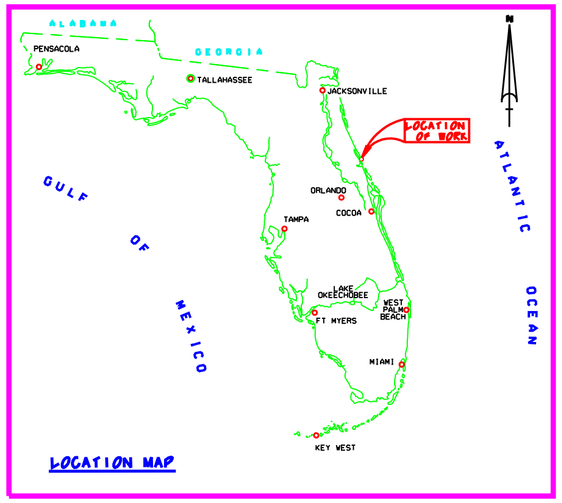
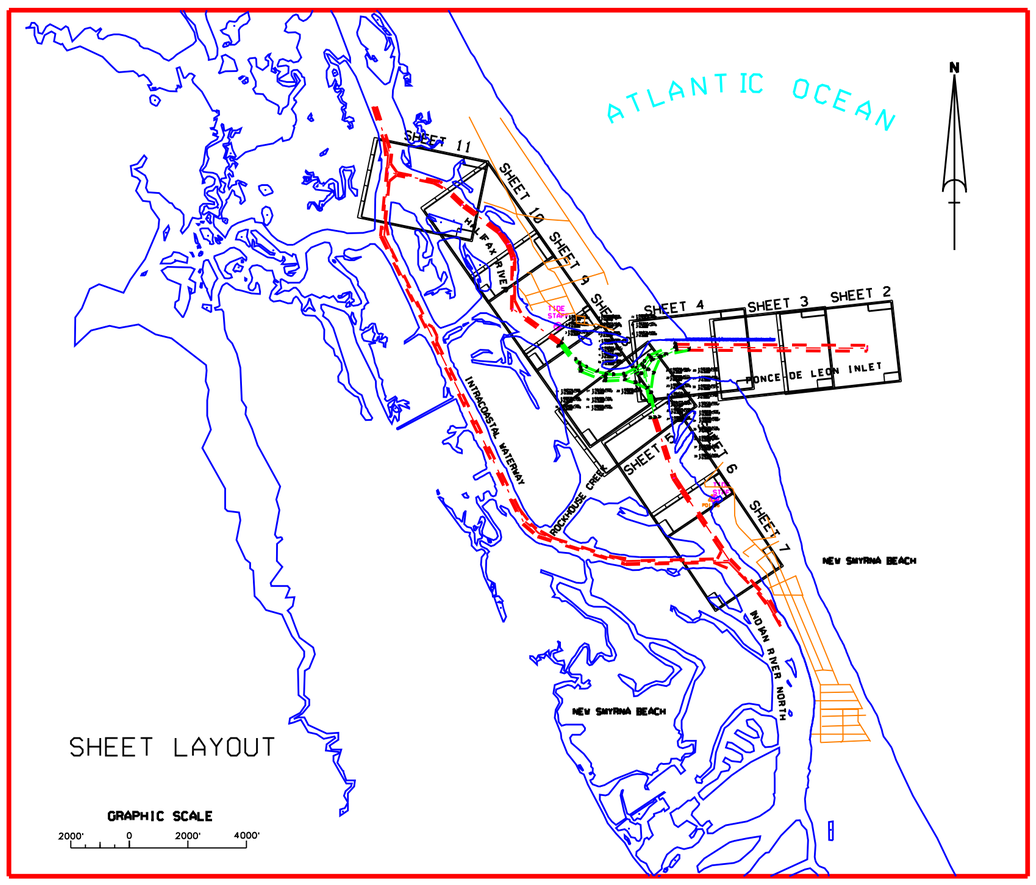
PONCE DE LEON INLET, FL
PROJECT CONDITION SURVEY



LOCATION MAP



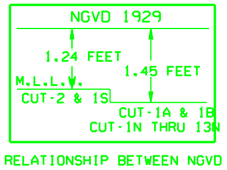
SHEET LAYOUT

SURVEY NOTES:

1. REFER TO SURVEY NO. 06-069.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER. REFER TO TABLE SHOWN FOR DIFFERENCES BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE REFERENCE PLANE UNLESS PRECEDED BY A (-) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM A STAFF SET ON A DOCK PILING AT THE U.S. COAST GUARD STATION IN THE VICINITY OF AND REFERENCED FROM BENCHMARK "PDI-26".
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1927 (NAD27).
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 ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

VESSEL	DATE OF SURVEY	CUT
WB-34	28 FEB - 03 MAR 2006	CUTS 1A-3A, 1S-3S, 3N-13N

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. 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.



RELATIONSHIP BETWEEN NGVD 1929 AND NOAA MEAN LOWER LOW WATER (1960 -1978 EPOCH)

BENCHMARK	NGVD ELEV. (FT)
PDI-26	4.69

LEGEND	
BM	BENCHMARK
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	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: 1X1X1
Designed by: RWH
Dwn by: STW
Ckd by: STW
Dated: MAR 2006
D.O. FILE NO.

File name: 06-069PDILOCH
Reference files: 3000RGB.OCH
3DTINDX_NEW.DGN
NEWFLMAP.DGN
FLMAS.DGN
PDICEOLNEW-BLOCK

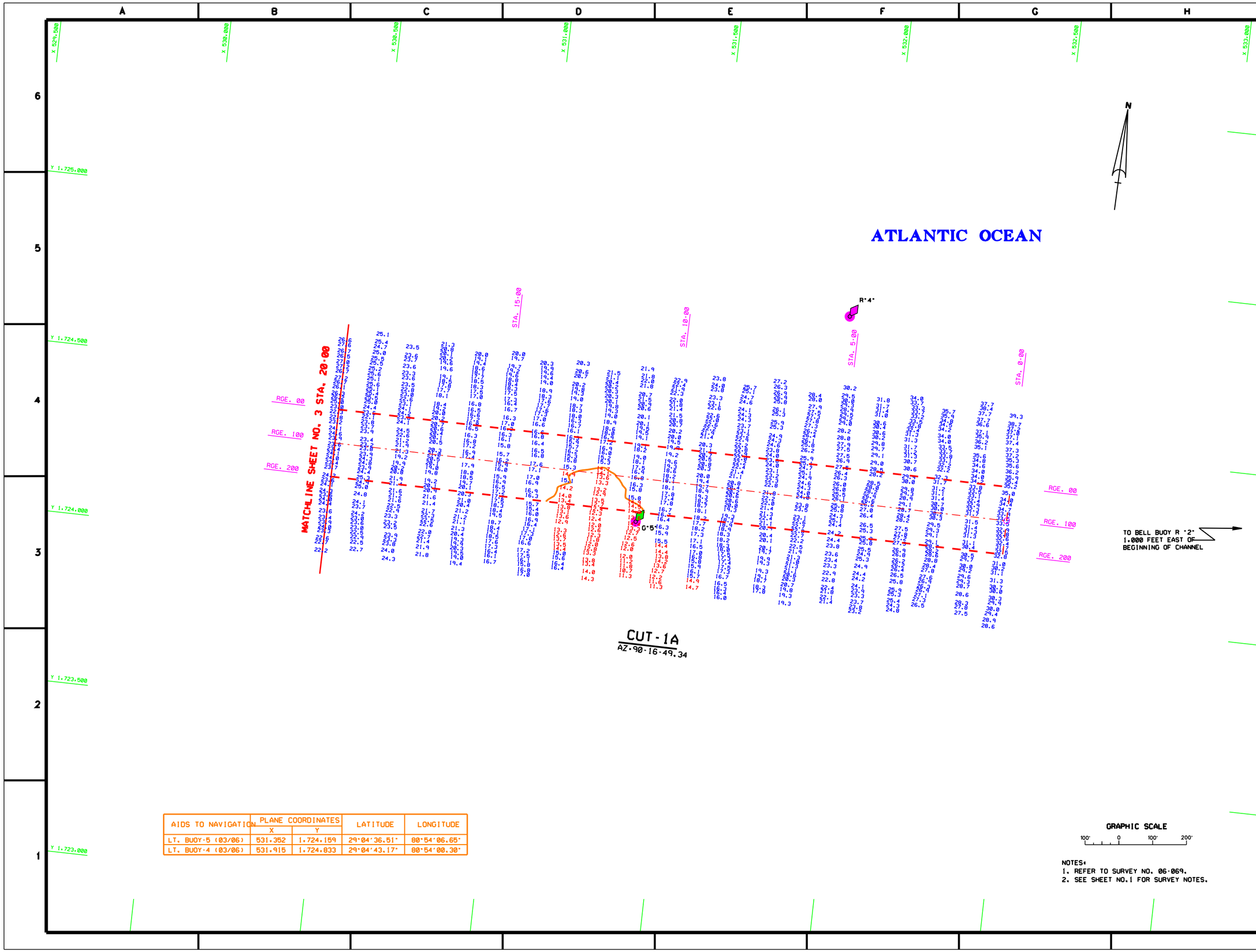
PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

