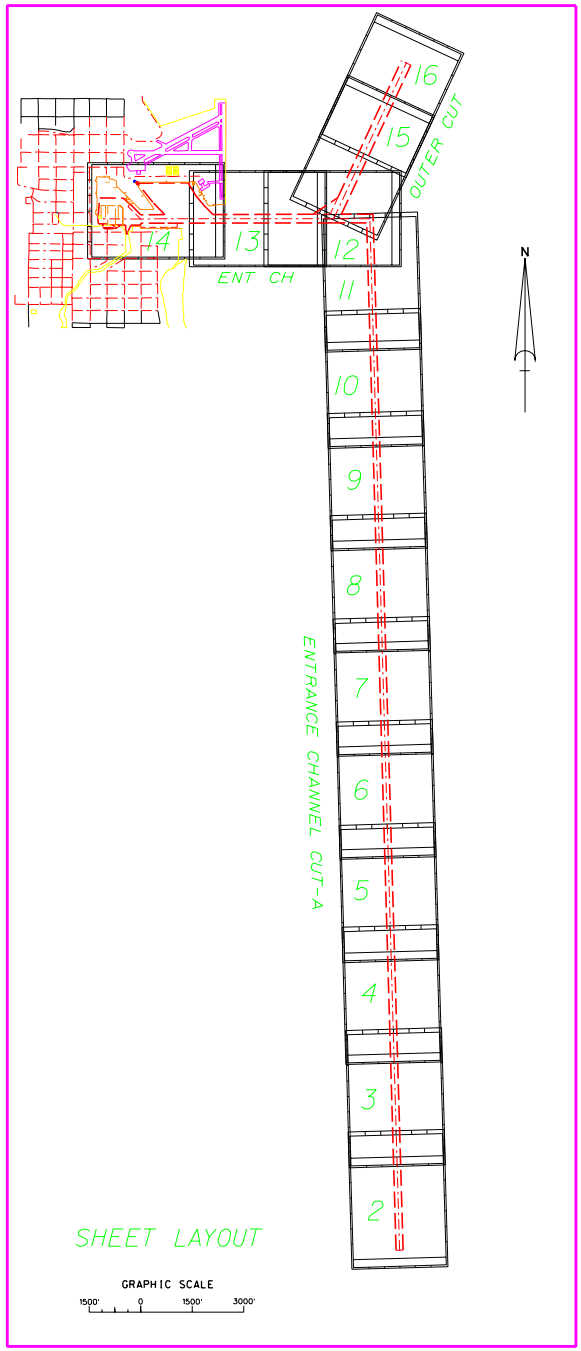
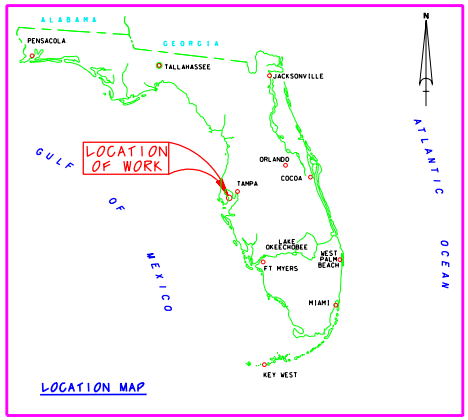
ST. PETERSBURG HARBOR
PINELLAS COUNTY, FLORIDA
PROJECT CONDITION SURVEY





SURVEY NOTES:

1. REFER TO SURVEY NO. 03-065.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 0.79 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 ADJACENT TO A MOORING PILING IN THE VICINITY OF EDD-60 AND FROM MEASURE DOWN POINT ON CONCRETE SEAWALL IN THE VICINITY OF AND REFERENCED FROM USACE BENCHMARK "TH-99".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE NORTH 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 AN ODOM ECHOTRAC MARK I DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

VESSEL	DATE OF SURVEY	CUT
HYDRO 18	13-20 JUN 2003	CUTS A, EC, B, OUTER CUT, SALT CREEK, BAYBORO HARBOR

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 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.
12. SURVEY DATA WAS COLLECTED BY CHARLEY FOSTER & ASSOCIATES, INC.

BENCHMARK	NGVD ELEV. (FT)
TH-99	2.99
EDD-60	8.39

NGVD 1929
0.79 feet
M.L.L.W.

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

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.	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

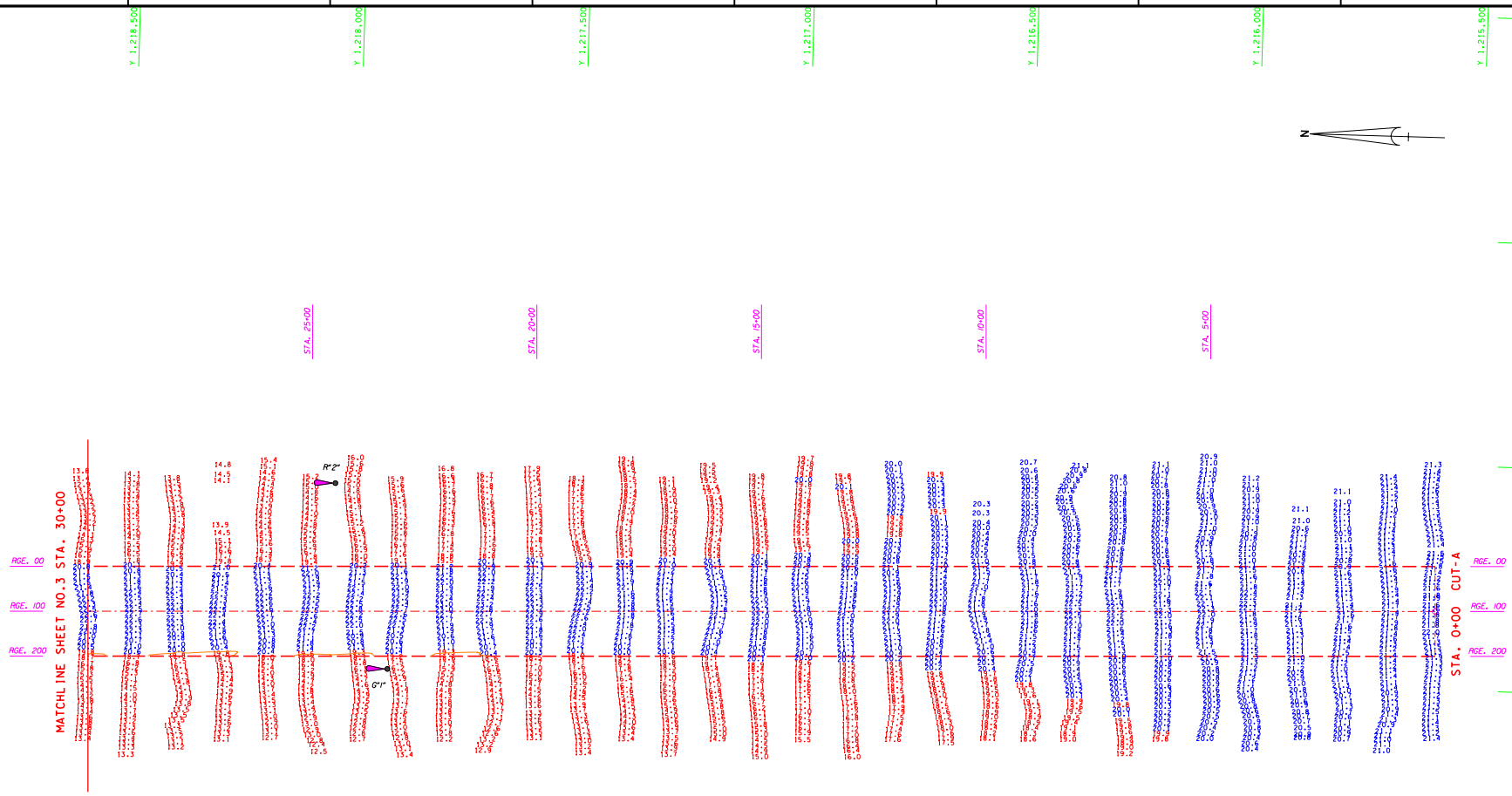
Designed by: WRM
Dwn by: WRM
Ckd by: WRM
Dated: JUN 2003
D.O. FILE NO.

File name: EDGESHOT.DGN
Reference files: MOPOBEL.DGN
MOPOLAND.DGN
STPTECHBLD.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
LOCATION, PLAN AND INDEX PLAN

DRAWING NO.
1/17

SHEET 1 OF 17



CUT-A

AZ-178-21-04

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (07/03)	458,976	1,217,902	27°40'58.37"	82°36'33.48"
LT-2 (07/03)	459,386	1,218,030	27°40'59.65"	82°36'28.92"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-065.
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: WRM
Dwn by: WRM
Ckd by: WRM

