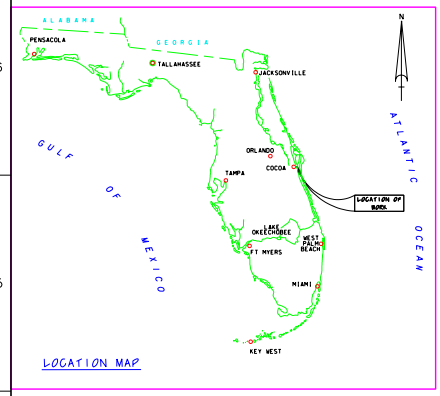
CANAVERAL BARGE CANAL
CAPE CANAVERAL, FLORIDA
PROJECT CONDITION SURVEY

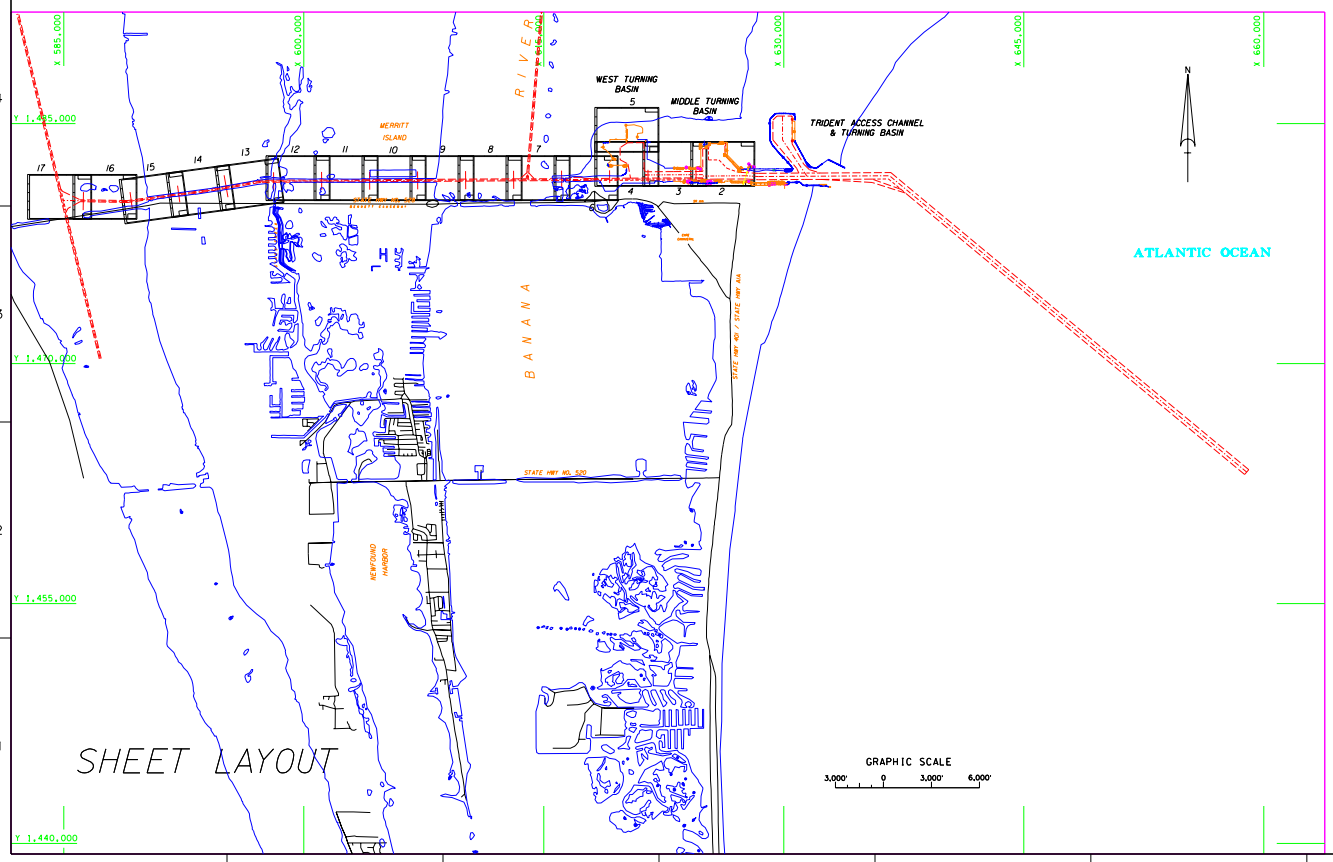


LOCATION MAP

SURVEY TABULATION				
VESSEL	AREA SURVEYED	DATE SURVEYED	STAFF LOCATION	BENCHMARK
WB-32	CUT-1, W.T.B.	21 AUG 02	REAR RANGE CUT-1	CUT-1 EAST AZ MK
WB-32	CUT-1	27-28 AUG 02	REAR RANGE CUT-2	CUT-1 EAST AZ MK
WB-32	CUTS 1, 4	28 AUG 02	WEST SIDE OF LOCKS	G-215
WB-32	CUTS 2-4	11 SEP 02	WOODEN PILING AT MANATEE SIGN	CH-19

SURVEY NOTES:

1. REFER TO SURVEY NO. 02-180.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER. REFER TO TABLE SHOWN FOR DIFFERENCES BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A (+) SIGN.
4. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
5. ALL AZIMUTHS ARE GRID, RECKONED CLOCKWISE FROM SOUTH.
6. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
7. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE.
8. ELEVATIONS SHOWN WERE OBTAINED USING ROSS SMART SOUNDER DEPTH RECORDER WITH A HIGH FREQUENCY (200 KHZ) TRANSDUCER.
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 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 2002.

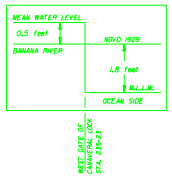


SHEET LAYOUT

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

BENCHMARKS	NGVD ELEV. (FT)
G-215	8.425
CH-19	2.660
CUT-1 EAST	9.090

Relationship between NGVD 1929 and Mean Low Water



US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Dwg No. DA0XXX-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: RBH
Dwn by: BRHD
Ckd by: BRHD
Dated: AUG 2002
D.O.FILE NO.

File name: CBRJ0ANTI.DGN
Reference files: BNDRY08.DGN CANAVERAL.DGN CANCHANLOCK

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
INDEX, LOCATION, AND VICINITY PLAN

DRAWING NO.
1/17

SHEET 1 OF 17

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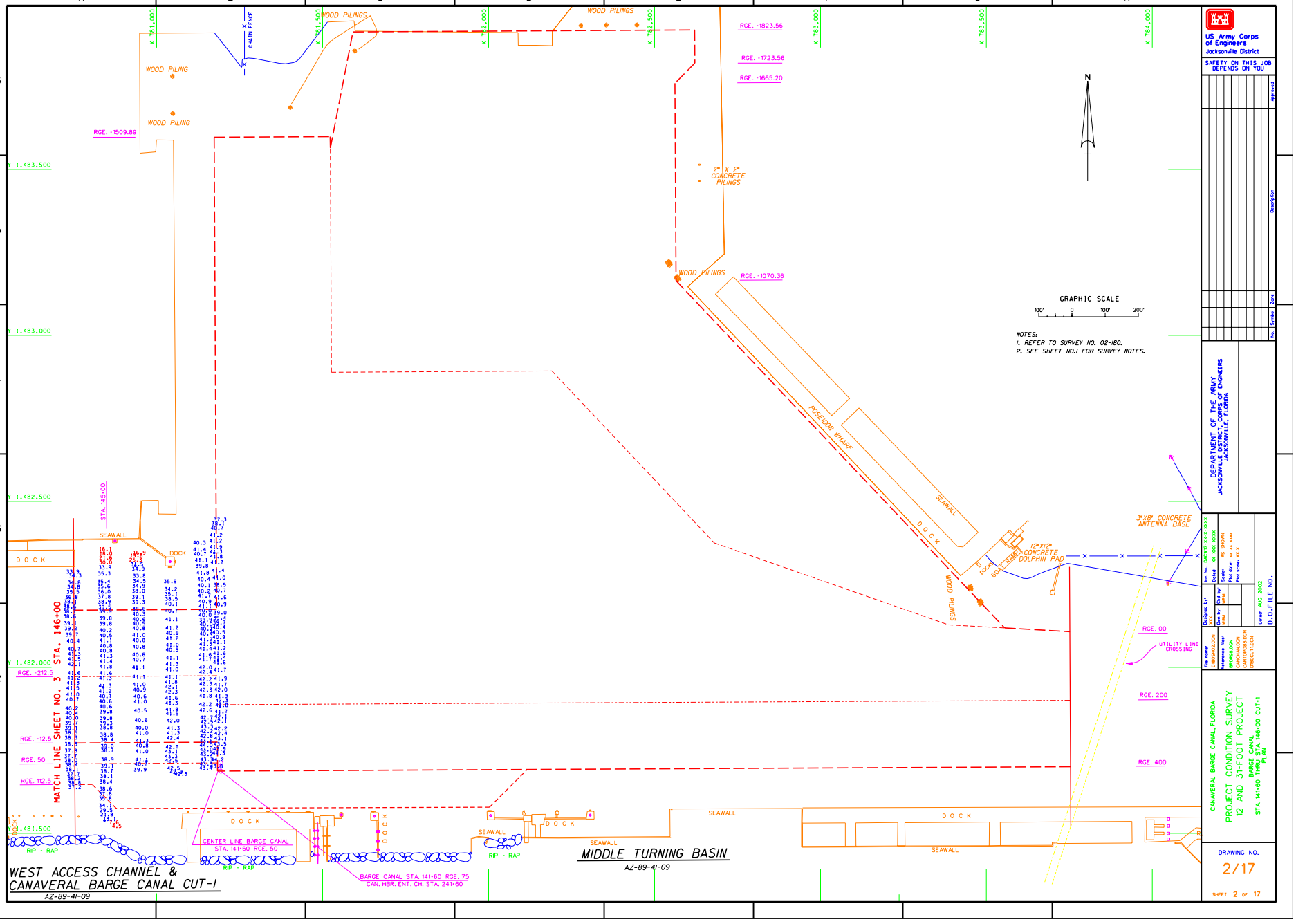

