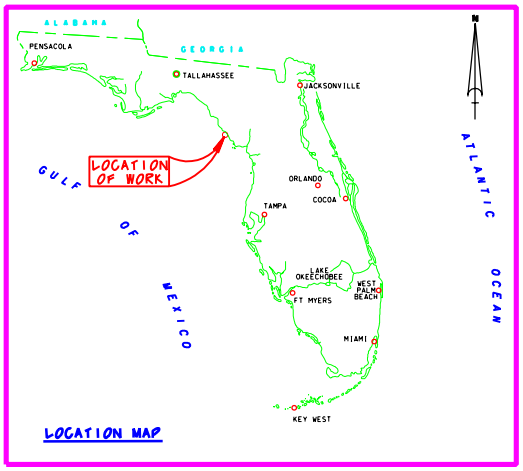
CEDAR ISLAND/KEATON BEACH
TAYLOR COUNTY, FLORIDA
PROJECT CONDITION SURVEY



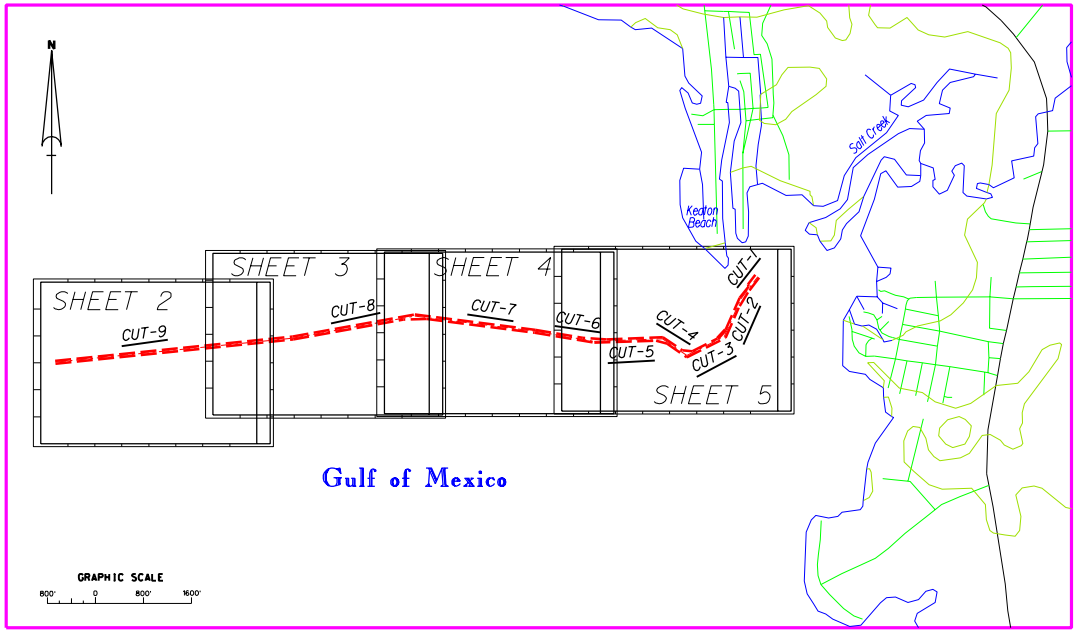
LOCATION MAP

SURVEY NOTES:

1. REFER TO SURVEY NO. 01-163.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOW WATER (MLW) WHICH IS 1.60 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET ON A WOODEN PILING IN THE VICINITY OF AND REFERENCED FROM BENCHMARK "KEATON".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE NORTH 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 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.

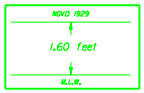
VESSEL	DATE OF SURVEY	CUT
WB-32	02 AUG 2001	CUTS 1-9

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 QUALITY CONTROL STANDARDS AND FIELD EQUIPMENT CALIBRATIONS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH EM 1110-2-1003 FOR CLASS I HYDROGRAPHIC SURVEYS.



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

BENCHMARK	NGVD ELEV. (FT)
KEATON 1933	4.1030



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. DACW17-XX-X-XXXX
Design XX XXX XXXX
Scale AS SHOWN
Plot date XX XX XXXX
Plot scale XX:X

Designed by
Dwg by
Det by
Chk by
Date AUG 2001
D.O.F.ILE NO.

