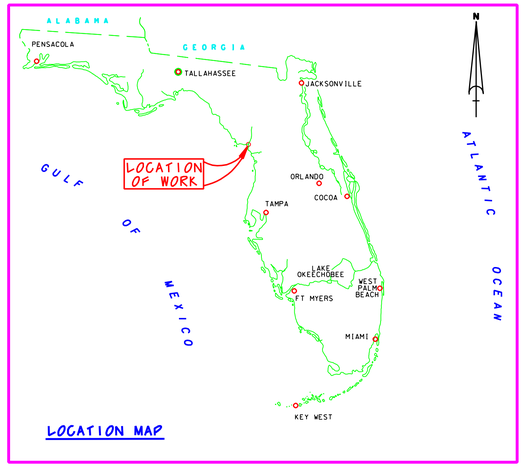
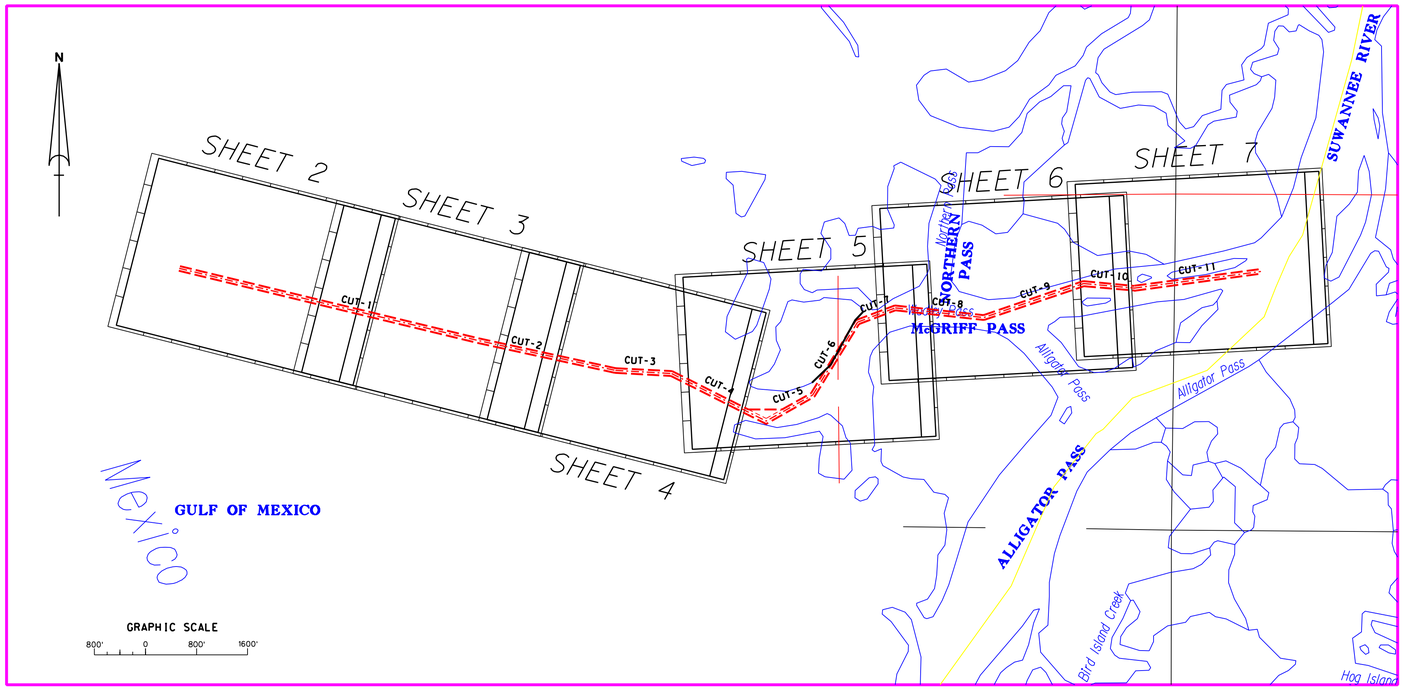
SUWANNEE RIVER, McGRIFF PASS
DIXIE COUNTY, FLORIDA
PROJECT CONDITION SURVEY





SURVEY NOTES:

1. REFER TO SURVEY NO. 06-059.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 2.03 FEET BELOW NAVD 1988.
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 OF THE BULKHEAD, AND REFERENCED FROM BENCHMARK "DUNNARY RM-3".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST 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-34	21 JAN 2006	1-11

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. 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.