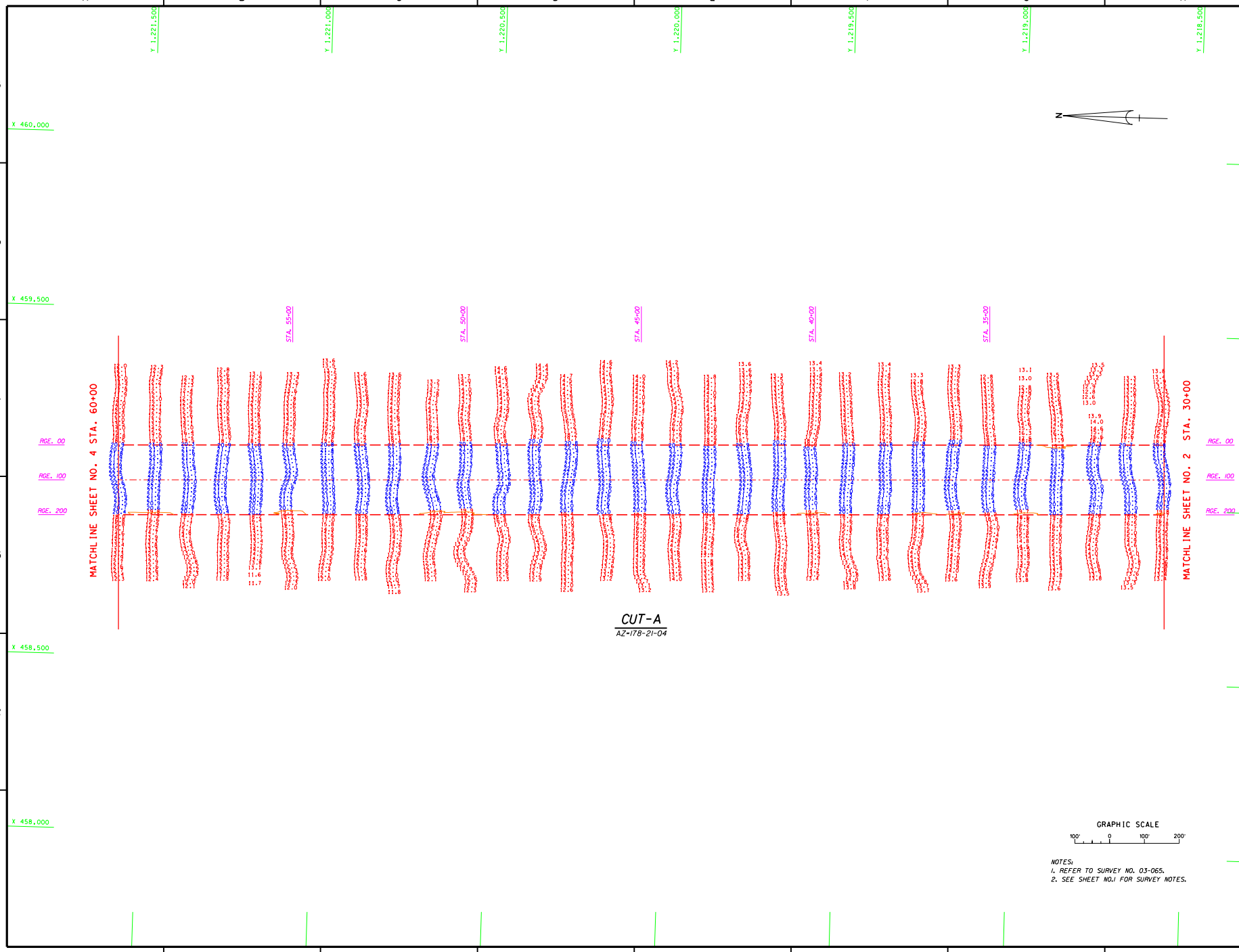
Dated: JUN 2003
D.O. FILE NO.

File name: E065SH02.DGN
Reference files: BRDR98.DGN STPTECH083.DGN E065SN00.DGN E065NAV.DGN CON20.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 0+00 THRU STA. 30+00 CUT-A
PLAN

DRAWING NO.
2/17

SHEET 2 OF 17



NOTES:
1. REFER TO SURVEY NO. 03-065.
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: WRM
Dwn by: WRM
Ckd by: WRM

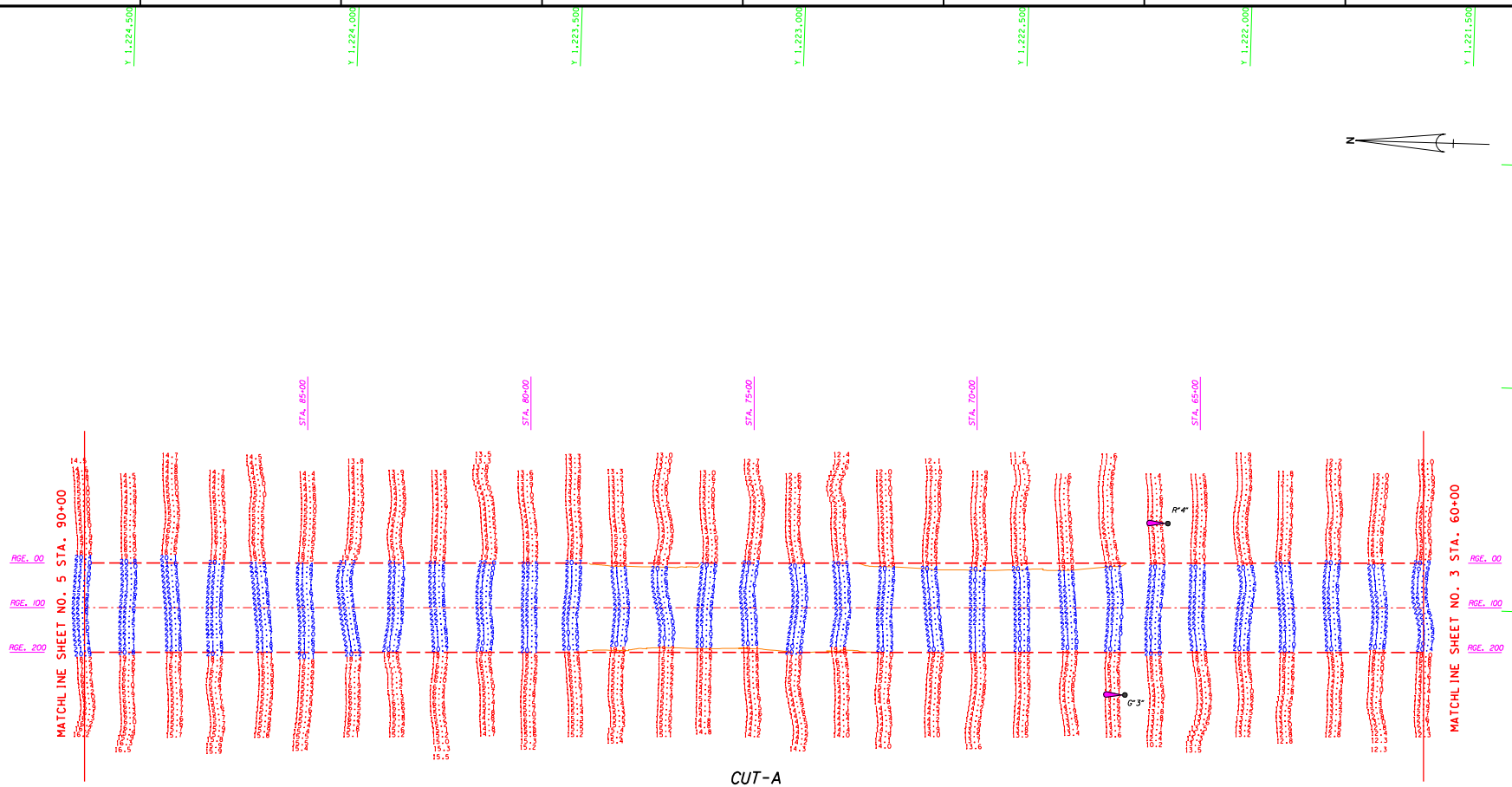
Dated: JUN 2003
D.O.FILE NO.

File name: E065SH03.DGN
Reference files: BRDR98.DGN STPTECHN83.DGN E065SH00.DGN CON20.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 30+00 THRU STA. 60+00 CUT-A
PLAN

DRAWING NO.
3/17

SHEET 3 OF 17



CUT-A

AZ=178-21-04

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-3 (07/03)	458,785	1,222,234	27°41'41.26"	82°36'35.85"
LT-4 (07/03)	459,172	1,222,149	27°41'40.43"	82°36'31.54"

GRAPHIC SCALE

100' 0 100' 200'

MOTES:
1. REFER TO SURVEY NO. 03-065.
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: XX:X

Designed by: WRW
Dwn by: WRW
Ckd by: WRW

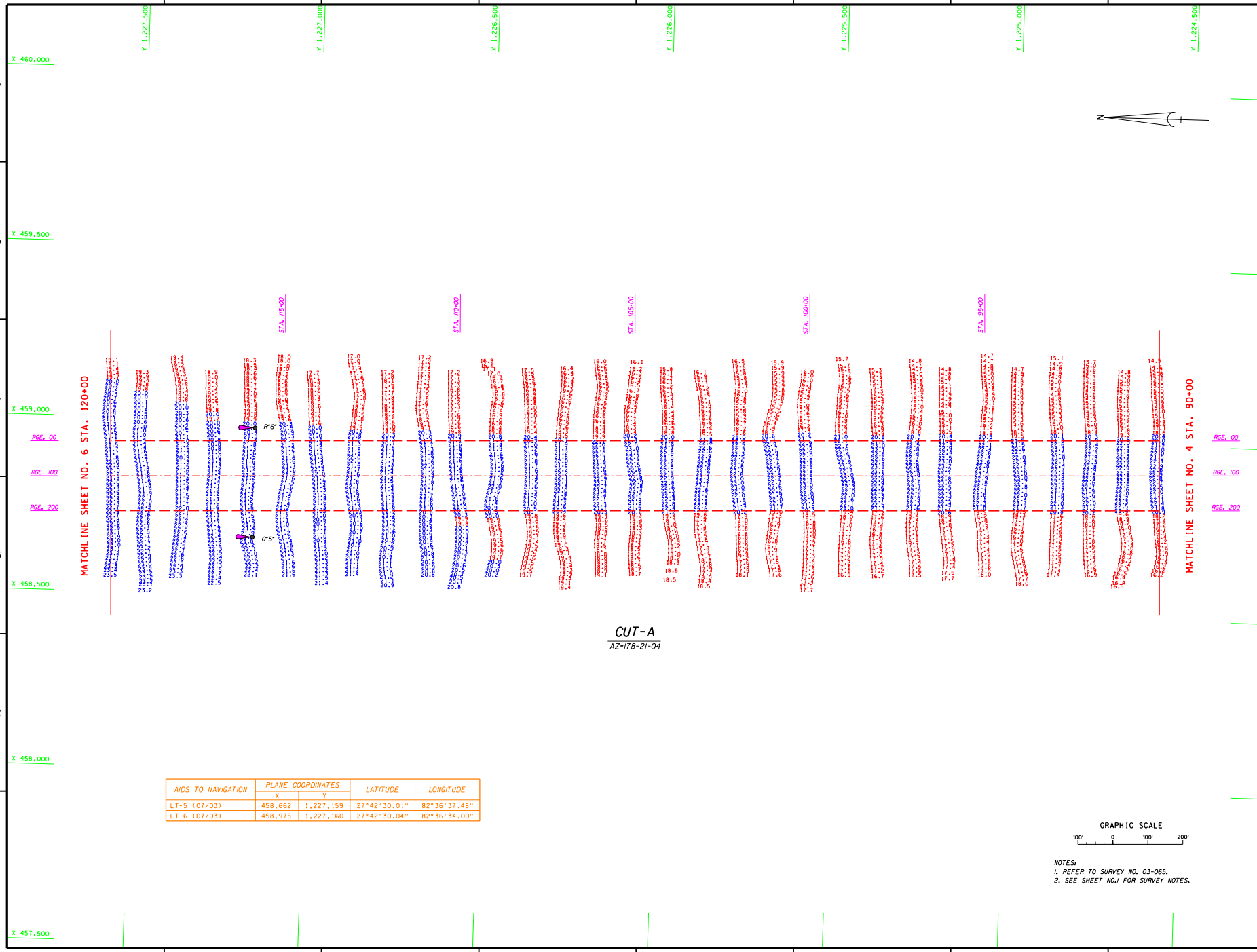
Dated: JUN 2003
D.O.F.ILE NO.

