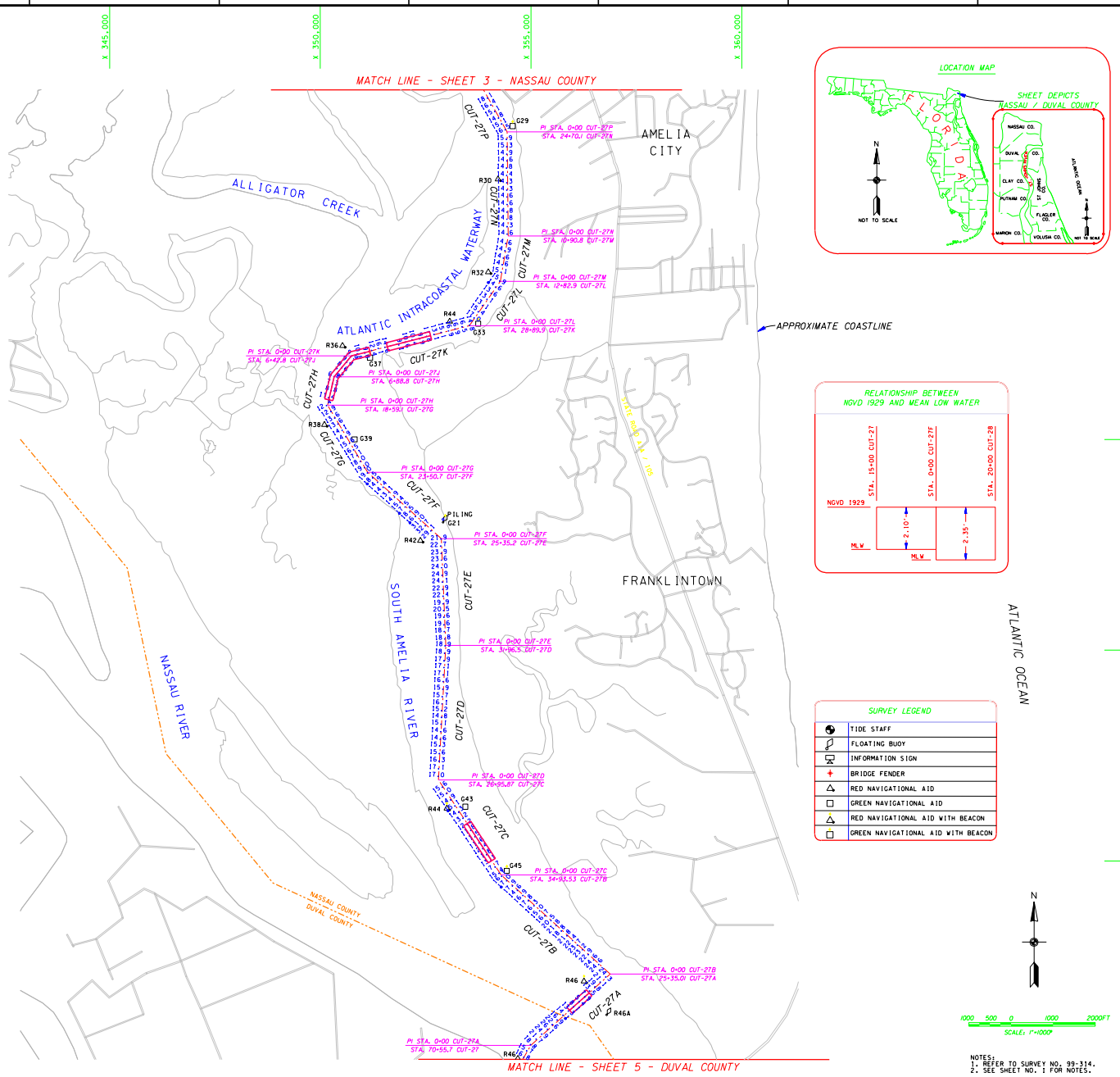
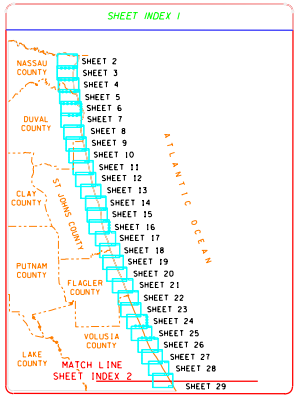


