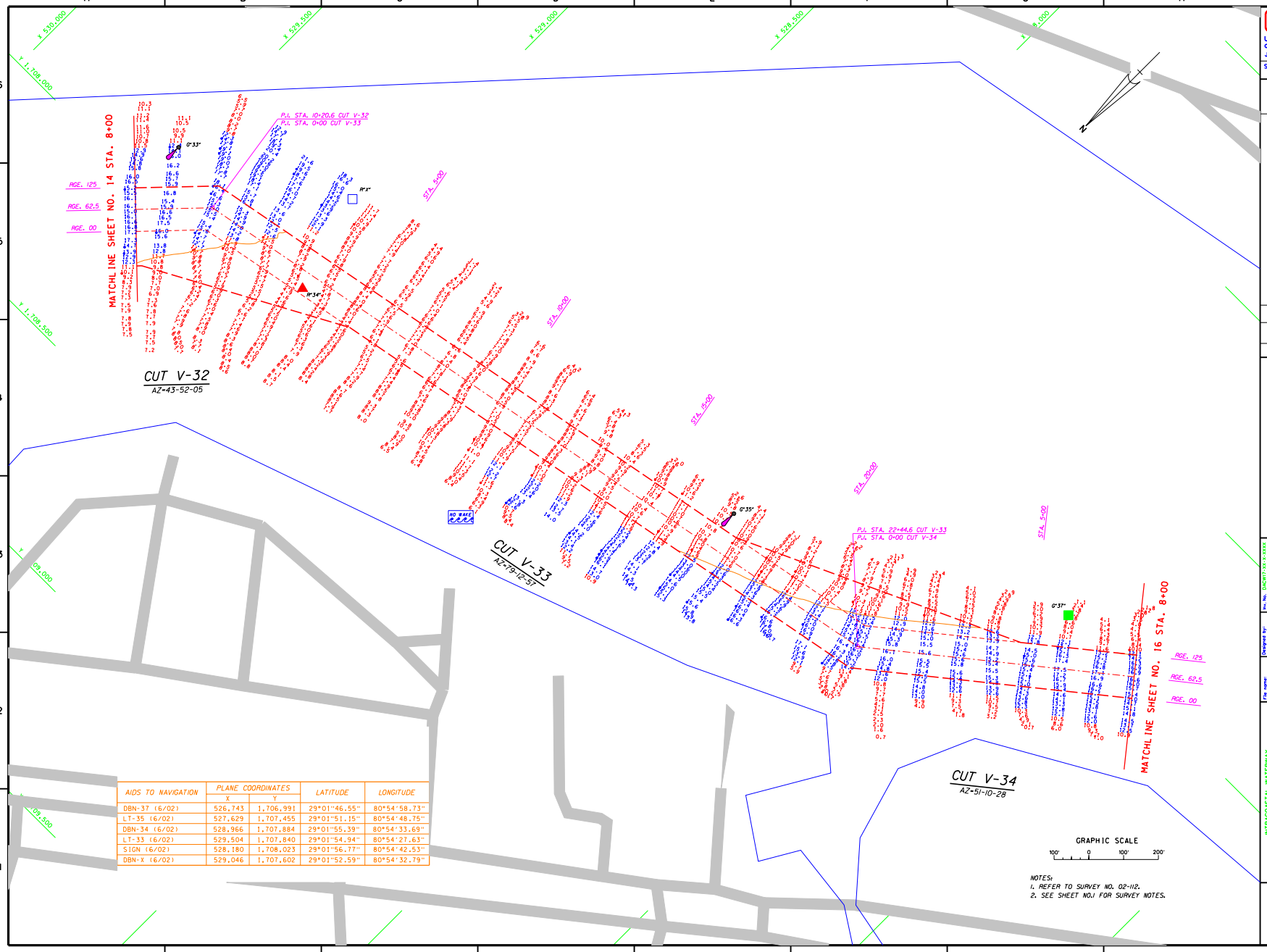

AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
DBN-37 (6/02)	526,743	1,706,991	29°01'46.55"	80°54'58.73"
LT-35 (6/02)	527,629	1,707,455	29°01'51.15"	80°54'48.75"
DBN-34 (6/02)	528,966	1,707,884	29°01'55.39"	80°54'33.69"
LT-33 (6/02)	529,504	1,707,840	29°01'54.94"	80°54'27.63"
SIGN (6/02)	528,180	1,708,023	29°01'56.77"	80°54'42.53"
DBN-X (6/02)	529,046	1,707,602	29°01'52.59"	80°54'32.79"

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

File No. D112PCS\D112SH15.DGN
Designed by: RBW
Drawn by:
Checked by:
Reviewed by:
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX
Dated: JUN 2002
D.O.FILE NO.

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 8+00 CUT V-32 THRU STA. 8+00 CUT V-34
PLAN

DRAWING NO.
15/26

SHEET 15 OF 26

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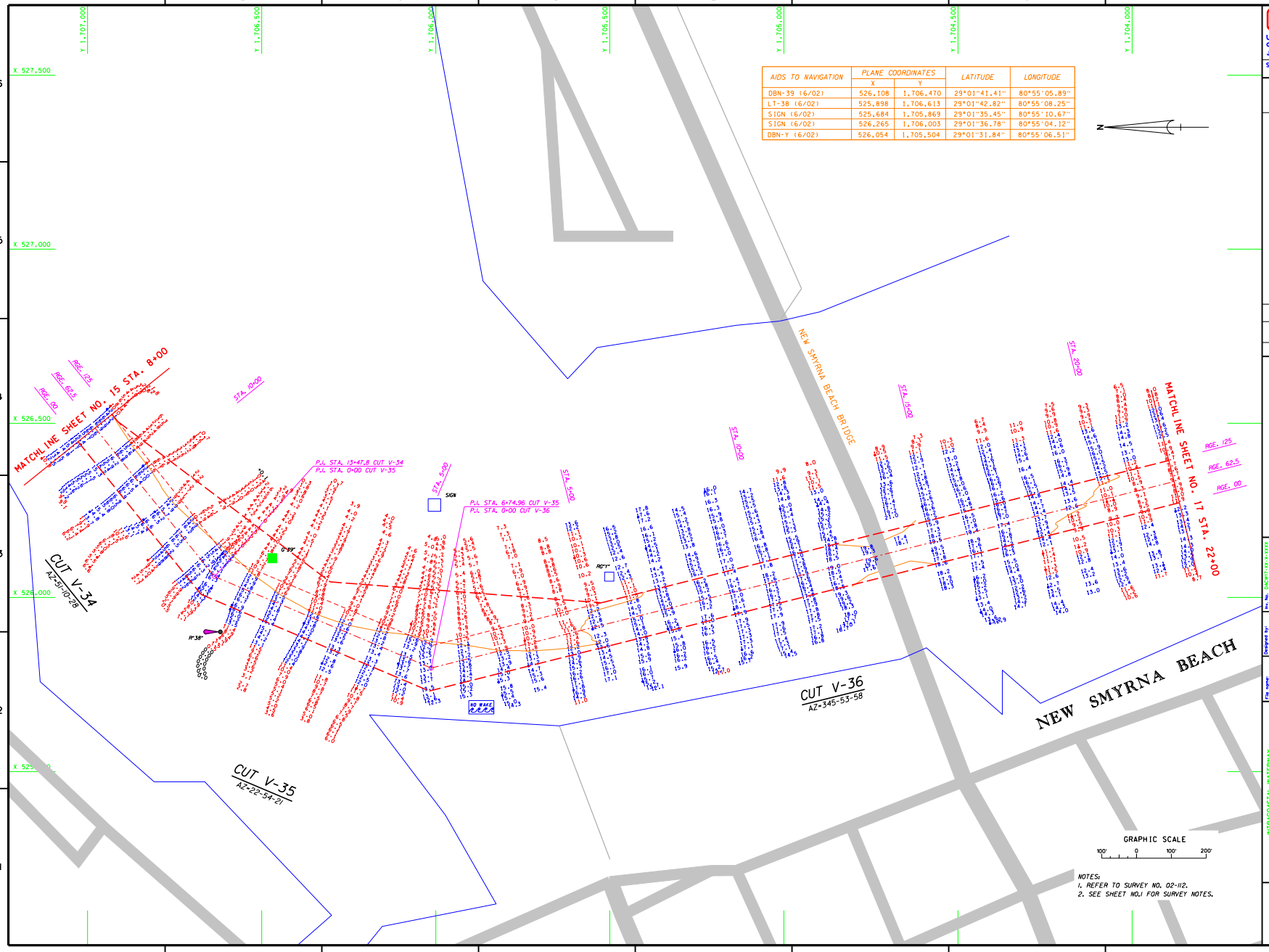