Relationship between NAVD 1988 NOAA Mean Lower Low Water Tidal Datum

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

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 time: XX:X

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

Dated JAN 2006
D.O.F. FILE NO.

File name: 06-059PCS01.DGN
Reference files: SUWANNEE.DGN MCGRIFFPASS13.DGN TOPO_GRX.DGN TOPO_LAX.DGN NEWFLMAP.DGN

SUWANNEE RIVER, McGRIFF PASS, FLORIDA

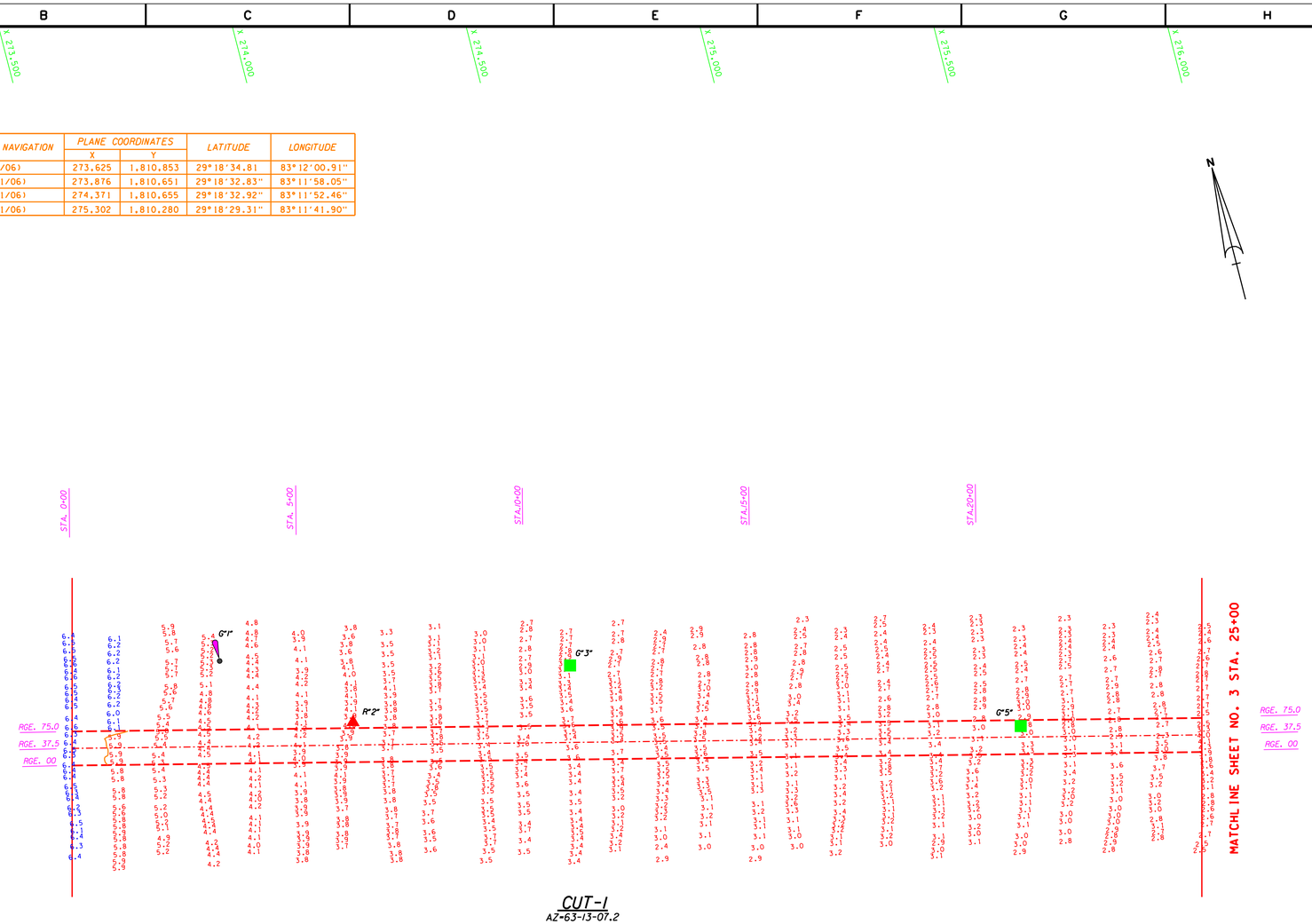
PROJECT CONDITION SURVEY
6-FOOT PROJECT

COVER, VICINITY AND LOCATION MAP
PLAN

DRAWING NO.
1/7

.../06-059pcs/06-059sh01.dgn 01/24/2006 11:15:04 AM

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (01/06)	273,625	1,810,853	29°18'34.81	83°12'00.91"
DBN-2 (01/06)	273,876	1,810,651	29°18'32.83"	83°11'58.05"
DBN-3 (01/06)	274,371	1,810,655	29°18'32.92"	83°11'52.46"
DBN-5 (01/06)	275,302	1,810,280	29°18'29.31"	83°11'41.90"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 06-059.
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
Dsign: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: X:X