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
G29	354,563	2,272,434	30°35'01.47"	081°27'43.84"
R30	354,214	2,271,169	30°34'48.94"	081°27'47.78"
R32	353,988	2,268,968	30°34'27.14"	081°27'50.26"
R44	353,068	2,267,800	30°34'15.54"	081°28'00.73"
G33	353,746	2,267,745	30°34'15.03"	081°27'52.97"
R36	350,529	2,267,222	30°34'09.72"	081°28'29.74"
G37	351,178	2,266,941	30°34'06.96"	081°28'22.30"
R38	350,098	2,265,349	30°33'51.16"	081°28'34.58"
G39	350,812	2,264,999	30°33'47.72"	081°28'26.40"
G21	352,913	2,263,036	30°33'28.38"	081°28'02.27"
R42	352,374	2,262,597	30°33'24.01"	081°28'08.42"
G43	353,441	2,256,288	30°32'21.61"	081°27'55.92"
R44	353,002	2,256,244	30°32'21.15"	081°28'00.93"
G45	354,424	2,254,765	30°32'06.57"	081°27'44.60"
R46	356,256	2,252,144	30°31'40.70"	081°27'23.54"
R46A	356,797	2,251,350	30°31'32.87"	081°27'17.31"
R46	354,686	2,250,298	30°31'22.37"	081°27'41.40"



SURVEY LEGEND

	TIDE STAFF
	FLOATING BUOY
	INFORMATION SIGN
	BRIDGE FENDER
	RED NAVIGATIONAL AID
	GREEN NAVIGATIONAL AID
	RED NAVIGATIONAL AID WITH BEACON
	GREEN NAVIGATIONAL AID WITH BEACON

1000 500 0 1000 2000FT

SCALE: 1"=1000'

NOTES:
1. REFER TO SURVEY NO. 99-314.
2. SEE SHEET NO. 1 FOR 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

SEA SYSTEMS CORPORATION
2300 NORTHWEST 30TH PLACE
POMPANO BEACH, FLORIDA

Inv. No. DACW17-98-D-0004
Dated: APRIL, 2000
D.O. FILE NO. 6-37,987

Designed by: S.B.M.
Drn by: S.B.M.
Ckd by: K.C.J.
Scale: AS SHOWN
Plot scale:
Plot center:

File name: RECONNAISSANCE SURVEY OF THE ATLANTIC INTRACOASTAL WATERWAY FERNANDINA TO ST. JOHNS RIVER, JACKSONVILLE 12-FOOT PROJECT NASSAU AND DUVAL COUNTY CUT-27P THRU CUT-27A PLAN
Reference files: NASSBASE.DGN, A314B2.DGN, DUVABASE.DGN, A314SH2.DGN, NASSCL.DGN, DUVACL.DGN, A314SH2.DGN, ABCE1.DGN

RECONNAISSANCE SURVEY OF THE
ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA
TO ST. JOHNS RIVER, JACKSONVILLE
12-FOOT PROJECT
NASSAU AND DUVAL COUNTY
CUT-27P THRU CUT-27A
PLAN

DRAWING NO.

