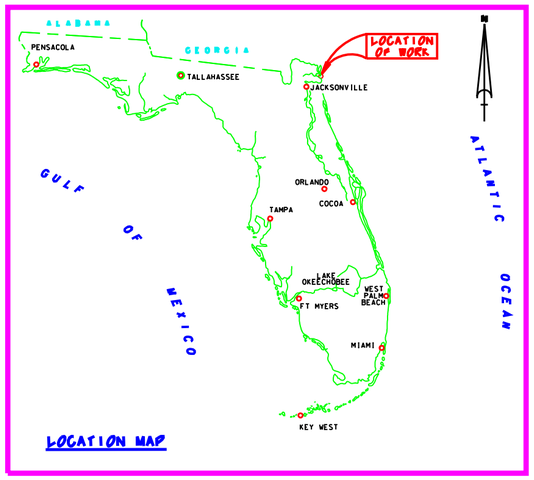
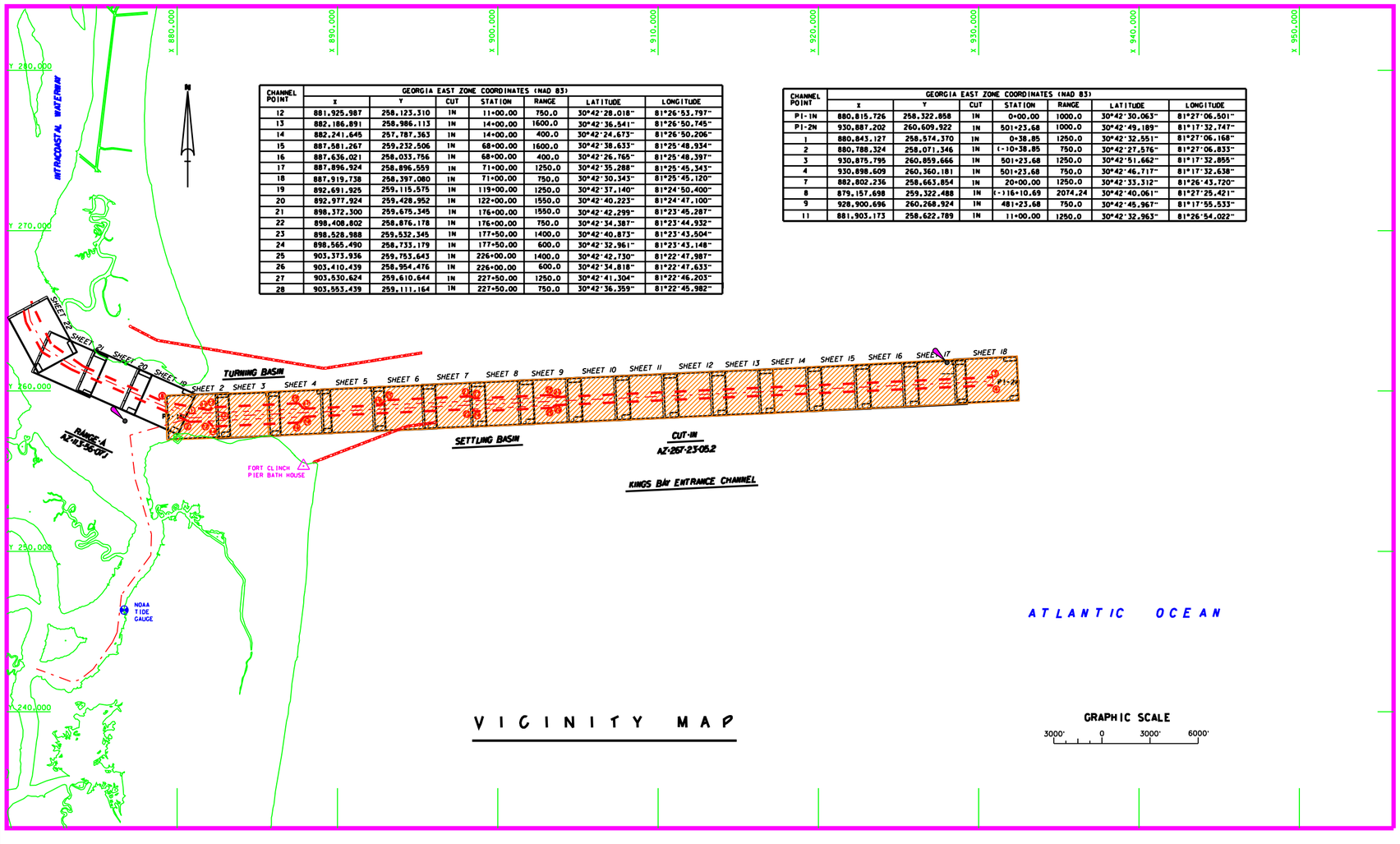
KINGS BAY ENTRANCE CHANNEL
2nd QUARTER FY08
PROJECT CONDITION SURVEY

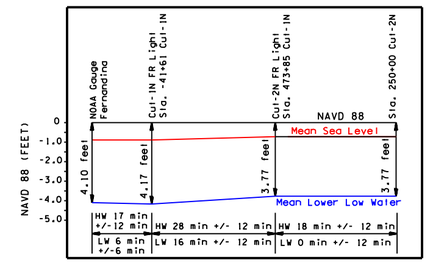




VICINITY MAP

CHANNEL POINT	GEORGIA EAST ZONE COORDINATES (NAD 83)						
	X	Y	CUT	STATION	RANGE	LATITUDE	LONGITUDE
12	881,925.987	258,123.310	IN	11+00.00	750.0	30°42'28.018"	81°26'53.797"
13	882,186.891	258,986.113	IN	14+00.00	1600.0	30°42'36.541"	81°26'50.745"
14	882,241.645	257,787.363	IN	14+00.00	400.0	30°42'24.673"	81°26'50.206"
15	887,581.267	259,232.506	IN	68+00.00	1600.0	30°42'38.633"	81°25'48.934"
16	887,636.021	258,033.756	IN	68+00.00	400.0	30°42'26.765"	81°25'48.397"
17	887,896.924	258,896.559	IN	71+00.00	1250.0	30°42'35.288"	81°25'45.343"
18	887,919.738	258,397.080	IN	71+00.00	750.0	30°42'30.343"	81°25'45.120"
19	892,691.925	259,115.575	IN	119+00.00	1250.0	30°42'37.140"	81°24'50.400"
20	892,977.924	259,428.952	IN	122+00.00	1550.0	30°42'40.223"	81°24'47.100"
21	898,372.300	259,675.345	IN	176+00.00	1550.0	30°42'42.299"	81°23'45.287"
22	898,408.802	258,876.178	IN	176+00.00	750.0	30°42'34.387"	81°23'44.932"
23	898,528.988	259,532.345	IN	177+50.00	1400.0	30°42'40.873"	81°23'43.504"
24	898,565.490	258,733.179	IN	177+50.00	600.0	30°42'32.961"	81°23'43.148"
25	903,373.936	259,753.643	IN	226+00.00	1400.0	30°42'42.730"	81°22'47.987"
26	903,410.439	258,954.476	IN	226+00.00	600.0	30°42'34.818"	81°22'47.633"
27	903,530.624	259,610.644	IN	227+50.00	1250.0	30°42'41.304"	81°22'46.203"
28	903,553.439	259,111.164	IN	227+50.00	750.0	30°42'36.359"	81°22'45.982"

CHANNEL POINT	GEORGIA EAST ZONE COORDINATES (NAD 83)						
	X	Y	CUT	STATION	RANGE	LATITUDE	LONGITUDE
PI-1N	880,815.726	258,322.858	IN	0+00.00	1000.0	30°42'30.063"	81°27'06.501"
PI-2N	930,887.202	260,609.922	IN	501+23.68	1000.0	30°42'49.189"	81°17'32.747"
1	880,843.127	258,574.370	IN	0+38.85	1250.0	30°42'32.551"	81°27'06.168"
2	880,788.324	258,071.346	IN	(-)0+38.85	750.0	30°42'27.576"	81°27'06.833"
3	930,875.795	260,859.666	IN	501+23.68	1250.0	30°42'51.662"	81°17'32.855"
4	930,898.609	260,360.181	IN	501+23.68	750.0	30°42'46.717"	81°17'32.638"
7	882,802.236	258,663.854	IN	20+00.00	1250.0	30°42'33.312"	81°26'43.720"
8	879,157.698	259,322.488	IN	(-)16+10.69	2074.24	30°42'40.061"	81°27'25.421"
9	928,900.696	260,268.924	IN	481+23.68	750.0	30°42'45.967"	81°17'55.533"
11	881,903.173	258,622.789	IN	11+00.00	1250.0	30°42'32.963"	81°26'54.022"



TIDAL DATUM DIAGRAM
KINGS BAY ENTRANCE CHANNEL

SURVEY NOTES:

1. REFER TO SURVEY NO. 08-087. THIS SURVEY IS A COMPILATION AND ALSO INCLUDES DATA FROM SURVEYS 08-061 AND 08-068.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW). REFER TO TABLE SHOWN FOR DIFFERENCES FROM THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE OBTAINED DIRECTLY BY COASTAL OCEANOGRAPHIC'S "HYPACK" SOFTWARE, USING RTK GPS FOR REAL-TIME WATER LEVELS.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF GEORGIA 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 REAL-TIME KINEMATICS GPS FOR POSITIONING WITH THE REFERENCE SITE AT "BATH HOUSE". VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.

VESSEL	DATE OF SURVEY	CUT
DOWNS	11-22 FEB 2008	CUT-IN
DOWNS	14 MAT 2008	CUT-IN

9. AIDS TO NAVIGATION WERE NOT LOCATED DURING THIS SURVEY. NAVAIDS SHOWN ARE FROM SURVEY 07-190.
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 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.