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AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-15 (8/02)	779,553	1,481,760	28°24'33.98"	80°36'58.22"
LT. BUOY-16 (8/02)	779,249	1,482,121	28°24'37.56"	80°37'01.61"
LT. BUOY-18 (8/02)	778,549	1,482,233	28°24'38.70"	80°37'09.44"
LT. BUOY-19 (8/02)	778,258	1,481,665	28°24'33.08"	80°37'12.72"
LT. BUOY-20 (8/02)	777,765	1,482,703	28°24'43.38"	80°37'18.20"

NOTES:
1. REFER TO SURVEY NO. 02-180.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

GRAPHIC SCALE
100' 0 100' 200'

APPROXIMATE SHORELINE

MATCHLINE SHEET NO. 4 STA. 176+00

MATCH LINE SHEET NO. 2 STA. 146+00

WOOD PILING

WOOD PILING

DOCK

SEAWALL

BOAT RAMP

RIP - RAP

RGE. -212.5

RGE. -12.5

RGE. 50.0

RGE. 112.5

WEST ACCESS CHANNEL & CANAVERAL BARGE CANAL CUT-I

AZ-89-41-09

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

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA. 146+00 THRU STA. 176+00 CUT-1
PLAN

DRAWING NO.
3/17

SHEET 3 OF 17

D.O.F.FILE NO.

Dated: AUG. 2002

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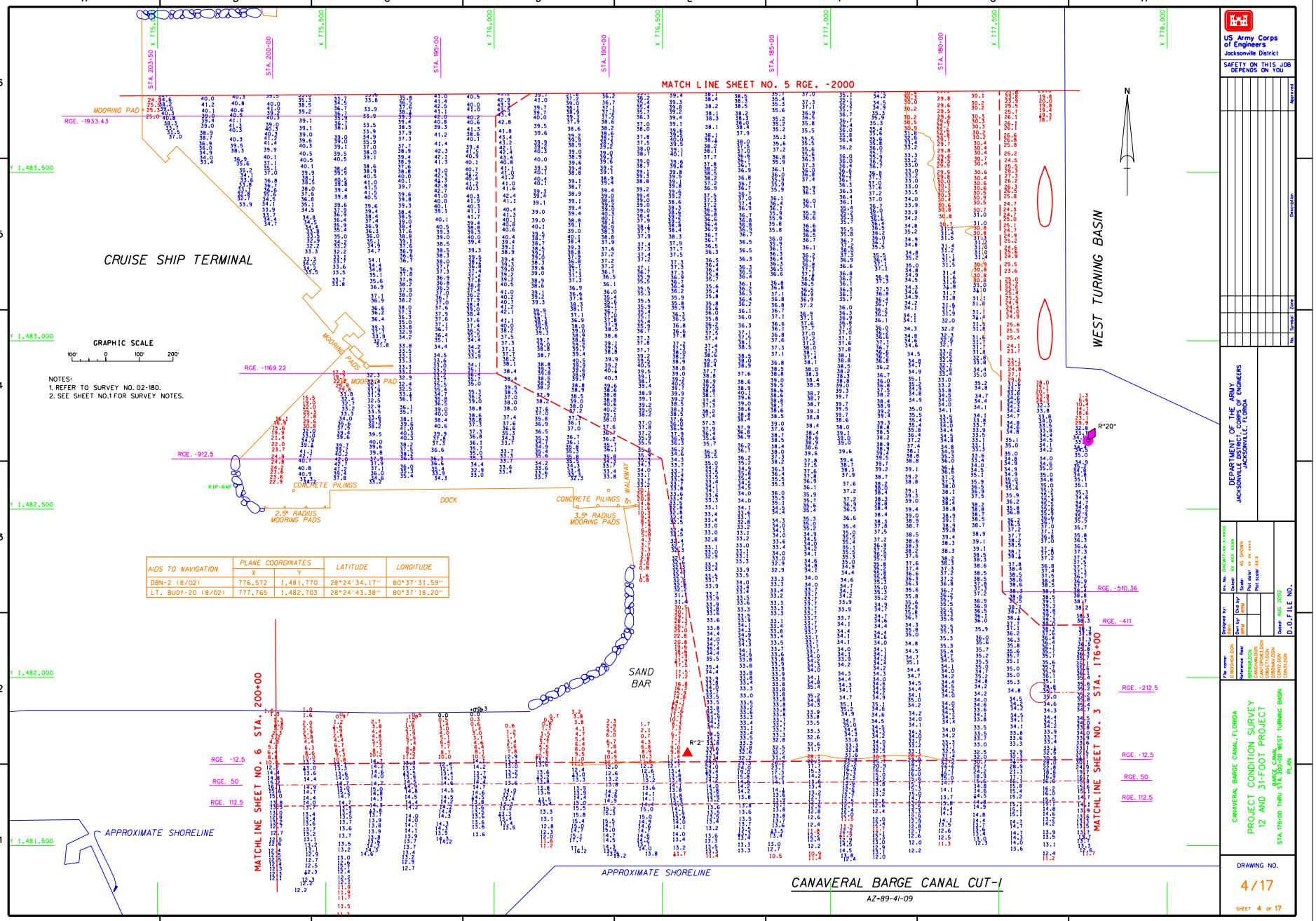

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-2 (8/02)	776,572	1,481,770	28°24'34.17"	80°37'31.59"
LT. BUOY-20 (8/02)	777,765	1,482,703	28°24'43.38"	80°37'18.20"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Revised

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

Designed by: BBB
Dwn by: JMW
Chd by: JMW
Scale: AS SHOWN
Date: AUG 2002
D.O.F FILE NO.

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
STA. 176+00 THRU STA. 200+00 WEST TURNING BASIN
PLAN

DRAWING NO.
4/17
SHEET 4 OF 17

CANAVERAL BARGE CANAL CUT-I
AZ-89-41-09

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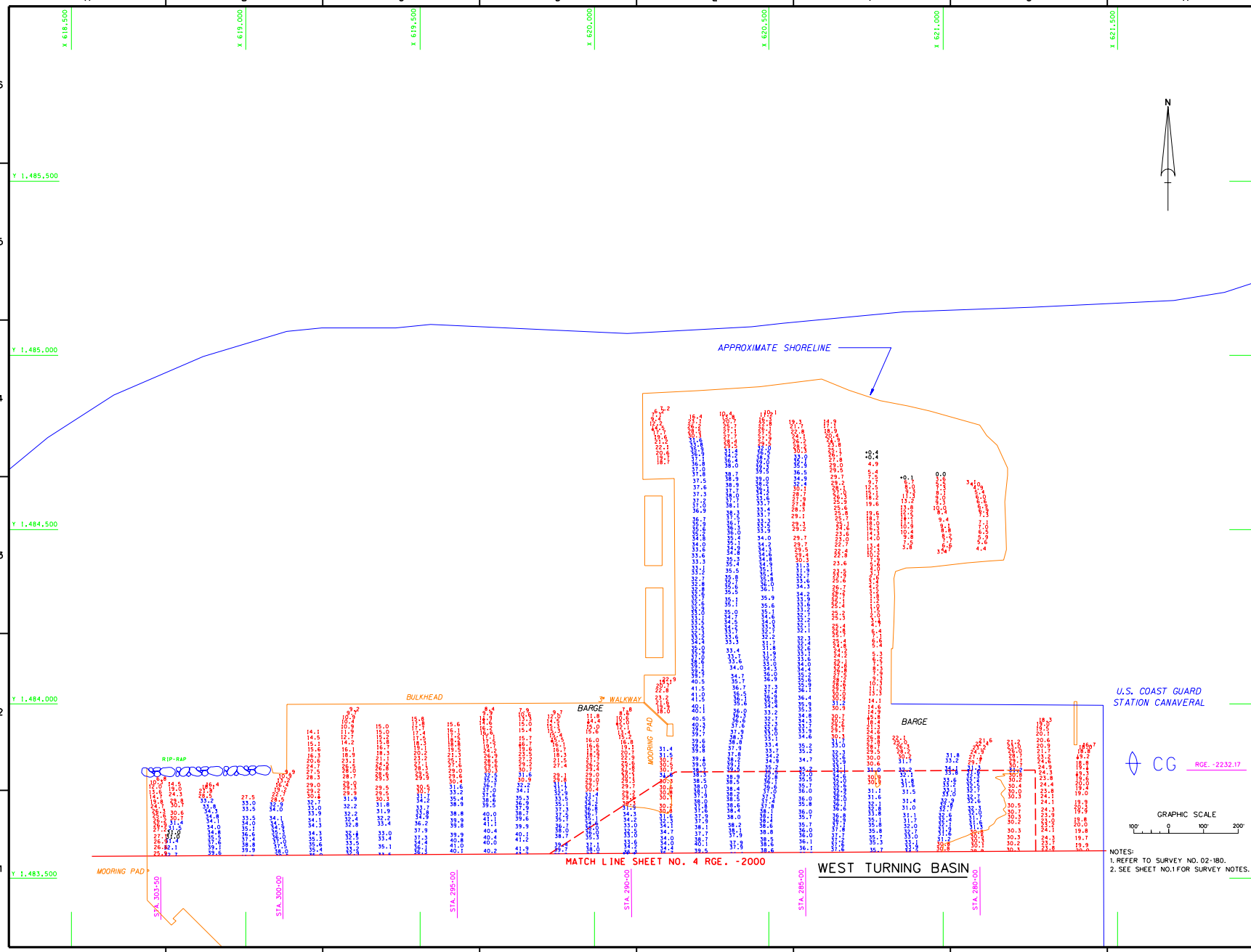

NOTES:
1. REFER TO SURVEY NO. 02-180.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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: MRM
Ckd by: MRM
Ins. No. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX
Dated: AUG 2002
D.O. FILE NO.

