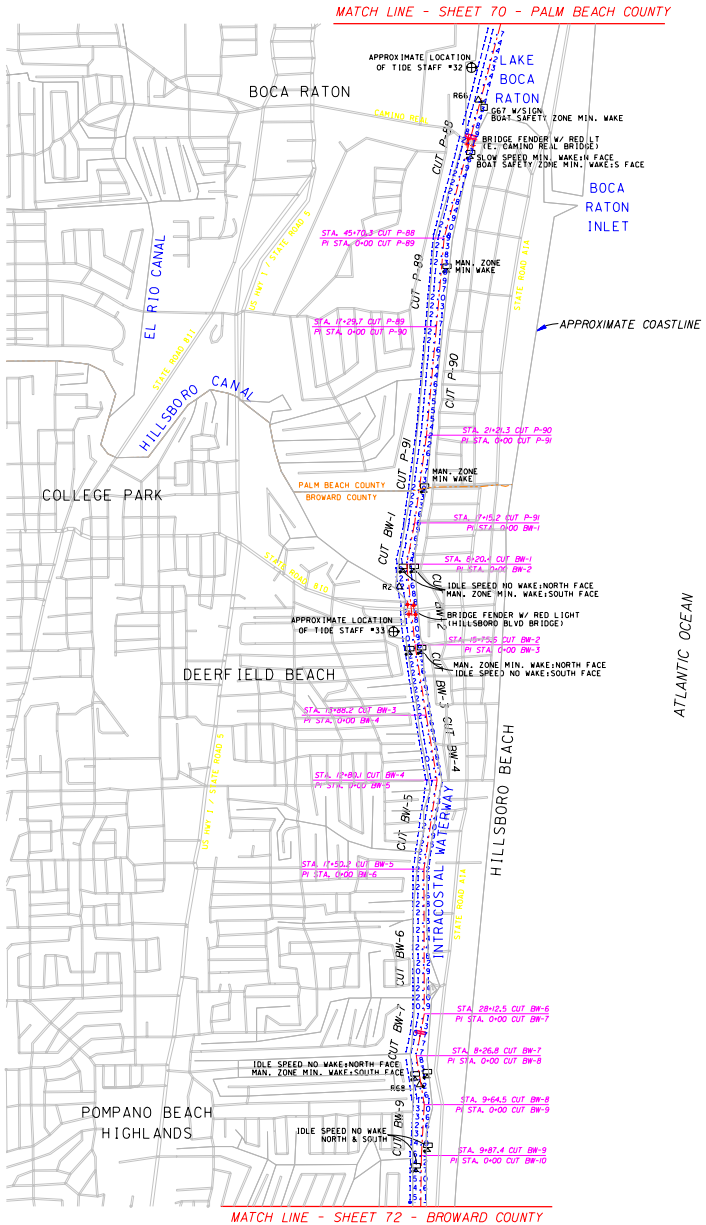
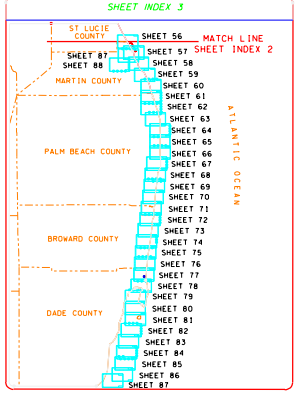


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
R66	802,308	730,783	26°20'28.61"	080°04'37.01"
G67	802,417	730,642	26°20'27.20"	080°04'35.83"
R2	800,767	721,318	26°18'54.97"	080°04'54.69"
R68	801,169	711,639	26°17'19.09"	080°04'51.03"

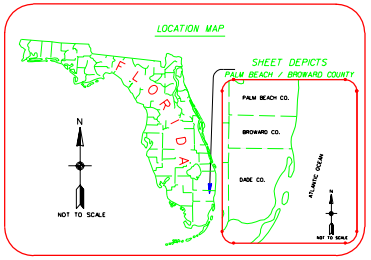
TIDE STAFF TABULATION

TIDE STAFF DESIGNATION	REFERENCE MONUMENT DESCRIPTION	EL FEET (NGVD)
TIDE STAFF NO. 32	USC&GS "E 312 1970"	5.37
	USC&GS "G 312 1970"	5.41
TIDE STAFF NO. 33	COE "NO IWBW 64 1957 JACKSONVILLE"	4.08
	FLORIDA SRD "26.30"	26.30