Designed by: Dwn by: Ckd by: Dsd by: Dated: JAN 2006
D.O.F.ILE NO.

File name: 06-059SHO2.DGN
Reference files: 06DCF00.DGN 06DTM00.DGN 06-059BAY.DGN 06-059CUT.DGN CONB.DGN

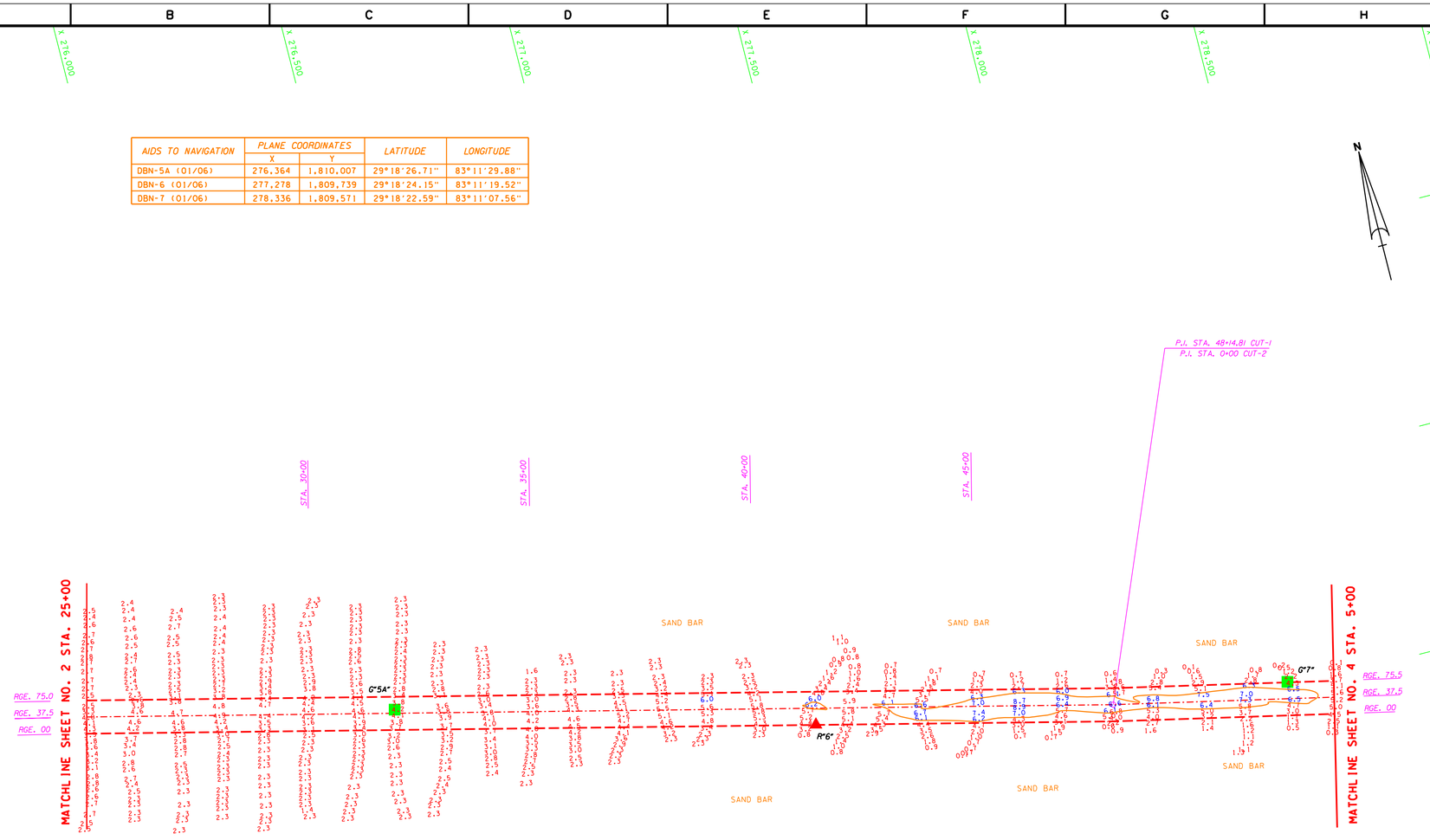
SUWANNEE RIVER, McGRIFF PASS, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
McGRIFF PASS (WADLEY PASS)
STA.0+00 THRU STA.30+00 CUT-1
PLAN

