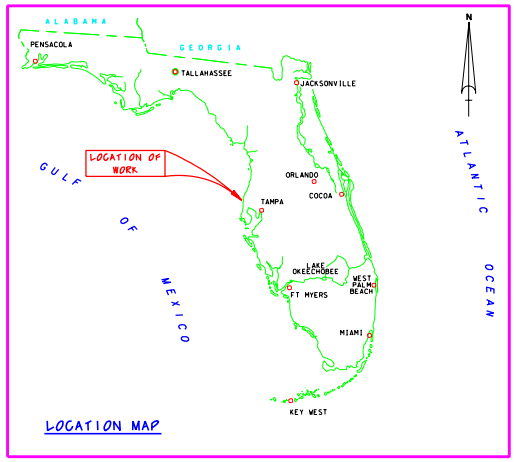
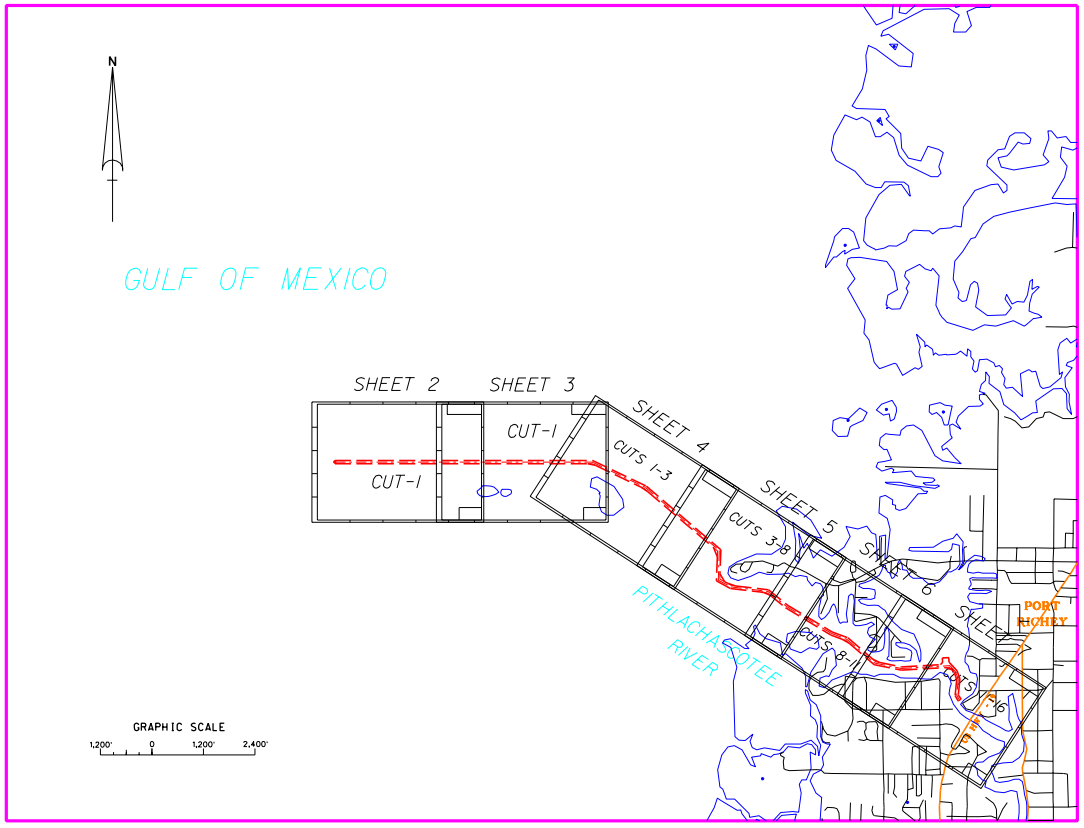
PITHLACHASCOTEE RIVER
PASCO COUNTY, FLORIDA
PROJECT CONDITION SURVEY





SURVEY NOTES:

1. REFER TO SURVEY NO. 03-124.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 1.30 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 LOCATED ON PILING BEHIND CATHERS SEAFOOD & MORE, AND REFERENCED FROM N.O.S. BENCHMARK "TO12A, 1976".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA (902) AND REFERENCED TO THE 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 ODOM ECHOTRAC 3100 SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

VESSEL	DATE OF SURVEY	CUT
McKEE	29 JUL - 1 AUG 2003	1 THRU 16

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 02.
12. SURVEY DATA COLLECTED BY FORESIGHT SURVEYORS, INC AND RECORDED IN FIELD BOOKS 02-PASCO COUNTY-7, 8, AND 9