PROJECT CONDITION SURVEY
7, 12 AND 15-FOOT PROJECT

COVER, LOCATION MAP, AND SHEET INDEX PLAN

DRAWING NO.
1/12

SHEET 1 of 12



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5 (03/06)	531.352	1,724.159	29°04'36.51"	80°54'06.65"
LT. BUOY-4 (03/06)	531.915	1,724.833	29°04'43.17"	80°54'00.30"

NOTES:
1. REFER TO SURVEY NO. 06-069.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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

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

Designed by: BRG
Dwn by: BRG
Ckd by: BRG

Dates: MAR 2006
D.O. FILE NO.

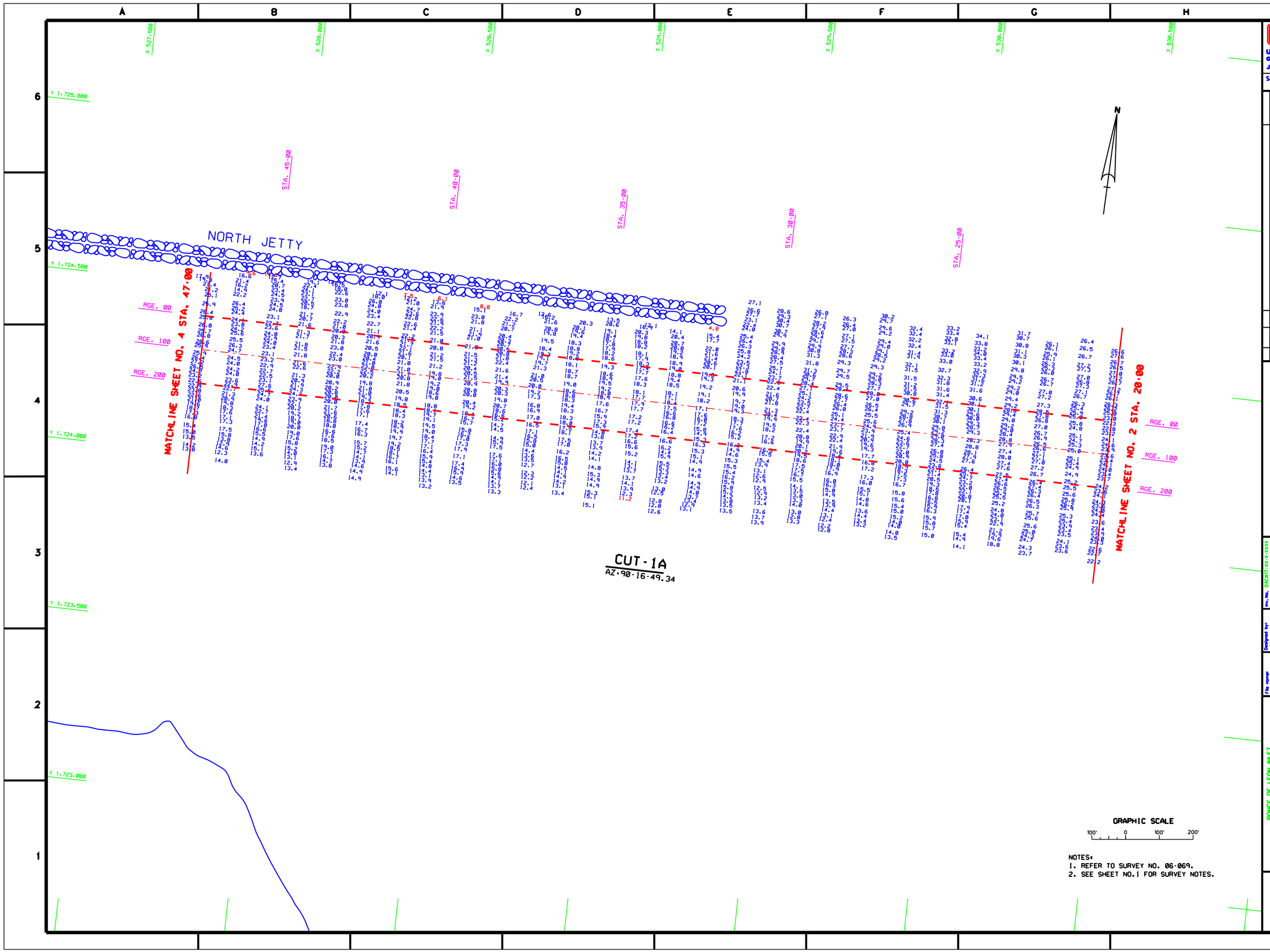
File name: 06-069SH02.DGN
Reference files: BROPSB.DGN, PONCDE-ALL-BASE.DGN, 06-069CHA.DGN, 06-069NAV.DGN, CONTS.DGN

PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

PROJECT CONDITION SURVEY
7, 12 AND 15-FOOT PROJECT
STA.0+00 THRU STA.20+00 CUT-1A
PLAN

DRAWING NO.
2/12

SHEET 2 OF 12



NOTES:
1. REFER TO SURVEY NO. 06-069.
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: WMJ
Dwn by: WMJ
Ckd by: WMJ

Dated: MAR 2006
D.O. FILE NO.

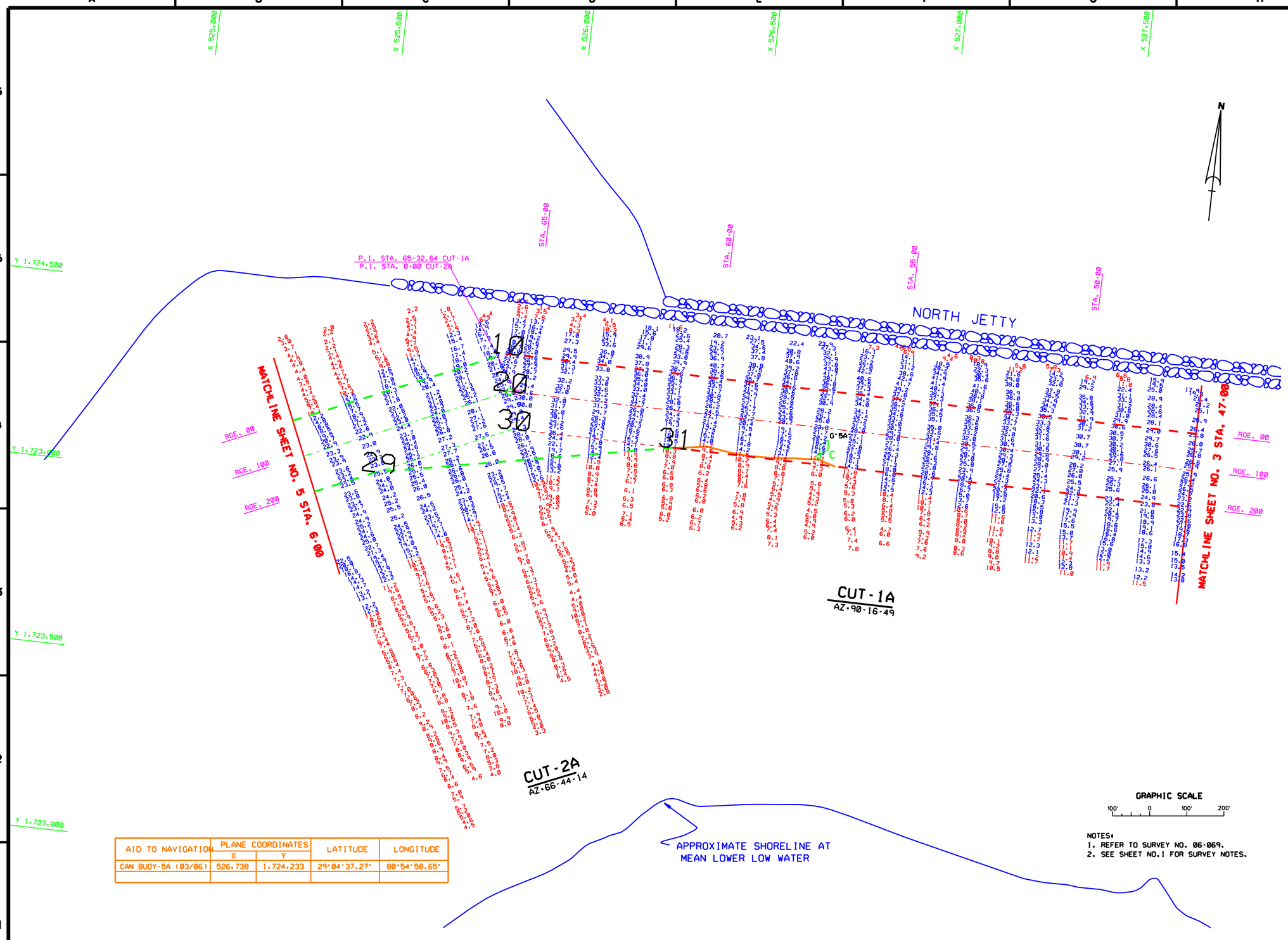
File name: 06-069SHG3.DGN
Reference files: 06069B.DGN, PONCEDELEON-03.DGN, 06-069C1A.DGN, PLAN3.DGN

PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

PROJECT CONDITION SURVEY
7, 12 AND 15-FOOT PROJECT
STA.20+00 THRU STA.47+00 CUT-1A
PLAN

DRAWING NO.
3/12

SHEET 3 OF 12



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
CAN BUOY-5A (03/06)	526,738	1,724,233	29°04'37.27"	80°54'58.65"

NOTES:
1. REFER TO SURVEY NO. 06-069.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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

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

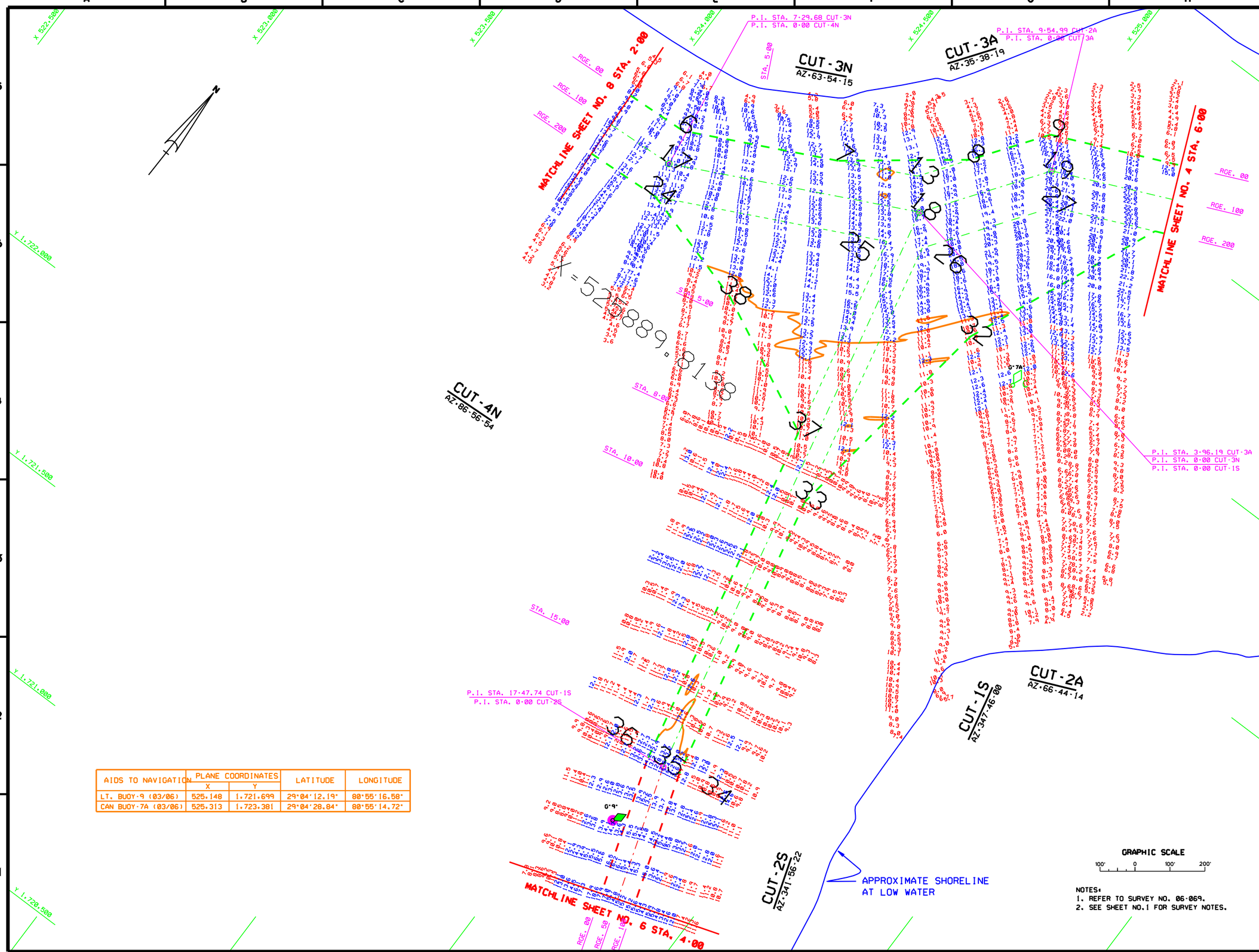
Designed by: WRG
Dwn by: WRG
Ckd by: WRG
Date: MAR 2006
D.O.F.FILE NO.

File name: 06-069SH04.DGN
Reference files: 06069SH1.DGN, 06069SH2.DGN, 06-069SH3.DGN, 06-069C2.DGN, 06-069NAV.DGN, PLANS.DGN, CONE2.DGN

PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA
PROJECT CONDITION SURVEY
7, 12 AND 15-FOOT PROJECT
STA.47+00 CUT-1A THRU STA.5+00 CUT-5A
PLAN

DRAWING NO.
4/12

SHEET 4 OF 12



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-9 (03/06)	525,148	1,721,699	29°04'12.19"	80°55'16.58"
CAN BUOY-7A (03/06)	525,313	1,723,381	29°04'28.84"	80°55'14.72"

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
Pol date: XX XX XXXX
Pol scale: XXX

Designed by: (MU)
Dwn by: (MU)
Chk by: (MU)
Dated: MAR 2006
D.O. FILE NO.