File name: D180SH17.DGN
Reference files: BRDR98.DGN CANTOP08.DGN CANCHAN.DGN DIRECT.DGN CONST.DGN

CANAVERAL HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
STA. 246+00 THRU STA. 305+00 WEST ACCESS CH.
BARGE CANAL PLAN

DRAWING NO.
5/17
SHEET 5 OF 17

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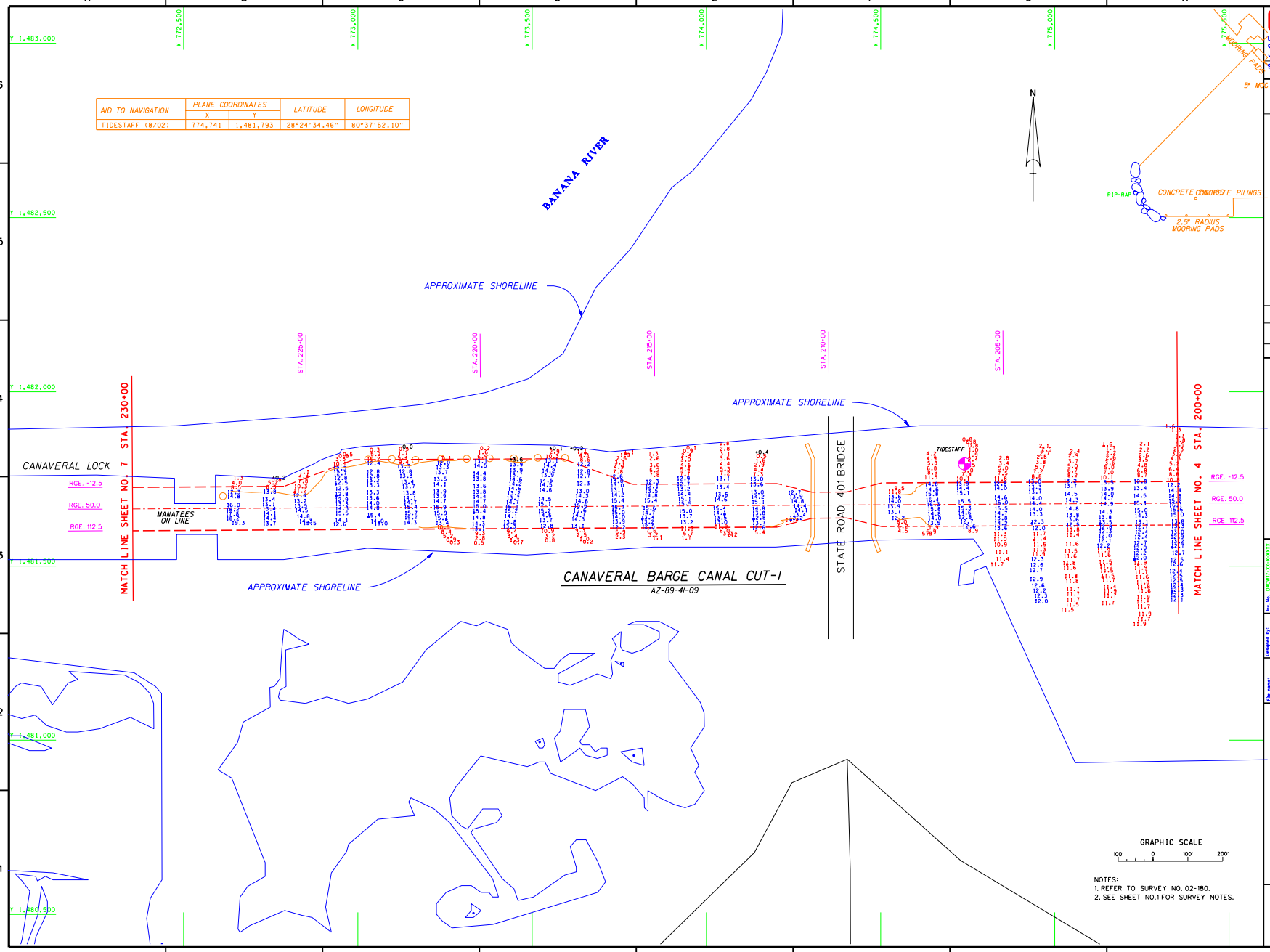
AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
TIDESTAFF (8/02)	774,741	1,481,793	28°24'34.46"	80°37'52.10"



CANAVERAL BARGE CANAL CUT-1

AZ-89-41-09

NOTES:
1. REFER TO SURVEY NO. 02-180.
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. DAPITI XX X XXXX
Date: UX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: DRB
Drawn by: DMB
Chd by: DMB

Date: AUG 2002
D.O.F.ILE NO.

File name: CANCUT.DGN
Reference files: BRDPIER.DGN
CANTOPOB3.DGN
CANCHNL.DGN
CONCRETE.DGN
OSBONAV.DGN
CONTZ.DGN

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA. 200+00 THRU STA. 230+00 CUT-1
PLAN

DRAWING NO.
6/17

SHEET 6 OF 17

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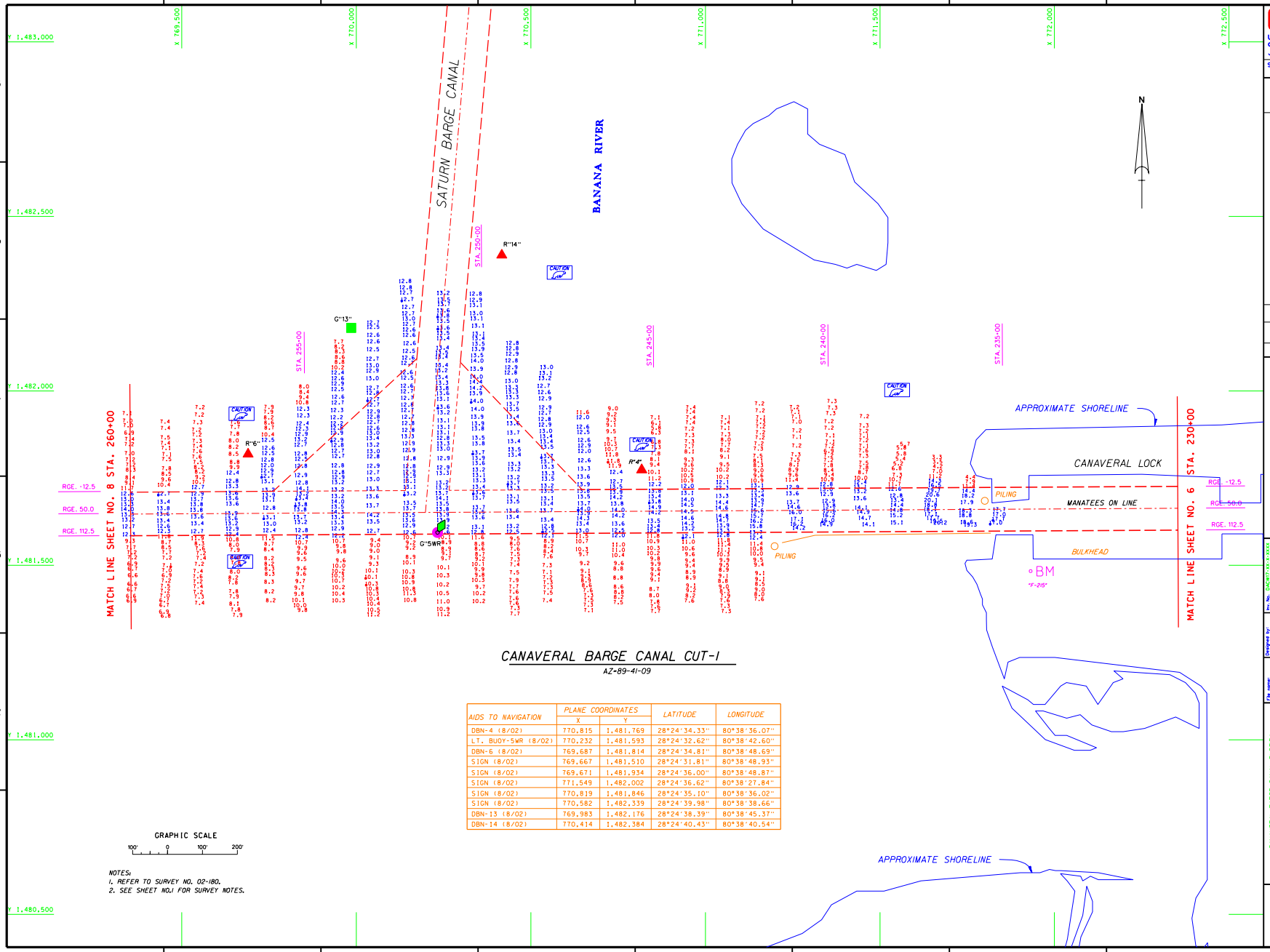

CANAVERAL BARGE CANAL CUT-I

AZ-89-41-09

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-4 (8/02)	770,815	1,481,769	28°24'34.33"	80°38'36.07"
LT. BUOY-5WR (8/02)	770,232	1,481,593	28°24'32.62"	80°38'42.60"
DBN-6 (8/02)	769,687	1,481,814	28°24'34.81"	80°38'48.69"
SIGN (8/02)	769,667	1,481,510	28°24'31.81"	80°38'48.93"
SIGN (8/02)	769,671	1,481,934	28°24'36.00"	80°38'48.87"
SIGN (8/02)	771,549	1,482,002	28°24'36.62"	80°38'27.84"
SIGN (8/02)	770,819	1,481,846	28°24'35.10"	80°38'36.02"
SIGN (8/02)	770,582	1,482,339	28°24'39.98"	80°38'38.66"
DBN-13 (8/02)	769,983	1,482,176	28°24'38.39"	80°38'45.37"
DBN-14 (8/02)	770,414	1,482,384	28°24'40.43"	80°38'40.54"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 02-180.
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: XX-XX-XXXX
Date: XX XXXX XXXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: DRW
Drawn by: DRW
Chd by: DRW

Sched: AUG 2002
D.O.F.ILE NO.