BENCHMARK	NGVD ELEV. (FT)
N.O.S. 7012A	6.30

Relationship between NGVD 1929 and NOAA Mean Lower Low Water Tidal Datum (1960-1978 epoch)

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. DACW17-01-D-0027
Dated: 23 JUNE 2001
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: xx:x

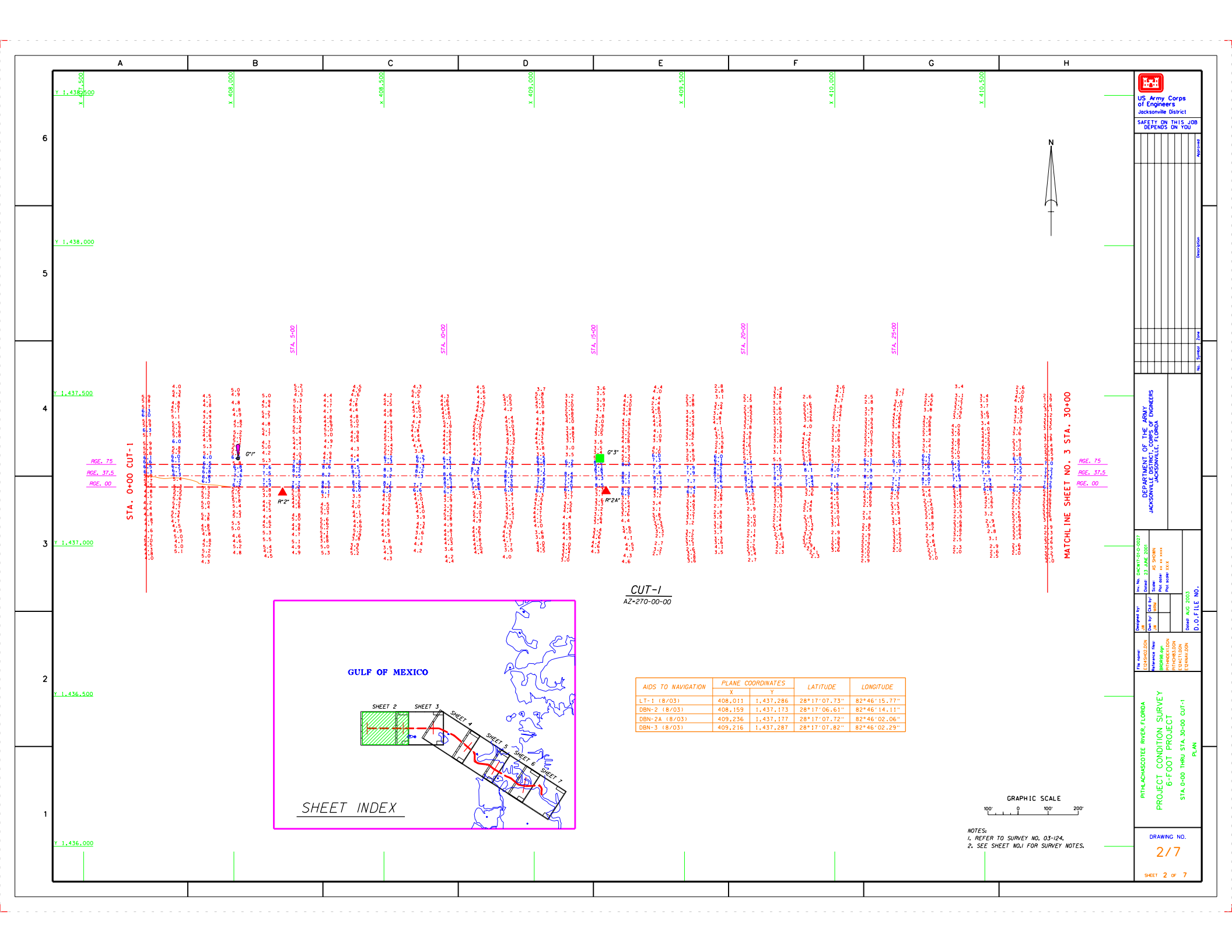
Designed by:
Drawn by: JW
Chkd by: MMM
Dated: AUG 2003
D.O.F.FILE NO.