SHEET 4 OF 91

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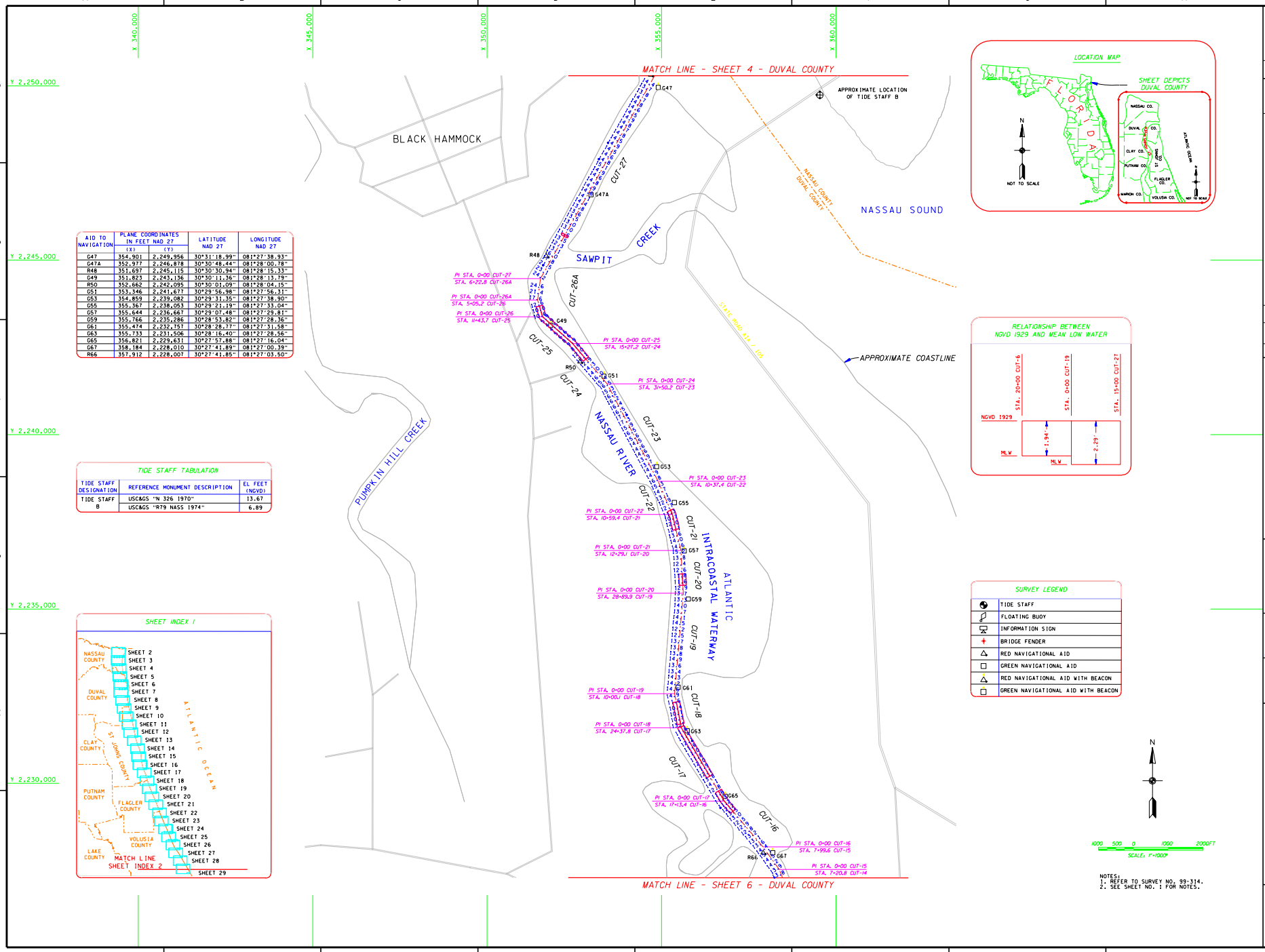

AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
G47	354,901	2,249,956	30°31'18.99"	081°27'38.93"
G47A	352,977	2,246,878	30°30'48.44"	081°28'00.78"
R48	351,697	2,245,115	30°30'30.94"	081°28'15.33"
G49	351,823	2,243,136	30°30'11.36"	081°28'13.79"
R50	352,662	2,242,095	30°30'01.09"	081°28'04.15"
G51	353,346	2,241,677	30°29'56.98"	081°27'56.31"
G53	354,859	2,239,082	30°29'31.35"	081°27'38.90"
G55	355,367	2,238,053	30°29'21.19"	081°27'33.04"
G57	355,644	2,236,667	30°29'07.48"	081°27'29.81"
G59	355,766	2,235,286	30°28'53.82"	081°27'28.36"
G61	355,474	2,232,757	30°28'28.77"	081°27'31.58"
G63	355,733	2,231,506	30°28'16.40"	081°27'28.56"
G65	356,821	2,229,631	30°27'57.88"	081°27'16.04"
G67	358,184	2,228,010	30°27'41.89"	081°27'00.39"
R66	357,912	2,228,007	30°27'41.85"	081°27'03.50"