File name: CANAVERAL.DGN
Reference files: BBGRID.DGN
CANTOPO05.DGN
CANTOPO06.DGN
DIRECTI.DGN
DISONAV.DGN
CORZ2.DGN

CANAVERAL BARGE CANAL, FLORIDA

PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT

BARGE CANAL
STA 230+00 THRU STA 260+00 CUT-I
PLAN

DRAWING NO.
7/17

SHEET 7 OF 17

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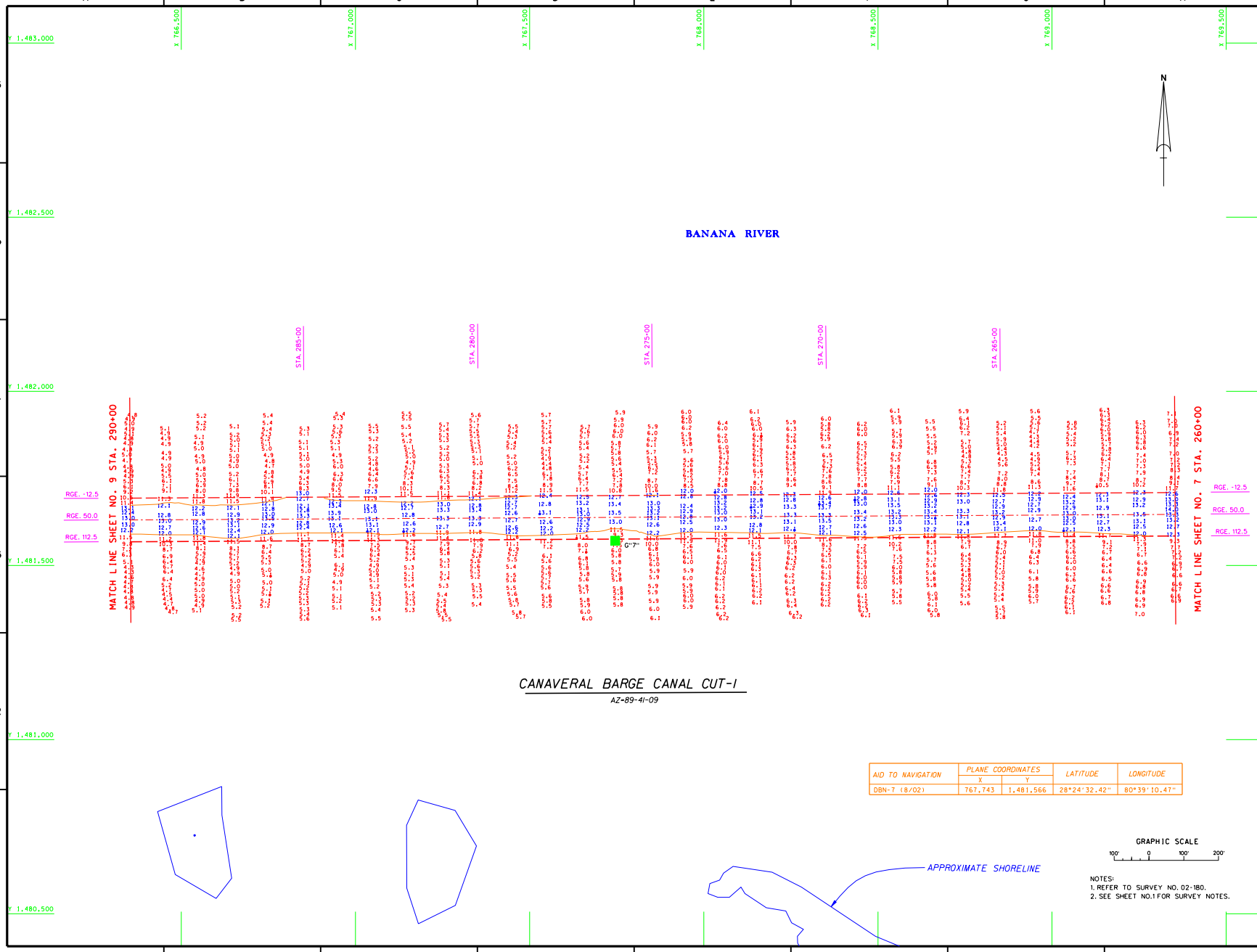

CANAVERAL BARGE CANAL CUT-1

AZ-89-41-09

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-7 (8/02)	767,743	1,481,566	28°24'32.42"	80°39'10.47"

NOTES:
1. REFER TO SURVEY NO. 02-180.
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: WRJ
Ckd by: WRJ
Inv. No.
Dated:
Scale:
Plot date:
Plot scale:

Date: AUG 2002
D.O. FILE NO.

File name: D180SH07.DGN
Reference Files: D180SH07.DGN CANCHAN.DGN CANTOPO8.DGN DISCKT.DGN DBDNAV.DGN CONTZ.DGN

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA. 260+00 THRU STA. 290+00 CUT-1
PLAN

DRAWING NO.
8/17

SHEET 8 OF 17

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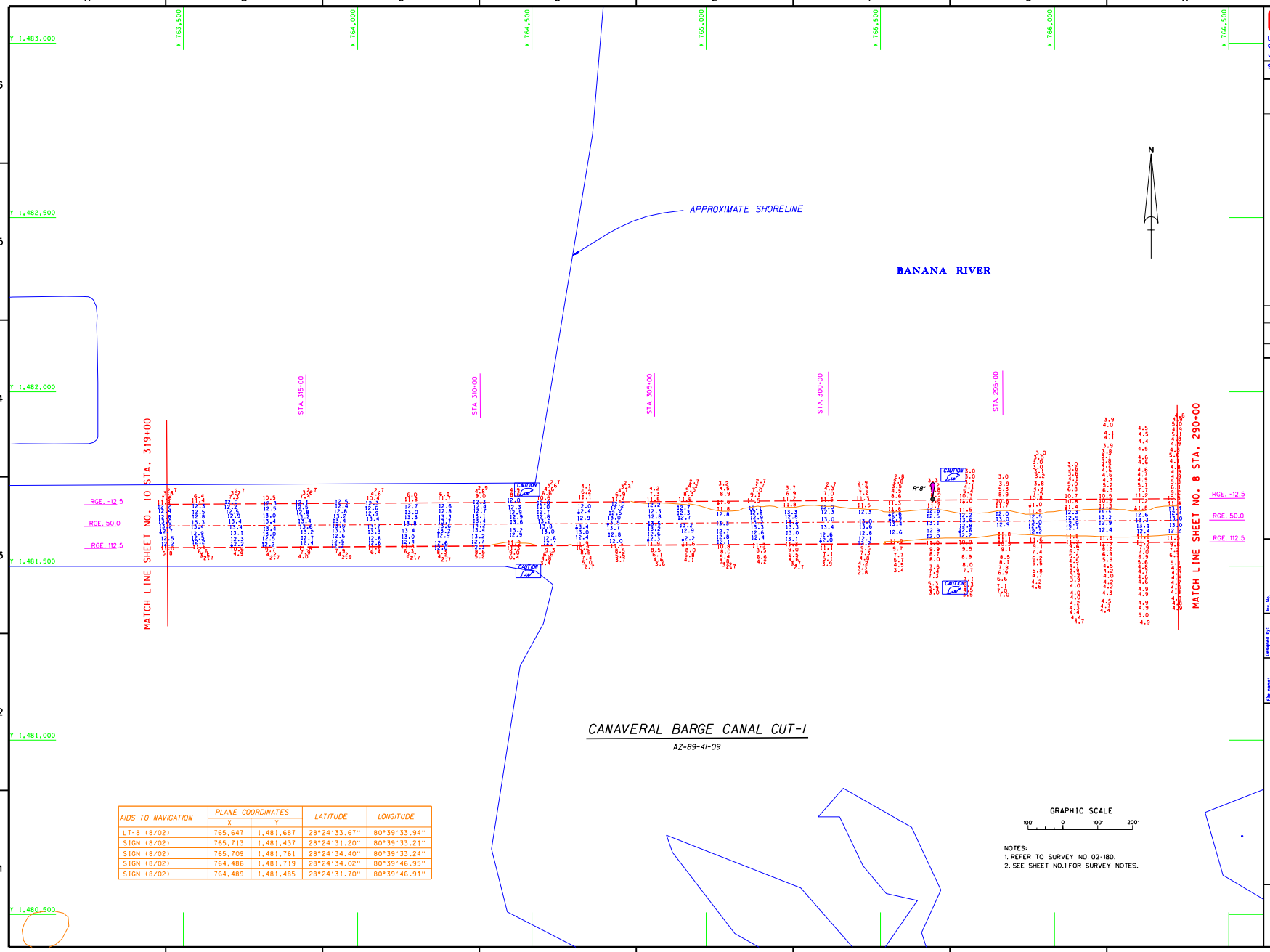

AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT-8 (8/02)	765,647	1,481,687	28°24'33.67"	80°39'33.94"
SIGN (8/02)	765,713	1,481,437	28°24'31.20"	80°39'33.21"
SIGN (8/02)	765,709	1,481,761	28°24'34.40"	80°39'33.24"
SIGN (8/02)	764,486	1,481,719	28°24'34.02"	80°39'46.95"
SIGN (8/02)	764,489	1,481,485	28°24'31.70"	80°39'46.91"

NOTES:
1. REFER TO SURVEY NO. 02-180.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

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

Designed by: CDK
Dwn by: JWB
Ckd by: JWB

Dsned: AUG 2002
D.O.F.FILE NO.