File name: CTDSHEET.DGN
Reference files: BSDIV80.DGN BSDIV90.DGN PITHCHL.DGN NEWFLMAP.DGN PITHLAYOUT.DGN

PITHLACHASCOTEE RIVER, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
COVER SHEET & LOCATION PLAN

DRAWING NO.
1/7

SHEET 1 OF 7



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (8/03)	408,011	1,437,286	28°17'07.73"	82°46'15.77"
DBN-2 (8/03)	408,159	1,437,173	28°17'06.61"	82°46'14.11"
DBN-2A (8/03)	409,236	1,437,177	28°17'07.72"	82°46'02.06"
DBN-3 (8/03)	409,216	1,437,287	28°17'07.82"	82°46'02.29"

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. DACW17-01-D-0027
Dated: 23 JUNE 2001
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: 1:1.0

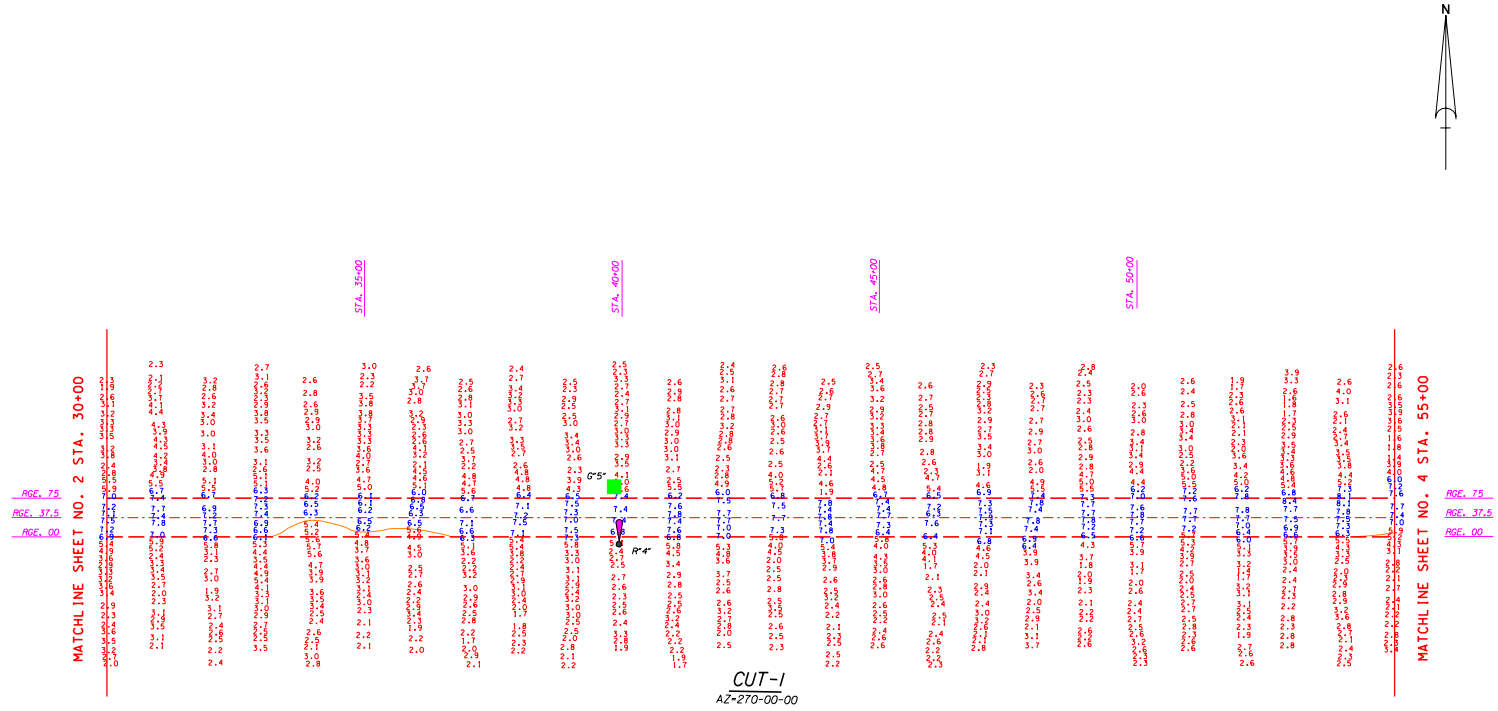
Designed by: JM
Drawn by: JM
Cad by: MMM
Dated: AUG 2003
D.O.F ILE NO.

