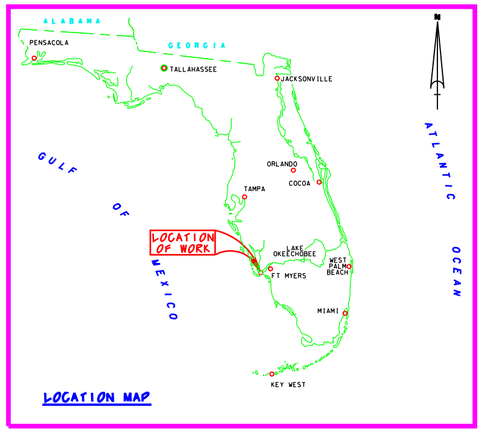
# FORT MYERS BEACH HARBOR
# LEE COUNTY, FLORIDA
# PROJECT CONDITION SURVEY

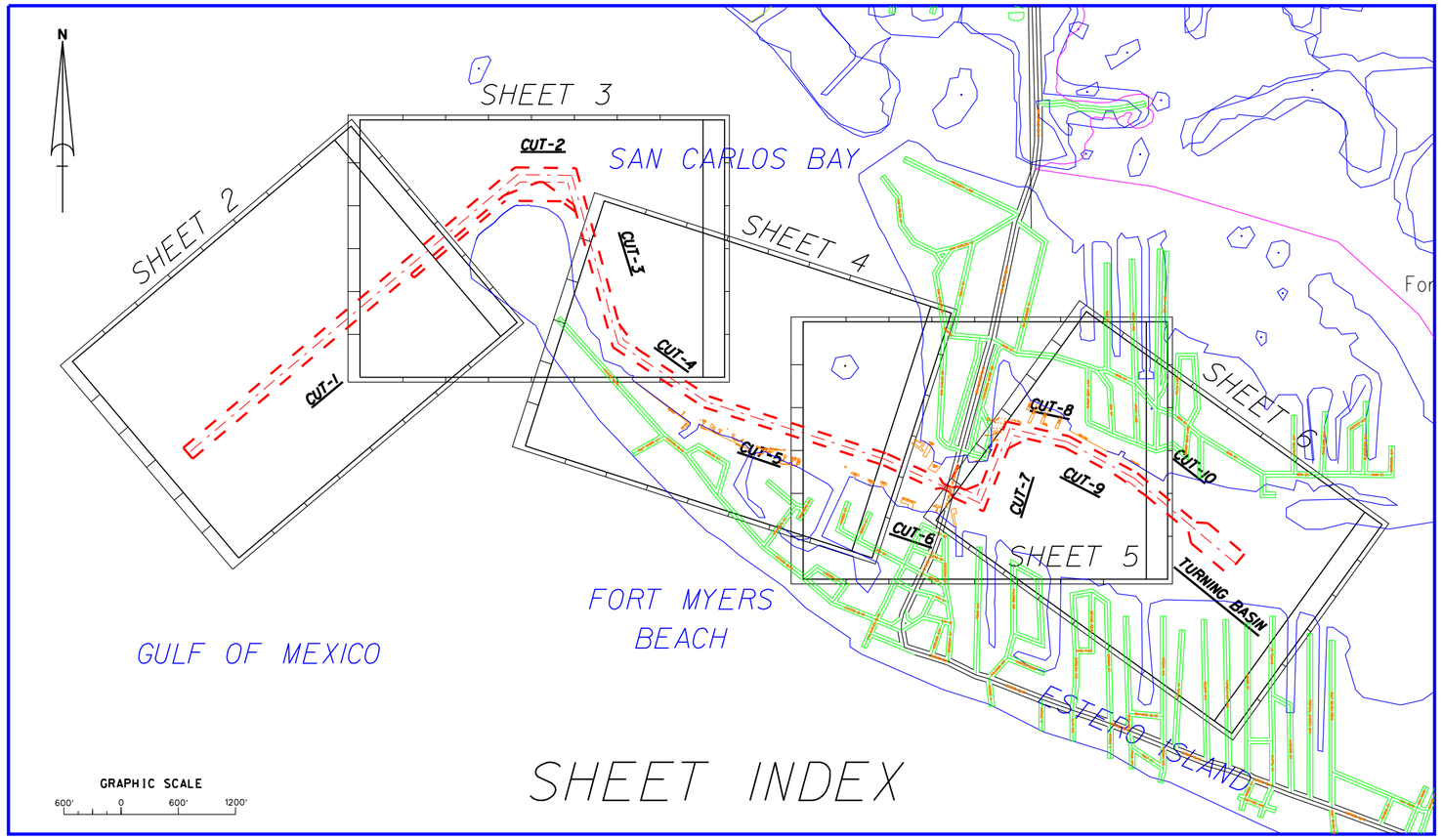



SURVEY NOTES:

1. REFER TO SURVEY NO. 08-044.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 1.04 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET ON MEASURE DOWN POINT AT THE FT. MYERS CG STATION IN THE VICINITY OF, AND REFERENCED FROM, BENCHMARK "FMCG-1".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA (902) AND REFERENCED TO THE 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 DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

| VESSEL | DATE OF SURVEY | CUT |
|---|---|---|
| WB-34 | 29-30 JAN 2008 | 1-10 & TURNING BASIN |

9. AIDS TO NAVIGATION WERE LOCATED DURING 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. THIS CHART IS SOLELY FOR THE DISTRIBUTION OF AVAILABLE DEPTHS AT THE TIME OF THE SURVEY AND IS NOT TO BE USED FOR NAVIGATION
11. SURVEY ACCURACY PERFORMANCE STANDARDS, QUALITY CONTROL, AND QUALITY ASSURANCE REQUIREMENTS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH USACE EM 1110-2-1003, HYDROGRAPHIC SURVEYING 1 JAN 02.




SHEET INDEX

| BENCHMARK | NGVD ELEV. (FT) |
|---|---|
| FMCG-1 | 6.00 |

LEGEND

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

NGVD 1929
1.04 feet
M.L.L.W.

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

Sol. No. DACW17-01-D-0027
Dated: 09 AUGUST 2002
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XX:X

Designed by:
Dwn by: WRM
Ckd by: WRM

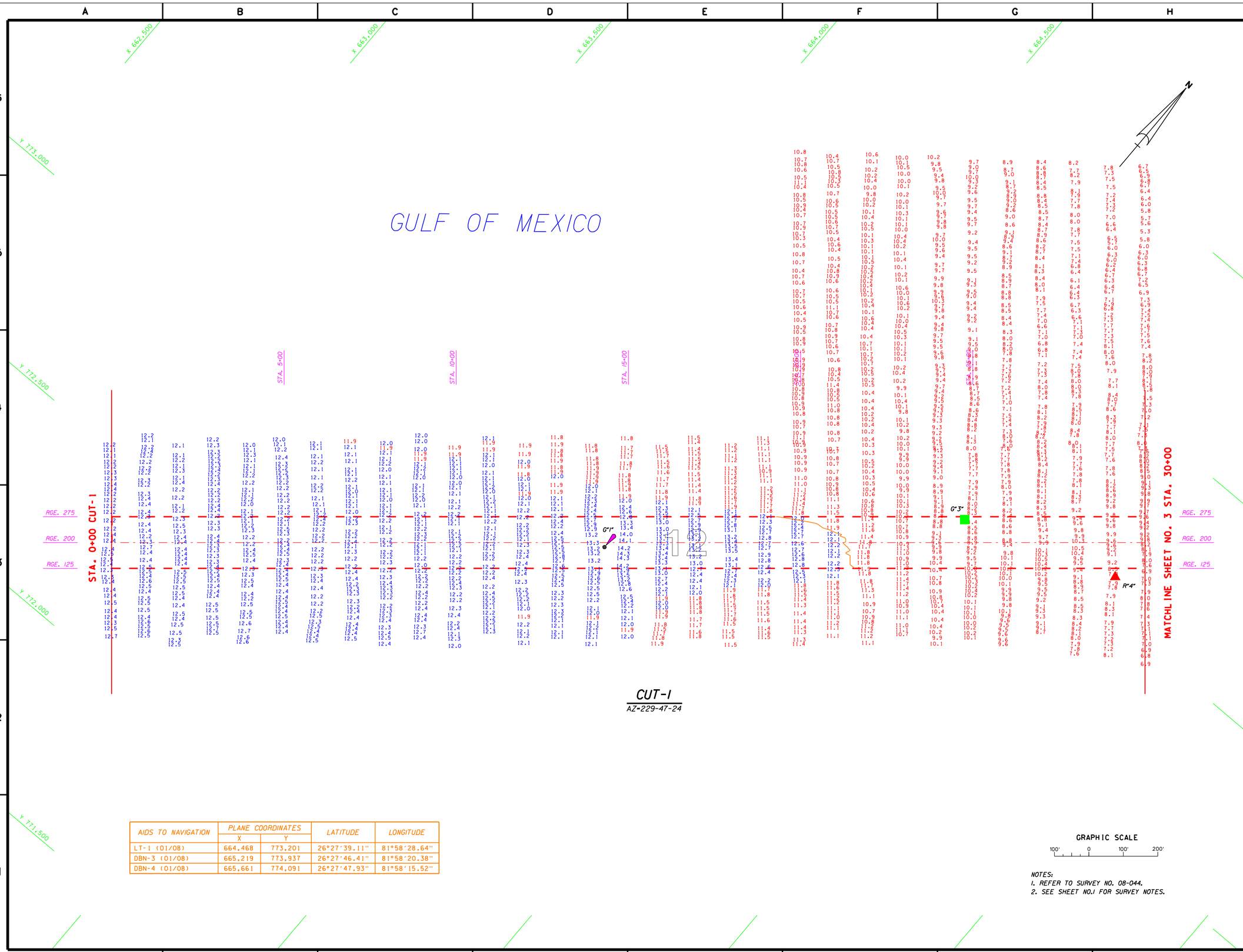
File name: 08-044SH01.DGN
Reference files: BRDR98.DGN NEWFLMAP.DGN FTMYCH83.DGN FTMYINDEX.DGN FTMYRPLN83.DGN