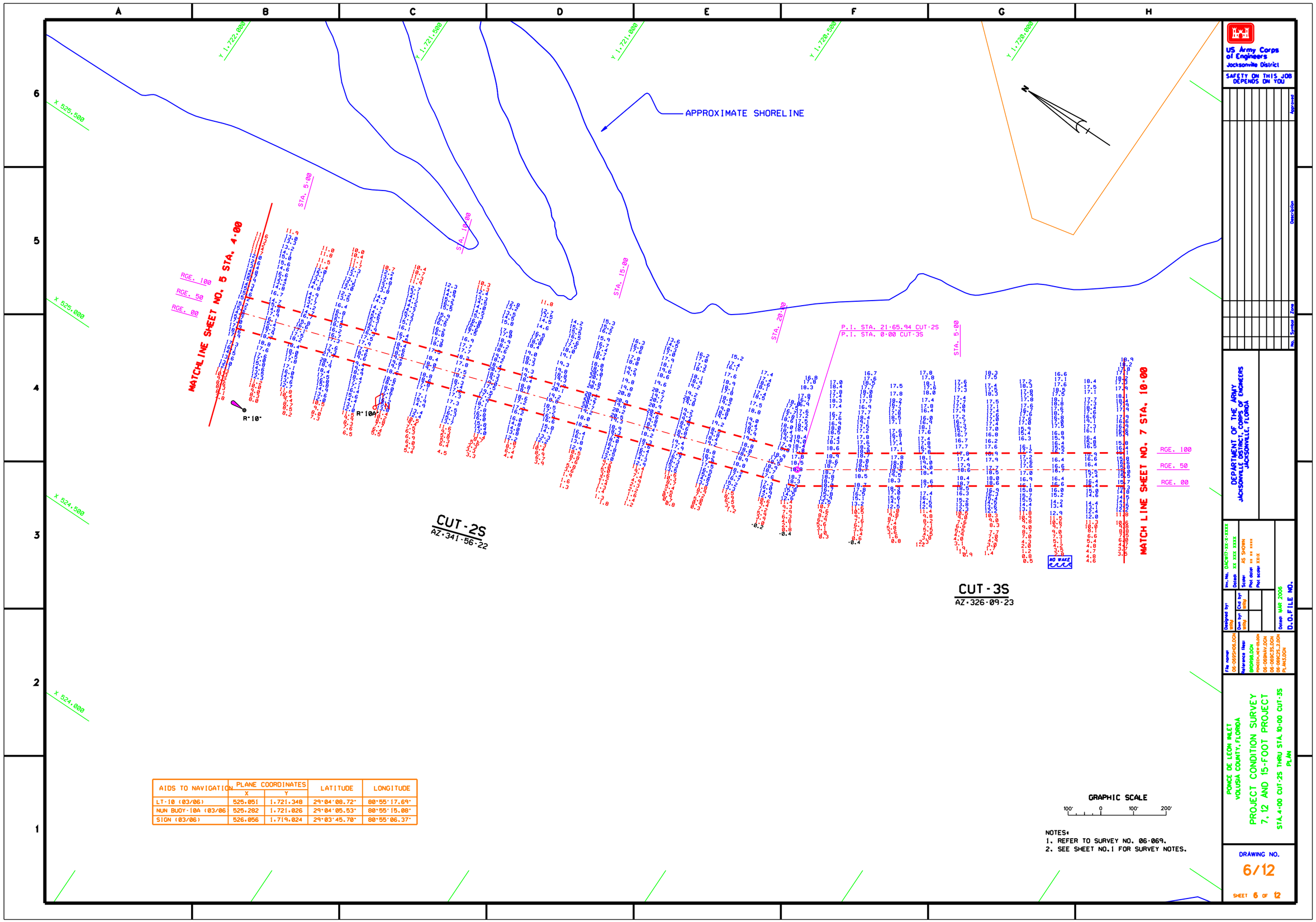
File name: 06-069sh05.DGN
Reference files: 8005MAS.DGN 06-069CAL.DGN 06-069CS.DGN 06-069CTL.DGN 06-069CTL1.DGN 06-069CTL2.DGN 06-069SUR.DGN 06-069TOP.DGN 06-069TOP1.DGN

PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

PROJECT CONDITION SURVEY
7, 12 AND 15-FOOT PROJECT
STA.6·00 CUT-2A THRU STA.2·00 CUT-4N &
STA.0·00 CUT-1S THRU STA.4·00 CUT-2S
PLAN

DRAWING NO.
5/12

SHEET 5 OF 12



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-10 (03/06)	525,051	1,721,348	29°04'08.72"	80°55'17.69"
NUN BUOY-10A (03/06	525,282	1,721,026	29°04'05.53"	80°55'15.08"
SIGN (03/06)	526,056	1,719,024	29°03'45.70"	80°55'06.37"

NOTES:
1. REFER TO SURVEY NO. 06-069.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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

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

Designed by: (RG)
Dwn by: (RG)
Chk by: (RG)

Dated: MAR 2006
D.O. FILE NO.

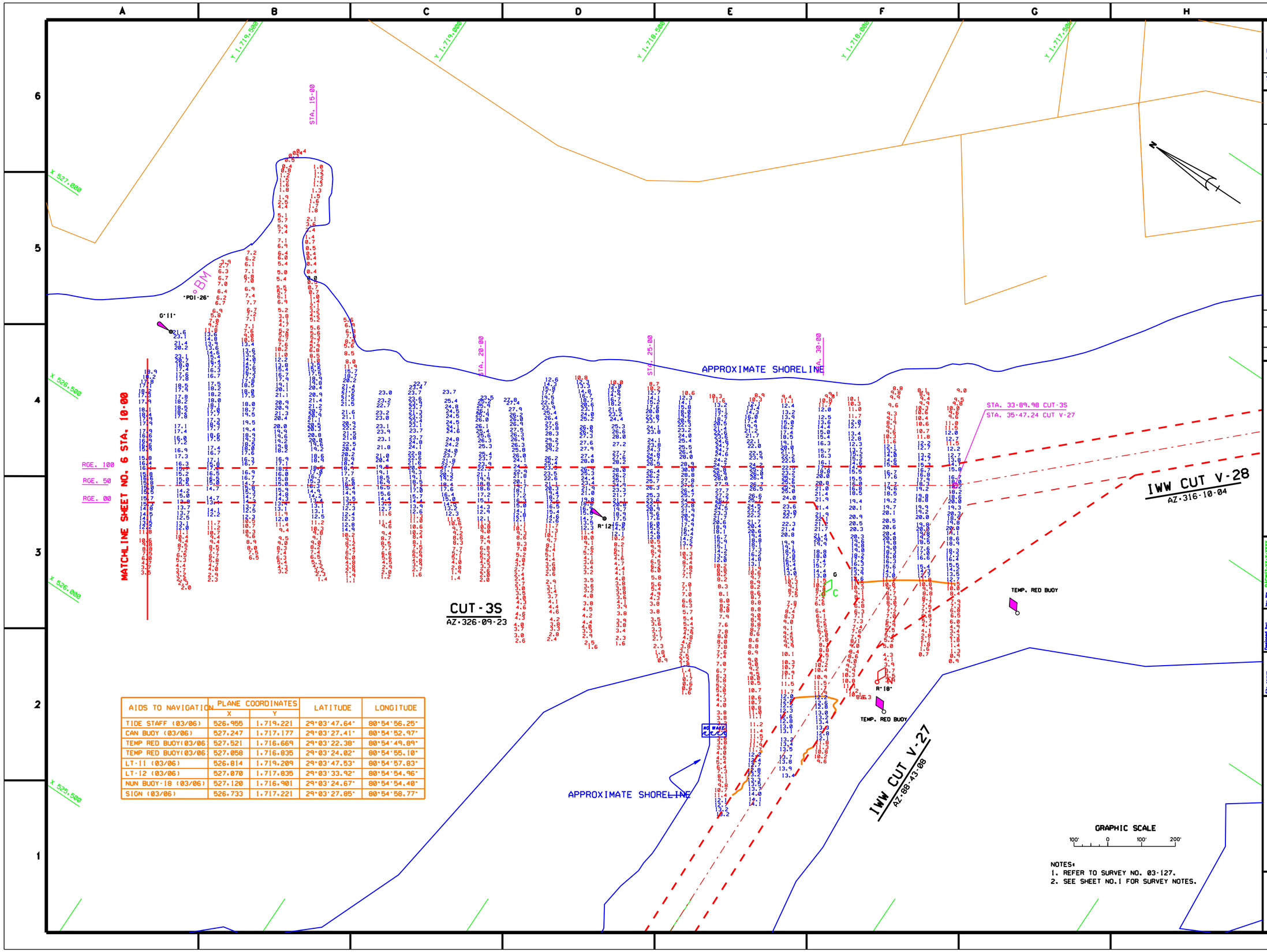
File name: 06-069SHEET.DGN
Reference files: BGORGIS.DGN
PONCEDELEON_MHW.DGN
06-069NAV.DGN
06-069CS5.DGN
06-069CS5_2.DGN
FLMAG.DGN

PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

PROJECT CONDITION SURVEY
7, 12 AND 15-FOOT PROJECT
STA. 4+00 CUT-2S THRU STA. 10+00 CUT-3S
PLAN

DRAWING NO.
6/12

SHEET 6 OF 12



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
TIDE STAFF (03/06)	526.955	1,719.221	29°03'47.64"	80°54'56.25"
CAN BUOY (03/06)	527.247	1,717.177	29°03'27.41"	80°54'52.97"
TEMP RED BUOY(03/06	527.521	1,716.669	29°03'22.38"	80°54'49.89"
TEMP RED BUOY(03/06	527.058	1,716.835	29°03'24.02"	80°54'55.10"
LT-11 (03/06)	526.814	1,719.209	29°03'47.53"	80°54'57.83"
LT-12 (03/06)	527.070	1,717.835	29°03'33.92"	80°54'54.96"
NUN BUOY-18 (03/06)	527.120	1,716.901	29°03'24.67"	80°54'54.40"
SIGN (03/06)	526.733	1,717.221	29°03'27.85"	80°54'58.77"

NOTES:
1. REFER TO SURVEY NO. 03-127.
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
Pay date: XX XX XXXX
Pay scale: XXX

Designed by: JRW
Dwn by: JRW
Chk by: JRW

Date: MAR 2006
D.O. FILE NO.