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-39 (6/02)	526,108	1,706,470	29°01'41.41"	80°55'05.89"
LT-38 (6/02)	525,898	1,706,613	29°01'42.82"	80°55'08.25"
SIGN (6/02)	525,684	1,705,869	29°01'35.45"	80°55'10.67"
SIGN (6/02)	526,265	1,706,003	29°01'36.78"	80°55'04.12"
DBN-Y (6/02)	526,054	1,705,504	29°01'31.84"	80°55'06.51"

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

File No. DUCKIT-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: RBG/
Dwn by:
Chk by:
Dsg by:
Date: JUN 2002
D.O. FILE NO.

File name: DTC2MRS.DGN
Reference files: BKGRND.DGN
V-34 CUT SECTION.DGN
DBENAV.DGN
DTC2MRS.DGN
DTC2T35.DGN
DTC2T36.DGN
DTC2V34.DGN
DTC2V35.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 8+00 CUT V-34 THRU STA. 22+00 CUT V-36
PLAN

DRAWING NO.
16/26

SHEET 16 OF 26

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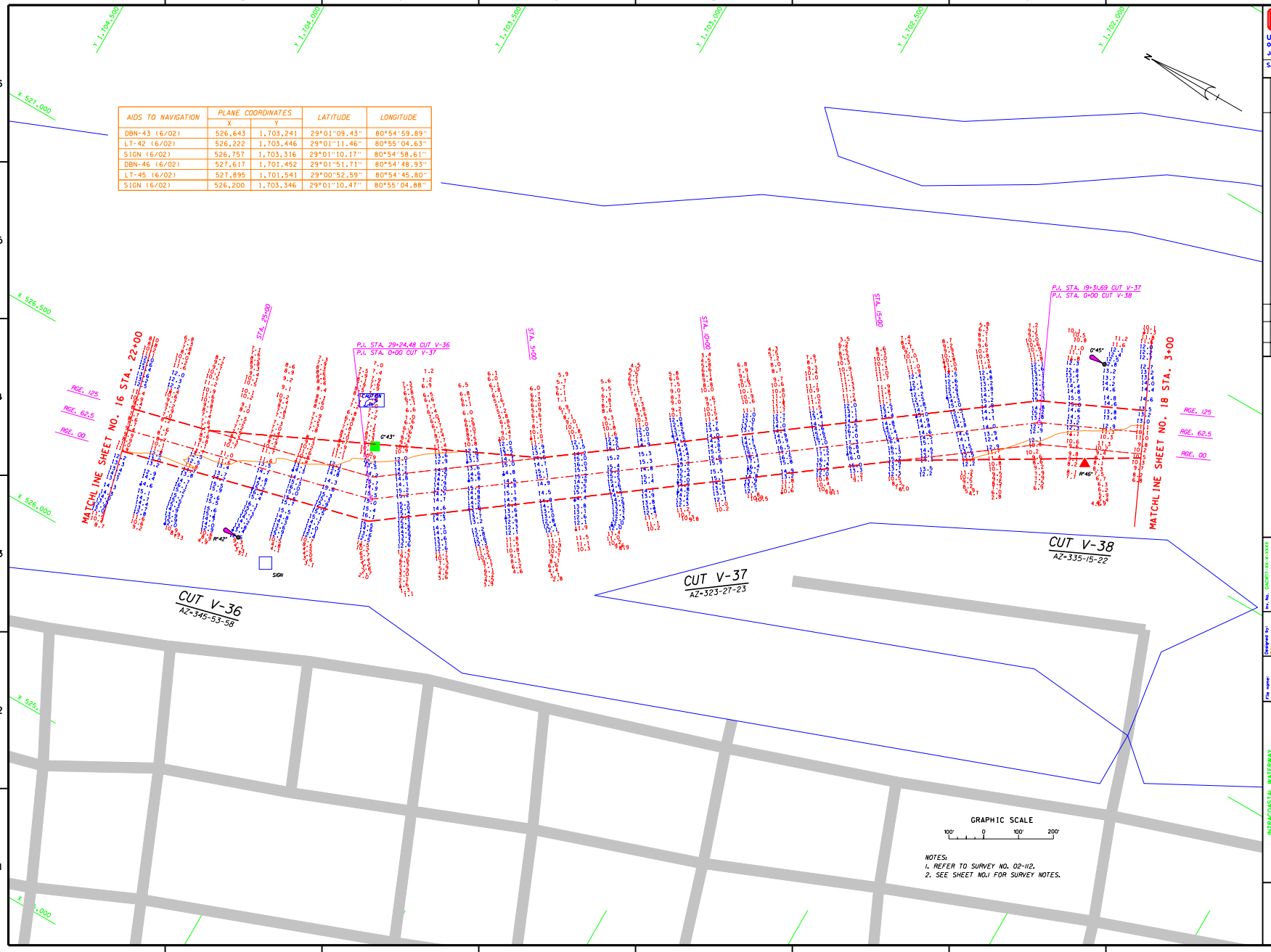
AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-43 (6/02)	526,643	1,703,241	29°01'09.43"	80°54'59.89"
LT-42 (6/02)	526,222	1,703,446	29°01'11.46"	80°55'04.63"
SIGN (6/02)	526,757	1,703,316	29°01'10.17"	80°54'58.61"
DBN-46 (6/02)	527,617	1,701,452	29°01'51.71"	80°54'48.93"
LT-45 (6/02)	527,895	1,701,541	29°00'52.59"	80°54'45.80"
SIGN (6/02)	526,200	1,703,346	29°01'10.47"	80°55'04.88"