Dated: JAN 2008
D.O. FILE NO.

FORT MYERS BEACH HARBOR, FLORIDA
PROJECT CONDITION SURVEY
11 & 12-FOOT PROJECT
COVER, INDEX AND LOCATION PLAN

DRAWING NO.
1/6

SHEET 1 OF 6




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| LT-1 (01/08) | 664,468 | 773,201 | 26°27'39.11" | 81°58'28.64" |
| DBN-3 (01/08) | 665,219 | 773,937 | 26°27'46.41" | 81°58'20.38" |
| DBN-4 (01/08) | 665,661 | 774,091 | 26°27'47.93" | 81°58'15.52" |

NOTES:
1. REFER TO SURVEY NO. 08-044.
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

Sol. No. DACW17-01-D-0027
Dated: 05 AUGUST 2002
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by: RWH
Dwn by: WRM
Ckd by: WRM

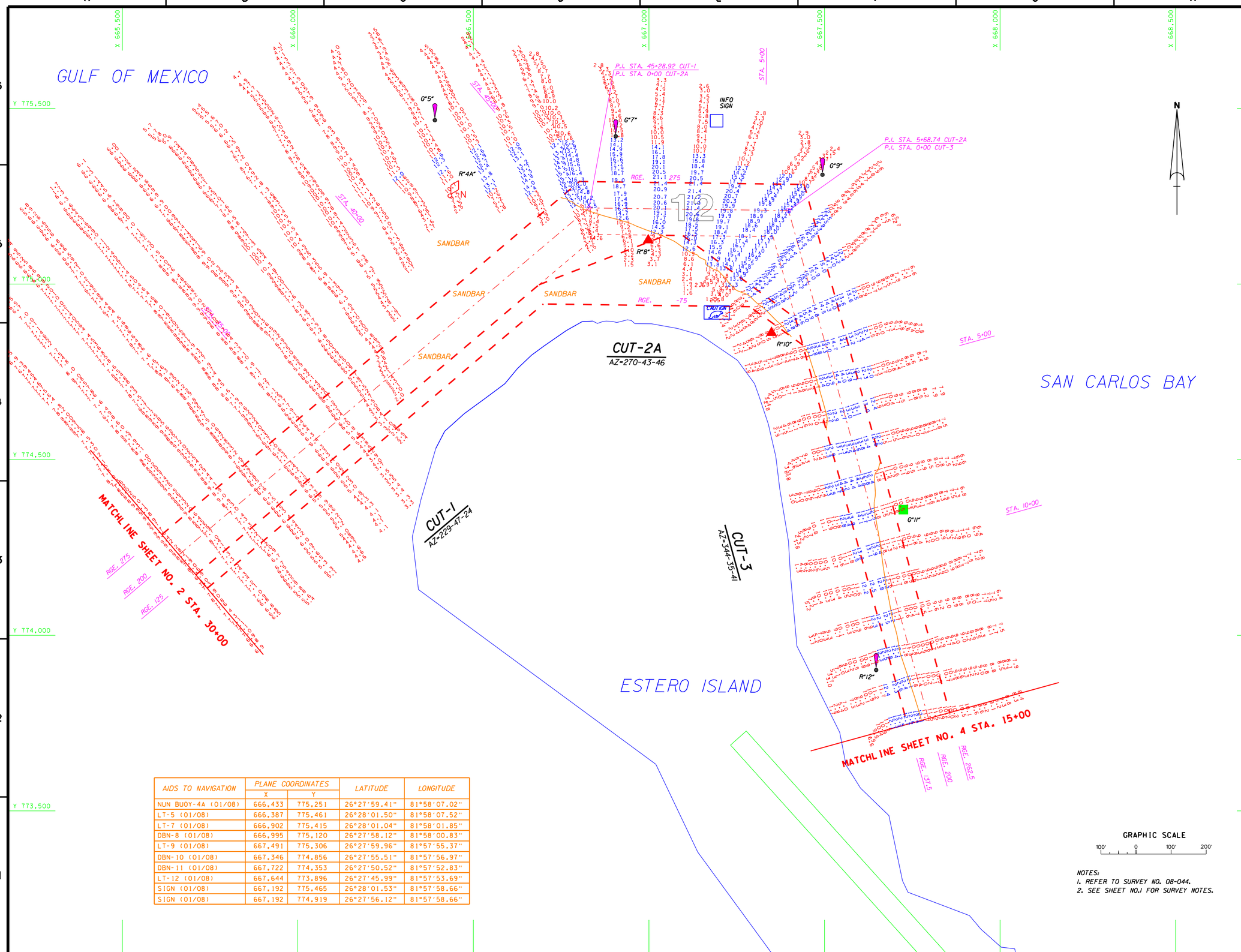
Dated: JAN 2008
D.O.FILE NO.

File name: 08-044SH02.DGN
Reference files: BRDR98.DGN 08-044CT1.DGN FTMYCHB3.DGN 08-044NAV.DGN 08-044CT1_LL.DGN CONT2.DGN

FORT MYERS BEACH HARBOR, FLORIDA
PROJECT CONDITION SURVEY
11 & 12-FOOT PROJECT
STA. 0+00 THRU STA. 30+00 CUT-1
PLAN

DRAWING NO.
2/6

SHEET 2 OF 6




