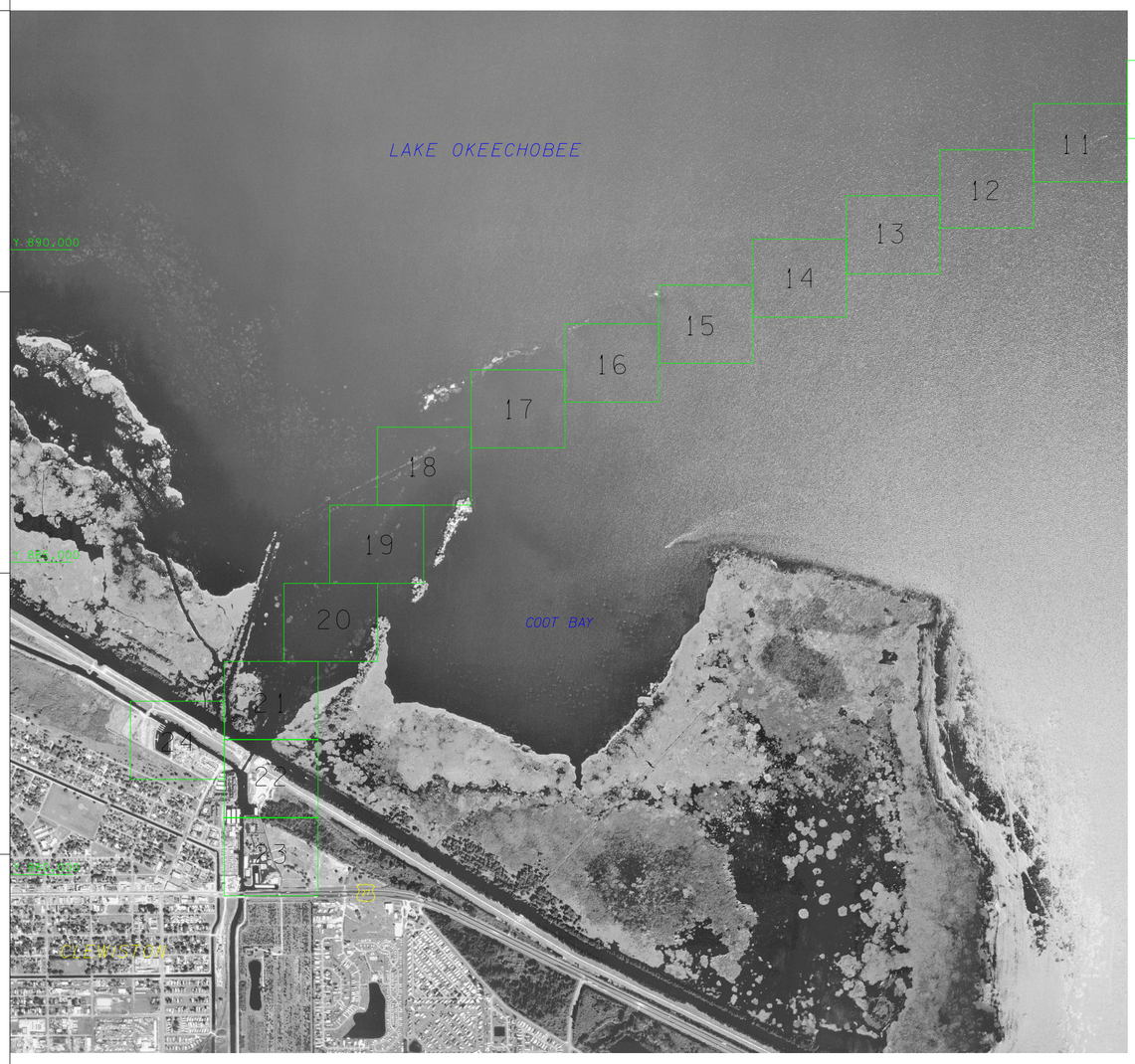
CONTROL TABULATION

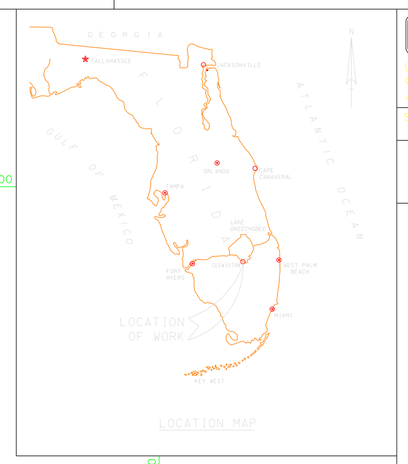
| STATION ID | FLORIDA SPC NAD27 X | FLORIDA SPC NAD27 Y | NGVD ELEV. |
|---|---|---|---|
| FCE 4476 | 524590.998 | 883028.060 | 33.91 |
| FCE 2985 | 526541.300 | 881840.320 | 34.54 |
| FCE 2984 | 526719.830 | 879601.220 | 16.16 |

N

1000 500 0 1000 2000FT

SCALE: 1"= 1000'



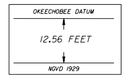




LOCATION MAP

SURVEY NOTES:

1. REFER TO SURVEY NO. 01-042.
2. GRID COORDINATES SHOWN HEREON ARE IN FEET AND ARE REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE (0901), TRANSVERSE MERCATOR PROJECTION, NORTH AMERICAN DATUM OF 1927.
3. ELEVATIONS SHOWN HEREON ARE IN FEET AND ARE REFERENCED TO LAKE OKEECHOBEE VERTICAL DATUM WHICH IS 12.56 FEET ABOVE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 1929), AND ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A PLUS(+) SIGN.
4. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
5. VESSEL POSITIONING WAS OBTAINED USING A TRIMBLE 4000SE AND TRIMBLE PRO BEACON DIFFERENTIAL GLOBAL POSITIONING SYSTEM ( DGPS ) UTILIZING CORRECTIONS FROM THE USCG CONTINUOUSLY OPERATING REFERENCE STATION ( CORS ) LOCATED AT CANAVERAL,FLORIDA (FREQ 289).
6. SOUNDINGS WERE COLLECTED USING AN ODOM HYDROTRACK SURVEY GRADE DEPTH RECORDER AND A 200 kHZ TRANSDUCER.
7. LAKE OKEECHOBEE STAGE REDUCTIONS WERE MADE WITH DATA COLLECTED FROM A STAFF SET AT S-310 ( CLEWISTON LOCK ), REFERENCED TO USACE BENCHMARK "FCE 2985", HAVING A PUBLISHED ELEVATION OF 34.54 FEET NGVD 1929.
8. UNDERGROUND IMPROVEMENTS OR UTILITIES WERE NOT LOCATED AS PART OF THIS SURVEY AND SHOULD BE FIELD VERIFIED PRIOR TO ANY EXCAVATION AND/OR CONSTRUCTION.
9. FEATURES SUCH AS, BUT NOT LIMITED TO, SHORELINES, BULKHEADS, POLITICAL BOUNDARIES AND ROADS WERE NOT LOCATED DURING THIS SURVEY.
10. REFER TO FIELD BOOK NUMBER
11. REFER TO RAW FIELD DATA:

(5) DEPTH RECORDER ROLLS DATED: 1-08-01
1-24-01
1-25-01
1-31-01
2-01-01




*Relationship between NGVD 1929 and Lake Okeechobee Datum*

| 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. | Description | Date | Approved |
|---|---|---|---|

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 10340
BRADENTON, FL 34282
1500 SULTE 203 COURT
BRADENTON, FL 34205
PHONE: (941) 217-1482
FAX: (941) 217-0481

Dwg. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

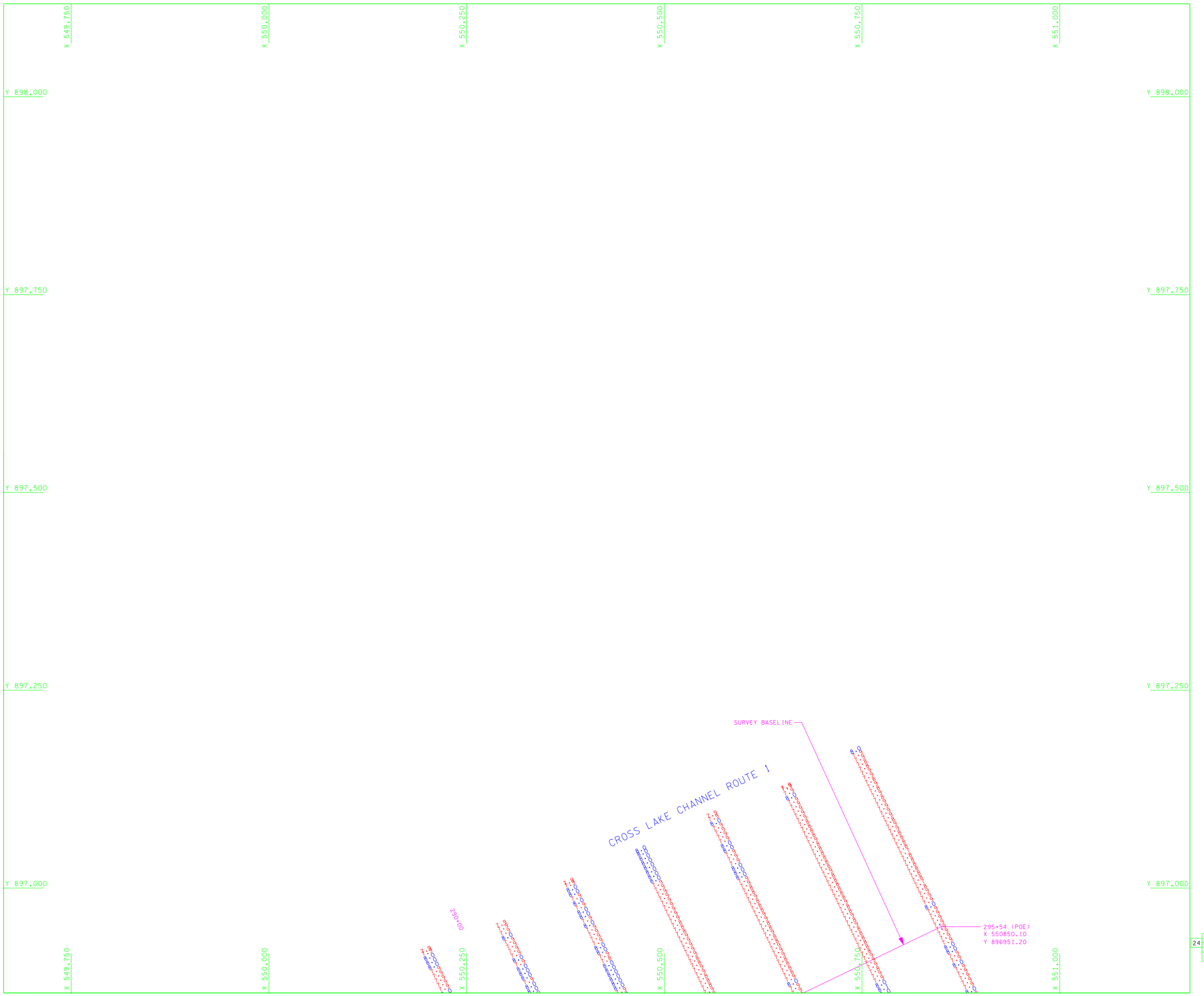
Designed by:
Cad by: JRM
Dwn by: PDW
Dated:
O.O.FILE NO. 120-38,183

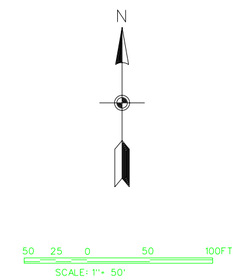
File name: C042S1.DGN
Reference files: BRDR.DGN, B042PLAN.DGN, B042CTRL.DGN, B042ELEV.DGN, C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
CLEWISTON INDUSTRIAL CANAL AND C-21
COVER

DRAWING NO.

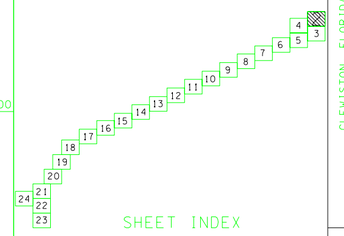
SHEET 1 OF 24




NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
8705 US HIGHWAY #1
P.O. BOX 1420
MARASSO, FL 32910
PHONE: (561) 388-3364
FAX: (561) 388-3165
1500 S.E. 3RD COURT
SUITE 205
DEERFIELD BEACH, FL 33441
PHONE: (954) 421-4882
FAX: (954) 421-0451

Dwg. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Dwn by: PDW
Ckd by: JRM

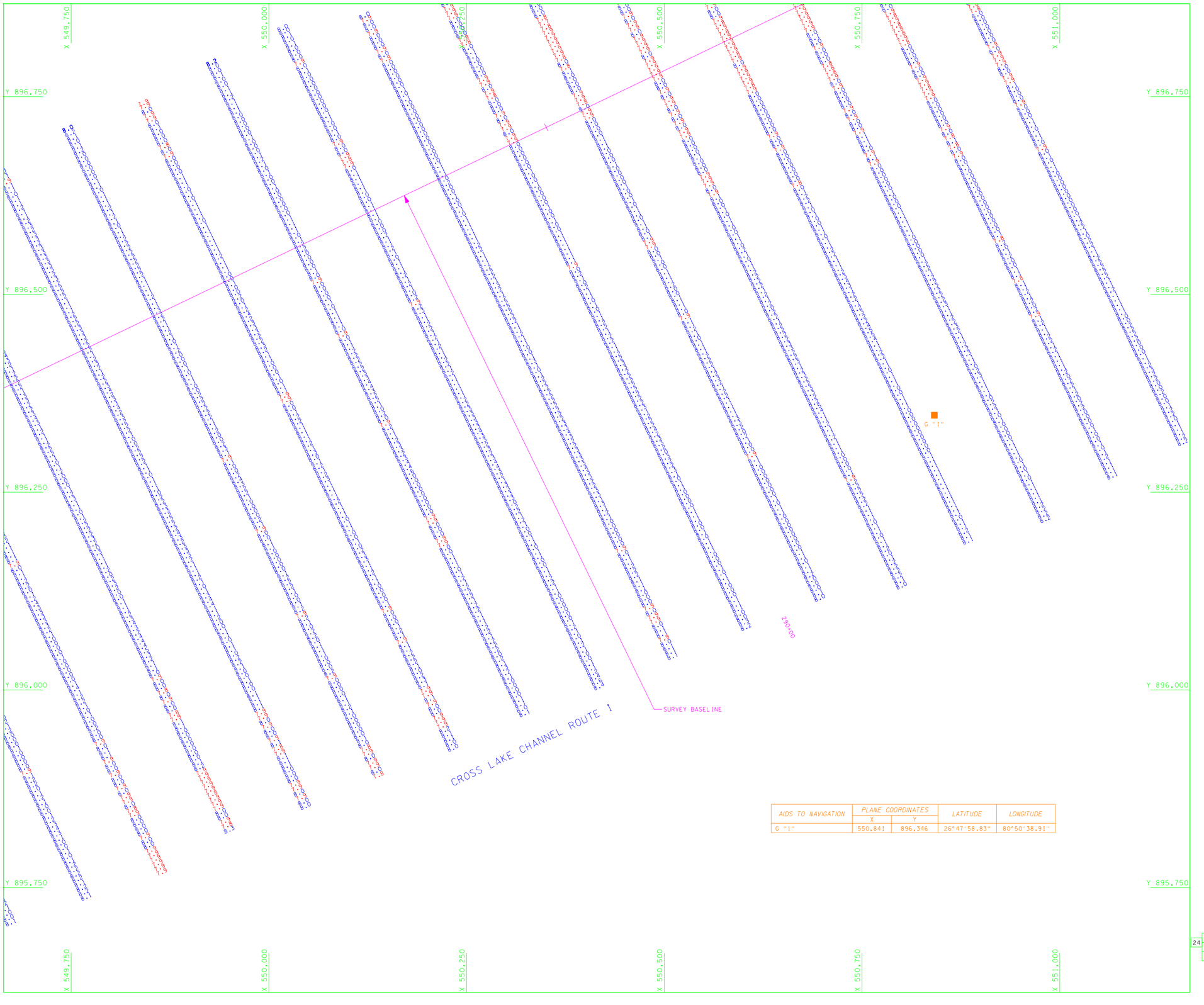
Dated:
D.O.FILE NO. 120-38,183

File name: C042S2.DGN
Reference files: BRDR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 2 OF 24