File name: E243HSD.DGN
Reference files: BSGRID.DGN, BSCONTOUR.DGN, PITCHMIS.DGN, E24CTL.DGN, E24NAV.DGN

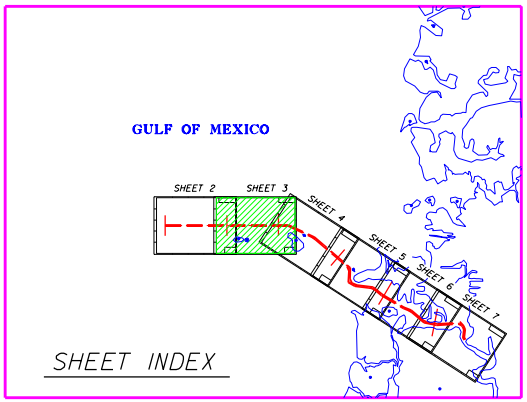
PITHLACHASCOTEE RIVER, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
STA 0+00 THRU STA 30+00 CUT-1
PLAN

DRAWING NO.
2/7

SHEET 2 OF 7



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-4 (8/03)	411,700	1,437,177	28°17'06.88"	82°45'34.51"
DBN-5 (8/03)	411,691	1,437,289	28°17'07.99"	82°45'34.61"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-124.
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. DACW17-01-D-0027
Dated: 23 JUNE 2001
Scale: AS SHOWN
Plot date = xx xx xxxx
Plot scale = x.x x

Designed by:
Drawn by: JW
Cad by: MRM

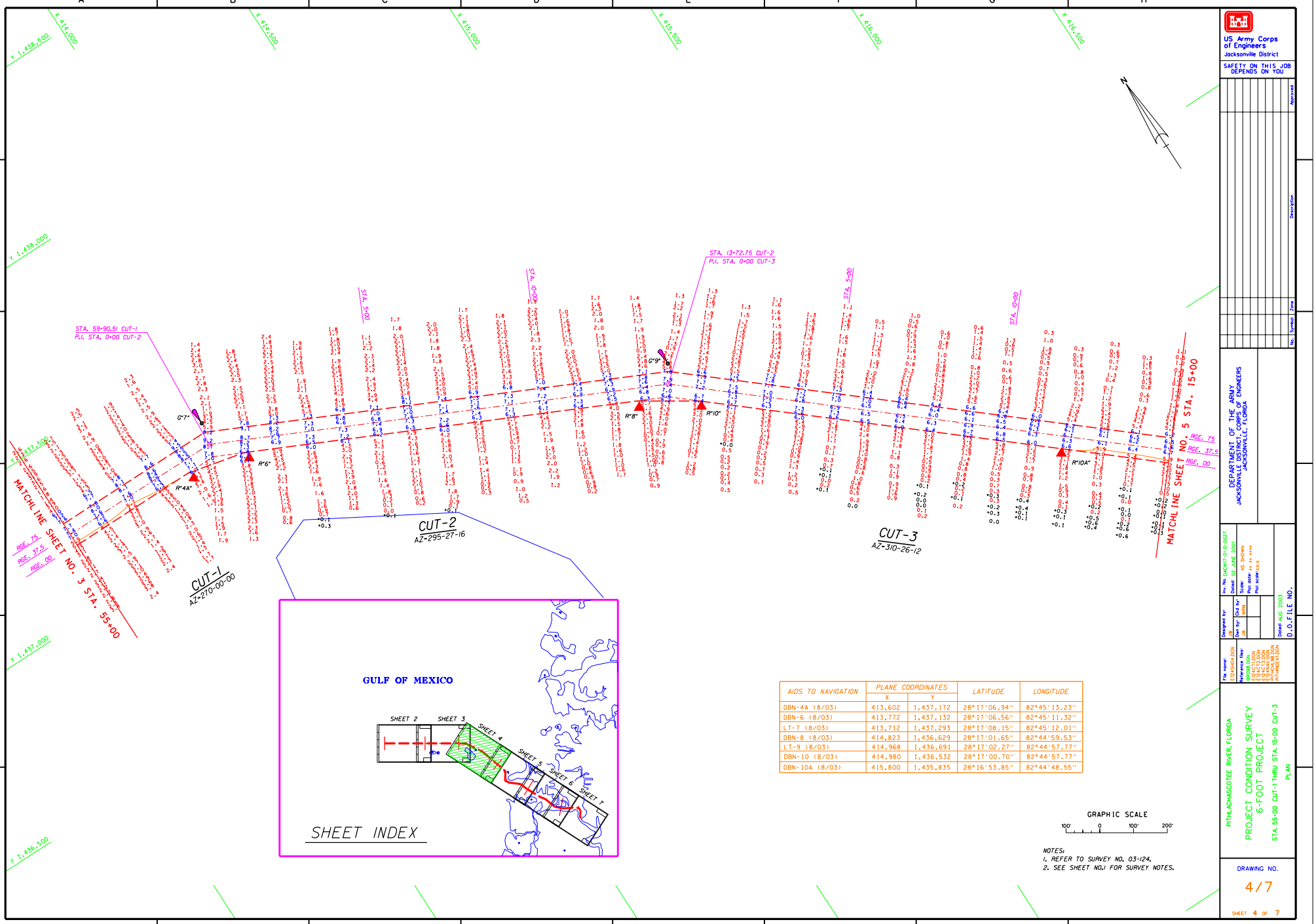
Dated: AUG 2003
D.O.F ILE NO.

