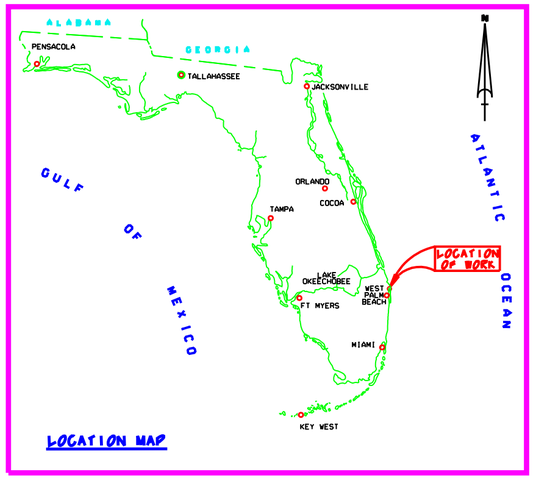
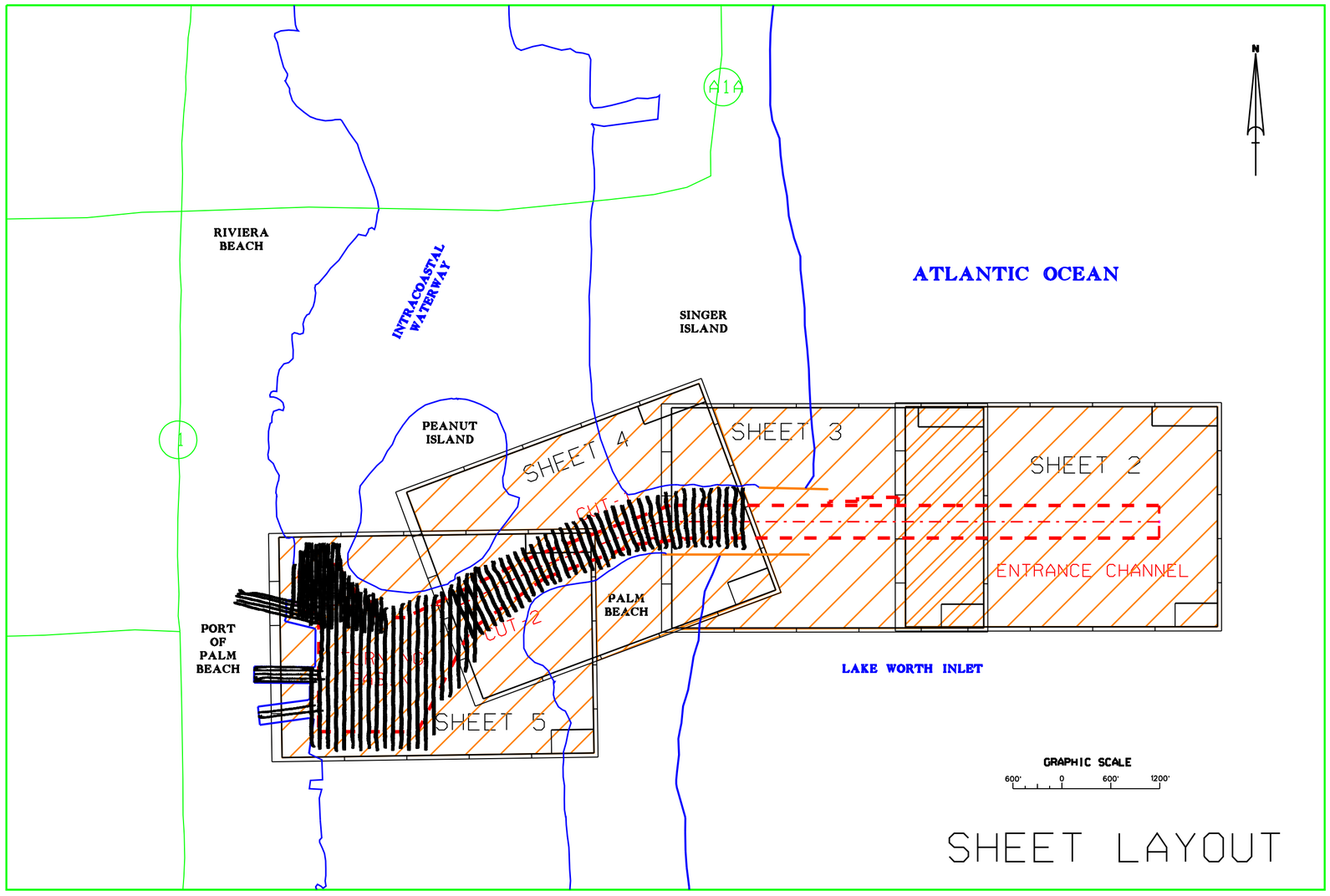
PALM BEACH HARBOR, FLORIDA
COMPILATION SURVEY