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

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

Designed by: Phil
Dwn by: Philip
Ckd by: Philip

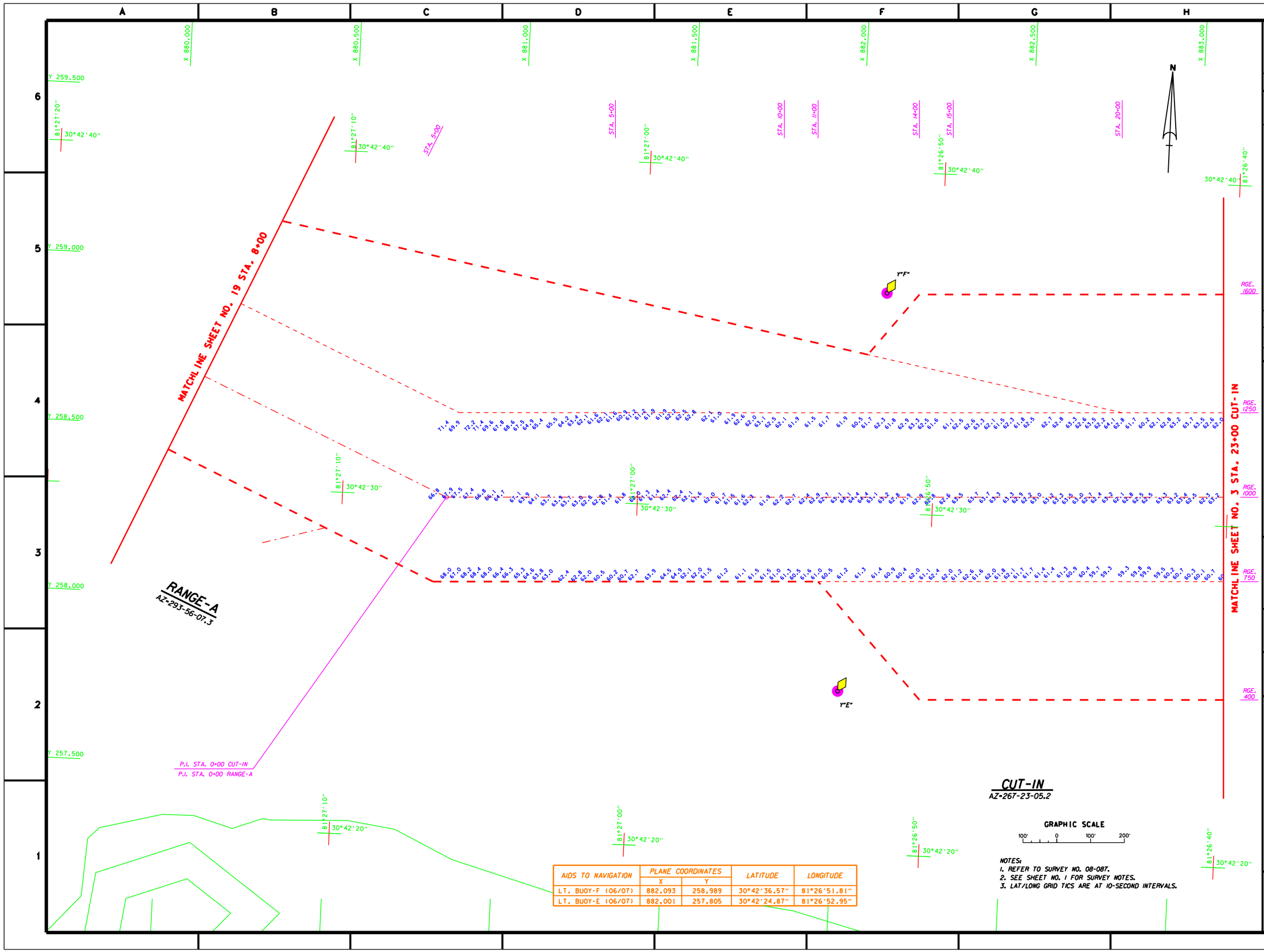
Dated MAR 2008
D.O.F ILE NO.

File name: 08-0875-01LOCH
Reference files: GEORGIA.DGN, KEYTOPO83.DGN, KSCHAR08_XX.DGN, KCWT_MAR_2004

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
INDEX, LOCATION & VICINITY MAP

DRAWING NO.
1/18

SHEET 1 OF 23



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-F (06/07)	882,093	258,989	30°42'36.57"	81°26'51.81"
LT. BUOY-E (06/07)	882,001	257,805	30°42'24.87"	81°26'52.95"

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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

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

Designed by: Plant
Dwn by: WMP
Ckd by: SMW

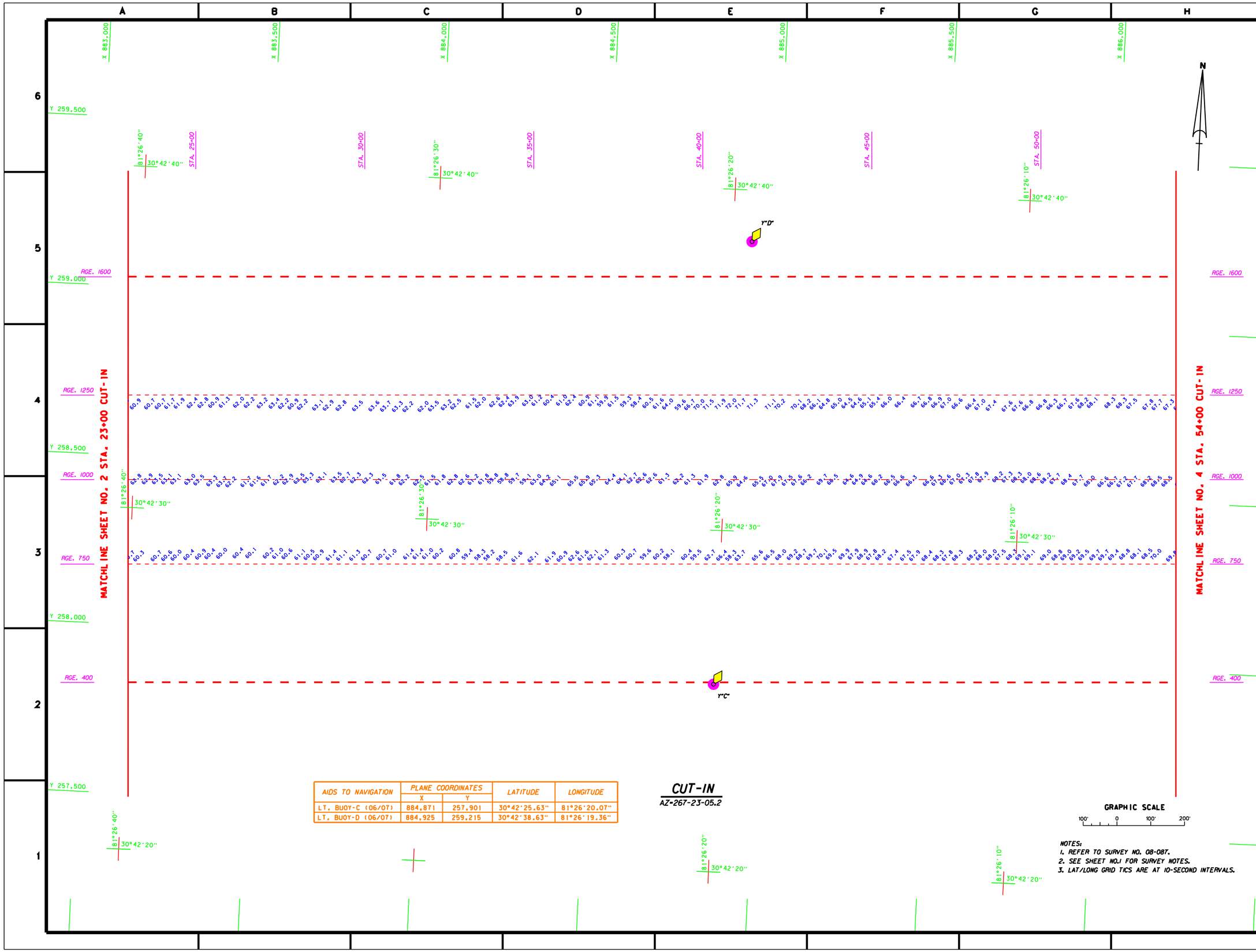
Dates: MAR 2008
D.O.F ILE NO.

File name: 08-087BSH02.DGN
Reference files: 08087BSE.DGN
08087BSE1.DGN
08087BSE2.DGN
KEILTICS.DGN
KEITOPO8.DGN
07-050BAM.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 10+00 RANGE-A THRU STA. 23+00 CUT-IN
PLAN

DRAWING NO.
2/18

SHEET 2 OF 23



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-C (06/07)	884,871	257,901	30°42'25.63"	81°26'20.07"
LT. BUOY-D (06/07)	884,925	259,215	30°42'38.63"	81°26'19.36"

CUT-IN

AZ-267-23-05.2

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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: DJH
Dwn by: DJH
Ckd by: DJH

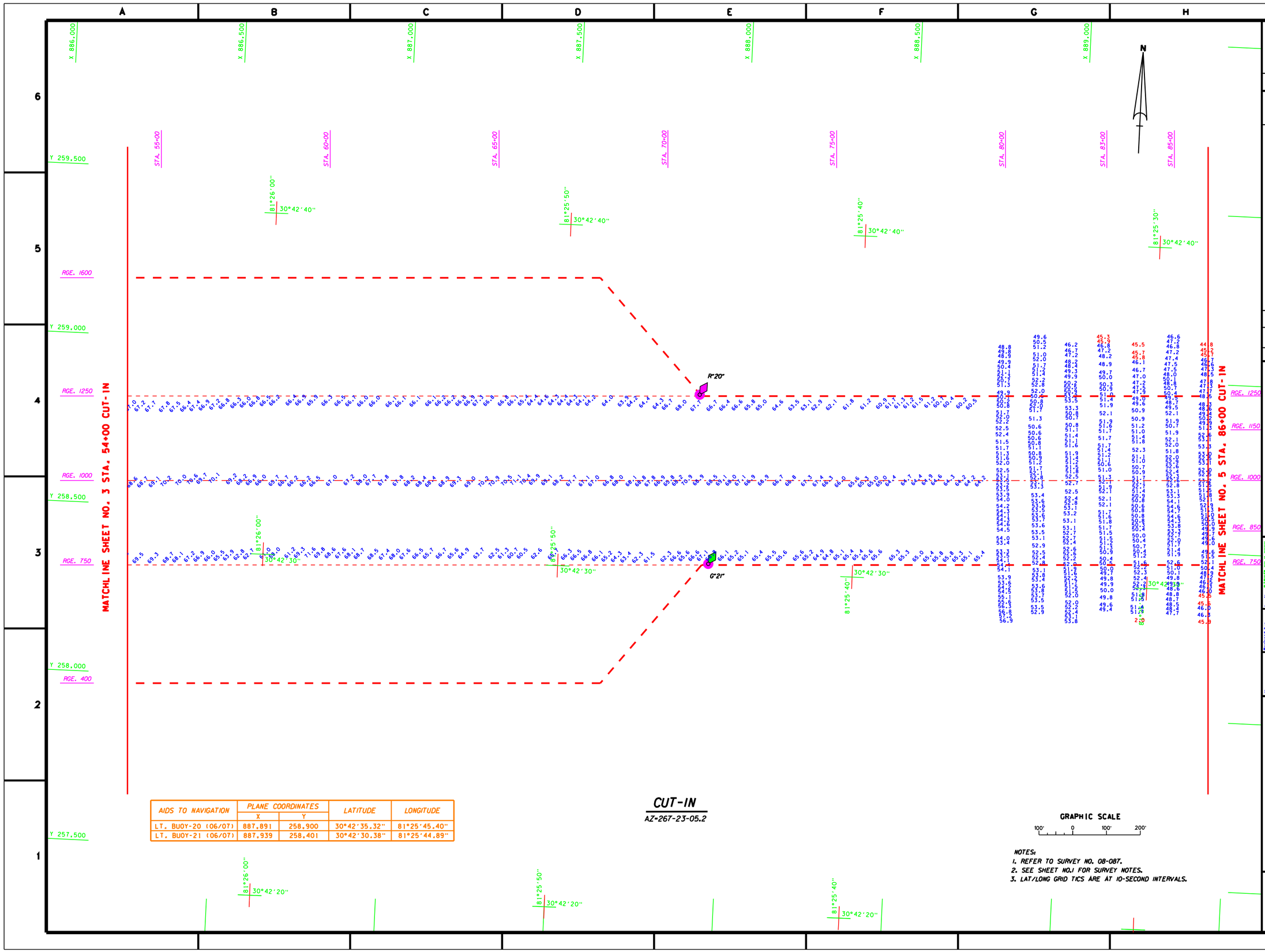
Dates: MAR 2008
D.O.F ILE NO.