File name: D180PCS\d180sh09.dgn
Reference files: BASEMAP.DGN CANCHAN.DGN CANCUT.DGN DREDGE.DGN EXISTING.DGN CONTZ.DGN

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA. 290+00 THRU STA. 320+00 CUT-1
PLAN

DRAWING NO.
9/17

SHEET 9 OF 17

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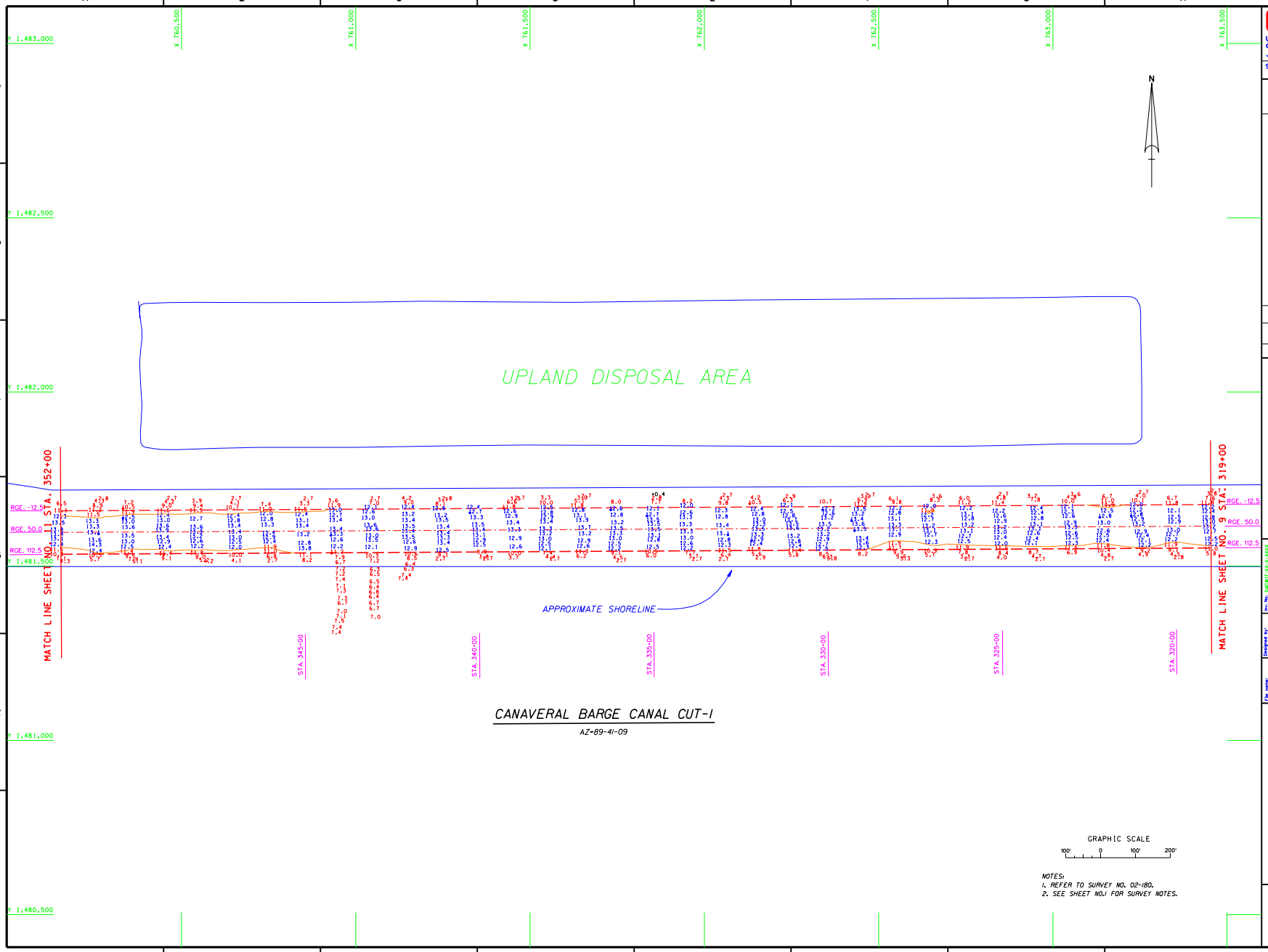

CANAVERAL BARGE CANAL CUT-1

AZ-89-41-09

NOTES:
1. REFER TO SURVEY NO. 02-180.
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
Dwg. No. XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: RWH
Dwn by: WRU
Ckd by: WRU
Date: AUG 2002
D.O.FILE NO.

File name: D180SH09.DGN
Reference files: BR0R98.DGN CANCHAN.DGN CANTOP083.DGN D180CT1.DGN CONV2.DGN

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA. 319+00 THRU STA. 352+00 CUT-1
PLAN

DRAWING NO.
10/17
SHEET 10 OF 17

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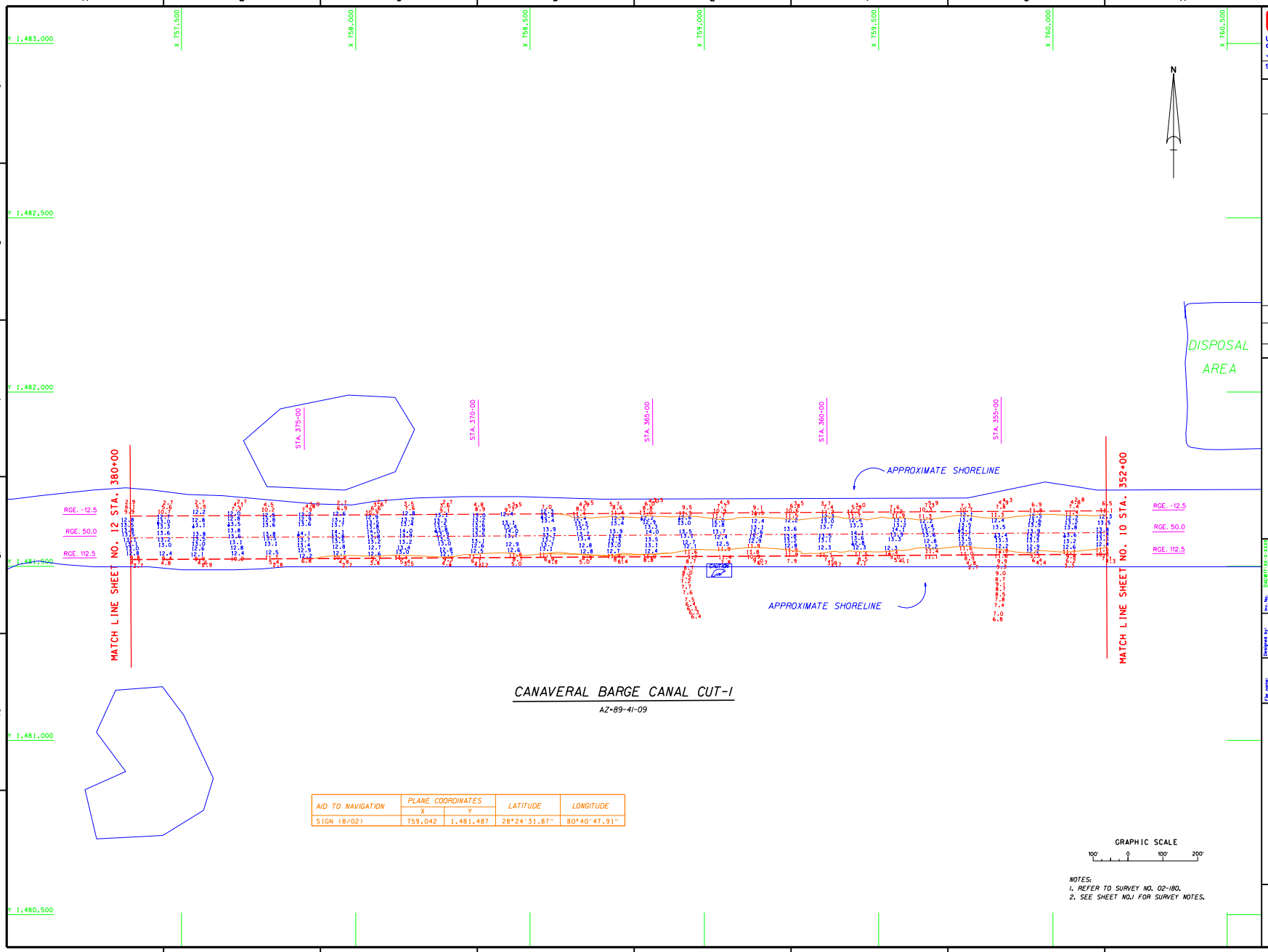

CANAVERAL BARGE CANAL CUT-1

AZ=89-41-09

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (8/02)	759,042	1,481,487	28°24'31.87"	80°40'47.91"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 02-180.
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: WRJ
Ckd by: WRJ
Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX
Dated: AUG 2002
D.O.FILE NO.

