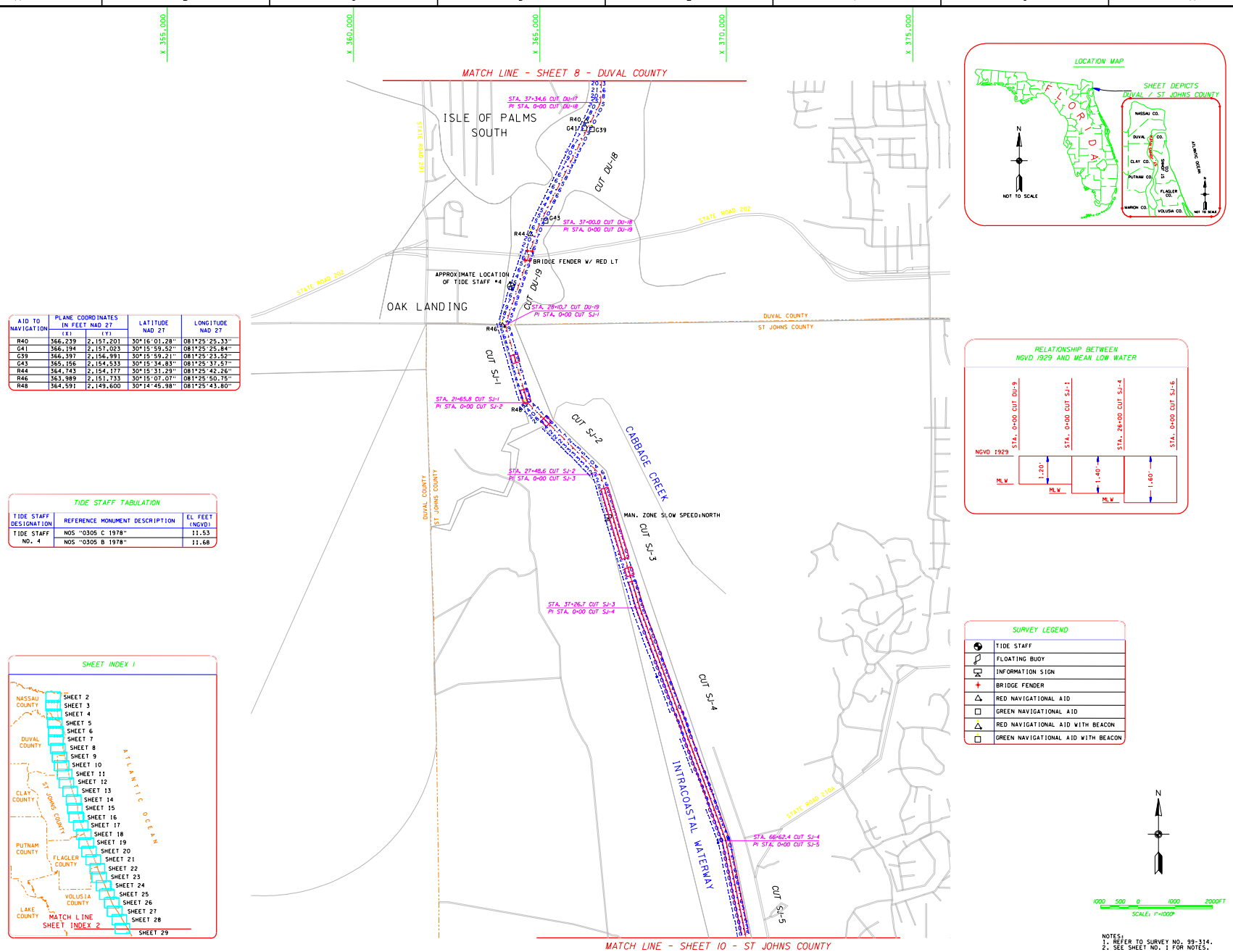


| AID TO NAVIGATION | PLANE COORDINATES IN FEET NAD 27 (X) | (Y) | LATITUDE NAD 27 | LONGITUDE NAD 27 |
|---|---|---|---|---|
| R40 | 366,239 | 2,157,201 | 30°16'01.28" | 081°25'25.33" |
| G41 | 366,194 | 2,157,023 | 30°15'59.52" | 081°25'25.84" |
| G39 | 366,397 | 2,156,991 | 30°15'59.21" | 081°25'23.52" |
| 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 |
| 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

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DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

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

Proj. No. DACW17-98-D-0004
Scale: AS SHOWN
Drawn by: K.C.J.
Checked by: S.E.M.
Designed by:
Dated: APRIL, 2000
D.O.F. FILE NO. 8-37-988

File name: A314SH09.DGN
Reference files: S1JOBASE.DGN, A314TB.DGN, DUVABASE.DGN, A314SJ.DGN, DUVACL.DGN, STJOCL.DGN, ADELTA.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

| No. | Symbol | Zone | Description | Approved |
|---|---|---|---|---|

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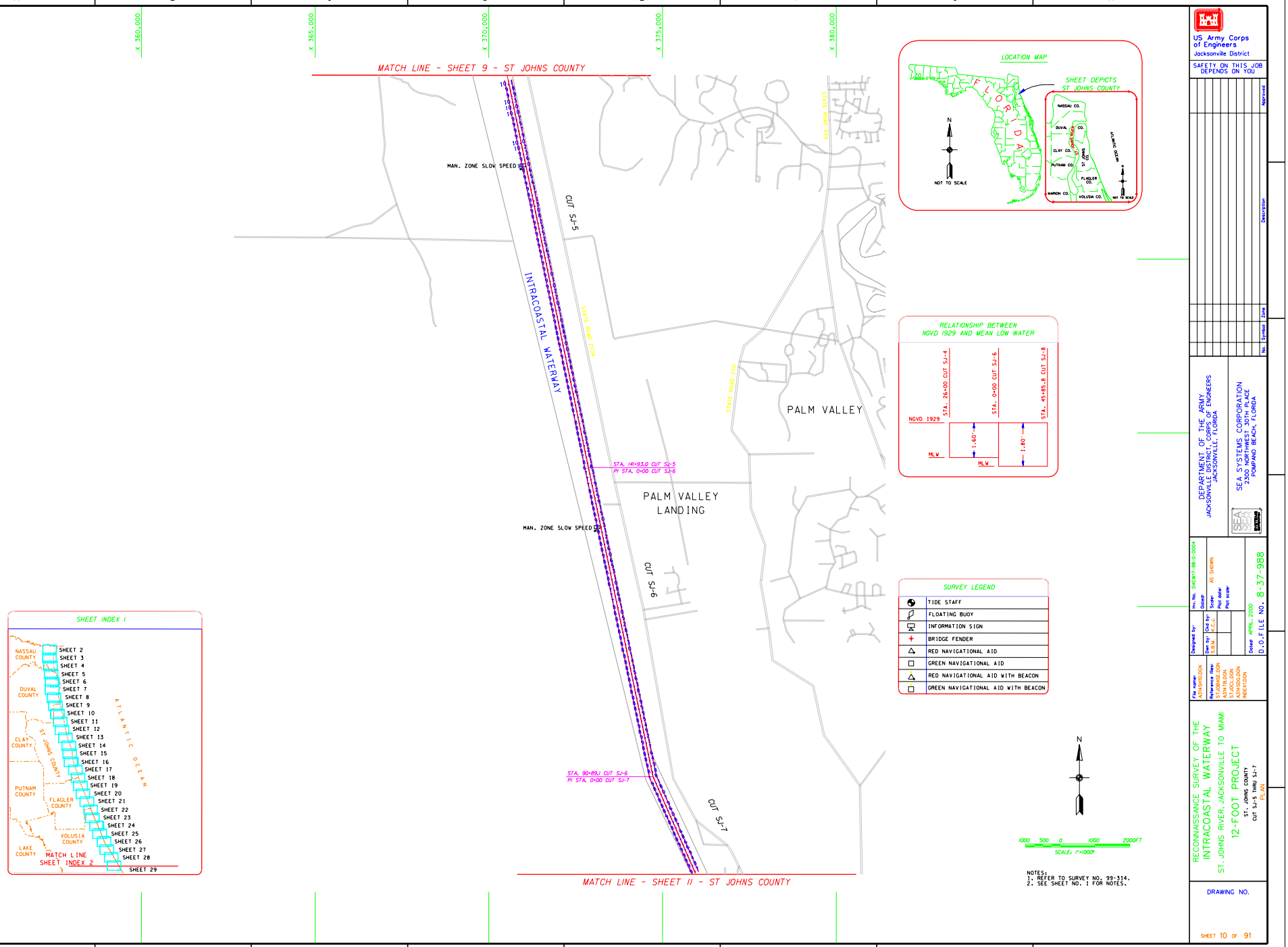