File name: 08-087SHEET.DGN
Reference files: 8800968.DGN
RBCHANNEL08.DGN
08-087BASE.DGN
ESLTRCS.DGN
07-090MAN.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA.23+00 THRU STA.54+00 CUT-IN
PLAN

DRAWING NO.
3/18

SHEET 3 OF 23



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-20 (06/07)	887,891	258,900	30°42'35.32"	81°25'45.40"
LT. BUOY-21 (06/07)	887,939	258,401	30°42'30.38"	81°25'44.89"

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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
Dsign XX XXX XXXX
Scale AS SHOWN
Plot date XX XX XXXX
Plot scale XXXX

Designed by FRH
Dwn by BRG
Ckd by BRG

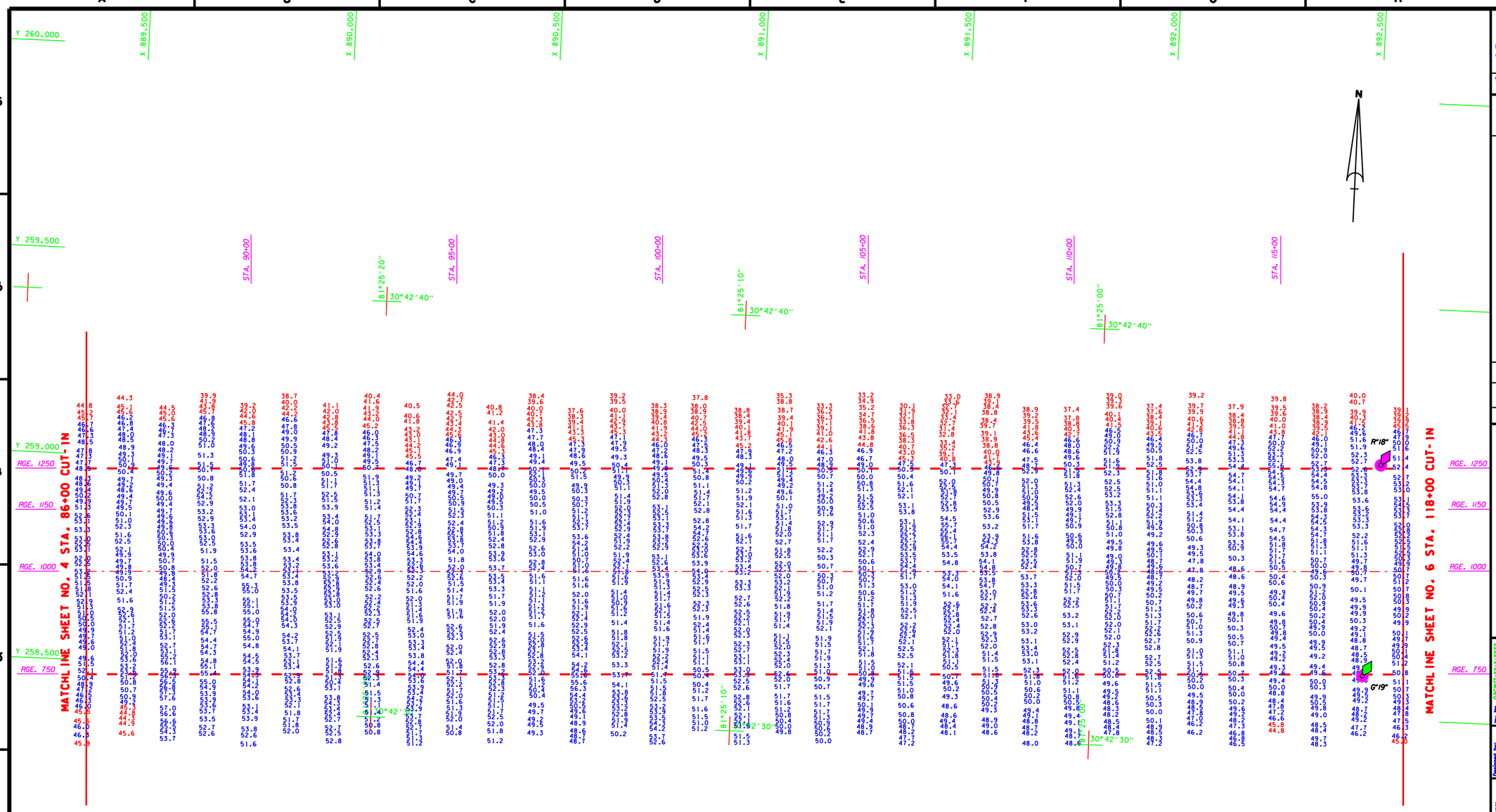
Date MAR 2008
D.O.FILE NO.

File name 08-087SHO4.DGN
Reference files 080098.DGN
RECBAND.DGN
08-087CN.DGN
08-087CN_L.DGN
07-090NAV.DGN
EULLTCS.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 54+00 THRU STA. 86+00 CUT-IN
PLAN

DRAWING NO.
4/18

SHEET 4 OF 23



CUT-IN

AZ=267-23-05.2

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-18 (06/07)	892,435	259,121	30°42'37.21"	81°24'53.33"
LT. BUOY-19 (06/07)	892,515	258,603	30°42'32.08"	81°24'52.45"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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

Dwg. No. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Pwl date: XX XX XXXX
Pwl scale: XXXX

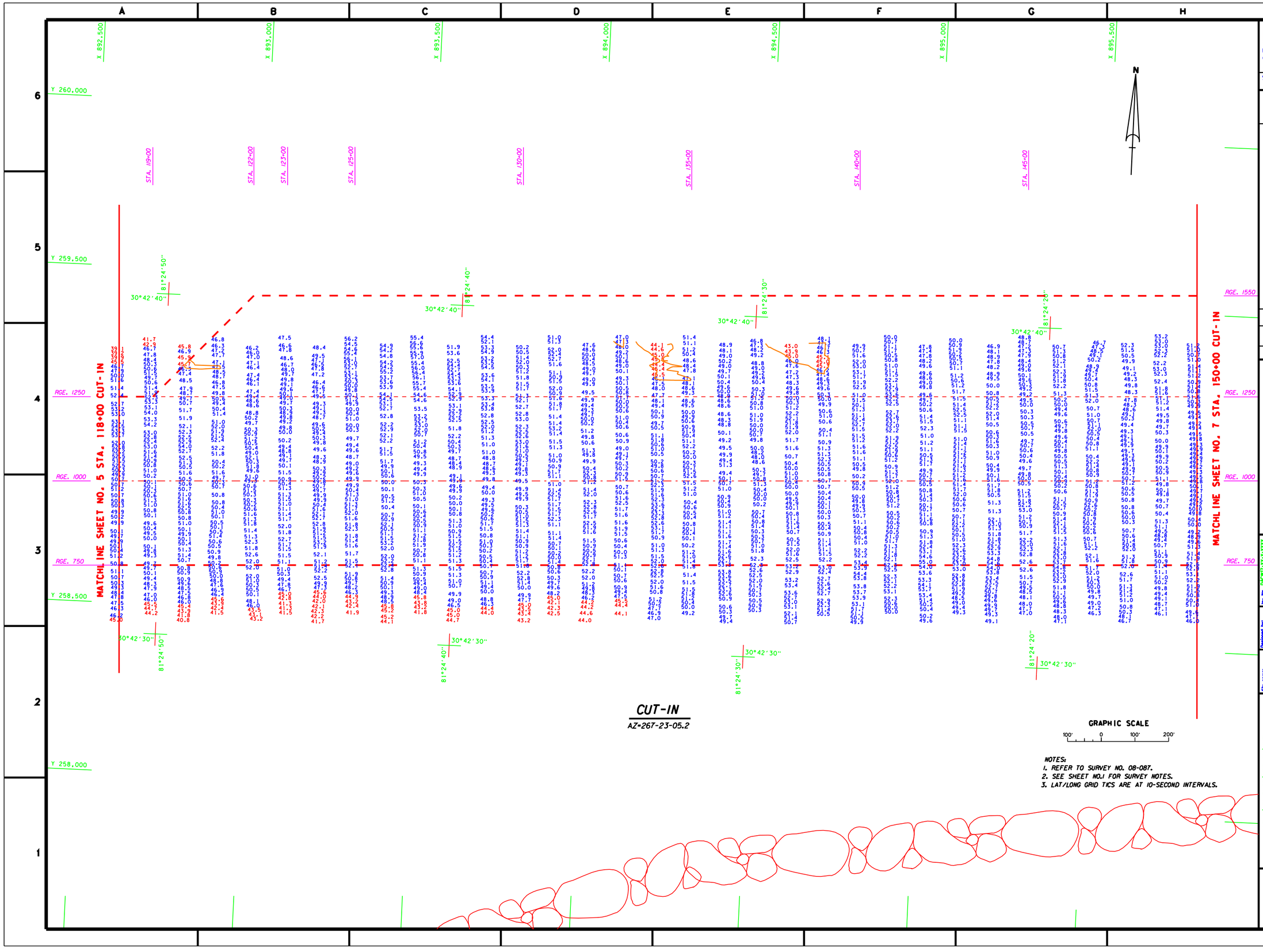
Designed by: TRW
Dwn by: TRW
Chk by: TRW
Date: MAR 2008
D.O.F ILE NO.