File name: D180SH10.DGN
Reference files: BIGRIB8.DGN CANTGP083.DGN CANCHAN.DGN DIBOCT1.DGN DIBOHAV.DGN CONV2.DGN

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA. 352+00 THRU 380+00 CUT-1
PLAN

DRAWING NO.
11/17

SHEET 11 OF 17

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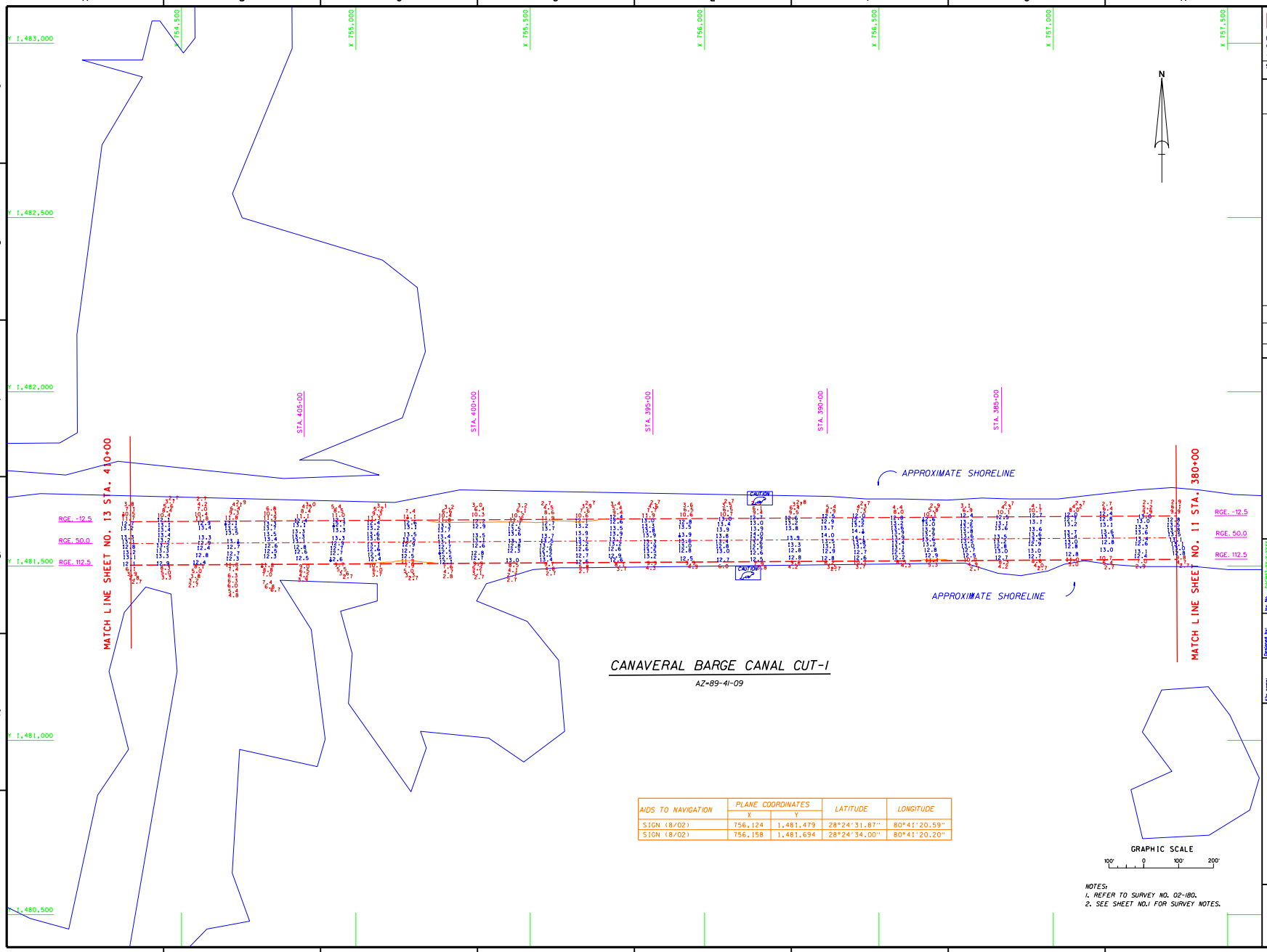

CANAVERAL BARGE CANAL CUT-1

AZ-89-41-09

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (8/02)	756,124	1,481,479	28°24'31.87"	80°41'20.59"
SIGN (8/02)	756,158	1,481,694	28°24'34.00"	80°41'20.20"

NOTES:
1. REFER TO SURVEY NO. 02-180.
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. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Dated: AUG 2002
D.O.FILE NO.

File name: D180SH12.DGN
Reference files: BRRR98.DGN CANCHAN.DGN CANTOP98.DGN DIBOCT1.DGN DIBONAV.DGN CONZ2.DGN

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA. 380+00 THRU STA. 410+00 CUT-1
PLAN

DRAWING NO.
12/17
SHEET 12 OF 17

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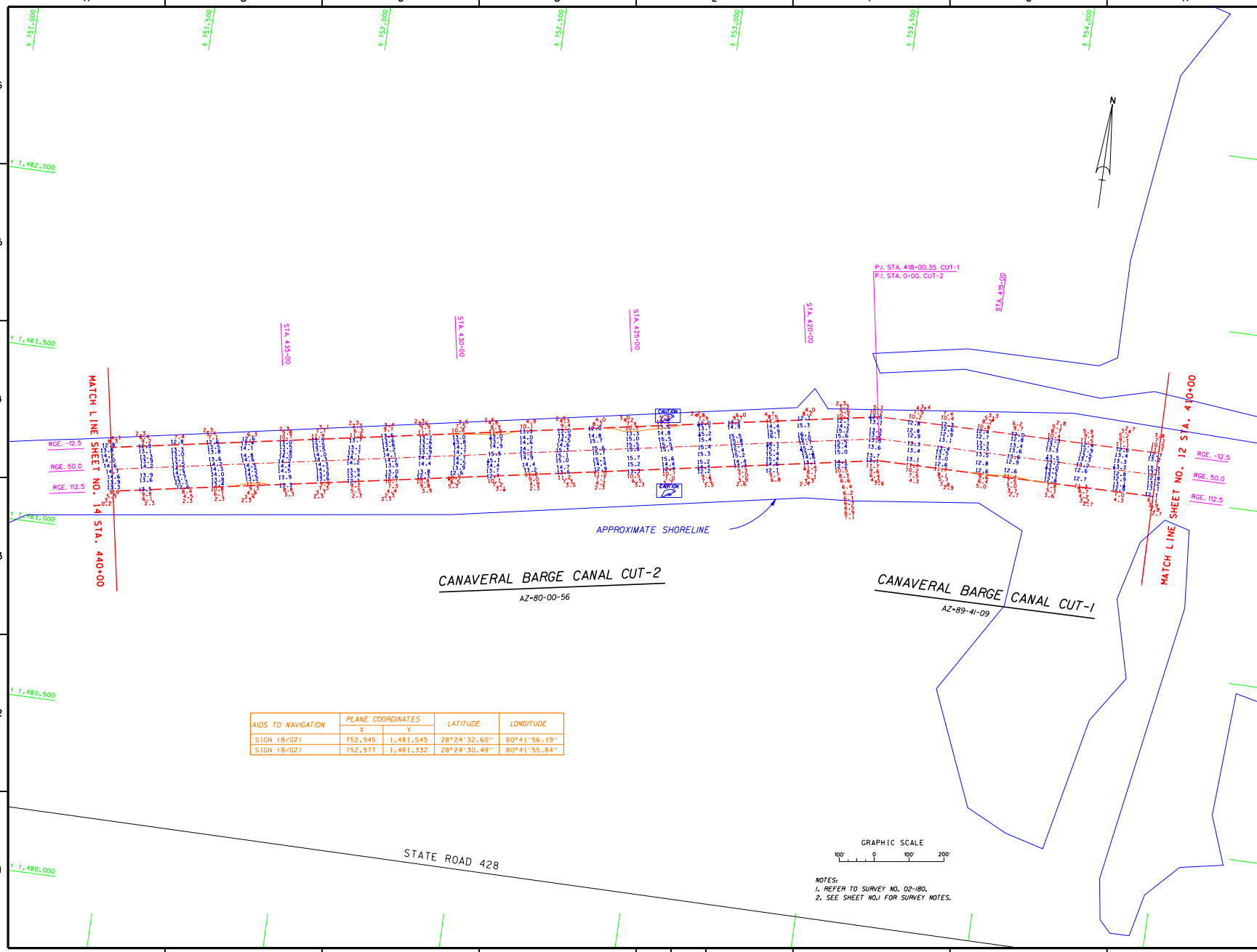


AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (8/02)	752.945	1,481.545	28°24'32.60"	80°41'56.19"
SIGN (8/02)	752.977	1,481.332	28°24'30.49"	80°41'55.84"

NOTES:
1. REFER TO SURVEY NO. 02-180.
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
Design XX XXX XXXX
Scale: AS SHOWN
Plot date: X-X-XXXX
Plot scale: XX:X
Designed by JRW
Dwn by JRW
Ckd by JRW
Date AUG 2002
D.O.FILE NO.