File name: E1243H03.DGN
Reference files: E1243B01.DGN E1243C01.DGN E1243A01.DGN E1243L01.DGN PITHNDEX1.DGN

PITHLACHASCOTEE RIVER, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
STA. 30+00 THRU STA. 55+00 CUT-1
PLAN

DRAWING NO.
3/7

SHEET 3 OF 7



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-4A (8/03)	413,602	1,437,172	28°17'06.94"	82°45'13.23"
DBN-6 (8/03)	413,772	1,437,132	28°17'06.56"	82°45'11.32"
LT-7 (8/03)	413,712	1,437,293	28°17'08.15"	82°45'12.01"
DBN-8 (8/03)	414,823	1,436,629	28°17'01.65"	82°44'59.53"
LT-9 (8/03)	414,968	1,436,691	28°17'02.27"	82°44'57.77"
DBN-10 (8/03)	414,980	1,436,532	28°17'00.70"	82°44'57.77"
DBN-10A (8/03)	415,800	1,435,835	28°16'53.85"	82°44'48.55"

NOTES:
1. REFER TO SURVEY NO. 03-124.
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

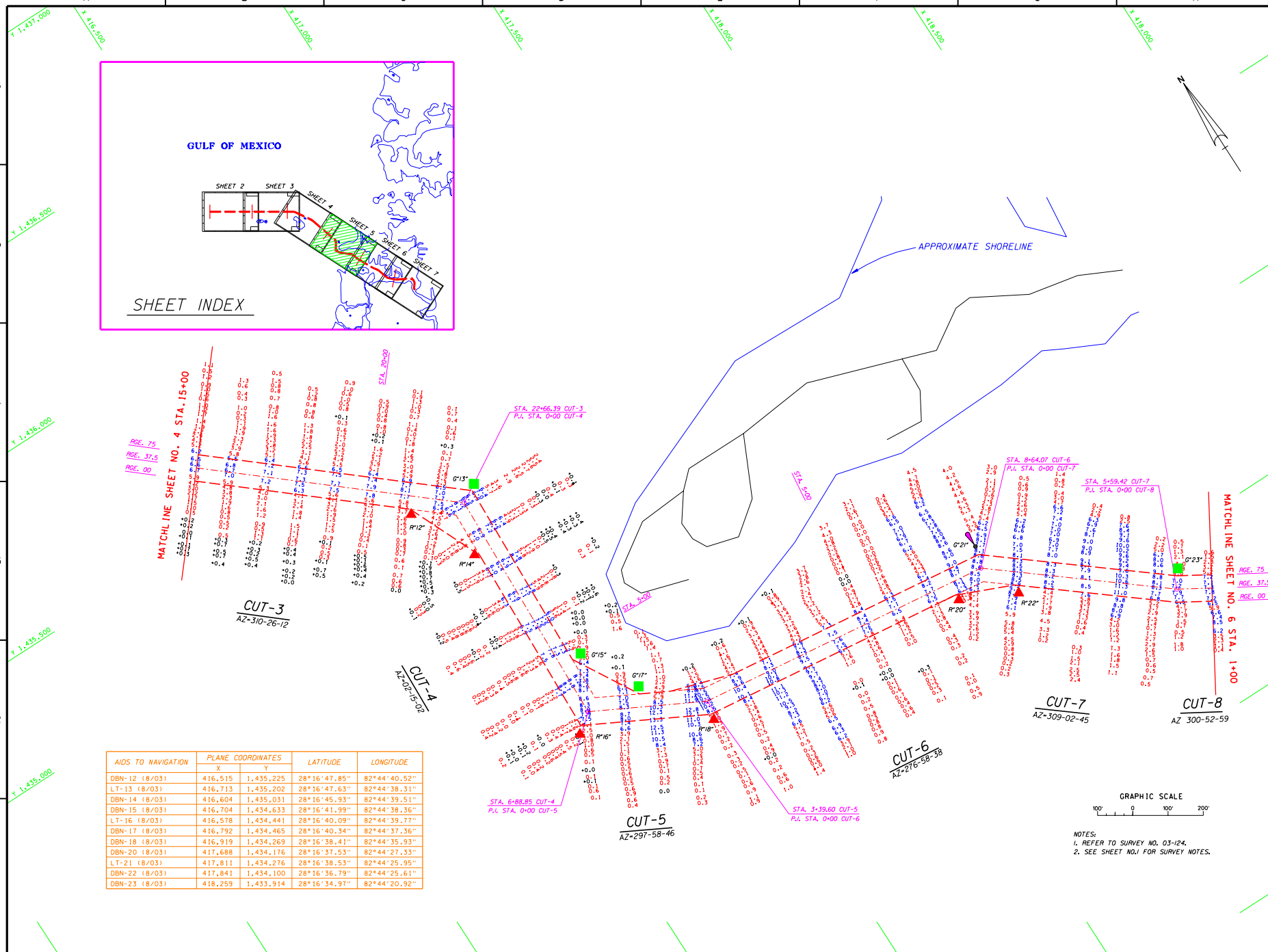
Inv. No. DACW17-01-D-0027
Dated: 02 JUNE 2003
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: x:x:x