File name C163PCS1.DGN
Reference files
GRIDRES.DGN
KEATCHBL.DGN
KEATCOND.DGN
KEATTOPO.DGN
KEWFLAMP.DGN

CEDAR ISLAND/KEATON BEACH, FLORIDA
PROJECT CONDITION SURVEY
4-FOOT PROJECT
INDEX, LOCATION AND VICINITY PLAN

DRAWING NO.
1/5

SHEET 1 OF 5

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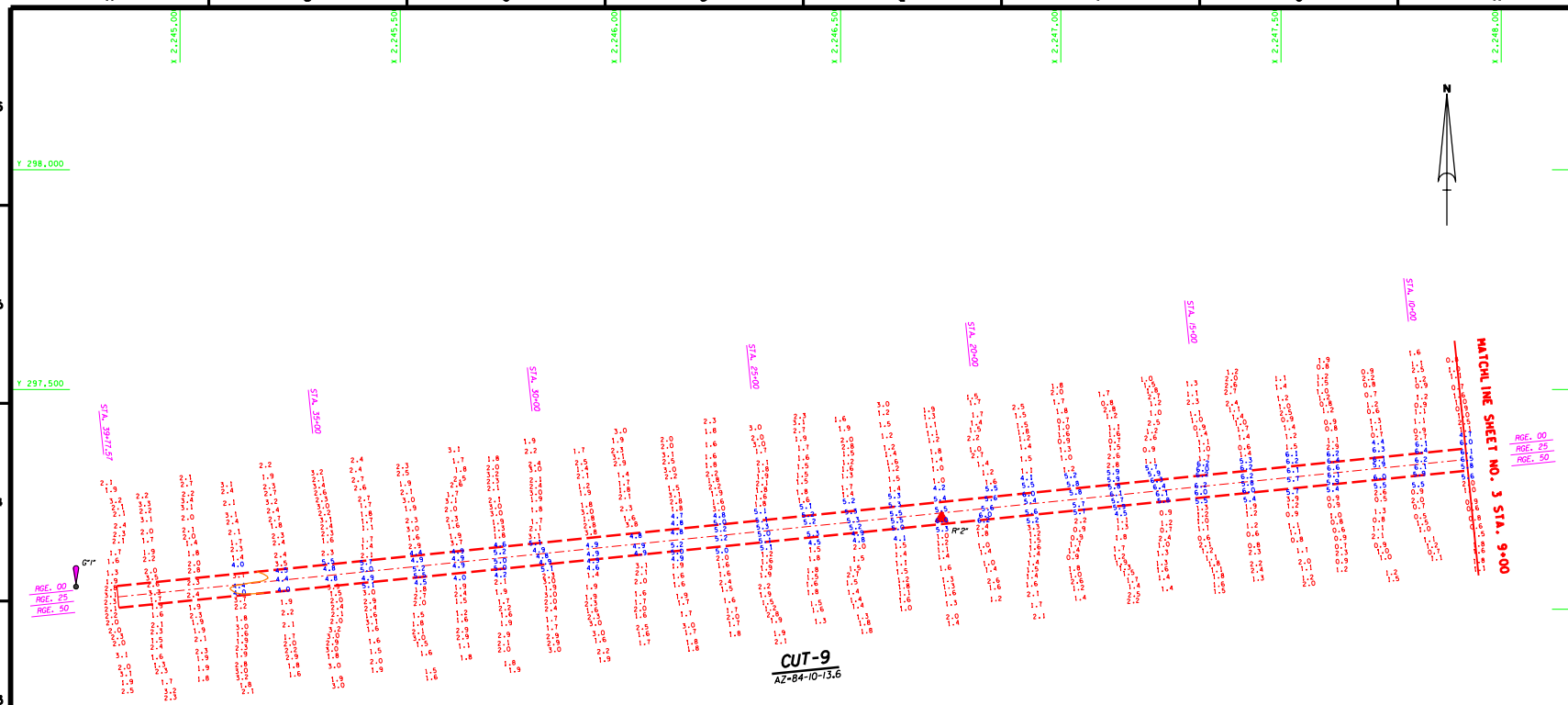

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (8/01)	2,244,761	297,047	29°48'50.03"	83°37'43.93"
DBN-2 (8/01)	2,246,727	297,203	29°48'51.43"	83°37'21.61"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 01-163.
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-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: Bldg
Dwn by: Bldg
Chkd by: Bldg

Date: AUG 2001
D.O.F.ILE NO.