File name: E06ESSN4.DGN
Reference files: SPFEC06A.DGN
SPFEC06B.DGN
E06ESSN3.DGN
E06SUN4V.DGN
CONDO.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 60+00 THRU STA. 90+00 CUT-A
PLAN

DRAWING NO.
4/17

SHEET 4 OF 17



CUT-A

AZ-178-21-04

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-5 (07/03)	458,662	1,227,159	27°42'30.01"	82°36'37.48"
LT-6 (07/03)	458,975	1,227,160	27°42'30.04"	82°36'34.00"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 03-065.
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: XX:X

Designed by: RMW
Dwn by: RMW
Ckd by: RMW

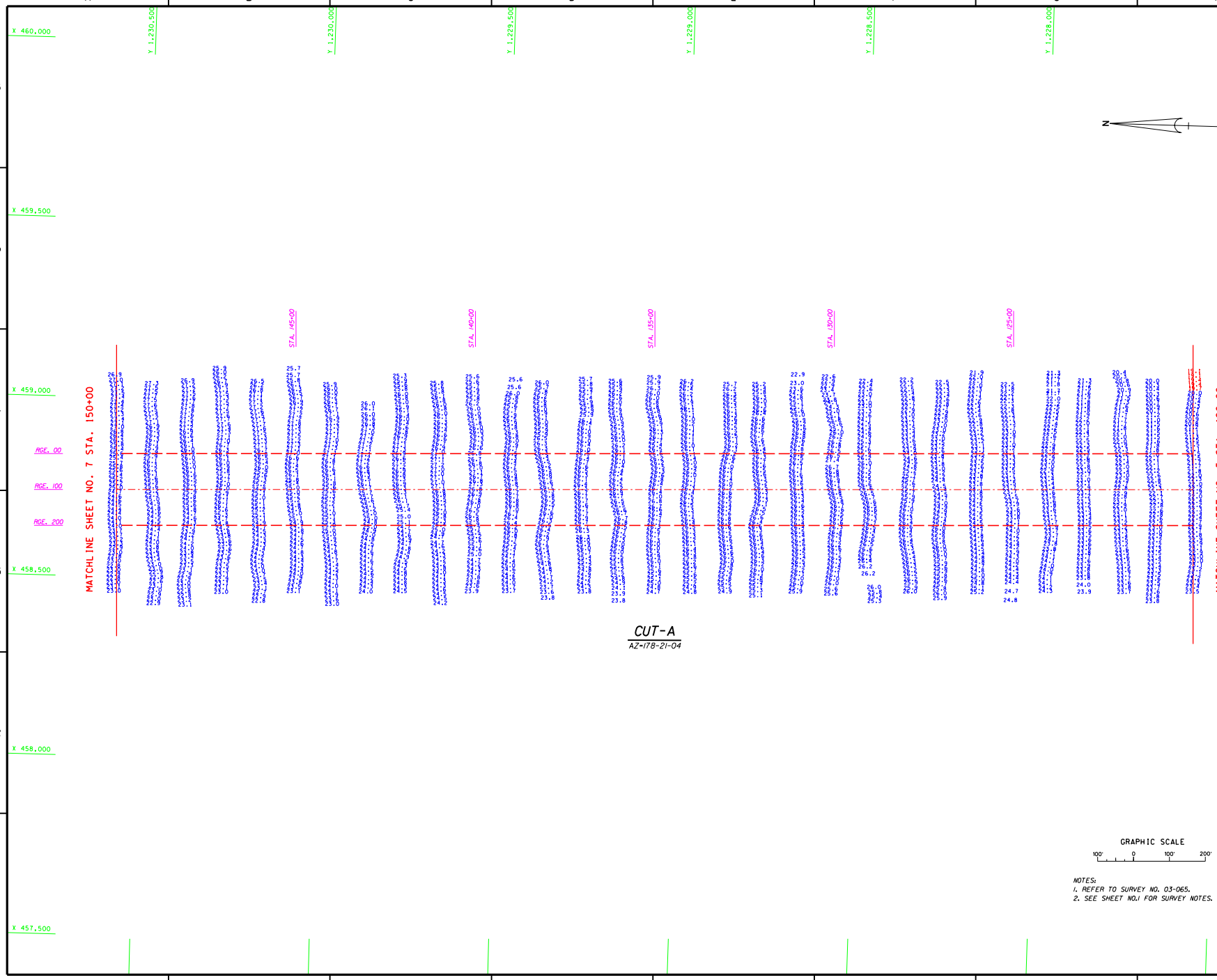
Dated: JUN 2003
D.O.FILE NO.

File name: E06SSN05.DGN
Reference files: SPOINT06.DGN
SPOINT07.DGN
E06SSN03.DGN
E06SSN07.DGN
E06SNAV.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 90+00 THRU STA. 120+00 CUT-A
PLAN

DRAWING NO.
5/17

SHEET 5 OF 17



NOTES:
1. REFER TO SURVEY NO. 03-065.
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: WRM
Dwn by: WRM
Ckd by: WRM

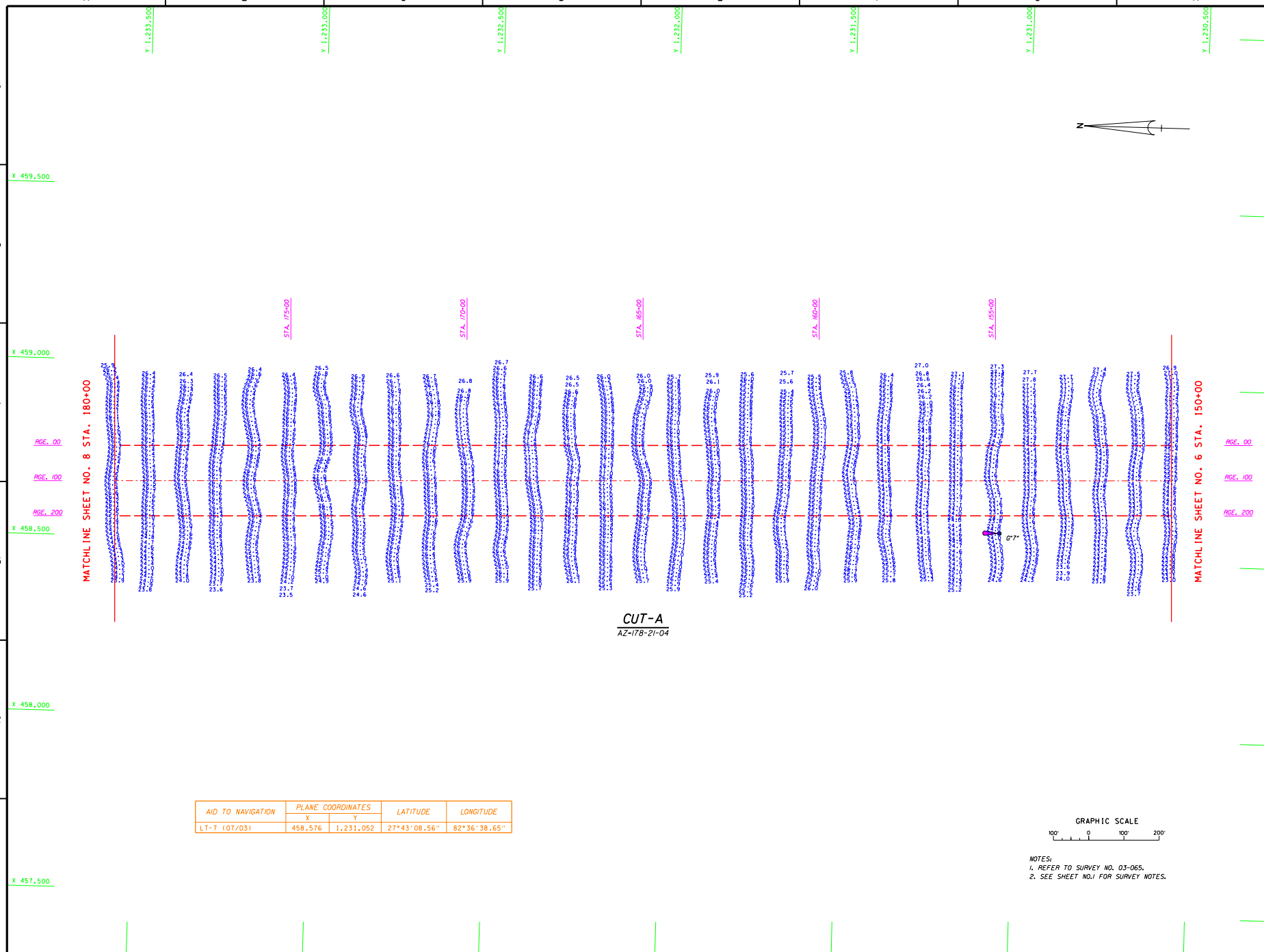
Dated: JUN 2003
D.O.FILE NO.