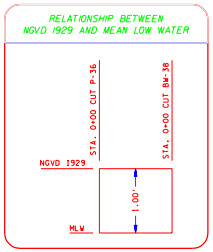
SHEET INDEX 3



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

Designed by: | Dwn by: S.B.M. | Ckd by: K.C.J. | Date: APRIL, 2000 | Scale: AS SHOWN | Plot date: | Plot scale: | Inv. No. DACW17-98-D-0004 | D.O. FILE NO. 120A-37-989

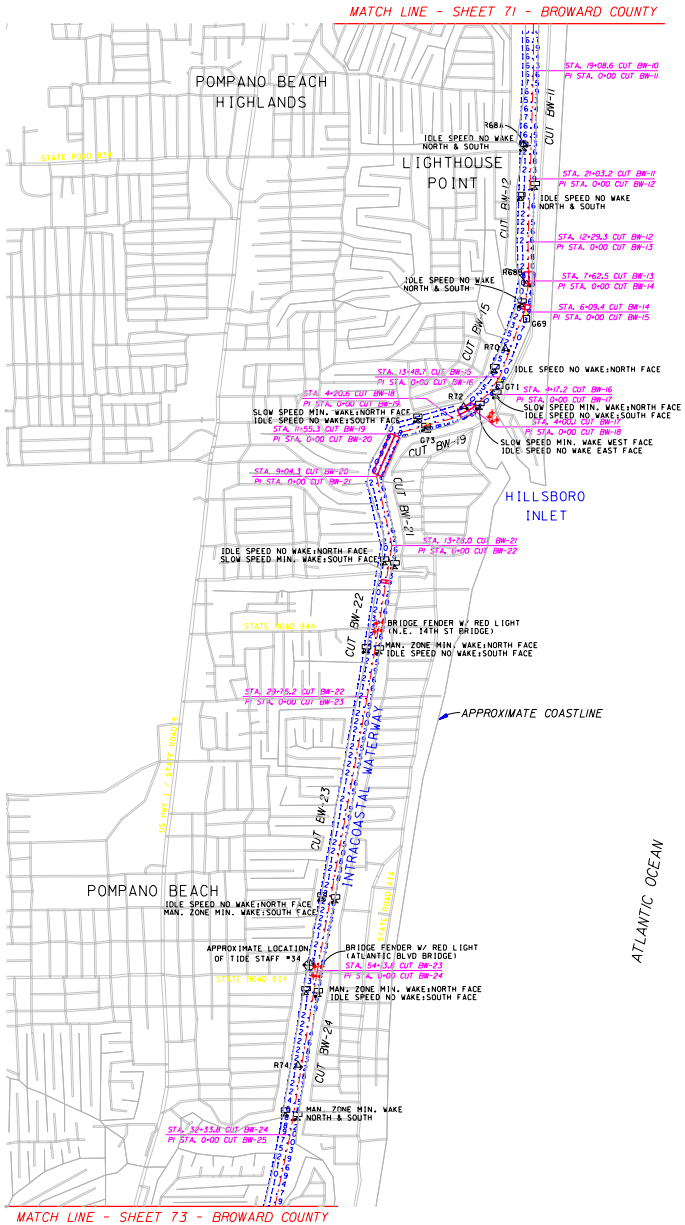
File name: A314SH71.DGN
Reference files: A314B3.DGN, PALMBASE.DGN, PALMCL.DGN, BROWBASE.DGN, BROWCL.DGN, A314SG0.DGN, RGB3.3.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
10-FOOT PROJECT
BROWARD AND PALM BEACH COUNTY
CUT P-88 THRU CUT BW-10
PLAN

DRAWING NO.