DRAWING NO.
2/7

SHEET 2 OF 7

.../06-059pcs/06-059sh02.dgn 01/24/2006 10:15:56 AM

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-5A (01/06)	276,364	1,810,007	29°18'26.71"	83°11'29.88"
DBN-6 (01/06)	277,278	1,809,739	29°18'24.15"	83°11'19.52"
DBN-7 (01/06)	278,336	1,809,571	29°18'22.59"	83°11'07.56"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 06-059.
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 XX XX XXXX
Plot scale 1"=X.X'
Designed by: Drawn by: Chkd by: Dated JAN 2006
D.O.FILE NO.

File name: 06-059SH03.DGN
Reference files: BNDRY.DGN 06-059SH01.DGN 06-059C2.DGN 06-059NAV.DGN 06-059C1.DGN 06-059.DGN

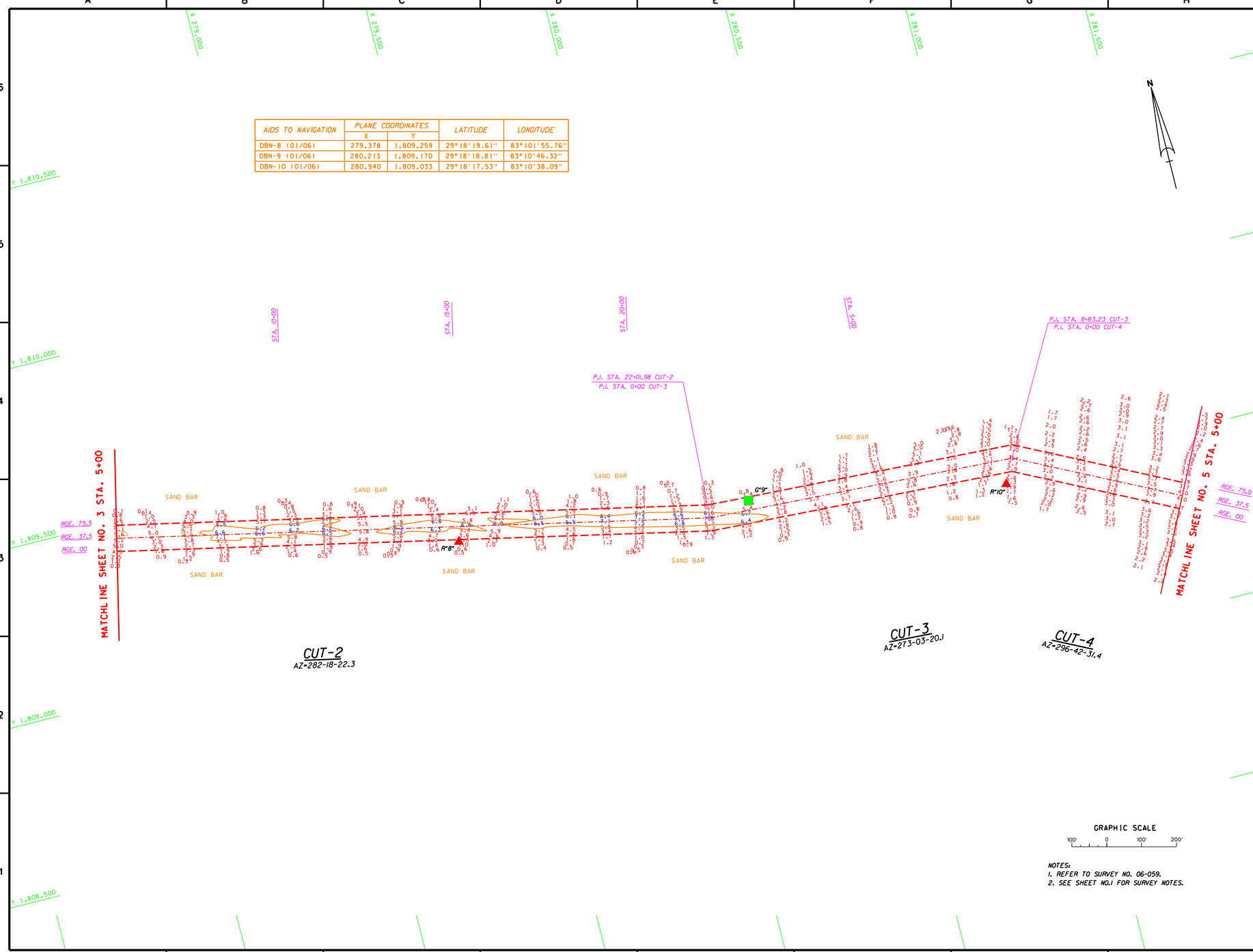
SUWANNEE RIVER, McGRIFF PASS, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
McGRIFF PASS (WADLEY PASS)
STA. 30+00 CUT-1 THRU STA. 5+00 CUT-2
PLAN