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| NUN BUOY-4A (01/08) | 666,433 | 775,251 | 26°27'59.41" | 81°58'07.02" |
| LT-5 (01/08) | 666,387 | 775,461 | 26°28'01.50" | 81°58'07.52" |
| LT-7 (01/08) | 666,902 | 775,415 | 26°28'01.04" | 81°58'01.85" |
| DBN-8 (01/08) | 666,995 | 775,120 | 26°27'58.12" | 81°58'00.83" |
| LT-9 (01/08) | 667,491 | 775,306 | 26°27'59.96" | 81°57'55.37" |
| DBN-10 (01/08) | 667,346 | 774,856 | 26°27'55.51" | 81°57'56.97" |
| DBN-11 (01/08) | 667,722 | 774,353 | 26°27'50.52" | 81°57'52.83" |
| LT-12 (01/08) | 667,644 | 773,896 | 26°27'45.99" | 81°57'53.69" |
| SIGN (01/08) | 667,192 | 775,465 | 26°28'01.53" | 81°57'58.66" |
| SIGN (01/08) | 667,192 | 774,919 | 26°27'56.12" | 81°57'58.66" |

NOTES:
1. REFER TO SURVEY NO. 08-044.
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

Sol. No. DACW17-01-D-0027
Dated: 05 AUGUST 2002
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by: RWH
Dwn by: WRM
Ckd by: WRM

Dated: JAN 2008
D.O. FILE NO.