SHEET 71 OF 91

h:\iww\Dgn\a314SH71.dgn 10/16/00 02:29:54 PM

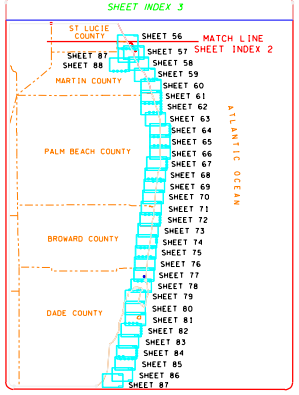


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
R68A	800,993	706,923	26°16'32.40"	080°04'53.34"
R68B	801,055	704,207	26°16'05.50"	080°04'52.86"
G69	801,052	703,534	26°15'58.83"	080°04'52.95"
R70	800,637	702,948	26°15'53.05"	080°04'57.55"
G71	800,437	702,486	26°15'48.49"	080°04'59.79"
R72	799,829	701,821	26°15'41.95"	080°05'06.51"
G73	799,131	701,382	26°15'37.65"	080°05'14.21"
R74	796,608	689,020	26°13'35.40"	080°05'42.87"

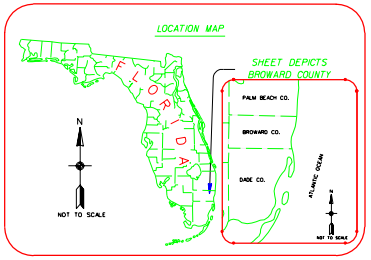
TIDE STAFF TABULATION

TIDE STAFF DESIGNATION	REFERENCE MONUMENT DESCRIPTION	EL FEET (NGVD)
TIDE STAFF NO. 34	FLORIDA SRD "14.745"	14.75
	FLORIDA SRD "12.120"	12.12

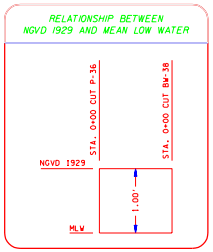
SHEET INDEX 3



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
Plot date
Plot scale

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

Dated APRIL, 2000

D.O.FILE NO. 120A-37-989

File name: 314SH72.DGN
Reference files: A314TB1.DGN BROWBASE.DGN BRIWCL.DGN ALANDSC.DGN NGD13.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
10-FOOT PROJECT
BROWARD COUNTY
CUT BW-10 THRU CUT BW-25
PLAN

DRAWING NO.

SHEET 72 OF 91

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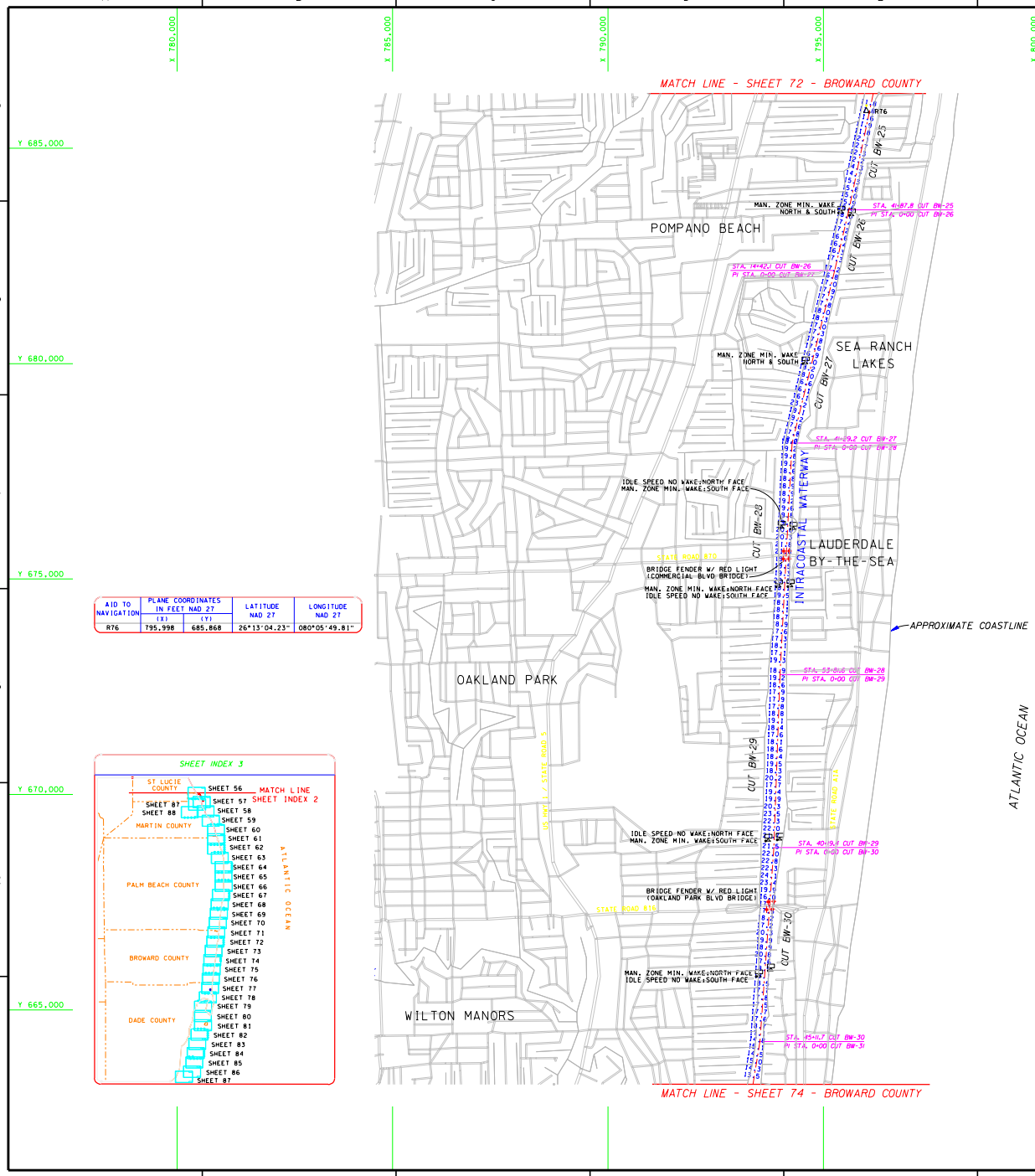
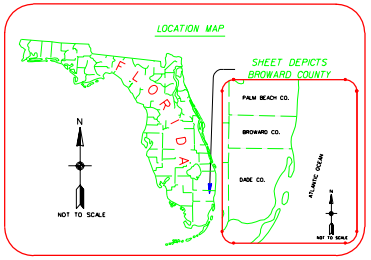
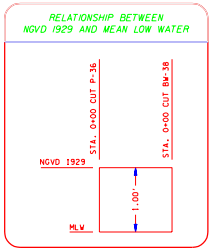