File name: 08-087SHEET.DGN
Reference files: BKGRND.DGN, FBCHUMSHE.DGN, FBCHUMSHE.DGN, BSLLTICS.DGN, 07-090NAV.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 86+00 THRU STA. 118+00 CUT-IN
PLAN

DRAWING NO.
5/18

SHEET 5 OF 23



CUT-IN

AZ=267-23-05.2

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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

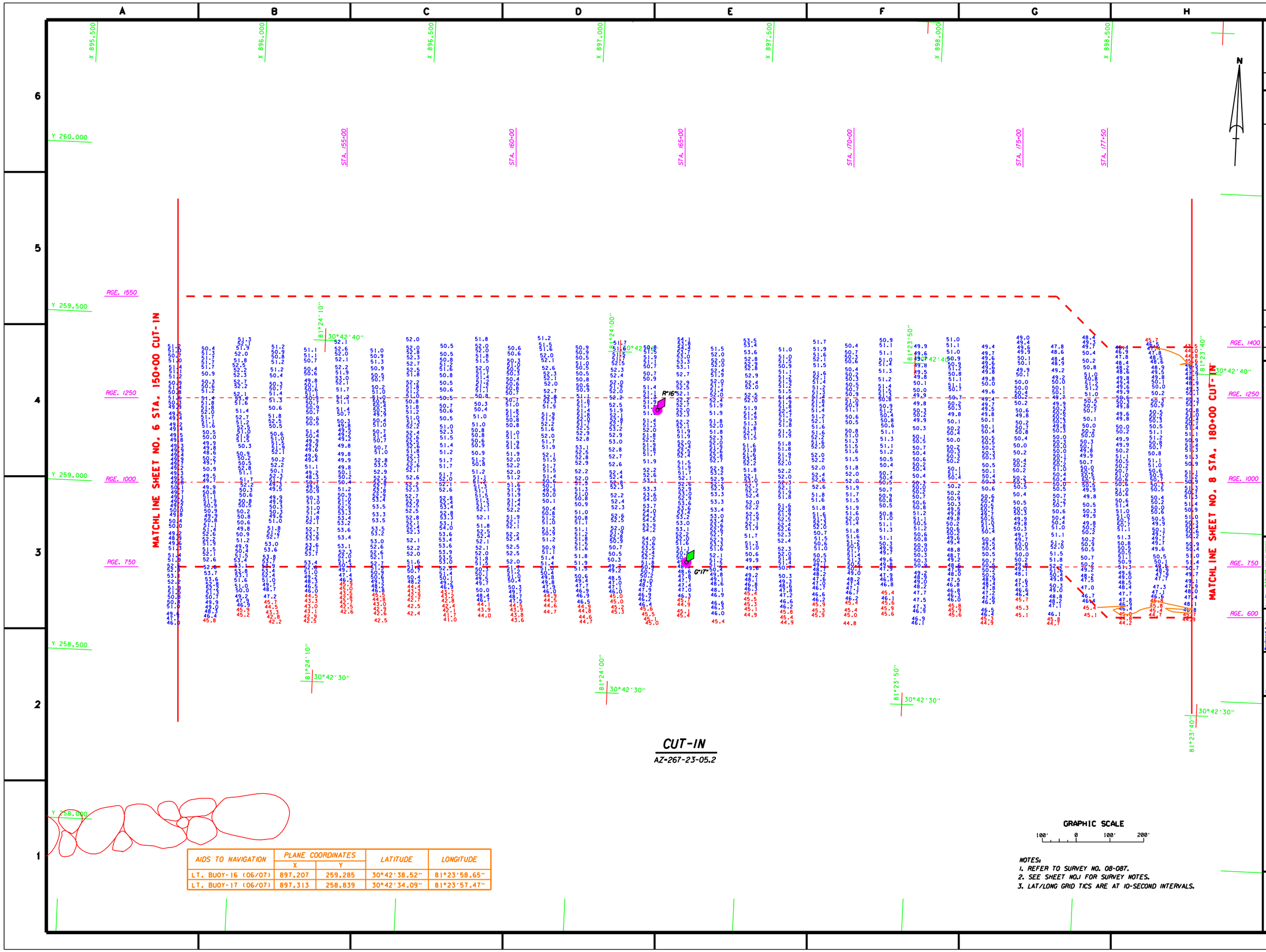
Designed by: RWH
Dwn by: WRH
Ckd by: WRH
Dated: MAR 2008
D.O. FILE NO.

File name: 08-087SH06.DGN
Reference files: 8HDR98.DGN, KBCHAN6.SHC.DGN, 08-086SH06.DGN, 8.5LTICS.DGN, KBTOP08.DGN, CONH6.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 118+00 THRU STA. 150+00 CUT-IN
PLAN

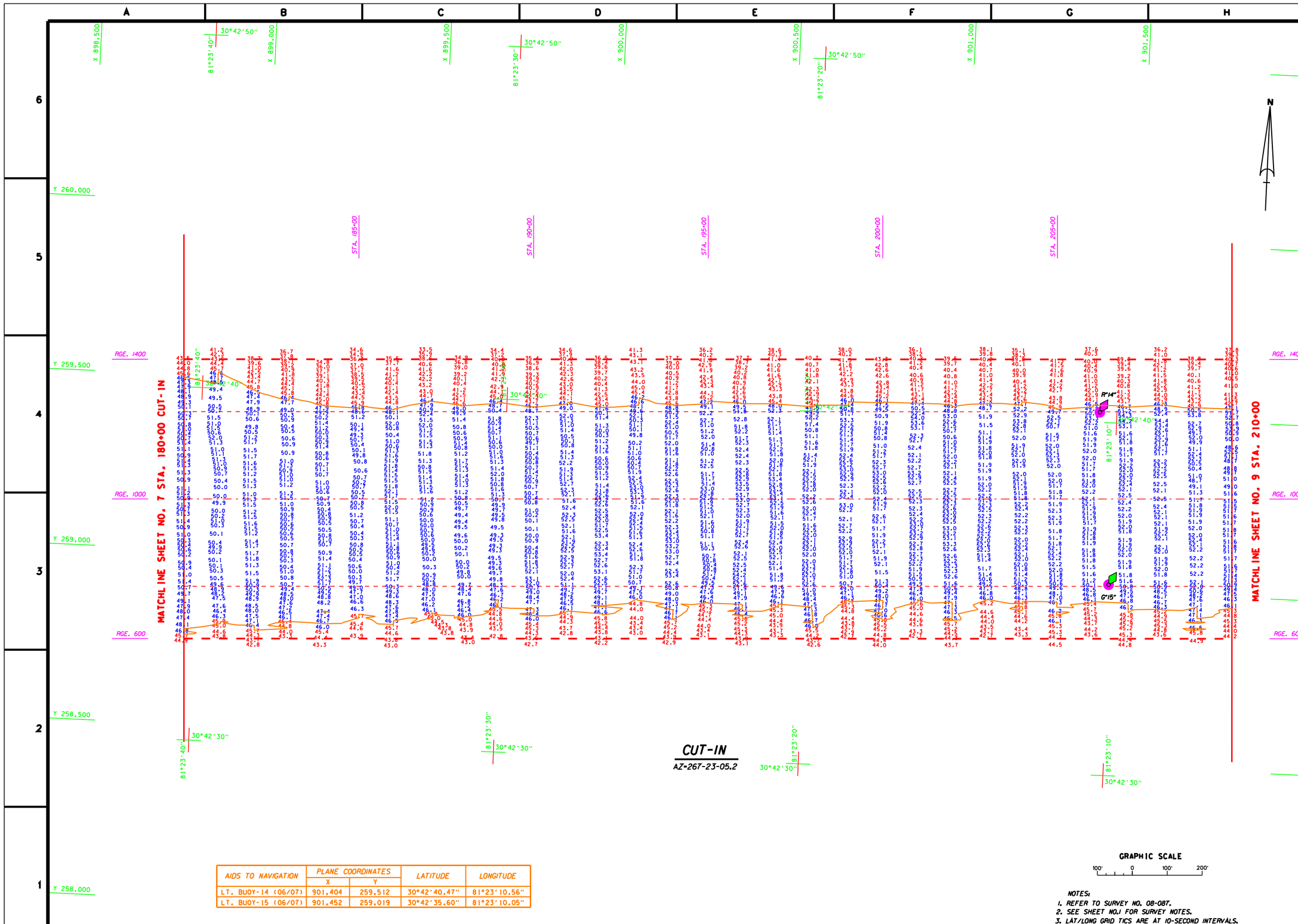
DRAWING NO.
6/18

SHEET 6 OF 23



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-16 (06/07)	897,207	259,285	30°42'38.52"	81°23'58.65"
LT. BUOY-17 (06/07)	897,313	258,839	30°42'34.09"	81°23'57.47"

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-14 (06/07)	901,404	259,512	30°42'40.47"	81°23'10.56"
LT. BUOY-15 (06/07)	901,452	259,019	30°42'35.60"	81°23'10.05"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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

Rev. No. DACW17-X2-X-XXXX
Dates: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by: Fleri
Dwn by: Wiley
Chk by: Wiley

Dates: MAR 2008
D.O.F. FILE NO.