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| G "1" | 550,841 | 896,346 | 26°47'58.83" | 80°50'38.91" |

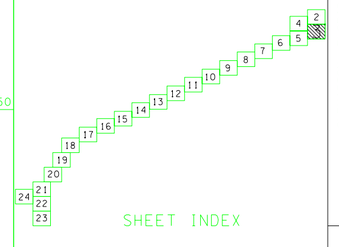
N

50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Date | Description | Approved |
|---|---|---|---|
| | | | |

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1000
BARTOW, FLORIDA 33830
1500 SILL BLVD. COURT
DESTIN, FLORIDA 32541
PHONE: (863) 533-7700
FAX: (863) 533-7703
PHONE: (904) 217-6482
FAX: (904) 217-0481

Inv. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by
Dwn by PDW
Ckd by JRM

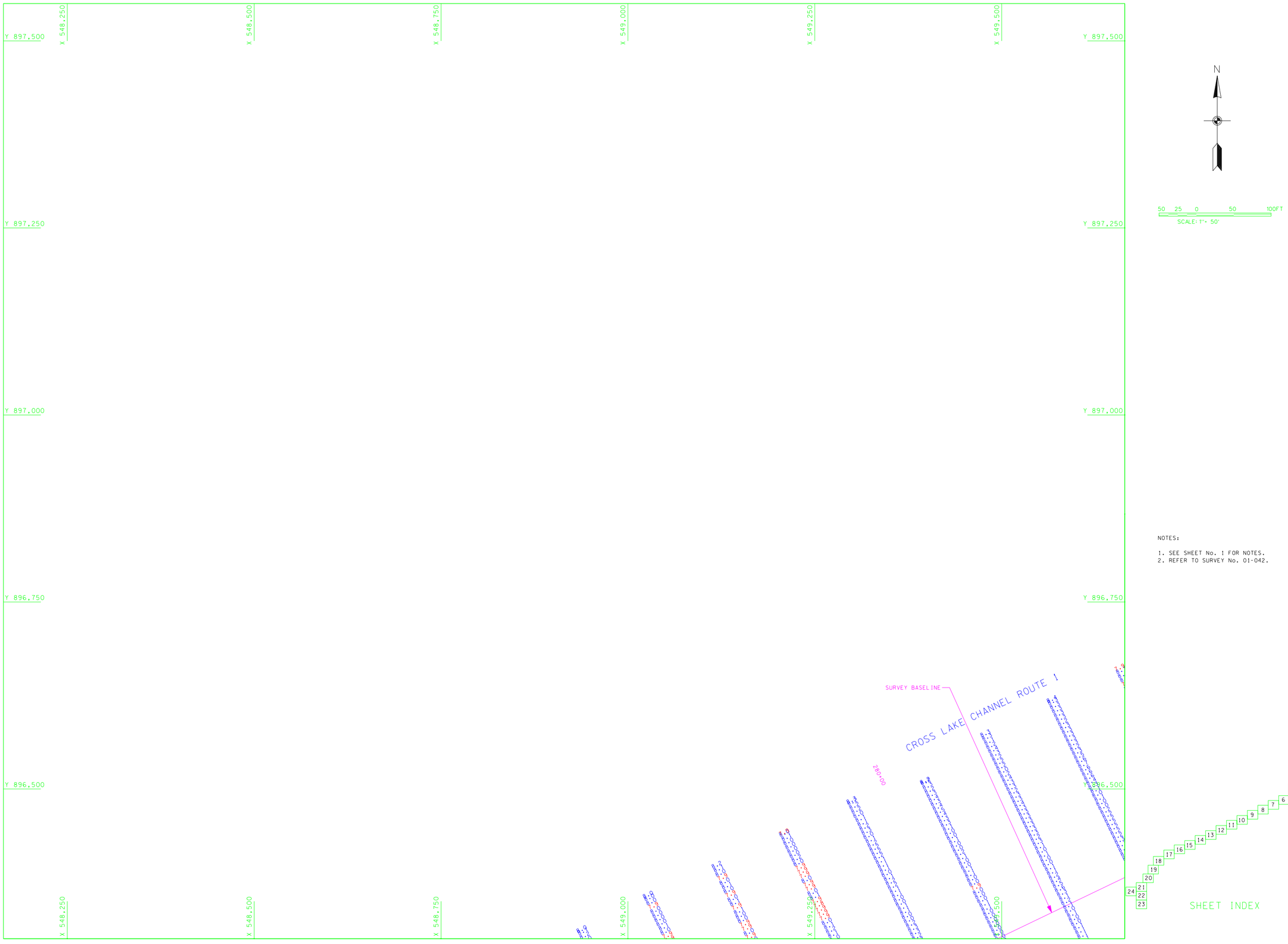
Dated:
D.O.FILE NO. 120-38,183

File name: C042S3.DGN
Reference files: BRDR.DGN, C042PLAN.DGN, C042CTRL.DGN, C042ELEV.DGN, C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 3 OF 24




NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
8740 US HIGHWAY #1
P.O. BOX 1420
MARASSO, FL 32910
PHONE: (561) 388-3364
FAX: (561) 388-3165
1500 S.E. 3RD COURT
SUITE 205
DEERFIELD BEACH, FL 33441
PHONE: (954) 421-4882
FAX: (954) 421-0451

Drw. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Dwn by: PDW
Ckd by: JRM

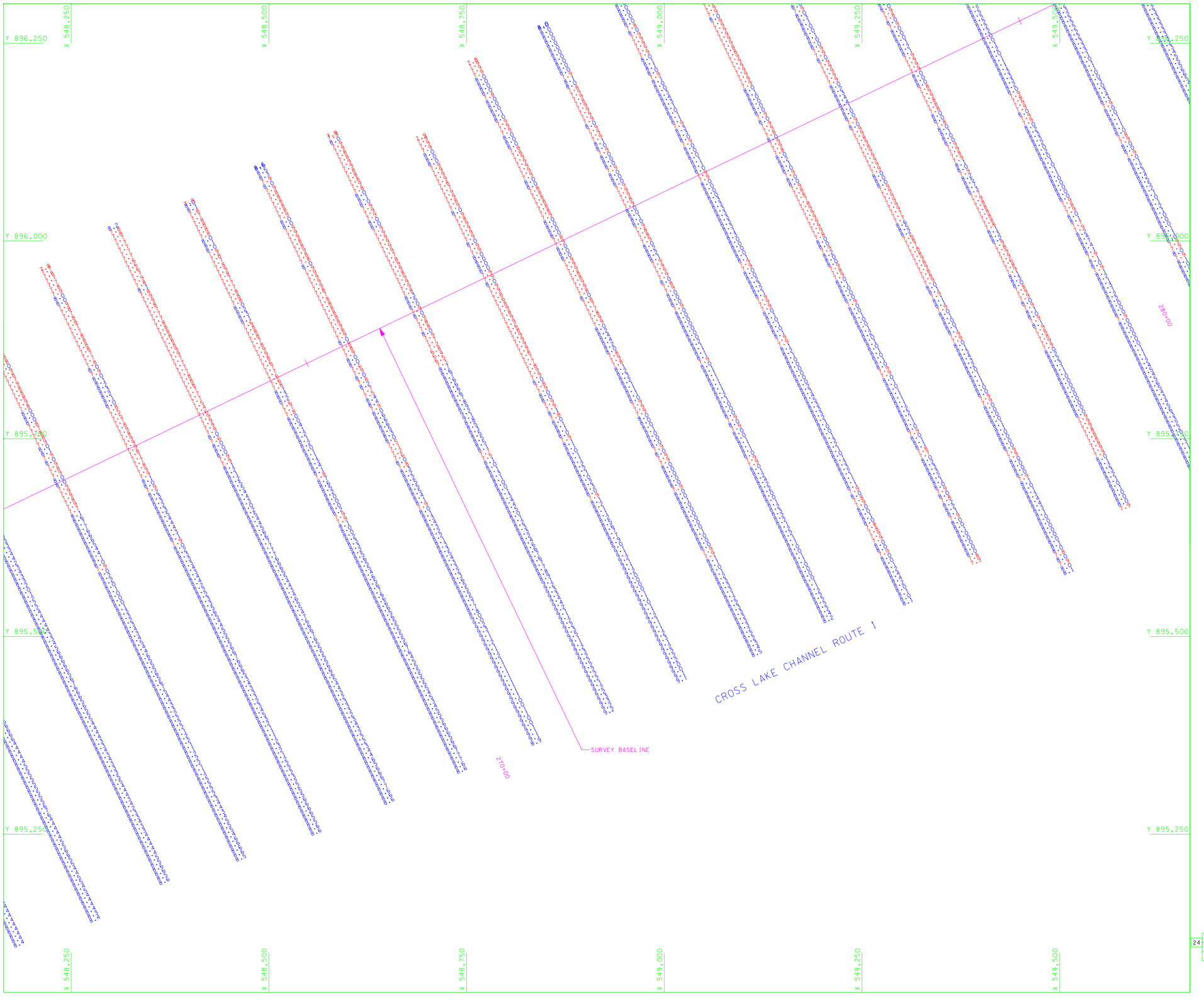
Dated:
D.O.FILE NO. 120-38,183

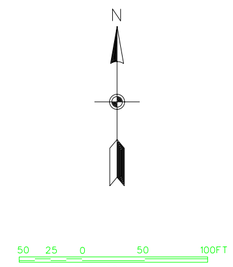
File name: C042S4.DGN
Reference files: BRDR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

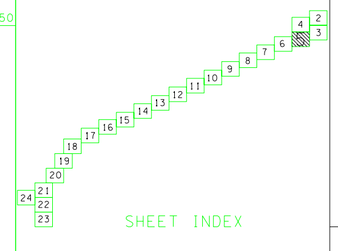
SHEET 4 OF 24




NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Symbol | Date | Description | Approved |
|---|---|---|---|---|

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1000
BARTOW, FLORIDA 33830
PHONE: (941) 38-7534
FAX: (941) 38-9165
1900 SILL BLVD. COURT
SUITE 203
OSCEOLA, FLORIDA 34741
PHONE: (941) 21-1482
FAX: (941) 42-4081

Inv. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by
Dwn by PDW
Ckd by JRM
Dated:
D.O.-FILE NO. 120-38,183

File name: C042S1.DGN
Reference files: BRDR.DGN, C042PLAN.DGN, C042CTRL.DGN, C042ELEV.DGN, C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY

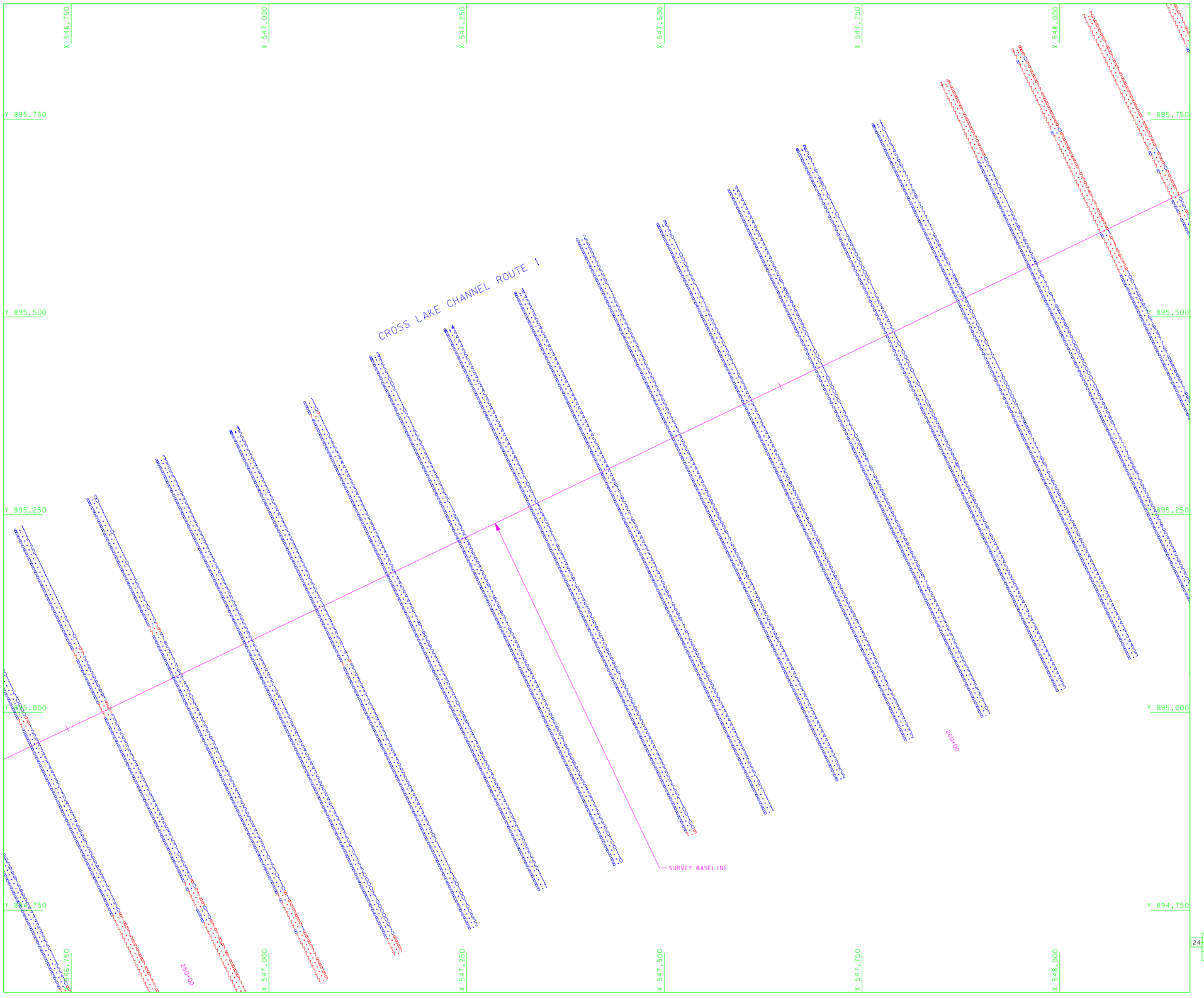
# HYDROGRAPHIC SURVEY

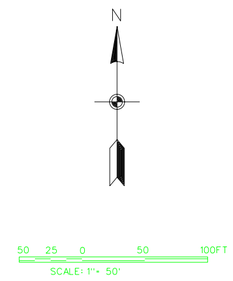
CROSS LAKE CHANNEL ROUTE 1

PLAN

DRAWING NO.

