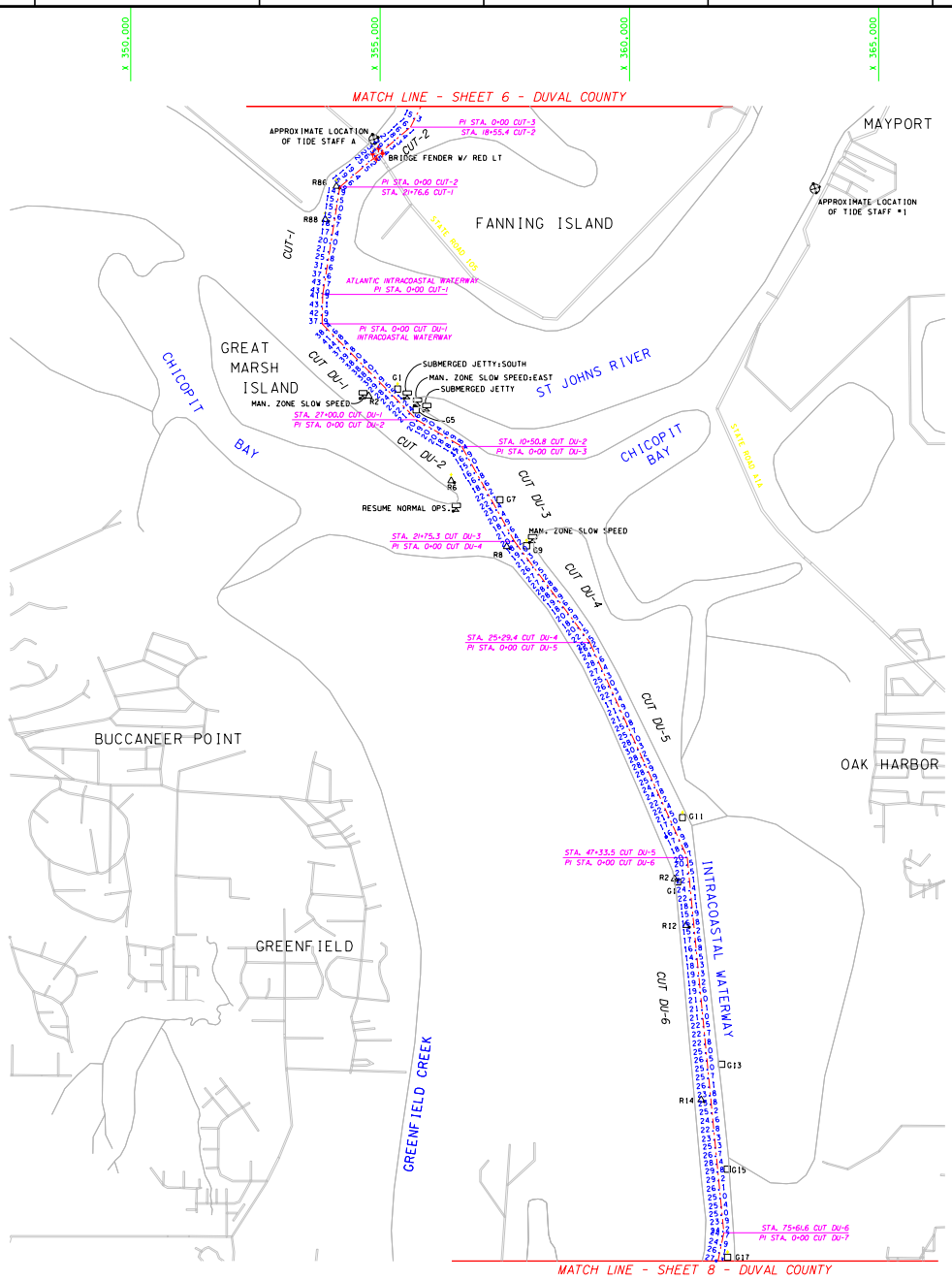
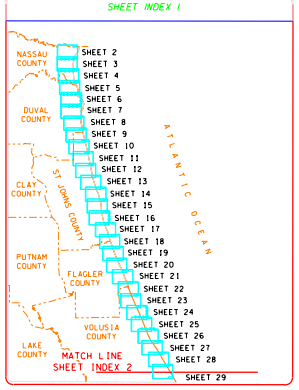


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
R86	354,122	2,202,689	30°23'31.09"	081°27'45.62"
R88	353,897	2,202,023	30°23'24.48"	081°27'48.16"
G1	355,352	2,198,622	30°22'50.88"	081°27'31.39"
R2	354,771	2,198,484	30°22'49.49"	081°27'38.01"
G5	355,721	2,198,203	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"