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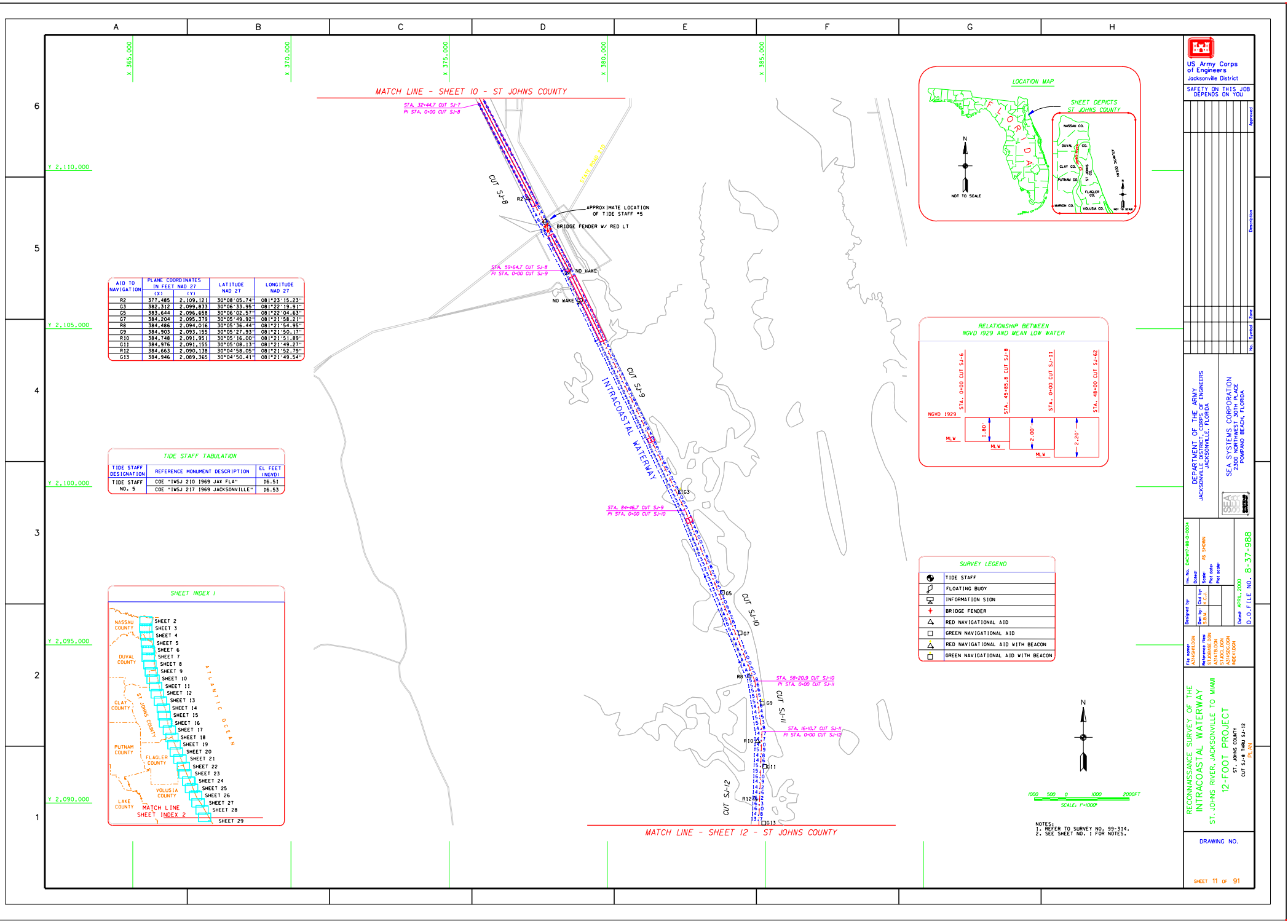


| AID TO NAVIGATION | PLANE COORDINATES IN FEET NAD 27 (X) | (Y) | LATITUDE NAD 27 | LONGITUDE NAD 27 |
|---|---|---|---|---|
| R2 | 377,485 | 2,109,121 | 30°08'05.74" | 081°23'15.23" |
| G3 | 382,312 | 2,099,833 | 30°06'33.95" | 081°22'19.91" |
| G5 | 383,644 | 2,096,658 | 30°06'02.57" | 081°22'04.63" |
| G7 | 384,204 | 2,095,378 | 30°05'49.92" | 081°21'58.21" |
| R8 | 384,486 | 2,094,016 | 30°05'36.44" | 081°21'54.95" |
| G9 | 384,903 | 2,093,155 | 30°05'27.93" | 081°21'50.17" |
| R10 | 384,748 | 2,091,951 | 30°05'16.00" | 081°21'51.89" |
| G11 | 384,976 | 2,091,155 | 30°05'08.13" | 081°21'49.27" |
| R12 | 384,663 | 2,090,138 | 30°04'58.05" | 081°21'52.79" |
| G13 | 384,946 | 2,089,365 | 30°04'50.41" | 081°21'49.54" |

TIDE STAFF TABULATION

| TIDE STAFF DESIGNATION | REFERENCE MONUMENT DESCRIPTION | EL FEET (NGVD) |
|---|---|---|
| TIDE STAFF NO. 5 | COE "IWSJ 210 1969 JAX FLA" | 16.51 |
| | COE "IWSJ 217 1969 JACKSONVILLE" | 16.53 |

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 |




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

US Army Corps of Engineers
Jacksonville District

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

Designed by
Drawn by S.B.M.
Checked by K.C.J.

File name: A314SH11.DGN
Reference files: S1JOBASE.DGN, A314TB.DGN, S1JOCL1.DGN, A314CL1.DGN, INDEX1.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
ST. JOHNS COUNTY
CUT SJ-8 THRU SJ-12
PLAN

DRAWING NO.