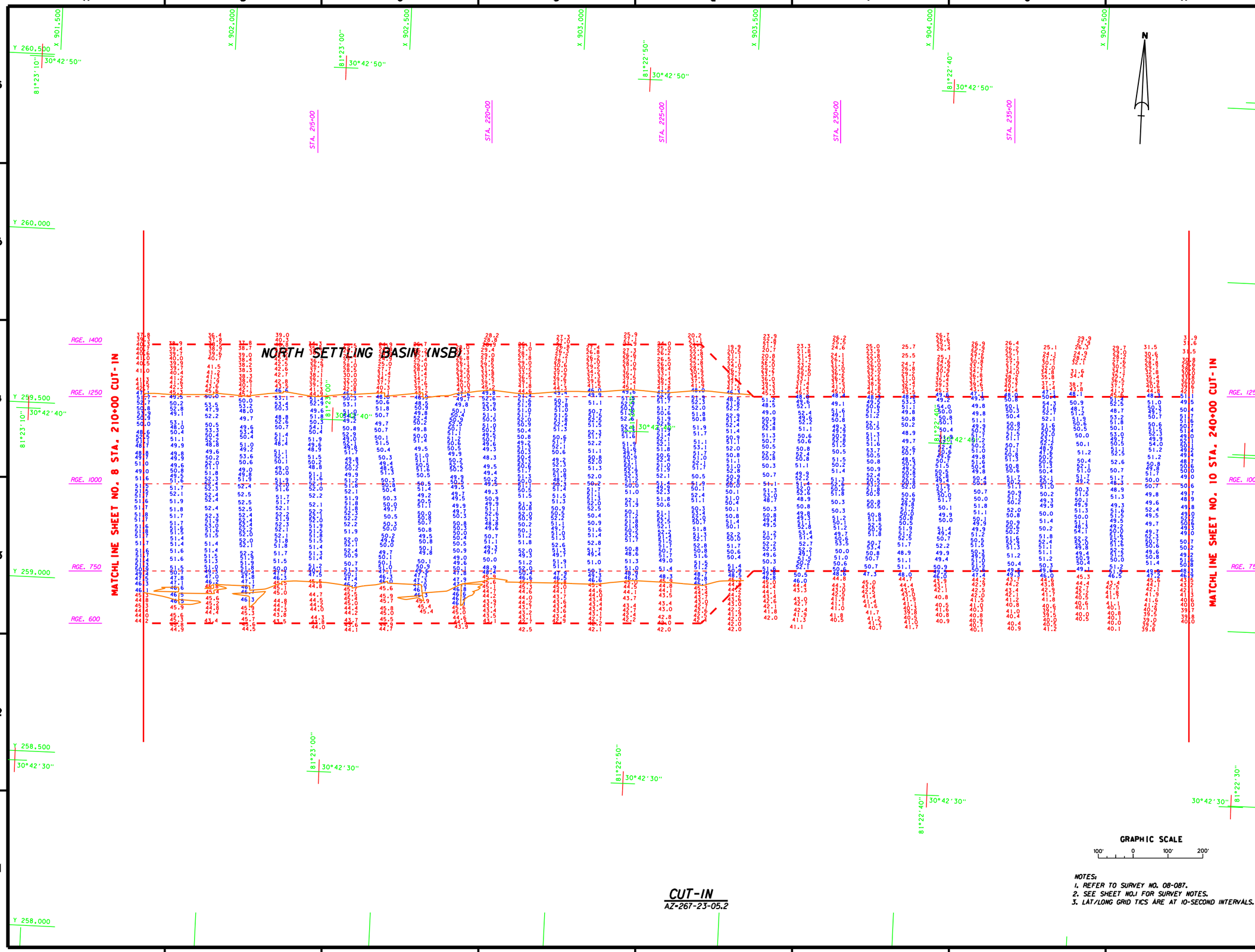
File name: 08-087SHEET.DGN
Reference files: GRIDFILE.DGN
HSCHANNEL5NEW.DGN
08-DEDICTN.DGN
08-SURVEY.DGN
07-TOPOMAP.DGN
COMMS.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA

2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 180+00 THRU 210+00 CUT-IN
PLAN

DRAWING NO.
8/18

SHEET 8 OF 23



NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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. DACW17-99-C-0032
Design XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: RWH
Drawn by: RWH
Chkd by: RWH

Date: MAR 2008
D.O. FILE NO.

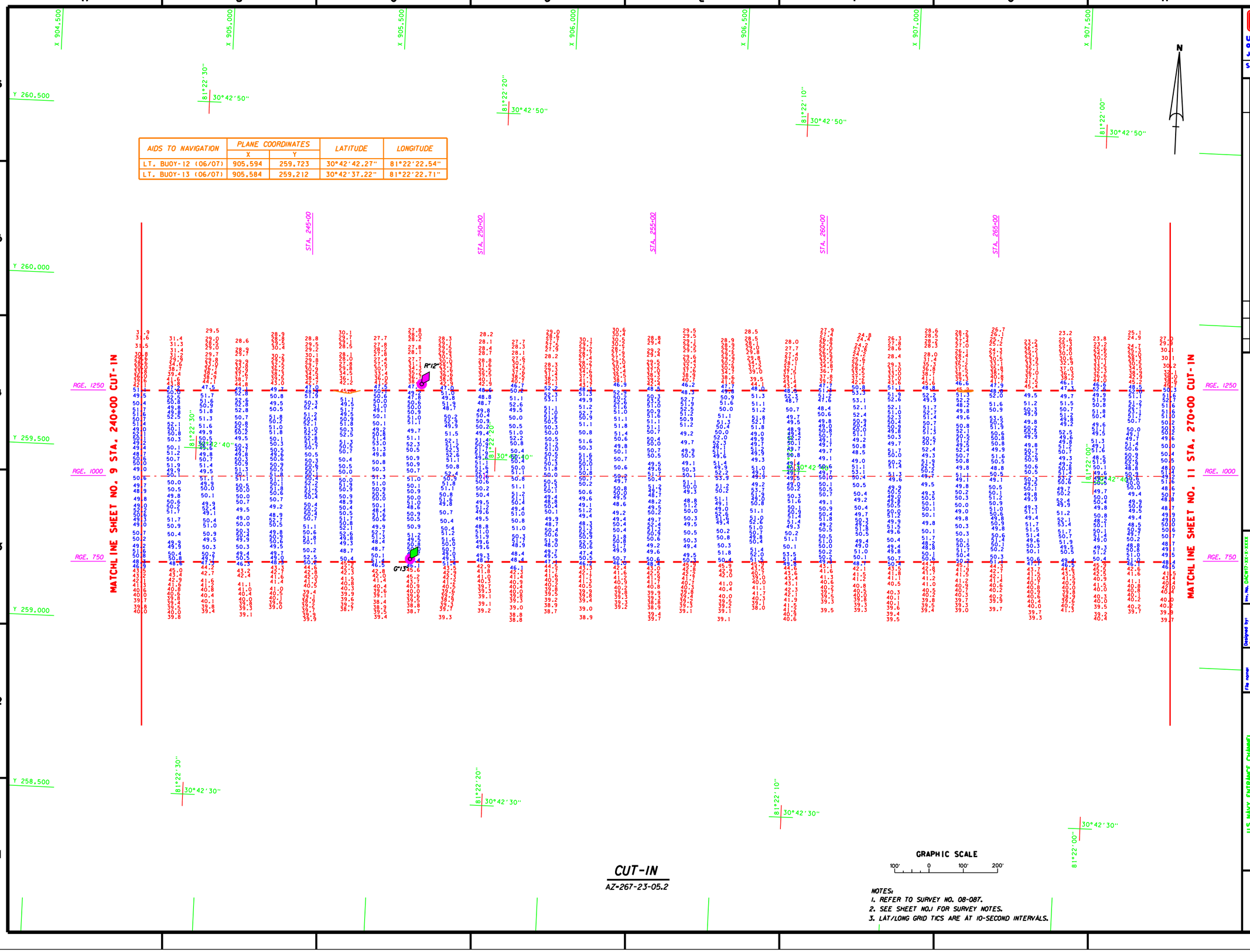
File name: 08-087SHEET.DGN
References files: 8SURVEY.DGN
XSECHANGE.DGN
08-MATCH.DGN
08-CUT-IN.DGN
COVER.DGN
BILL1NCS.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 210+00 THRU STA. 240 CUT-IN
PLAN

DRAWING NO.
9/18

SHEET 9 OF 23

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-12 (06/07)	905,594	259,723	30°42'42.27"	81°22'22.54"
LT. BUOY-13 (06/07)	905,584	259,212	30°42'37.22"	81°22'22.71"



CUT-IN

AZ=267-23-05.2

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX%

Designed by: RWH
Dwn by: WMP
Ckd by: RWH

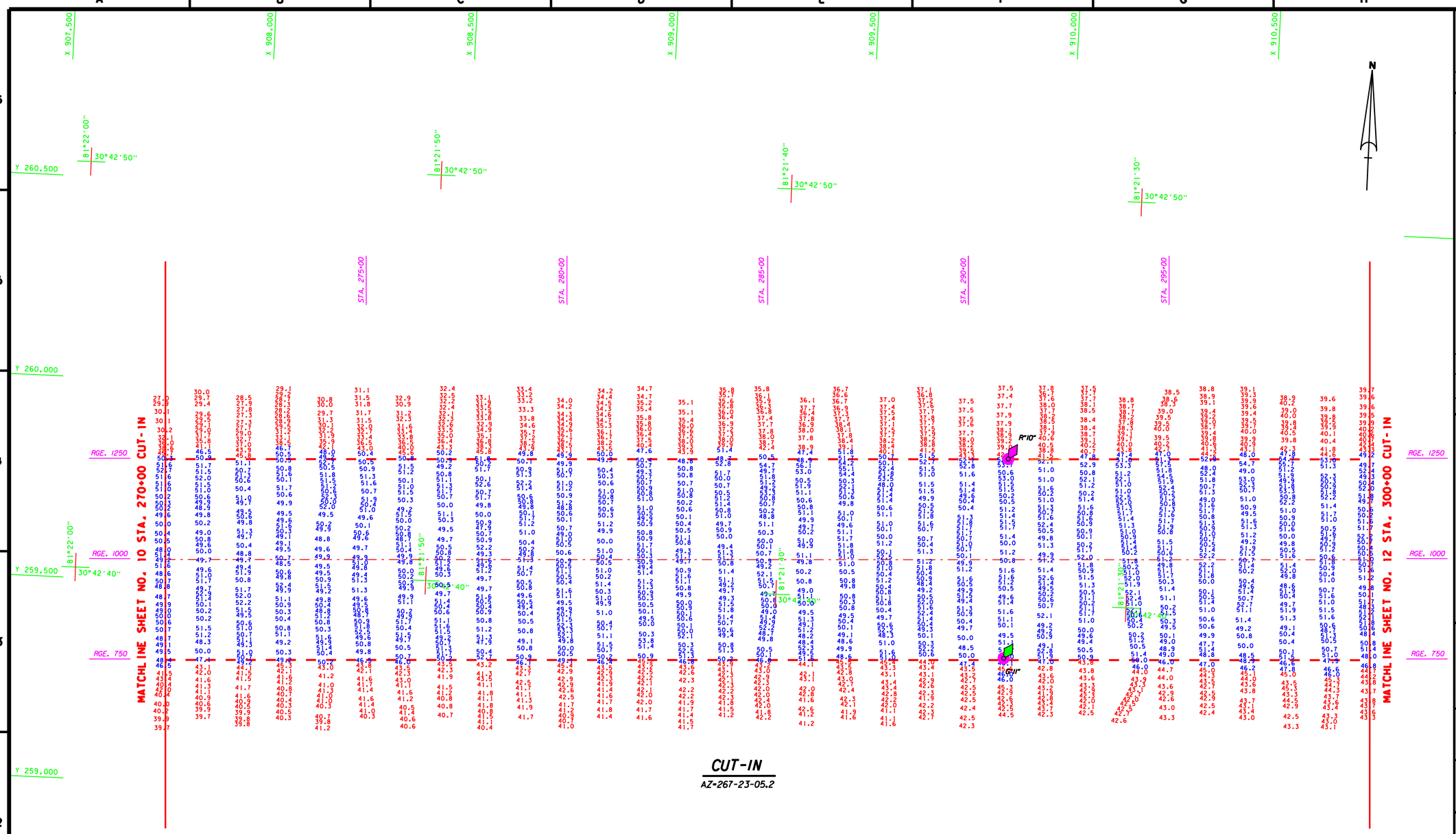
Date: MAR 2008
D.O.F ILE NO.