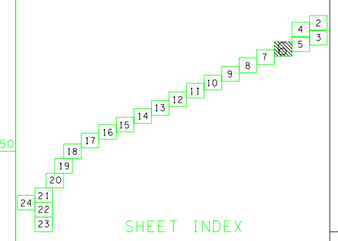
SHEET 5 OF 24




NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Approved | Description | Date | Project

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
8745 US HIGHWAY #1
P.O. BOX 1420
MABASSO, FL 32570
PHONE: (561) 388-3564
FAX: (561) 388-3165

1500 S.E. 3RD COURT
SUITE 300
DEERFIELD BEACH, FL 33441
PHONE: (954) 421-6882
FAX: (954) 421-0451

Dwg. No. DACW17-99-D-0046
Date: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Dwn by: PDW
Ckd by: JRM

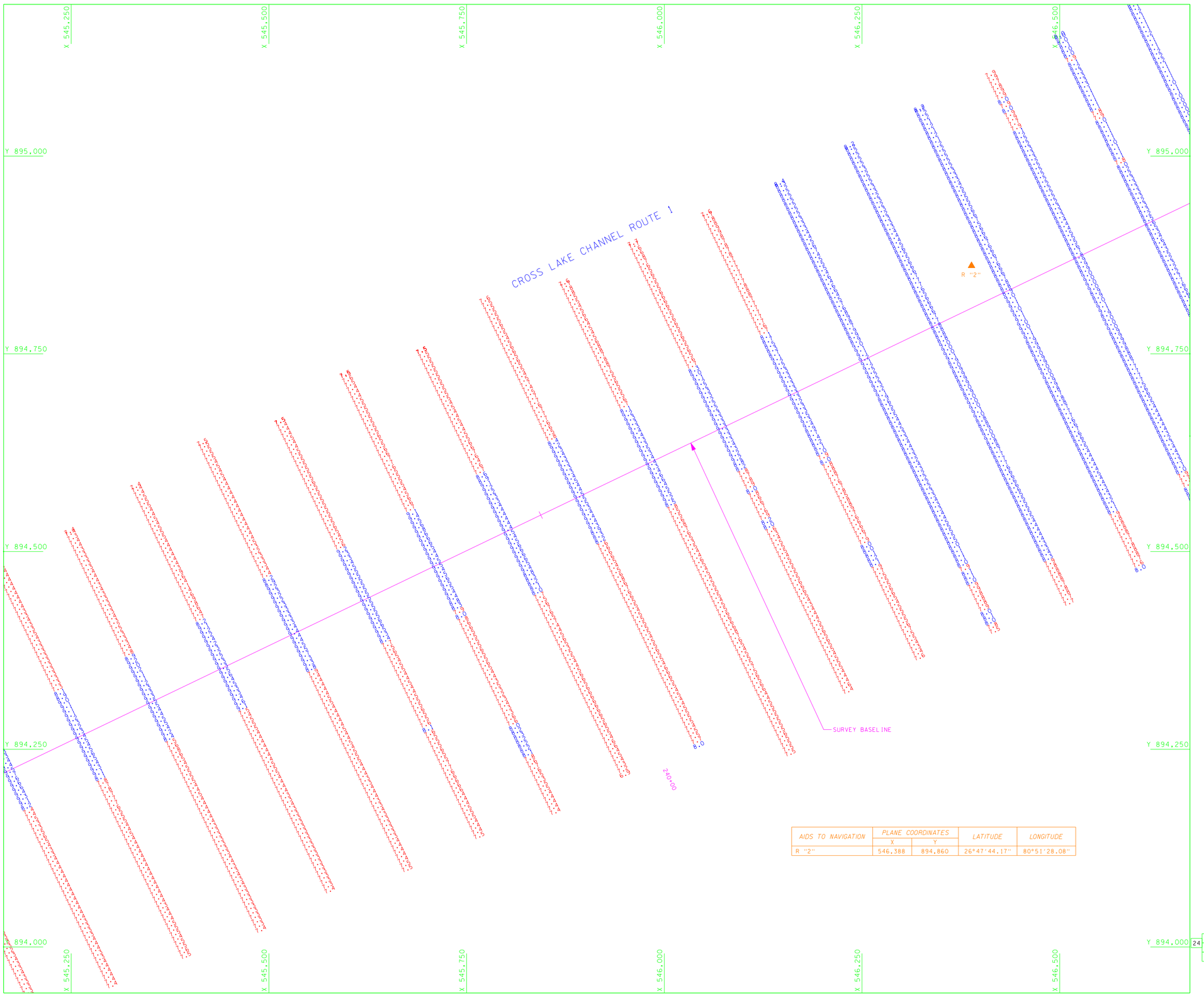
Dated:
D.O. FILE NO. 120-38,183

File name: C042S6.DGN
Reference files: BRDR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 6 OF 24




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| R "2" | 546,388 | 894,860 | 26°47'44.17" | 80°51'28.08" |

N

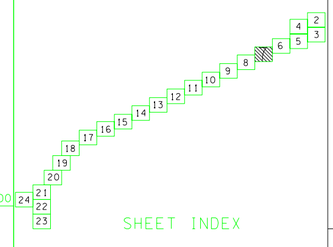
50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.

SHEET INDEX




US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Date | Description | Approved |
|---|---|---|---|

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
1900 S.R. 520 WEST
P.O. BOX 1000
DEPOSIT, NEW YORK 13754-1000
PHONE: (607) 467-3841
FAX: (607) 467-4281

Fm. No. DACW17 99-D-0046
Dates: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Dwn by: PDW
Ckd by: JRM

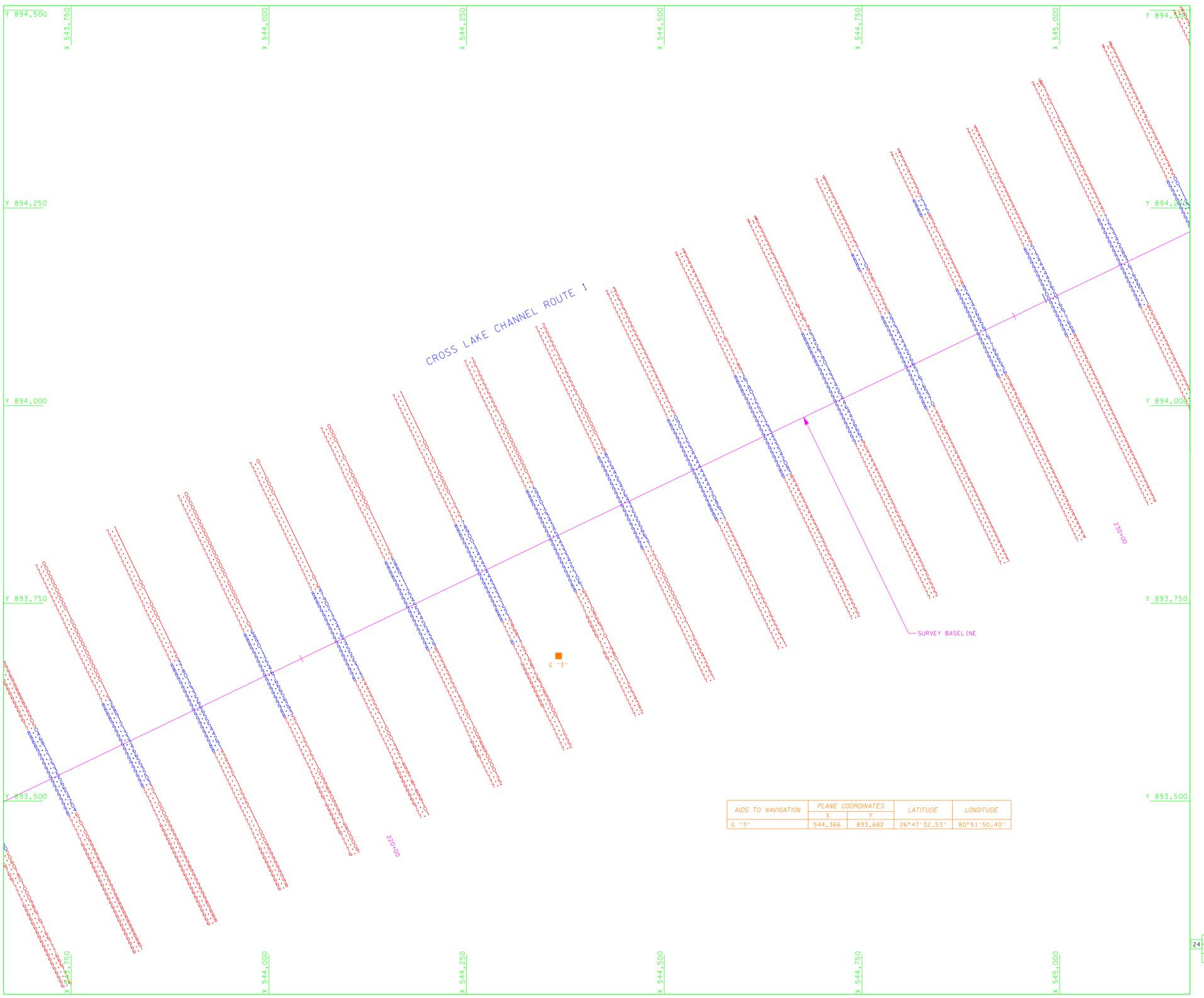
D.O. FILE NO. 120-38,183

Dgn name: C042S7.DGN
References files: BRDR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 7 OF 24




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| G "3" | 544,366 | 893,682 | 26°47'32.53" | 80°51'50.40" |

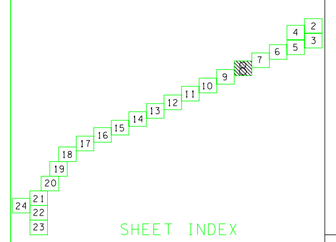
N

50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Date | Description | Approved |
|---|---|---|---|

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1453
WINTER PARK, FL 32790
PHONE: (321) 388-3364
FAX: (321) 388-3165

1900 SILVER COURT
SUITE 203
DEBARY, FL 32713
PHONE: (386) 215-1441
FAX: (386) 42-4081

Contract No. DACW72-99-D-0046
Dated: 27 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Dwn by: POW
Ckd by: JRM

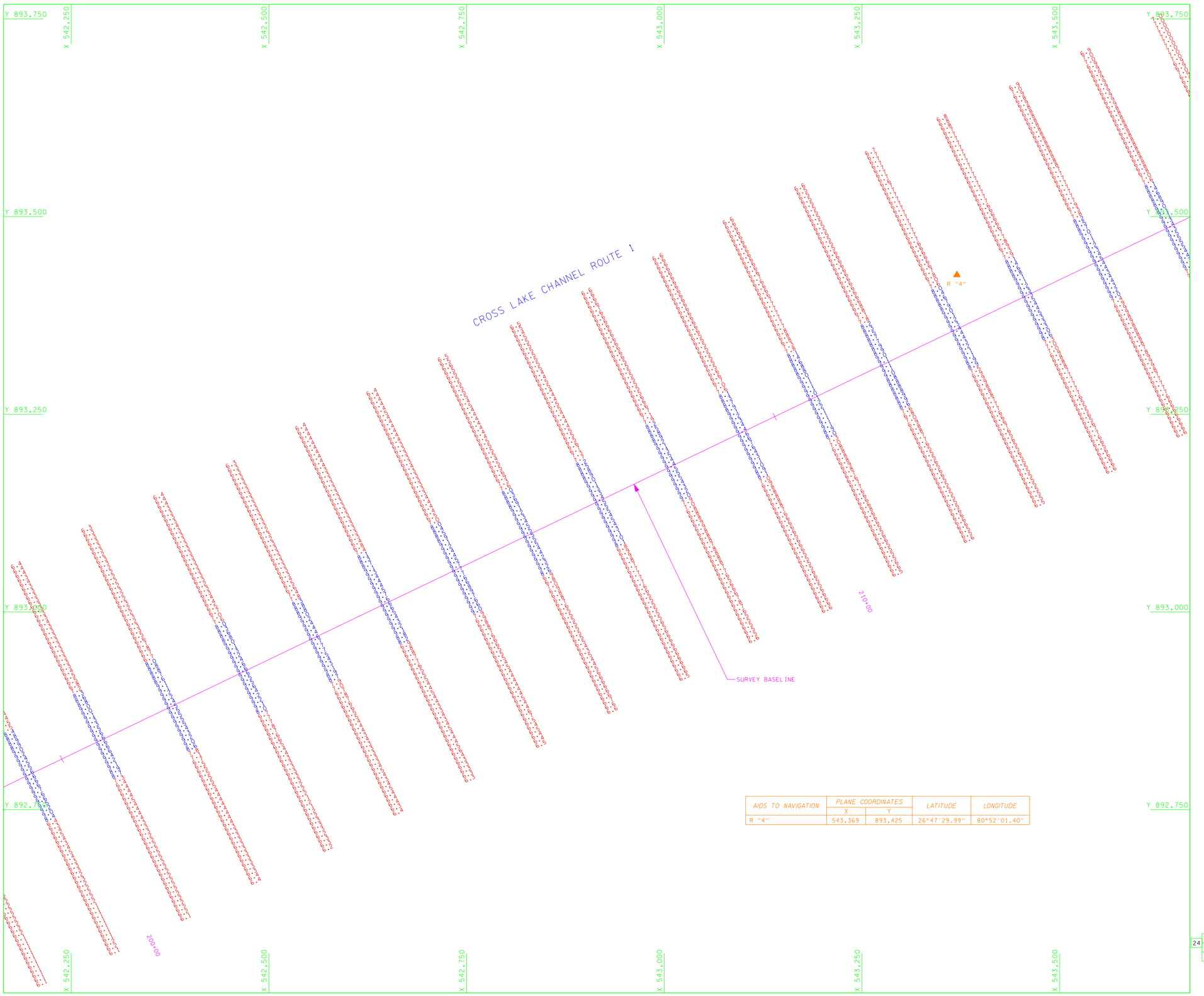
Dated:
D.O.FILE NO. 120-38,183

File name: C042SB.DGN
Reference files: BRDR.DGN, C042PLAN.DGN, C042CTRL.DGN, C042ELEV.DGN, C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 8 OF 24




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| R "4" | 543.369 | 893.425 | 26°47'29.99" | 80°52'01.40" |

N

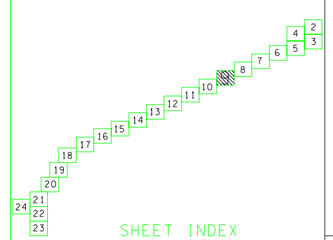
50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.