SHEET 11 OF 91

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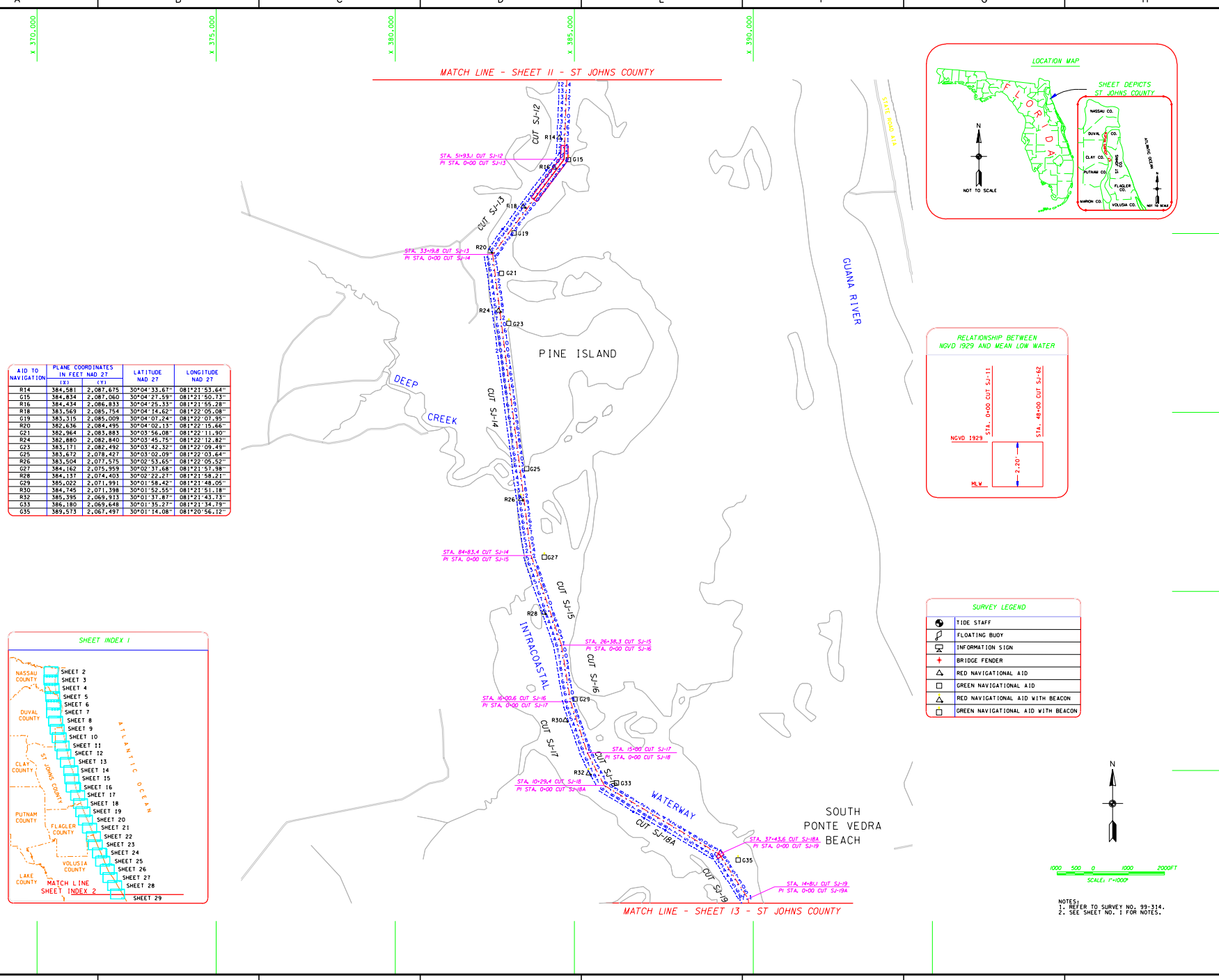


| AID TO NAVIGATION | PLANE COORDINATES IN FEET NAD 27 (X) | (Y) | LATITUDE NAD 27 | LONGITUDE NAD 27 |
|---|---|---|---|---|
| R14 | 384,581 | 2,087,675 | 30°04'33.67" | 081°21'53.64" |
| G15 | 384,834 | 2,087,060 | 30°04'27.59" | 081°21'50.73" |
| R16 | 384,434 | 2,086,833 | 30°04'25.33" | 081°21'55.28" |
| R18 | 383,569 | 2,085,754 | 30°04'14.62" | 081°22'05.08" |
| G19 | 383,315 | 2,085,009 | 30°04'07.24" | 081°22'07.95" |
| R20 | 382,636 | 2,084,495 | 30°04'02.13" | 081°22'15.66" |
| G21 | 382,964 | 2,083,883 | 30°03'56.08" | 081°22'11.90" |
| R24 | 382,880 | 2,082,840 | 30°03'45.75" | 081°22'12.82" |
| G23 | 383,171 | 2,082,492 | 30°03'42.32" | 081°22'09.49" |
| G25 | 383,672 | 2,078,427 | 30°03'02.09" | 081°22'03.64" |
| R26 | 383,504 | 2,077,575 | 30°02'53.65" | 081°22'05.52" |
| G27 | 384,162 | 2,075,959 | 30°02'37.68" | 081°21'57.98" |
| R28 | 384,137 | 2,074,403 | 30°02'22.27" | 081°21'58.21" |
| G29 | 385,022 | 2,071,991 | 30°01'58.42" | 081°21'48.05" |
| R30 | 384,745 | 2,071,398 | 30°01'52.55" | 081°21'51.18" |
| R32 | 385,395 | 2,069,913 | 30°01'37.87" | 081°21'43.73" |
| G33 | 386,180 | 2,069,648 | 30°01'35.27" | 081°21'34.79" |
| G35 | 389,573 | 2,067,497 | 30°01'14.08" | 081°20'56.12" |

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

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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

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

Approved | Description | Zone | Symbol | No.

Inv. No. DACW17-98-D-0004
Scale: AS SHOWN
Plot scale:
Plot center:
Designed by:
Drawn by: S.B.M.
Chkd by: K.C.J.
Dated: APRIL, 2000
D.O.F. FILE NO. 8-37-988

File name: a314SH12.DGN
Reference files: S1:\DGN\E_DGN\A314TB.DGN S1:\DGN\L_DGN\A314CL.DGN S1:\DGN\L_DGN\INDEX.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
ST. JOHNS COUNTY
CUT SJ-12 THRU CUT SJ-17 AND "UNCONTROLLED" P.I. 3
PLAN

DRAWING NO.

SHEET 12 OF 91

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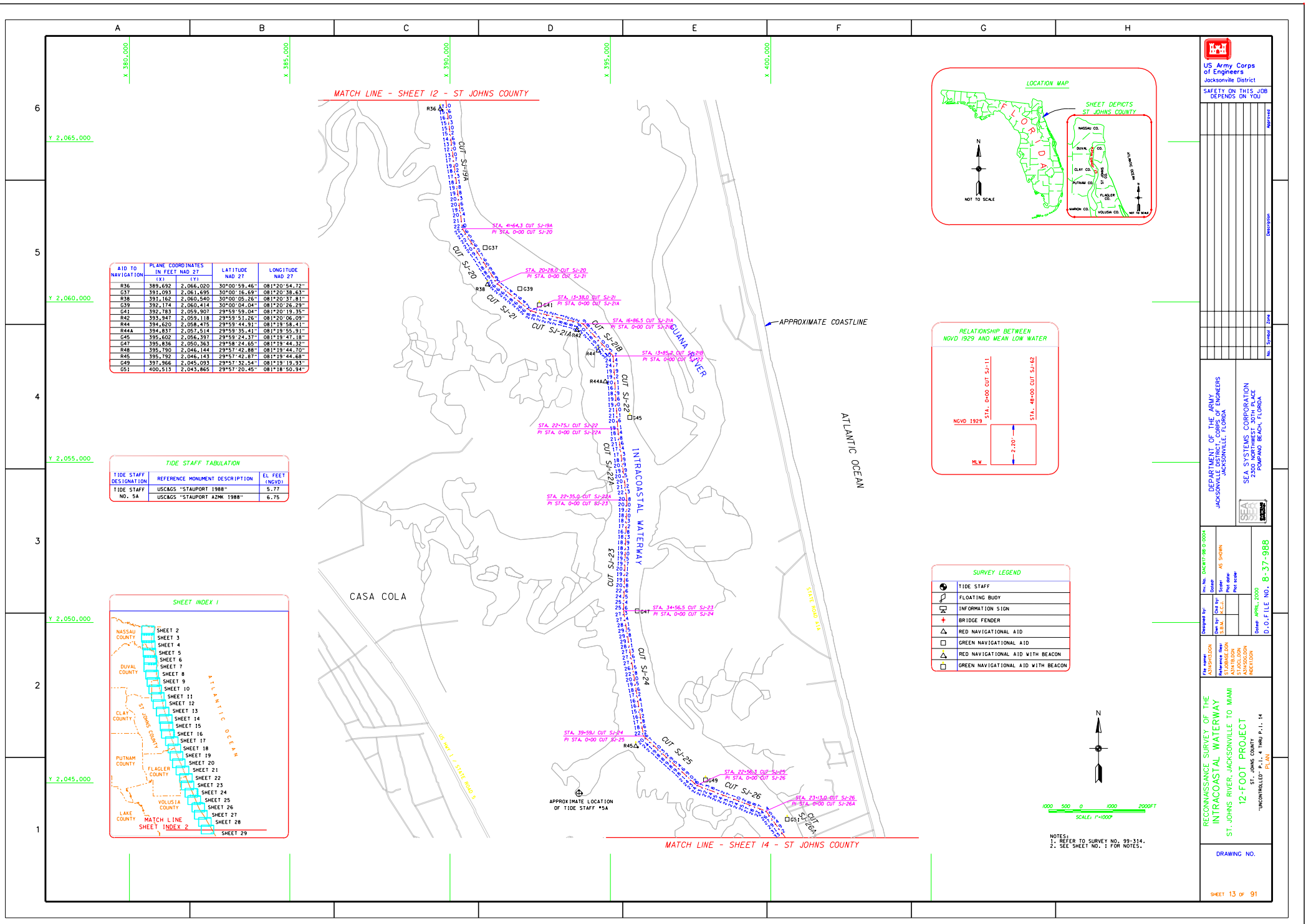