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

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 22+00 CUT V-36 THRU STA. 3+00 CUT V-38
PLAN

DRAWING NO.
17/26

SHEET 17 OF 26

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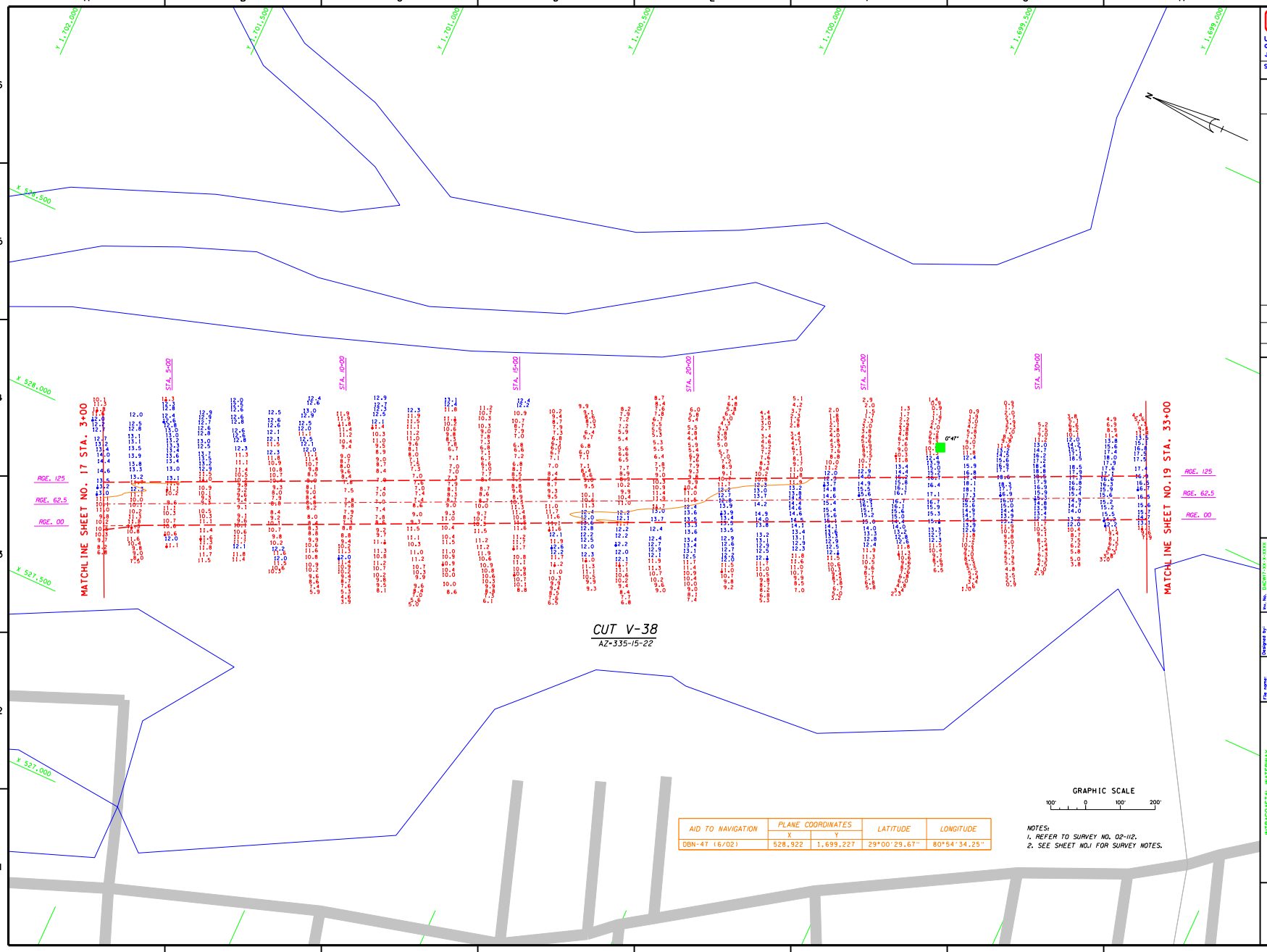

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-47 (6/02)	528,922	1,699,227	29°00'29.67"	80°54'34.25"

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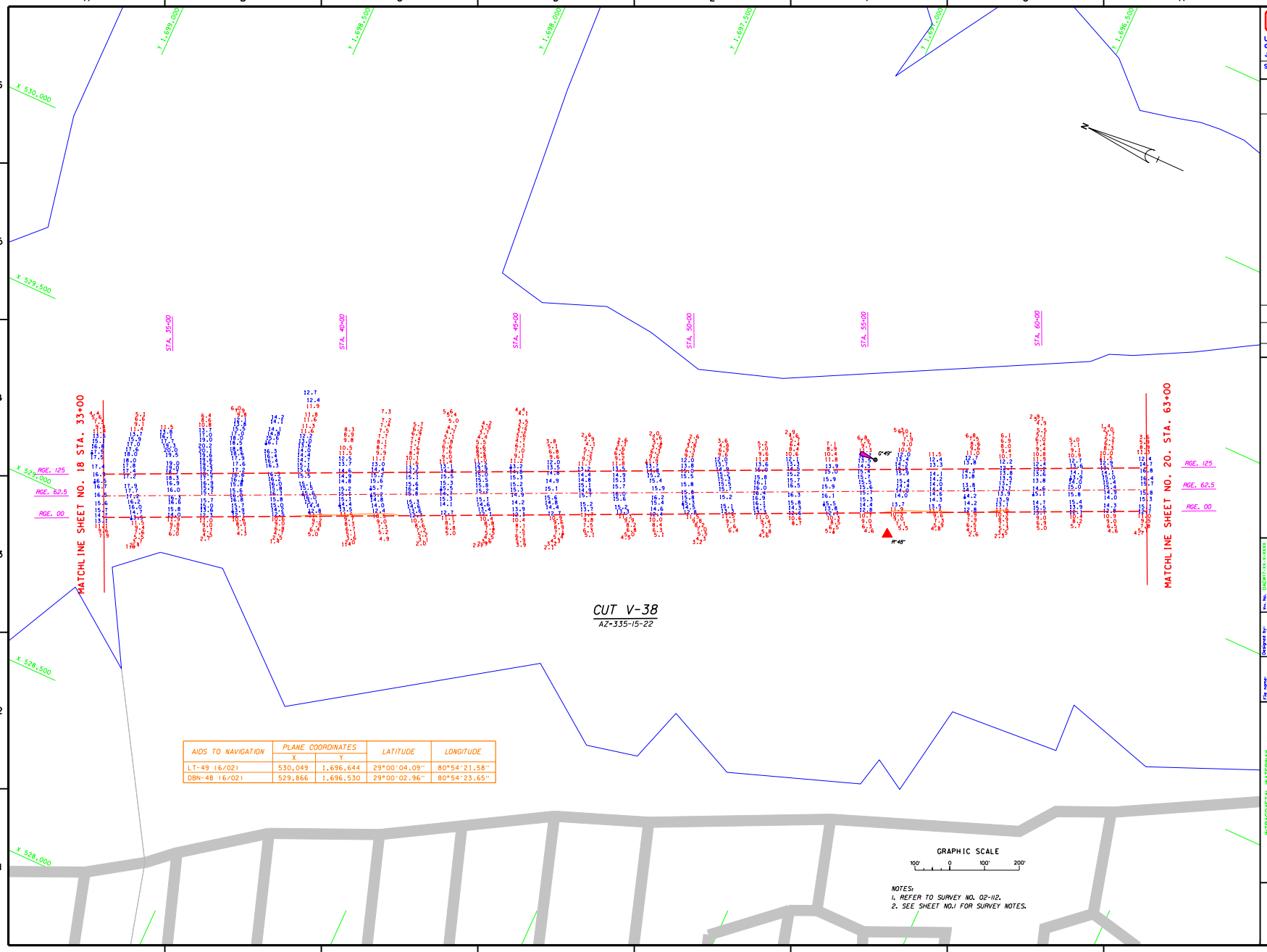


AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT-49 (6/02)	530,049	1,696,644	29°00'04.09"	80°54'21.58"
DBN-48 (6/02)	529,866	1,696,530	29°00'02.96"	80°54'23.65"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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
Dwn by: WRM
Ckd by: WRM
Dwn. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: JUN 2002
D.O.FILE NO.

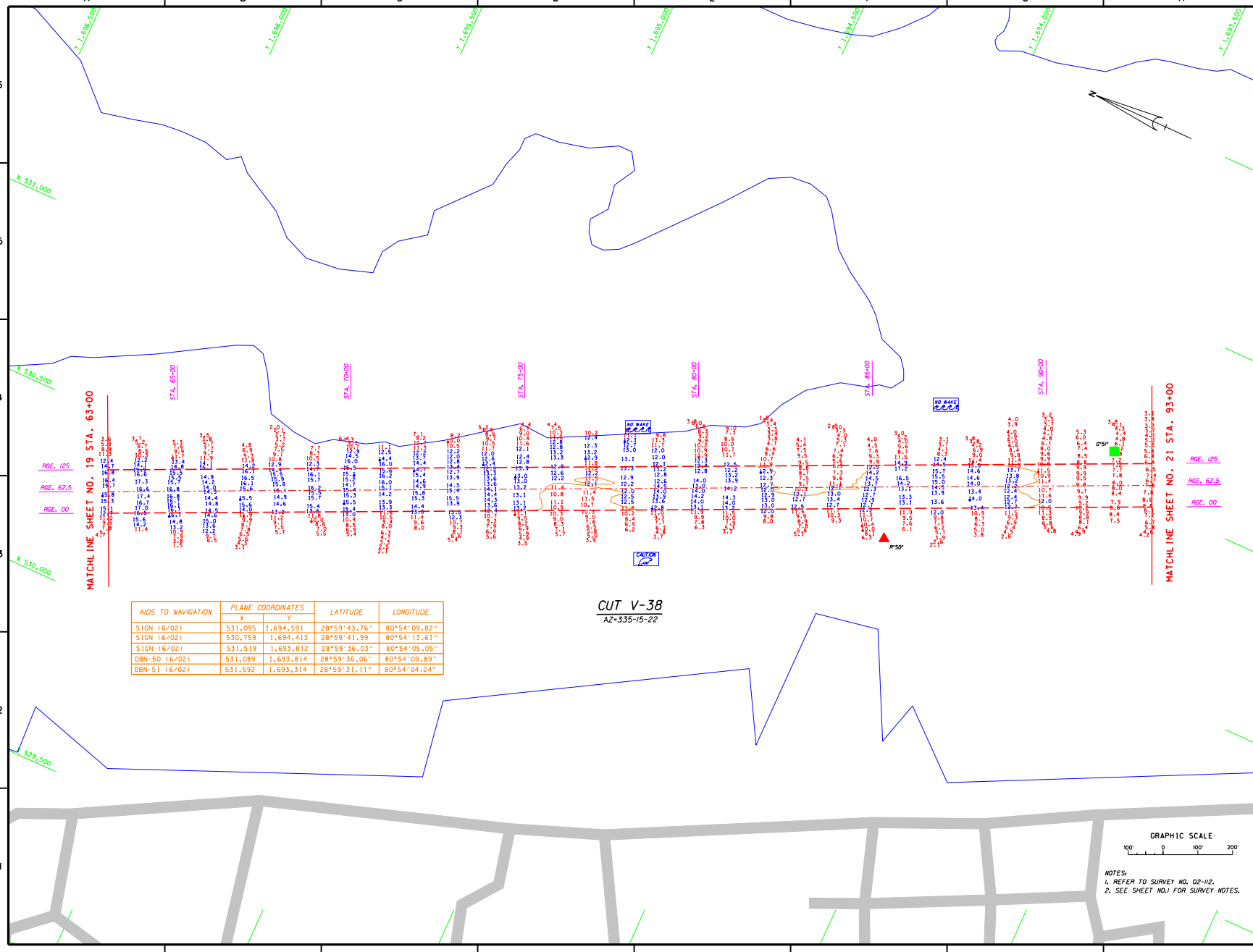
File name: DT12SH19.DGN
Reference files: BR9R98.DGN V_CHANNEL.DGN VOLUBASE.DGN DT12CT38.DGN DT12NAV.DGN DT12CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 33+00 THRU STA. 63+00 CUT V-38
PLAN

DRAWING NO.
19/26

SHEET 19 OF 26

...\IWW_VOL\d112pcs\d112sh19.DGN 06/17/02 11:03:35 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (6/02)	531,095	1,694,591	28°59'43.76"	80°54'09.82"
SIGN (6/02)	530,759	1,694,413	28°59'41.99	80°54'13.61"
SIGN (6/02)	531,519	1,693,812	28°59'36.03"	80°54'05.05"
DBN-50 (6/02)	531,089	1,693,814	28°59'36.06"	80°54'09.89"
DBN-51 (6/02)	531,592	1,693,314	28°59'31.11"	80°54'04.24"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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

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

Designed by: BBG/ Date by: XX XXX XXXX
Drawn by: Date by: XX XXX XXXX
Dated: JUN 2002
D.O.FILE NO.