File name: C163PC02.DGN
Reference files: GRIDPOS.DGN, CLEATCH3.DGN, CLEATCH2.DGN, C163AV.DGN, C163CON.DGN

CEDAR ISLAND/KEATON BEACH, FLORIDA
PROJECT CONDITION SURVEY
4-FOOT PROJECT
STA. 9+00 THRU STA. 39+77.57 CUT-9
PLAN

DRAWING NO.
2/5

SHEET 2 OF 5

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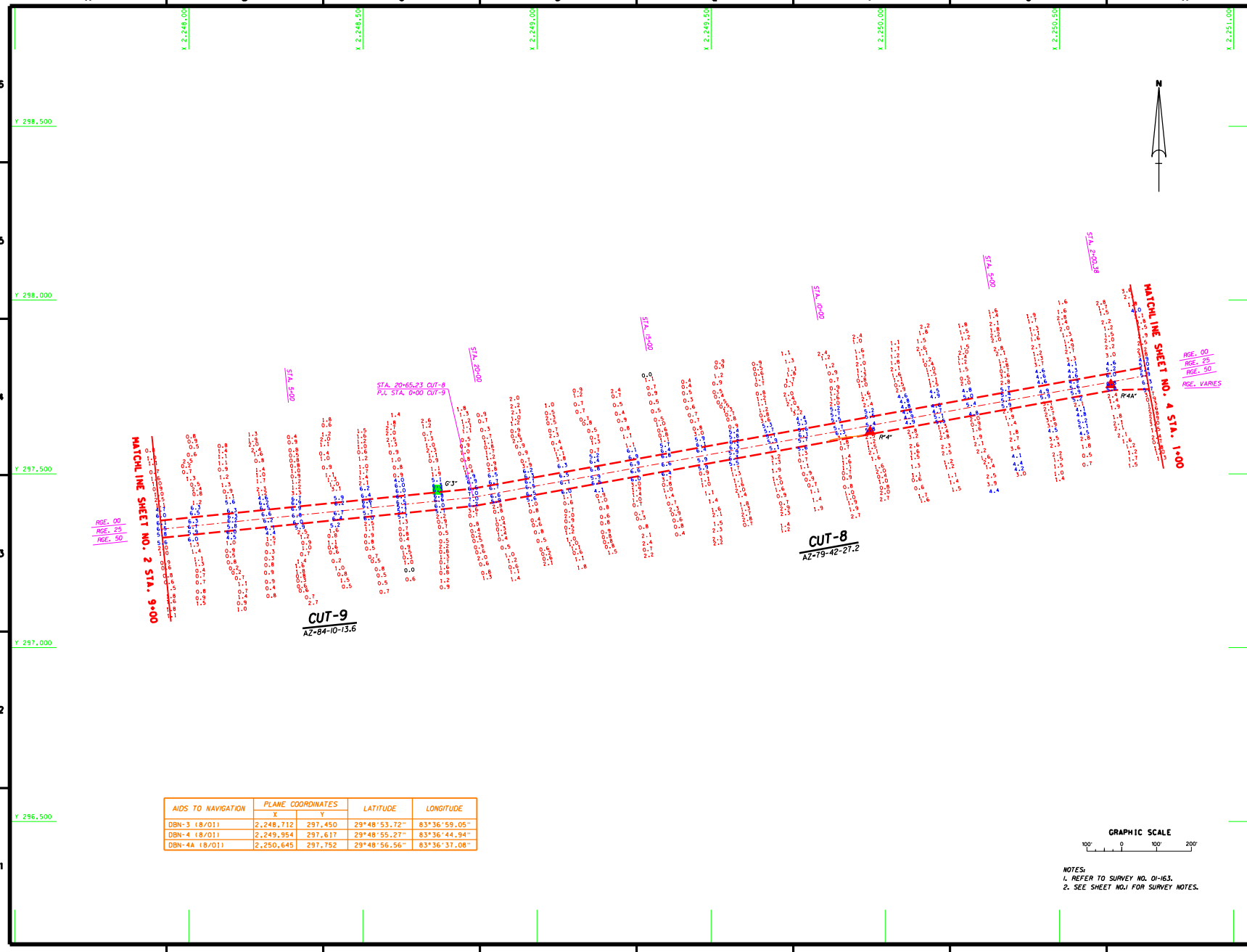

