## CENTERLINE CONTROL

| CUT | COORDINATES (NAD 83) (X) | (Y) | ENDING STATION | AZIMUTH |
|---|---|---|---|---|
| 1 | 388,948.90 | 639,428.22 | 50+52.45 | 261-09-05 |
| 2 | 393,941.22 | 640,205.41 | 14+08.22 | 188-44-46 |
| 3 | 394,155.35 | 641,597.25 | 10+30.09 | 238-03-00 |
| 4 | 395,029.39 | 642,142.35 | 11+30.90 | 267-43-10 |
| 5 | 396,159.39 | 642,187.35 | 9+14.95 | 245-06-56 |
| 6 | 396,989.39 | 642,572.35 | 12+68.49 | 230-14-24 |
| 7 | 397,962.98 | 643,382.36 | 40+10.32 | 180-44-04 |
| 8 | 398,014.39 | 647,592.35 | 13+99.73 | 147-50-34 |
| 9 | 397,269.39 | 648,577.35 | 15+80.23 | 158-58-22 |
| 10 | 396,702.39 | 650,052.35 | 33+25.21 | 180-38-15 |
| 11 | 396,739.39 | 653,377.35 | 9+97.37 | 152-55-04 |
| 12 | 396,285.32 | 654,265.36 | 7+01.00 | 213-52-30 |
| 13 | 396,679.39 | 654,852.35 | 14+18.35 | 197-51-36 |
| 14 | 397,114.39 | 656,202.35 | 6+48.35 | 165-15-23 |
| 15 | 396,949.39 | 656,829.35 | 10+44.45 | 183-01-07 |
| END | 397,004.39 | 657,872.35 | | |
| TB | 396,285.32 | 654,265.36 | 7+00.00 | 174-23-12 |
| TB END | 396,216.84 | 654,962.01 | | |

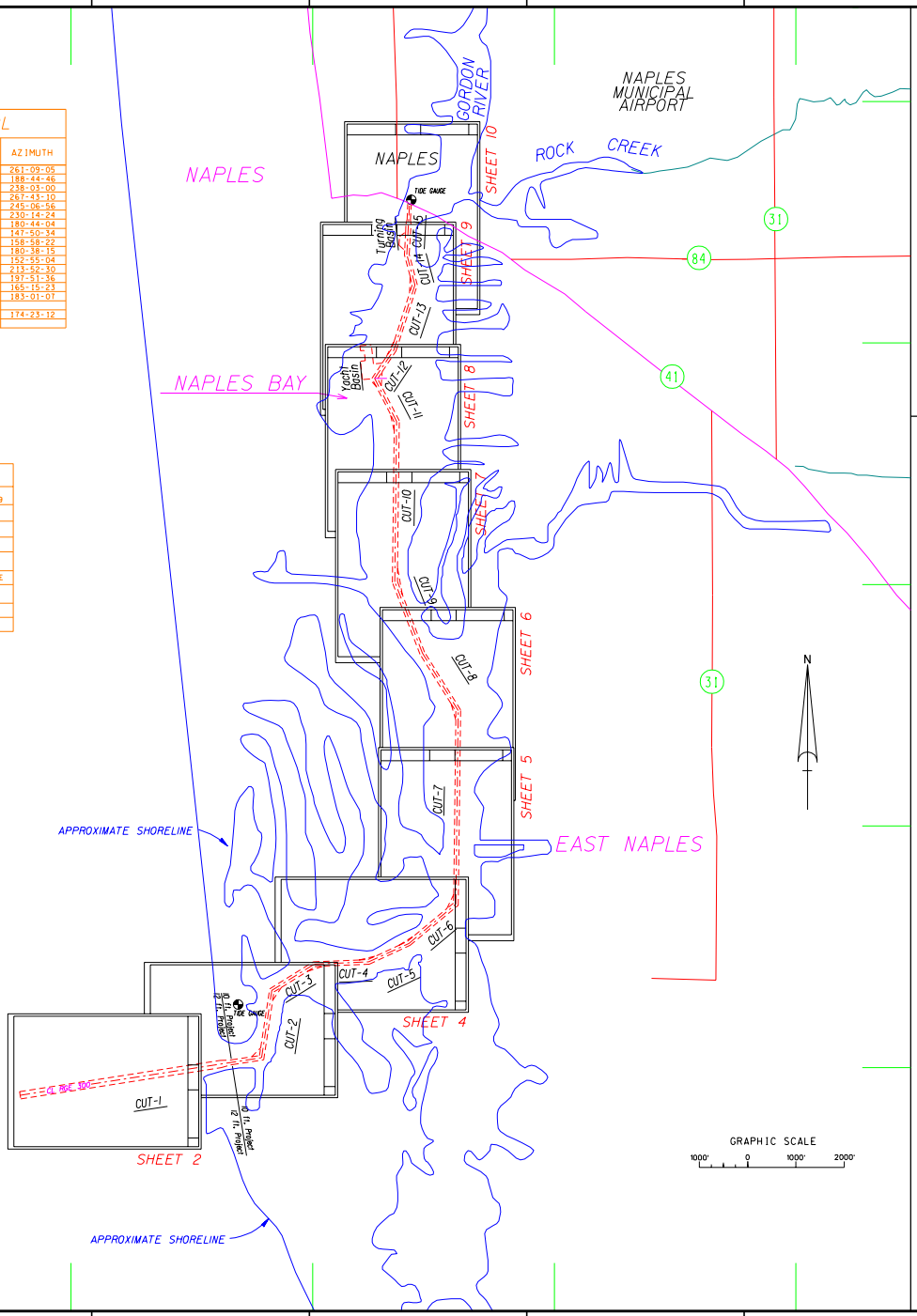
| BENCHMARKS | NGVD ELEV. (FT) |
|---|---|
| NBH-83 | 8.57 |
| NAPLES RESET | 7.56 |

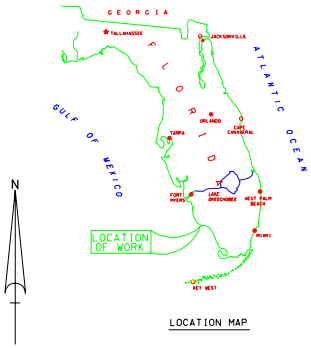
## ABBREVIATIONS

| | |
|---|---|
| NGVD | NATIONAL GEODETIC VERTICAL DATUM OF 1929 |
| EL | ELEVATION |
| CL | CENTERLINE |
| MLW | MEAN LOW WATER |
| DOT | FLORIDA DEPARTMENT OF TRANSPORTATION |
| NOS | NATIONAL OCEAN SERVICE |
| COE | CORPS OF ENGINEERS |
| STA. | STATION |
| RGE. | RANGE |

## LEGEND

| | |
|---|---|
| +BM | BENCHMARK |
| | LIGHTED BEACON |
| | GREEN DAYBEACON |
| | RED DAYBEACON |
| | RED LIGHTED BUOY |
| | GREEN LIGHTED BUOY |
| | CAN BUOY |
| | NUN BUOY |
| | TIDE STAFF |




LOCATION MAP

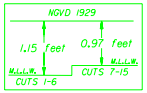
# NAPLES TO GORDON PASS COLLIER COUNTY, FLORIDA PROJECT CONDITION SURVEY

SURVEY NOTES:

1. REFER TO SURVEY NO. 02-016.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 1.15 FEET BELOW NGVD 1929 FOR CUT-1 THRU CUT-6, AND 0.97 FEET BELOW NGVD 1929 FOR CUT-7 THRU CUT-15.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS FOR CUT-1 THRU 6 WERE MADE FROM A STAFF SET ON A WOODEN PILING IN THE VICINITY OF AND REFERENCED TO BENCHMARK "NBH-83". TIDAL REDUCTIONS FOR CUT-7 THRU 13 WERE MADE FROM A STAFF SET ON A WOODEN PILING AT "KELLY'S FISH CAMP" AND REFERENCED FROM BENCHMARK "NAPLES RESET".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

| VESSEL | DATE OF SURVEY | CUT |
|---|---|---|
| WB-34 | 12-13 DEC 2001 | CUT-1 THRU CUT-15 |

9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
11. SURVEY QUALITY CONTROL STANDARDS AND FIELD EQUIPMENT CALIBRATIONS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH EM 1110-2-1003 FOR CLASS 2 HYDROGRAPHIC SURVEYS.