File name: D112SH20.DGN
Reference files: BKGRND.DGN, VOLUCHAN.DGN, VOLUMAIN.DGN, D112CT.38.DGN, D112DNAV.DGN, D112EDGA.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FL.
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 63+00 THRU STA. 93+00 CUT V-38
PLAN

DRAWING NO.
20/26

SHEET 20 OF 26

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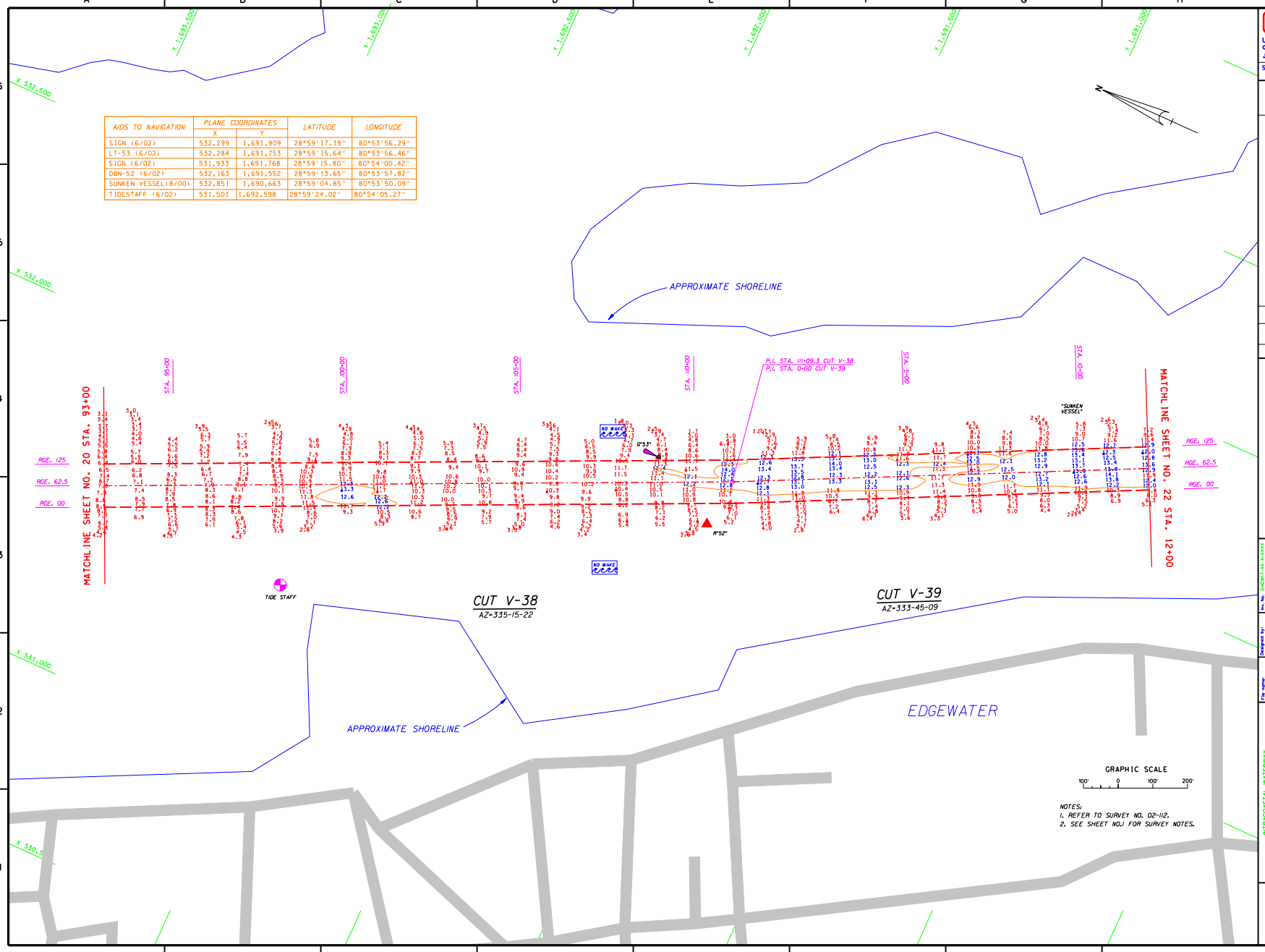
AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
SIGN (6/02)	532,299	1,691,909	28°59'17.19"	80°53'56.29"
LT-53 (6/02)	532,284	1,691,753	28°59'15.64"	80°53'56.46"
SIGN (6/02)	531,933	1,691,768	28°59'15.80"	80°54'00.42"
DBN-52 (6/02)	532,163	1,691,552	28°59'13.65"	80°53'57.82"
SUNKEN VESSEL(8/00)	532,851	1,690,663	28°59'04.85"	80°53'50.09"
TIDESTAFF (6/02)	531,501	1,692,598	28°59'24.02"	80°54'05.27"



NOTES:
1. REFER TO SURVEY NO. 02-112.
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

File No. D1CW37-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: BRW
Drawn by:
Checked by:
Dated: JUN 2002
D.O.F.FILE NO.

File name: D1TC2V21.DGN
Reference files: BKGRND.DGN, LANDMARK.DGN, VOLUME.DGN, D1TOC1.38.DGN, D1TOC1.39.DGN, D1TONAV.DGN, D1TOCAN.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 93+00 CUT V-38 THRU STA. 12+00 CUT V-39
PLAN