Designed by:
Drawn by: JW
Check by: WRM
Dated: AUG 2003
D.O.F FILE NO.

File name: E2635H01DGN
Reference files: E2635D01 E2635D02 E2635D03 E2635D04 E2635D05 E2635D06 E2635D07 E2635H02DGN PITHOUTLINE

PITHLACHASCOTEE RIVER, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
STA. 55+00 CUT-1 THRU STA. 15+00 CUT-3
PLAN

DRAWING NO.
4/7
SHEET 4 OF 7



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-12 (8/03)	416,515	1,435,225	28°16'47.85"	82°44'40.52"
LT-13 (8/03)	416,713	1,435,202	28°16'47.63"	82°44'38.31"
DBN-14 (8/03)	416,604	1,435,031	28°16'45.93"	82°44'39.51"
DBN-15 (8/03)	416,704	1,434,633	28°16'41.99"	82°44'38.36"
LT-16 (8/03)	416,578	1,434,441	28°16'40.09"	82°44'39.77"
DBN-17 (8/03)	416,792	1,434,465	28°16'40.34"	82°44'37.36"
DBN-18 (8/03)	416,919	1,434,269	28°16'38.41"	82°44'35.93"
DBN-20 (8/03)	417,688	1,434,176	28°16'37.53"	82°44'27.33"
LT-21 (8/03)	417,811	1,434,276	28°16'38.53"	82°44'25.95"
DBN-22 (8/03)	417,841	1,434,100	28°16'36.79"	82°44'25.61"
DBN-23 (8/03)	418,259	1,433,914	28°16'34.97"	82°44'20.92"

NOTES:
1. REFER TO SURVEY NO. 03-124.
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