SHEET INDEX




US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Date | Description | By | Approved |
|---|---|---|---|---|

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1000
DELTONA, FLORIDA 32728
PHONE: (386) 789-7254
FAX: (386) 789-9165
1900 SILVER COURT
SUITE 203
DEBARY, FLORIDA 32713
PHONE: (386) 251-1661
FAX: (386) 251-0251

Dwg. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Drawn by: PDW
Checked by: GRM

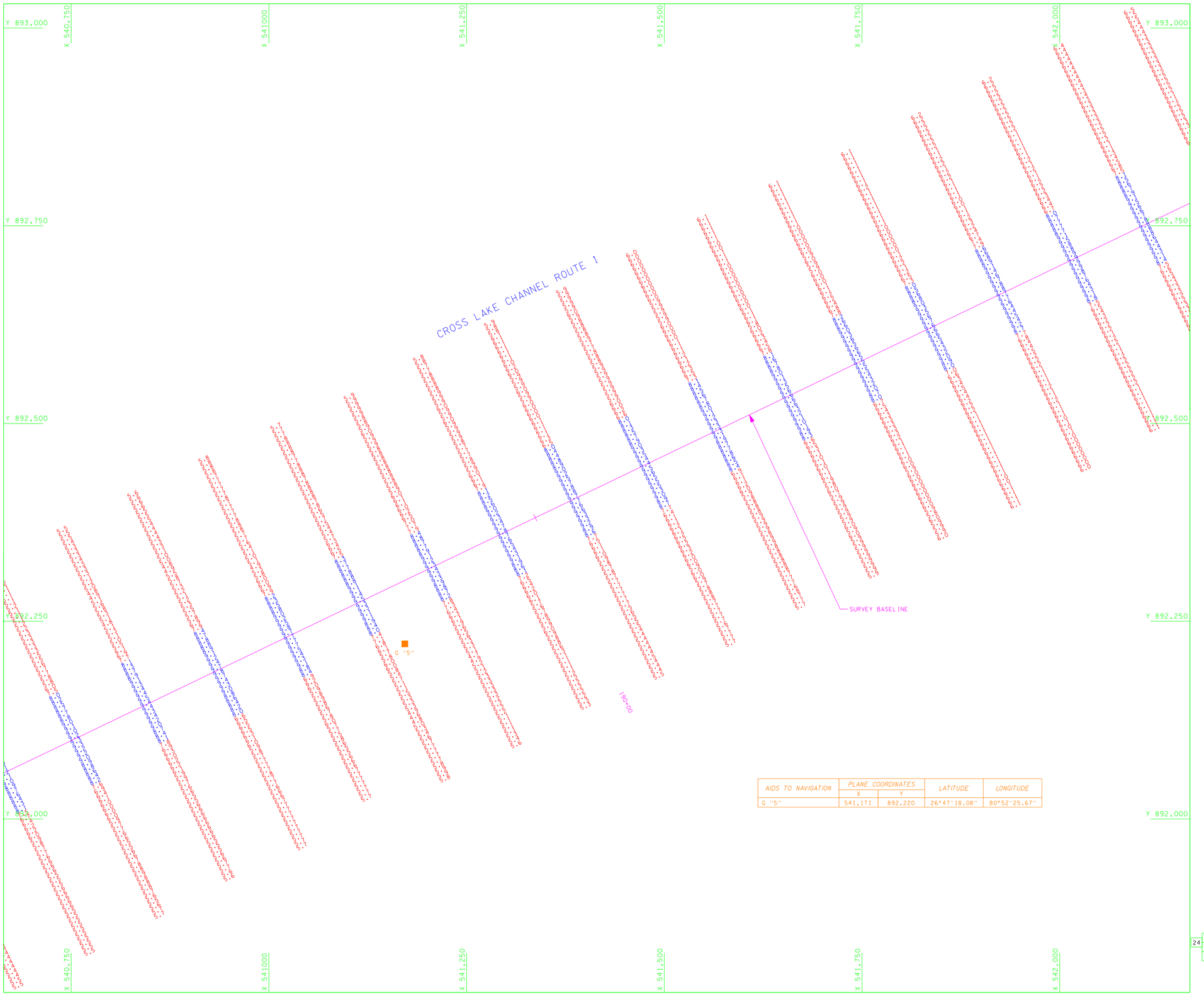
Dated
D.O.F ILE NO. 120-38,183

File name: C042SP3.DGN
Reference files:
BRDR.DGN
C042CPLAN.DGN
C042CTRL.DGN
C042ELEV.DGN
C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 9 OF 24




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| G "5" | 541.171 | 892.220 | 26°47'18.08" | 80°52'25.67" |

N

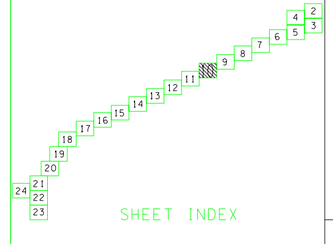
50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.

SHEET INDEX




US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Date | Revision | Approved |
|---|---|---|---|

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
1900 SILVER PINE COURT
P.O. BOX 80140
DEFUNIAK SPRINGS, FLORIDA 32433
PHONE: (904) 21-1441
FAX: (904) 42-4241

Inv. No. DACW17-99-D-0046
Dwg. date 21 AUG 1999
Scale:
Plot date 19 FEB 2001
Plot scale 1"=50'

Designed by
Dwn by PDW
Ckd by JRM

Ref. files
BRDR.DGN
C042PLAN.DGN
C042CTRL.DGN
C042ELEV.DGN
C042SL.DGN

Ex. name
C042510.DGN

Dgnd:
D.O.FILE NO. 120-38,183

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY

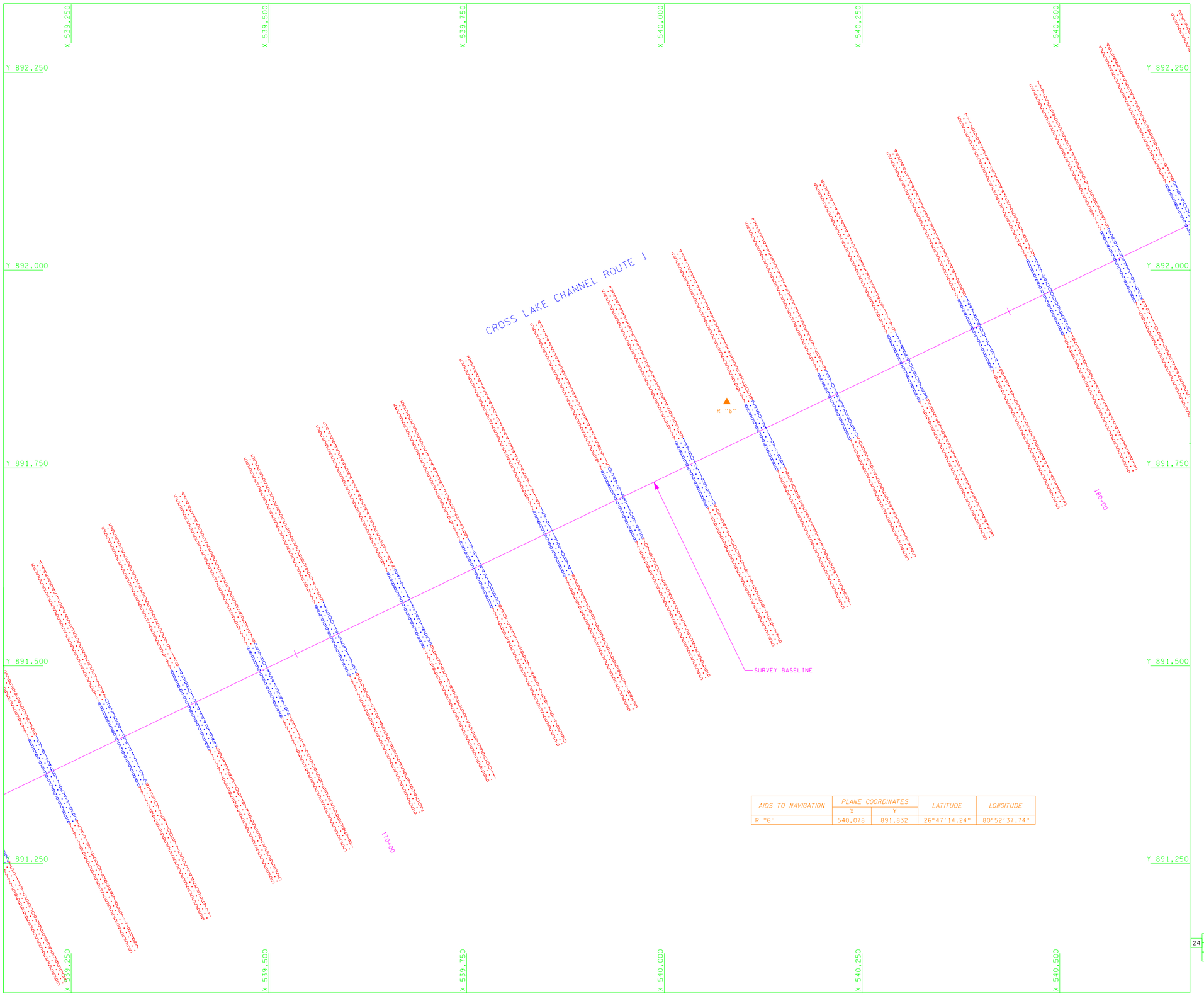
# HYDROGRAPHIC SURVEY

CROSS LAKE CHANNEL ROUTE 1

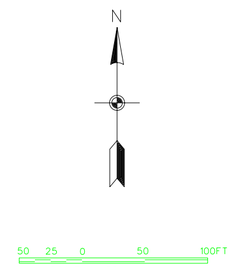
PLAN

DRAWING NO.

SHEET 10 OF 24

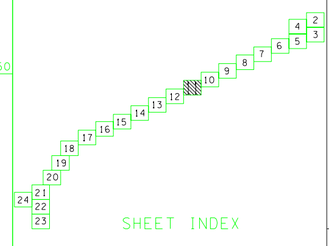



| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| R "6" | 540.078 | 891.832 | 26°47'14.24" | 80°52'37.74" |




NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Symbol | Date | Description | Approved |
|---|---|---|---|---|

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1000
WINTER GARDEN, FL 34787
1500 SILL BLVD. COURT
SUITE 203
OBERLIN, OH 44074
PHONE: (407) 656-1700
FAX: (407) 656-9165
PHONE: (440) 21-1441
FAX: (440) 42-4041

Dr. No. DACW17-99-D-0046
Contract 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

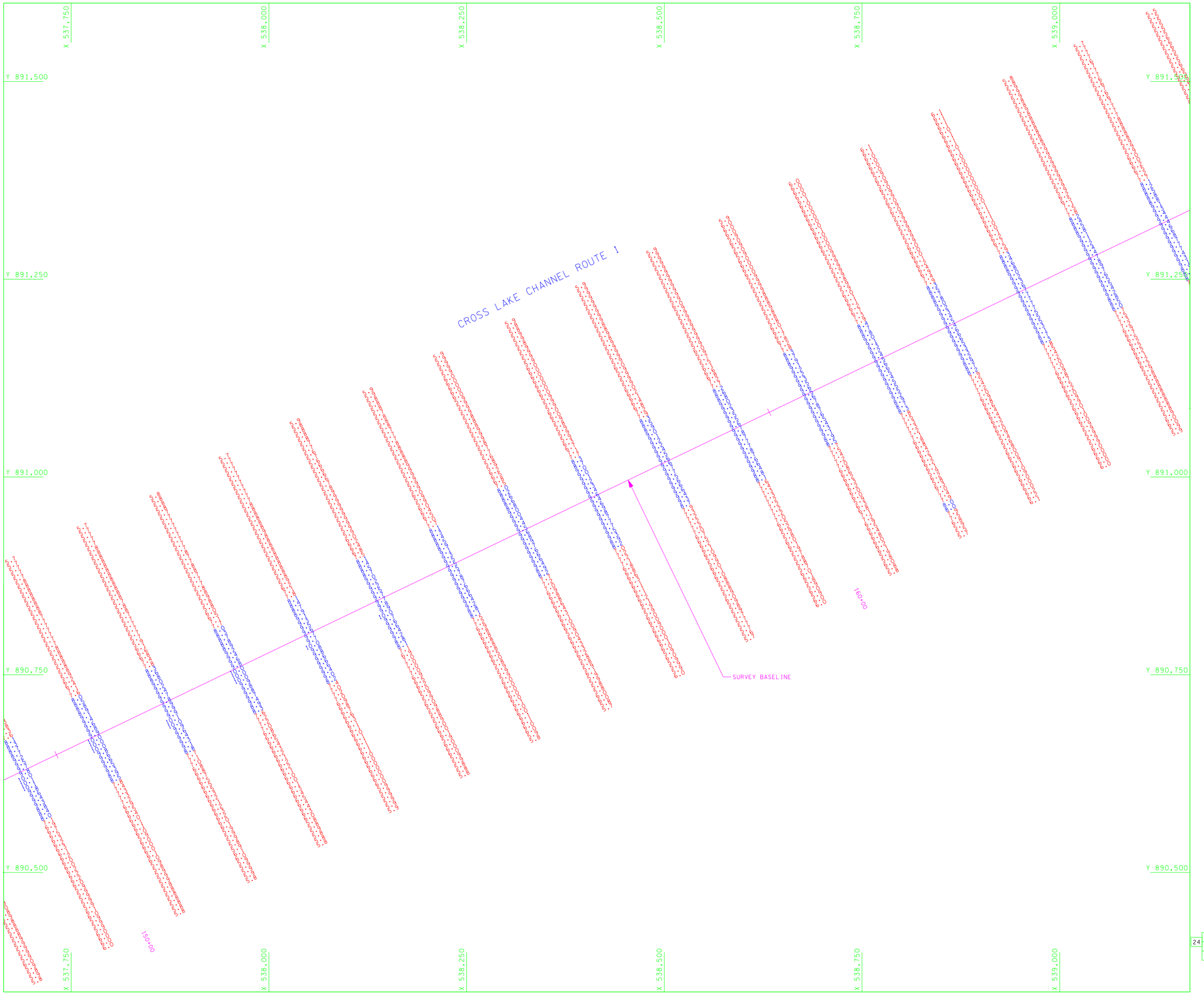
Designed by:
Cad by: JRM
Dwn by: PDW
Dated:
D.O. FILE NO. 120-38,183

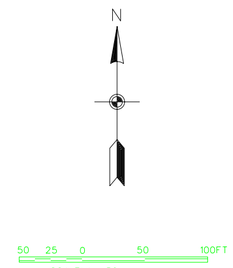
File name: C042S11.DGN
Reference files: BRDR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

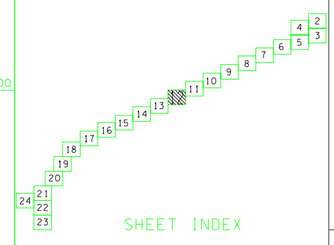
SHEET 11 OF 24




NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No | Date | Revision | Approved |
|---|---|---|---|

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

MORGAN & ELLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 80140
NAPLES, FLORIDA 34108
1500 SELF BLVD. SUITE 203
NAPLES, FLORIDA 34101
PHONE: (941) 261-7700
FAX: (941) 261-4841
PHONE: (941) 261-1882
FAX: (941) 261-4081