DRAWING NO.
21/26

SHEET 19 OF 24

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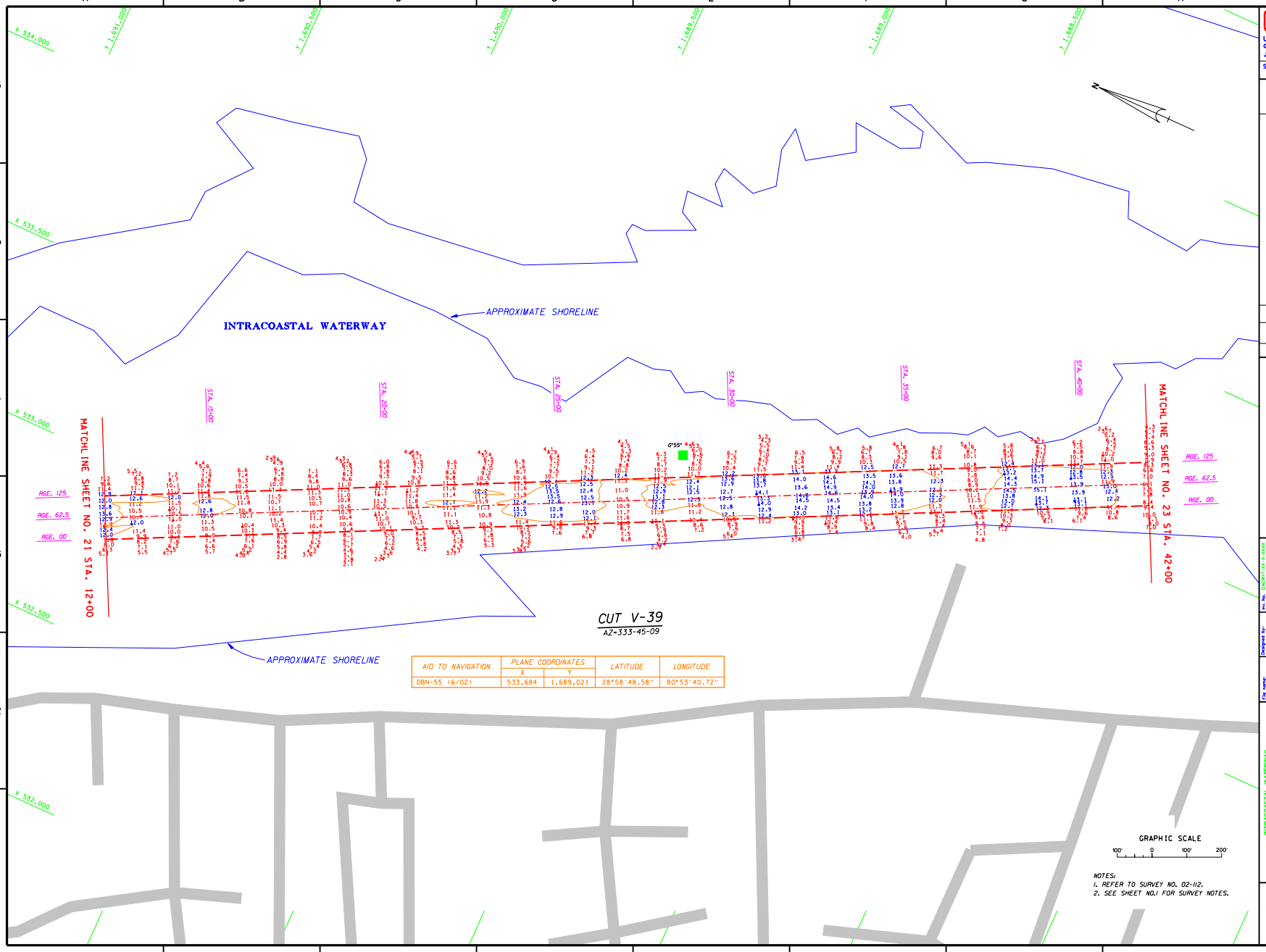

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-55 (6/02)	533,684	1,689,021	28°58'48.58"	80°53'40.72"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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: WRM
Dwn by: WRM
Ckd by: WRM
Dated: JUN 2002
D.O.FILE NO.

File name: D112sh22.DGN
Reference files: BR0R98.DGN V_CHANNEL.DGN VOLUBAGE.DGN D112CT39.DGN D112NAV.DGN D112CON.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 12+00 THRU STA. 42+00 CUT V-39
PLAN

DRAWING NO.
22/26

SHEET 22 OF 26

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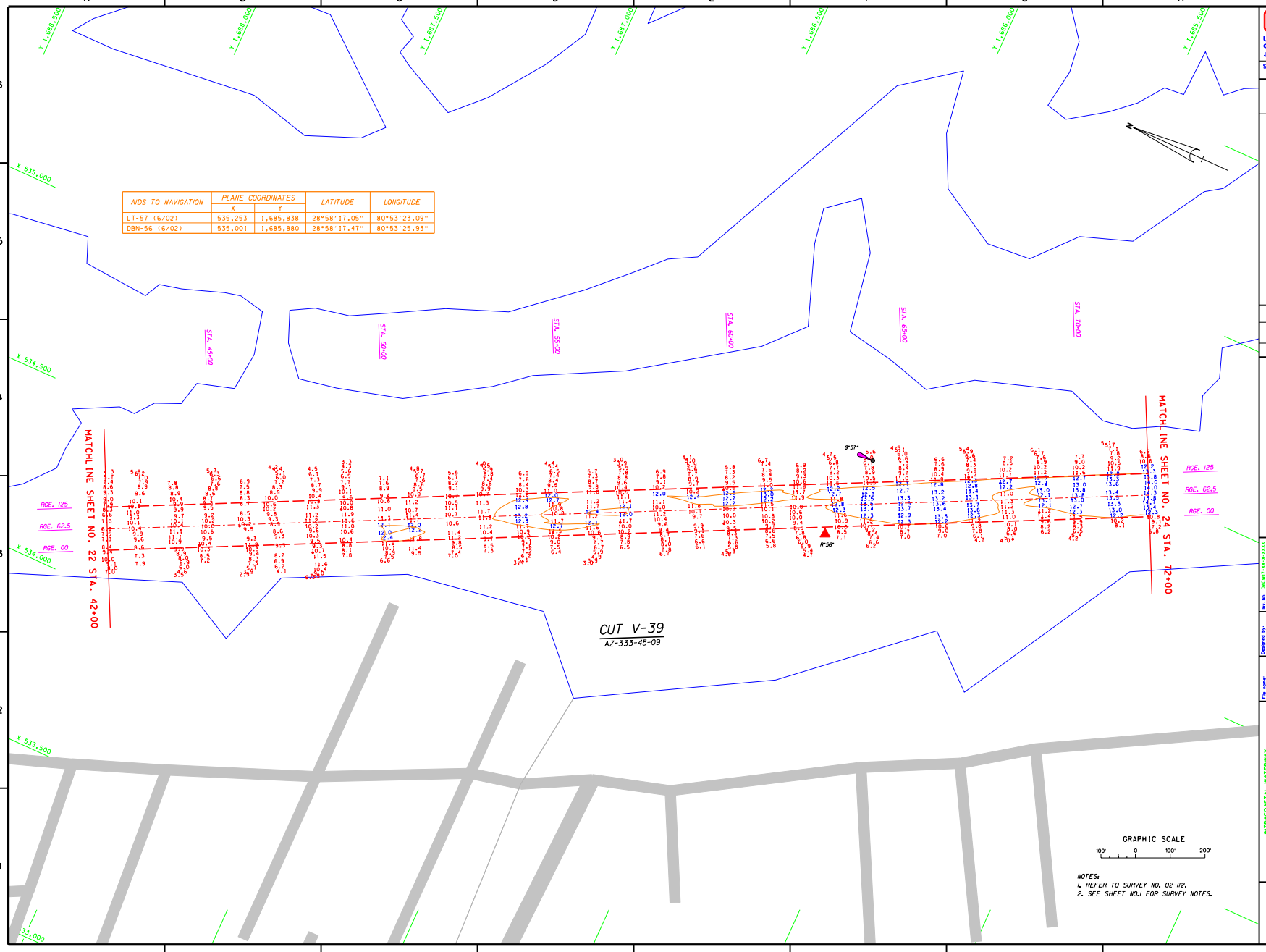


AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-57 (6/02)	535,253	1,685,838	28°58'17.05"	80°53'23.09"
DBN-56 (6/02)	535,001	1,685,880	28°58'17.47"	80°53'25.93"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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
Dwn by: WRM
Ckd by: WRM
Dwn No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Dated: JUN 2002
D.O.FILE NO.