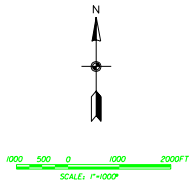
AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
R76	795,998	685,868	26°13'04.23"	080°05'49.81"





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



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
Plot scale:
Plot scale:
Designed by: S.B.M.
Drn by: K.C.J.
Ckd by:
Dated APRIL, 2000
D.O.FILE NO. 120A-37-989

File name: SHEET73.DGN
Reference files: A314B1.DGN, PALM4.DGN, BROWBASE.DGN, BROWCL.DGN, ALL4SHEET.DGN, NGS13.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
10-FOOT PROJECT
BROWARD COUNTY
CUT BW-25 THRU CUT BW-31
PLAN

DRAWING NO.

SHEET 73 OF 91

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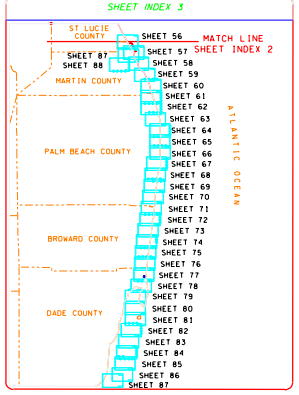
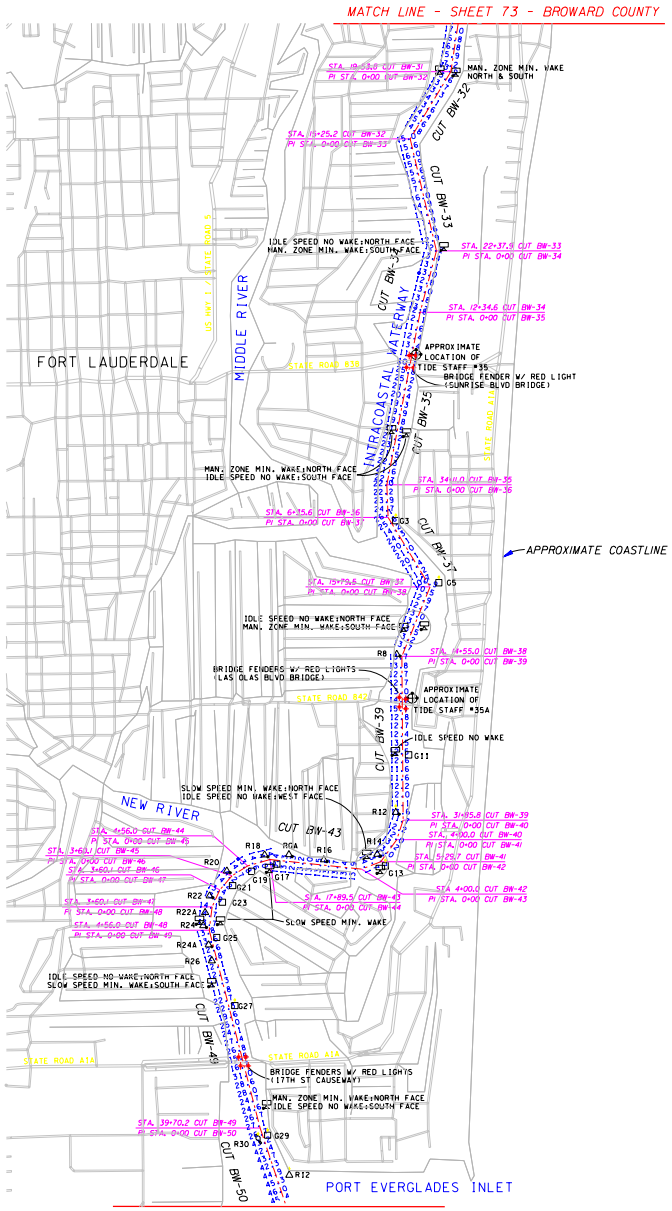
AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
G3	792,151	653,607	26°07'44.98"	080°06'34.48"
G5	792,988	652,402	26°07'32.99"	080°06'25.38"
R8	792,170	651,009	26°07'19.24"	080°06'34.47"
G11	792,400	649,052	26°06'59.85"	080°06'32.09"
R12	792,150	647,933	26°06'48.78"	080°06'34.91"
R14	791,792	647,118	26°06'40.74"	080°06'38.90"
RGA	790,075	647,112	26°06'40.80"	080°06'57.74"
R18	789,603	647,110	26°06'40.81"	080°07'02.91"
R16	790,750	647,015	26°06'39.79"	080°06'50.34"
G17	789,827	646,936	26°06'39.06"	080°07'00.47"
G13	791,910	646,892	26°06'38.49"	080°06'37.63"
R20	788,865	646,798	26°06'37.77"	080°07'11.04"