| AID TO NAVIGATION | PLANE COORDINATES IN FEET NAD 27 (X) | (Y) | LATITUDE NAD 27 | LONGITUDE NAD 27 |
|---|---|---|---|---|
| R36 | 389,692 | 2,066,020 | 30°00'59.46" | 081°20'54.72" |
| G37 | 391,093 | 2,061,695 | 30°00'16.69" | 081°20'38.63" |
| R38 | 391,162 | 2,060,540 | 30°00'05.26" | 081°20'37.81" |
| G39 | 392,174 | 2,060,414 | 30°00'04.04" | 081°20'26.29" |
| G41 | 392,783 | 2,059,907 | 29°59'59.04" | 081°20'19.35" |
| R42 | 393,947 | 2,059,118 | 29°59'51.26" | 081°20'06.09" |
| R44 | 394,620 | 2,058,475 | 29°59'44.91" | 081°19'58.41" |
| R44A | 394,837 | 2,057,514 | 29°59'35.41" | 081°19'55.91" |
| G45 | 395,602 | 2,056,397 | 29°59'24.37" | 081°19'47.18" |
| G47 | 395,836 | 2,050,363 | 29°58'24.65" | 081°19'44.32" |
| R48 | 395,790 | 2,046,144 | 29°57'42.88" | 081°19'44.70" |
| R45 | 395,792 | 2,046,143 | 29°57'42.87" | 081°19'44.68" |
| G49 | 397,966 | 2,045,093 | 29°57'32.54" | 081°19'19.93" |
| G51 | 400,513 | 2,043,865 | 29°57'20.45" | 081°18'50.94" |

### TIDE STAFF TABULATION

| TIDE STAFF DESIGNATION | REFERENCE MONUMENT DESCRIPTION | EL FEET (NGVD) |
|---|---|---|
| TIDE STAFF NO. 5A | USC&GS "STAUPORT 1988" | 5.77 |
| | USC&GS "STAUPORT AZMK 1988" | 6.75 |

### SHEET INDEX 1










### 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.

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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:
Designed by:
Drawn by: S.B.M.
Chkd by: K.C.J.
Dated: APRIL, 2000
D.O.F.ILE NO. 8-37-988

File name: a314SH13.DGN
Reference files: S1JOBASE.DGN, A314TB.DGN, S1JOCL.DGN, A314CL.DGN, INDEX.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
ST. JOHNS COUNTY
"UNCONTROLLED" P.I. 4 THRU P.I. 14
PLAN

DRAWING NO.

SHEET 13 OF 91

| No. | Symbol | Zone | Description | Approved |
|---|---|---|---|---|

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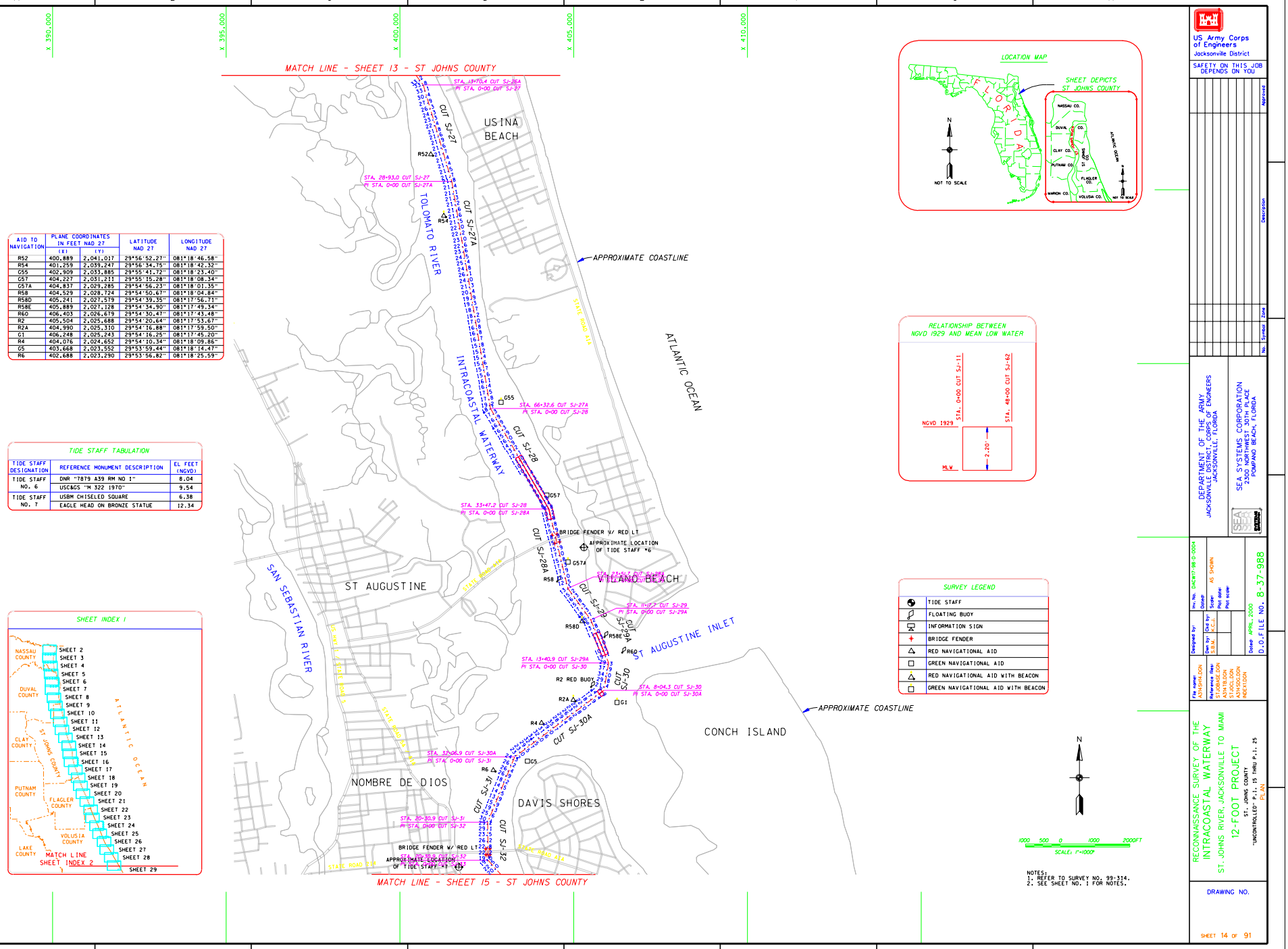