File name: E065SHG6.DGN
Reference files: BRDRB8.DGN STPTECHN83.DGN E065SHG0.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 120+00 THRU STA. 150+00 CUT-A
PLAN

DRAWING NO.
6/17

SHEET 6 OF 17



CUT-A

AZ=178-21-04

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-7 (07/03)	458,576	1,231,052	27°43'08.56"	82°36'38.65"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-065.
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: WRM
Dwn by: WRM
Ckd by: WRM

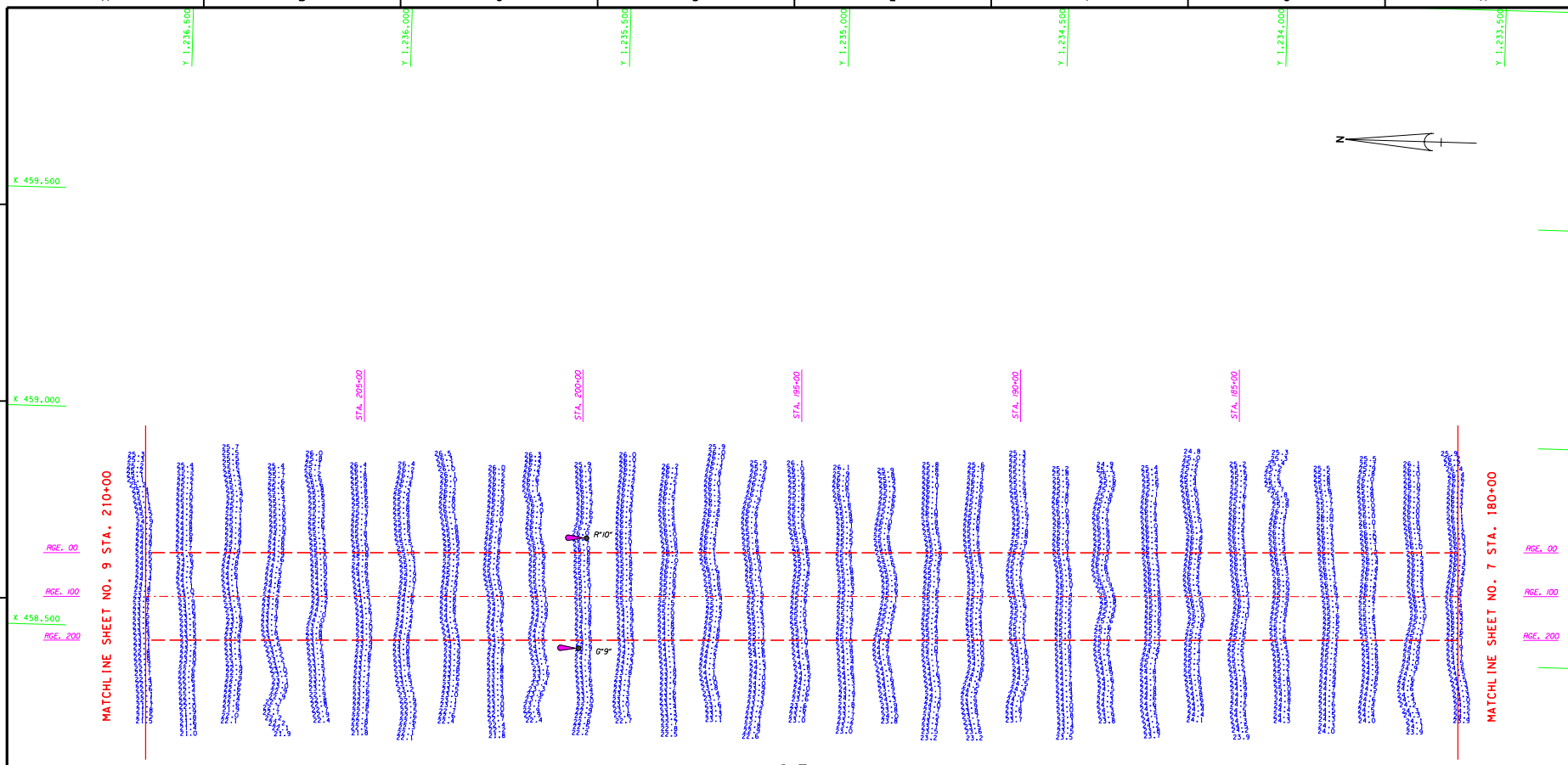
Dated: JUN 2003
D.O.FILE NO.

File name: E065SH07.DGN
Reference files: BRDRSB.DGN STPTECH03.DGN E065SNDG.DGN E065NAV.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 150+00 THRU STA. 180+00 CUT-A
PLAN

DRAWING NO.
7/17

SHEET 7 OF 17



CUT-A

AZ-178-21-04

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-9 (07/03)	458,477	1,235,572	27°43'53.31"	82°36'40.00"
LT-10 (07/03)	458,730	1,235,562	27°43'53.22"	82°36'37.19"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-065.
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: WRM
Dwn by: WRM
Ckd by: WRM

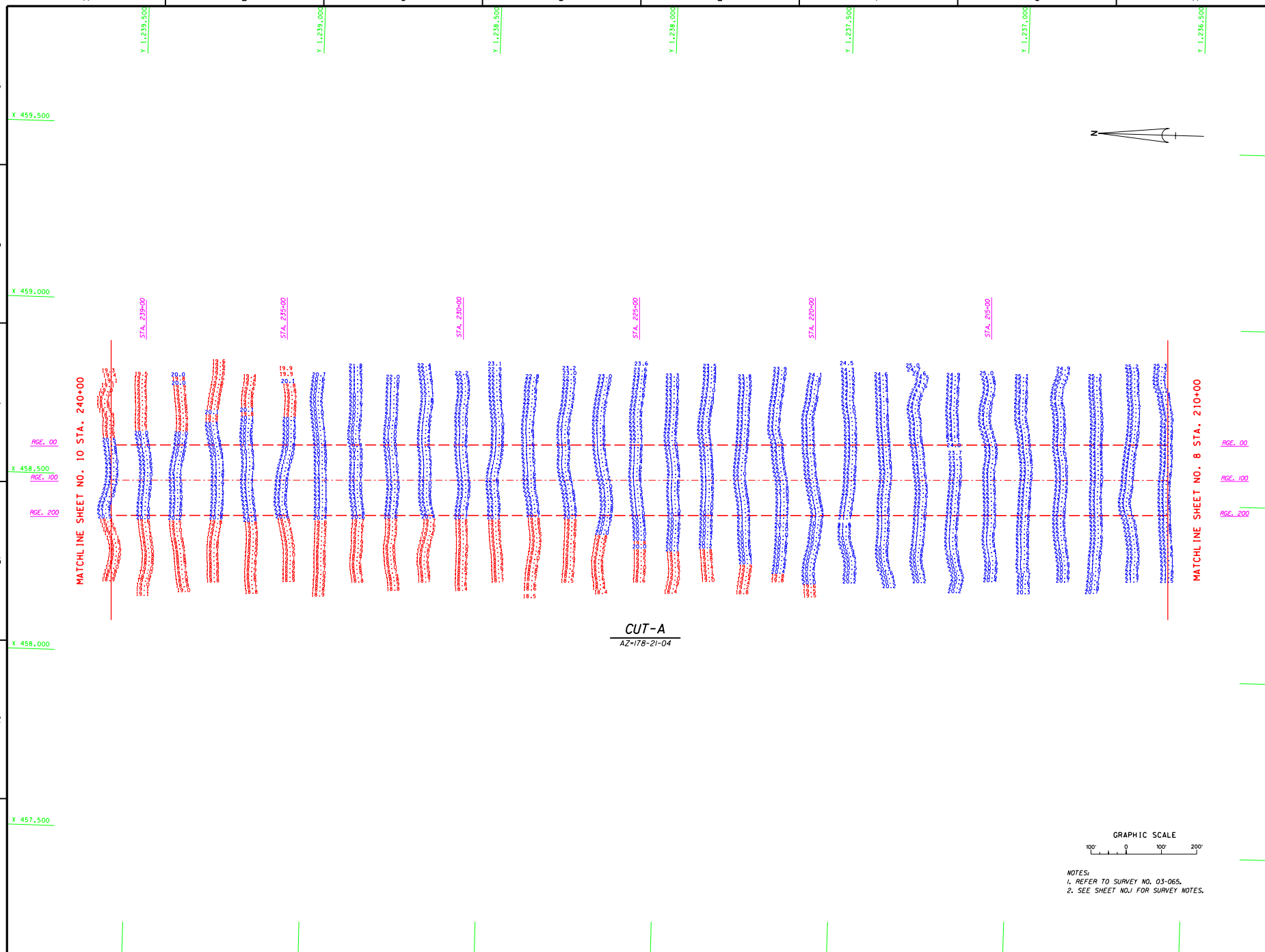
Dated: JUN 2003
D.O. FILE NO.