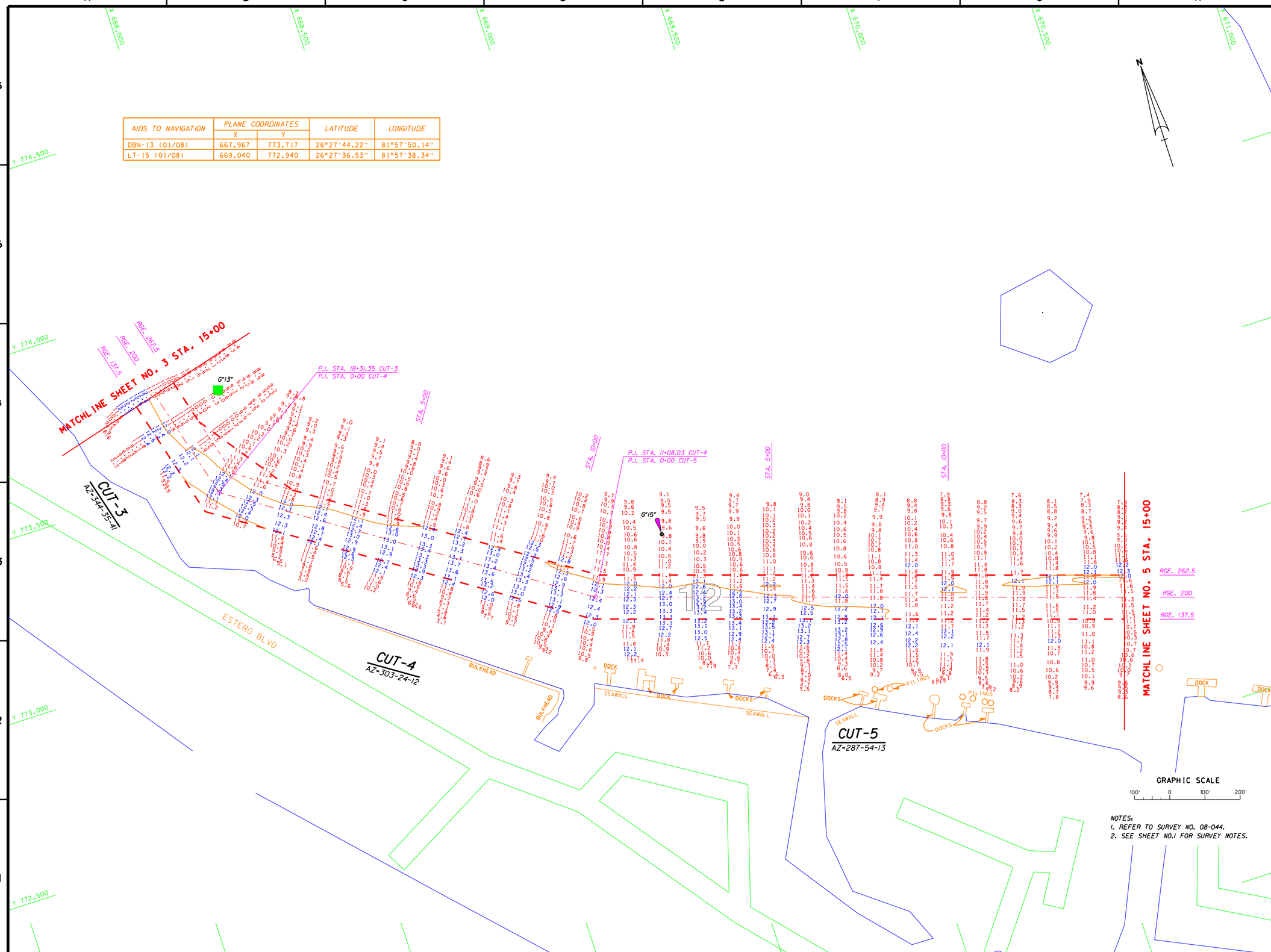
File name: 08-044SHO3.DGN
Reference files: BRDR98.DGN FTMYRPLN83.DGN FTMYCH83.DGN 08-044CT1.DGN 08-044CT2A.DGN 08-044CT3.DGN 08-044CT4.DGN 08-044CT5.DGN 08-044CT6.DGN 08-044NAV.DGN DBN92.DGN