G19	789,350	646,789	26°06'37.64"	080°07'05.72"
G21	788,977	646,513	26°06'34.93"	080°07'09.83"
R22	788,532	646,312	26°06'32.97"	080°07'14.72"
G23	788,781	646,189	26°06'31.74"	080°07'12.00"
R22A	788,441	645,991	26°06'29.80"	080°07'15.75"
R24	788,404	645,730	26°06'27.22"	080°07'16.17"
G25	788,671	645,504	26°06'24.96"	080°07'13.26"
R24A	788,513	645,359	26°06'23.53"	080°07'15.00"
R26	788,573	645,052	26°06'20.49"	080°07'14.37"
G27	789,021	644,179	26°06'11.81"	080°07'09.52"
G29	789,663	641,629	26°05'46.52"	080°07'02.67"
R30	789,526	641,512	26°05'45.37"	080°07'04.18"
R12	790,078	640,883	26°05'39.10"	080°06'58.17"

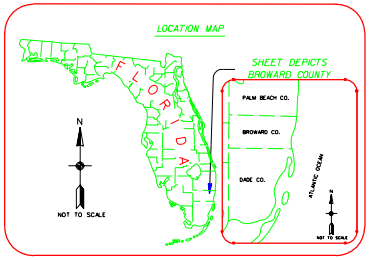
TIDE STAFF TABULATION

TIDE STAFF DESIGNATION	REFERENCE MONUMENT DESCRIPTION	EL FEET (NGVD)
TIDE STAFF NO. 35	NOT USED	
TIDE STAFF NO. 35A	FLORIDA SRD "BM NO 2 ELEV 9.305"	9.27
	FLORIDA SRD "BM 1 12.73"	12.73

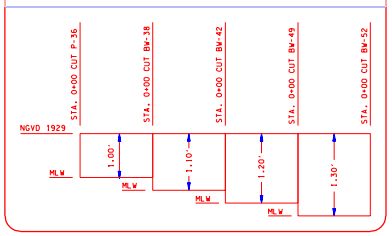
SHEET INDEX 3







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
Plotter
Plot scale
Dated APRIL, 2000
D.O.FILE NO. 120A-37-989

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

File name: CUT BW-31 THRU CUT BW-50.DGN
Reference files: A314TB3.DGN BROWBASE.DGN BRWCL.DGN AERIAL.DGN NGS13.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
10-FOOT PROJECT
BROWARD COUNTY
CUT BW-31 THRU CUT BW-50
PLAN

DRAWING NO.