Relationship between NGVD 1929 and NOAA Mean Lower Low Water Tidal Datum (1960-1978 epoch)

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: X:X

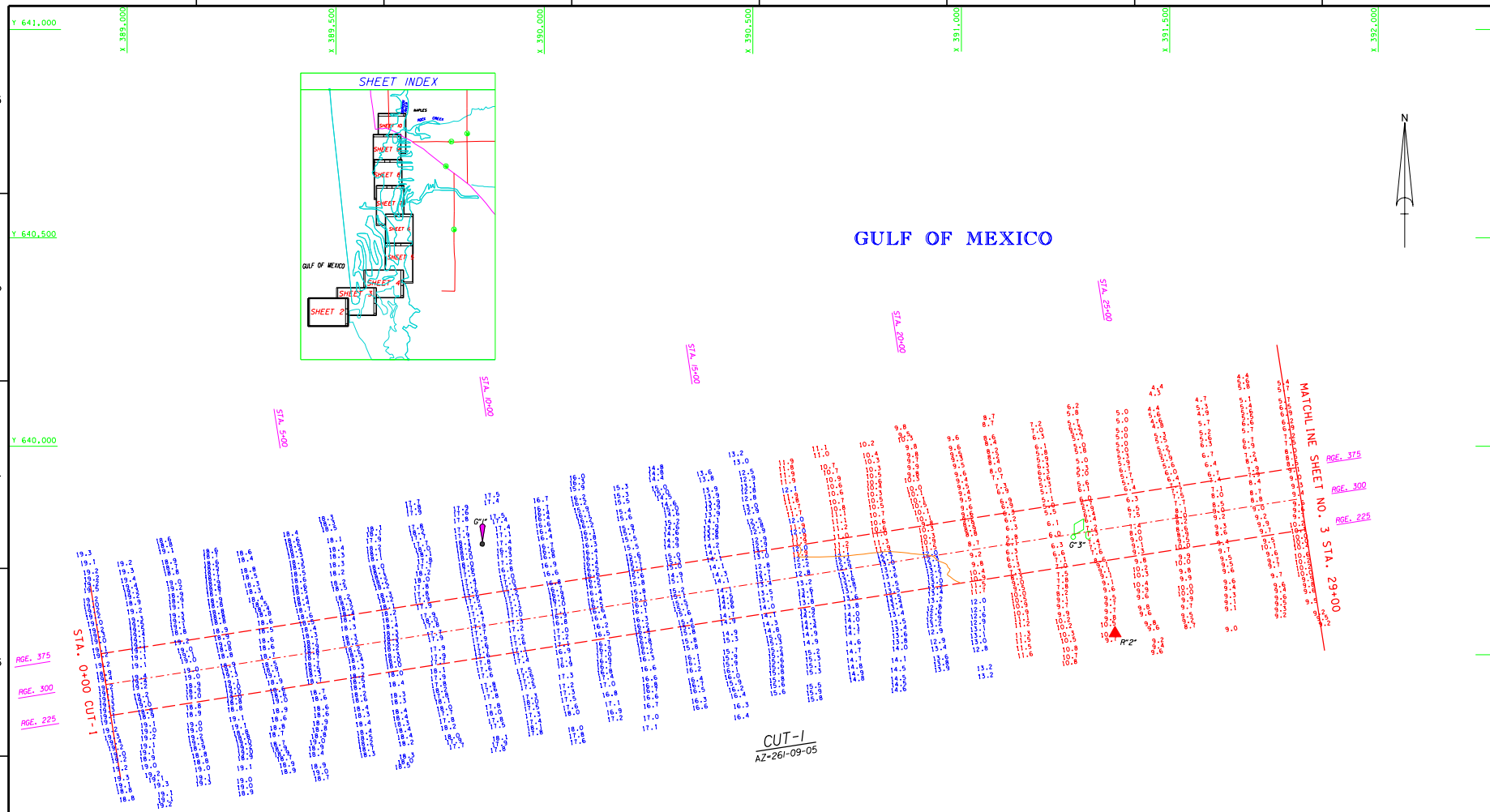
Designed by: WBS
Dwn by: EJG
Ckd by: WMW
Rvwr:
Dated: DEC 2001
D.O.FILE NO.

File name: 10CBSH01.DGN
Reference files: BRCP08.DGN
NAPTOP01.DGN

NAPLES TO GORDON PASS
COLLIER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
INDEX, COVER AND LOCATION PLAN

DRAWING NO.
1/11

SHEET 1 OF 11




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| LT-1 (12/01) | 389,848 | 639,760 | 26°05'29.24" | 81°48'41.19" |
| DBN-2 (12/01) | 391,368 | 639,555 | 26°05'27.30" | 81°48'28.51" |
| DBN-3 (12/01) | 391,268 | 639,782 | 26°05'29.54" | 81°48'25.63" |

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 02-016.
2. SEE SHEET NO.1 FOR SURVEY 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

Inv. No.: DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: RWH
Dwn by: RWH
Ckd by: WRM
Dated: DEC 2001
D.O.FILE NO.

File name: D016SH02.DGN
Reference files: BRDR98.DGN, BO3TELEV.DGN, DO16NAV.DGN, NAPTOPO.DGN, DO16CLDGN, CONT2.DGN, NAPCHL.DGN