LOCATION MAP



SHEET LAYOUT

SURVEY NOTES:

1. REFER TO SURVEY NO. 07-064.
2. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 1.31 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 A WOODEN PILING IN THE VICINITY OF, AND REFERENCED FROM BENCHMARK "A310".
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 DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

VESSEL	DATE OF SURVEY	CUT
WB-34	24 APR 2007	E.C., CUT-1, CUT-2, TURNING BASIN
WB-34	05 JUN 2007	ENTRANCE CHANNEL

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.

BENCHMARK	NGVD ELEV. (FT)
A-310	4.75

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
1.31 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

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

Designed by: MSG
Dwn by: JMW
Ckd by: EMW

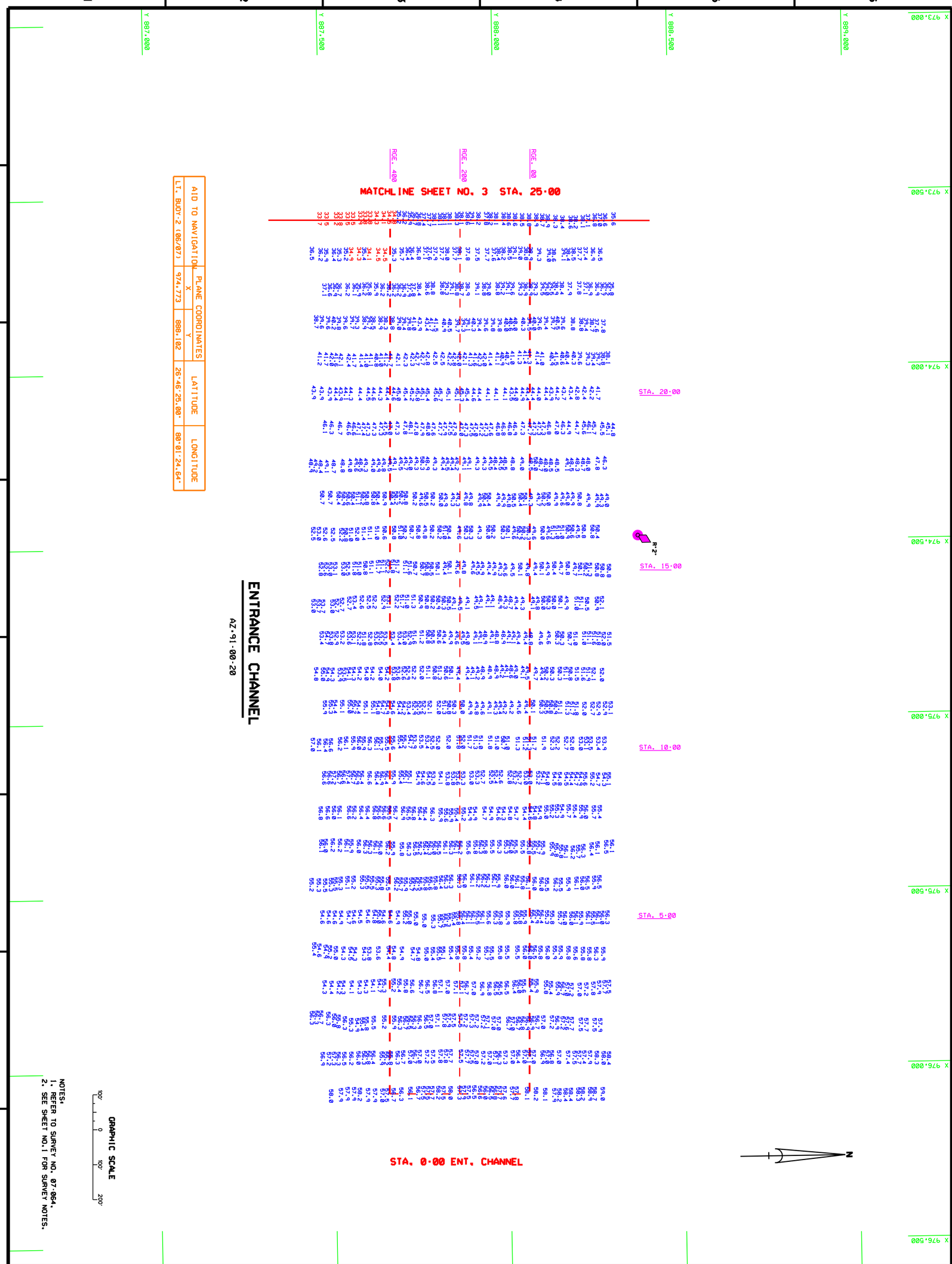
Dated: JUN 2007
D.O. FILE NO.