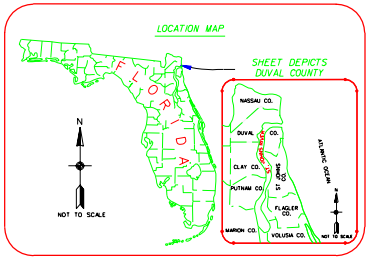
TIDE STAFF TABULATION

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	

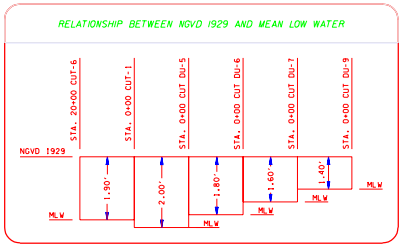
SHEET INDEX 1



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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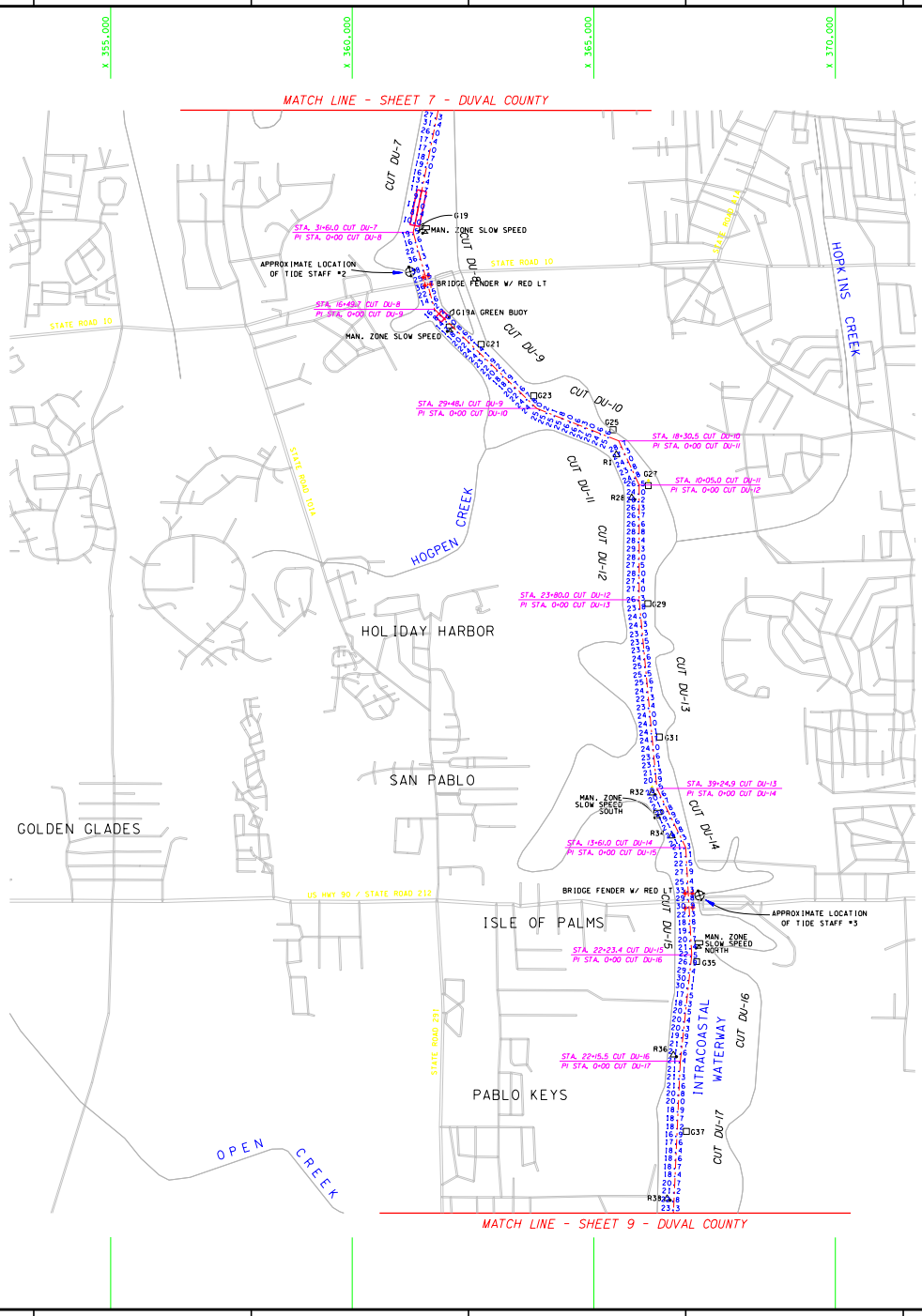
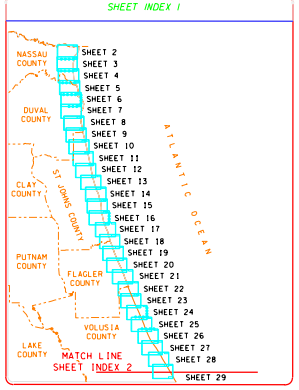