TIDE STAFF TABULATION

TIDE STAFF DESIGNATION	REFERENCE MONUMENT DESCRIPTION	EL FEET (NGVD)
TIDE STAFF B	USC&GS "N 326 1970"	13.67
	USC&GS "R79 NASS 1974"	6.89

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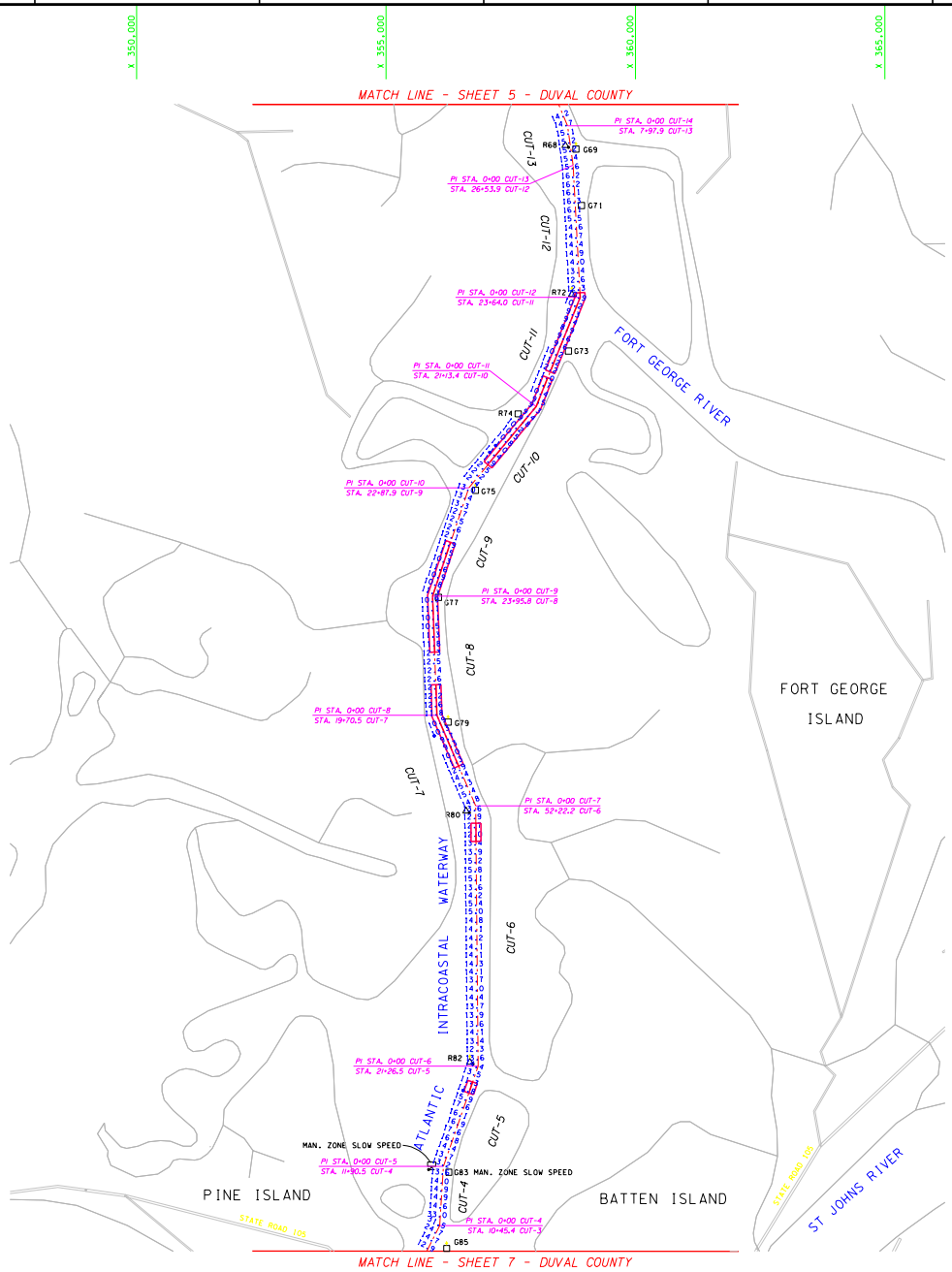
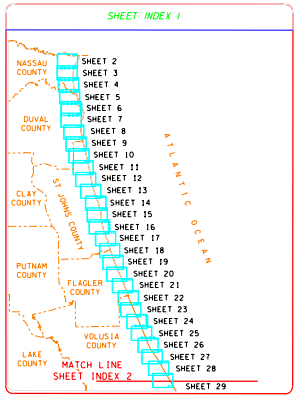
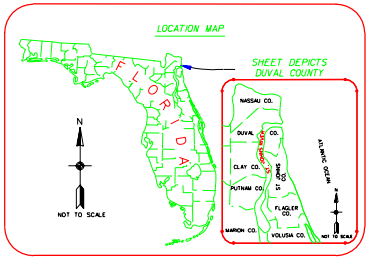