Job No: DACW17-99-D-0046
Date: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by
Drawn by: PDW
Checked by: JRM

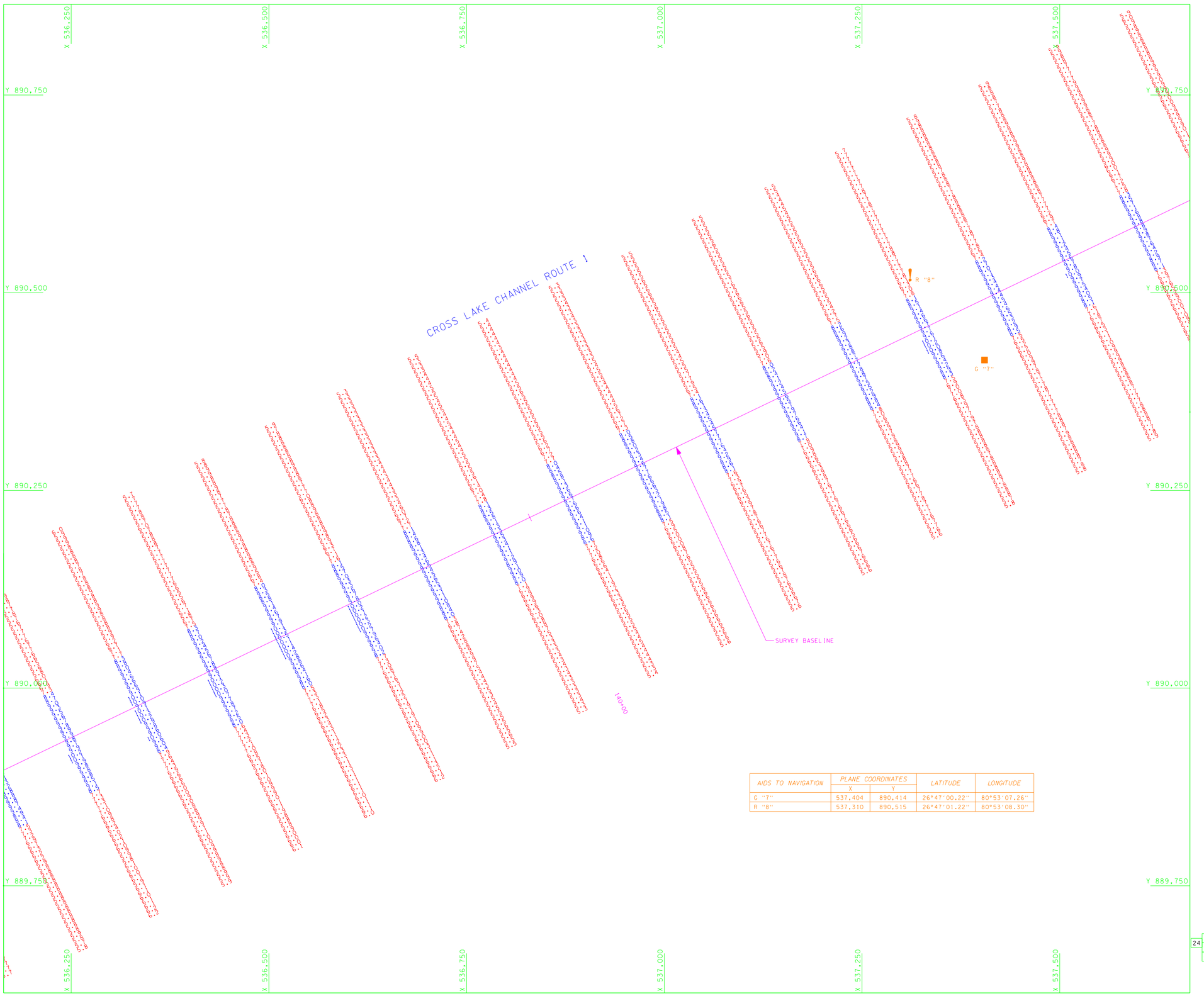
Dated:
D.O. FILE NO. 120-38,183

File name: C042S12.DGN
Reference files: BRDR.DGN, C042PLAN.DGN, C042CTRL.DGN, C042ELEV.DGN, C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 12 OF 24



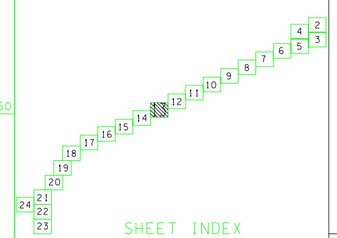

| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| G "7" | 537,404 | 890,414 | 26°47'00.22" | 80°53'07.26" |
| R "8" | 537,310 | 890,515 | 26°47'01.22" | 80°53'08.30" |

N

50 25 0 50 100FT
SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No | Date | Revision | Description | Approved |
|---|---|---|---|---|

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
1900 SILVER POND COURT
SUITE 203
DEFUNIAK SPRINGS, FL 32433
PHONE: (904) 21-1481
FAX: (904) 42-4081

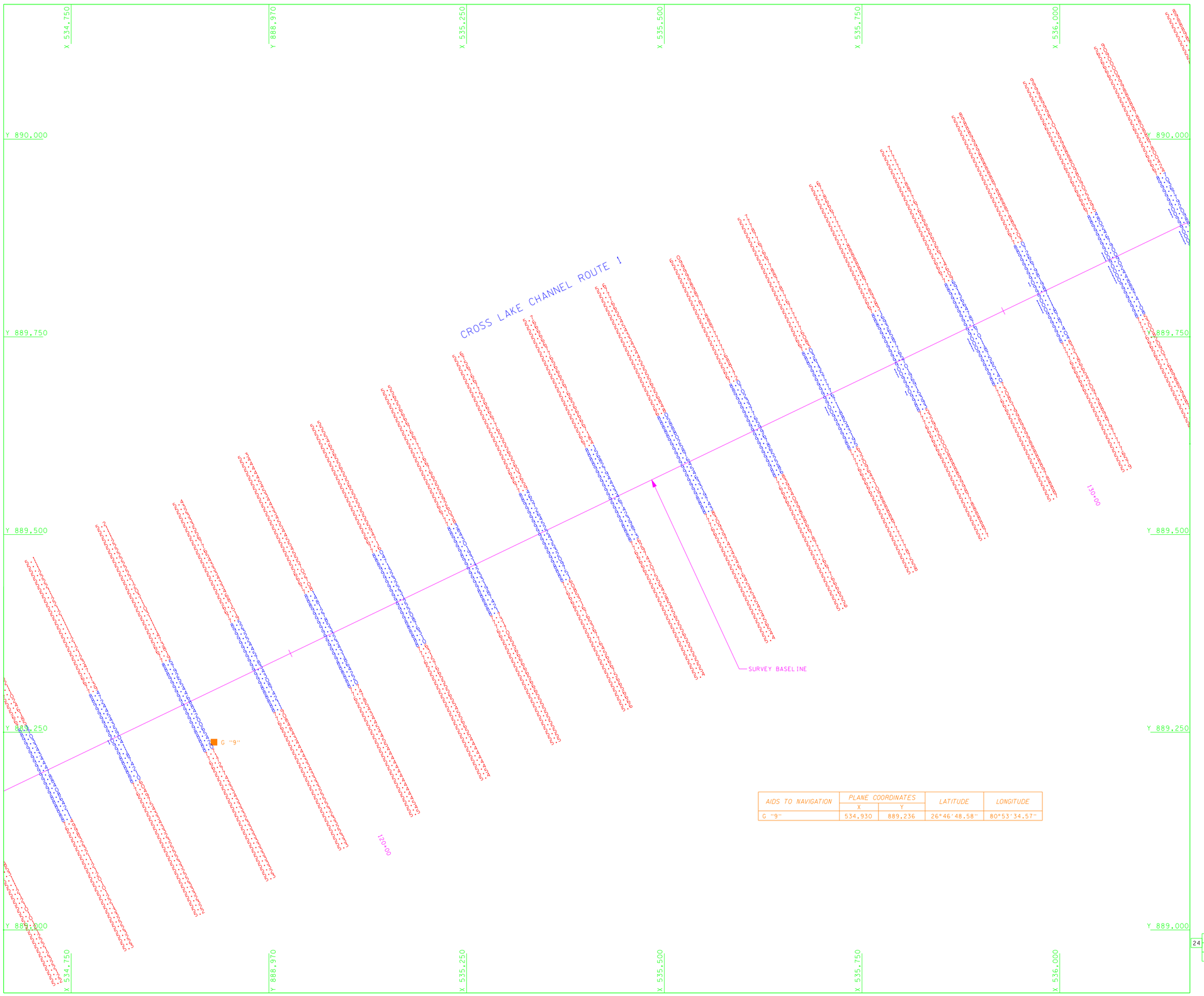
File No. DACW17-99-D-0046
Contract 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'
Designed by:
Drn by PDW
Ckd by JRM
Dated:
D.O. FILE NO. 120-38,183

File name C042S13.DGN
Reference files: BRGR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 13 OF 24




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| G "9" | 534,930 | 889,236 | 26°46'48.58" | 80°53'34.57" |

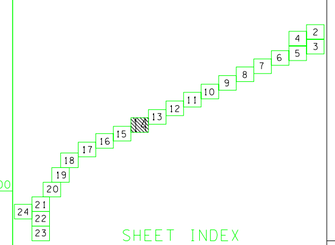
N

50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Description | Date | Approved |
|---|---|---|---|

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1403
MELBOURNE, FL 32902
1900 SATELLITE BLVD.
SUITE 203
DULUTH, GA 30097
PHONE: (561) 242-1403
FAX: (561) 242-0481
PHONE: (404) 271-6492
FAX: (404) 271-6491

Contract No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Drawn by: PDW
Checked by: GRM

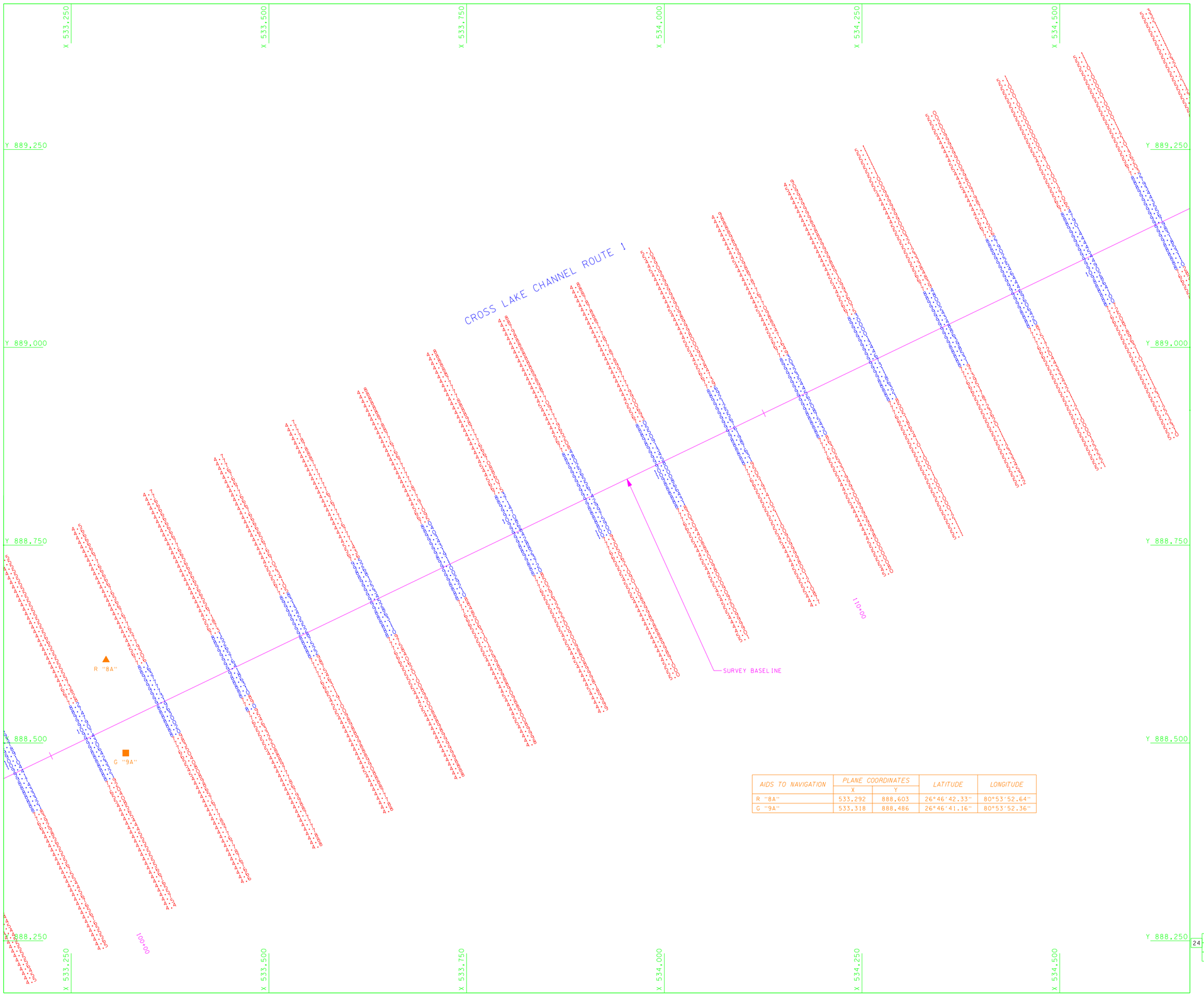
Dated
D.O.F ILE NO. 120-38,183

File name: C042S14.DGN
Reference files: BROR.DGN, C042PLAN.DGN, C042CTRL.DGN, C042ELEV.DGN, C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 14 OF 24



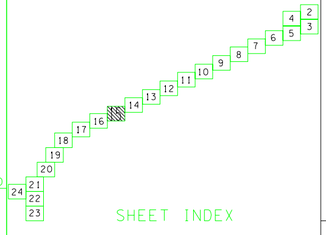

| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| R "8A" | 533,292 | 888,603 | 26°46'42.33" | 80°53'52.64" |
| G "9A" | 533,318 | 888,486 | 26°46'41.16" | 80°53'52.36" |

N

50 25 0 50 100FT
SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Symbol | Date | Description | Approved |
|---|---|---|---|---|

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 8040
MAITLAND, FL 32751
PHONE: (561) 389-7334
FAX: (561) 389-9165
1900 S.E. 3RD COURT
SUITE 203
DEERFIELD BEACH, FL 33441
PHONE: (954) 421-1481
FAX: (954) 421-0451