File name: E0275H07.DGN
E0275H07.DGN
E0276H07.DGN
E0276H07.DGN

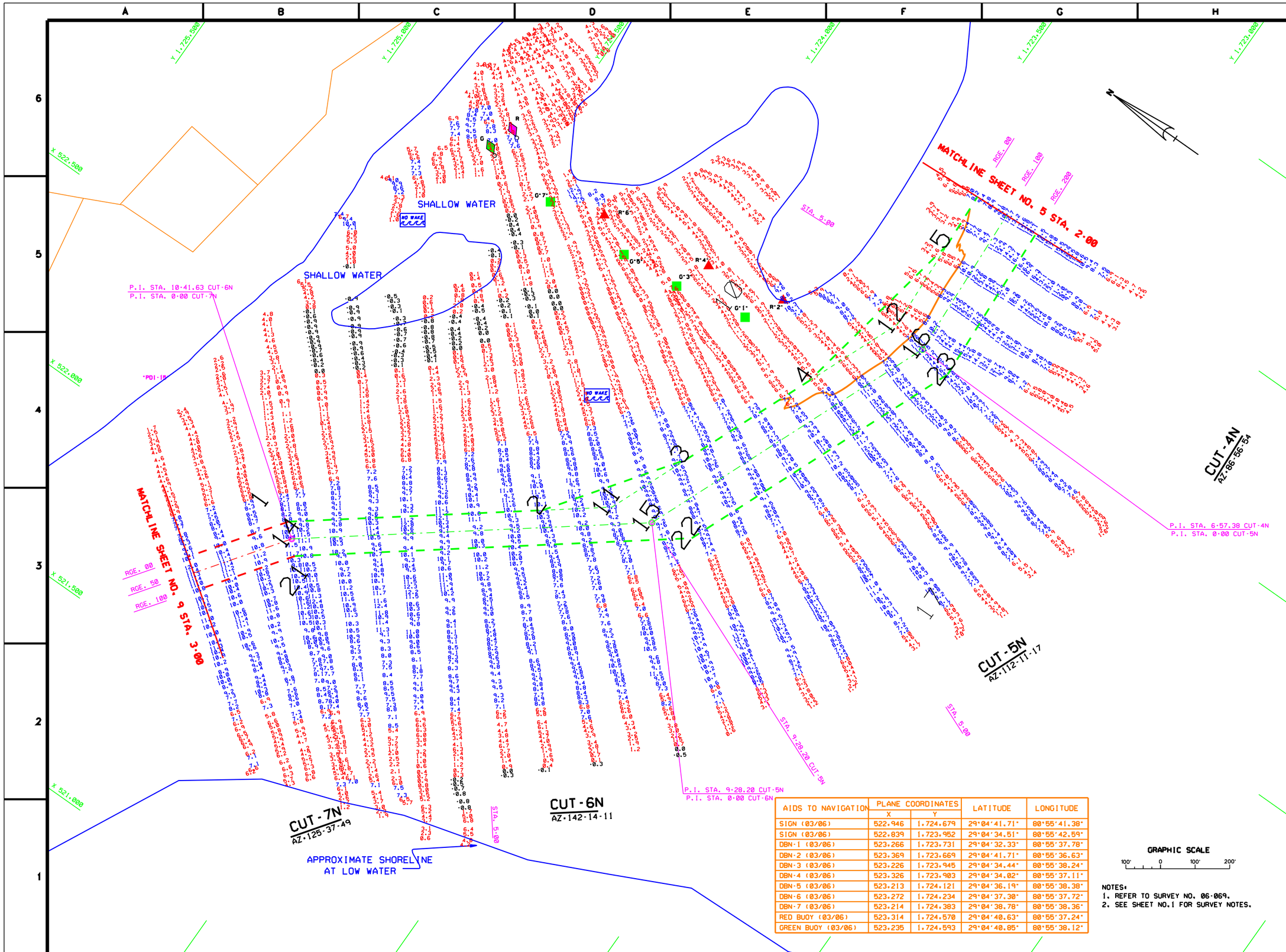
Reference files: BBORGN.DGN
PONCEDE_MSR-BLDG.DGN
PLAN3.DGN
E0275S.DGN
E0276AV.DGN

PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

PROJECT CONDITION SURVEY
7, 12 AND 15-FOOT PROJECT
STA. 10+00 THRU STA. 33+89.98 CUT-3S
PLAN

DRAWING NO.
7/12

SHEET 7 OF 12



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
SIGN (03/06)	522.946	1,724.679	29°04'41.71"	80°55'41.38"
SIGN (03/06)	522.839	1,723.952	29°04'34.51"	80°55'42.59"
DBN-1 (03/06)	523.266	1,723.731	29°04'32.33"	80°55'37.78"
DBN-2 (03/06)	523.369	1,723.669	29°04'41.71"	80°55'36.63"
DBN-3 (03/06)	523.226	1,723.945	29°04'34.44"	80°55'38.24"
DBN-4 (03/06)	523.326	1,723.903	29°04'34.02"	80°55'37.11"
DBN-5 (03/06)	523.213	1,724.121	29°04'36.19"	80°55'38.38"
DBN-6 (03/06)	523.272	1,724.234	29°04'37.30"	80°55'37.72"
DBN-7 (03/06)	523.214	1,724.383	29°04'38.78"	80°55'38.36"
RED BUOY (03/06)	523.314	1,724.570	29°04'40.63"	80°55'37.24"
GREEN BUOY (03/06)	523.235	1,724.593	29°04'40.85"	80°55'38.12"

NOTES:
1. REFER TO SURVEY NO. 06-069.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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

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

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

Date: MAR 2005
D.O. FILE NO.

File name: 06-069SHOR.DGN
Reference files: 060069.DGN
PONCE-DE-LEON-BLOCK.DGN
06-069CAL.DGN
06-069CAL.DGN
06-069CN.DGN
06-069CN.DGN
06-069CN.DGN
CONT.DGN