DRAWING NO.
3/7

SHEET 3 OF 7

.../06-059pcs/06-059sh03.dgn 01/24/2006 10:27:16 AM

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-8 (01/06)	279,378	1,809,259	29°18'19.61"	83°10'55.76"
DBN-9 (01/06)	280,213	1,809,170	29°18'18.81"	83°10'46.32"
DBN-10 (01/06)	280,940	1,809,033	29°18'17.53"	83°10'38.09"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 06-059.
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
Dataset XX XXX XXXX
Scale AS SHOWN
Plot date: XX XX XXXX
Plot scale: 1X1 X

Designed by: DHW
Dwn by: DHW
Ckd by: RHW
Date: JAN 2006
D.O.F.ILE NO.

File name: 06-059SH04.DGN
Reference files: 06059S.DGN
06-059C1.DGN
06-059C3.DGN
06-059C4.DGN
06-059W1.DGN
06-059C2.DGN

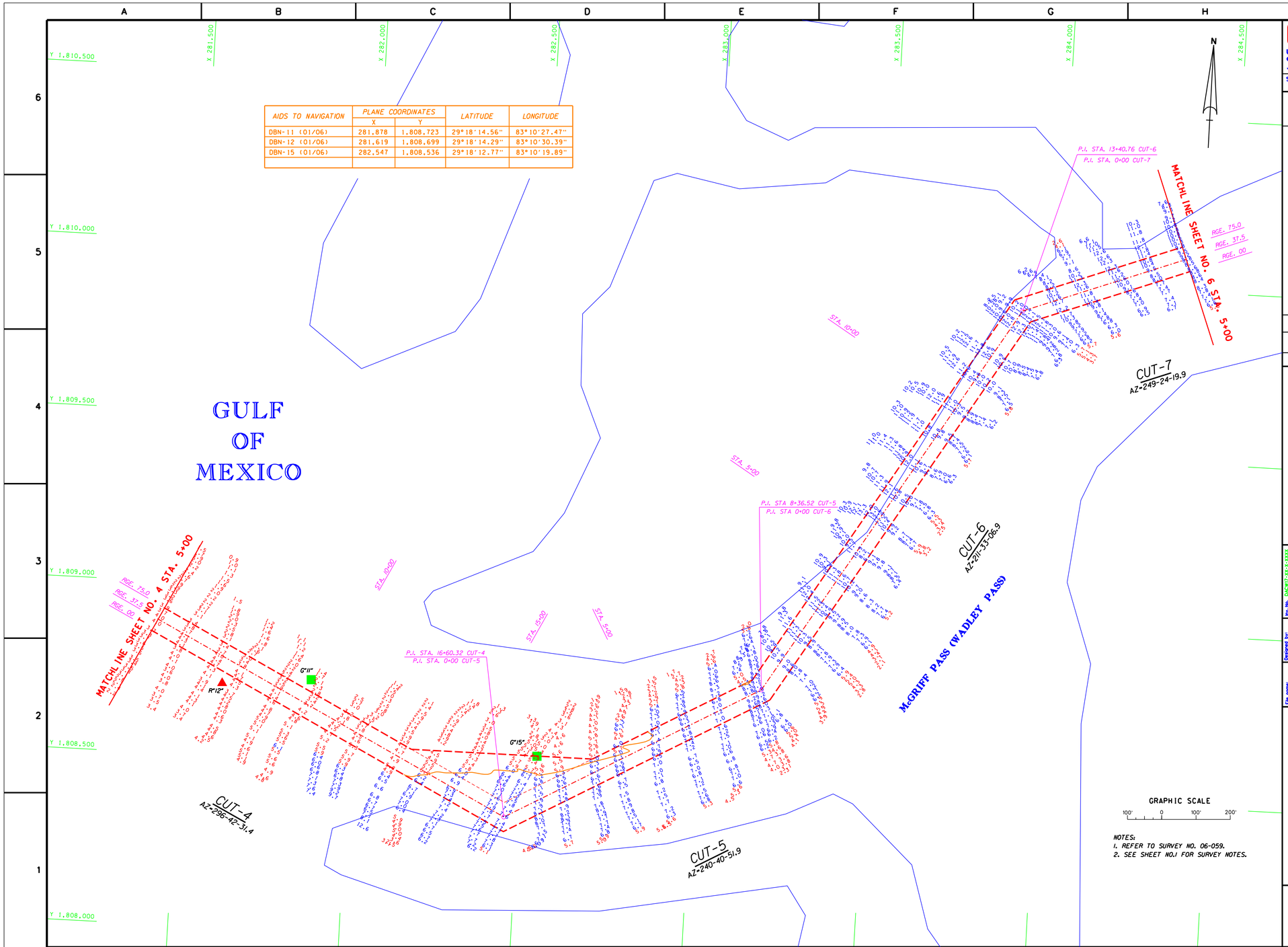
SUWANNEE RIVER, McGRIFF PASS, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
McGRIFF PASS (WADLEY PASS)
STA. 5+00 CUT-2 THRU STA. 5+00 CUT-4
PLAN