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-3 (8/01)	2,248,712	297,450	29°48'53.72"	83°36'59.05"
DBN-4 (8/01)	2,249,954	297,617	29°48'55.27"	83°36'44.94"
DBN-4A (8/01)	2,250,645	297,752	29°48'56.56"	83°36'37.08"

NOTES:
1. REFER TO SURVEY NO. 01-163.
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
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X
Designed by: Eng
Drawn by: Dft
Chkd by: Chief
Date: AUG 2001
O.O.FILE NO.

File name: C163SH03.DGN
Reference files: GRIDFIELD.DGN, CLEATCH3.DGN, C163SH01.DGN, C163CT9.DGN, C163CAV.DGN, C163CUN.DGN

CEDAR ISLAND/KEATON BEACH, FLORIDA
PROJECT CONDITION SURVEY
4-FOOT PROJECT
STA. 1+00 CUT-8 THRU STA. 9+00 CUT-9
PLAN

DRAWING NO.
3/5

SHEET 3 OF 5

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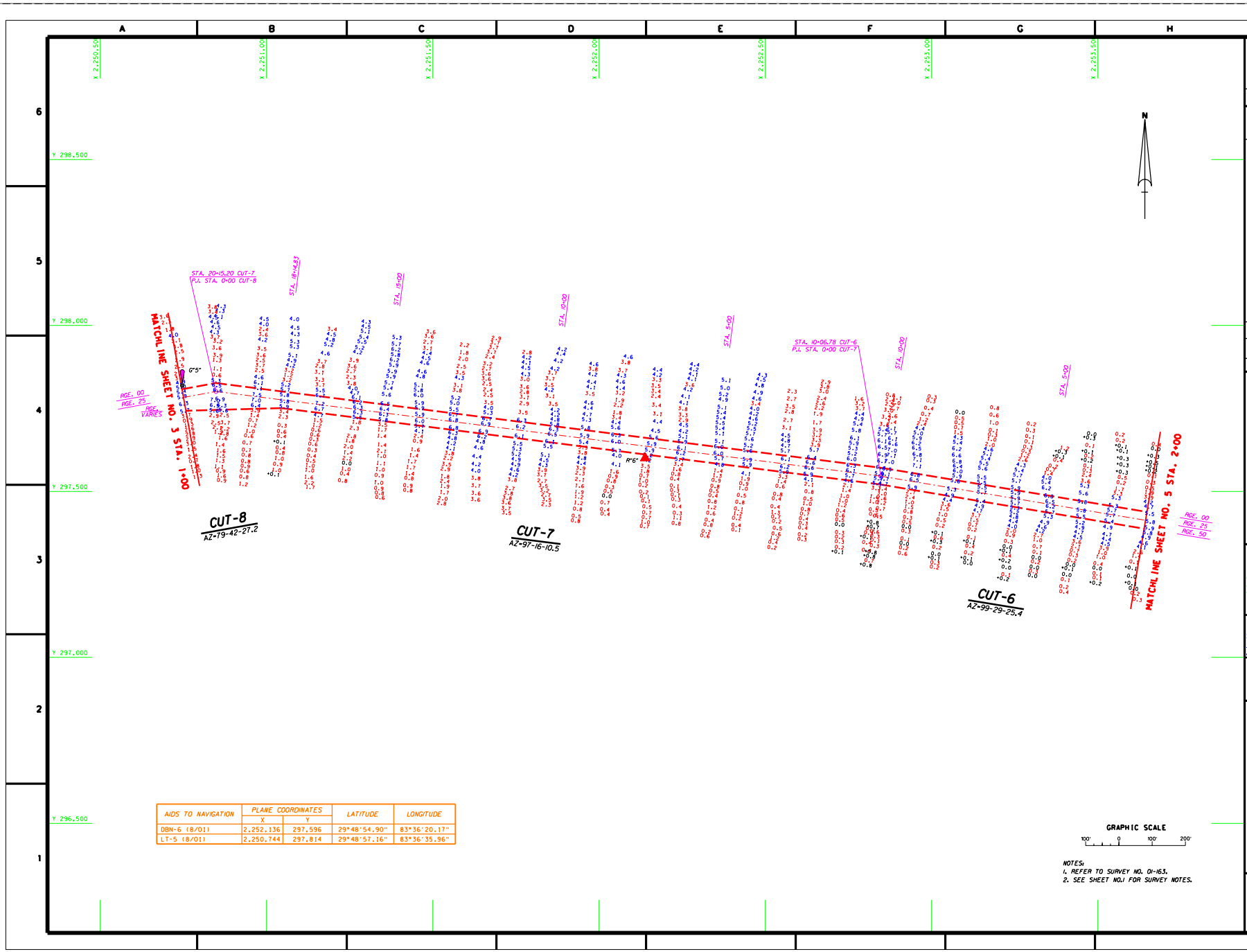