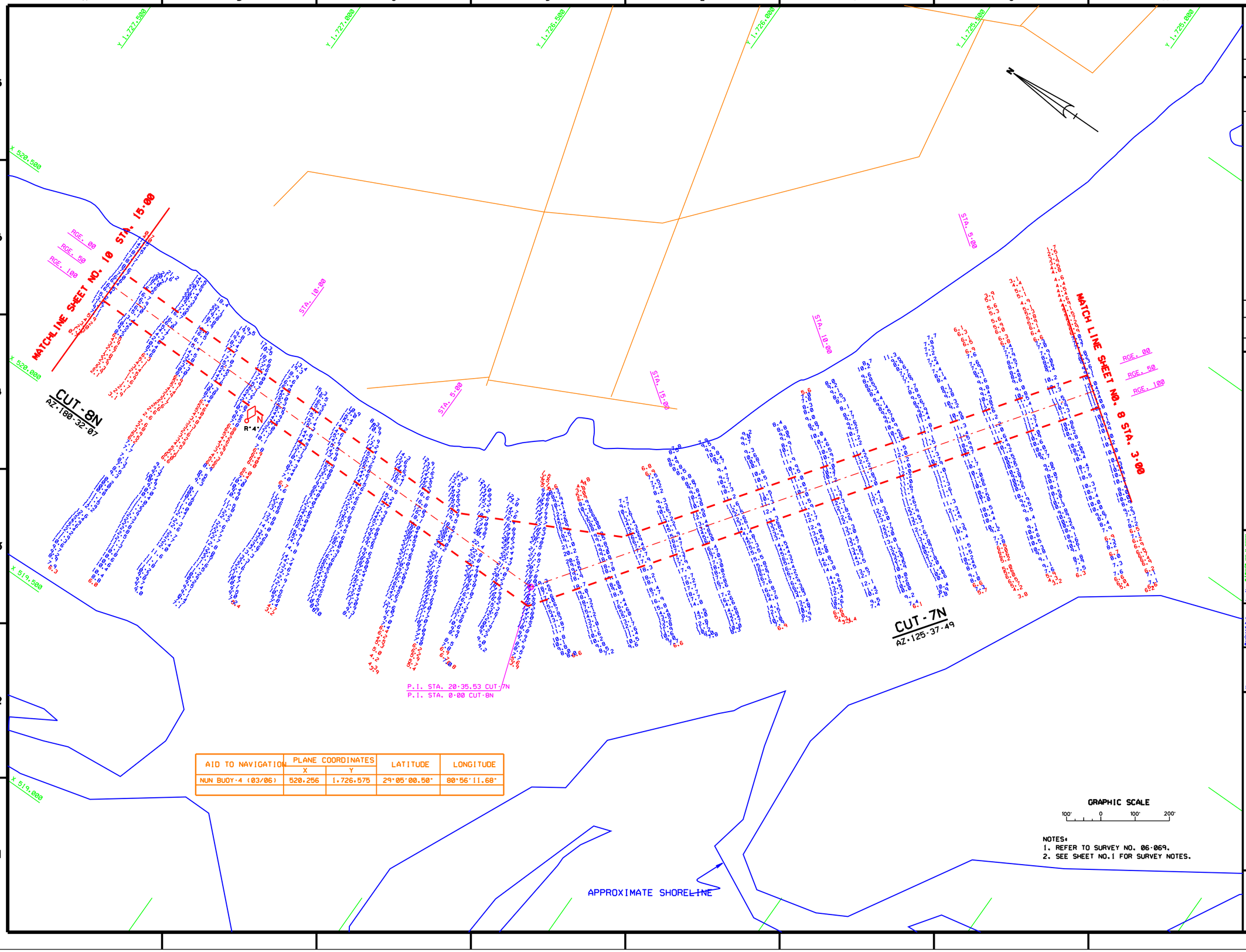
PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

PROJECT CONDITION SURVEY
7, 12 AND 15-FOOT PROJECT

STA. 1+00 CUT-5N THRU STA. 5+00 CUT-7N
PLAN

DRAWING NO.
8/12

SHEET 8 OF 12



AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
NUN BUOY-4 (03/06)	520.256	1.726.575	29°05'00.50"	80°56'11.68"

NOTES:
1. REFER TO SURVEY NO. 06-069.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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

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

Designed by: RMJ
Dwn by: RMJ
Ckd by: RMJ
Date: MAR 2006
D.O.FILE NO.

File name: 06-069SHEET09.DGN
Reference files: BEOPSB.DGN
PONCEDELEON-15.DGN
PLANS.DGN
06-069CTN.DGN
06-069CBN.DGN
06-069NAV.DGN

PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

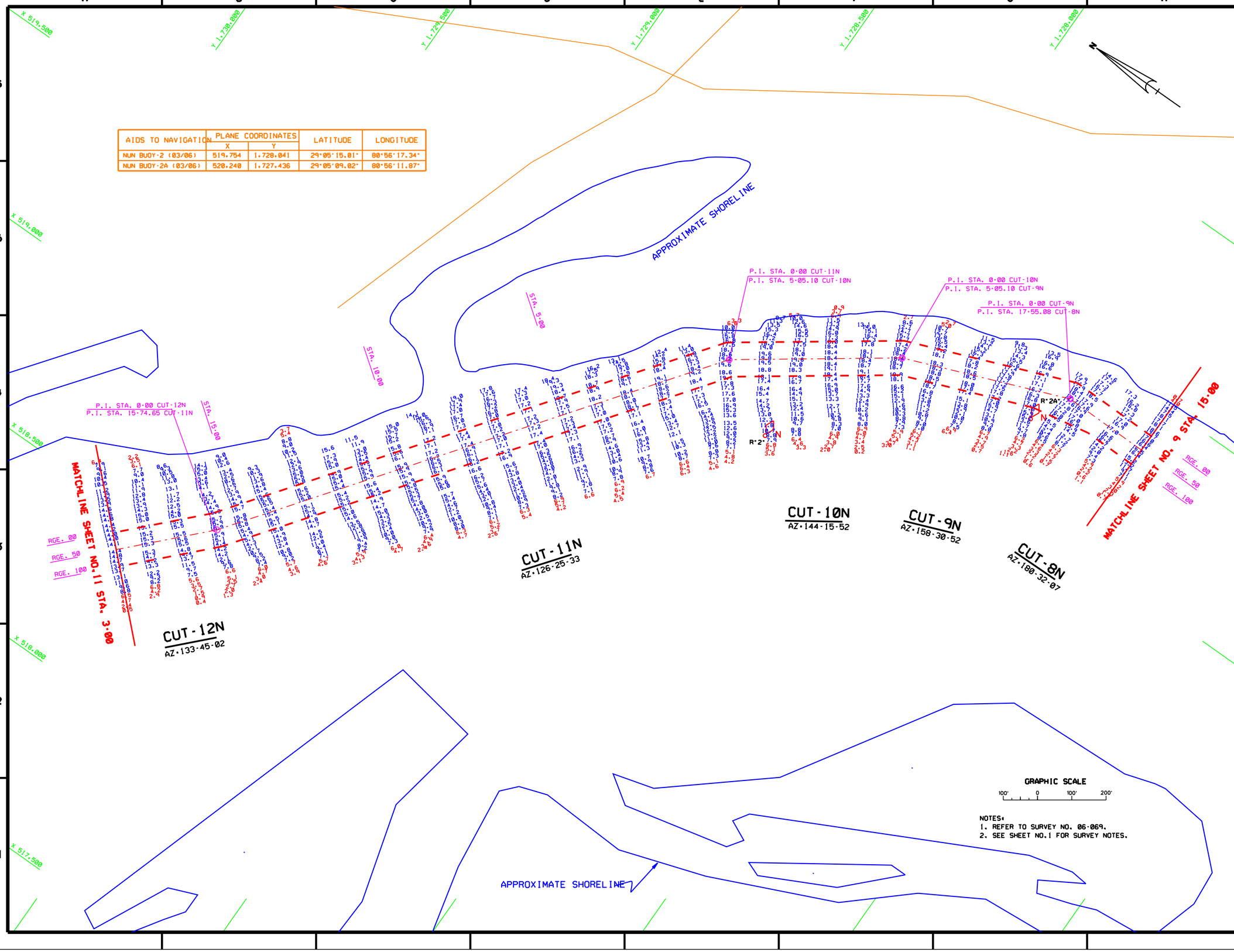
PROJECT CONDITION SURVEY
7, 12 AND 15-FOOT PROJECT

STA.3+00 CUT-7N THRU STA.15+00 CUT-8N
PLAN

DRAWING NO.
9/12

SHEET 9 OF 12

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
NUN BUOY-2 (03/06)	519.754	1.728.041	29°05'15.01"	80°56'17.34"
NUN BUOY-2A (03/06)	520.240	1.727.436	29°05'09.02"	80°56'11.87"



NOTES:
1. REFER TO SURVEY NO. 06-069.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