SHEET 74 OF 91

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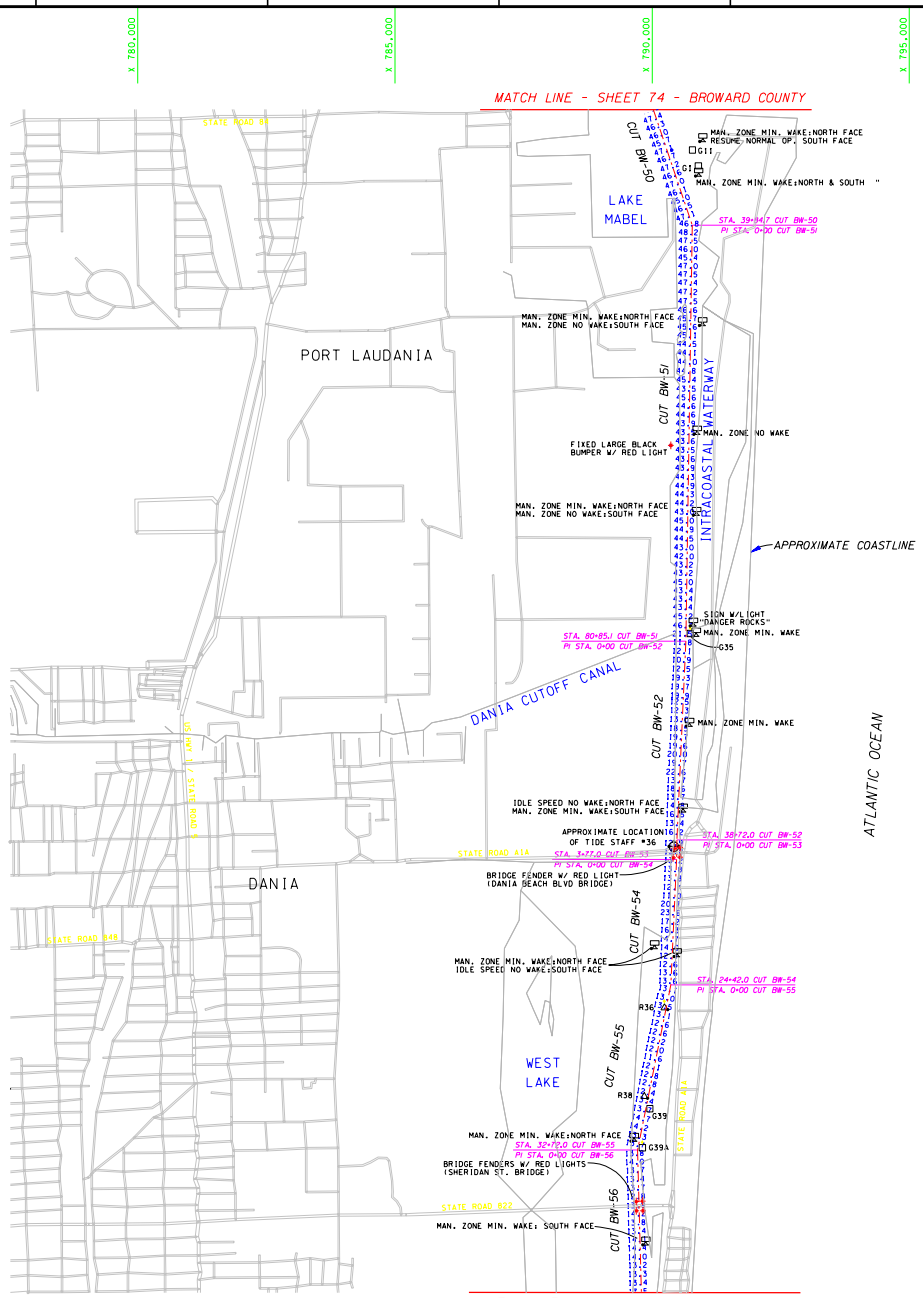
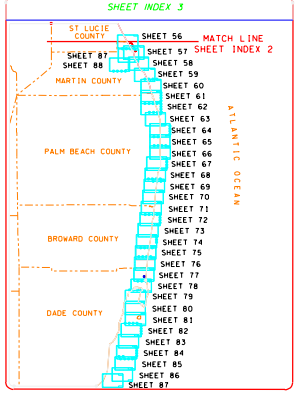