| AID TO NAVIGATION | PLANE COORDINATES IN FEET NAD 27 (X) | (Y) | LATITUDE NAD 27 | LONGITUDE NAD 27 |
|---|---|---|---|---|
| R52 | 400,889 | 2,041,017 | 29°56'52.27" | 081°18'46.58" |
| R54 | 401,259 | 2,039,247 | 29°56'34.75" | 081°18'42.32" |
| G55 | 402,909 | 2,033,885 | 29°55'41.72" | 081°18'23.40" |
| G57 | 404,227 | 2,031,211 | 29°55'15.28" | 081°18'08.34" |
| G57A | 404,837 | 2,029,285 | 29°54'56.23" | 081°18'01.35" |
| R58 | 404,529 | 2,028,724 | 29°54'50.67" | 081°18'04.84" |
| R58D | 405,241 | 2,027,579 | 29°54'39.35" | 081°17'56.71" |
| R58E | 405,889 | 2,027,128 | 29°54'34.90" | 081°17'49.34" |
| R60 | 406,403 | 2,026,679 | 29°54'30.47" | 081°17'43.48" |
| R2 | 405,504 | 2,025,688 | 29°54'20.64" | 081°17'53.67" |
| R2A | 404,990 | 2,025,310 | 29°54'16.88" | 081°17'59.50" |
| G1 | 406,248 | 2,025,243 | 29°54'16.25" | 081°17'45.20" |
| R4 | 404,076 | 2,024,652 | 29°54'10.34" | 081°18'09.86" |
| G5 | 403,668 | 2,023,552 | 29°53'59.44" | 081°18'14.47" |
| R6 | 402,688 | 2,023,290 | 29°53'56.82" | 081°18'25.59" |

### TIDE STAFF TABULATION

| TIDE STAFF DESIGNATION | REFERENCE MONUMENT DESCRIPTION | EL FEET (NGVD) |
|---|---|---|
| TIDE STAFF NO. 6 | DNR "7879 A39 RM NO 1" | 8.04 |
| | USC&GS "M 322 1970" | 9.54 |
| TIDE STAFF NO. 7 | USBM CHISELED SQUARE | 6.38 |
| | EAGLE HEAD ON BRONZE STATUE | 12.34 |

### SHEET INDEX 1










### 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.

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JACKSONVILLE, FLORIDA

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

Proj. No. CACW17-98-D-0004
Scale: AS SHOWN
Plotted: APRIL, 2000
D.O.FILE NO. 8-37-988

Designed by: CSM
Drawn by: CSM
Checked by: KCJ
Traced by:
Reviewed by: STJOSEPH
Submitted by: STJOSEPH
File name: STJOSEPH

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
ST. JOHNS COUNTY
"UNCONTROLLED" P.I. 15 THRU P.I. 25
PLAN

DRAWING NO.

SHEET 14 OF 91

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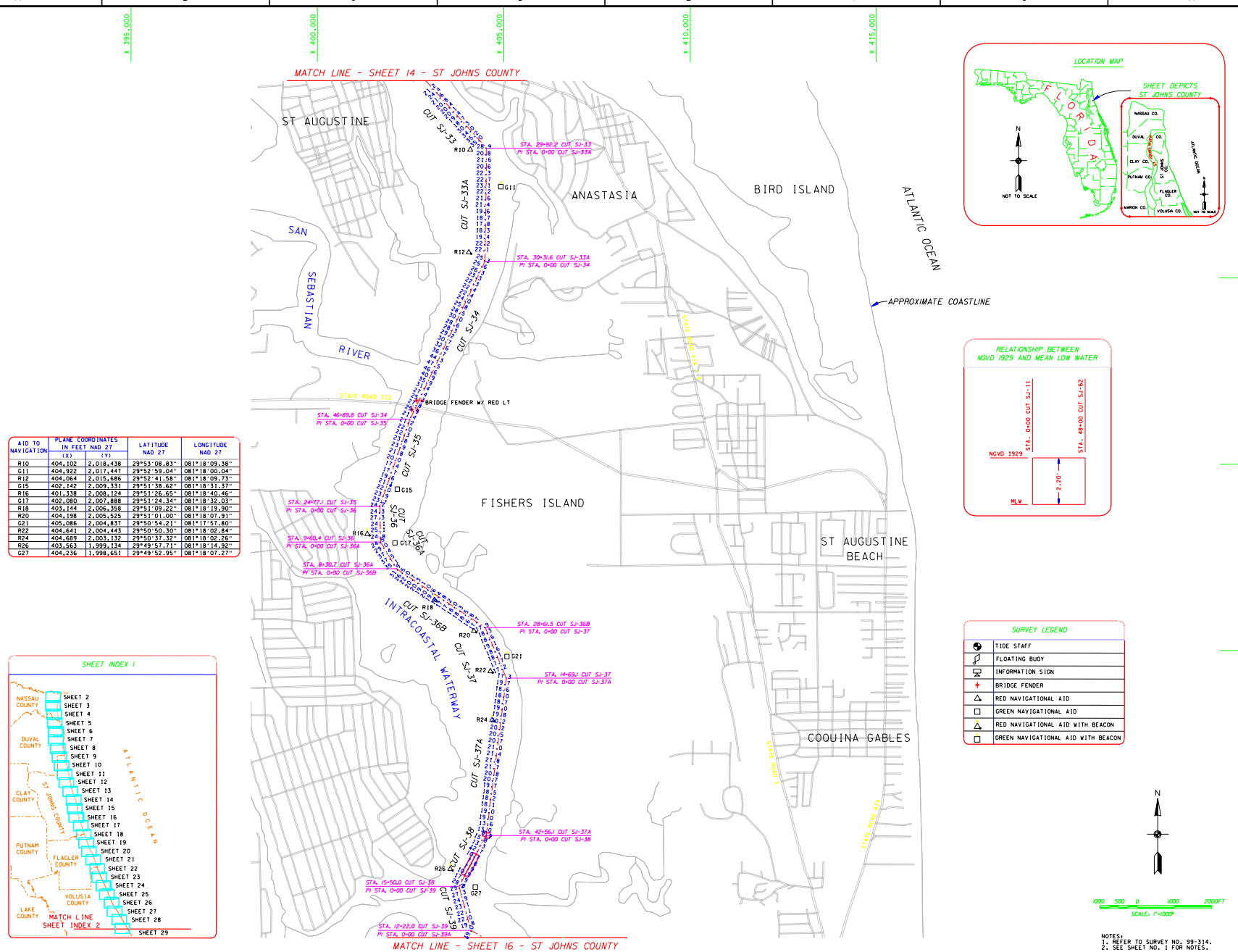


| AID TO NAVIGATION | PLANE COORDINATES IN FEET NAD 27 (X) | (Y) | LATITUDE NAD 27 | LONGITUDE NAD 27 |
|---|---|---|---|---|
| R10 | 404,102 | 2,018,438 | 29°53'08.83" | 081°18'09.38" |
| G11 | 404,922 | 2,017,447 | 29°52'59.04" | 081°18'00.04" |
| R12 | 404,064 | 2,015,686 | 29°52'41.58" | 081°18'09.73" |
| G15 | 402,142 | 2,009,331 | 29°51'38.62" | 081°18'31.37" |
| R16 | 401,338 | 2,008,124 | 29°51'26.65" | 081°18'40.46" |
| G17 | 402,080 | 2,007,888 | 29°51'24.34" | 081°18'32.03" |
| R18 | 403,144 | 2,006,358 | 29°51'09.22" | 081°18'19.90" |
| R20 | 404,198 | 2,005,525 | 29°51'01.00" | 081°18'07.91" |
| G21 | 405,086 | 2,004,837 | 29°50'54.21" | 081°17'57.80" |
| R22 | 404,641 | 2,004,443 | 29°50'50.30" | 081°18'02.84" |
| R24 | 404,689 | 2,003,132 | 29°50'37.32" | 081°18'02.26" |
| R26 | 403,563 | 1,999,134 | 29°49'57.71" | 081°18'14.92" |
| G27 | 404,236 | 1,998,651 | 29°49'52.95" | 081°18'07.27" |

SHEET INDEX 1




LOCATION MAP




RELATIONSHIP BETWEEN NGVD 1929 AND MEAN LOW WATER




SURVEY LEGEND

| | |
|---|---|
| | TIDE STAFF |
| | FLOATING BUOY |
| R | 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.
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JACKSONVILLE, FLORIDA

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

Des. No. DACW17-98-D-0004
Scale AS SHOWN
Plot scale
Drawn by K.C.J.
Checked by S.E.M.
Designed by
Date APRIL, 2000
D.O.FILE NO. 8-37-988

File name: 14SH15.DGN
References files: S14DRSEC.DGN, A314TB.DGN, S14DCL1.DGN, A314DT.DGN, INDEX1.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
ST. JOHNS COUNTY
"UNCONTROLLED" P.I. 26 THRU P.I. 36
PLAN

DRAWING NO.