File name: E065SH08.DGN
Reference files: BRDR98.DGN STPTECHN83.DGN E065SND.DGN E065NAV.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 180+00 THRU STA. 210+00 CUT-A
PLAN

DRAWING NO.
8/17

SHEET 8 OF 17



NOTES:
1. REFER TO SURVEY NO. 03-065.
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: XXXX

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

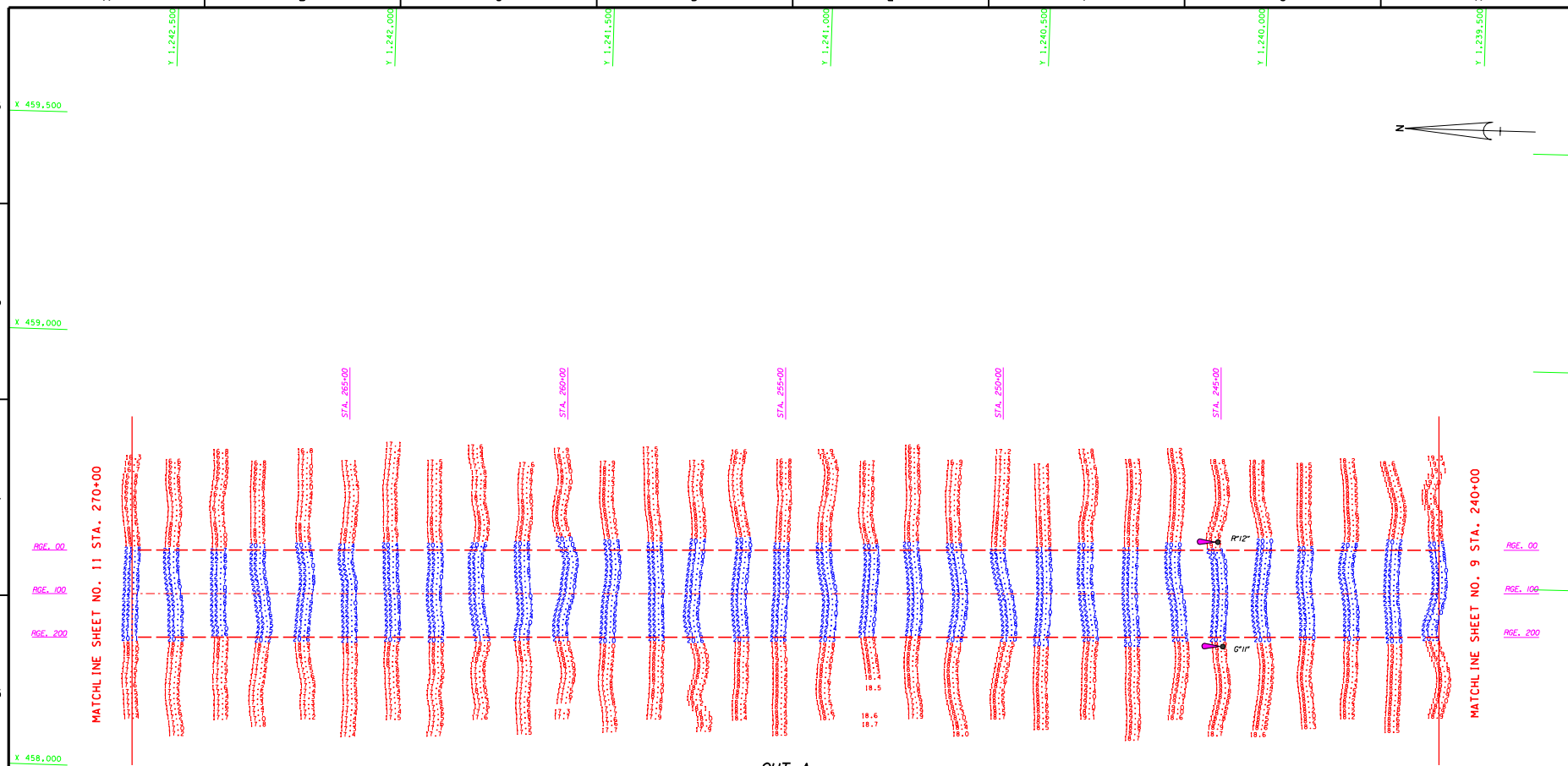
Dated: JUN 2003
D.O.FILE NO.

File name: E06SSN09.DGN
Reference files: BRDR98.DGN STPTECHN03.DGN E06SSN00.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 210+00 THRU STA. 240+00 CUT-A
PLAN

DRAWING NO.
9/17

SHEET 9 OF 17



CUT-A

AZ=178-21-04

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-11 (07/03)	458,346	1,240,056	27°44'37.71"	82°36'41.71"
LT-12 (07/03)	458,585	1,240,074	27°44'37.90"	82°36'39.05"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-065.
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: XX:X

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

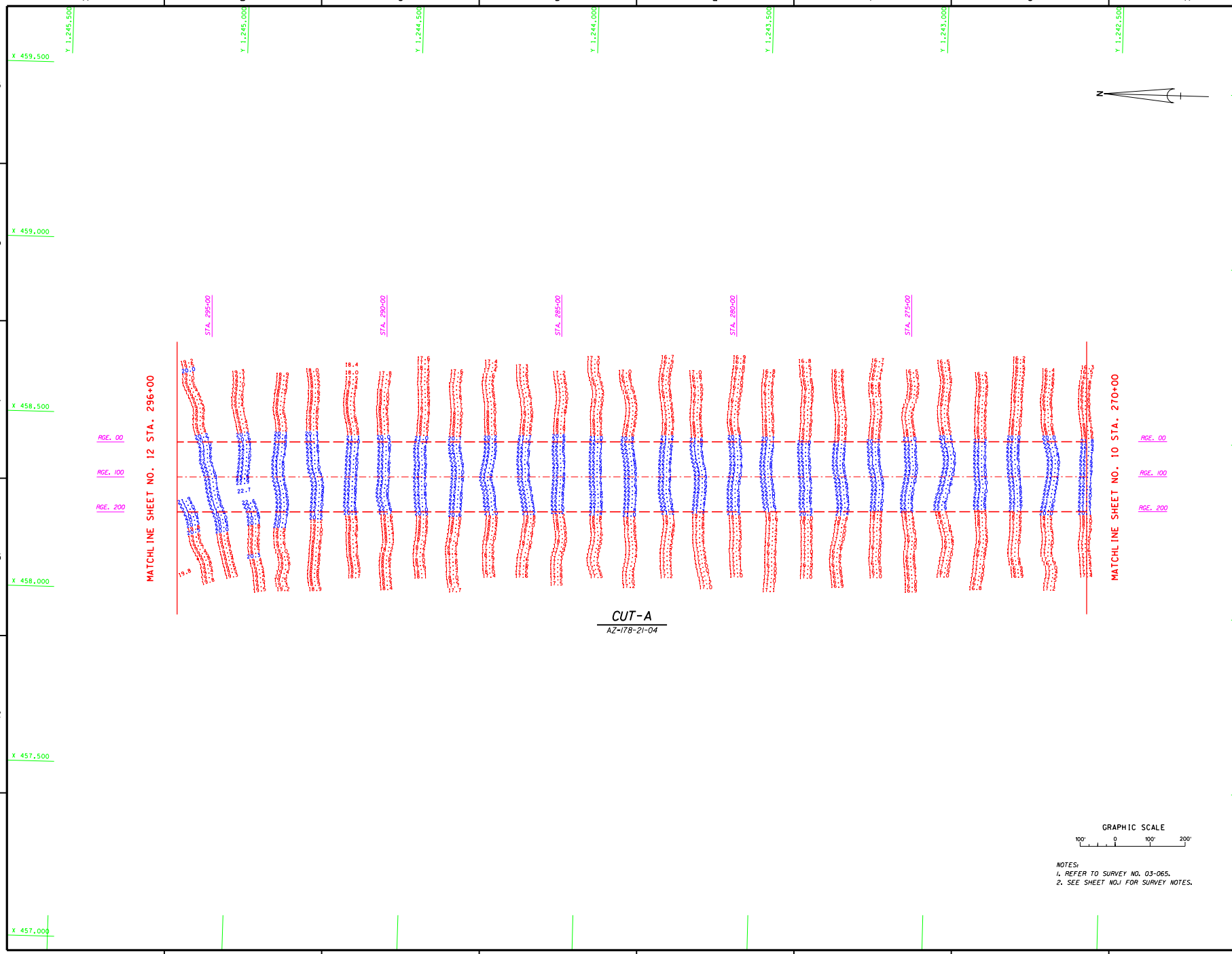
Dated: JUN 2003
D.O.FILE NO.

File name: E065SHO.DGN
Reference files: BRDR98.DGN STPTECHN83.DGN E065SNOC.DGN E065NAV.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 240+00 THRU STA. 270+00 CUT-A
PLAN

DRAWING NO.
10/17

SHEET 10 OF 17



CUT-A

AZ-178-21-04

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-065.
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: XX:X

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

Dated: JUN 2003
D.O.FILE NO.