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
R68	358,597	2,226,467	30°27'26.63"	081°26'55.60"
G69	358,808	2,226,395	30°27'25.93"	081°26'53.19"
G71	358,919	2,225,263	30°27'14.73"	081°26'51.87"
R72	358,726	2,223,479	30°26'57.06"	081°26'53.99"
G73	358,655	2,222,345	30°26'45.83"	081°26'54.75"
R74	357,647	2,221,085	30°26'33.32"	081°27'06.21"
G75	356,793	2,219,551	30°26'18.10"	081°27'15.90"
G77	356,051	2,217,403	30°25'56.81"	081°27'24.27"
G79	356,242	2,214,903	30°25'32.07"	081°27'21.98"
R80	356,605	2,213,122	30°25'14.46"	081°27'17.75"
R82	356,680	2,208,078	30°24'24.53"	081°27'16.66"
G83	356,259	2,205,874	30°24'02.70"	081°27'21.37"
G85	356,215	2,204,347	30°23'47.58"	081°27'21.80"

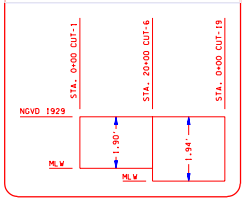
SHEET INDEX 1



LOCATION MAP



RELATIONSHIP BETWEEN NGVD 1929 AND MEAN LOW WATER



SURVEY LEGEND

	TIDE STAFF
	FLOATING BUOY
	INFORMATION SIGN
	BRIDGE FENDER
	RED NAVIGATIONAL AID
	GREEN NAVIGATIONAL AID
	RED NAVIGATIONAL AID WITH BEACON
	GREEN NAVIGATIONAL AID WITH BEACON

N

1000 500 0 1000 2000FT

SCALE: 1"=1000'

NOTES:
1. REFER TO SURVEY NO. 99-314.
2. SEE SHEET NO. 1 FOR 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

SEA SYSTEMS CORPORATION
2300 NORTHWEST 30TH PLACE
POMPANO BEACH, FLORIDA

Inv. No. DACW17-98-D-0004
Dated AS SHOWN
Scale
Plot date
Plot scale

Designed by
Dwn by S.B.M.
Ckd by K.C.J.

Dated APRIL, 2000
D.O.FILE NO. 6-37,987

File name: A314SH06.DGN
References files: DUVABASE.DGN A314TB2.DGN DUVAL.DGN A314SH05.DGN INDEX1.DGN

RECONNAISSANCE SURVEY OF THE
ATLANTIC INTRACOASTAL WATERWAY
FERNANDINA
TO ST. JOHNS RIVER, JACKSONVILLE
12-FOOT PROJECT
DUVAL COUNTY
CUT-14 THRU CUT-3
PLAN

DRAWING NO.