SHEET 15 OF 91

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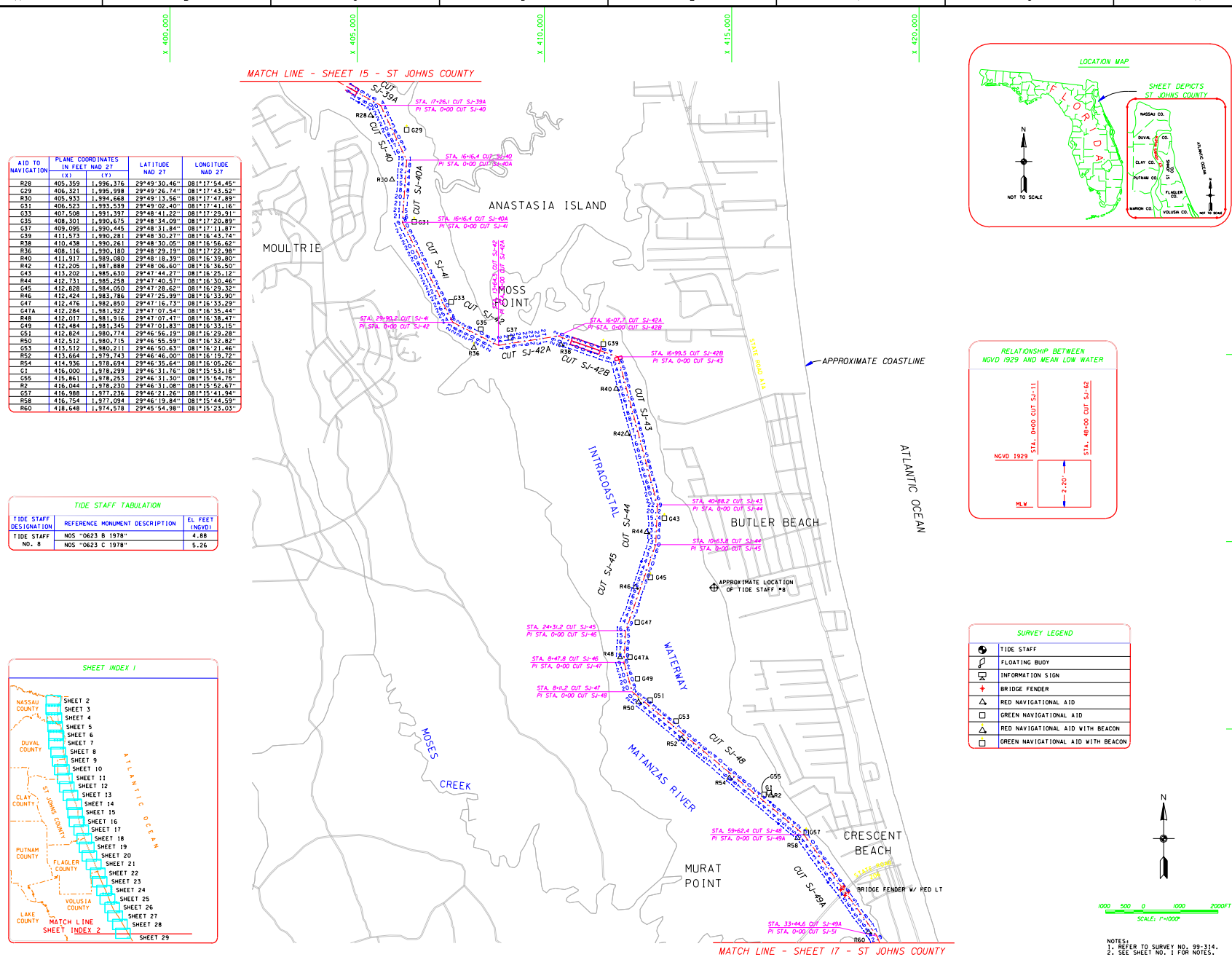


| AID TO NAVIGATION | PLANE COORDINATES IN FEET NAD 27 (X) | (Y) | LATITUDE NAD 27 | LONGITUDE NAD 27 |
|---|---|---|---|---|
| R28 | 405,359 | 1,996,376 | 29°49'30.46" | 081°17'54.45" |
| G29 | 406,321 | 1,995,998 | 29°49'26.74" | 081°17'43.52" |
| R30 | 405,933 | 1,994,668 | 29°49'13.56" | 081°17'47.89" |
| G31 | 406,523 | 1,993,539 | 29°49'02.40" | 081°17'41.16" |
| G33 | 407,508 | 1,991,397 | 29°48'41.22" | 081°17'29.91" |
| G35 | 408,301 | 1,990,675 | 29°48'34.09" | 081°17'20.89" |
| G37 | 409,095 | 1,990,445 | 29°48'31.84" | 081°17'11.87" |
| G39 | 411,573 | 1,990,281 | 29°48'30.27" | 081°16'43.74" |
| R38 | 410,438 | 1,990,261 | 29°48'30.05" | 081°16'56.62" |
| R36 | 408,116 | 1,990,180 | 29°48'29.19" | 081°17'22.98" |
| R40 | 411,917 | 1,989,080 | 29°48'18.39" | 081°16'39.80" |
| R42 | 412,205 | 1,987,888 | 29°48'06.60" | 081°16'36.50" |
| G43 | 413,202 | 1,985,630 | 29°47'44.27" | 081°16'25.12" |
| R44 | 412,731 | 1,985,258 | 29°47'40.57" | 081°16'30.46" |
| G45 | 412,828 | 1,984,050 | 29°47'28.62" | 081°16'29.32" |
| R46 | 412,424 | 1,983,786 | 29°47'25.99" | 081°16'33.90" |
| G47 | 412,476 | 1,982,850 | 29°47'16.73" | 081°16'33.29" |
| G47A | 412,284 | 1,981,922 | 29°47'07.54" | 081°16'35.44" |
| R48 | 412,017 | 1,981,916 | 29°47'07.47" | 081°16'38.47" |
| G49 | 412,484 | 1,981,345 | 29°47'01.83" | 081°16'33.15" |
| G51 | 412,824 | 1,980,774 | 29°46'56.19" | 081°16'29.28" |
| R50 | 412,512 | 1,980,715 | 29°46'55.59" | 081°16'32.82" |
| G53 | 413,512 | 1,980,211 | 29°46'50.63" | 081°16'21.46" |
| R52 | 413,564 | 1,979,743 | 29°46'46.00" | 081°16'19.72" |
| R54 | 414,936 | 1,978,694 | 29°46'35.64" | 081°16'05.26" |
| G1 | 416,000 | 1,978,299 | 29°46'31.76" | 081°15'53.18" |
| G55 | 415,861 | 1,978,253 | 29°46'31.30" | 081°15'54.75" |
| R2 | 416,044 | 1,978,230 | 29°46'31.08" | 081°15'52.67" |
| G57 | 416,988 | 1,977,236 | 29°46'21.26" | 081°15'41.94" |
| R58 | 416,754 | 1,977,094 | 29°46'19.84" | 081°15'44.59" |
| R60 | 418,648 | 1,974,578 | 29°45'54.98" | 081°15'23.03" |

TIDE STAFF TABULATION

| TIDE STAFF DESIGNATION | REFERENCE MONUMENT DESCRIPTION | EL FEET (NGVD) |
|---|---|---|
| TIDE STAFF NO. 8 | NOS "0623 B 1978" | 4.88 |
| | NOS "0623 C 1978" | 5.26 |

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 |




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

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

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

Proj. No. DACW17-98-D-0004
Scale AS SHOWN
Designed by
Drawn by K.C.J.
Checked by
Plot scale
Dated APRIL 2000
D.O.F.ILE NO. 8-37-988
File name
Reference files

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
ST. JOHNS COUNTY
"UNCONTROLLED" P.I. 37 THRU CUT SJ-51
PLAN

DRAWING NO.