NAPLES TO GORDON PASS
COLLIER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
STA. 0+00 THRU STA. 29+00 CUT-1
PLAN

DRAWING NO.
2/11

SHEET 2 OF 11

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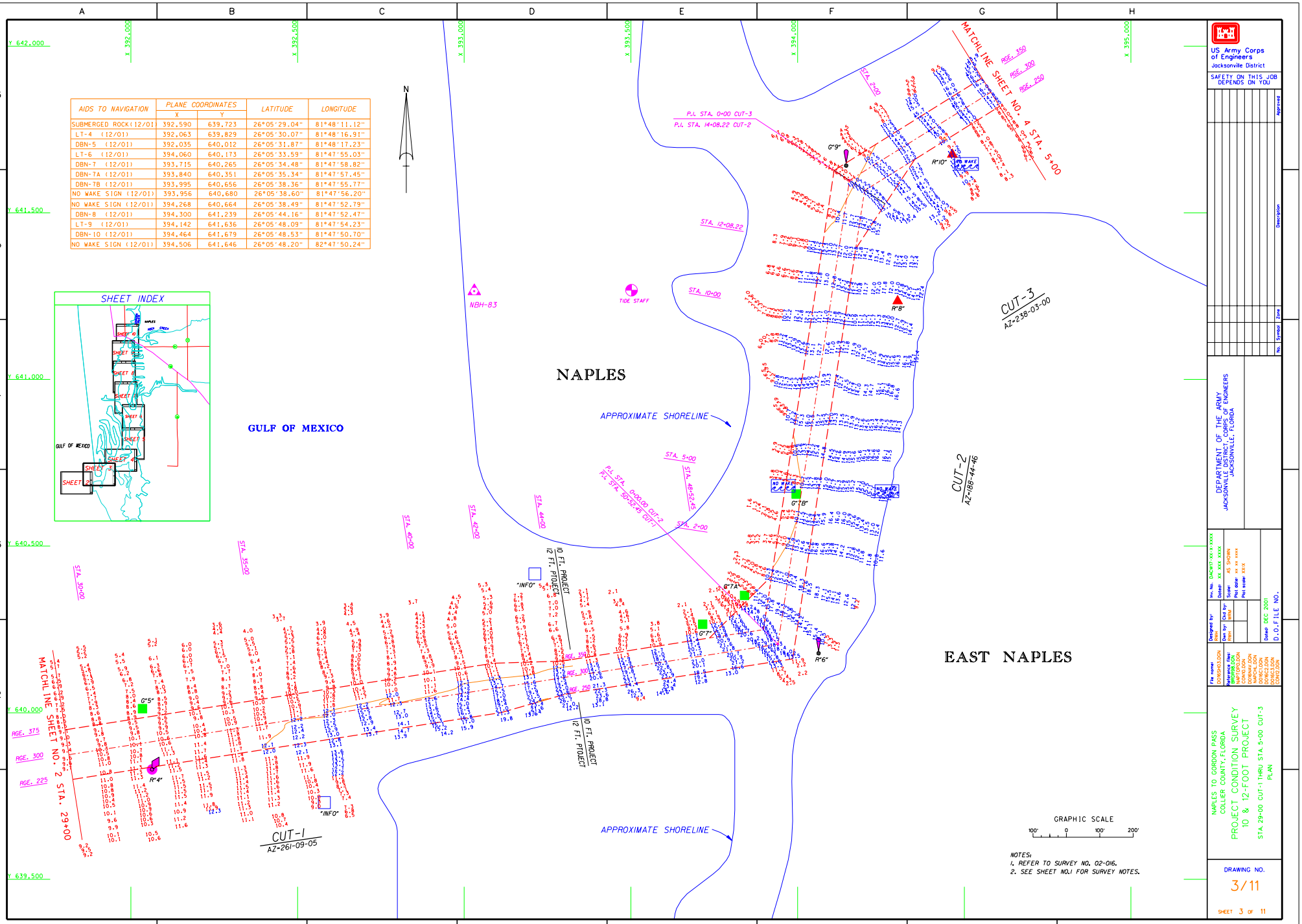
| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| SUBMERGED ROCK(12/01) | 392,590 | 639,723 | 26°05'29.04" | 81°48'11.12" |
| LT-4 (12/01) | 392,063 | 639,829 | 26°05'30.07" | 81°48'16.91" |
| DBN-5 (12/01) | 392,035 | 640,012 | 26°05'31.87" | 81°48'17.23" |
| LT-6 (12/01) | 394,060 | 640,173 | 26°05'33.59" | 81°47'55.03" |
| DBN-7 (12/01) | 393,715 | 640,265 | 26°05'34.48" | 81°47'58.82" |
| DBN-7A (12/01) | 393,840 | 640,351 | 26°05'35.34" | 81°47'57.45" |
| DBN-7B (12/01) | 393,995 | 640,656 | 26°05'38.36" | 81°47'55.77" |
| NO WAKE SIGN (12/01) | 393,956 | 640,680 | 26°05'38.60" | 81°47'56.20" |
| NO WAKE SIGN (12/01) | 394,268 | 640,664 | 26°05'38.49" | 81°47'52.79" |
| DBN-8 (12/01) | 394,300 | 641,239 | 26°05'44.16" | 81°47'52.47" |
| LT-9 (12/01) | 394,142 | 641,636 | 26°05'48.09" | 81°47'54.23" |
| DBN-10 (12/01) | 394,464 | 641,679 | 26°05'48.53" | 81°47'50.70" |
| NO WAKE SIGN (12/01) | 394,506 | 641,646 | 26°05'48.20" | 82°47'50.24" |




NOTES:
1. REFER TO SURVEY NO. 02-016.
2. SEE SHEET NO.1 FOR SURVEY 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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: X:X:X

Designed by:
Drawn by:
Chkd by:
Rvwd:
APPVD:

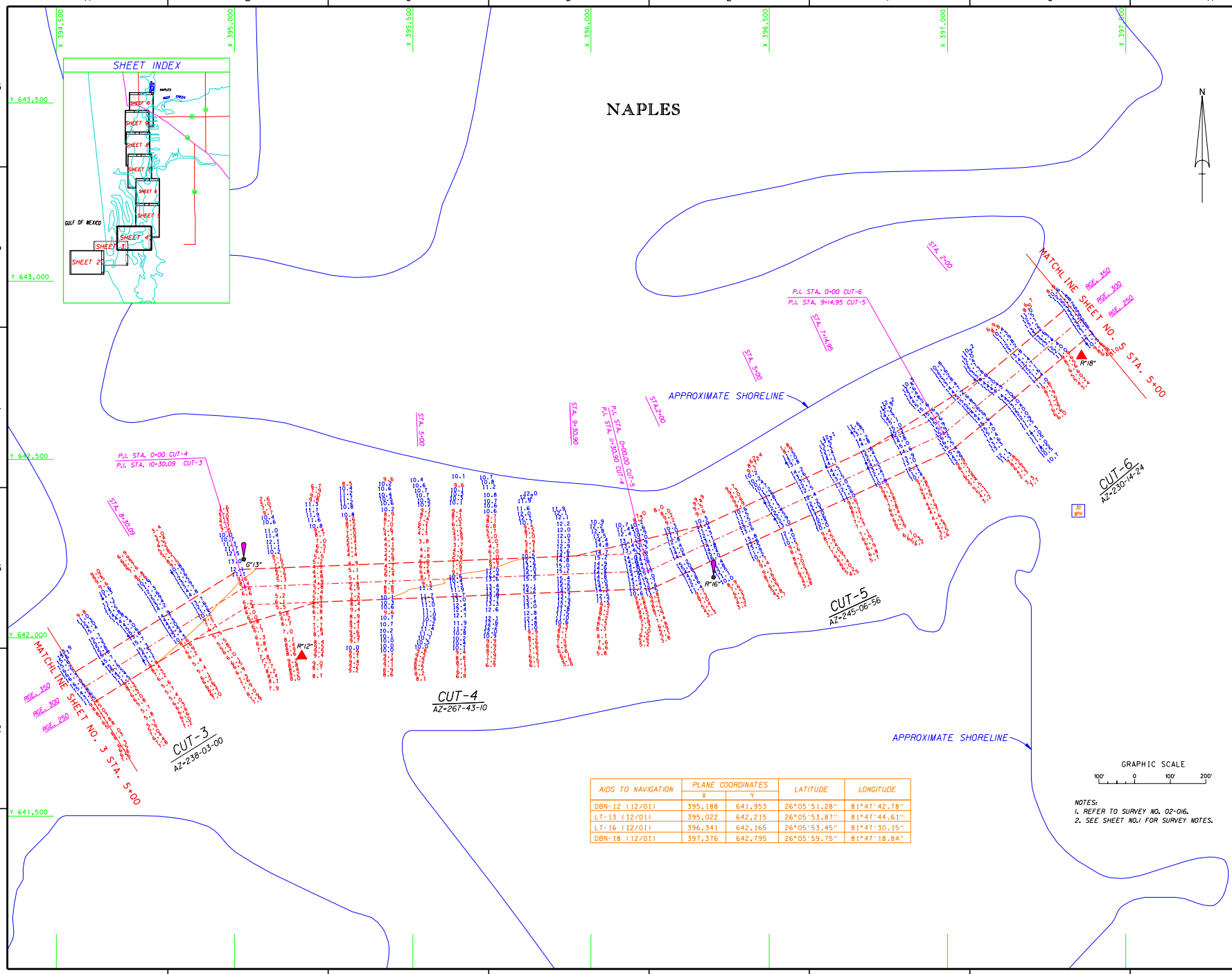
Dated: DEC 2001
D.O.F.FILE NO.

File name: 02C8SH03.DGN
Reference files:
NAPTOPO.DGN
NAPTOPO2.DGN
02C8MAP.DGN
NAPCIL.DGN
02C8CIL.DGN
02C8C2.DGN
02C8C3.DGN
02C8C4.DGN

NAPLES TO GORDON PASS
COLLIER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
STA.29+00 CUT-1 THRU STA.5+00 CUT-3
PLAN

DRAWING NO.
3/11

SHEET 3 OF 11




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| DBN-12 (12/01) | 395,188 | 641,953 | 26°05'51.28" | 81°47'42.78" |
| LT-13 (12/01) | 395,022 | 642,215 | 26°05'53.87" | 81°47'44.61" |
| LT-16 (12/01) | 396,341 | 642,165 | 26°05'53.45" | 81°47'30.15" |
| DBN-18 (12/01) | 397,376 | 642,795 | 26°05'59.75" | 81°47'18.84" |

NOTES:
1. REFER TO SURVEY NO. 02-016.
2. SEE SHEET NO.1 FOR SURVEY 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

Designed by: RWH
Dwn by: RWH
Ckd by: WRM
Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Dated: DEC 2001
D.O. FILE NO.