File name: 07-064SHOLDGN
Reference files: BGDRS8LDGN
TEMPLATE.DGN
SEMTAP.DGN

PALM BEACH HARBOR, FLORIDA
AFTER-DREDGE SURVEY
33 & 35-FOOT PROJECT
ENTERANCE CHANNEL THRU TURNING BASIN
PLAN

DRAWING NO.
1/5

SHEET 1 OF 5



NOTES:
1. REFER TO SURVEY NO. 07-064.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

DRAWING NO. 2/5

SHEET 2 OF 5

PALM BEACH HARBOR, FLORIDA

AFTER-DREDGE SURVEY
35-FOOT PROJECT

STA. 0+00 THRU STA. 25+00 ENTRANCE CHANNEL PLAN

File name: 07-064SH02.DGN
Reference files: BRDR98.DGN, PALMBCH83.DGN, 07-064EC_2.DGN, 07-064NAV.DGN

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

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

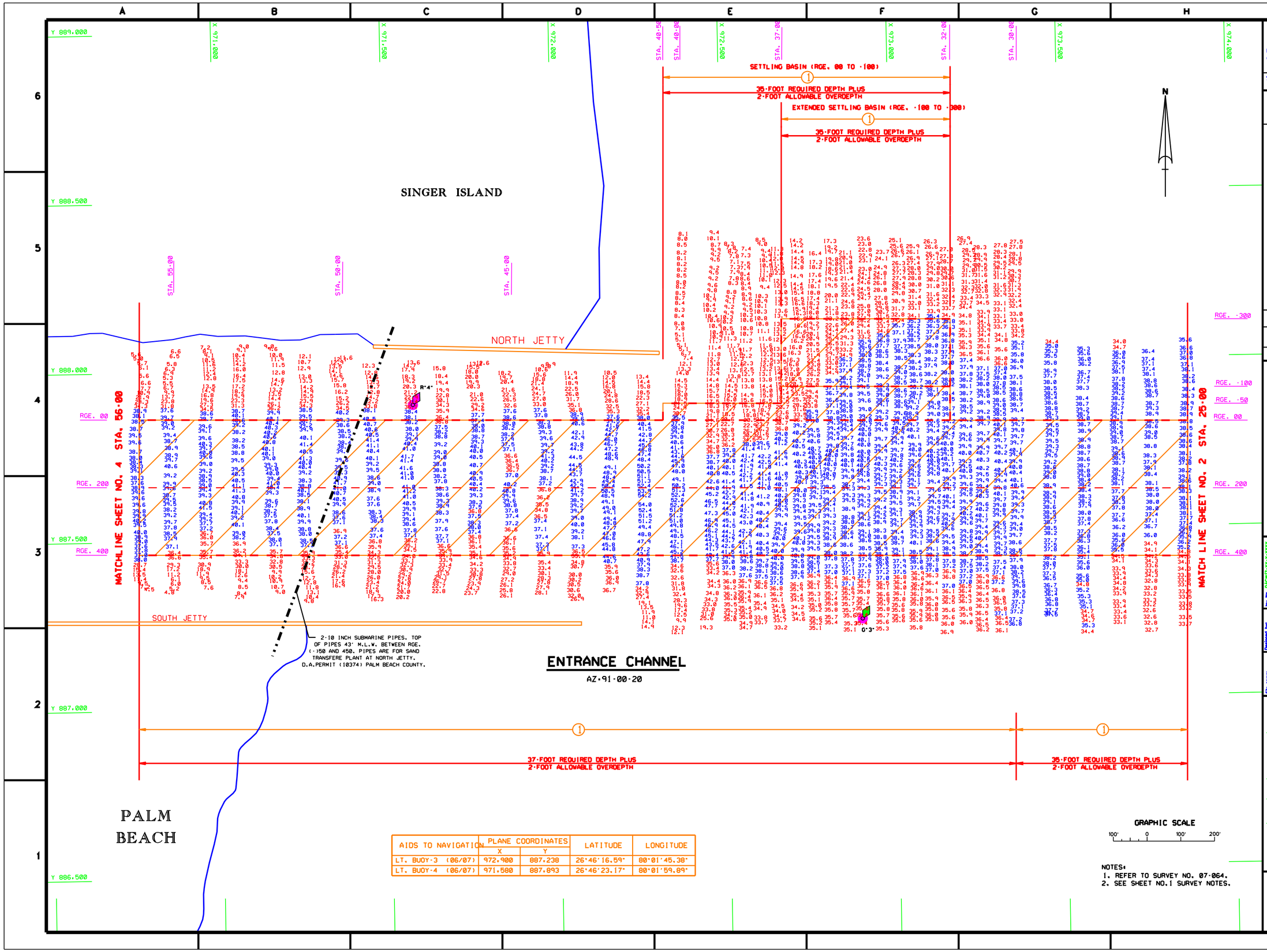
Dated: JUN 2006
D.O. FILE NO.

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

No.	Symbol	Zone	Description	Approved

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-3 (06/07)	972.900	887.238	26°46'16.59"	80°01'45.38"
LT. BUOY-4 (06/07)	971.580	887.893	26°46'23.17"	80°01'59.89"

NOTES:
1. REFER TO SURVEY NO. 07-064.
2. SEE SHEET NO.1 SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