DRAWING NO.
4/7

SHEET 4 OF 7

.../06-059pcs/06-059sh04.dgn 01/24/2006 10:31:39 AM

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-11 (01/06)	281,878	1,808,723	29°18'14.56"	83°10'27.47"
DBN-12 (01/06)	281,619	1,808,699	29°18'14.29"	83°10'30.39"
DBN-15 (01/06)	282,547	1,808,536	29°18'12.77"	83°10'19.89"



NOTES:
1. REFER TO SURVEY NO. 06-059.
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
Dsign XX XXX XXXX
Scale AS SHOWN
Plot date: XX XX XXXX
Plot time: XX:XX

Designed by: JRM
Dwn by: JRM
Ckd by: JRM
Dsign: JAN 2006
D.O.F.FILE NO.

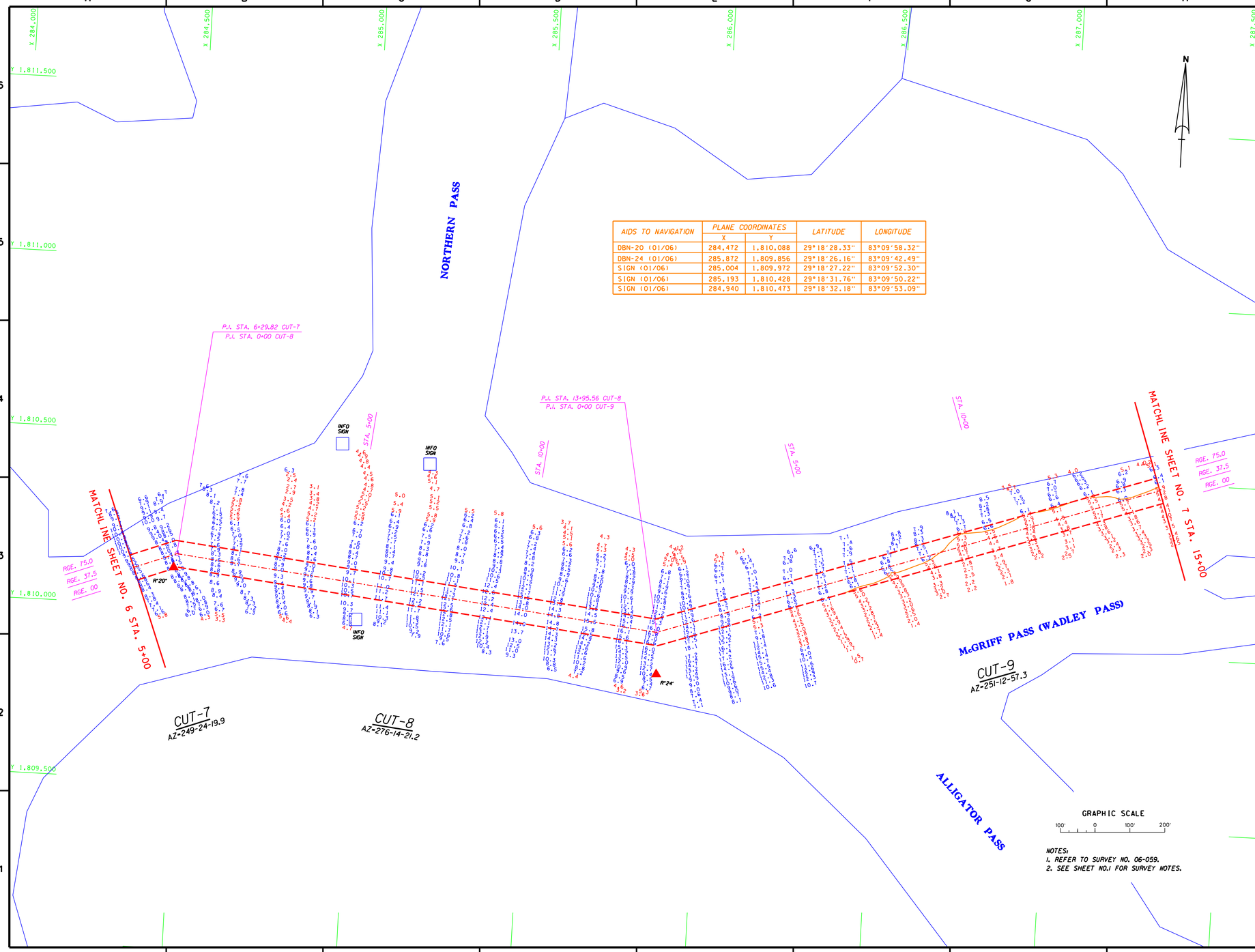
File name: 06-059SH05.DGN
Reference files: 06-059SH01.DGN 06CGRF06S03.DGN 06-059C1.DGN 06-059C2.DGN 06-059C3.DGN 06-059C4.DGN 06-059NAV.DGN 06-059BASE.DGN TOPO_DR.DGN