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
G11	790,784	639,486	26°05'25.22"	080°06'50.53"
G1	790,899	639,158	26°05'21.96"	080°06'49.29"
G35	790,740	630,086	26°03'52.12"	080°06'51.72"
R36	790,237	622,811	26°02'40.10"	080°06'57.77"
R38	789,849	621,084	26°02'23.03"	080°07'02.16"
G39	789,956	620,847	26°02'20.67"	080°07'01.00"
G39A	789,808	620,071	26°02'13.00"	080°07'02.68"

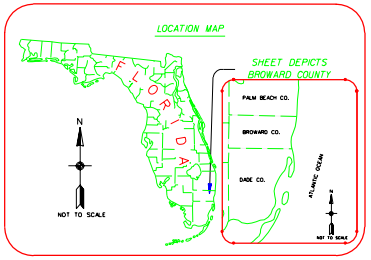
TIDE STAFF TABULATION

TIDE STAFF DESIGNATION	REFERENCE MONUMENT DESCRIPTION	EL FEET (NGVD)
TIDE STAFF NO. 36	COE "IWBW 126 1962"	27.32
	FLORIDA DOT "86 71 B19"	26.06

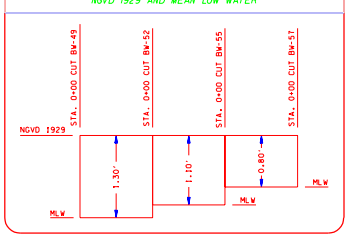
SHEET INDEX 3



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
Plot scale:
Plot center:
Dated APRIL, 2000
D.O.FILE NO. 120A-37-989

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

File name: A314SH75.DGN
References: A314TB3.DGN BROWBASE.DGN BRWCL.DGN A314SH01.DGN NGD13.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
10-FOOT PROJECT
BROWARD COUNTY
CUT BW-50 THRU CUT BW-56
PLAN

DRAWING NO.