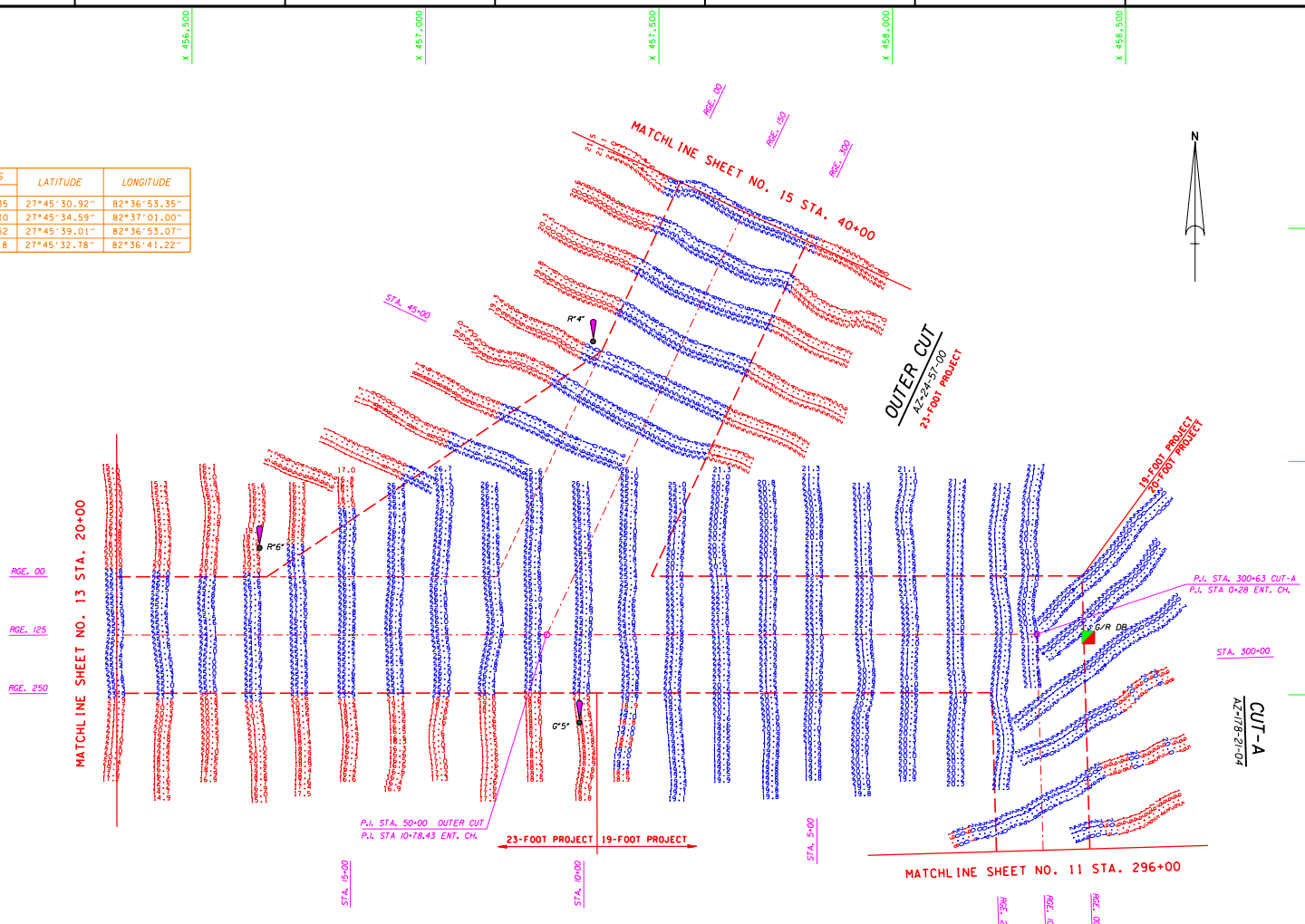
File name: E065SHI1.DGN
Reference files: BRDR98.DGN STPTECHN83.DGN E065SNDG.DGN CON20.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 270+00 THRU STA. 296+00 CUT-A
PLAN

DRAWING NO.
11/17

SHEET 11 OF 17

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-5 (07/03)	457,327	1,245,435	27°45'30.92"	82°36'53.35"
LT-6 (07/03)	456,641	1,245,810	27°45'34.59"	82°37'01.00"
LT-4 (07/03)	457,356	1,246,252	27°45'39.01"	82°36'53.07"
DBN (07/03)	458,418	1,245,618	27°45'32.78"	82°36'41.22"



GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-065.
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

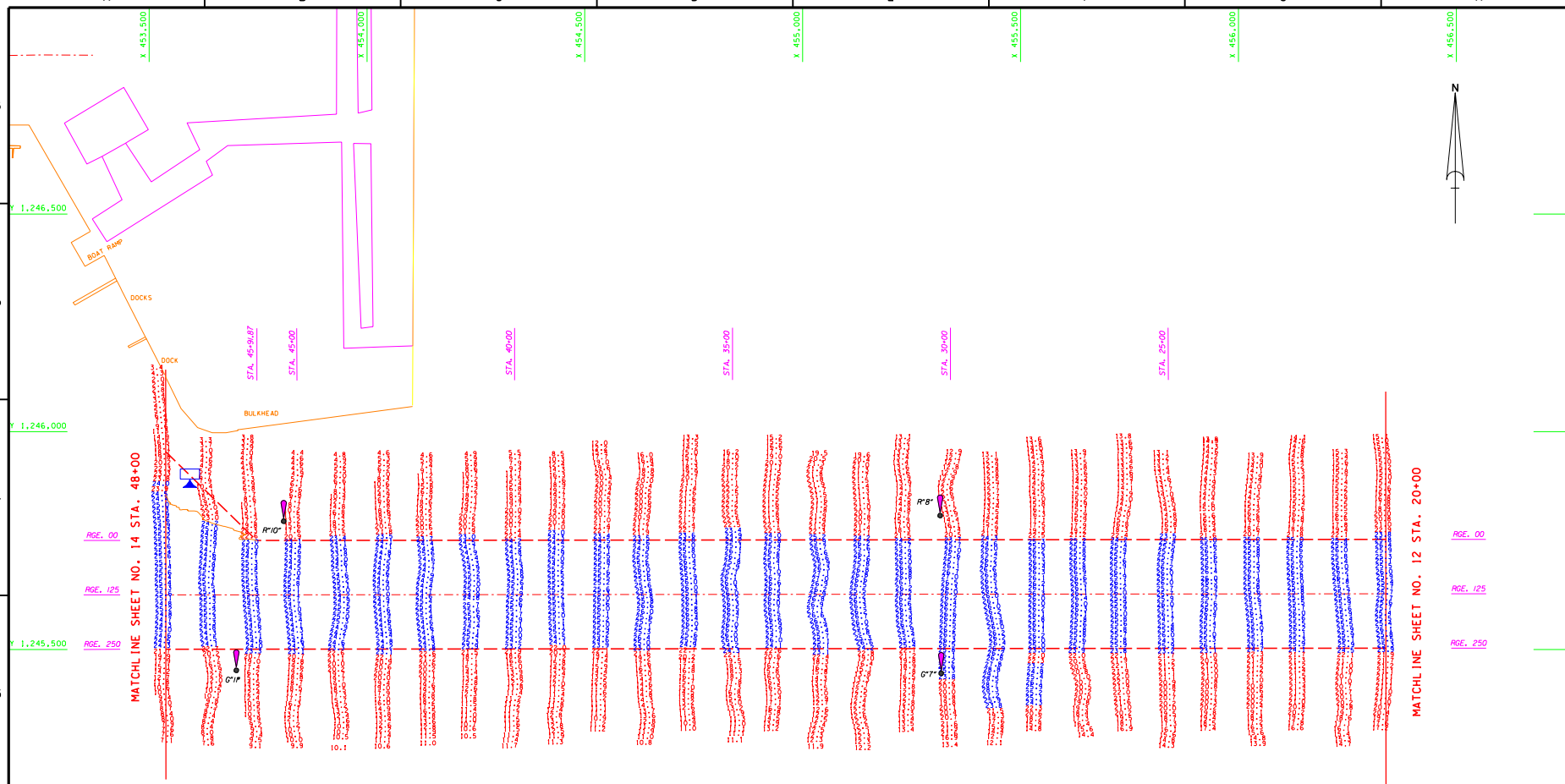
Designed by: BRW
Dwn by: BRW
Ckd by: WHW
Dated: JUN 2003
D.O.F.ILE NO.

File name: E08SSH12.DGN
Reference files: SSH08.DGN
STPETERSBURG.DGN
E08SSN00.DGN
E08SSA00.DGN
CORD13.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 296+00 CUT-A THRU STA. 20+00 ENT. CHL.
PLAN

DRAWING NO.
12/17

SHEET 12 OF 17



ENTRANCE CHANNEL

AZ-89-57-00

AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT-7 (07/03)	455,315	1,245,440	27°45'30.87"	82°37'15.75"
LT-8 (07/03)	455,312	1,245,802	27°45'34.45"	82°37'15.80"
LT-10 (07/03)	453,806	1,245,789	27°45'34.25"	82°37'32.57"
LT-11 (07/03)	453,697	1,245,447	27°45'30.85"	82°37'33.76"
SIGN (07/03)	453,593	1,245,891	27°45'35.24"	82°37'34.94"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-065.
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: XX:X