Fr. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Cad by: JRM
Ver. by: PDW

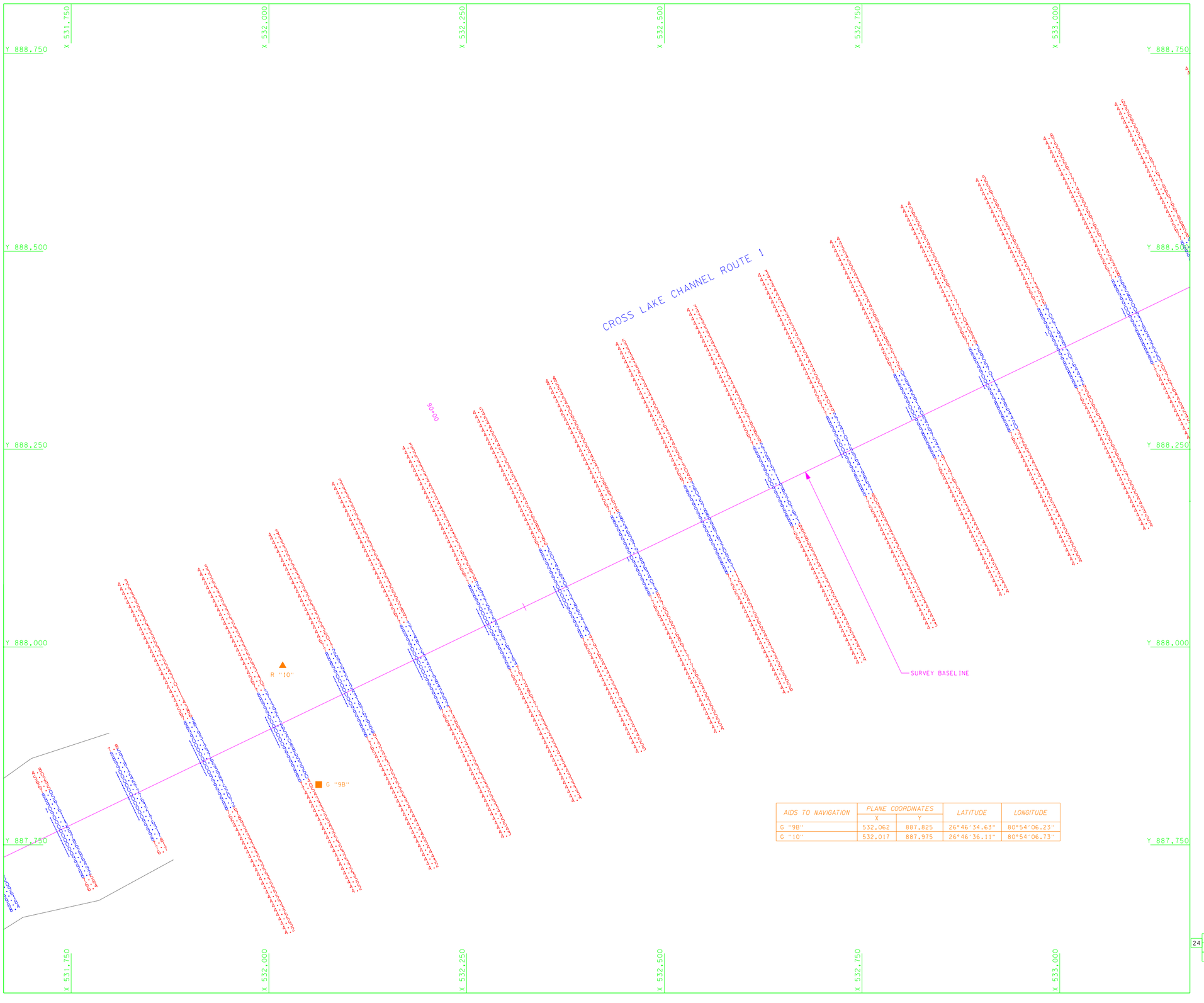
Dated:
D.O. FILE NO. 120-38,183

File name: C042SYS.DGN
Reference files:
BRGR.DGN
C042PLAN.DGN
C042CTRL.DGN
C042ELEV.DGN
C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 15 OF 24




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| G "9B" | 532,062 | 887,825 | 26°46'34.63" | 80°54'06.23" |
| G "10" | 532,017 | 887,975 | 26°46'36.11" | 80°54'06.73" |

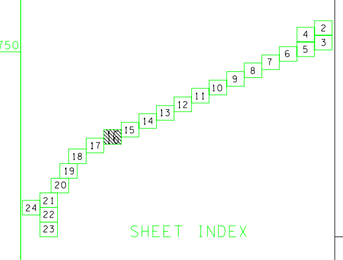
N

50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Date | Revision | Approved |
|---|---|---|---|
| | | | |

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 4461
WINTER PARK, FL 32793
PHONE: (941) 293-7535
FAX: (941) 293-9165
1900 SILVER COURT
SUITE 203
DEFUNIAK SPRINGS, FL 32435
PHONE: (904) 21-1481
FAX: (904) 42-4081

Designed by:
Dwn by: PDW
Ckd by: JRM
Date: 21 AUG 1999
Scale
Plot date: 19 FEB 2001
Plot scale: 1"=50'
Contr. No. DACW17-99-D-0046
Dsgnd: 21 AUG 1999
Dsgnd: D.O.FILE NO. 120-38,183

File name: C042516.DGN
Reference files: BRDR.DGN, C042PLAN.DGN, C042CTRL.DGN, C042ELEV.DGN, C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY

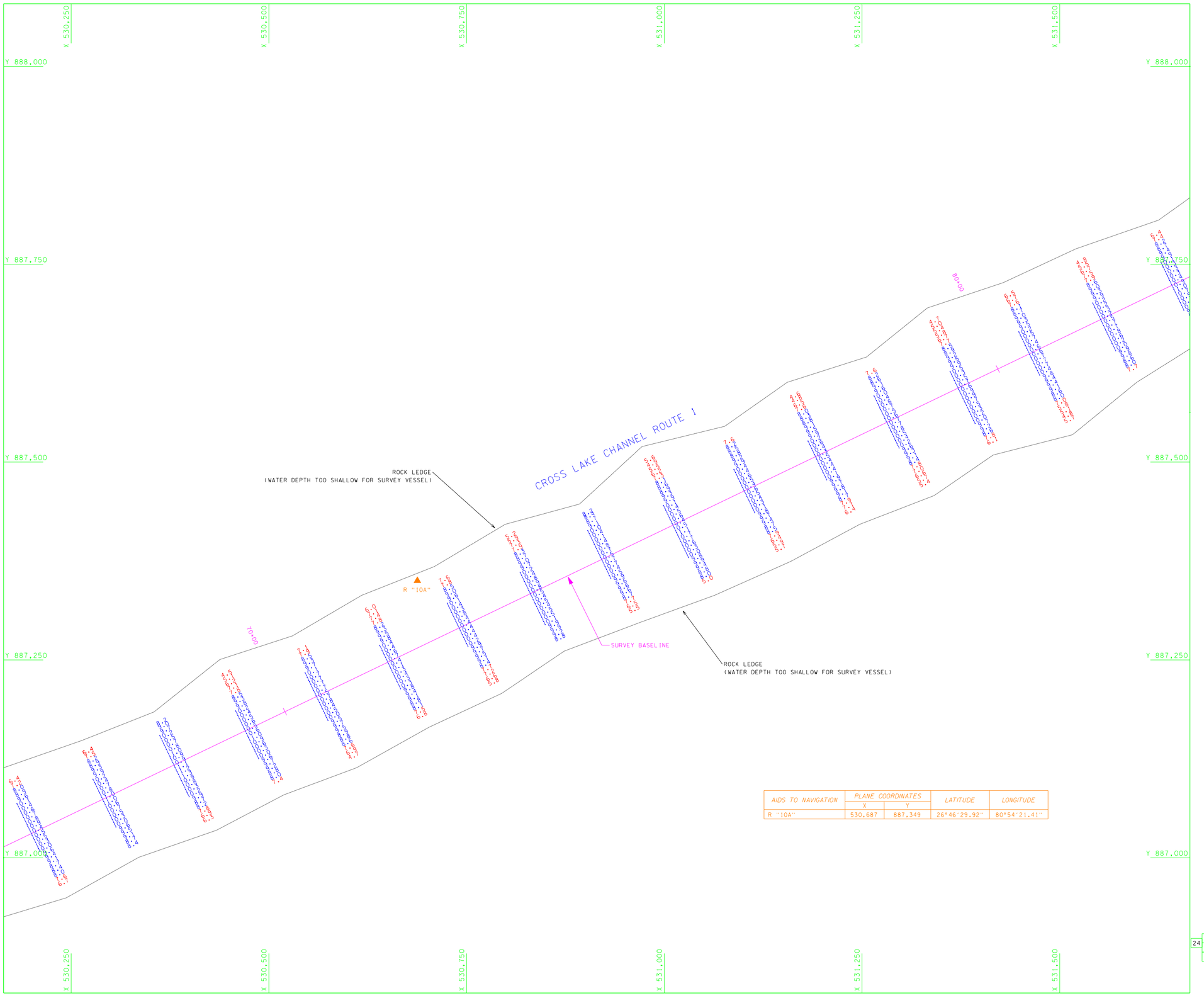
# HYDROGRAPHIC SURVEY

CROSS LAKE CHANNEL ROUTE 1

PLAN

DRAWING NO.

SHEET 16 OF 24




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| R "10A" | 530,687 | 887,349 | 26°46'29.92" | 80°54'21.41" |

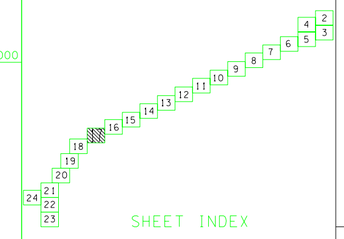
N

50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Date | Revision | Description | Approved |
|---|---|---|---|---|

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

MORGAN & ELLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1010
WINTER GARDEN, FL 34787
PHONE: (561) 348-7334
FAX: (561) 348-9165
1500 SUITE 203 COURT
DEERFIELD BEACH, FL 33441
PHONE: (954) 421-4482
FAX: (954) 421-4081

Dr. No. DACW17-99-D-0046
Date: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Drawn by: PDW
Checked by: JRM

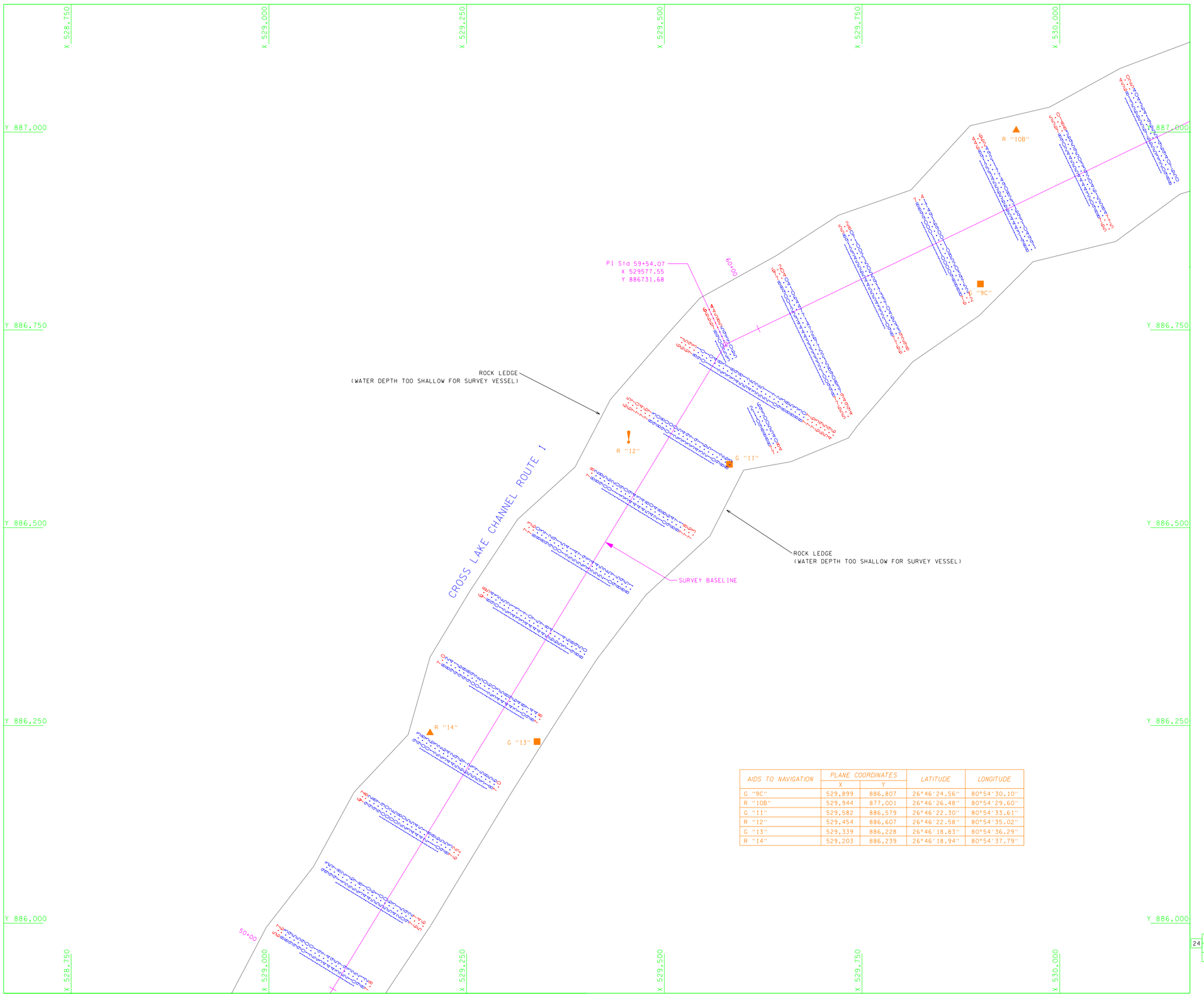
Dated
D.O.FILE NO. 120-38,183

File name: C042S17.DGN
Reference files:
BRDR.DGN
C042PLAN.DGN
C042CTRL.DGN
C042ELEV.DGN
C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 17 OF 24



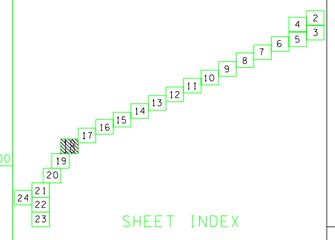

N

50 25 0 50 100FT
SCALE: 1"= 50'

| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| G "9C" | 529.899 | 886.807 | 26°46'24.56" | 80°54'30.10" |
| R "10B" | 529.944 | 877.001 | 26°46'26.48" | 80°54'29.60" |
| G "11" | 529.582 | 886.579 | 26°46'22.30" | 80°54'33.61" |
| R "12" | 529.454 | 886.607 | 26°46'22.58" | 80°54'35.02" |
| G "13" | 529.339 | 886.228 | 26°46'18.83" | 80°54'36.29" |
| R "14" | 529.203 | 886.239 | 26°46'18.94" | 80°54'37.79" |

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Symbol | Date | Description | Approved |
|---|---|---|---|---|

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1000
WAUCHULA, FL 33873
1500 SILTH ROAD
DESOTO CITY, FL 34941
PHONE: (941) 21-1482
FAX: (941) 421-4081