SHEET 16 OF 91

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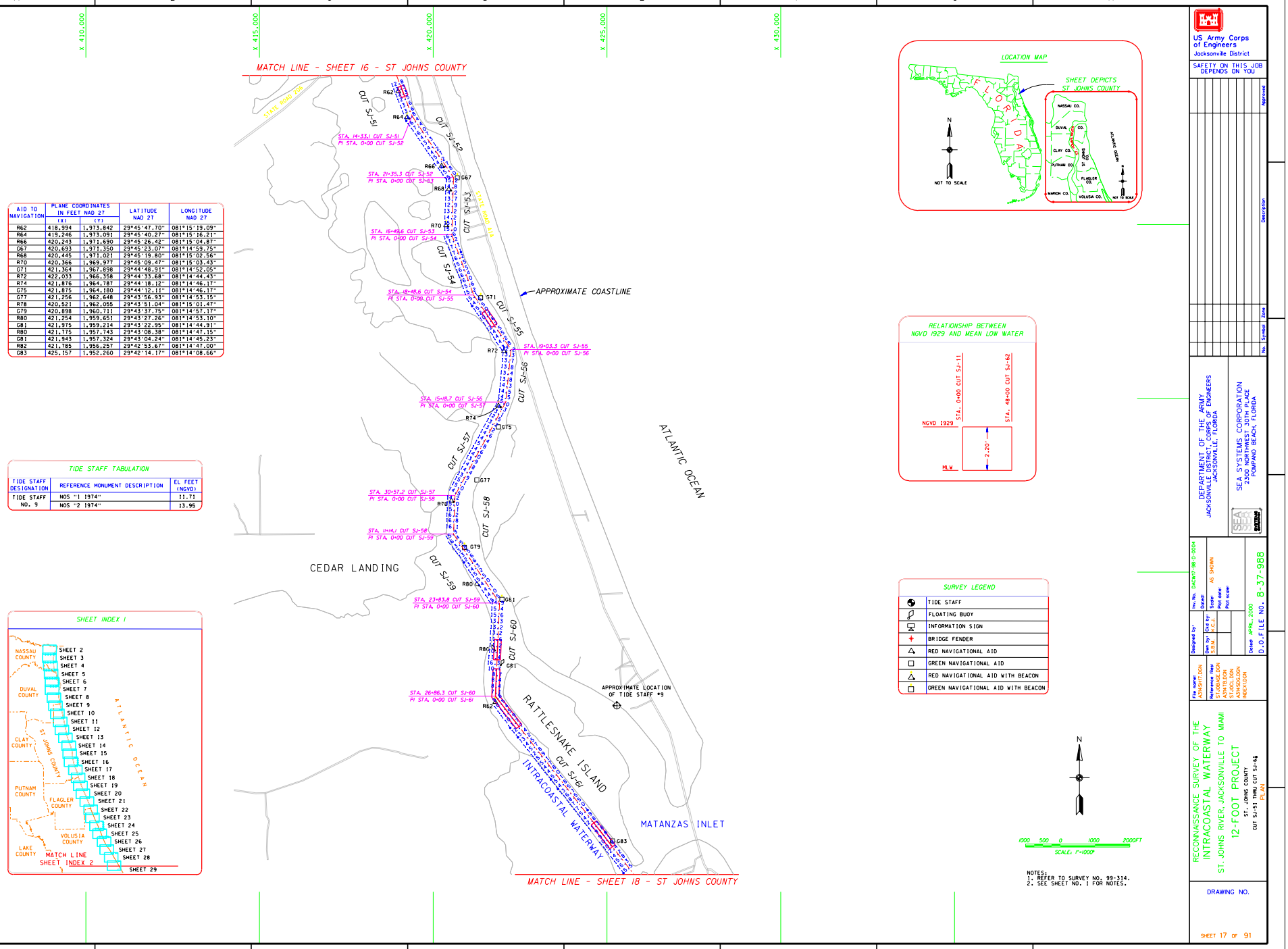


| AID TO NAVIGATION | PLANE COORDINATES IN FEET NAD 27 (X) | (Y) | LATITUDE NAD 27 | LONGITUDE NAD 27 |
|---|---|---|---|---|
| R62 | 418,994 | 1,973,842 | 29°45'47.70" | 081°15'19.09" |
| R64 | 419,246 | 1,973,091 | 29°45'40.27" | 081°15'16.21" |
| R66 | 420,243 | 1,971,690 | 29°45'26.42" | 081°15'04.87" |
| G67 | 420,693 | 1,971,350 | 29°45'23.07" | 081°14'59.75" |
| R68 | 420,445 | 1,971,021 | 29°45'19.80" | 081°15'02.56" |
| R70 | 420,366 | 1,969,977 | 29°45'09.47" | 081°15'03.43" |
| G71 | 421,364 | 1,967,898 | 29°44'48.91" | 081°14'52.05" |
| R72 | 422,033 | 1,966,358 | 29°44'33.68" | 081°14'44.43" |
| R74 | 421,876 | 1,964,787 | 29°44'18.12" | 081°14'46.17" |
| G75 | 421,875 | 1,964,180 | 29°44'12.11" | 081°14'46.17" |
| G77 | 421,256 | 1,962,648 | 29°43'56.93" | 081°14'53.15" |
| R78 | 420,521 | 1,962,055 | 29°43'51.04" | 081°15'01.47" |
| G79 | 420,898 | 1,960,711 | 29°43'37.75" | 081°14'57.17" |
| R80 | 421,254 | 1,959,651 | 29°43'27.26" | 081°14'53.10" |
| G81 | 421,975 | 1,959,214 | 29°43'22.95" | 081°14'44.91" |
| R80 | 421,175 | 1,957,743 | 29°43'08.38" | 081°14'47.15" |
| G81 | 421,943 | 1,957,324 | 29°43'04.24" | 081°14'45.23" |
| R82 | 421,785 | 1,956,257 | 29°42'53.67" | 081°14'47.00" |
| G83 | 425,157 | 1,952,260 | 29°42'14.17" | 081°14'08.66" |

TIDE STAFF TABULATION

| TIDE STAFF DESIGNATION | REFERENCE MONUMENT DESCRIPTION | EL FEET (NGVD) |
|---|---|---|
| TIDE STAFF NO. 9 | NOS "1 1974" | 11.71 |
| | NOS "2 1974" | 13.95 |

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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NOTES:
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Jacksonville District

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JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

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

Proj. No. DACW17-98-D-0004
Scale AS SHOWN
Plotted 1:1
Plot date APRIL, 2000
D.O.F. FILE NO. 8-37-988

Designed by:
Drawn by S.E.M.
Checked by K.C.J.

File name: S:\DGN\A314SH17.DGN
Reference files: S:\DGN\SEED.DGN A314TB.DGN S:\DGN\LEVEL.DGN A314CL.DGN INDEX.DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
ST. JOHNS COUNTY
CUT SJ-51 THRU CUT SJ-64
PLAN

DRAWING NO.