File name: 08-087SHEET.DGN
Reference files: BKGRND.DGN, ESCHANGE.DGN, BELTHOL.DGN, BUOYS.DGN, 07-050MAP.DGN, CONNS.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA.240+00 THRU STA.270+00 CUT-IN
PLAN

DRAWING NO.
10/18

SHEET 10 OF 23



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-10 (06/07)	909,873	259,901	30°42'43.73"	81°21'33.52"
LT. BUOY-11 (06/07)	909,884	259,405	30°42'38.82"	81°21'33.43"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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

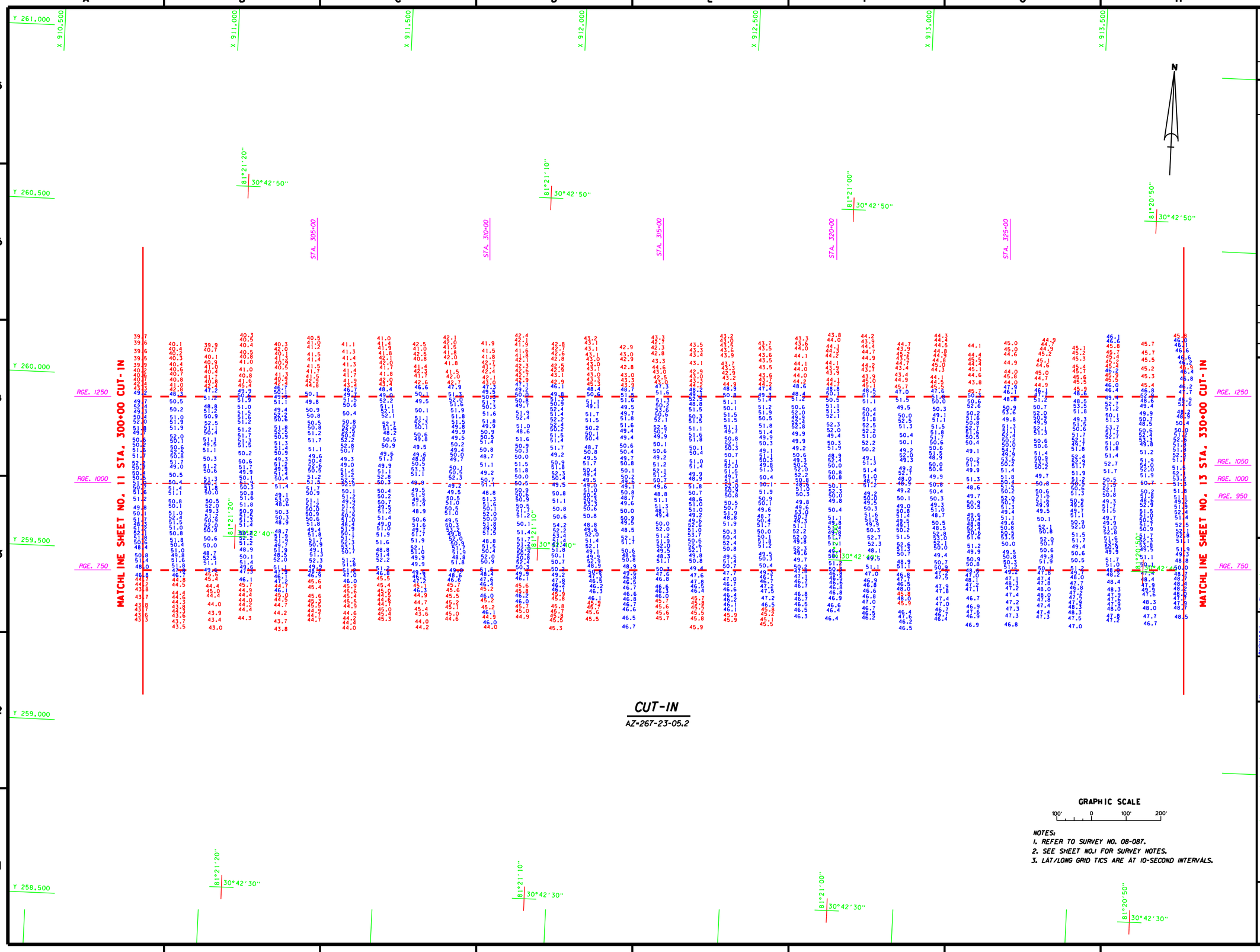
Inv. No. DACW17-99-C-0032
Design: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Designed by: Effert
Dwn by: Cad by: Effert
Chkd by: Effert
Design WAR 2008
D.O.F ILE NO.

File name: 08-087SHTL.DGN
Reference files: 08089BL.DGN 08CONTRS.DGN 08BLTICS.DGN 07-09NAV.DGN CONHL.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA.270+00 THRU STA.300+00 CUT-IN
PLAN

DRAWING NO.
11/18

SHEET 11 OF 23



CUT-IN

AZ=267-23-05.2

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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. DACW17-99-C-0032
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXXX

Designed by: RWH
Dwn by: WRB
Ckd by: WRB

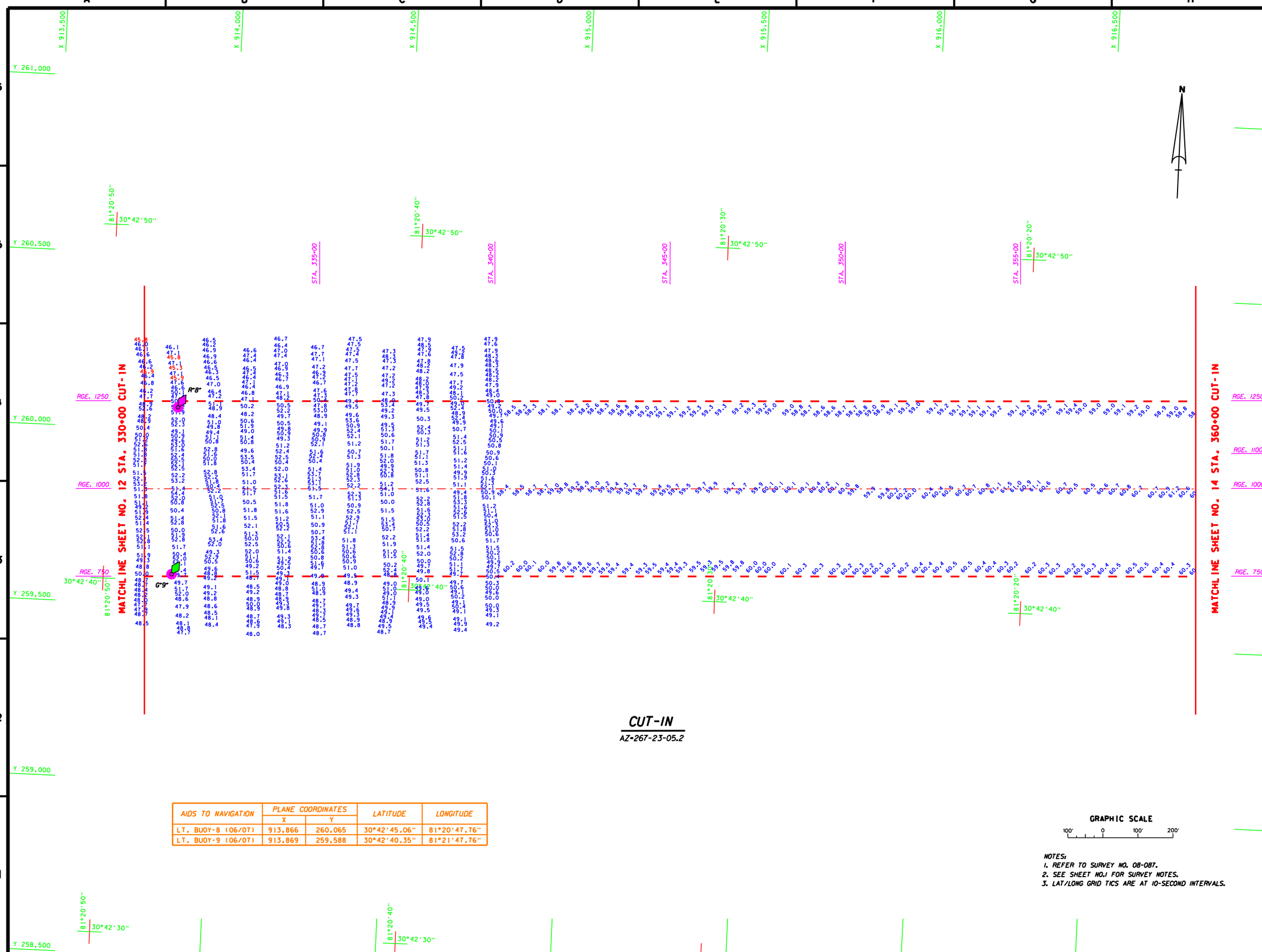
Dated: MAR 2008
D.O.FILE NO.