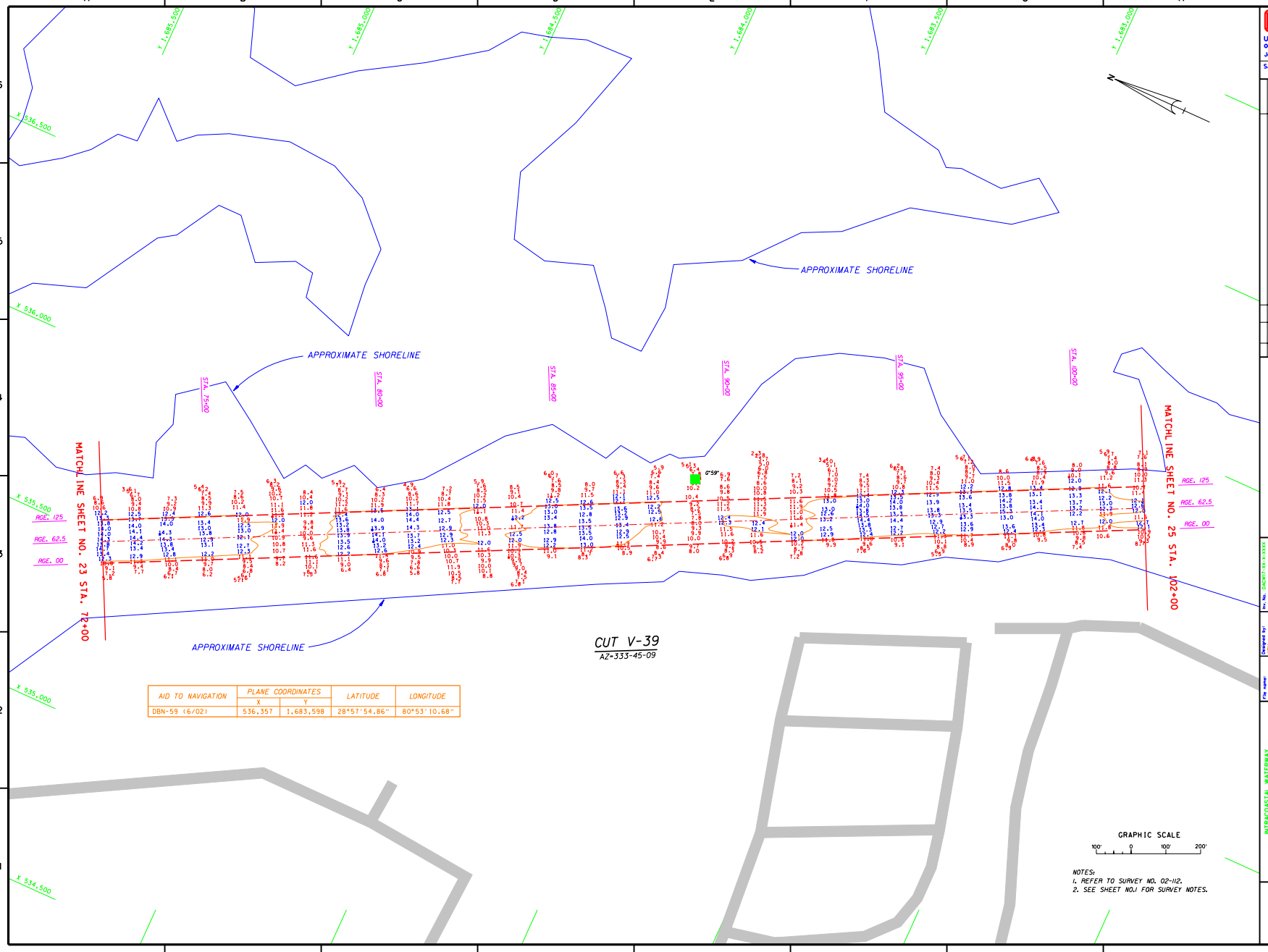
File name: D112SH23.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN VOLUMBASE.DGN D12CT39.DGN D12NAV.DGN D12COM.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 42+00 THRU STA. 72+00 CUT V-39
PLAN

DRAWING NO.
23/26

SHEET 23 OF 26

...\IWW_VOL\d112pcs\d112sh23.dgn 06/17/02 11:11:37 AM



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-59 (6/02)	536,357	1,683,598	28°57'54.86"	80°53'10.68"

NOTES:
1. REFER TO SURVEY NO. 02-112.
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
Dwg No. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXXX

Dated: JUN 2002
D.O. FILE NO.

File name: D112SH24.DGN
Reference files: BRDR98.DGN V_CHANNEL.DGN VOLUMBASE.DGN D112CT39.DGN D112CON.DGN D112NAV.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 72+00 THRU STA. 102+00 CUT V-39
PLAN

DRAWING NO.
24/26

SHEET 24 OF 26

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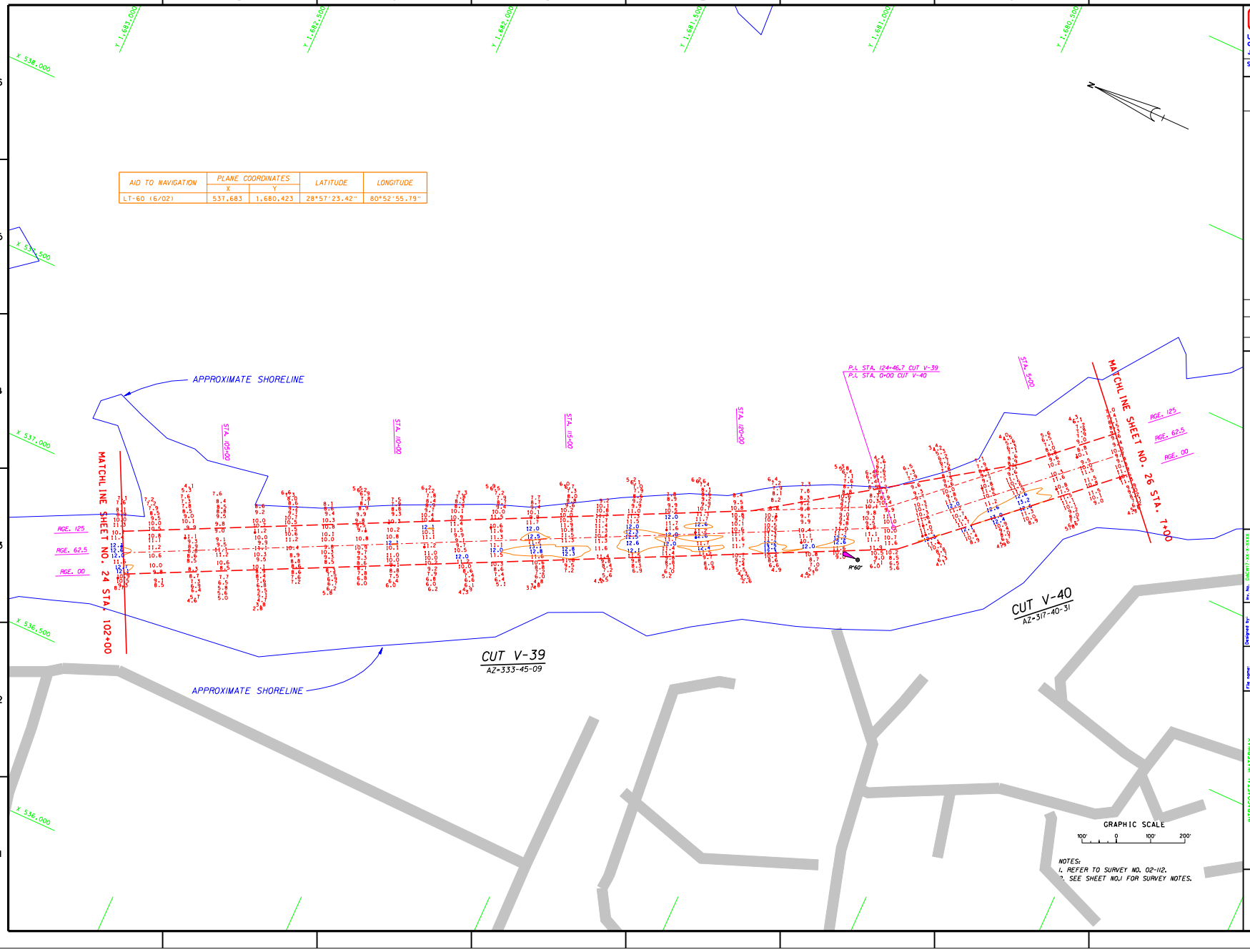
AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-60 (6/02)	537,683	1,680,423	28°57'23.42"	80°52'55.79"