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Reference files: 0016R16.DGN NAPTOPO.DGN NAPCHL.DGN CONNO.DGN D016NAV.DGN D016C3.DGN D016C4.DGN D016C5.DGN D016C6.DGN

NAPLES TO GORDON PASS
COLLIER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
STA. 5+00 CUT-3 THRU STA. 5+00 CUT-6
PLAN

DRAWING NO.
4/11

SHEET 4 OF 11

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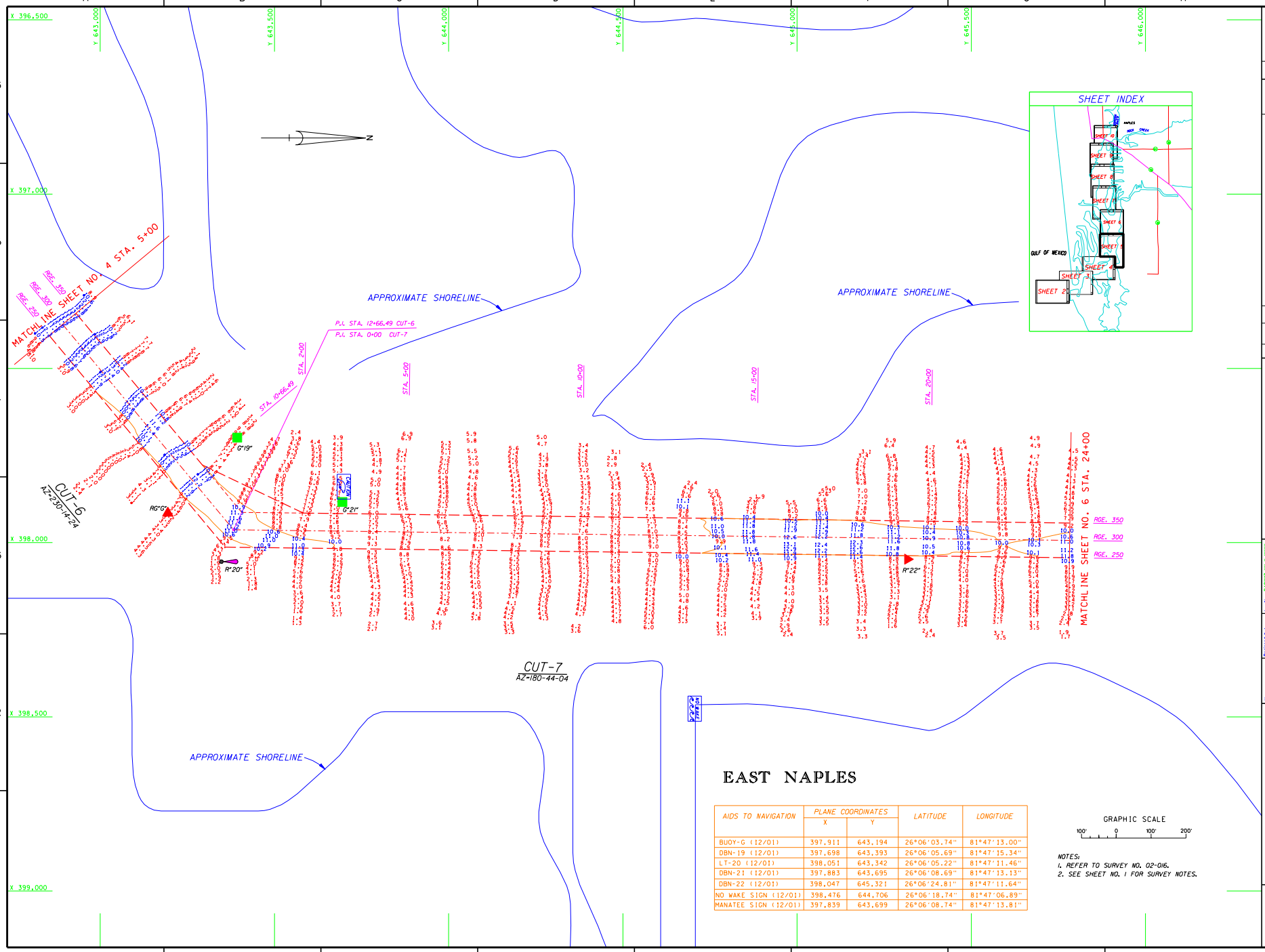


# EAST NAPLES

| AIDS TO NAVIGATION | PLANE COORDINATES X | PLANE COORDINATES Y | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| BUOY-G (12/01) | 397,911 | 643,194 | 26°06'03.74" | 81°47'13.00" |
| DBN-19 (12/01) | 397,698 | 643,393 | 26°06'05.69" | 81°47'15.34" |
| LT-20 (12/01) | 398,051 | 643,342 | 26°06'05.22" | 81°47'11.46" |
| DBN-21 (12/01) | 397,883 | 643,695 | 26°06'08.69" | 81°47'13.13" |
| DBN-22 (12/01) | 398,047 | 645,321 | 26°06'24.81" | 81°47'11.64" |
| NO WAKE SIGN (12/01) | 398,476 | 644,706 | 26°06'18.74" | 81°47'06.89" |
| MANATEE SIGN (12/01) | 397,839 | 643,699 | 26°06'08.74" | 81°47'13.81" |

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 02-016.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
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| No. | Symbol | Zone | Description | Approved |
|---|---|---|---|---|

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

Inv. No. DACW17-XX-X-XXXX
Dataset XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: X/X

Designed by: RBM
Dwn by: PBH
Ckd by: RBM

Dated: DEC 2001
D.O.F. FILE NO.

File name: D0XSH05.DGN
Reference files: D0FXB6.DGN
D0FXB7.DGN
NAPTOPO.DGN
CONVD.DGN
D0XBUA.DGN
D0XBUB.DGN
D0XBC7.DGN

NAPLES TO GORDON PASS
COLLIER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
STA. 5+00 CUT-6 THRU STA. 24+00 CUT-7
PLAN

DRAWING NO.
5/11

SHEET 5 OF 11

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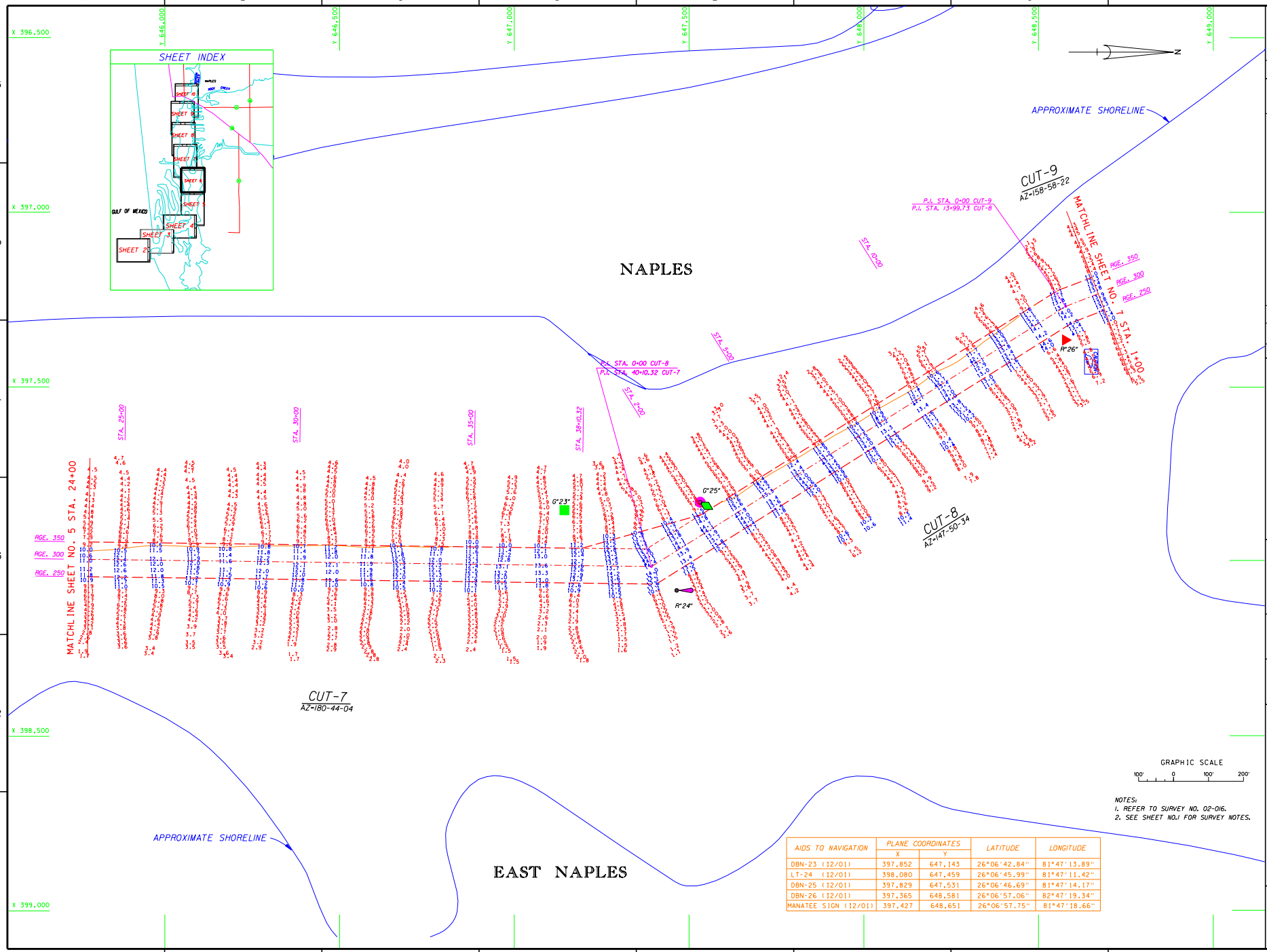


| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| DBN-23 (12/01) | 397,852 | 647,143 | 26°06'42.84" | 81°47'13.89" |
| LT-24 (12/01) | 398,080 | 647,459 | 26°06'45.99" | 81°47'11.42" |
| DBN-25 (12/01) | 397,829 | 647,531 | 26°06'46.69" | 81°47'14.17" |
| DBN-26 (12/01) | 397,365 | 648,581 | 26°06'57.06" | 82°47'19.34" |
| MANATEE SIGN (12/01) | 397,427 | 648,651 | 26°06'57.75" | 81°47'18.66" |

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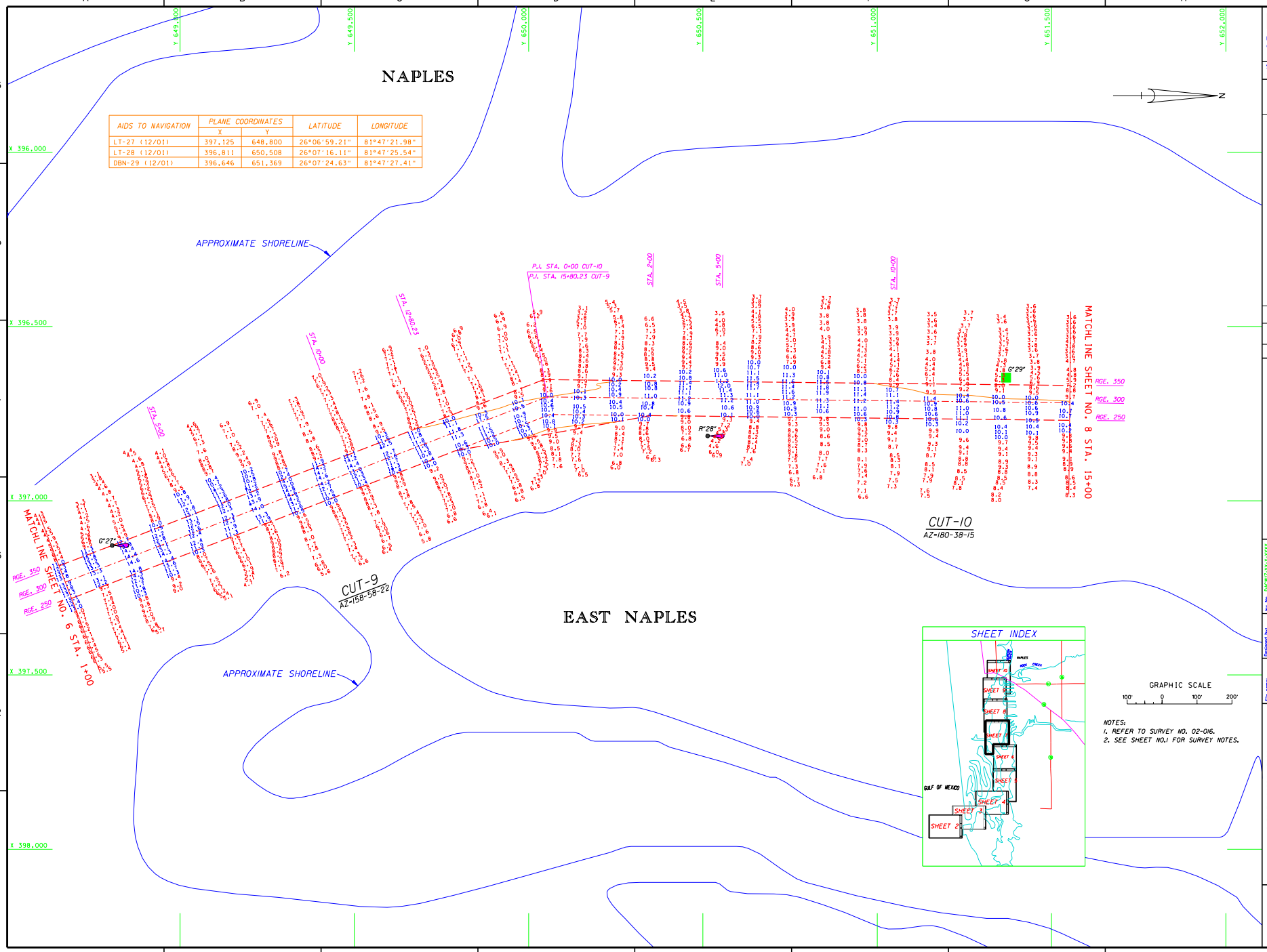


| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| LT-27 (12/01) | 397,125 | 648,800 | 26°06'59.21" | 81°47'21.98" |
| LT-28 (12/01) | 396,811 | 650,508 | 26°07'16.11" | 81°47'25.54" |
| DBN-29 (12/01) | 396,646 | 651,369 | 26°07'24.63" | 81°47'27.41" |

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

Inv. No. DACW17-XX-X-XXXX
Dates: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX-XX-XXXX
Plot scale: 1:1X

Designed by: Drawn by: Checked by: RPM
Date: DEC 2001
D.O. FILE NO.

File name: D016SH07.DGN
Reference files: BASEMAP.DGN, MAPNAP.DGN, COND.DGN, NAPTOPO.DGN, DCREUS.DGN, DCREUS2.DGN, DCREC10.DGN

NAPLES TO GORDON PASS
COLLIER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
STA. 1+00 CUT-9 THRU STA. 15+00 CUT-10
PLAN