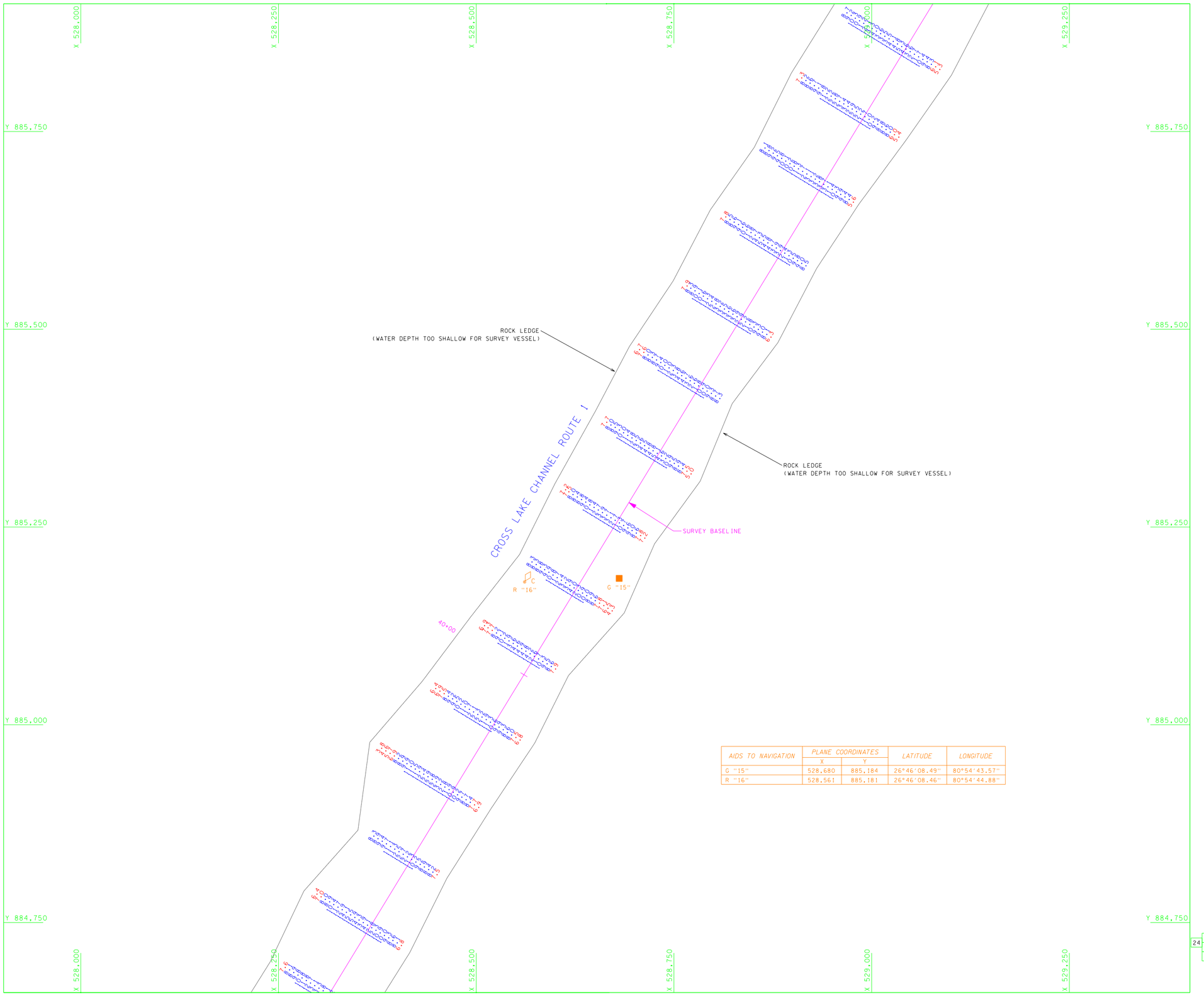
Dwg. No. DACW17-99-D-0046
Dates: 21 AUG 1999
Scale: Plot date: 19 FEB 2001
Plot scale: 1"=50'
Designed by:
Drawn by: PDW
Checked by: JRM
Dated
D.O.FILE NO. 120-38,183

File names: C042S18.DGN
Reference files: BRDR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

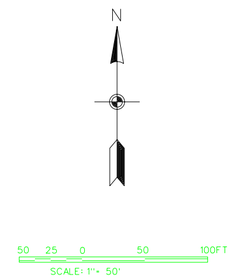
CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 18 OF 24

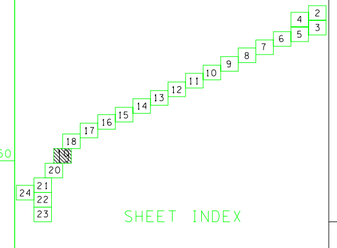



| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| G "15" | 528,680 | 885,184 | 26°46'08.49" | 80°54'43.57" |
| R "16" | 528,561 | 885,181 | 26°46'08.46" | 80°54'44.88" |




NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Symbol | Date | Description | Approved |
|---|---|---|---|---|

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1010
WINTER GARDEN, FL 34787
PHONE: (561) 388-7354
FAX: (561) 388-9165
1500 SILL BOULEVARD
SUITE 203
DEFUNIAK SPRINGS, FL 32435
PHONE: (904) 892-1441
FAX: (904) 892-4081

Inv. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Drawn by: PDW
Field by: JRM

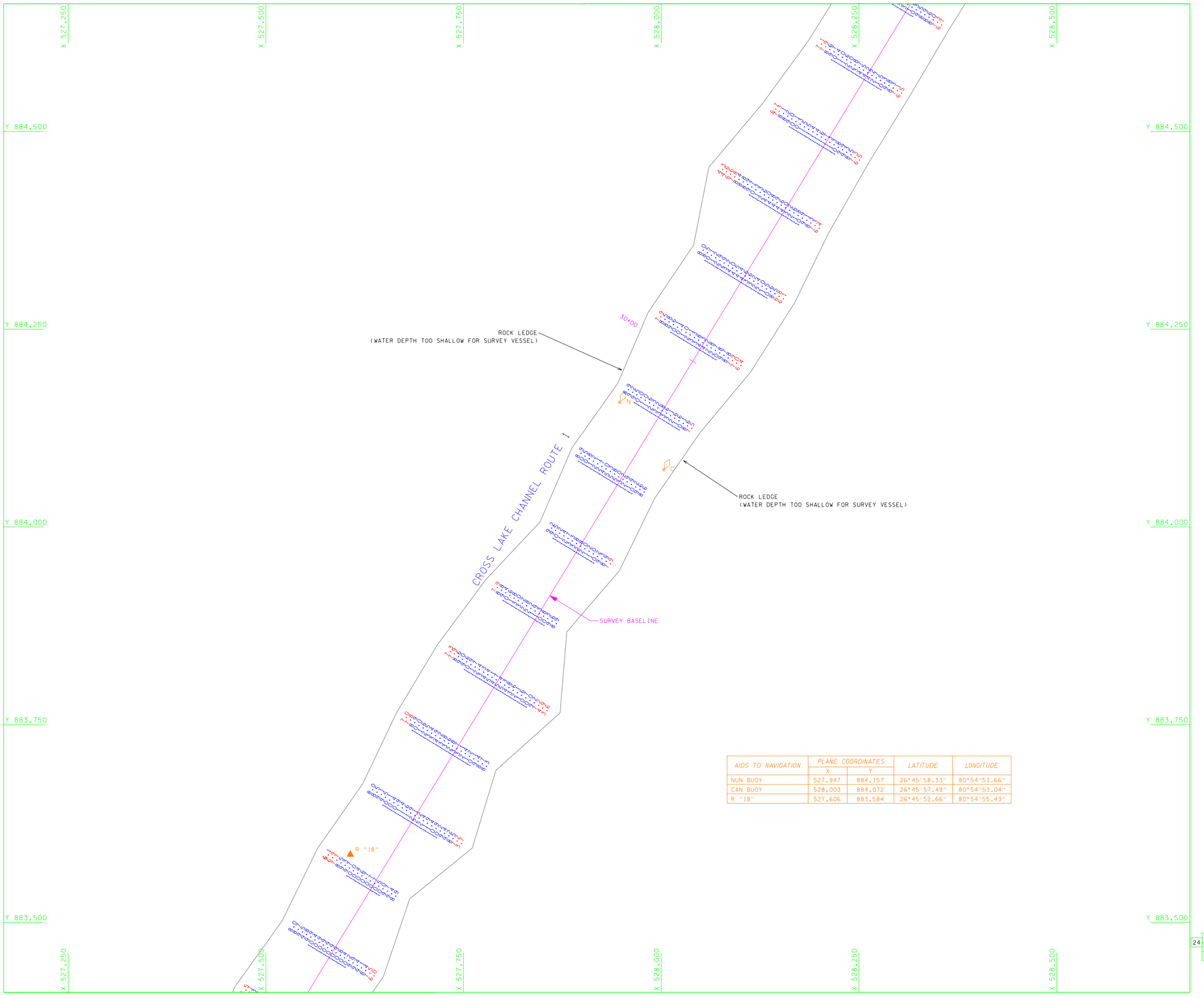
Dated:
D.O.FILE NO. 120-38,183

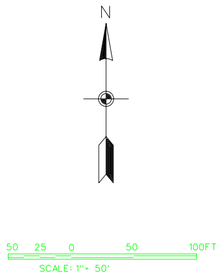
File name: C042S19.DGN
Reference files:
BRDR.DGN
C042CPLAN.DGN
C042CTRL.DGN
C042ELEV.DGN
C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 19 OF 24

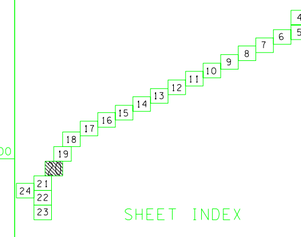



| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| NUN BUOY | 527.947 | 884.157 | 26°45'58.33" | 80°54'51.66" |
| CAN BUOY | 528.003 | 884.072 | 26°45'57.49" | 80°54'51.04" |
| R "18" | 527.606 | 883.584 | 26°45'52.66" | 80°54'55.43" |

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Symbol | Date | Description | Approved |
|---|---|---|---|---|

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
1500 SULTE 203 COURT
P.O. BOX 10703
DEYTONA BEACH, FLORIDA 32121
PHONE: (904) 257-1441
FAX: (904) 257-4081

Fil. No. DACW17-99-D-0046
Date: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

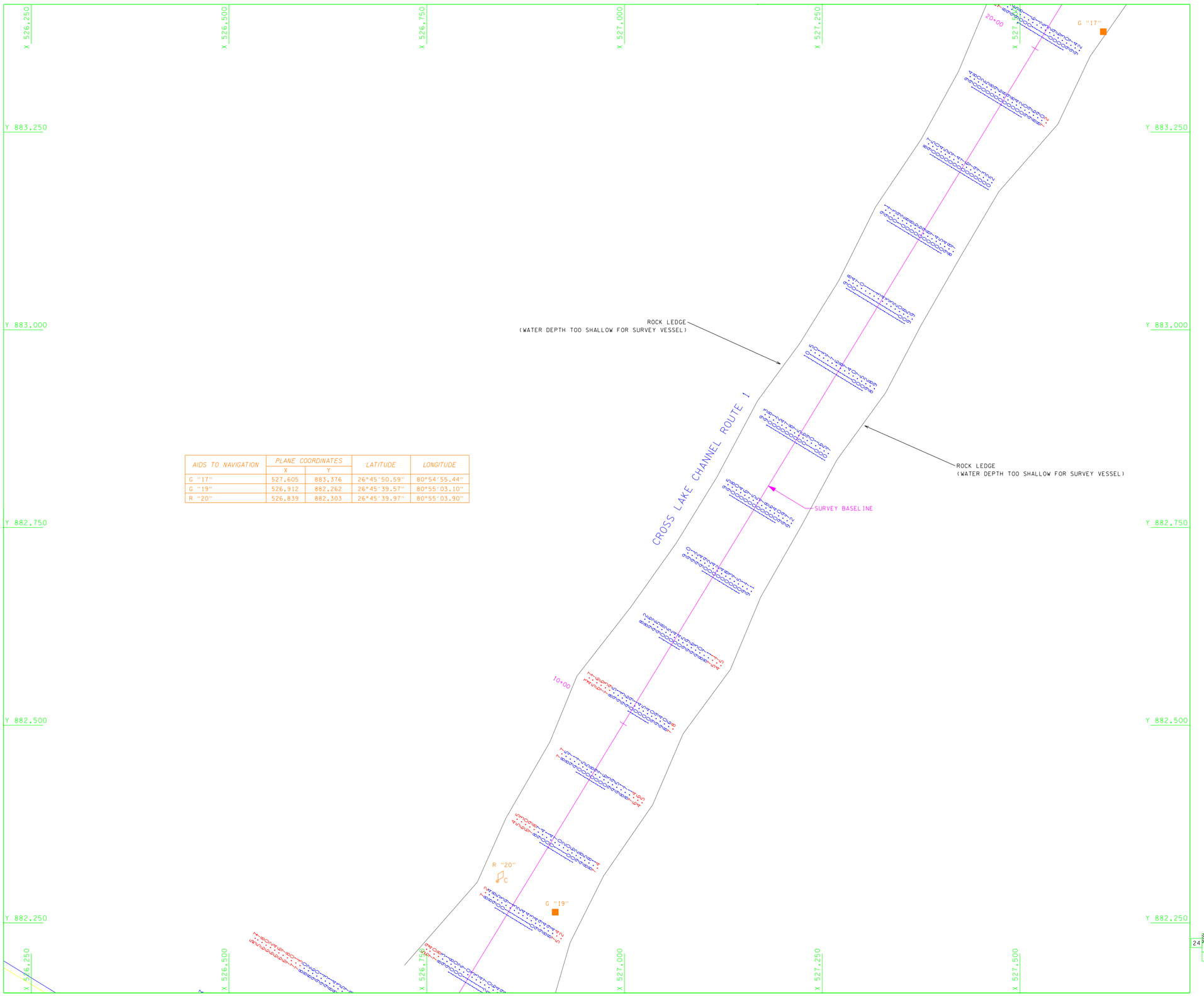
Designed by:
Cad by: JRM
Dwn by: PDW
Dated:
D.O. FILE NO. 120-38,183

File name: C042S2D.DGN
Reference files: BRDR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 20 OF 24




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| G "17" | 527,605 | 883,376 | 26°45'50.59" | 80°54'55.44" |
| G "19" | 526,912 | 882,262 | 26°45'39.57" | 80°55'03.10" |
| R "20" | 526,839 | 882,303 | 26°45'39.97" | 80°55'03.90" |

N

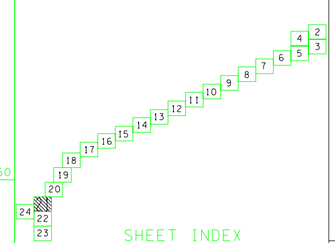
50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.