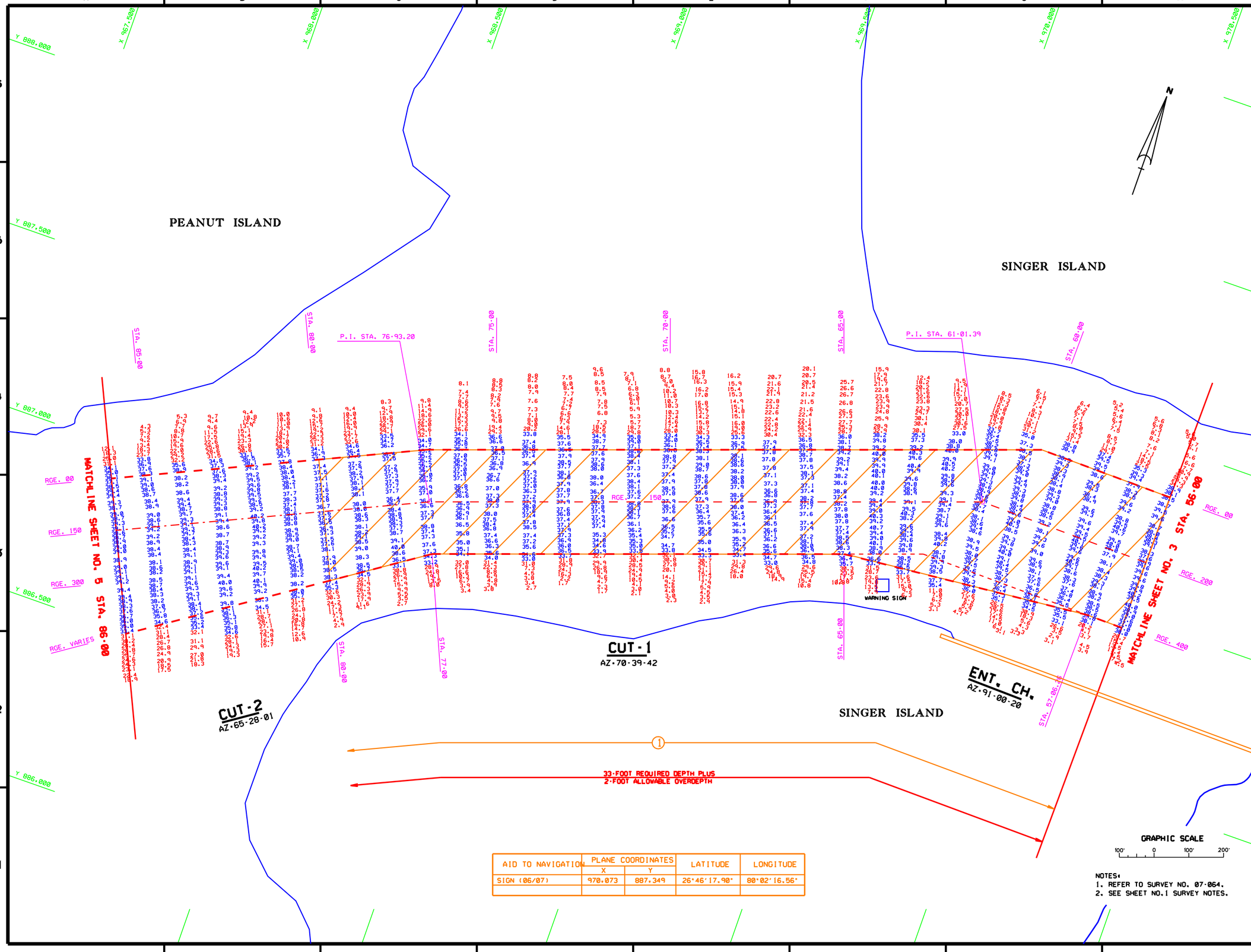
SAFETY ON THIS JOB DEPENDS ON YOU

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

PALM BEACH HARBOR, FLORIDA
AFTER-DREDGE SURVEY
35-FOOT PROJECT
STA.25+00 THRU STA.56+00 ENTRANCE CHANNEL
PLAN

Date: JUN 2007
D.O.FILE NO.

DRAWING NO.
3/5
SHEET 3 OF 5



AID TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
SIGN (06/07)	970.073	887.349	26°46'17.90"	80°02'16.56"

NOTES:
1. REFER TO SURVEY NO. 07-064.
2. SEE SHEET NO.1 SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