DRAWING NO.
7/11

SHEET 7 OF 11

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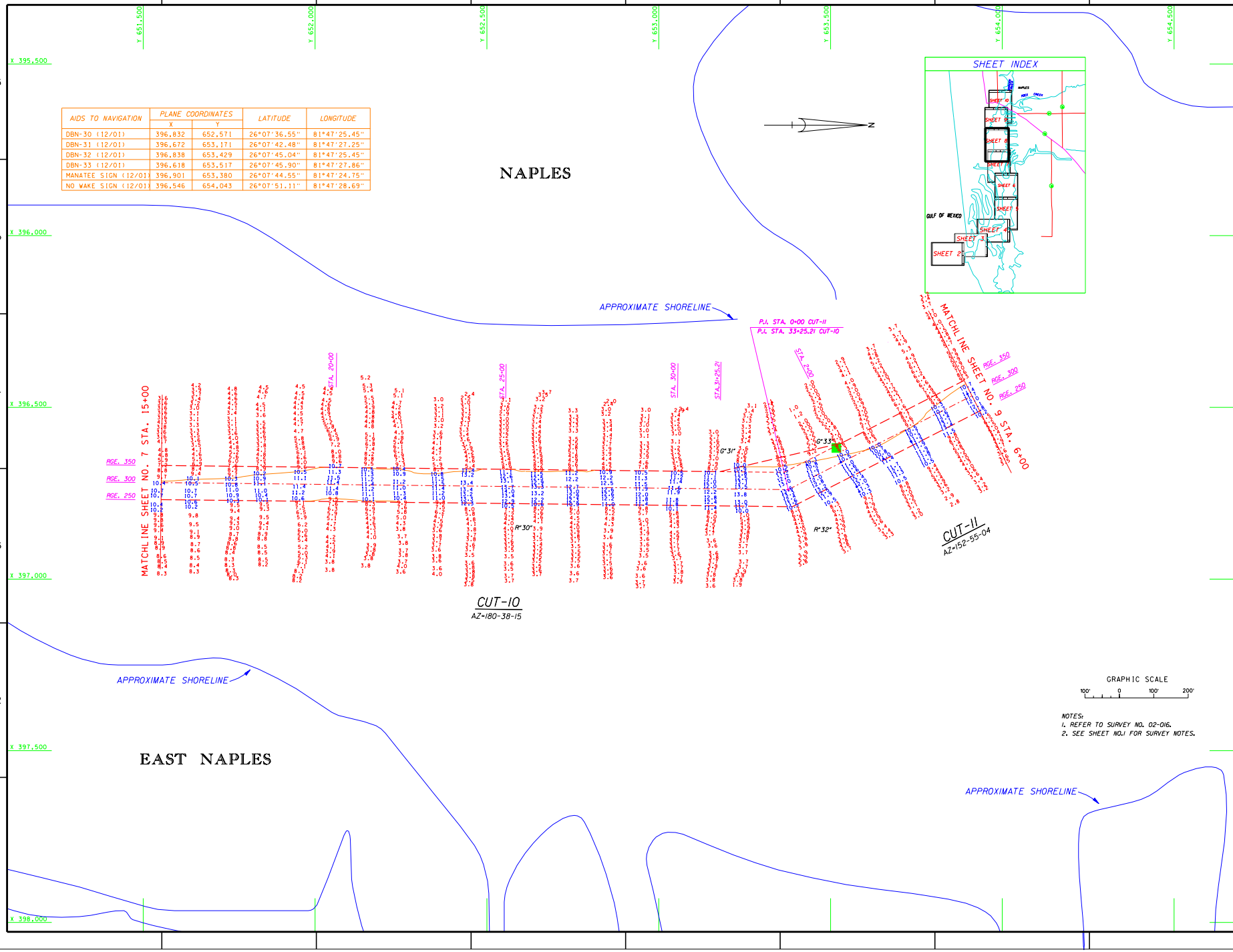
| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| DBN-30 (12/01) | 396,832 | 652,571 | 26°07'36.55" | 81°47'25.45" |
| DBN-31 (12/01) | 396,672 | 653,171 | 26°07'42.48" | 81°47'27.25" |
| DBN-32 (12/01) | 396,838 | 653,429 | 26°07'45.04" | 81°47'25.45" |
| DBN-33 (12/01) | 396,618 | 653,517 | 26°07'45.90" | 81°47'27.86" |
| MANATEE SIGN (12/01) | 396,901 | 653,380 | 26°07'44.55" | 81°47'24.75" |
| NO WAKE SIGN (12/01) | 396,546 | 654,043 | 26°07'51.11" | 81°47'28.69" |




NOTES:
1. REFER TO SURVEY NO. 02-016.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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Jacksonville District

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX:X
Designed by: RWH
Dwn by: RWH
Ckd by: RWH
Dated: DEC 2001
D.O.FILE NO.

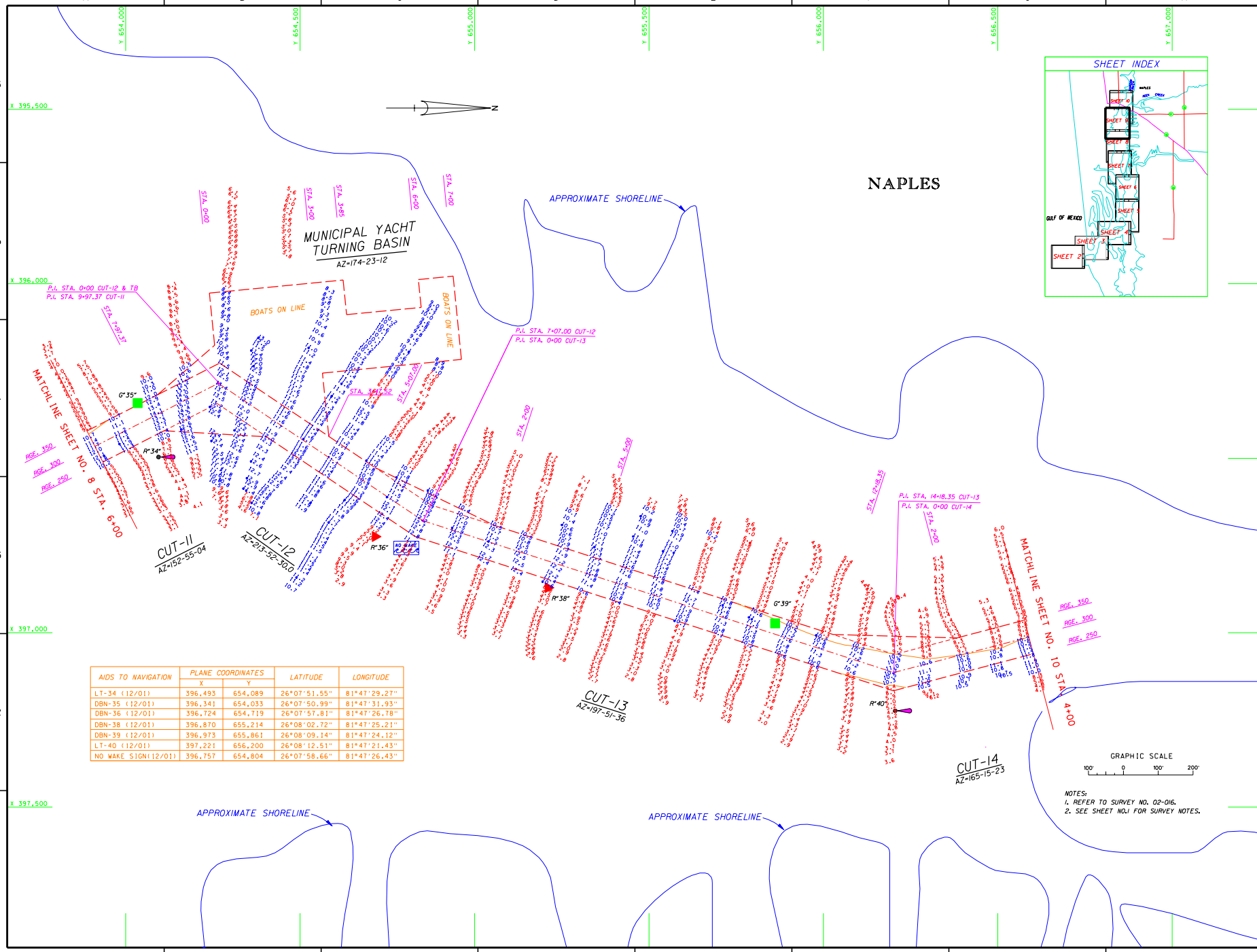
File name: 02DESKAL.DGN
Reference files: BROPHB.DGN
BAYPOL.DGN
CONUS.DGN
NAPTOPO.DGN
ZOBMAN.DGN
ZOBSUR.DGN
ZOBECTL.DGN

NAPLES TO GORDON PASS
COLLER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
STA. 15+00 CUT-10 THRU STA. 6+00 CUT-11
PLAN