SHEET 17 OF 91

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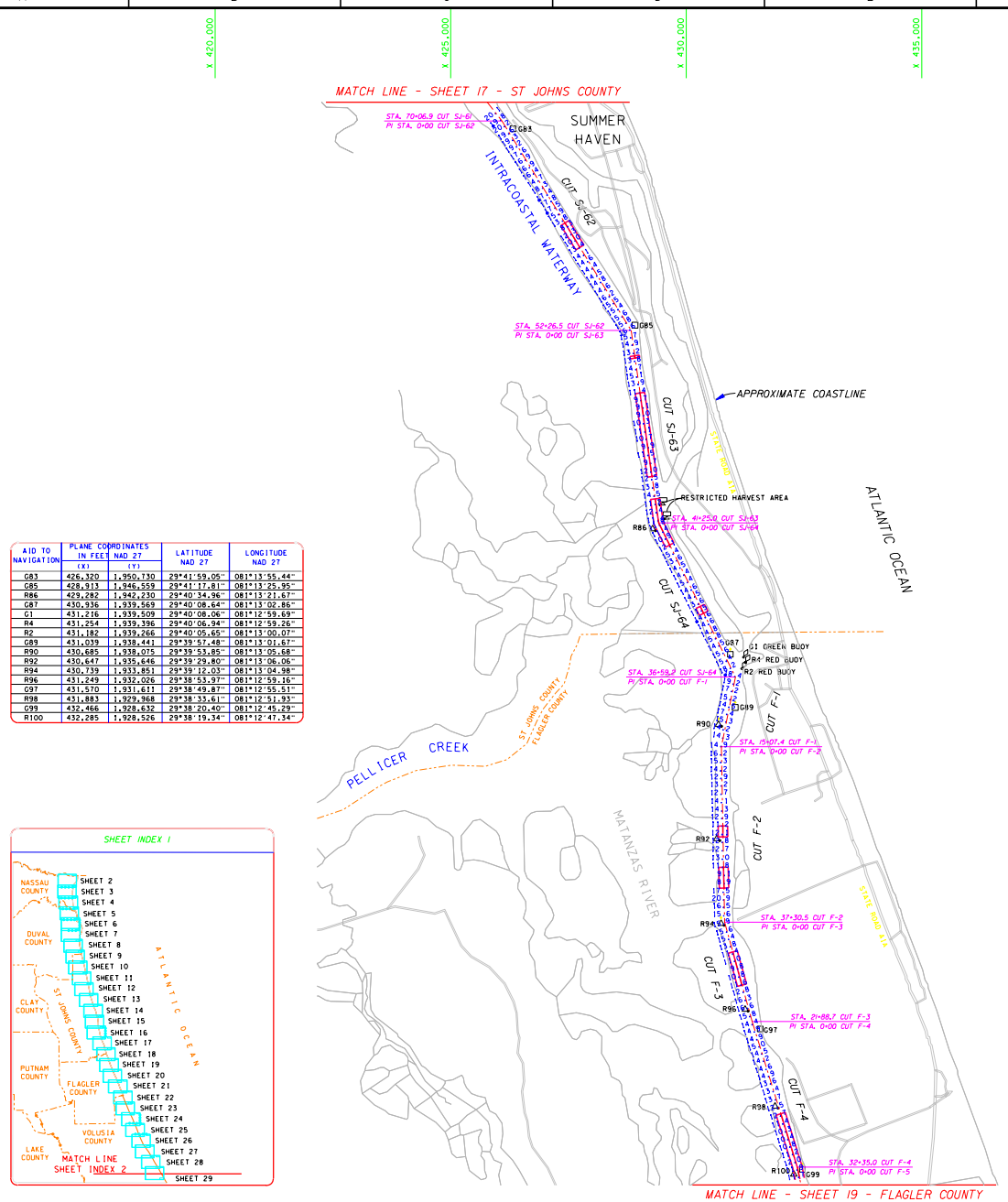
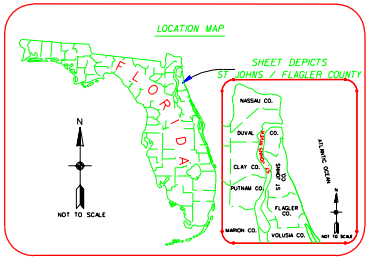



| AID TO NAVIGATION | PLANE COORDINATES IN FEET NAD 27 (X) | (Y) | LATITUDE NAD 27 | LONGITUDE NAD 27 |
|---|---|---|---|---|
| G83 | 426,320 | 1,950,130 | 29°41'59.05" | 081°13'55.44" |
| G85 | 428,913 | 1,946,559 | 29°41'17.81" | 081°13'25.95" |
| R86 | 429,282 | 1,942,230 | 29°40'34.96" | 081°13'21.67" |
| G87 | 430,936 | 1,939,569 | 29°40'08.64" | 081°13'02.86" |
| G1 | 431,216 | 1,939,509 | 29°40'08.06" | 081°12'59.69" |
| R4 | 431,254 | 1,939,396 | 29°40'06.94" | 081°12'59.26" |
| R2 | 431,182 | 1,939,266 | 29°40'05.65" | 081°13'00.07" |
| G89 | 431,039 | 1,938,441 | 29°39'57.48" | 081°13'01.67" |
| R90 | 430,685 | 1,938,075 | 29°39'53.85" | 081°13'05.68" |
| R92 | 430,647 | 1,935,646 | 29°39'29.80" | 081°13'06.06" |
| R94 | 430,739 | 1,933,851 | 29°39'12.03" | 081°13'04.98" |
| R96 | 431,249 | 1,932,026 | 29°38'53.97" | 081°12'59.16" |
| G97 | 431,570 | 1,931,611 | 29°38'49.87" | 081°12'55.51" |
| R98 | 431,883 | 1,929,968 | 29°38'33.61" | 081°12'51.93" |
| G99 | 432,466 | 1,928,632 | 29°38'20.40" | 081°12'45.29" |
| R100 | 432,285 | 1,928,526 | 29°38'19.34" | 081°12'47.34" |

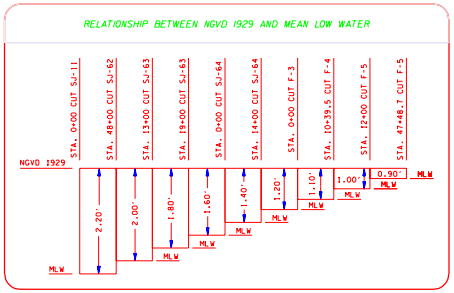
SHEET INDEX 1




LOCATION MAP




RELATIONSHIP BETWEEN NGVD 1929 AND MEAN LOW WATER




SURVEY LEGEND

| |
|---|
| TIDE STAFF |
| FLOATING BUOY |
| INFORMATION SIGN |
| BRIDGE FENDER |
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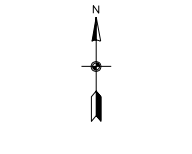


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JACKSONVILLE, FLORIDA

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

Designed by: Drawn by: KCC-I Checked by: Quantities by: Plot scale: AS SHOWN Plot date: APRIL, 2000 Dated: Proj. No. CACW17-98-D-0004 D.O.F. FILE NO. 8-37-988

File name: Project Name: ST.JOHNS_DGN ASHLEY_DGN FLAGLER_DGN ATLANTIC_DGN ST.AUG_DGN ST.OCL_DGN INDEX1_DGN

RECONNAISSANCE SURVEY OF THE INTRACOASTAL WATERWAY
ST. JOHNS RIVER, JACKSONVILLE TO MIAMI
12-FOOT PROJECT
ST. JOHNS AND FLAGLER COUNTY
CUT SJ-61 THRU CUT F-5
PLAN

DRAWING NO.

SHEET 18 OF 91

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