SHEET 6 OF 91

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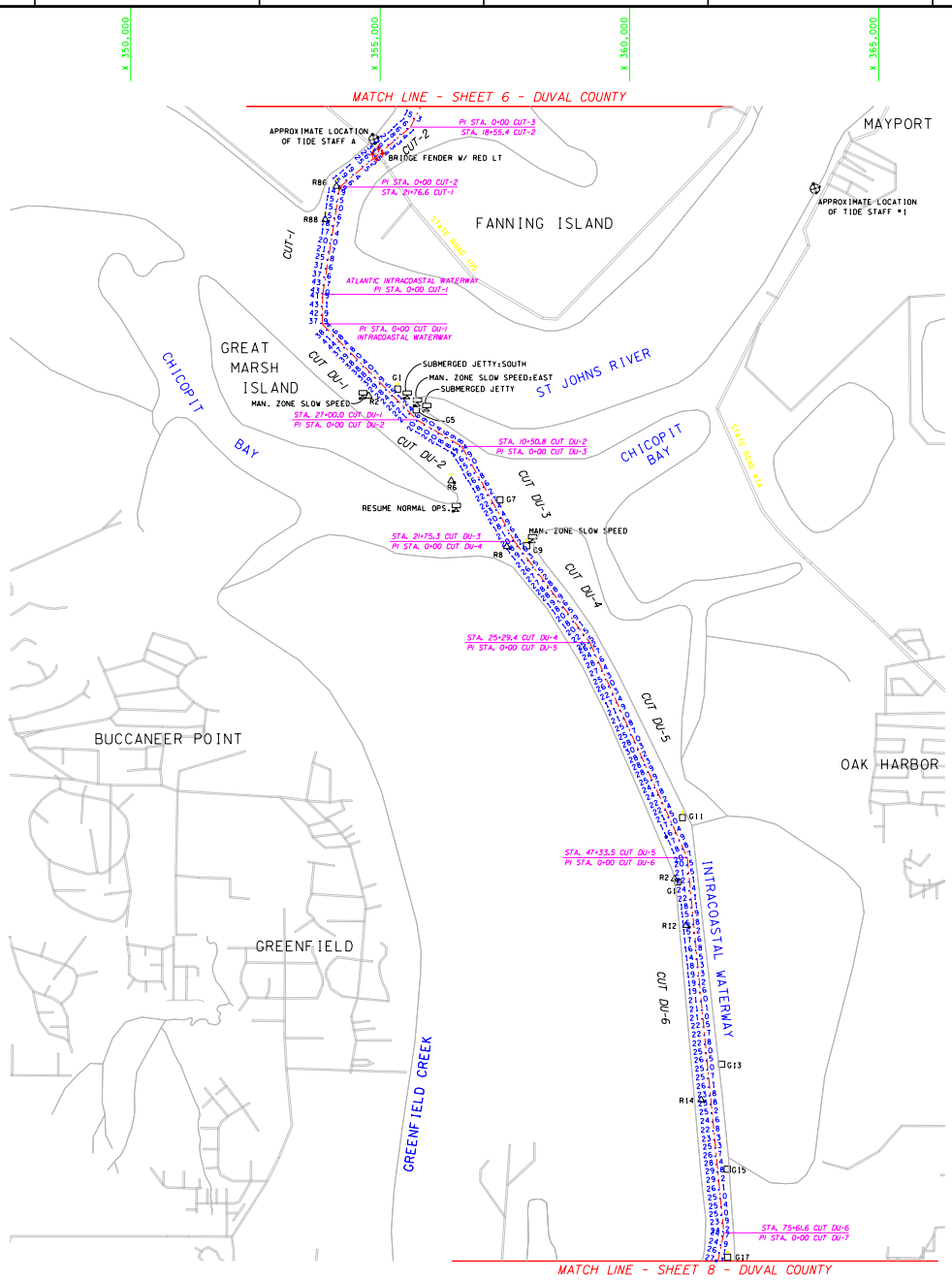
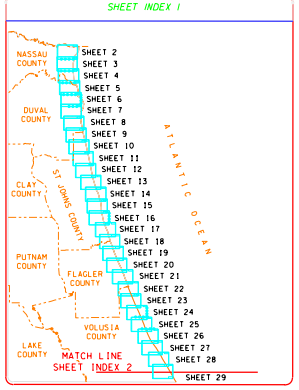