DRAWING NO.
8/11

SHEET 8 OF 11

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




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| LT-34 (12/01) | 396,493 | 654,089 | 26°07'51.55" | 81°47'29.27" |
| DBN-35 (12/01) | 396,341 | 654,033 | 26°07'50.99" | 81°47'31.93" |
| DBN-36 (12/01) | 396,724 | 654,719 | 26°07'57.81" | 81°47'26.78" |
| DBN-38 (12/01) | 396,870 | 655,214 | 26°08'02.72" | 81°47'25.21" |
| DBN-39 (12/01) | 396,973 | 655,861 | 26°08'09.14" | 81°47'24.12" |
| LT-40 (12/01) | 397,221 | 656,200 | 26°08'12.51" | 81°47'21.43" |
| NO WAKE SIGN(12/01) | 396,757 | 654,804 | 26°07'58.66" | 81°47'26.43" |

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

Dwg No. DUPW77-X-X.XXX
Sheet XX of XX
Scale: AS SHOWN
Plot date: XX-XX-XXXX
Plot scale: XX:X

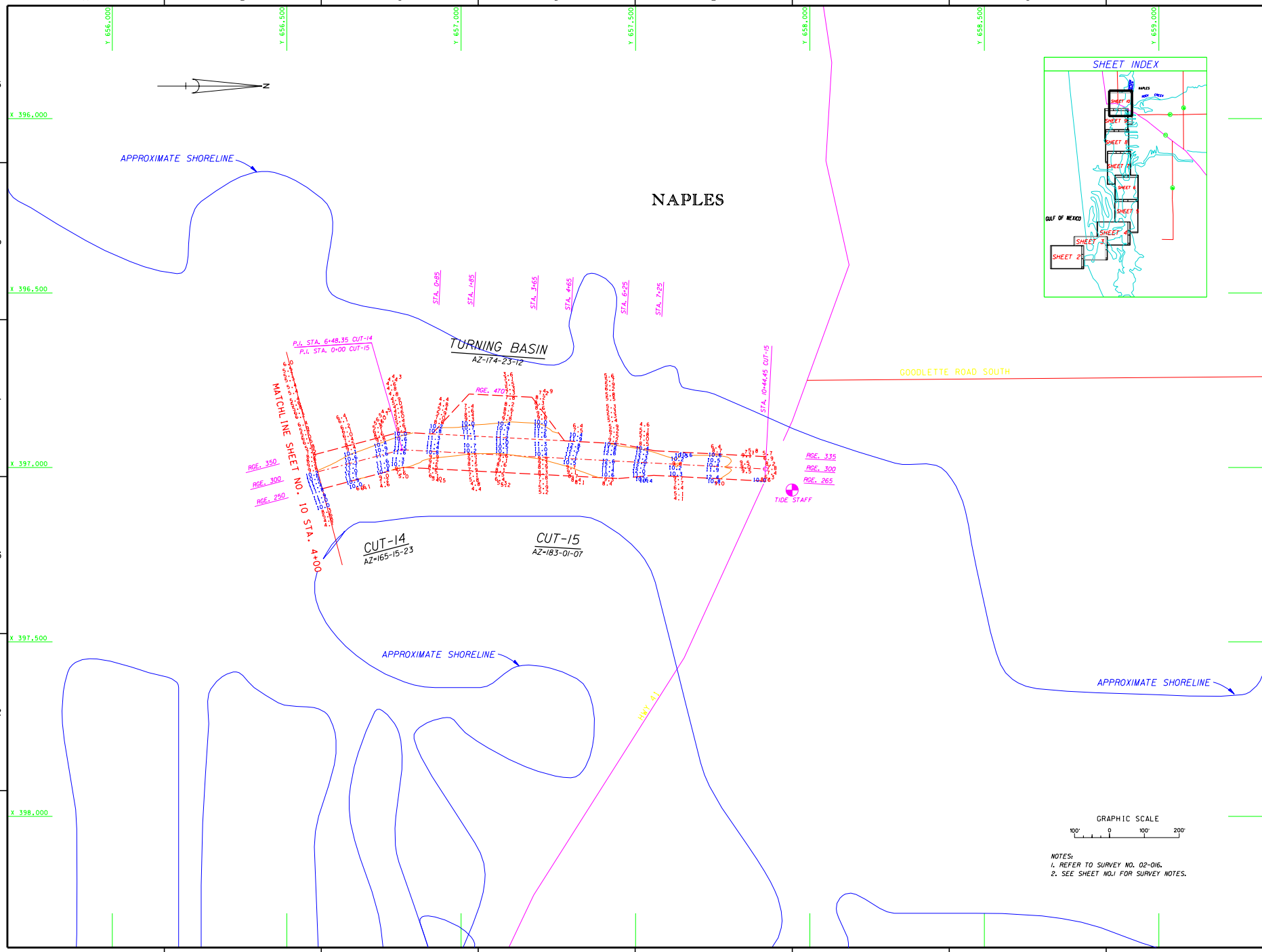
Designed by: CWO
Dwn by: CWO
Ckd by: JRYB
Date: DEC 2001
O.O.F. FILE NO.

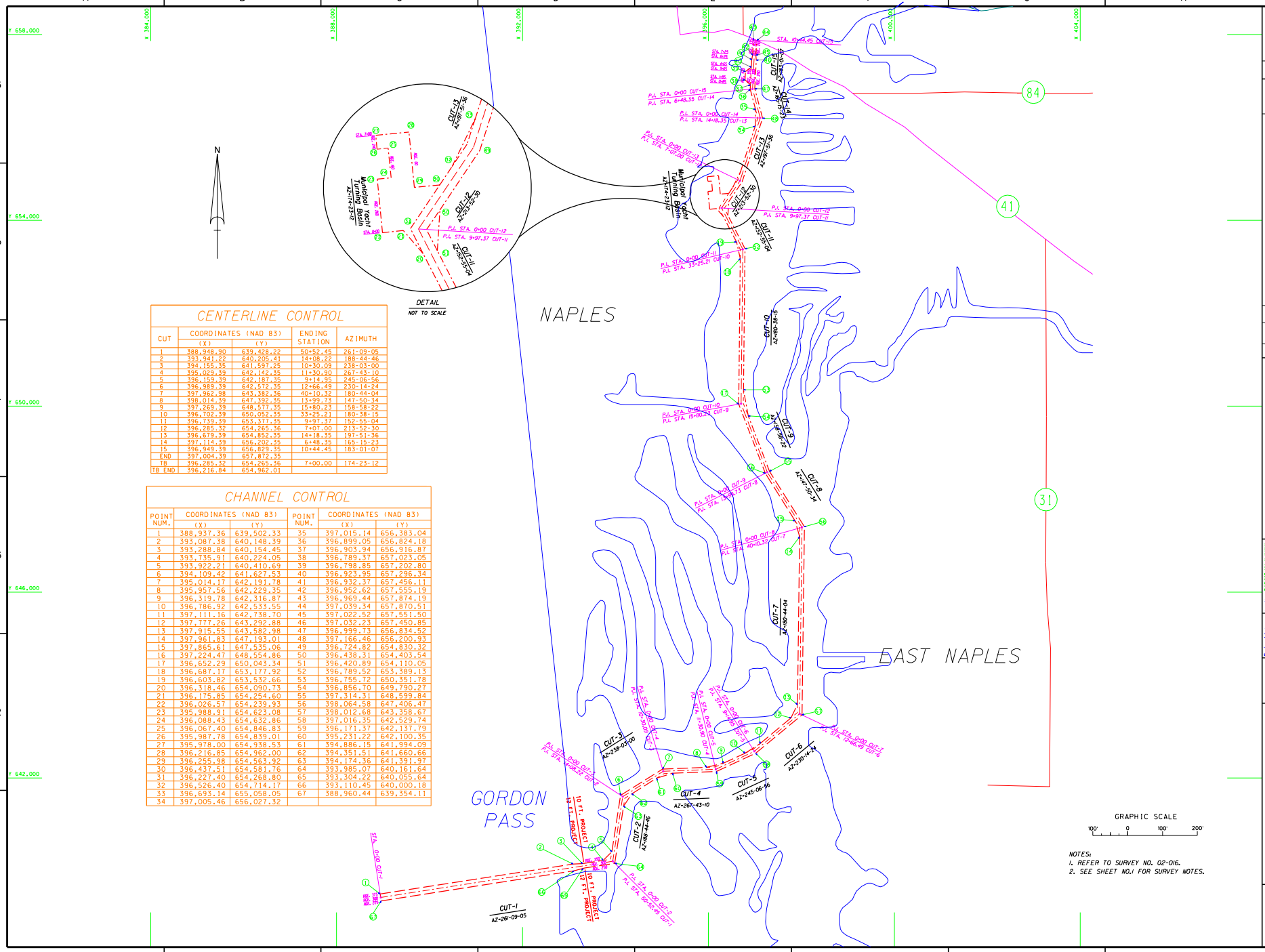
File name: 02016SD1.DGN
Reference files: 02016SB.DGN
02016TL.DGN
02016TB.DGN
02016TB.DGN
02016AV.DGN
02016CT.DGN
02016CT.DGN
02016CT.DGN
02016CT.DGN