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

Inv. No. DACW17-99-0-0015
Dsgnd:
Scale: AS SHOWN
Plot date
Plot scale

Designed by: RDH
Dwn by: RDH
Ckd by: RDH

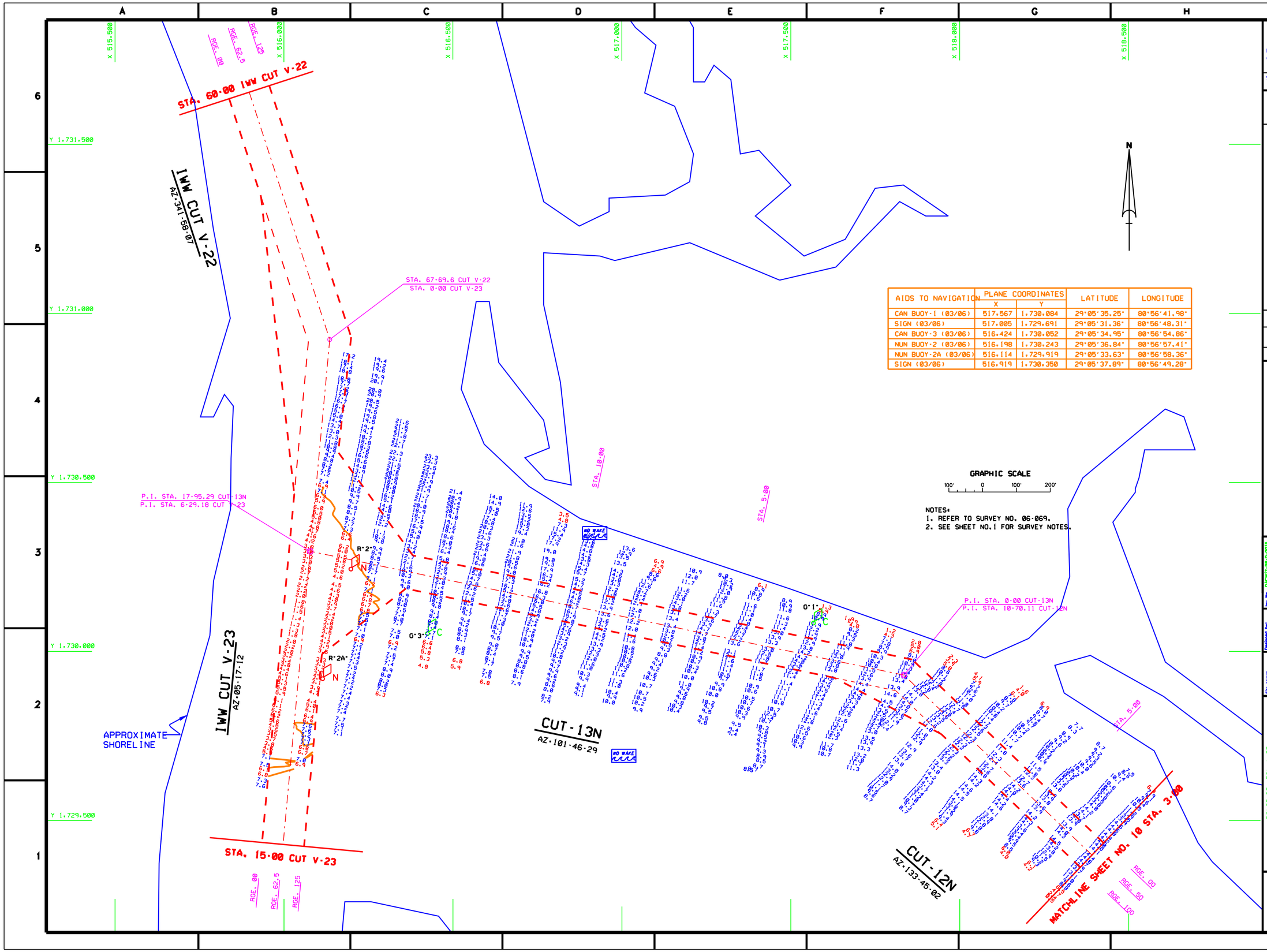
Dated: MAR 2006
D.O. FILE NO.

File name: 06-069SHI0.DGN
Reference files: BRIDGE.DGN
PORCEDELEON-10.DGN
06-069SHI1.DGN
06-069SHI2.DGN
06-069SHI3.DGN
06-069SHI4.DGN
06-069AN.DGN

PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

PROJECT CONDITION SURVEY
7, 12, AND 15-FOOT PROJECT
STA.15-00 CUT-8N THRU STA.3-00 CUT-13N
PLAN

DRAWING NO.
10/12
SHEET 10 OF 12



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
CAN BUOY-1 (03/06)	517,567	1,730,084	29°05'35.25"	80°56'41.98"
SIGN (03/06)	517,005	1,729,691	29°05'31.36"	80°56'48.31"
CAN BUOY-3 (03/06)	516,424	1,730,052	29°05'34.95"	80°56'54.86"
NUN BUOY-2 (03/06)	516,198	1,730,243	29°05'36.84"	80°56'57.41"
NUN BUOY-2A (03/06)	516,114	1,729,919	29°05'33.63"	80°56'58.36"
SIGN (03/06)	516,919	1,730,350	29°05'37.89"	80°56'49.28"

NOTES:
1. REFER TO SURVEY NO. 06-069.
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. DACW17-98-D-0013
Dates
Scale: AS SHOWN
Plot date
Plot scale

Designed by: RMH
Dwn by: TRW
Ckd by: TRW

Date: MAR 2006
D.O. FILE NO.

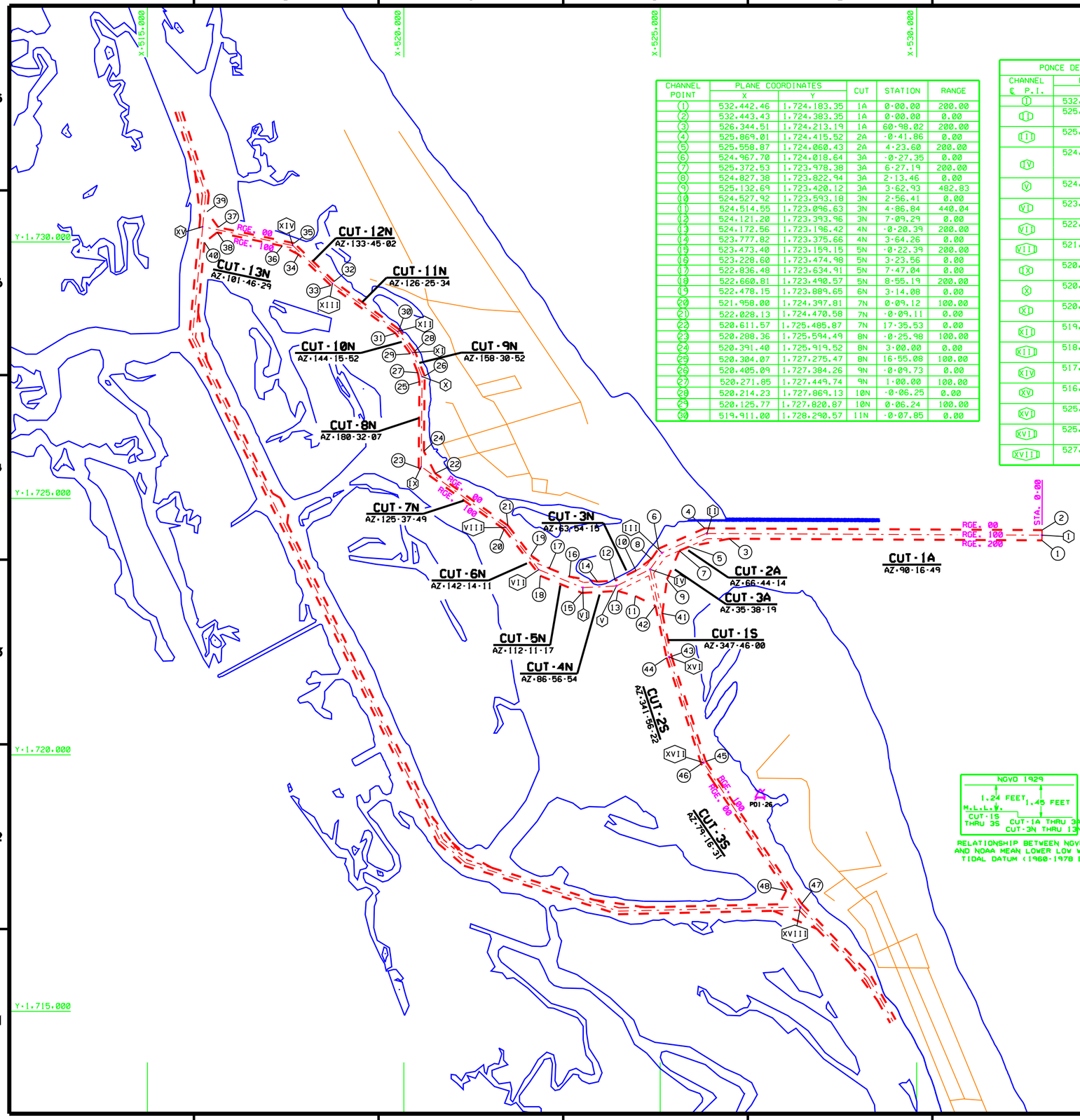
File name: 06-069SHLOCH
Reference files: BROWSE.LOCH, 06-069CHLOCH, 06-069CSLOCH, BE-NEBULA.LOCH, FLAG-NEBULA.LOCH, POND.LOCH, CONT.LOCH