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
R86	354,122	2,202,689	30°23'31.09"	081°27'45.62"
R88	353,897	2,202,023	30°23'24.48"	081°27'48.16"
G1	355,352	2,198,622	30°22'50.88"	081°27'31.39"
R2	354,771	2,198,484	30°22'49.49"	081°27'38.01"
G5	355,721	2,198,203	30°22'46.75"	081°27'27.16"
R6	356,423	2,196,781	30°22'32.70"	081°27'19.08"
G7	357,406	2,196,401	30°22'28.98"	081°27'01.84"
G9	357,937	2,195,481	30°22'19.89"	081°27'01.73"
R8	357,537	2,195,461	30°22'19.68"	081°27'06.30"
G11	361,063	2,190,028	30°21'26.03"	081°26'25.81"
R2	360,904	2,188,801	30°21'13.88"	081°26'27.57"
G1	360,970	2,188,739	30°21'13.27"	081°26'26.81"
R12	361,134	2,187,868	30°21'04.66"	081°26'24.90"
G13	361,850	2,185,081	30°20'37.09"	081°26'16.61"
R14	361,440	2,184,369	30°20'30.03"	081°26'21.25"
G15	361,959	2,182,981	30°20'16.31"	081°26'15.27"
G17	361,968	2,181,215	30°19'58.83"	081°26'15.09"

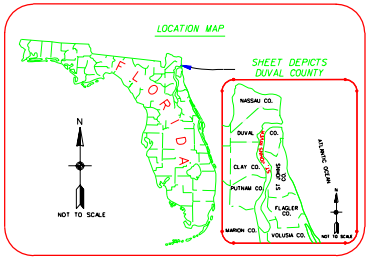
TIDE STAFF TABULATION

TIDE STAFF DESIGNATION	REFERENCE MONUMENT DESCRIPTION	EL FEET (NGVD)
TIDE STAFF A	FLORIDA SRD "V 325"	27.43
	FLORIDA SRD "W 325"	23.89
TIDE STAFF NO. 1	NOT USED	

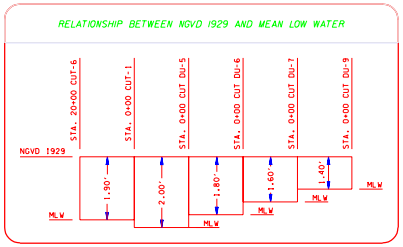
SHEET INDEX 1



LOCATION MAP



RELATIONSHIP BETWEEN NGVD 1929 AND MEAN LOW WATER



SURVEY LEGEND

	TIDE STAFF
	FLOATING BUOY
	INFORMATION SIGN
	BRIDGE FENDER
	RED NAVIGATIONAL AID
	GREEN NAVIGATIONAL AID
	RED NAVIGATIONAL AID WITH BEACON
	GREEN NAVIGATIONAL AID WITH BEACON

N

1000 500 0 1000 2000FT

SCALE: 1"=1000'

NOTES:
1. REFER TO SURVEY NO. 99-314.
2. SEE SHEET NO. 1 FOR 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

SEA SYSTEMS CORPORATION
2300 NORTHWEST 30TH PLACE
POMPANO BEACH, FLORIDA

Inv. No. DACW17-98-D-0004
Dated AS SHOWN
Scale
Plot scale
Plot center

Designed by
Dwn by S.B.M.
Ckd by K.C.J.

Dated APRIL, 2000
D.O.FILE NO. 8-37-988

File name: 12FTPROJ.DGN
References files: DUVABSE.DGN A314TB.DGN DUVALL.DGN A314SH06.DGN ABCE1.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
DUVAL COUNTY
CUT-3 THRU CUT DU-6
PLAN

DRAWING NO.

SHEET 7 OF 91

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