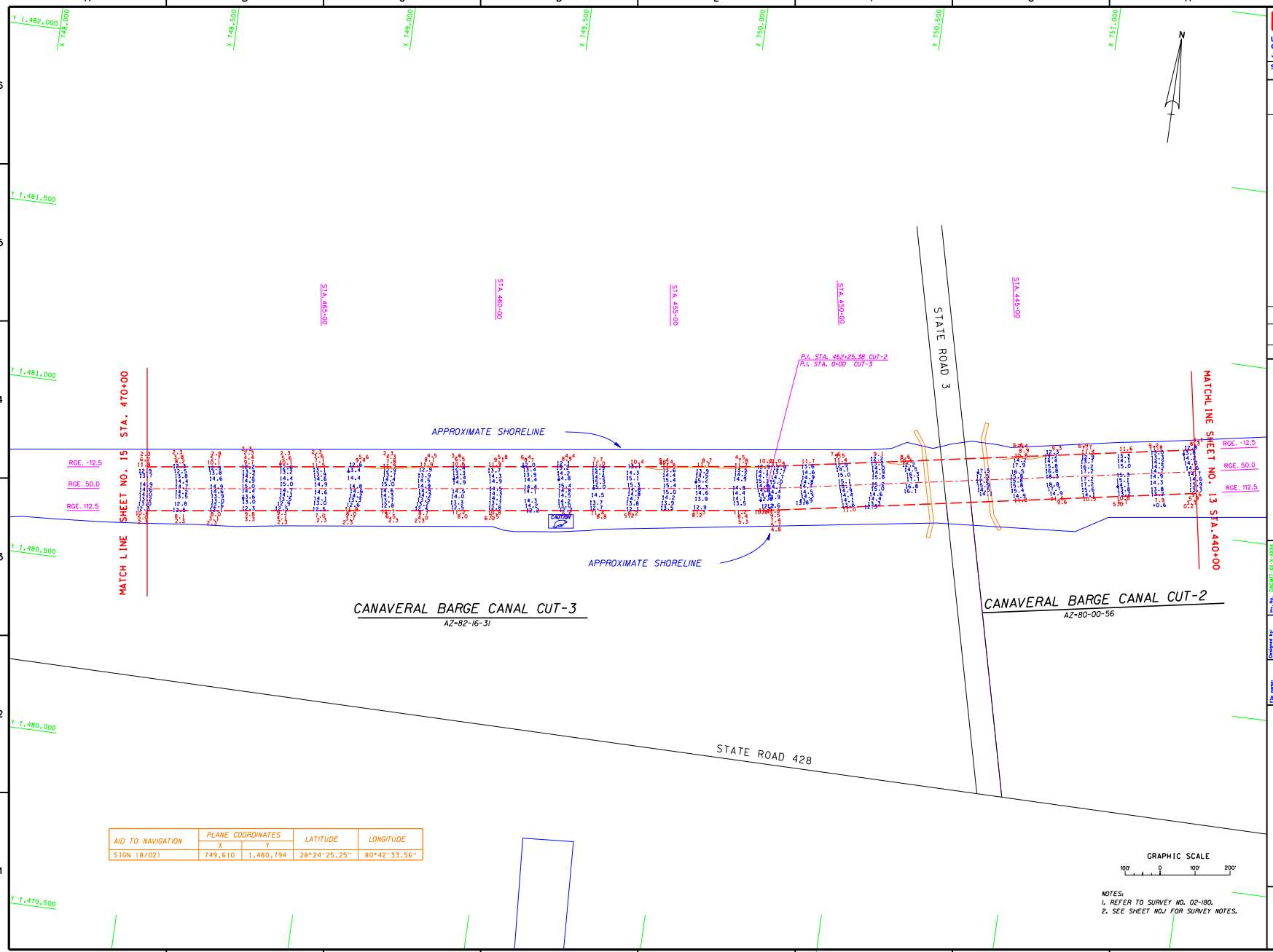
File name: D180SH13.DGN
Reference files: BASEMAP.DGN CONTOURS.DGN CANCHAN.DGN CONCUT.DGN DIRECT1.DGN DIRCHAN.DGN CONS2.DGN

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA.410+00 CUT-1 THRU STA. 440+00 CUT-2
PLAN

DRAWING NO.
13/17

SHEET 13 OF 17

...\D180PCS\d180sh13.dgn 09/27/2002 03:23:36 PM



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (8/02)	749,610	1,480,794	28°24'25.25"	80°42'33.56"

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Dwg. No. SAJ-97-XX-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: KWH
Dwn by: KWH
Ckd by: KWH

Dated: AUG 2002
D.O.F.ILE NO.

File name: D180SH13.DGN

Reference files:
BRIDGE.DGN
CANCHAN.DGN
D180CT1.DGN
D180CT2.DGN
D180CT3.DGN
D180AU.DGN
CONE2.DGN

CANAVERAL BARGE CANAL, FLORIDA

PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT

BARGE CANAL
STA. 440+00 CUT-2 THRU STA. 470+00 CUT-3
PLAN

DRAWING NO.
14/17

SHEET 14 OF 17

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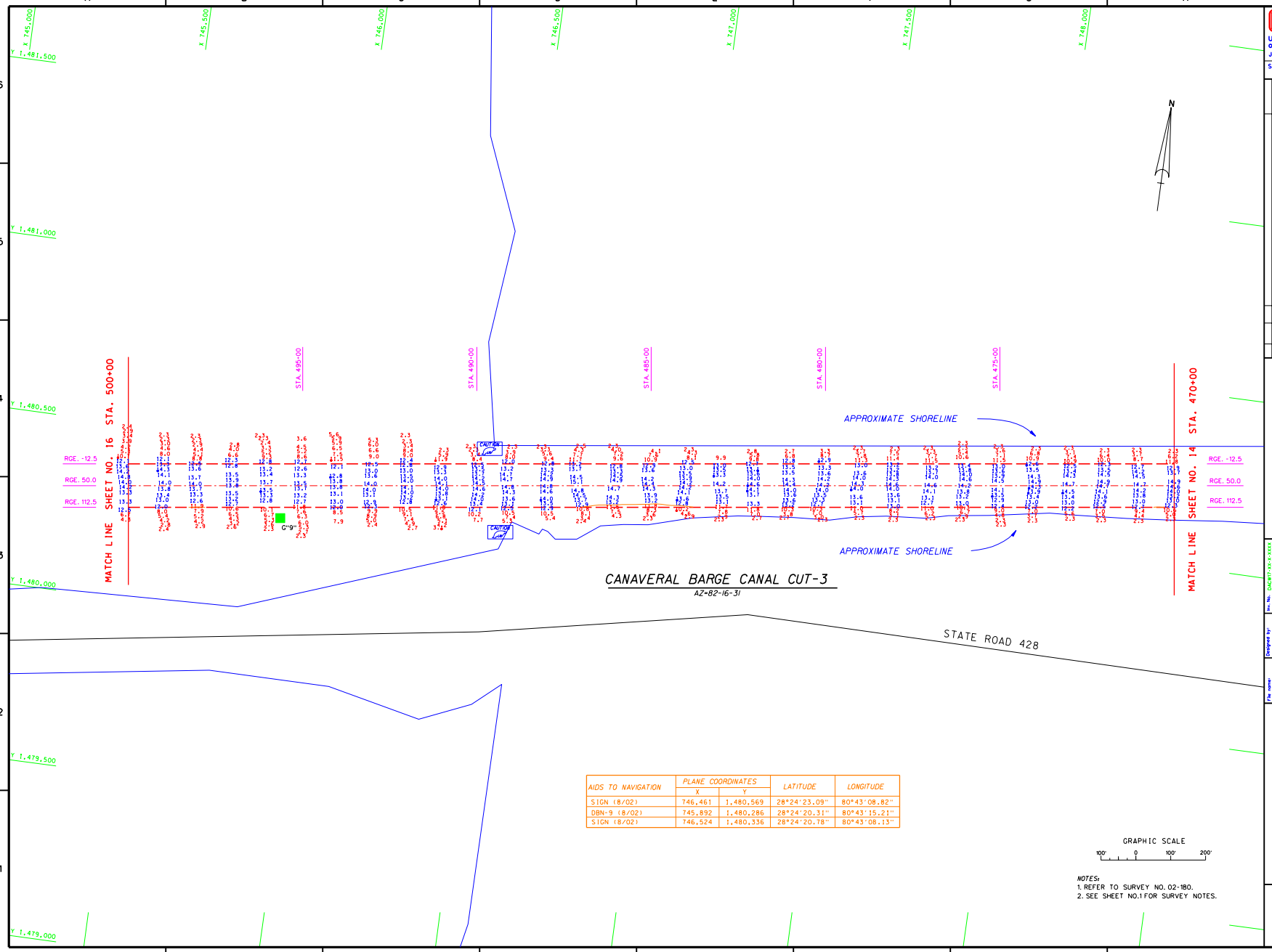

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (8/02)	746,461	1,480,569	28°24'23.09"	80°43'08.82"
DBN-9 (8/02)	745,892	1,480,286	28°24'20.31"	80°43'15.21"
SIGN (8/02)	746,524	1,480,336	28°24'20.78"	80°43'08.13"

NOTES:
1. REFER TO SURVEY NO. 02-180.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Dwg. No. DACW17-XX-X-XXXX
Contract XX-X-XXXXX
Scale: 1" = 50'
Plot date: XX-XX-XXXX
Plot scale: XXXX

Designed by: BBH
Drawn by: JMW
Chk by: JMW
Dated: AUG. 2002
D.O.F.ILE NO.