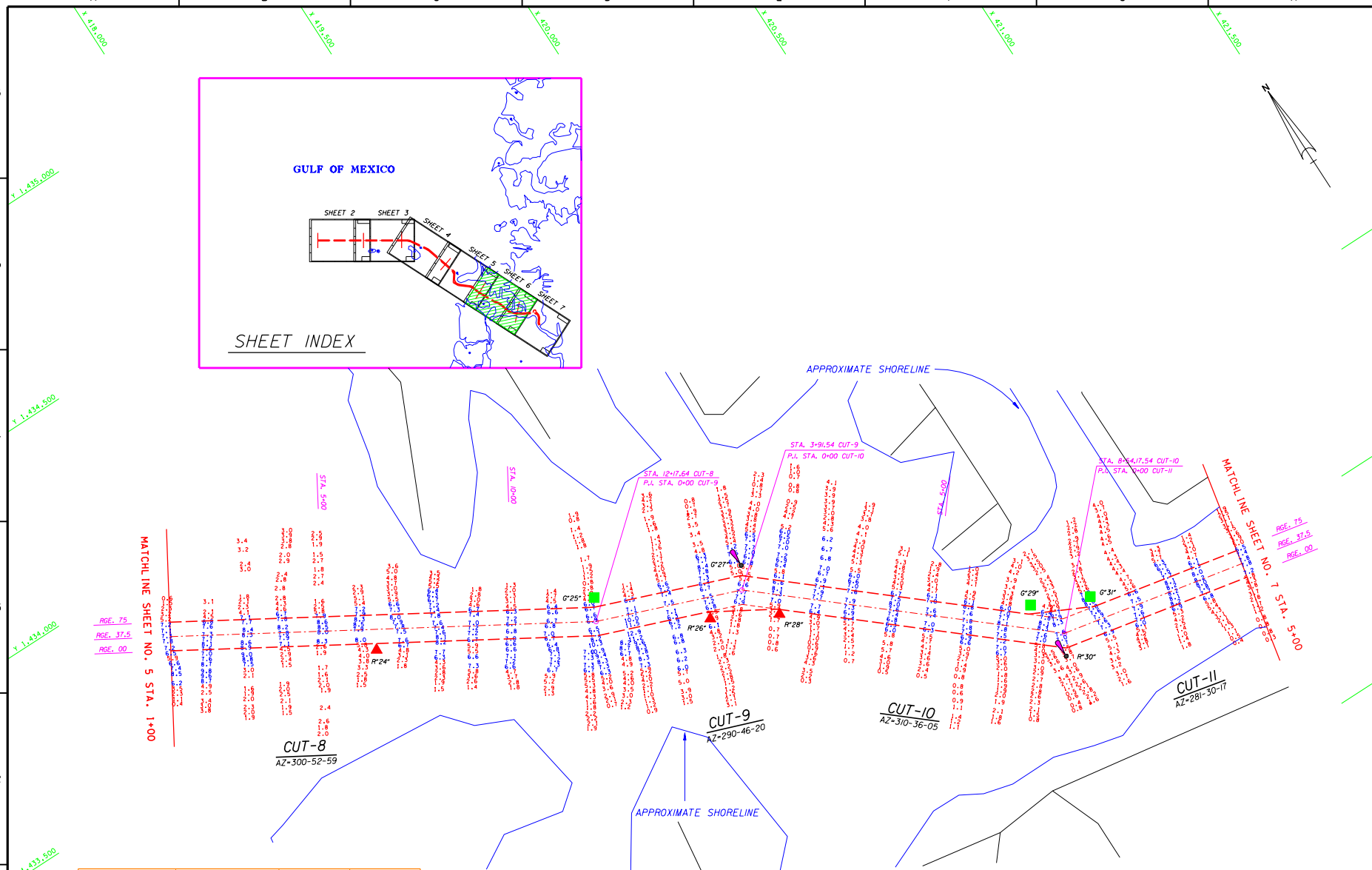
Designed by: JW
Dwn by: JW
Ckd by: WRM
Inv. No. DACW17-01-D-0027
Dated: 23 JUNE 2001
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Dated: AUG 2003
D.O. FILE NO.

File name: E124SH05.dgn
Reference files: BRDR98.DGN E124CT3.DGN E124CT4.DGN E124CT5.DGN E124CT6.DGN E124CT7.DGN E124NAV.DGN PITHCHL83.DGN CONB.DGN PITHINCEX1.DGN

PITHLACHASCOTEE RIVER, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
STA. 15+00 CUT-3 THRU STA. 1+00 CUT-7
PLAN

DRAWING NO.
5/7

SHEET 5 OF 7



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-24 (8/03)	418,745	1,433,491	28°16'30.82"	82°44'15.45"
DBN-25 (8/03)	419,300	1,433,296	28°16'28.92"	82°44'09.24"
DBN-26 (8/03)	419,525	1,433,084	28°16'26.83"	82°44'06.71"
LT-27 (8/03)	419,671	1,433,155	28°16'27.54"	82°44'05.08"
DBN-28 (8/03)	419,684	1,432,995	28°16'25.96"	82°44'04.92"
DBN-29 (8/03)	420,250	1,432,657	28°16'22.65"	82°43'58.56"
LT-30 (8/03)	420,257	1,432,491	28°16'21.01"	82°43'58.48"
DBN-31 (8/03)	420,394	1,432,590	28°16'21.00"	82°43'56.96"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-124.
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. DACW17-01-D-0027
Dated: 23 JUNE 2001
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X
Designed by: JW
Dwn by: JW
Ckd by: WRM
Dated: JULY 2002
D.O. FILE NO.