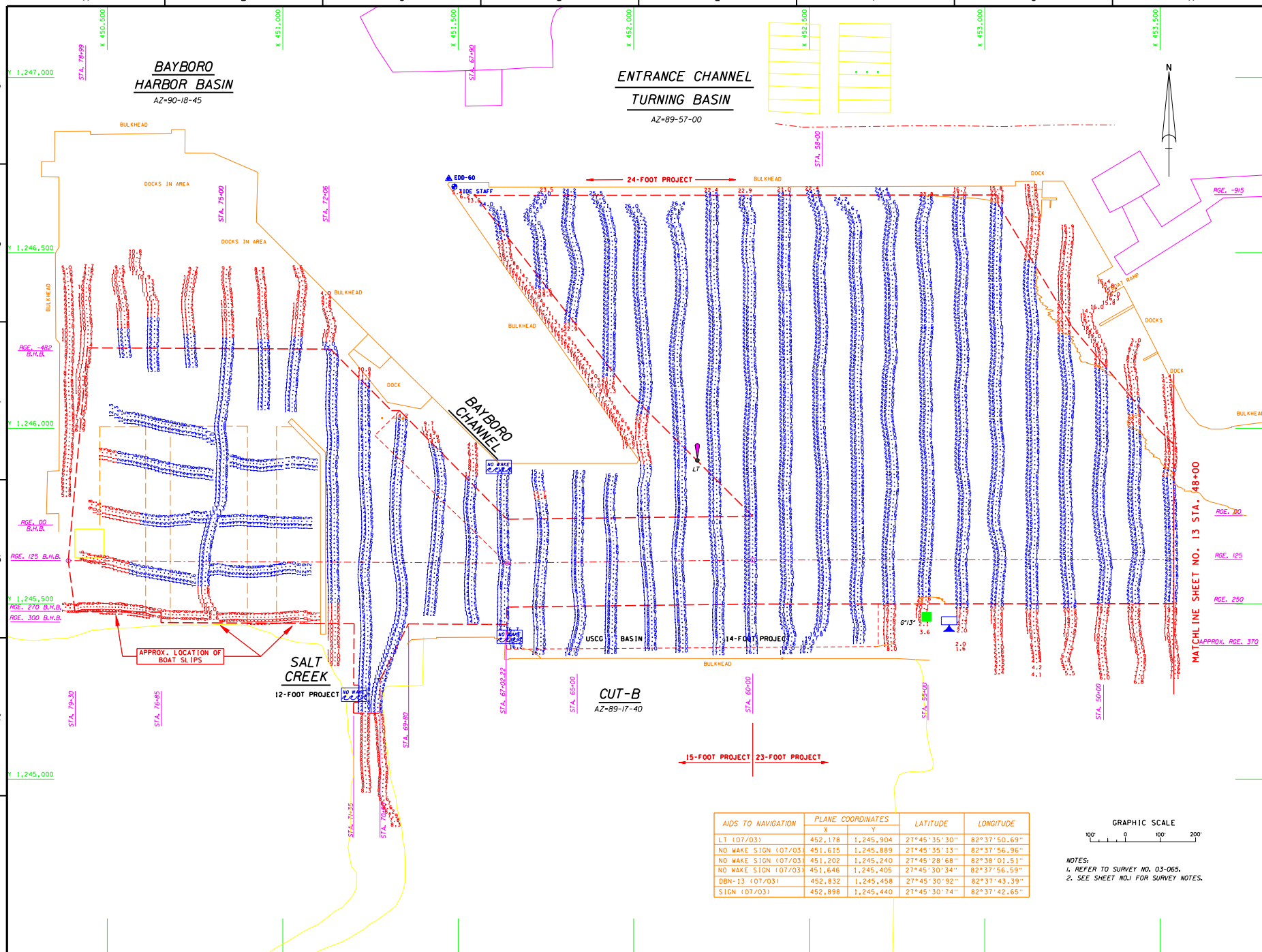
Designed by: WRW
Dwn by: WRW
Ckd by: WRW
Dated: JUN 2003
D.O.F.ILE NO.

File name: E06SSN13.DGN
Reference files: BNDRY06.DGN
STP_TOPO06S.DGN
STP_TOPO06L.DGN
E06SSN00.DGN
E06SUM.DGN
CORE1.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 20+00 THRU STA. 48+00 ENTRANCE CHANNEL
PLAN

DRAWING NO.
13/17

SHEET 13 OF 17



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT (07/03)	452,178	1,245,904	27°45'35'30"	82°37'50.69"
NO WAKE SIGN (07/03)	451,615	1,245,889	27°45'35'13"	82°37'56.96"
NO WAKE SIGN (07/03)	451,202	1,245,240	27°45'28'68"	82°38'01.51"
NO WAKE SIGN (07/03)	451,646	1,245,405	27°45'30'34"	82°37'56.59"
DBN-13 (07/03)	452,832	1,245,458	27°45'30'92"	82°37'43.39"
SIGN (07/03)	452,898	1,245,440	27°45'30'74"	82°37'42.65"

NOTES:
1. REFER TO SURVEY NO. 03-065.
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
Dates: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X

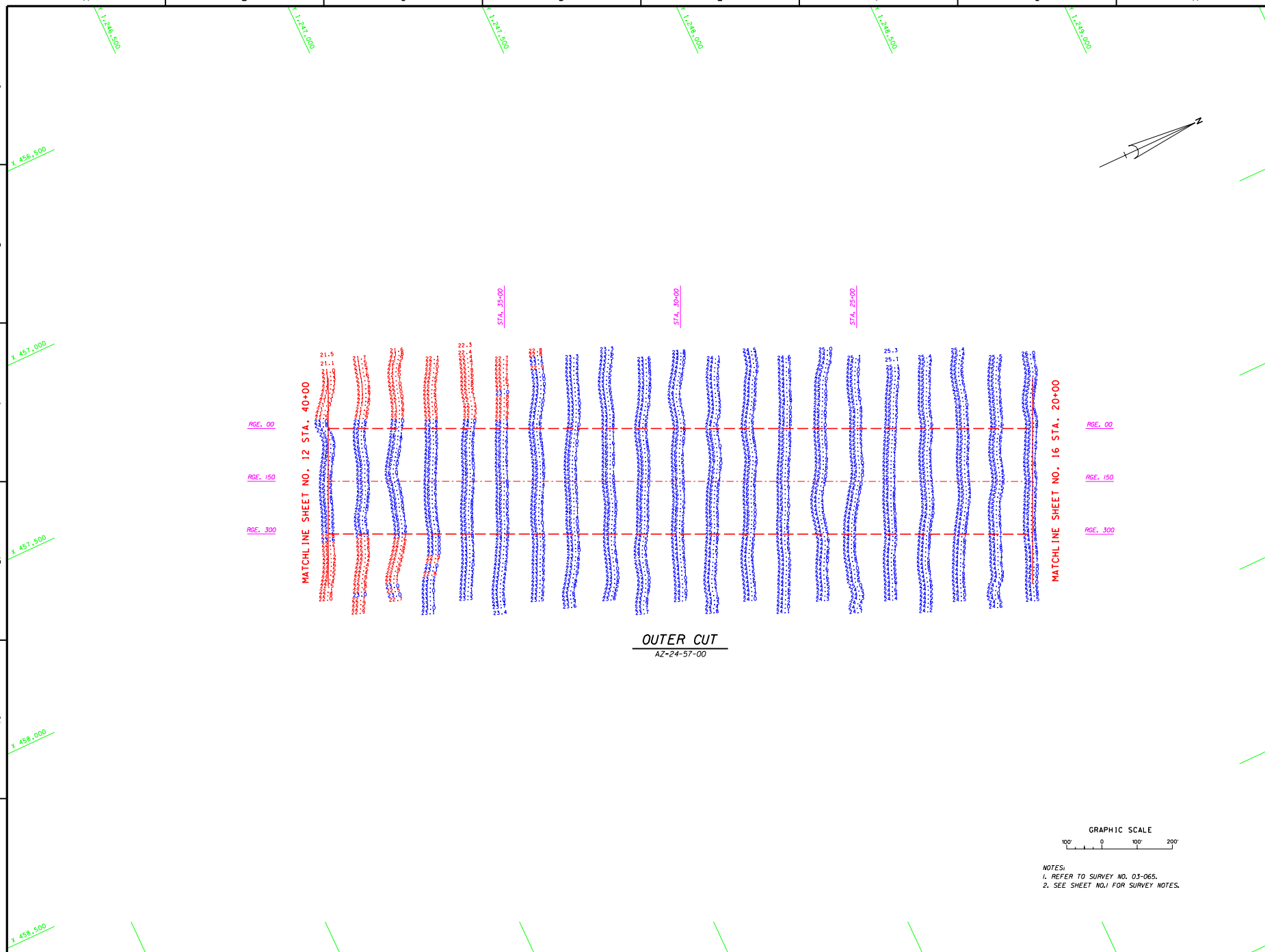
Designed by: MRW
Dwn by: MRW
Ckd by: MRW
Dated: JUN 2003
D.O.F FILE NO.

File name: E0603H4.DGN
Reference files:
SEPTEC083.DGN
SEPTEC084.DGN
EIFEGEOB.DGN
EIFEGEOC.DGN
E0603AV.DGN
CONA.DGN
CONB.DGN
CONC.DGN
CONDITION
CONDITION

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 48+00 CUT-B THRU BAYBORO TURNING BASIN
PLAN

DRAWING NO.
14/17

SHEET 14 OF 17



OUTER CUT

AZ=24-57-00

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-065.
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: XX:X