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-6 (8/01)	2,252,136	297,596	29°48'54.90"	83°36'20.17"
LT-5 (8/01)	2,250,744	297,814	29°48'57.16"	83°36'35.96"

NOTES:
1. REFER TO SURVEY NO. 01-163.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Date	Description	Approved

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

File No. DACW17-XX-X-XXXX
Design by Bldg
Dwn by
Chkd by
Chkd by
Date XX XXX XXXX
Scale AS SHOWN
Plot date XX XX XXXX
Plot scale XX:X
Date AUG 2001
O.O.FILE NO.

File name C163SH03.DGN
Reference files
GRIDFIBS.DGN
CLATCH6.DGN
C163SH01.DGN
C163SH02.DGN
C163SH04.DGN
C163SH05.DGN

CEDAR ISLAND/KEATON BEACH, FLORIDA
PROJECT CONDITION SURVEY
4-FOOT PROJECT
STA. 2+00 CUT-6 THRU STA. 1+00 CUT-8
PLAN

DRAWING NO.
4/5
SHEET 4 OF 5

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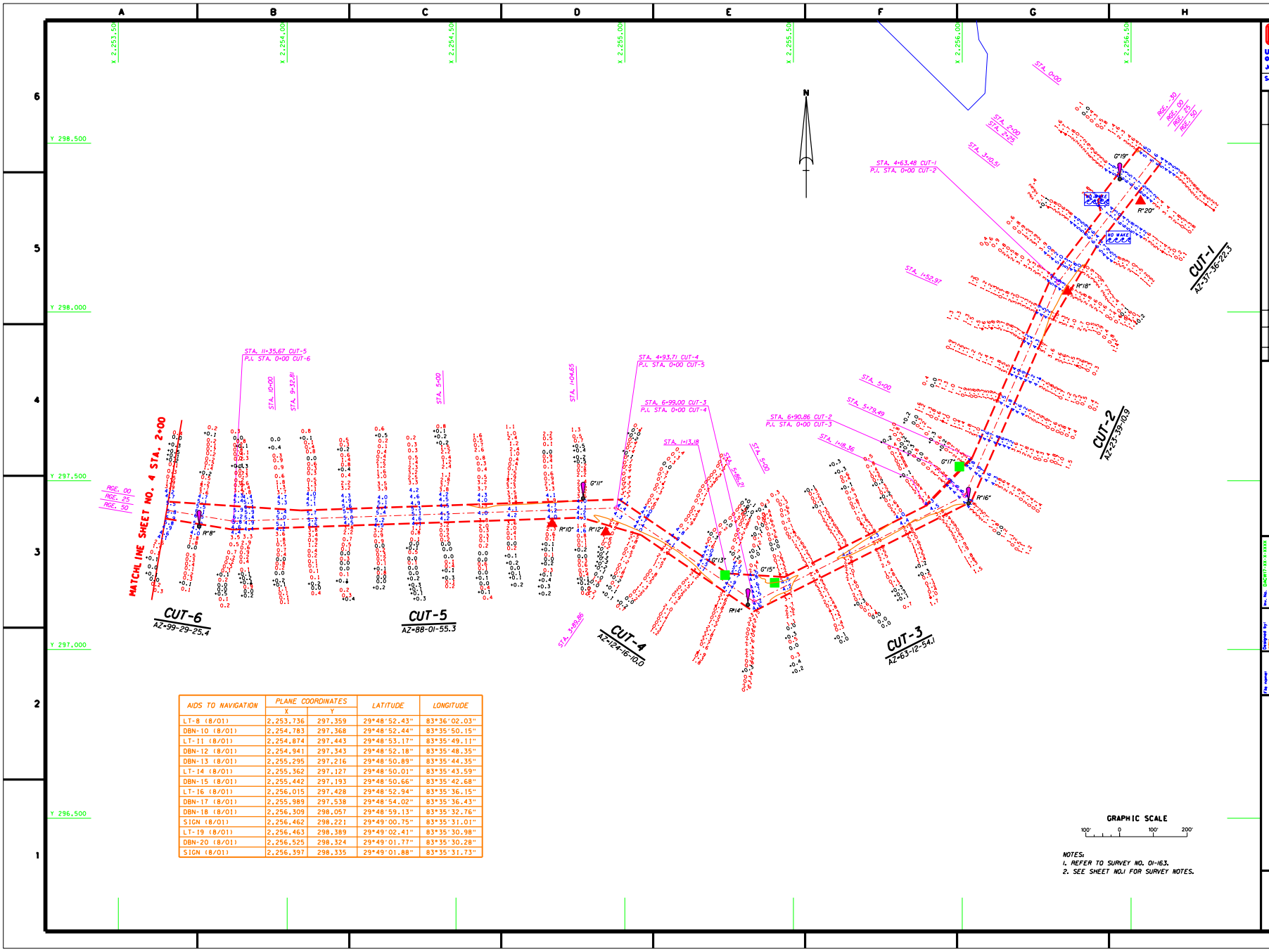

AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT-8 (8/01)	2,253,736	297,359	29°48'52.43"	83°36'02.03"
DBN-10 (8/01)	2,254,783	297,368	29°48'52.44"	83°35'50.15"
LT-11 (8/01)	2,254,874	297,443	29°48'53.17"	83°35'49.11"
DBN-12 (8/01)	2,254,941	297,343	29°48'52.18"	83°35'48.35"