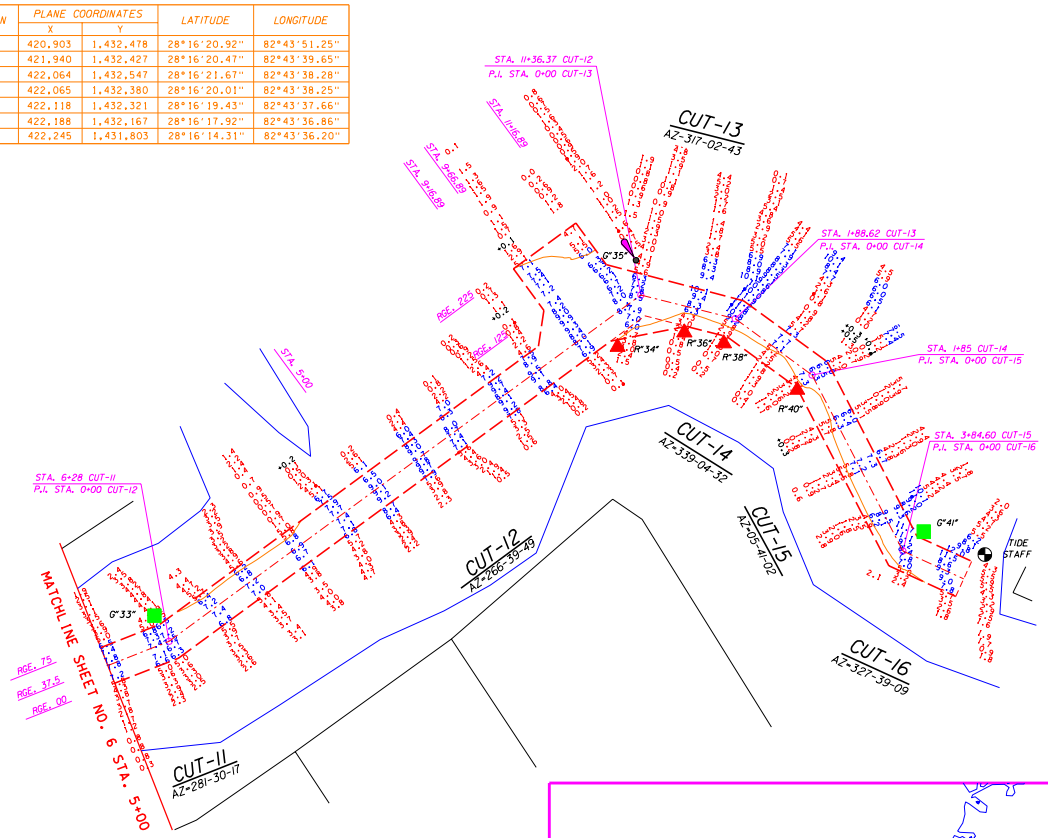
File name: E124SH06.dgn
Reference files: BRDR98.DGN E124CT10.DGN E124CT11.DGN E124CT8.DGN E124CT9.DGN E124NAV.DGN PITHCHL8.5.DGN PITHNDEX1.DGN

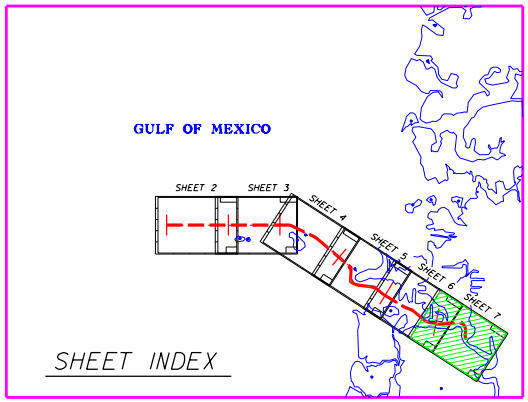
PITHLACHASCOTTE RIVER, FLORIDA
PROJECT CONDITION SURVEY
6-FOOT PROJECT
STA. 1+00 CUT-8 THRU STA. 5+00 CUT-11
PLAN

DRAWING NO.
6/7

SHEET 6 OF 7

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-33 (8/03)	420,903	1,432,478	28°16'20.92"	82°43'51.25"
DBN-34 (8/03)	421,940	1,432,427	28°16'20.47"	82°43'39.65"
LT-35 (8/03)	422,064	1,432,547	28°16'21.67"	82°43'38.28"
DBN-36 (8/03)	422,065	1,432,380	28°16'20.01"	82°43'38.25"
DBN-38 (8/03)	422,118	1,432,321	28°16'19.43"	82°43'37.66"
DBN-40 (8/03)	422,188	1,432,167	28°16'17.92"	82°43'36.86"
DBN-41 (8/03)	422,245	1,431,803	28°16'14.31"	82°43'36.20"





SHEET INDEX

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-124.
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-D-0027
Dated: 23 JUNE 2001
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

Designed by: JW
Dwn by: JW
Ckd by: WRM
Dated: AUG 2003
D.O. FILE NO.

File name: E124SH07.DGN
Reference files: BWDR98.DGN E124CT11.DGN E124CT12.DGN E124CT13.DGN E124CT14.DGN E124CT15.DGN E124CT16.DGN E124NAV.DGN PITHCHL83.DGN PITHINDEX1.DGN

PITHLACHASCOTTE RIVER, FLORIDA

PROJECT CONDITION SURVEY
6-FOOT PROJECT
STA. 5+00 CUT-11 THRU STA. 1+30 CUT-16
PLAN

DRAWING NO.
7/7

SHEET 7 OF 7