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

File No. D112CV1-2-3-4-5-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: Bailey
Dwn by: Dwn by
Ckd by: Ckd by
Dated: JUN 2002
D.O.FILE NO.

File name: D112PCS\SIGN
Reference files: BASEMAP.DGN, VOLUME2.DGN, D112CT1-39.DGN, D112CT1-40.DGN, D112SH1.DGN, D112CAN.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 102+00 CUT V-39 THRU STA. 7+00 CUT V-40
PLAN

DRAWING NO.
25/26

SHEET 25 OF 26

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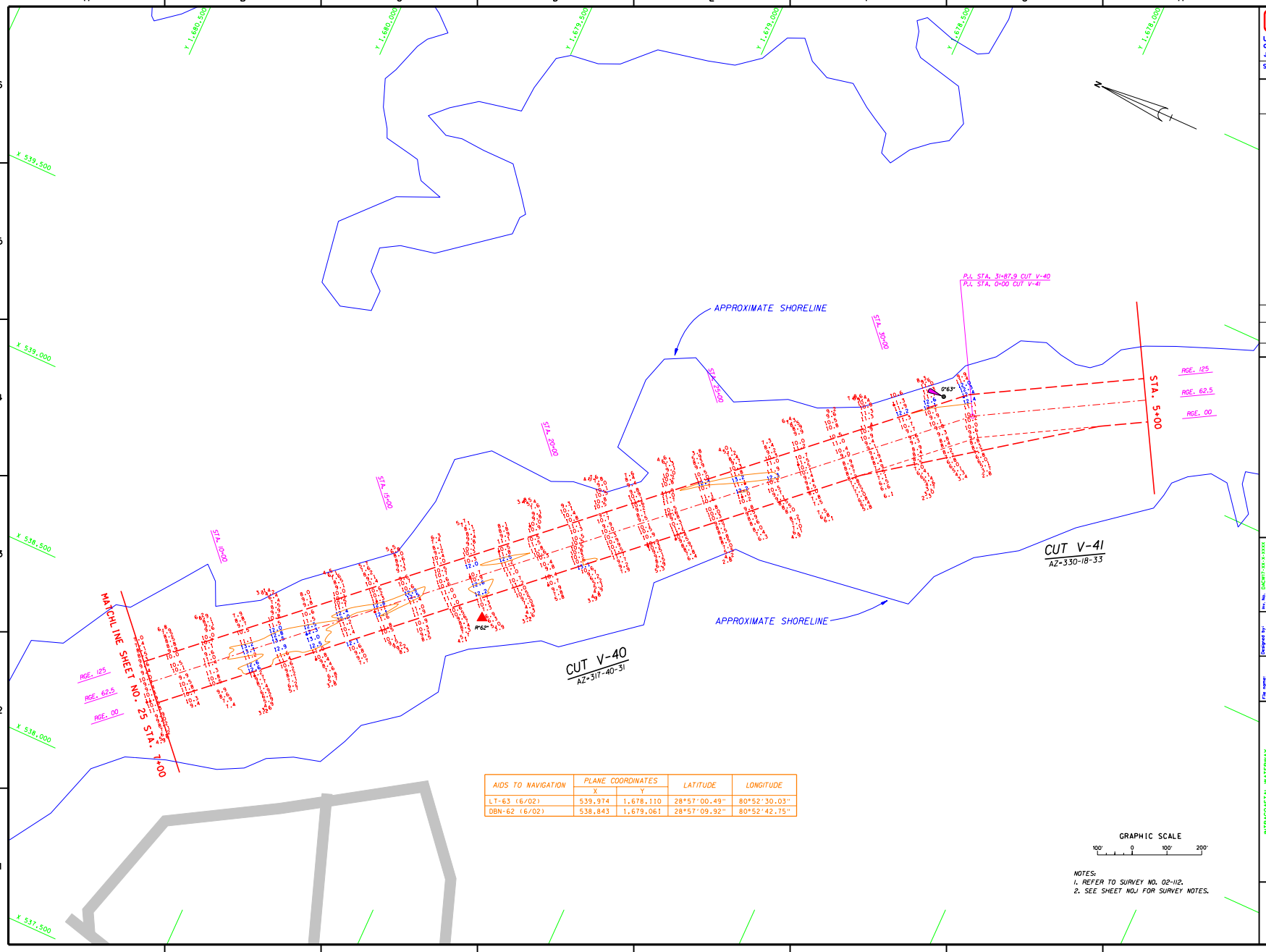

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-63 (6/02)	539,974	1,678,110	28°57'00.49"	80°52'30.03"
DBN-62 (6/02)	538,843	1,679,061	28°57'09.92"	80°52'42.75"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 02-112.
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

File No. D112CVT-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: RBG
Drawn by: RBG
Checked by: RBG
Dated: JUN 2002
D.O.FILE NO.

File name: D112SH26.DGN
Reference files: BASEMAP.DGN, V_CHANNEL.DGN, V_CHANNEL.DGN, D112CT40.DGN, D112DN41.DGN, D112CE04.DGN

INTRACOASTAL WATERWAY
JACKSONVILLE TO MIAMI, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
STA. 7+00 CUT V-40 THRU STA. 5+00 CUT V-41
PLAN

DRAWING NO.
26/26

SHEET 26 OF 26

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