SHEET INDEX




US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Symbol | Date | Description | Approved |
|---|---|---|---|---|

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

MORGAN & ELLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1000
BUNNELL, FLORIDA 32110
1500 SILTH 200 COURT
DEYTONA BEACH, FLORIDA 32141
PHONE: (904) 441-1482
FAX: (904) 437-4081

Dwg. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by
Drawn by PDW
Checked by JRM

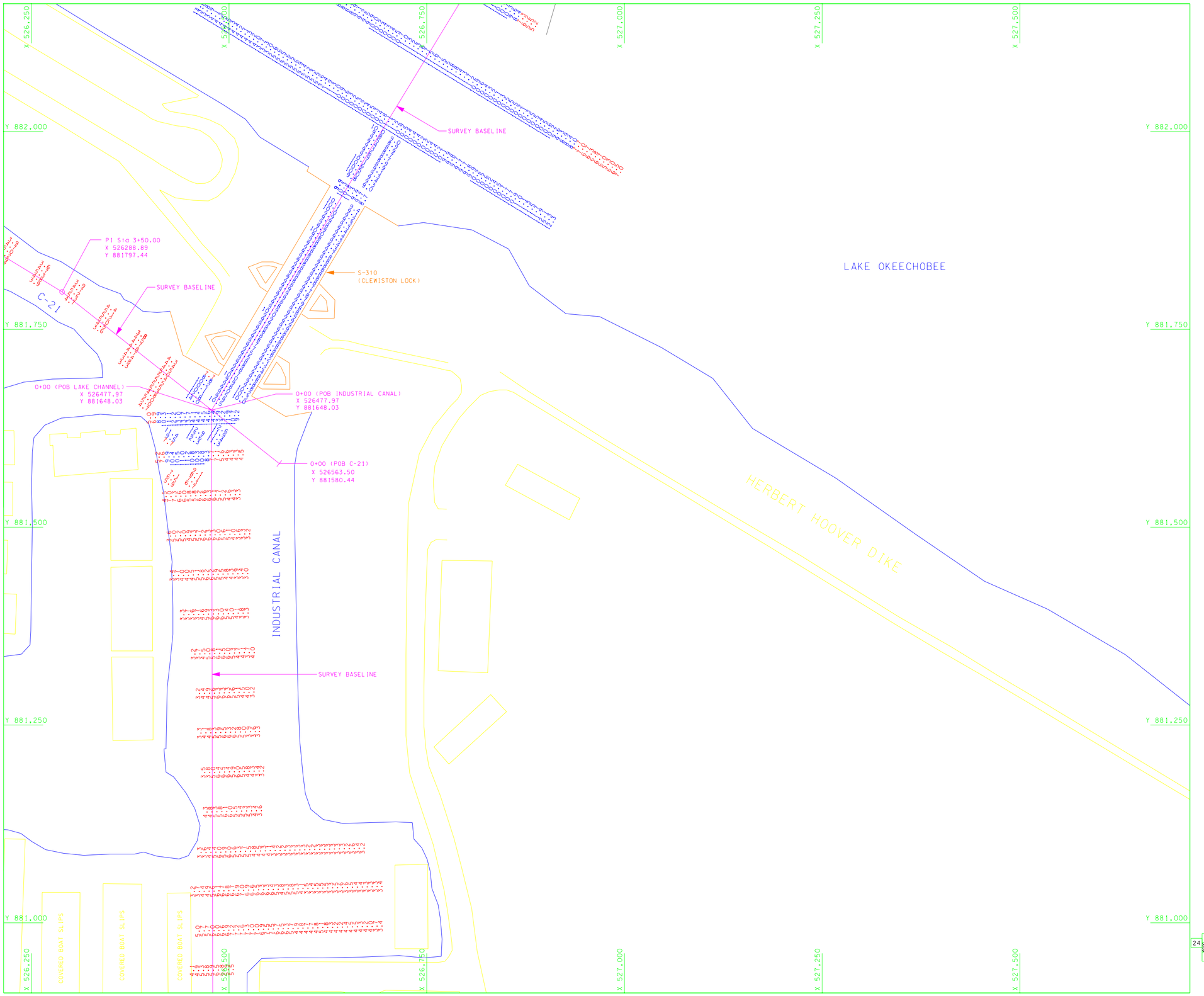
Dated
D.O.F ILE NO. 120-38,183

File name: C042321.DGN
Reference files: BROR.DGN, C042PLAN.DGN, C042CTRL.DGN, C042ELEV.DGN, C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
PLAN

DRAWING NO.

SHEET 21 OF 24




N

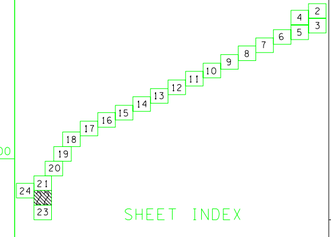
50 25 0 50 100FT

SCALE: 1"= 50'

NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.

SHEET INDEX




US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Symbol | Date | Description | Approved |
|---|---|---|---|---|

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

MORGAN & ERLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 1000
DELAND, FLORIDA 32721
1500 SUITE 203 COURT
DELAND, FLORIDA 32720
PHONE: (904) 217-0482
FAX: (904) 437-4081

Sol. No. DACW17-99-D-0046
Contract 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

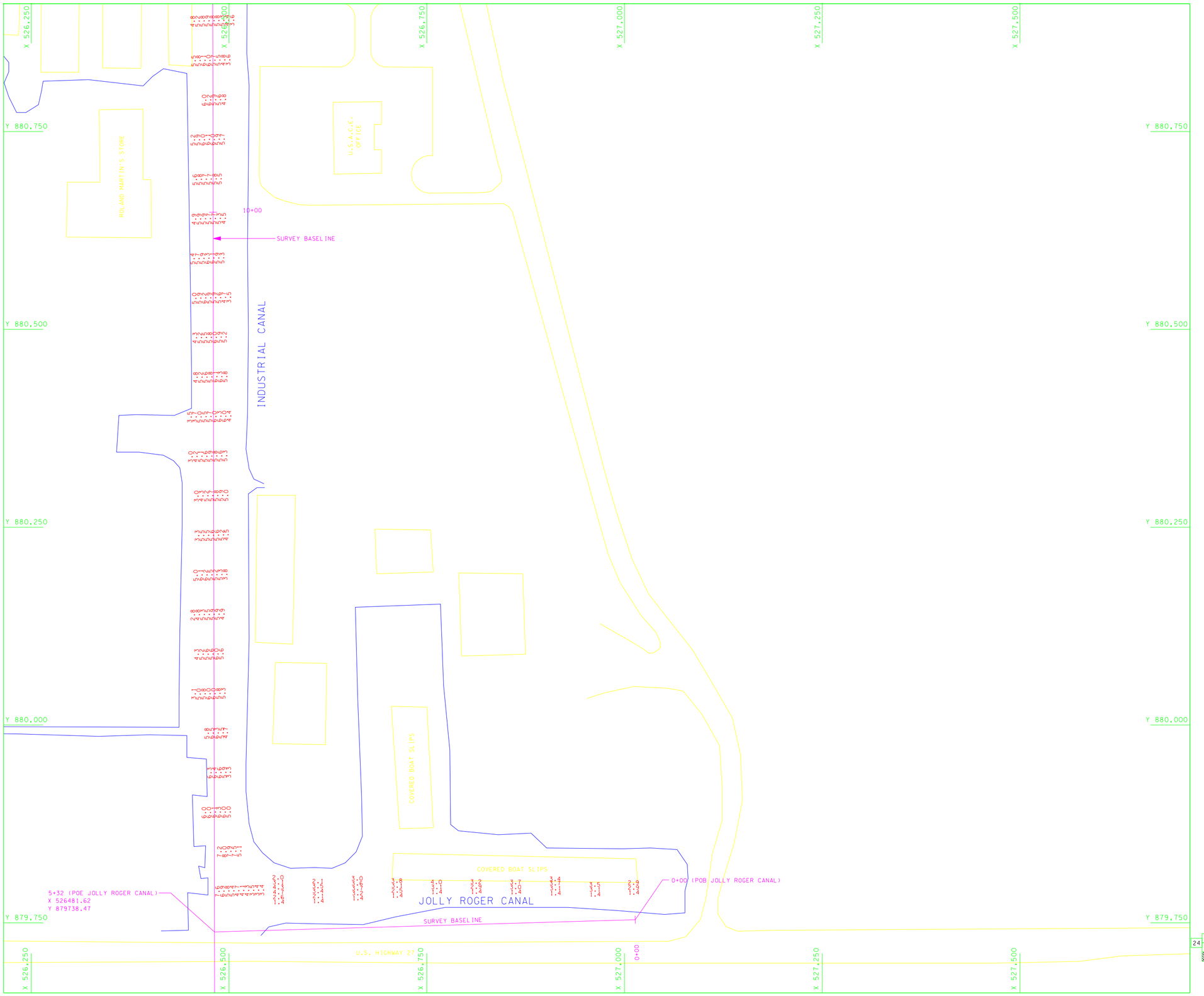
Designed by
Cad by JRM
Dwn by PDW
Dated
D.O. FILE NO. 120-38,183

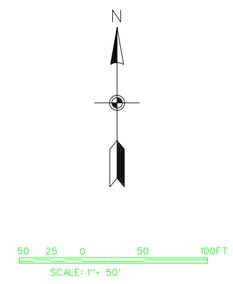
File name C042S22.DGN
Reference files: BRDR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CROSS LAKE CHANNEL ROUTE 1
CLEWISTON INDUSTRIAL CANAL AND C-21
PLAN

DRAWING NO.

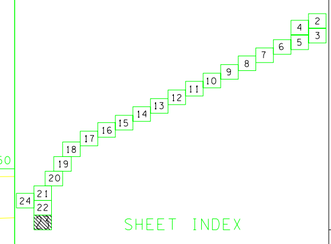
SHEET 22 OF 24




NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Date | Description | Approved |
|---|---|---|---|
| | | | |

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

MORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
P.O. BOX 10343
WINTER HAVEN, FL 33885
1500 SUITE 203 COURT
DEPUTY DR. WINTER HAVEN
PHONE: (941) 293-1241
FAX: (941) 421-4841
PHONE: (941) 421-4842
FAX: (941) 421-4841

Dr. No. DACW17-99-D-0046
Contract: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

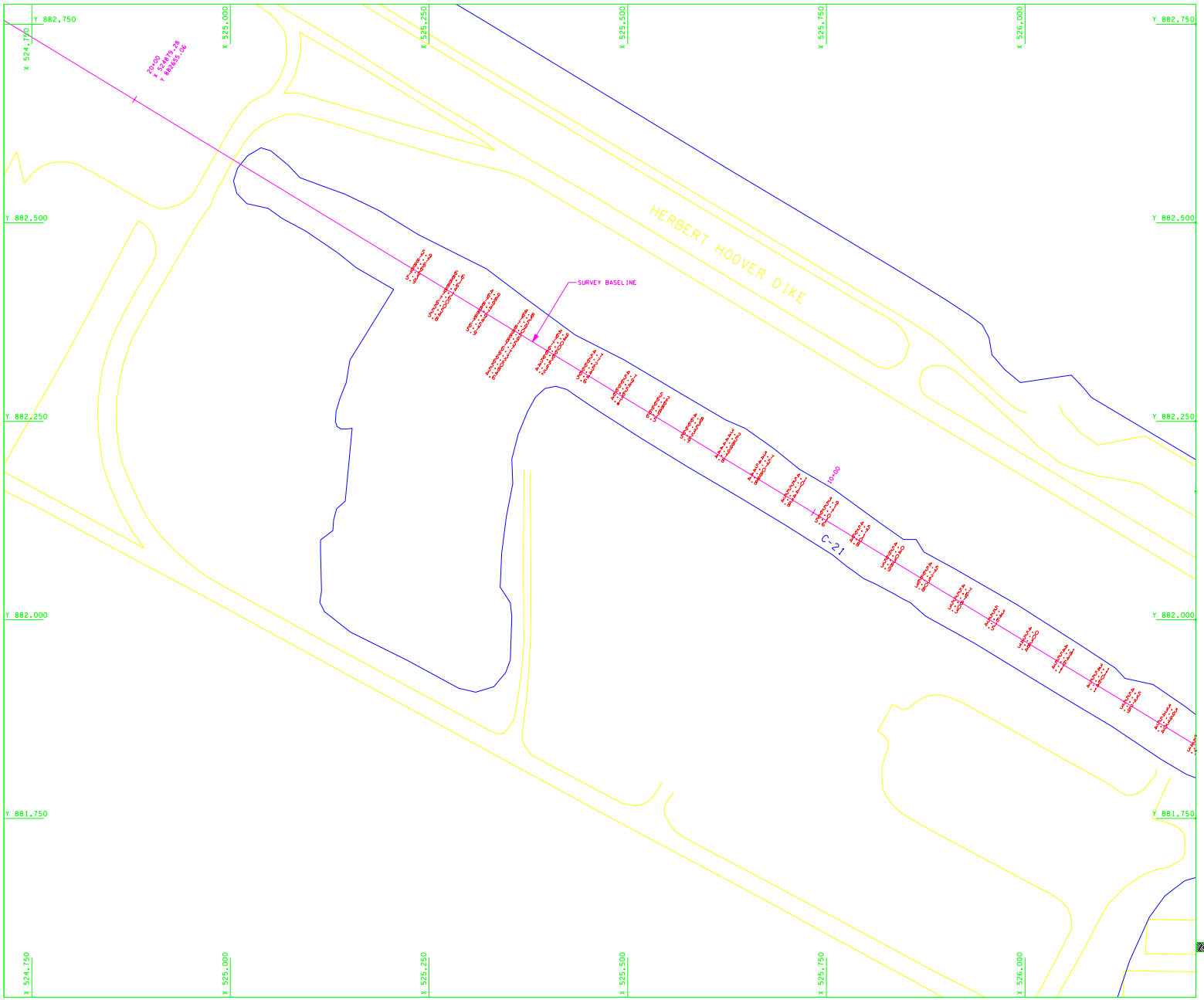
Designed by:
Cad by: JRM
Dwn by: PDW
Dated:
D.O. FILE NO. 120-38,183

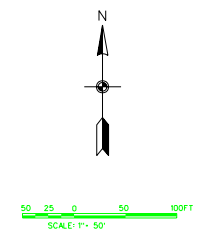
File name: C042S23.DGN
Reference files: BRDR.DGN C042PLAN.DGN C042CTRL.DGN C042ELEV.DGN C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
CLEWISTON INDUSTRIAL CANAL
PLAN

DRAWING NO.

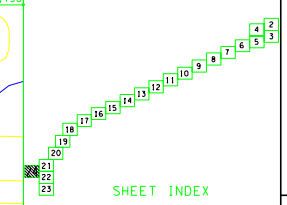
SHEET 23 OF 24




NOTES:

1. SEE SHEET No. 1 FOR NOTES.
2. REFER TO SURVEY No. 01-042.




SHEET INDEX

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

| No. | Symbol | Date | Description | Approved |
|---|---|---|---|---|

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

NORGAN & EKLUND, INC.
PROFESSIONAL SURVEY CONSULTANTS
8750 US HIGHWAY #1
PORTLAND, FL 32210
PHONE: (561) 388-2584
FAX: (561) 388-3150
1100 S.E. 3RD COURT
SUITE 300
DEERFIELD BEACH, FL 33441
PHONE: (954) 421-6882
FAX: (954) 421-0051

Dwg. No. DACW17-99-D-0046
Dated: 21 AUG 1999
Scale:
Plot date: 19 FEB 2001
Plot scale: 1"=50'

Designed by:
Dwn by: PCW
Ckd by: JRM
Dated:
D.O. FILE NO. 120-38,183

File name: C042S24.DGN
Reference files: BRDR.DGN
C042PLAN.DGN
C042CTRL.DGN
C042ELEV.DGN
C042SL.DGN

CLEWISTON, FLORIDA
OKEECHOBEE WATERWAY
HYDROGRAPHIC SURVEY
C-21
PLAN

DRAWING NO.

SHEET 24 OF 24