File name: CANAVERAL.DGN
Reference files: BROPSR.DGN
CANTOPOB3.DGN
CANCHAN.DGN
CANCUT.DGN
GTBENAV.DGN
CONTZ.DGN

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA 470+00 THRU STA. 500+00 CUT-3
PLAN

DRAWING NO.
15/17

SHEET 15 OF 17

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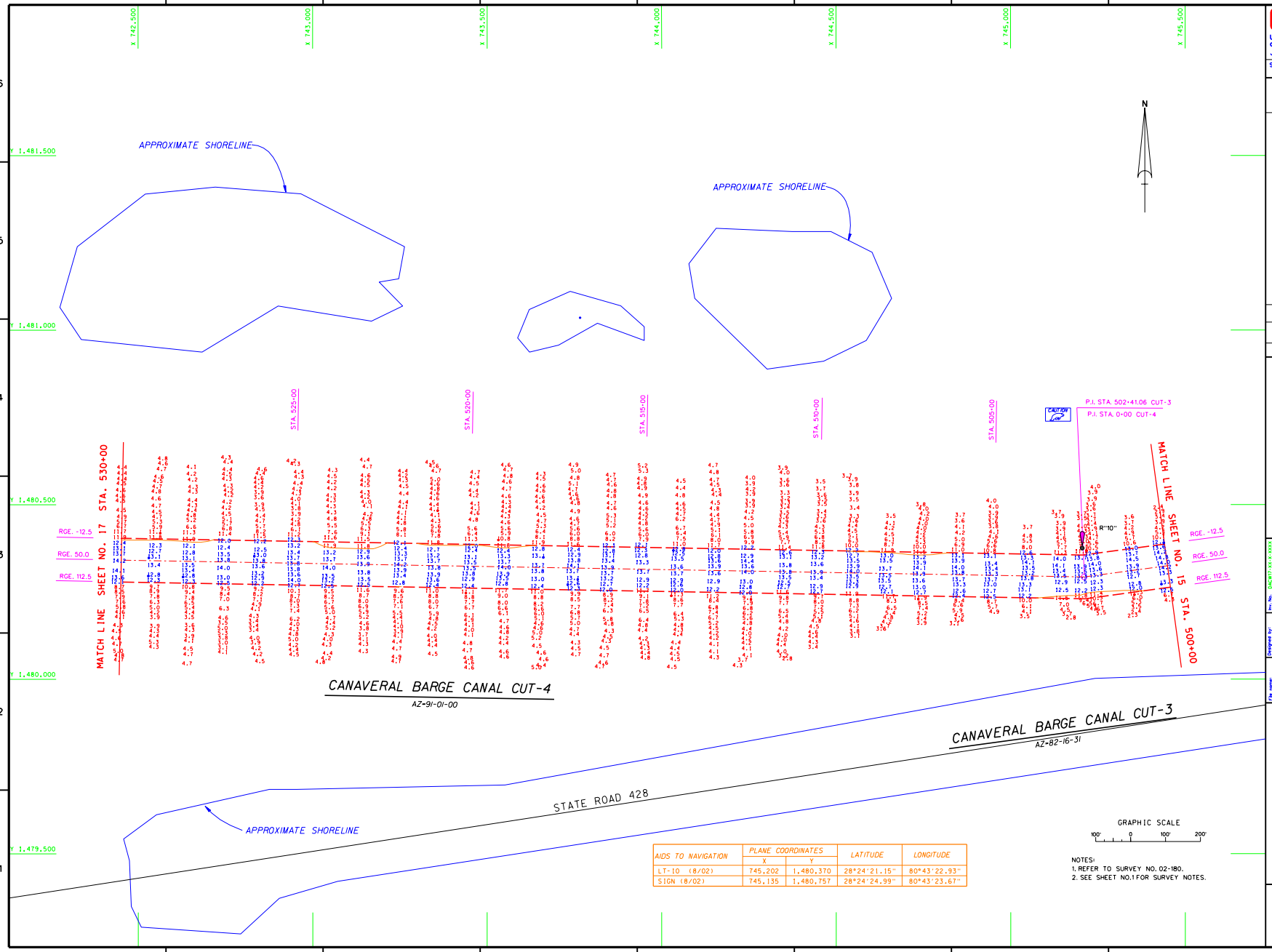

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-10 (8/02)	745,202	1,480,370	28°24'21.15"	80°43'22.93"
SIGN (8/02)	745,135	1,480,757	28°24'24.99"	80°43'23.67"

NOTES:
1. REFER TO SURVEY NO. 02-180.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Dwg. No. DACW17-01-C-XXXX
Sol. No. W912CF-XXXX
Scale: AS SHOWN
Plot date: XX JUL XXXX
Plot scale: XXXX

Designed by: BRB
Dwn by: JRB
Ckd by: BRB
Dated: AUG 2002
D.O.F.I.L.E. NO.

File name: CANCHAN.DGN
Reference files: BRDRSHL.DGN CANCHAN.DGN CANTTPCN3.DGN CANTTPCN4.DGN DBBCT4.DGN DBBCM4.DGN CNTWRK.DGN

CANAVERAL BARGE CANAL, FLORIDA
PROJECT CONDITION SURVEY
12 AND 31-FOOT PROJECT
BARGE CANAL
STA. 500+00 CUT-3 THRU STA. 530+00 CUT-4
PLAN

DRAWING NO.
16/17

SHEET 16 OF 17

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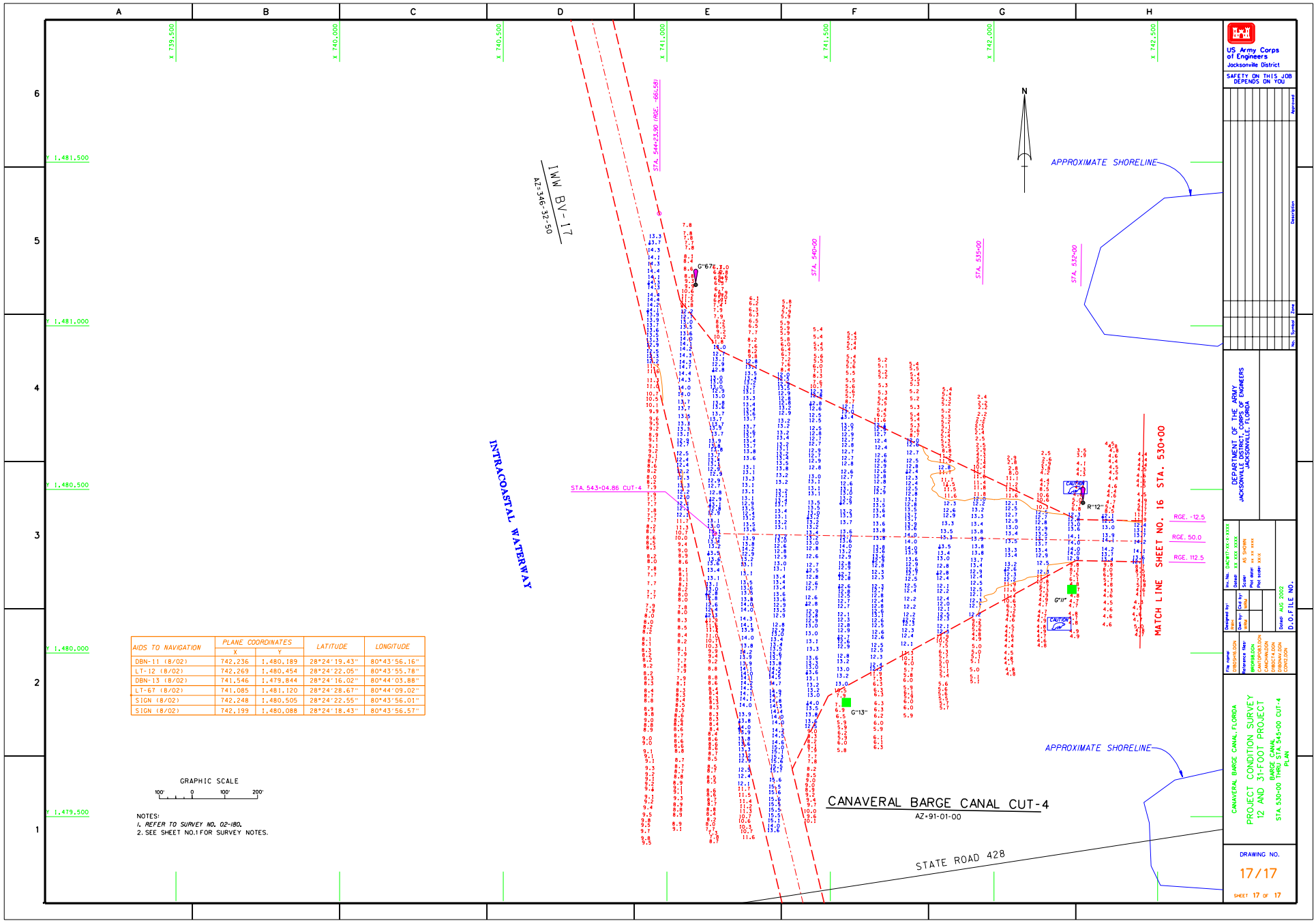

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-11 (8/02)	742,236	1,480,189	28°24'19.43"	80°43'56.16"
LT-12 (8/02)	742,269	1,480,454	28°24'22.05"	80°43'55.78"
DBN-13 (8/02)	741,546	1,479,844	28°24'16.02"	80°44'03.88"
LT-67 (8/02)	741,085	1,481,120	28°24'28.67"	80°44'09.02"
SIGN (8/02)	742,248	1,480,505	28°24'22.55"	80°43'56.01"
SIGN (8/02)	742,199	1,480,088	28°24'18.43"	80°43'56.57"

NOTES:
1. REFER TO SURVEY NO. 02-180.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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