FORT MYERS BEACH HARBOR, FLORIDA
PROJECT CONDITION SURVEY
11 & 12-FOOT PROJECT
STA. 30+00 CUT-1 THRU STA. 15+00 CUT-3
PLAN

DRAWING NO.
3/6

SHEET 3 OF 6

| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| DBN-13 (01/08) | 667,967 | 773,717 | 26°27'44.22" | 81°57'50.14" |
| LT-15 (01/08) | 669,040 | 772,940 | 26°27'36.53" | 81°57'38.34" |




NOTES:
1. REFER TO SURVEY NO. 08-044.
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

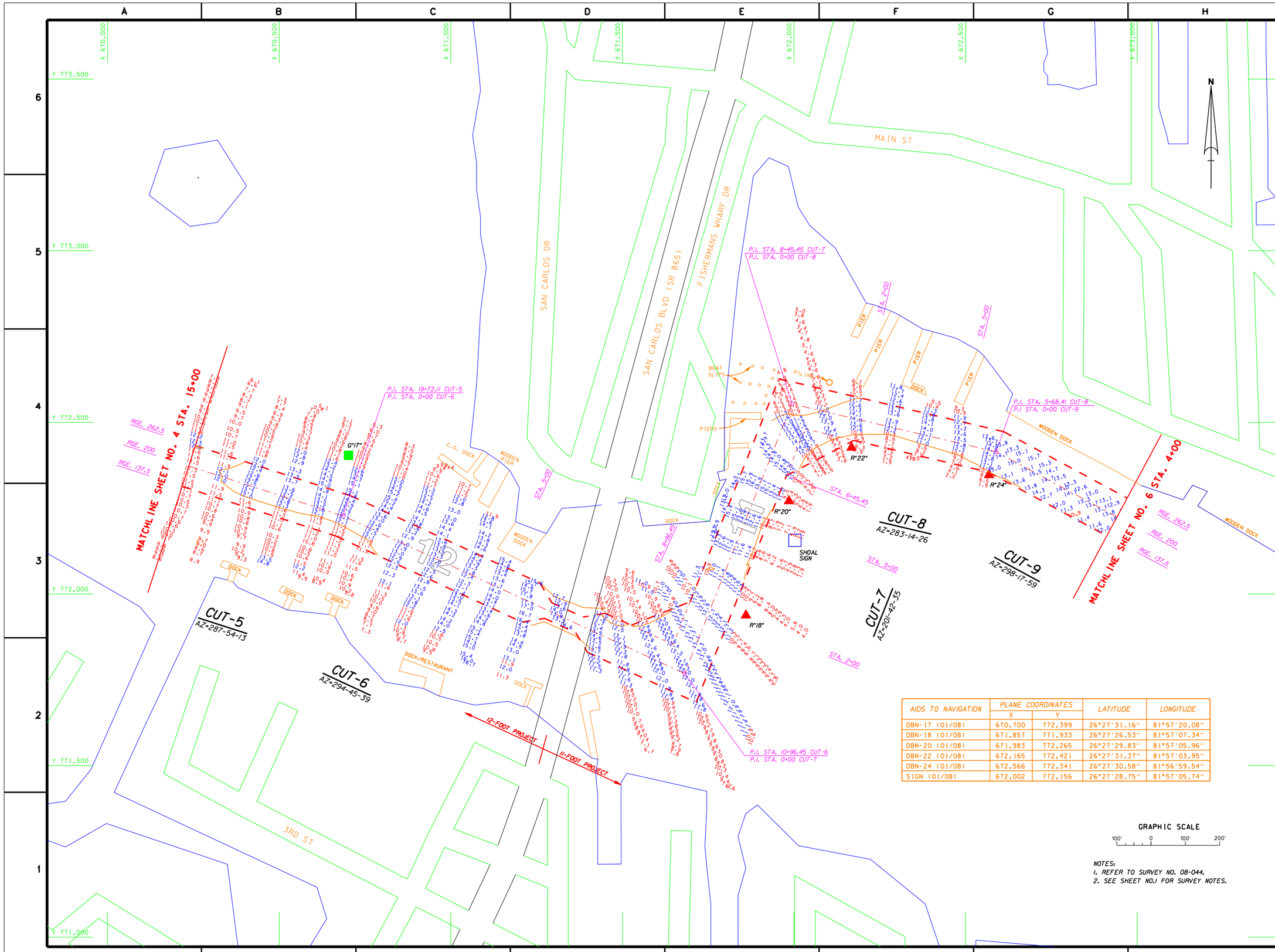
Sol. No. DACW17-01-0-0027
Dated: 05 AUGUST 2002
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X
Designed by: RWH
Dwn by: RWH
Ckd by: RWH
Dated: JAN 2008
D.O. FILE NO.