NAPLES TO GORDON PASS
COLLIER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
STA. 6+00 CUT-11 THRU STA. 4+00 CUT-14
PLAN

DRAWING NO.
9/11

SHEET 9 OF 11


NAPLES
APPROXIMATE SHORELINE
TURNING BASIN
AZ-174-23-12
P.I. STA. 6+48.35 CUT-14
P.I. STA. 0+00 CUT-15
MATCHLINE SHEET NO. 10 STA. 4+00
CUT-14
AZ=165-15-23
CUT-15
AZ=183-01-07
STA. 0+85
STA. 1+85
STA. 3+65
STA. 4+65
STA. 6+25
STA. 7+25
STA. 10+44.45 CUT-15
RGE. 350
RGE. 300
RGE. 250
RGE. 470
RGE. 335
RGE. 300
RGE. 265
TIDE STAFF
GOODLETTE ROAD SOUTH
HWY 41
SHEET INDEX
GULF OF MEXICO
GRAPHIC SCALE
100' 0 100' 200'
NOTES:
1. REFER TO SURVEY NO. 02-016.
2. SEE SHEET NO.1 FOR SURVEY 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
NAPLES TO GORDON PASS
COLLIER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
STA. 10+00 CUT-14 THRU STA. 10+45 CUT-15
PLAN
DRAWING NO.
10/11
SHEET 10 OF 11
D.O.F.FILE NO.
Dated: DEC 2001




## CENTERLINE CONTROL

| CUT | COORDINATES (NAD 83) (X) | (Y) | ENDING STATION | AZIMUTH |
|---|---|---|---|---|
| 1 | 388,948.90 | 639,428.22 | 50+52.45 | 261-09-05 |
| 2 | 393,941.22 | 640,205.41 | 14+08.22 | 188-44-46 |
| 3 | 394,155.35 | 641,597.25 | 10+30.09 | 238-03-00 |
| 4 | 395,029.39 | 642,142.35 | 11+30.90 | 267-43-10 |
| 5 | 396,159.39 | 642,187.35 | 9+14.95 | 245-06-56 |
| 6 | 396,989.39 | 642,572.35 | 12+66.49 | 230-14-24 |
| 7 | 397,962.98 | 643,382.36 | 40+10.32 | 180-44-04 |
| 8 | 398,014.39 | 647,392.35 | 13+99.73 | 147-50-34 |
| 9 | 397,269.39 | 648,577.35 | 15+80.23 | 158-58-22 |
| 10 | 396,702.39 | 650,052.35 | 33+25.21 | 180-38-15 |
| 11 | 396,739.39 | 653,377.35 | 9+97.37 | 152-55-04 |
| 12 | 396,285.32 | 654,265.36 | 7+07.00 | 213-52-30 |
| 13 | 396,679.39 | 654,852.35 | 14+18.35 | 197-51-36 |
| 14 | 397,114.39 | 656,202.35 | 6+48.35 | 165-15-23 |
| 15 | 396,949.39 | 656,829.35 | 10+44.45 | 183-01-07 |
| END | 397,004.39 | 657,872.35 | | |
| TB | 396,285.32 | 654,265.36 | 7+00.00 | 174-23-12 |
| TB END | 396,216.84 | 654,962.01 | | |

## CHANNEL CONTROL

| POINT NUM. | COORDINATES (NAD 83) (X) | (Y) | POINT NUM. | COORDINATES (NAD 83) (X) | (Y) |
|---|---|---|---|---|---|
| 1 | 388,937.36 | 639,502.33 | 35 | 397,015.14 | 656,383.04 |
| 2 | 393,087.38 | 640,148.39 | 36 | 396,899.05 | 656,824.18 |
| 3 | 393,288.84 | 640,154.45 | 37 | 396,903.94 | 656,916.87 |
| 4 | 393,135.91 | 640,224.05 | 38 | 396,789.37 | 657,023.05 |
| 5 | 393,922.21 | 640,410.69 | 39 | 396,798.85 | 657,202.80 |
| 6 | 394,109.42 | 641,627.53 | 40 | 396,923.95 | 657,296.34 |
| 7 | 395,014.17 | 642,191.78 | 41 | 396,932.37 | 657,456.11 |
| 8 | 395,957.56 | 642,229.35 | 42 | 396,952.62 | 657,555.19 |
| 9 | 396,319.78 | 642,316.87 | 43 | 396,969.44 | 657,874.19 |
| 10 | 396,786.92 | 642,533.55 | 44 | 397,039.34 | 657,870.51 |
| 11 | 397,111.16 | 642,738.70 | 45 | 397,022.52 | 657,551.50 |
| 12 | 397,777.26 | 643,292.88 | 46 | 397,032.23 | 657,450.85 |
| 13 | 397,915.55 | 643,582.98 | 47 | 396,999.73 | 656,834.52 |
| 14 | 397,961.83 | 647,193.01 | 48 | 397,166.46 | 656,200.93 |
| 15 | 397,865.61 | 647,535.06 | 49 | 396,724.82 | 654,830.32 |
| 16 | 397,224.47 | 648,554.86 | 50 | 396,438.31 | 654,403.54 |
| 17 | 396,652.29 | 650,043.34 | 51 | 396,420.89 | 654,110.05 |
| 18 | 396,687.17 | 653,177.92 | 52 | 396,789.52 | 653,389.13 |
| 19 | 396,603.82 | 653,532.66 | 53 | 396,755.72 | 650,351.78 |
| 20 | 396,318.46 | 654,090.73 | 54 | 396,856.70 | 649,790.27 |
| 21 | 396,175.85 | 654,254.60 | 55 | 397,314.31 | 648,599.84 |
| 22 | 396,026.57 | 654,239.93 | 56 | 398,064.58 | 647,406.47 |
| 23 | 395,988.91 | 654,623.08 | 57 | 398,012.68 | 643,358.67 |
| 24 | 396,088.43 | 654,632.86 | 58 | 397,016.35 | 642,529.74 |
| 25 | 396,067.40 | 654,846.83 | 59 | 396,171.37 | 642,137.79 |
| 26 | 395,987.78 | 654,839.01 | 60 | 395,231.22 | 642,100.35 |
| 27 | 395,978.00 | 654,938.53 | 61 | 394,886.15 | 641,994.09 |
| 28 | 396,216.85 | 654,962.00 | 62 | 394,351.51 | 641,660.66 |
| 29 | 396,255.98 | 654,563.92 | 63 | 394,174.36 | 641,391.97 |
| 30 | 396,437.51 | 654,581.76 | 64 | 393,985.07 | 640,161.64 |
| 31 | 396,227.40 | 654,268.80 | 65 | 393,304.22 | 640,055.64 |
| 32 | 396,526.40 | 654,714.17 | 66 | 393,110.45 | 640,000.18 |
| 33 | 396,693.14 | 655,058.05 | 67 | 388,960.44 | 639,354.11 |
| 34 | 397,005.46 | 656,027.32 | | | |

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

Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: X:X:X

Designed by: Dwn by: Chkd by: Rvwr: Apvd by:

Dated: DEC 2001
D.O.FILE NO.

File name: 12UGSHT1.DGN
Reference files: BRCP000.DGN
NAPTOP1.DGN

NAPLES TO GORDON PASS
COLLIER COUNTY, FLORIDA
PROJECT CONDITION SURVEY
10 & 12-FOOT PROJECT
CONTROL SHEET
PLAN

DRAWING NO.
11 / 11

SHEET 11 OF 11

...\d016sh11.dgn 12/20/01 09:32:34 AM