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
G19	361,383	2,178,635	30°19'33.27"	081°26'21.65"
G19A	362,009	2,176,851	30°19'15.63"	081°26'14.43"
G21	362,666	2,176,291	30°19'10.12"	081°26'06.91"
G23	363,756	2,175,224	30°18'59.60"	081°25'54.43"
G25	365,397	2,174,520	30°18'52.69"	081°25'35.68"
R1	365,468	2,174,002	30°18'47.56"	081°25'34.84"
G27	366,131	2,173,361	30°18'41.24"	081°25'27.25"
R28	365,782	2,173,110	30°18'38.75"	081°25'31.22"
G29	366,121	2,170,921	30°18'17.09"	081°25'27.26"
G31	366,360	2,168,155	30°17'49.72"	081°25'24.42"
R32	366,209	2,166,994	30°17'38.22"	081°25'26.09"
R34	366,618	2,166,107	30°17'29.45"	081°25'21.39"
G35	367,152	2,163,505	30°17'03.72"	081°25'15.42"
R36	366,648	2,161,569	30°16'44.54"	081°25'20.85"
G37	366,916	2,159,986	30°16'28.88"	081°25'17.73"
R38	366,516	2,158,593	30°16'15.07"	081°25'22.23"

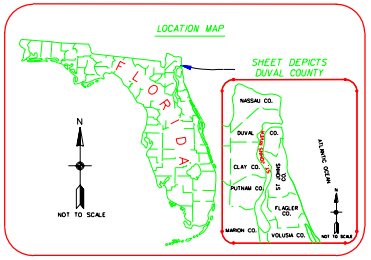
TIDE STAFF TABULATION

TIDE STAFF DESIGNATION	REFERENCE MONUMENT DESCRIPTION	EL FEET (NGVD)
TIDE STAFF NO. 2	USC&GS "X 324 1970"	8.56
	USC&GS "W 324 1970"	13.97
TIDE STAFF NO. 3	FLORIDA SRD "A 324"	40.42
	FLORIDA SRD "Z 323"	41.29

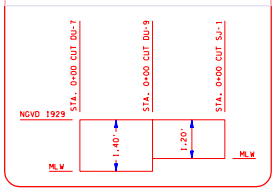
SHEET INDEX 1



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
Scale AS SHOWN
Designed by
Drawn by S.B.M.
Checked by K.C.J.
Plotted APRIL, 2000
D.O.F. FILE NO. 8-37-988

File name: CUT DU-7 THRU CUT DU-17 PLAN.DGN
References files: DUVABSE.DGN A314TB.DGN DUVALL.DGN A314SH08.DGN INDEX1.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
DUVAL COUNTY
CUT DU-7 THRU CUT DU-17
PLAN

DRAWING NO.