File name: 08-044SH04.DGN
Reference files: B8D058.DGN, FTMYGR8.DGN, 08-044C13.DGN, 08-044C14.DGN, 08-044C15.DGN, 08-044C16.DGN, 08-044C17.DGN, 08-044C18.DGN, 08-044C19.DGN, 08-044MAP.DGN, CONTEXT.DGN

FORT MYERS BEACH HARBOR, FLORIDA
PROJECT CONDITION SURVEY
11 & 12-FOOT PROJECT
STA. 15+00 CUT-3 THRU STA. 15+00 CUT-5
PLAN

DRAWING NO.
4/6

SHEET 4 OF 6




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| DBN-17 (01/08) | 670,700 | 772,399 | 26°27'31.16" | 81°57'20.08" |
| DBN-18 (01/08) | 671,857 | 771,933 | 26°27'26.53" | 81°57'07.34" |
| DBN-20 (01/08) | 671,983 | 772,265 | 26°27'29.83" | 81°57'05.96" |
| DBN-22 (01/08) | 672,165 | 772,421 | 26°27'31.37" | 81°57'03.95" |
| DBN-24 (01/08) | 672,566 | 772,341 | 26°27'30.58" | 81°56'59.54" |
| SIGN (01/08) | 672,002 | 772,156 | 26°27'28.75" | 81°57'05.74" |

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-044.
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

Sol. No. DACW17-01-D-0027
Dated: 05 AUGUST 2002
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX.X

Designed by: WRM
Dwn by: WRM
Ckd by: WRM

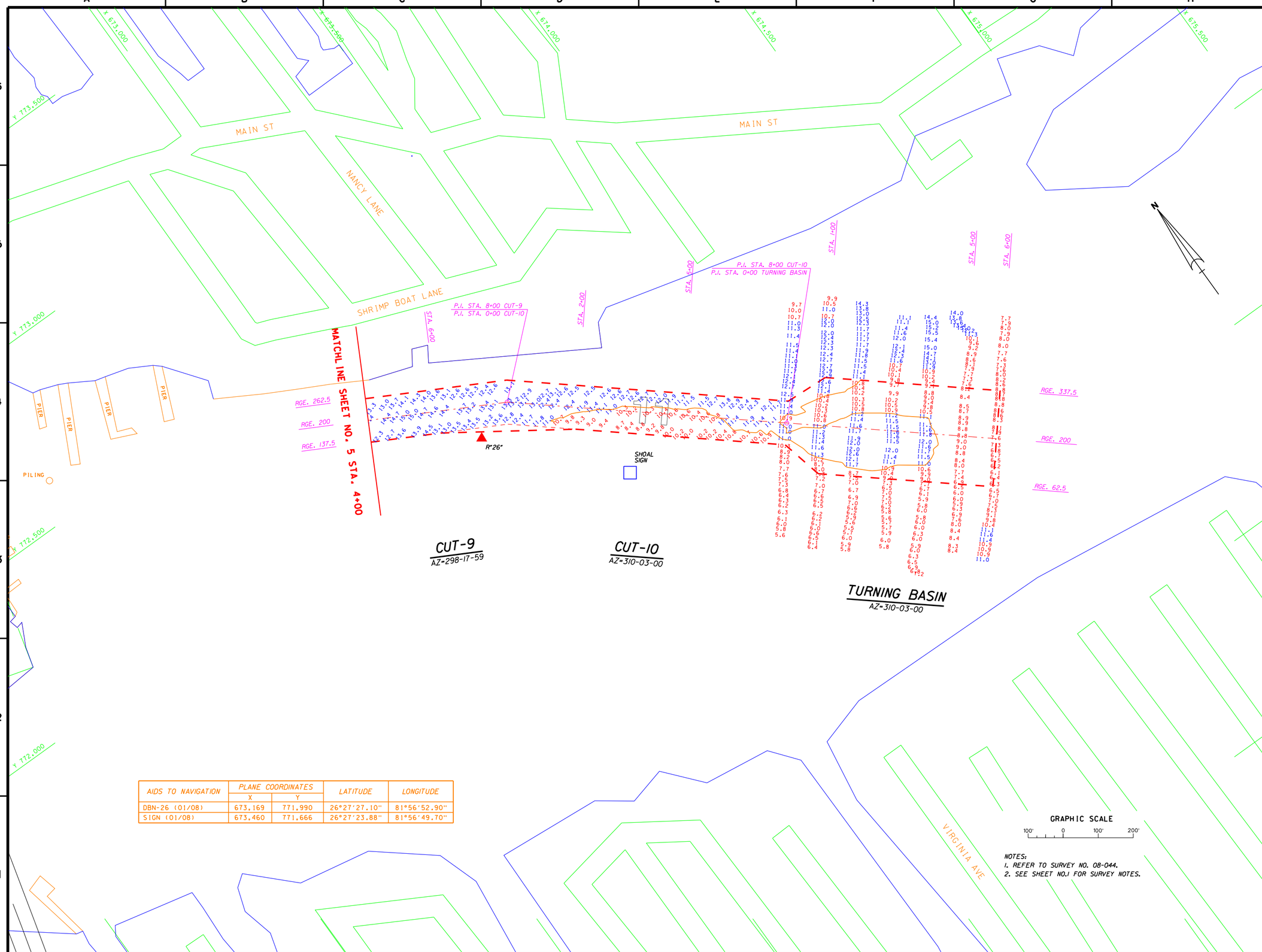
Dated: JAN 2008
D.O.F.ILE NO.