File name: 08-087SHT12.DGN
Reference files: BRDRB8.DGN
08-087CEN.DGN
KDCHAN8.SHEW.DGN
8.3.LT.TICS.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 300+00 THRU STA. 330+00 CUT-IN
PLAN

DRAWING NO.
12/18

SHEET 12 OF 23



CUT-IN

AZ=267-23-05.2

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-8 (06/07)	913,866	260,065	30°42'45.06"	81°20'47.76"
LT. BUOY-9 (06/07)	913,869	259,588	30°42'40.35"	81°21'47.76"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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. DACW17-99-C-0032
Dataset: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

Designed by: FRM
Dwn by: WRW
Ckd by: SRW

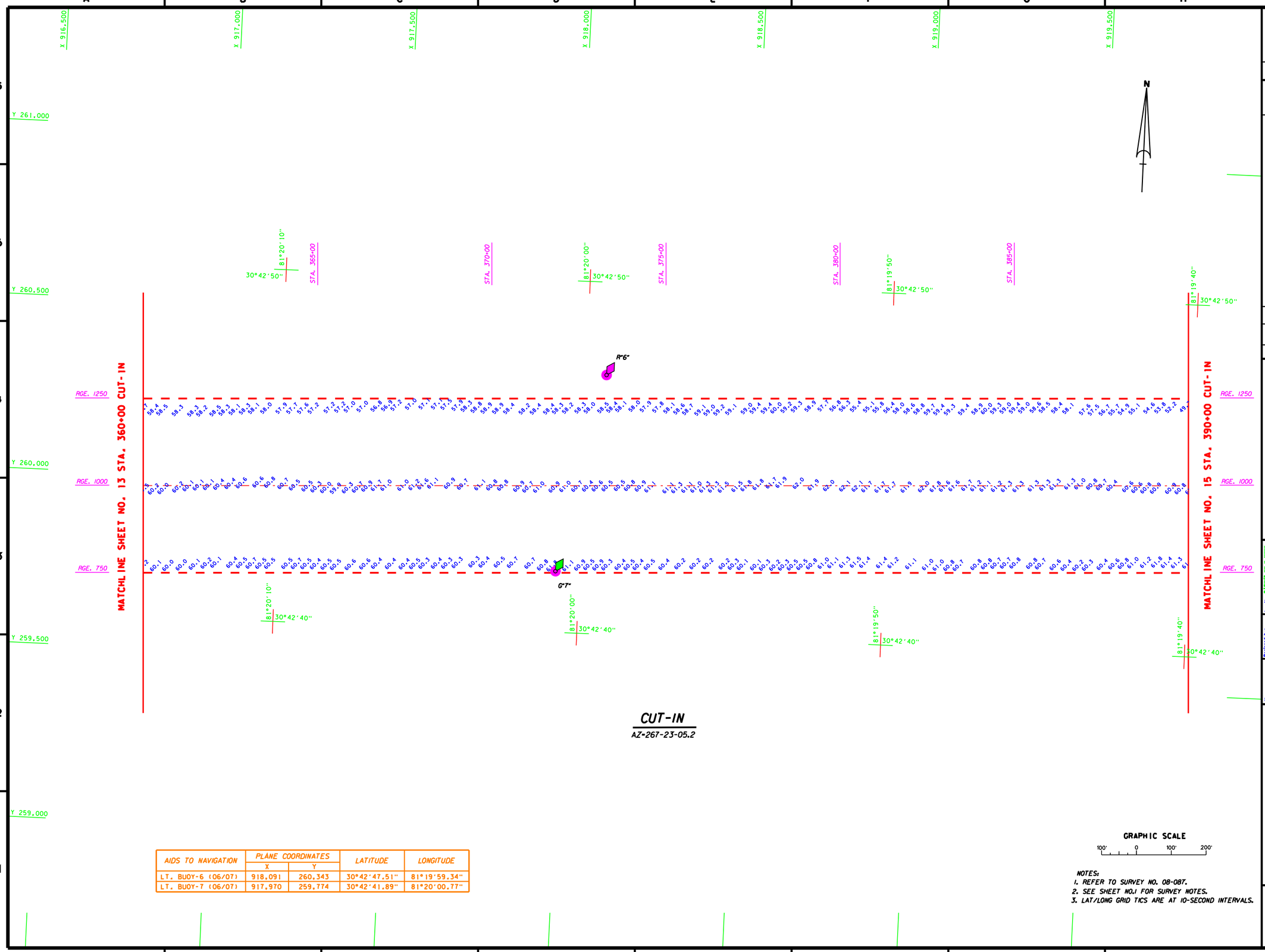
Dated: MAR 2008
D.O.F ILE NO.

File name: 08-087SHEL.DGN
Reference files: 08-087CHANSHE.DGN
08-087CTN.DGN
08-087BUOY.DGN
07-000MAP.DGN
ISLLTYCS.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 330+00 THRU STA. 360+00 CUT-IN
PLAN

DRAWING NO.
13/18

SHEET 13 OF 23



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-6 (06/07)	918,091	260,343	30°42'47.51"	81°19'59.34"
LT. BUOY-7 (06/07)	917,970	259,774	30°42'41.89"	81°20'00.77"

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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

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

Designed by: Rent
Dwn by: WRY
Ckd by: WRY

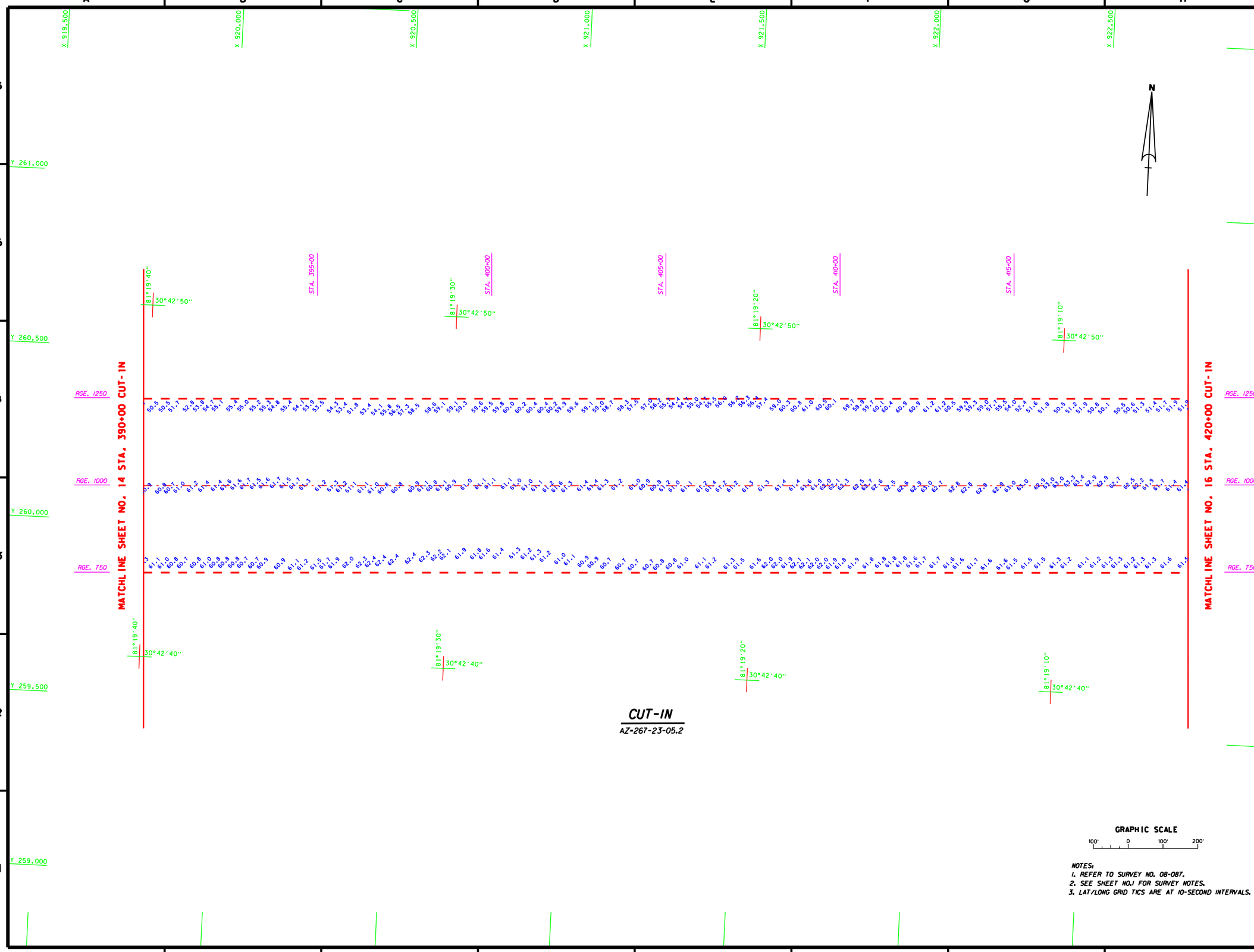
Dated: MAR 2008
D.O.F ILE NO.

File name: 08-087SHA.DGN
Reference files: 8SCHARTS.DGN 08-087CNL.DGN 08-087CNL1.DGN 07-090MAV.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 360+00 THRU STA. 390+00 CUT-IN
PLAN

DRAWING NO.
14/18

SHEET 14 OF 23



NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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: RWH
Dwn by: WRW
Ckd by: WRW

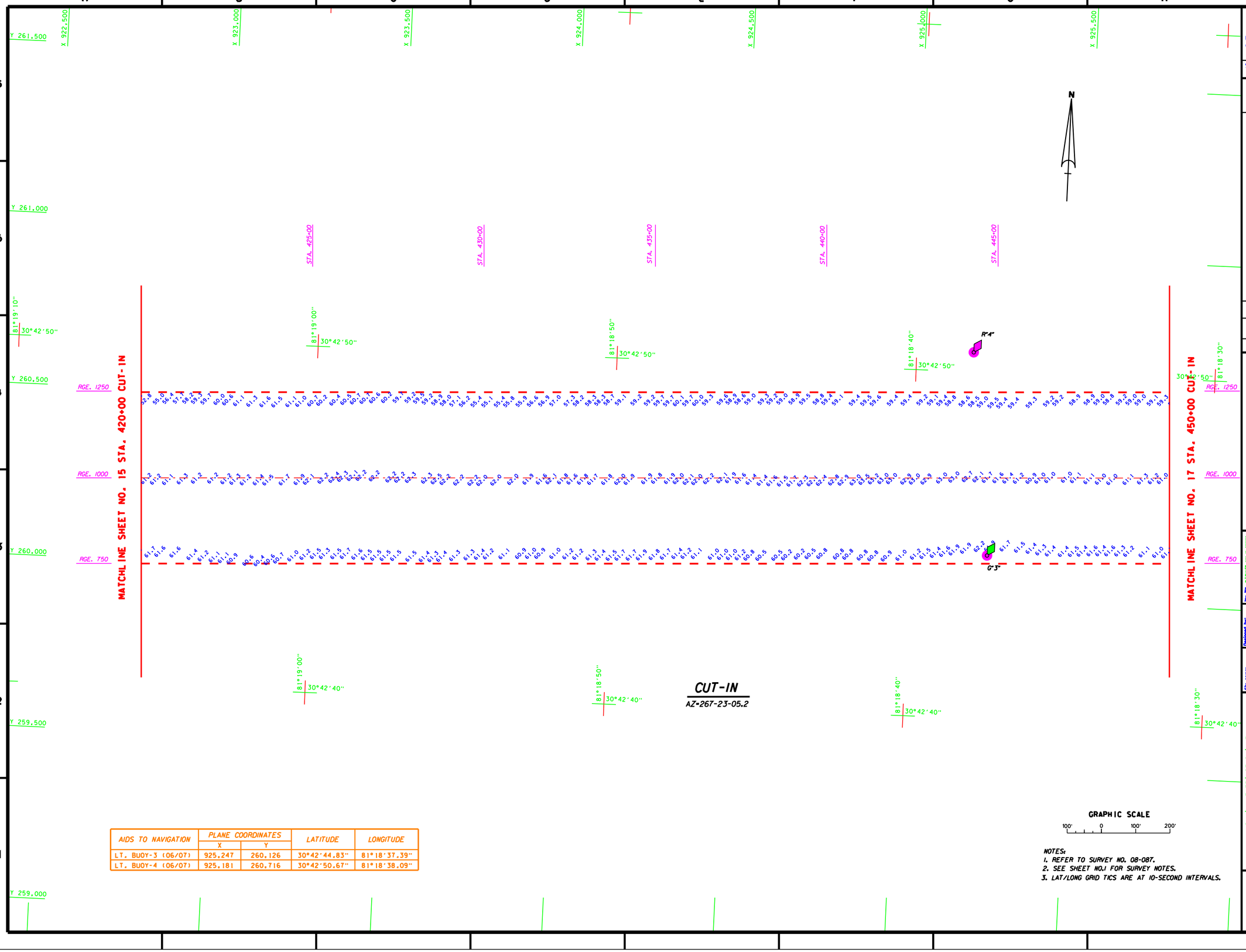
Dated: MAR 2008
D.O.F ILE NO.