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

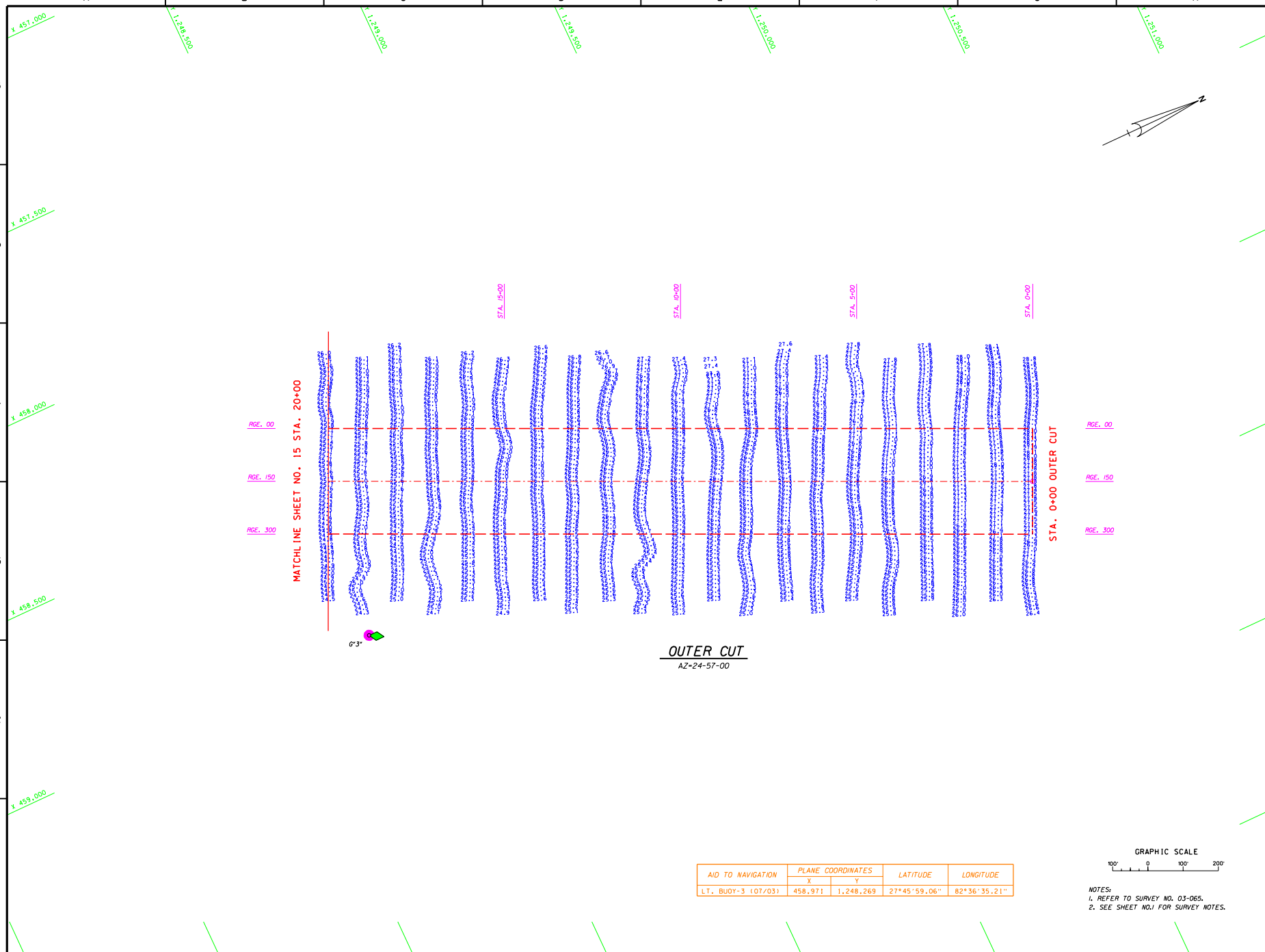
Dated: JUN 2003
D.O.FILE NO.

File name: E065SH15.DGN
Reference files: BRDR98.DGN STPTECHN83.DGN E065SNGD.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
STA. 20+00 THRU STA. 40+00 OUTER CUT
PLAN

DRAWING NO.
15/17

SHEET 15 OF 17



OUTER CUT

AZ=24-57-00

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (07/03)	458.971	1.248.269	27°45'59.06"	82°36'35.21"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 03-065.
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: XX:X

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

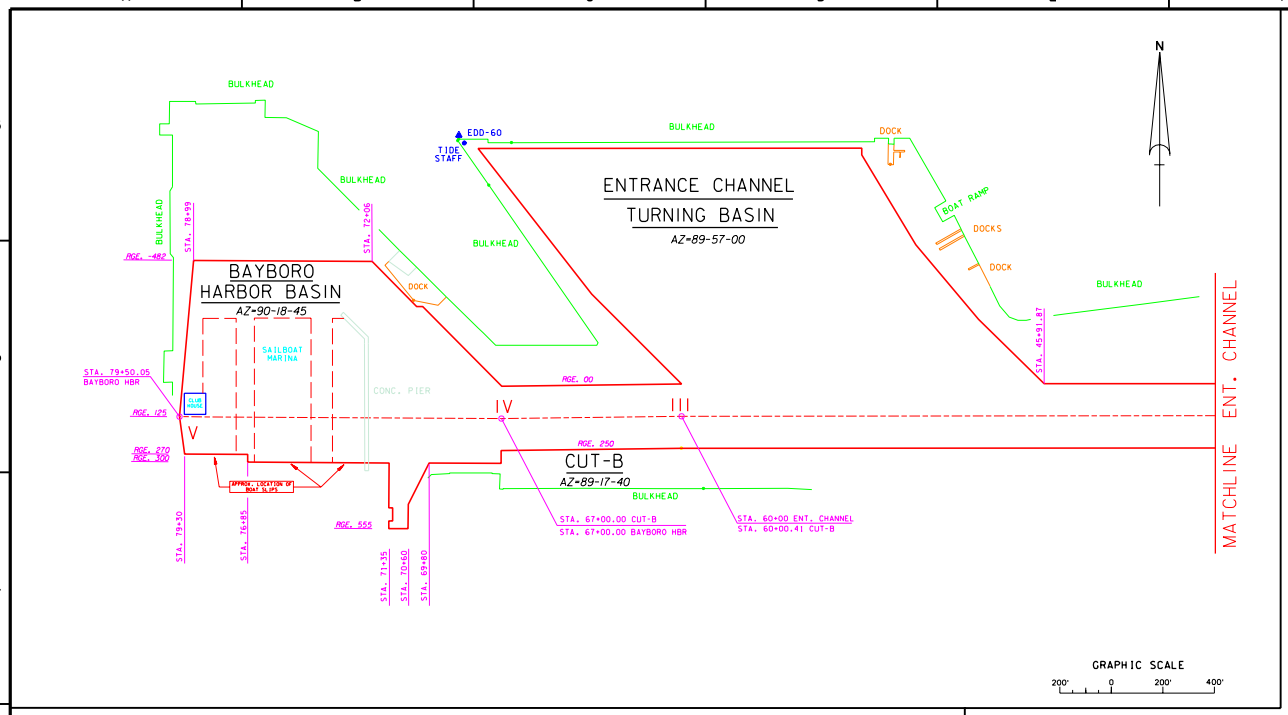
Dated: JUN 2003
D.O.FILE NO.

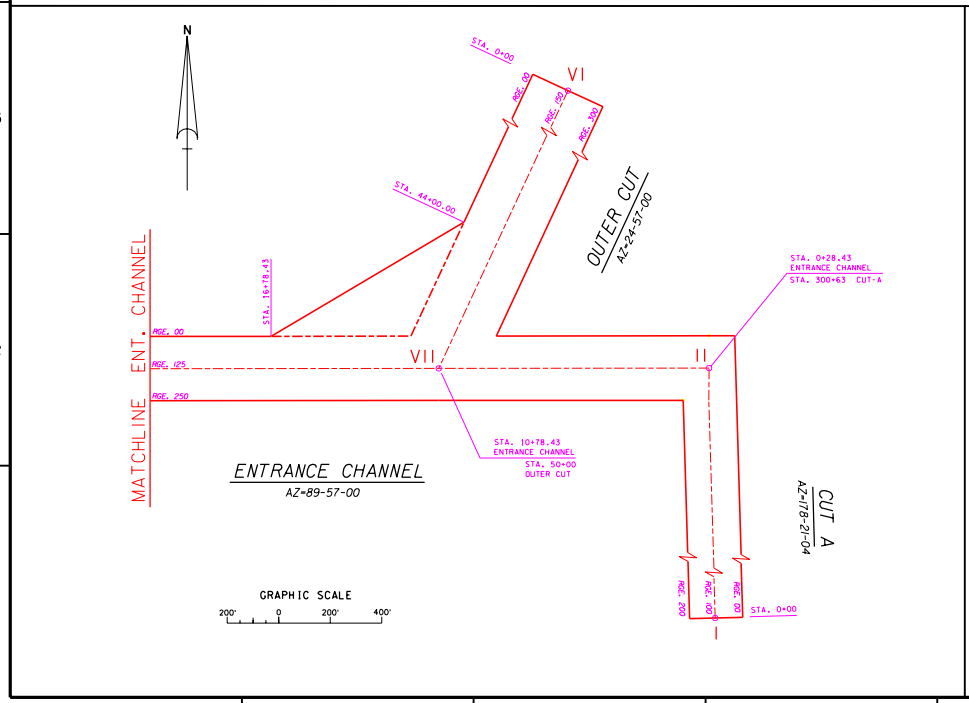
File name: E065SH16.DGN
Reference files: BRDR98.DGN STPTECHN83.DGN E065SNDG.DGN E065NAV.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
0+00 THRU STA. 20+00 OUTER CUT
PLAN

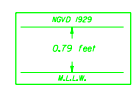
DRAWING NO.
16/17

SHEET 16 OF 17





CHANNEL CONTROL						
P.I.	PLANE COORDINATES X	PLANE COORDINATES Y	CUT	STATION	RANGE	AZIMUTH
I	302,945.83	1,215,415.45	A	0+00.00	100	178-21-04
			A	300+63.00	100	
II	302,080.77	1,245,466.00	E.C.	0+28.43	125	89-57-00
			E.C.	60+00.00	125	
III	296,109.20	1,245,460.80	B	60+00.41	125	89-17-40
			B	67+00.00	125	
IV	295,409.66	1,245,452.18	B.H.	67+00.00	125	90-18-45
V	294,159.63	1,245,459.00	B.H.	79+50.05	125	
VI	303,139.91	1,249,998.46	O.C.	0+00.00	150	24-57-00
			O.C.	50+00.00	150	
VII	301,030.77	1,245,465.08	E.C.	10+78.43	125	



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

BENCHMARK	NGVD ELEV. (FT)
TH 99	2.99
EDD-60	8.39

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: WRM
Dwn by: WRM
Ckd by: WRM
Dated: JUN 2003
D.O.FILE NO.

File name: EDD5SH17.DGN
Reference files: BRDRP98.DGN

ST. PETERSBURG HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12 TO 24-FOOT PROJECT
CONTROL SHEET
PLAN

DRAWING NO.
17/17

SHEET 17 OF 17