DBN-13 (8/01)	2,255,295	297,216	29°48'50.89"	83°35'44.35"
LT-14 (8/01)	2,255,362	297,127	29°48'50.01"	83°35'43.59"
DBN-15 (8/01)	2,255,442	297,193	29°48'50.66"	83°35'42.68"
LT-16 (8/01)	2,256,015	297,428	29°48'52.94"	83°35'36.15"
DBN-17 (8/01)	2,255,989	297,538	29°48'54.02"	83°35'36.43"
DBN-18 (8/01)	2,256,309	298,057	29°48'59.13"	83°35'32.76"
SIGN (8/01)	2,256,462	298,221	29°49'00.75"	83°35'31.01"
LT-19 (8/01)	2,256,463	298,389	29°49'02.41"	83°35'30.98"
DBN-20 (8/01)	2,256,525	298,324	29°49'01.77"	83°35'30.28"
SIGN (8/01)	2,256,397	298,335	29°49'01.88"	83°35'31.73"

NOTES:
1. REFER TO SURVEY NO. 01-163.
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

File No. D1C01-23-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot name: XXXX

Designed by: BRG
Dwn by:
Ckd by:
Date: AUG 2001
D.O.FILE NO.

File name: C163PCS.DGN
Reference files: BORDER.DGN
CUT1T1.DGN
CUT2T1.DGN
CUT3T1.DGN
CUT4T1.DGN
CUT5T1.DGN
CUT6T1.DGN
CUT6T2.DGN
CUT6T3.DGN

CEDAR ISLAND/KEATON BEACH, FLORIDA
PROJECT CONDITION SURVEY
4-FOOT PROJECT
STA 0+00 CUT-1 THRU STA 2+00 CUT-6
PLAN

DRAWING NO.
5/5
SHEET 5 OF 5

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