File name: 08-044SH05.DGN
References files: 08044SH01.DGN 08044SH02.DGN 08044SH03.DGN 08044SH04.DGN 08044SH05.DGN 08044SH06.DGN 08044SH07.DGN 08044SH08.DGN 08044SH09.DGN 08044SH10.DGN 08044SH11.DGN 08044SH12.DGN 08044SH13.DGN 08044SH14.DGN 08044SH15.DGN 08044SH16.DGN 08044SH17.DGN 08044SH18.DGN 08044SH19.DGN 08044SH20.DGN 08044SH21.DGN 08044SH22.DGN 08044SH23.DGN 08044SH24.DGN 08044SH25.DGN 08044SH26.DGN 08044SH27.DGN 08044SH28.DGN 08044SH29.DGN 08044SH30.DGN

FORT MYERS BEACH HARBOR, FLORIDA
PROJECT CONDITION SURVEY
11 & 12-FOOT PROJECT
STA. 15+00 CUT-5 THRU STA. 4+00 CUT-9
PLAN

DRAWING NO.
5/6

SHEET 5 OF 6




| AIDS TO NAVIGATION | PLANE COORDINATES | | LATITUDE | LONGITUDE |
|---|---|---|---|---|
| | X | Y | | |
| DBN-26 (01/08) | 673,169 | 771,990 | 26°27'27.10" | 81°56'52.90" |
| SIGN (01/08) | 673,460 | 771,666 | 26°27'23.88" | 81°56'49.70" |

NOTES:
1. REFER TO SURVEY NO. 08-044.
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

Sol. No. DACW17-01-D-0027
Dated: 05 AUGUST 2002
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by: WRU
Dwn by: WRU
Ckd by: WRU

Dated JAN 2008
D.O. FILE NO.

File name: 08-044SH06.DGN
Reference files: BRDRSB.DGN
FTMYRFL163.DGN
FTMYCH63.DGN
08-044TB-L.DGN
08-044TB-S.DGN
08-044CTG-L.DGN
08-044CTG-S.DGN
08-044AUX.DGN
CONTOUR.DGN

FORT MYERS BEACH HARBOR, FLORIDA
PROJECT CONDITION SURVEY
11 & 12-FOOT PROJECT
STA. 4+00 CUT-9 THRU TURNING BASIN
PLAN

DRAWING NO.
6/6

SHEET 6 OF 6