SHEET 8 OF 91

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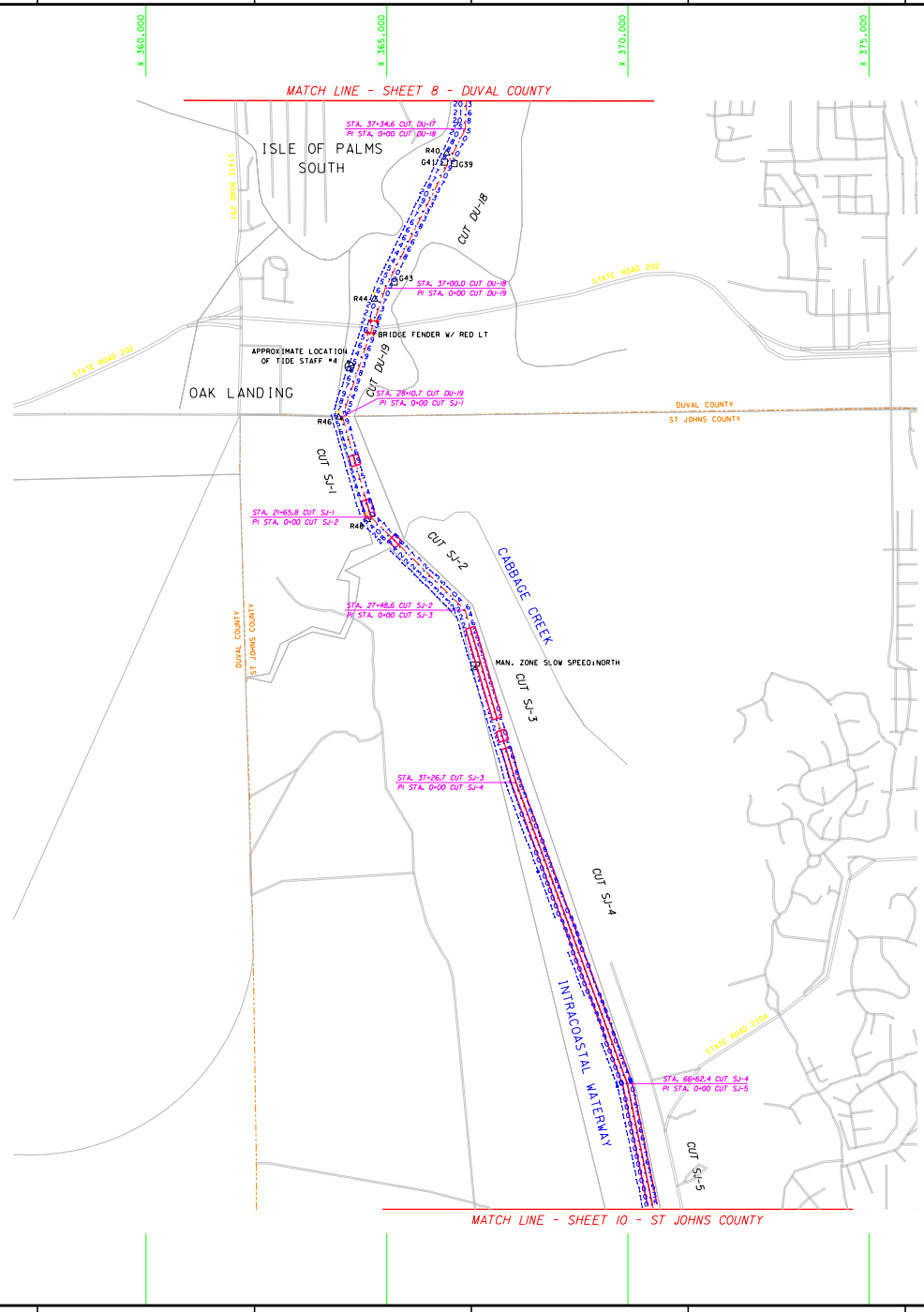
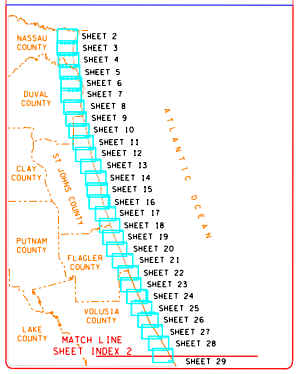


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
R40	366,239	2,157,201	30°16'01.28"	081°25'25.33"
G41	366,194	2,157,023	30°15'59.52"	081°25'25.84"
G39	366,397	2,156,991	30°15'59.21"	081°25'23.52"
G43	365,156	2,154,533	30°15'34.83"	081°25'37.57"
R44	364,743	2,154,177	30°15'31.29"	081°25'42.26"
R46	363,989	2,151,733	30°15'07.07"	081°25'50.75"
R48	364,591	2,149,600	30°14'45.98"	081°25'43.80"

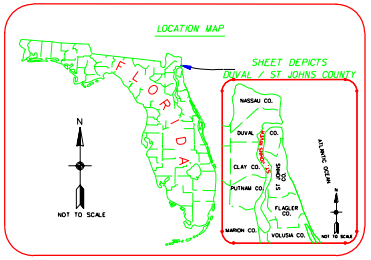
TIDE STAFF TABULATION

TIDE STAFF DESIGNATION	REFERENCE MONUMENT DESCRIPTION	EL FEET (NGVD)
TIDE STAFF NO. 4	NOS "0305 C 1978"	11.53
	NOS "0305 B 1978"	11.68

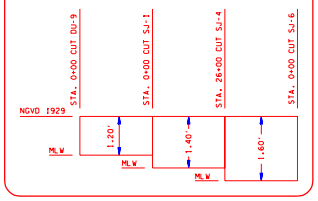
SHEET INDEX 1



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
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1000 500 0 1000 2000FT

SCALE: 1"=1000'

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Scale: AS SHOWN
Designed by: S.B.M.
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Chk by: K.C.J.
Plot scale:
Plot center:
Dated: APRIL, 2000
D.O.FILE NO. 8-37-988

File name: A314SH09.DGN
References files: A314BASE.DGN, S1JBRIDGE.DGN, A314TB.DGN, DUVABUCL.DGN, A314SH08.DGN, DUVACL.DGN, ST JOCL.DGN, ABCL1.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
DUVAL AND ST. JOHNS COUNTY
CUT DU-17 THRU SJ-5
PLAN

DRAWING NO.

SHEET 9 OF 91

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