SUWANNEE RIVER, McGRIFF PASS, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
McGRIFF PASS (WADLEY PASS)
STA. 500 CUT 4 THRU STA. 5+00 CUT-7
PLAN

DRAWING NO.
5/7

SHEET 5 OF 7

.../06-059pcs/06-059sh05.dgn 01/24/2006 10:37:48 AM



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-20 (01/06)	284,472	1,810,088	29°18'28.33"	83°09'58.32"
DBN-24 (01/06)	285,872	1,809,856	29°18'26.16"	83°09'42.49"
SIGN (01/06)	285,004	1,809,972	29°18'27.22"	83°09'52.30"
SIGN (01/06)	285,193	1,810,428	29°18'31.76"	83°09'50.22"
SIGN (01/06)	284,940	1,810,473	29°18'32.18"	83°09'53.09"

NOTES:
1. REFER TO SURVEY NO. 06-059.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone	Description	Approved

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

Inv. No. DACW17-XX-X-XXXX
Drawn: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot name: XX.XX
Designed by: WRN
Dwn by: WRN
Ckd by: GRN
Date: JAN 2006
D.O.FILE NO.

File name: 06-059SH06.DGN
Reference files: GRIDB6.DGN
TOPO_BK.DGN
TOPO_DN.DGN
06-059CT.DGN
06-059CT.DGN
06-059CB.DGN
06-059MAP.DGN
COMB.DGN