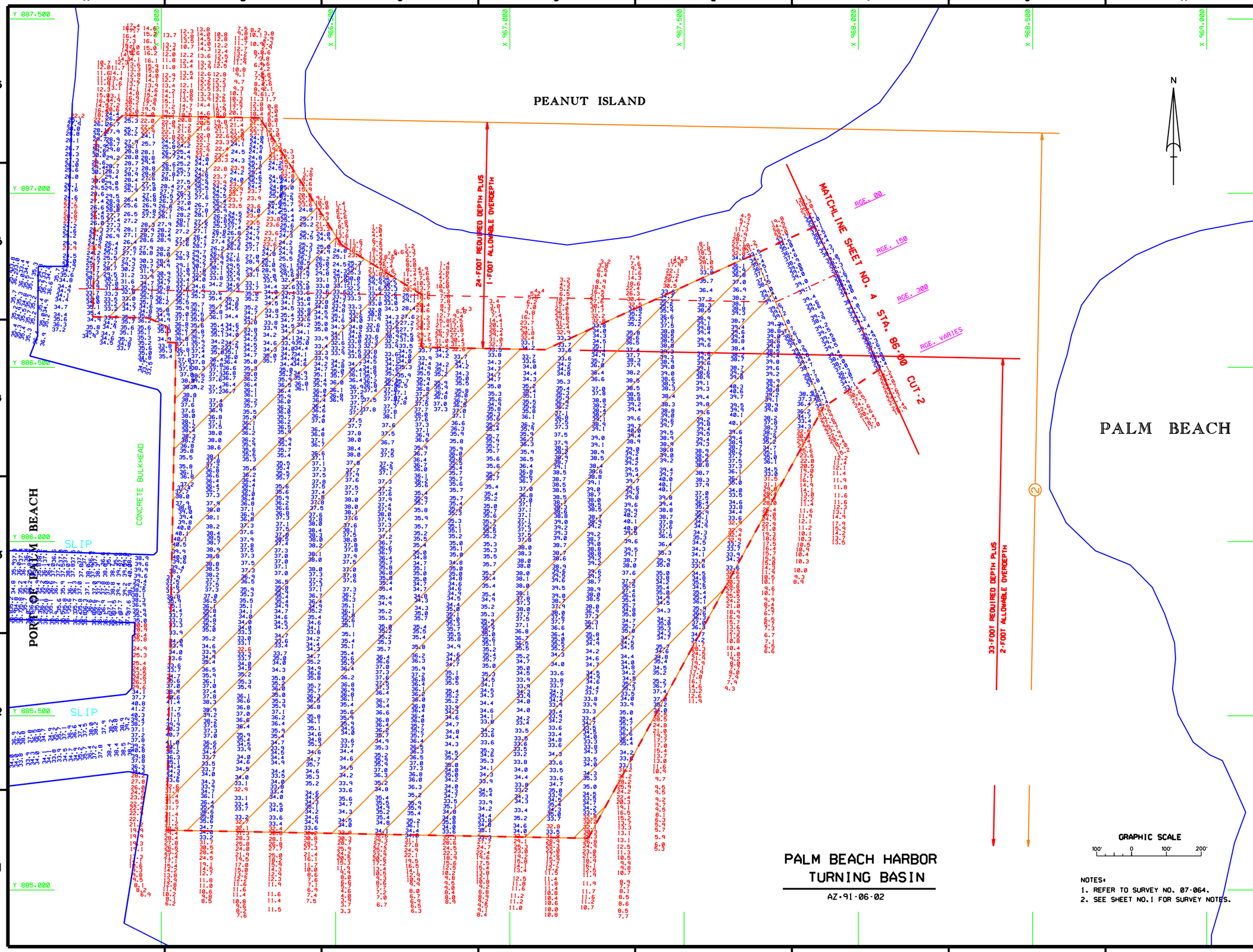
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: WSG
Dwn by: WRH
Ckd by: WRH
Inv. No. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Date: JUN 2007
D.O.FILE NO.

File name: 07-064SH04.DGN
Reference files: BRDR08.DGN PALMBCH03.DGN P01DR03.DGN 07-064EC.DGN 07-064CT.DGN 07-064CT2.DGN 07-064MAN.DGN

PALM BEACH HARBOR, FLORIDA
AFTER-DREDGE SURVEY
33 & 35-FOOT PROJECT
STA. 60+00 ENTRANCE CHANNEL THRU
STA. 86+00 CUT-2
PLAN

DRAWING NO.
4/5
SHEET 4 OF 5



PALM BEACH HARBOR
TURNING BASIN
AZ-91-06-02

NOTES:
1. REFER TO SURVEY NO. 07-064.
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

Designed by: WSG
Dwn by: WRW
Ckd by: WRW
Inv. No. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Date: JUN 2007
D.O. FILE NO.

File name: 06-064SH05.DGN
Reference files: BRDR98.DGN
PALMBCH03.DGN
PBTOPO03.DGN
07-064CT2.DGN
07-064HSL.DGN
07-064NSL.DGN
07-064TB.DGN

PALM BEACH HARBOR, FLORIDA
AFTER-DREDGE SURVEY
24 & 33-FOOT PROJECT
TURNING BASIN & NORTH BASIN EXTENSION
PLAN

DRAWING NO.
5/5
SHEET 5 OF 5