PONCE DE LEON INLET
VOLUSIA COUNTY, FLORIDA

PROJECT CONDITION SURVEY
7, 12, AND 15-FOOT PROJECT
STA. 3+00 CUT-12N THRU STA. 17+95.29 CUT-13N
PLAN

DRAWING NO.
11/12

SHEET 11 OF 12



CHANNEL POINT	PLANE COORDINATES X	PLANE COORDINATES Y	CUT	STATION	RANGE
1	532,442.46	1,724,183.35	1A	0+00.00	200.00
2	532,443.43	1,724,383.35	1A	0+00.00	0.00
3	526,344.51	1,724,213.19	1A	60+98.02	200.00
4	525,869.01	1,724,415.52	2A	-0+41.86	0.00
5	525,558.87	1,724,060.43	2A	4+23.60	200.00
6	524,967.70	1,724,018.64	3A	-0+27.35	0.00
7	525,372.53	1,723,978.38	3A	6+27.19	200.00
8	524,827.38	1,723,822.94	3A	2+13.46	0.00
9	525,132.69	1,723,420.12	3A	3+62.93	482.83
10	524,527.92	1,723,593.18	3N	2+56.41	0.00
11	524,514.55	1,723,096.63	3N	4+86.84	440.04
12	524,121.20	1,723,393.96	3N	7+09.29	0.00
13	524,172.56	1,723,196.42	4N	-0+20.39	200.00
14	523,777.82	1,723,375.66	4N	3+64.26	0.00
15	523,473.40	1,723,159.15	5N	-0+22.39	200.00
16	523,228.60	1,723,474.98	5N	3+23.56	0.00
17	522,836.48	1,723,634.91	5N	7+47.04	0.00
18	522,660.81	1,723,490.57	5N	8+55.19	200.00
19	522,478.15	1,723,889.65	6N	3+14.08	0.00
20	521,958.00	1,724,397.81	7N	0+09.12	100.00
21	522,028.13	1,724,470.58	7N	-0+09.11	0.00
22	520,611.57	1,725,485.87	7N	17+35.53	0.00
23	520,288.36	1,725,594.49	8N	-0+25.98	100.00
24	520,391.40	1,725,919.52	8N	3+00.00	0.00
25	520,304.07	1,727,275.47	8N	16+55.08	100.00
26	520,405.09	1,727,384.26	9N	-0+09.73	0.00
27	520,271.85	1,727,449.74	9N	1+00.00	100.00
28	520,214.23	1,727,869.13	10N	-0+06.25	0.00
29	520,125.77	1,727,820.87	10N	0+06.24	100.00
30	519,911.00	1,728,290.57	11N	-0+07.85	0.00

PONCE DE LEON INLET - CHANNEL ALIGNMENT CONTROL

CHANNEL ℄ P.I.	PLANE COORDINATES X	PLANE COORDINATES Y	CUT	STATION	RANGE
I	532,442.95	1,724,283.35	1A	0+00.00	100.00
II	525,889.81	1,724,315.42	1A	65+32.64	100.00
			2A	0+00.00	100.00
III	525,033.03	1,723,938.15	2A	9+54.99	100.00
			3A	0+00.00	100.00
IV	524,802.18	1,723,616.16	3A	3+96.19	100.00
			3N	0+00.00	100.00
			1S	0+00.00	50.00
V	524,146.88	1,723,295.19	3N	7+29.68	100.00
			4N	0+00.00	100.00
VI	523,490.44	1,723,260.20	4N	6+57.38	100.00
			5N	0+00.00	100.00
VII	522,630.97	1,723,610.73	5N	9+28.20	100.00
			6N	0+00.00	50.00
VIII	521,993.07	1,724,434.19	6N	10+41.63	50.00
			7N	0+00.00	50.00
IX	520,338.60	1,725,620.00	7N	20+35.53	50.00
			8N	0+00.00	50.00
X	520,355.00	1,727,375.00	8N	17+55.08	50.00
			9N	0+00.00	50.00
XI	520,170.00	1,727,845.00	9N	5+05.10	50.00
			10N	0+00.00	50.00
XII	519,875.00	1,728,255.00	10N	5+05.10	50.00
			11N	0+00.00	50.00
XIII	518,608.00	1,729,190.00	11N	15+74.65	50.00
			12N	0+00.00	50.00
XIV	517,835.00	1,729,930.00	12N	10+70.11	50.00
			13N	0+00.00	50.00
XV	516,077.49	1,730,296.35	13N	17+95.29	50.00
			V-23	6+29.19	62.50
XVI	525,172.51	1,721,908.10	1S	17+47.74	50.00
			2S	0+00.00	50.00
XVII	525,844.00	1,719,848.88	2S	21+65.94	50.00
			3S	0+00.00	50.00
XVIII	527,731.97	1,717,033.30	3S	33+89.98	50.00
			V-27	35+47.24	62.50

CHANNEL POINT	PLANE COORDINATES X	PLANE COORDINATES Y	CUT	STATION	RANGE
31	519,839.00	1,728,219.43	11N	0+07.85	100.00
32	518,640.27	1,729,228.33	12N	0+03.20	0.00
33	518,575.73	1,729,151.67	12N	-0+03.20	100.00
34	517,944.90	1,729,755.58	12N	8+70.11	100.00
35	517,859.23	1,729,976.03	13N	-0+14.33	0.00
36	517,629.01	1,729,921.86	13N	1+99.99	100.00
37	516,381.38	1,730,284.08	13N	14+95.29	0.00
38	516,360.97	1,730,186.18	13N	14+95.29	100.00
39	516,160.37	1,730,589.37	13N	17+73.94	-253.77
40	516,112.08	1,729,991.87	13N	16+99.29	341.02
41	525,039.40	1,722,758.00	1S	8+88.94	100.00
42	524,905.14	1,722,905.31	1S	7+16.52	0.00
43	525,220.84	1,721,921.19	2S	-0+02.54	100.00
44	525,124.19	1,721,895.02	2S	0+02.54	0.00
45	525,889.38	1,719,870.99	3S	0+06.91	100.00
46	525,798.61	1,719,826.80	3S	-0+06.93	0.00
47	527,758.04	1,717,096.39	3S	33+52.09	100.00
48	527,457.45	1,717,352.92	3S	29+71.63	0.00

NGVD 1929
1.24 FEET M.L.L.W. — CUT-1S THRU 3S
1.45 FEET — CUT-1A THRU 3A, CUT-3N THRU 13N

RELATIONSHIP BETWEEN NGVD 1929 AND NOAA MEAN LOWER LOW WATER TIDAL DATUM (1960-1978 EPOCH)

BENCHMARK	NGVD ELEV. (FT)	PLANE COORDINATES X	PLANE COORDINATES Y
PDI-26	4.69	526,948.26	1,719,221.46
PDI-15	5.58		
B-24	12.67		

NOTES:

1. ALL ELEVATIONS ARE IN FEET AND TENTHS AND ARE REFERENCED TO N.G.V.D. 1929 (NATIONAL GEODETIC VERTICAL DATUM OF 1929).
2. COORDINATES ARE BASED ON THE STANDARD PLANE RECTANGULAR COORDINATE SYSTEM FOR THE EAST ZONE OF FLORIDA AND ARE REFERENCED TO NAD 1927.
3. ALL AZIMUTHS (0-SOUTH) ARE GRID AZIMUTHS.
4. ALL STATIONING REFERS TO THE CENTERLINE OF CHANNEL.

GRAPHIC SCALE
800' 0 800' 1600'

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

Approved | Description | Date | Sym | Zone

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: WMG
Dwn by: WMG
Ckd by: WMG

Dated: MAR 2006
D.O.FILE NO. XXX-XX-XXX

File name: 06-069SHIQ.DGN
Reference files: BROWSE.DGN

PONCE DE LEON INLET, FLORIDA
PROJECT CONDITION SURVEY
12-FOOT PROJECT
CONTROL SHEET
PLAN

DRAWING NO.
12/12

SHEET 12 OF 12