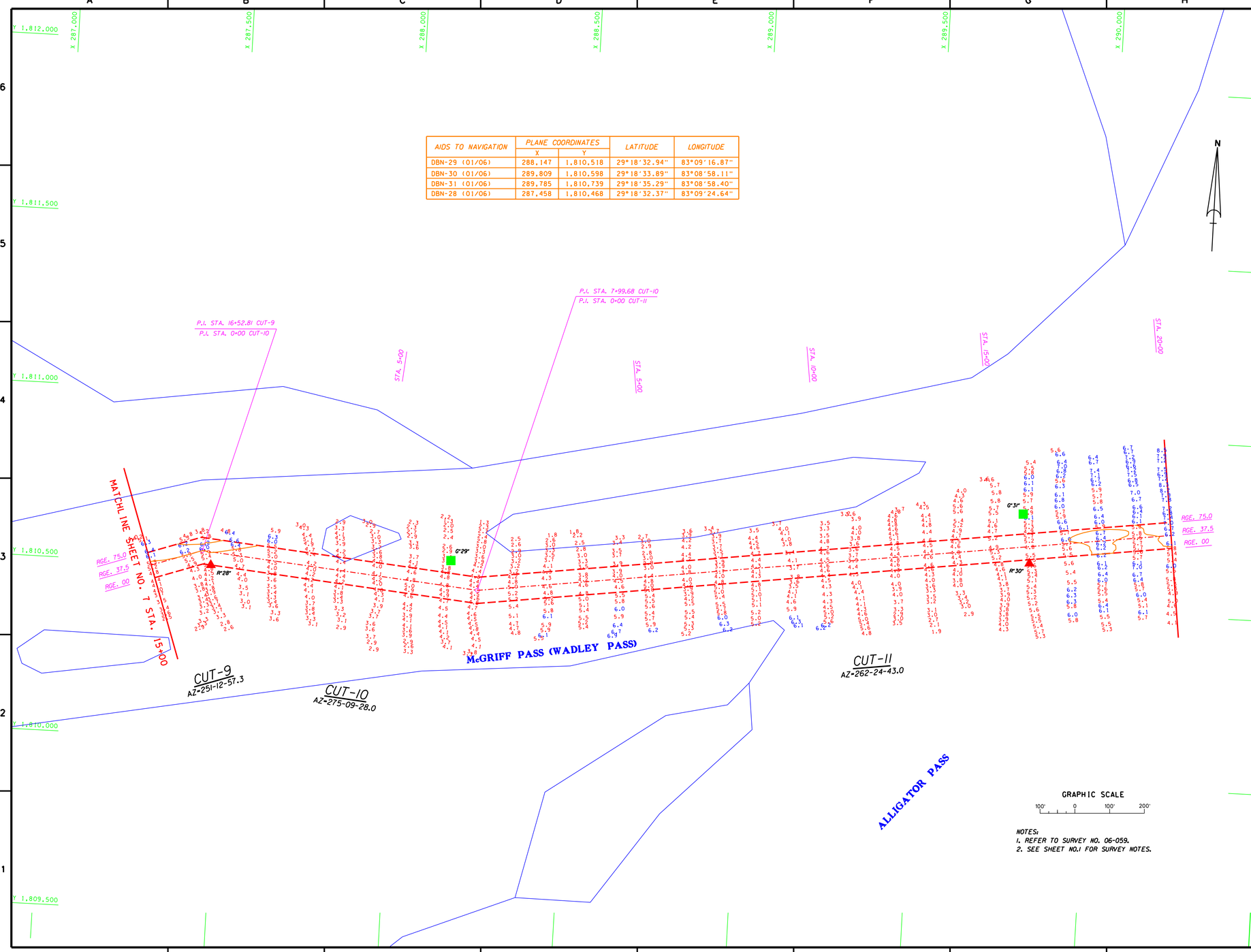
SUWANNEE RIVER, McGRIFF PASS, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
McGRIFF PASS (WADLEY PASS)
STA. 5+00 CUT-7 THRU STA. 20+00 CUT-9
PLAN

DRAWING NO.
6/7

SHEET 6 OF 7

.../06-059pcs/06-059sh06.dgn 01/24/2006 10:53:58 AM

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-29 (01/06)	288.147	1,810.518	29°18'32.94"	83°09'16.87"
DBN-30 (01/06)	289.809	1,810.598	29°18'33.89"	83°08'58.11"
DBN-31 (01/06)	289.785	1,810.739	29°18'35.29"	83°08'58.40"
DBN-28 (01/06)	287.458	1,810.468	29°18'32.37"	83°09'24.64"



NOTES:
1. REFER TO SURVEY NO. 06-059.
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
Dwgs# XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: N/A

Designed by: Dwn by: Ckd by: MPW
Dated JAN 2006
D.O.F. FILE NO.

File name: 06-059SH07.DGN
Reference files: 06059SB.DGN
06-059SC1.DGN
TOPO_06.DGN
06-059SC2.DGN
06-059SC3.DGN
06-059SC4.DGN
06-059SC5.DGN
06-059MAV.DGN

SUWANNEE RIVER, McGRIFF PASS, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
McGRIFF PASS (WADLEY PASS)
STA. 20+00 CUT-9 THRU STA. 20+00 CUT-11
PLAN

DRAWING NO.
7/7

SHEET 7 OF 7

.../06-059pcs/06-059sh07.dgn 01/24/2006 11:00:15 AM