SHEET 75 OF 91

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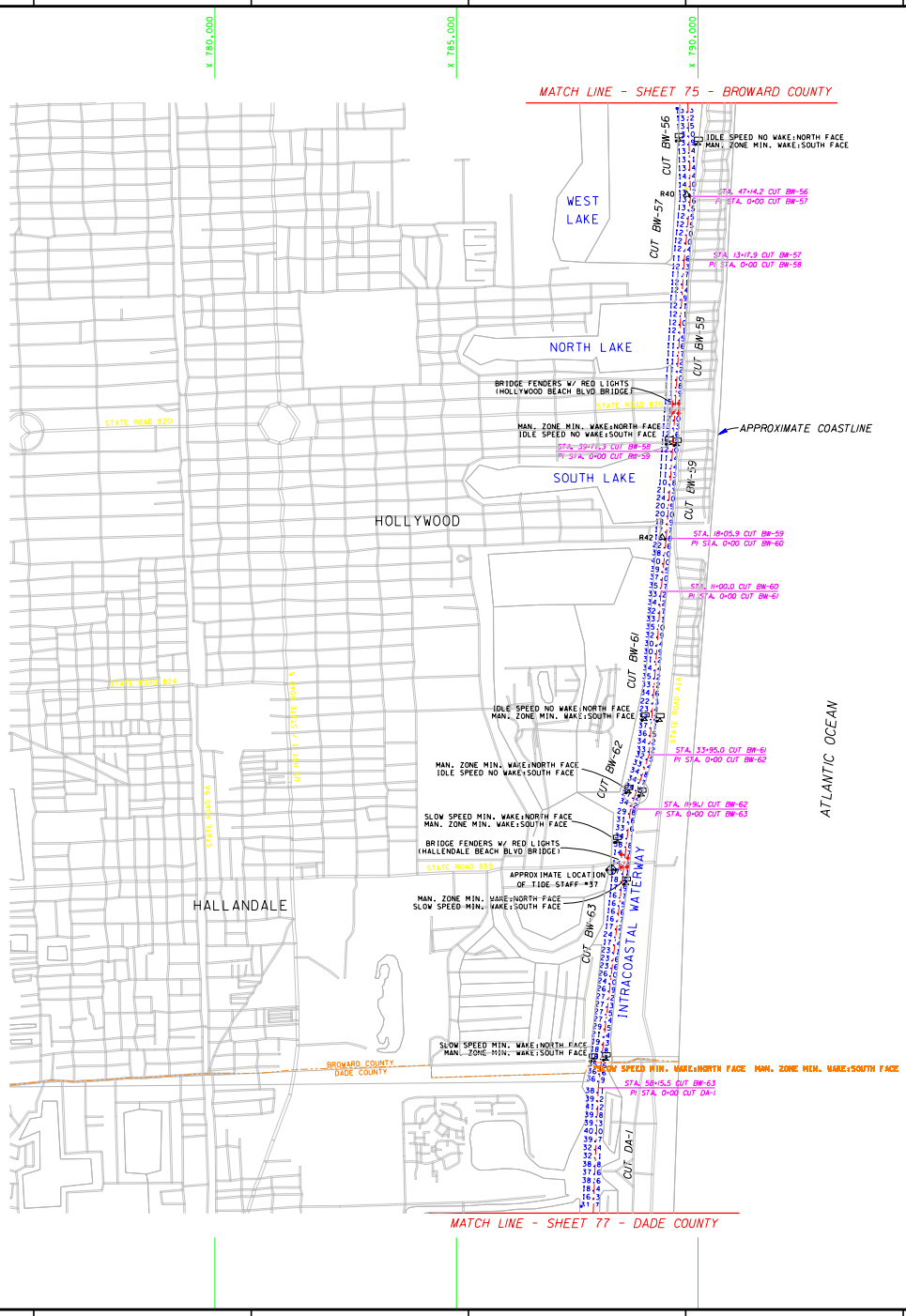
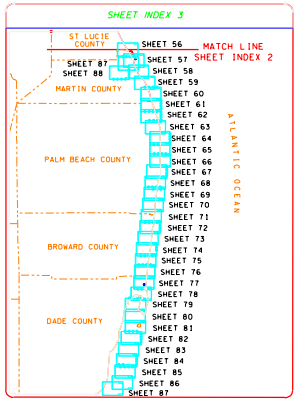


AID TO NAVIGATION	PLANE COORDINATES IN FEET NAD 27 (X)	(Y)	LATITUDE NAD 27	LONGITUDE NAD 27
R40	789,762	615,378	26°01'26.51"	080°07'03.53"
R42	789,262	608,270	26°00'16.16"	080°07'09.54"

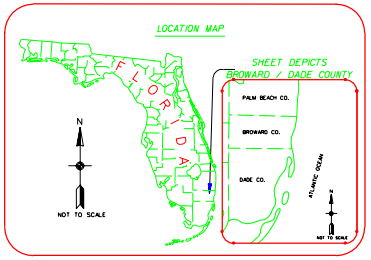
TIDE STAFF TABULATION

TIDE STAFF DESIGNATION	REFERENCE MONUMENT DESCRIPTION	EL FEET (NGVD)
TIDE STAFF NO. 37	COE "IWBW 132 1962 JACKSONVILLE FLA"	26.88
	FLORIDA SRD "25.54"	25.54

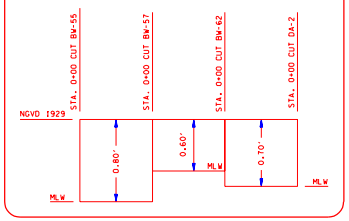
SHEET INDEX 3



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.
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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. 120A-37-989

Designed by:
Dwn by: S.B.M.
Ckd by: K.C.J.
Scale: AS SHOWN
Plot date:
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File name: a314SH76.DGN
Reference files: A314TB3.DGN, BROWBASE.DGN, BROWCL.DGN, BROWLINE.DGN, DADECL.DGN, A314SOC.DGN, RDCE3.DGN

RECONNAISSANCE SURVEY OF THE
INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
10-FOOT PROJECT
DADE AND BROWARD COUNTY
CUT BW-56 THRU CUT DA-1
PLAN

DRAWING NO.

SHEET 76 OF 91

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