File name: 08-087SHEET.DGN
Reference files: 08-087SHEET.DGN
08-087CNL.DGN
BSLLTICS.DGN
08-087CNL_L1.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 390+00 THRU STA. 420+00 CUT-IN
PLAN

DRAWING NO.
15/18

SHEET 15 OF 23



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (06/07)	925,247	260,126	30°42'44.83"	81°18'37.39"
LT. BUOY-4 (06/07)	925,181	260,716	30°42'50.67"	81°18'38.09"

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

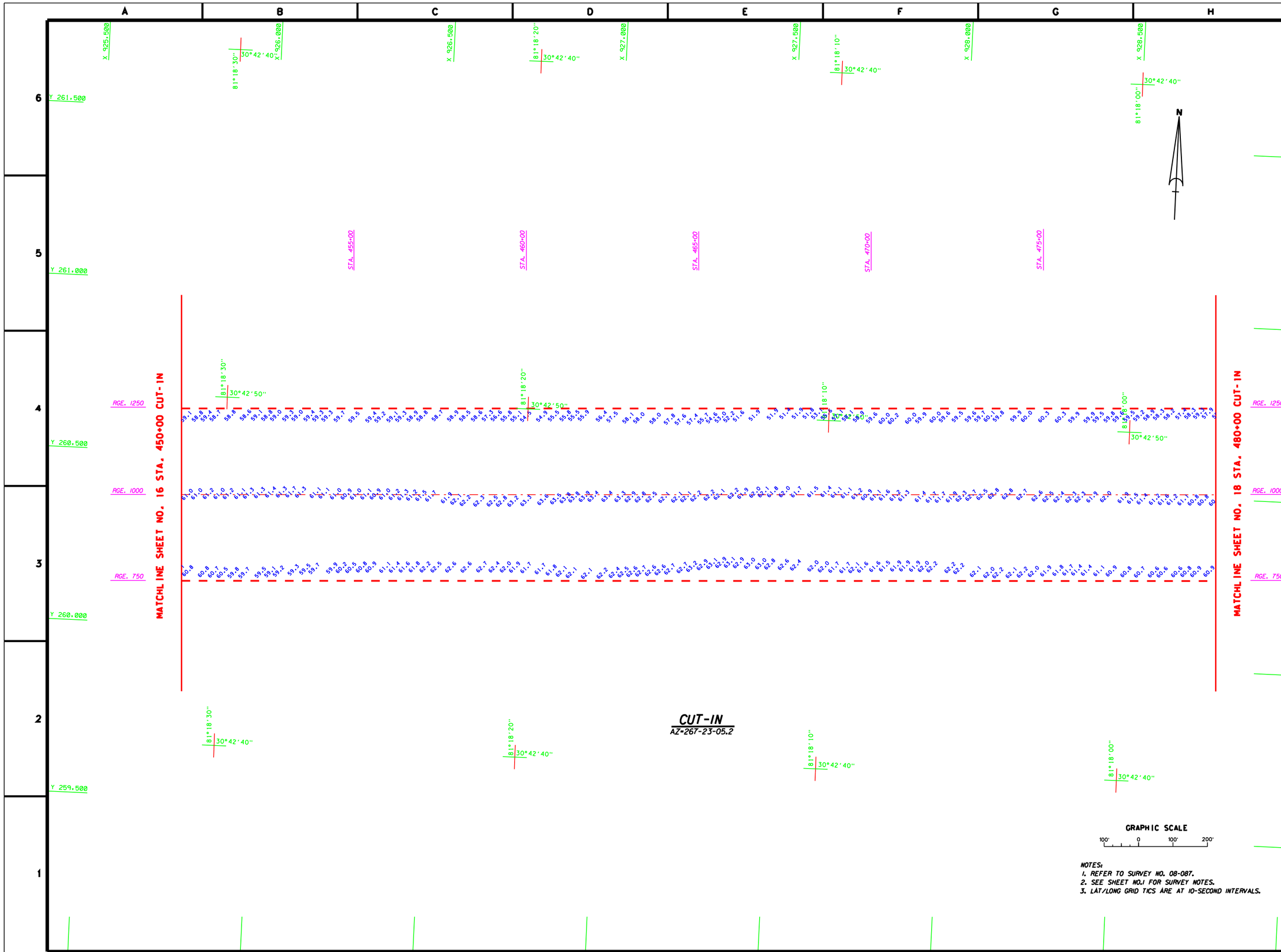
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Designed by: RWH
Dwn by: WRW
Ckd by: WRW
Date: MAR 2008
D.O.FILE NO.

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 420+00 THRU STA. 450+00 CUT-IN
PLAN

DRAWING NO.
16/18

SHEET 16 OF 23



NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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

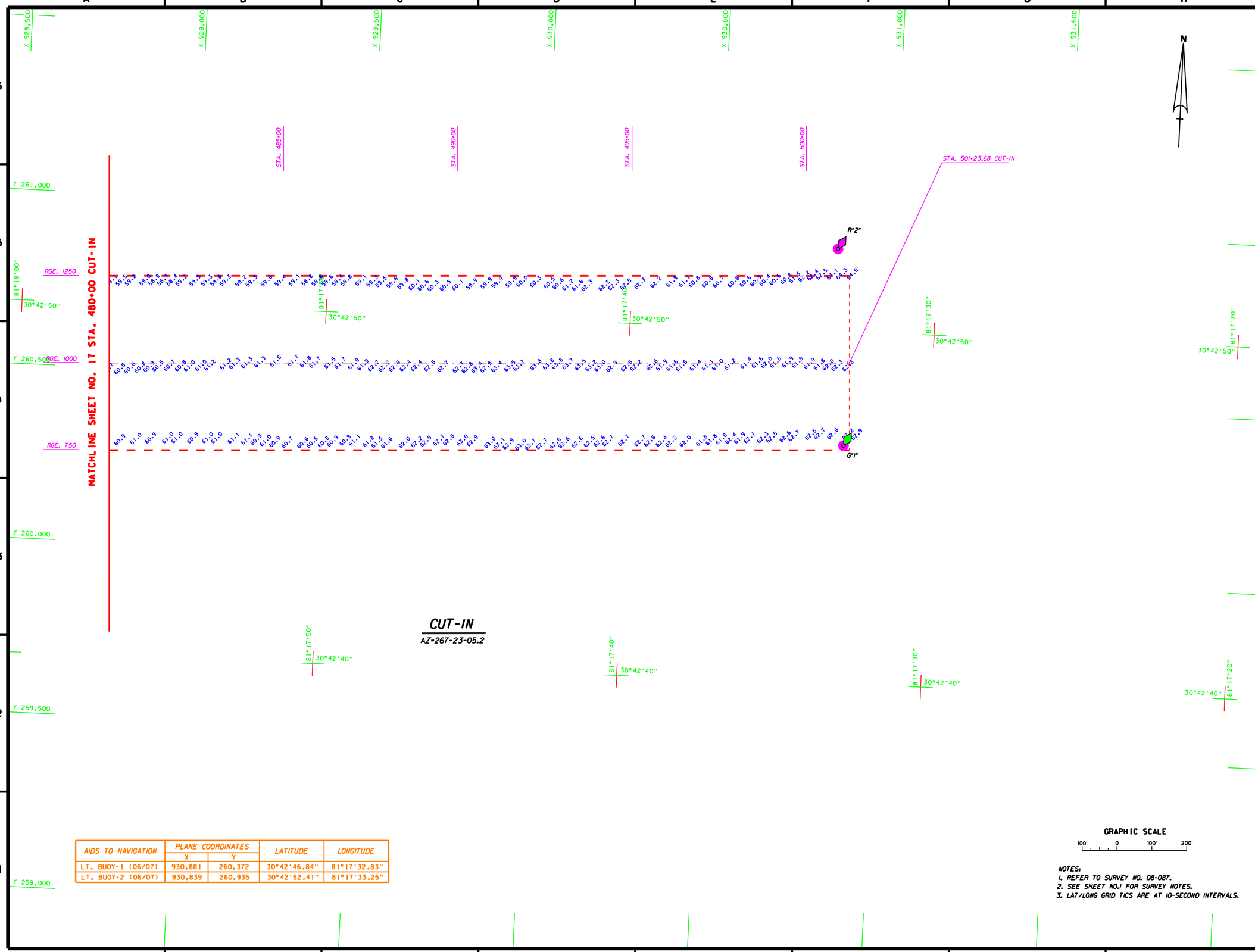
Designed by: RWH
Dwn by: WRH
Ckd by: WRH
Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: MAR 2008
D.O.FILE NO.

File name: 08-087SHT7.DGN
Reference files: GRDR08.DGN KBCHAN8.DGN 08-087CIN_LL.DGN BBLTICS.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA.450+00 THRU STA.480+00 CUT-IN
PLAN

DRAWING NO.
17/18

SHEET 17 OF 23



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-1 (06/07)	930.881	260.372	30°42'46.84"	81°17'32.83"
LT. BUOY-2 (06/07)	930.839	260.935	30°42'52.41"	81°17'33.25"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-087.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

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: RMW
Cut by: WRW
Dwn by: WRW
Dated: MAR 2008
D.O.F ILE NO.

File name: 08-087SHEL.DGN
Reference files: 08-087SHEL.DGN, 08-087CHANGE.NEW.DGN, 08-087CTN_LLL.DGN, 08-087LL.DGN, 07-100DMAV.DGN

U.S. NAVY ENTRANCE CHANNEL
KINGS BAY, GEORGIA
2nd QUARTER
PROJECT CONDITION SURVEY
46-FOOT PROJECT
STA. 480+00 CUT-IN STA. 501+23.68 CUT-IN
PLAN

DRAWING NO.
18/18

SHEET 18 OF 23