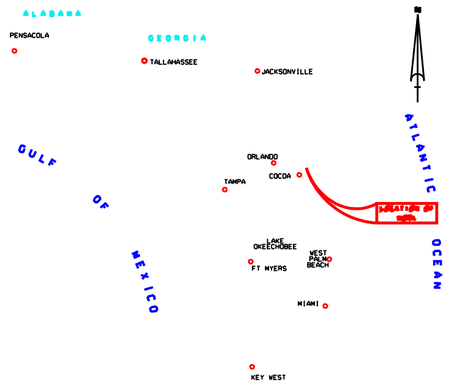
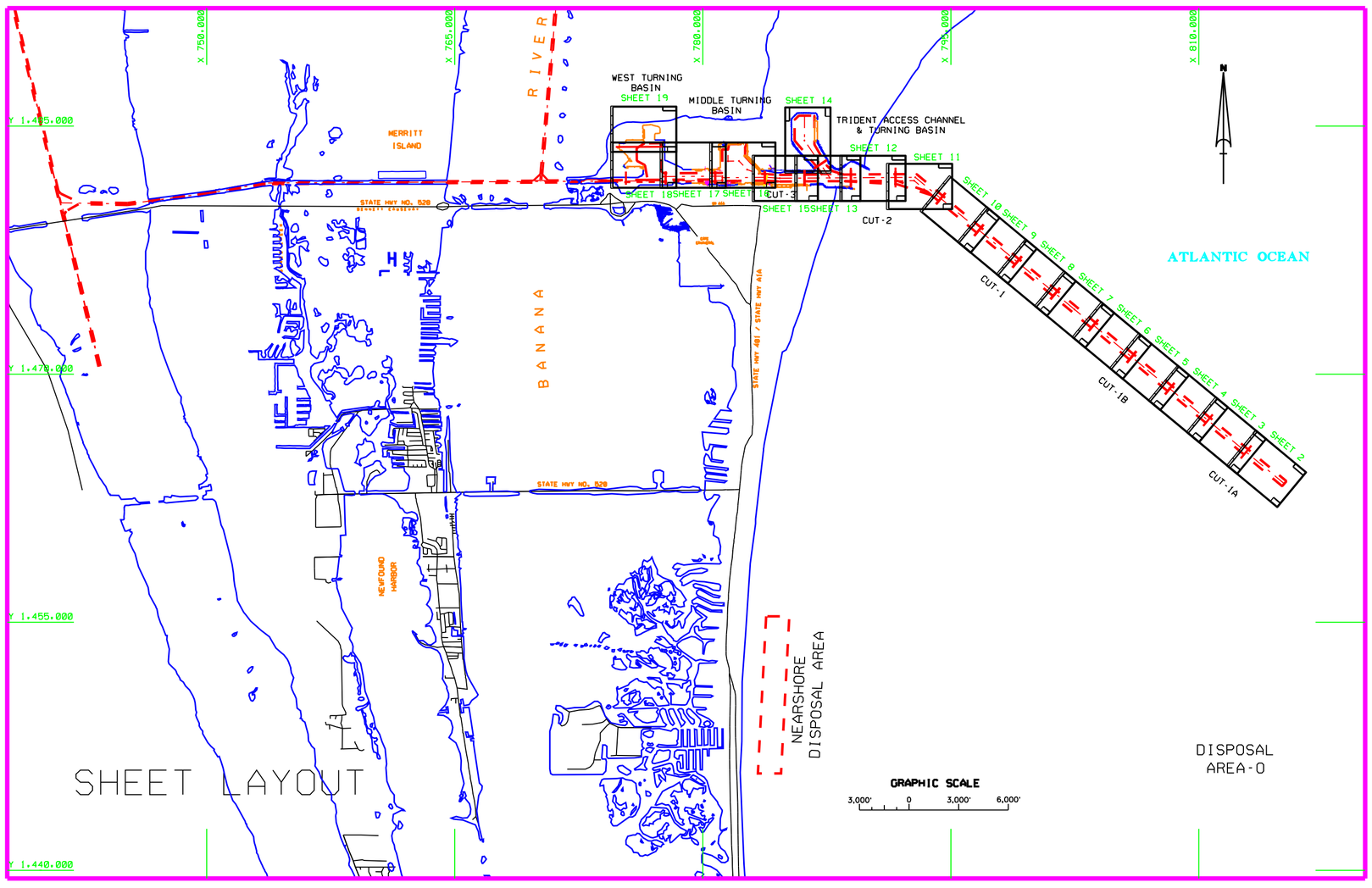
CANAVERAL HARBOR
BREVARD COUNTY, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY



SURVEY TABULATION				
VESSEL	AREA SURVEYED	DATE SURVEYED	STAFF LOCATION	BENCHMARK
WB-34	CUT-1, MTB	12, 15 FEB 08	PILING @ PILOT BOAT DOCK	CABLE SOUTHPORT
WB-34	CUTS 1, 2, 3, TAC, WAC	20-22 FEB 08	PILING @ PILOT BOAT DOCK	CABLE SOUTHPORT
WB-34	CUTS 1A, 1B	25 FEB 08	PILING @ PILOT BOAT DOCK	CABLE SOUTHPORT
WB-34	CUT-A, TAC, TTB, WTB	28-29 FEB 08	PILING @ PILOT BOAT DOCK	CABLE SOUTHPORT

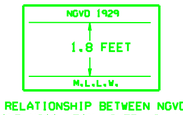


SURVEY NOTES:

1. REFER TO SURVEY NO. 08-057. THIS SURVEY IS A COMPILATION USING DATA FROM PREVIOUS SURVEYS 08-060, 08-063 AS WELL AS DATA COLLECTED UNDER THIS SURVEY NUMBER, 08-057.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 1.8 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 OF THE PILOTS BOAT DOCK, AND REFERENCED FROM BENCHMARK "CABLE SOUTH PORT".
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 28KHZ (LOW FREQUENCY) TRANSDUCER FOR CUTS 1, 2, 3, T.A.C., T.T.B., M.T.B. AND THE W.A.C. AND A 200KHZ (HIGH FREQUENCY) TRANSDUCER FOR CUTS 1A, 1B, A, AND THE W.T.B.
9. AIDS TO NAVIGATION WERE COLLECTED FOR 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.

LEGEND	
*BM	BENCHMARK
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
	CAN BUOY
	NUN BUOY
	TIDE STAFF

BENCHMARK	NGVD ELEV. (FT)
CABLE SOUTH PORT	13.22



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

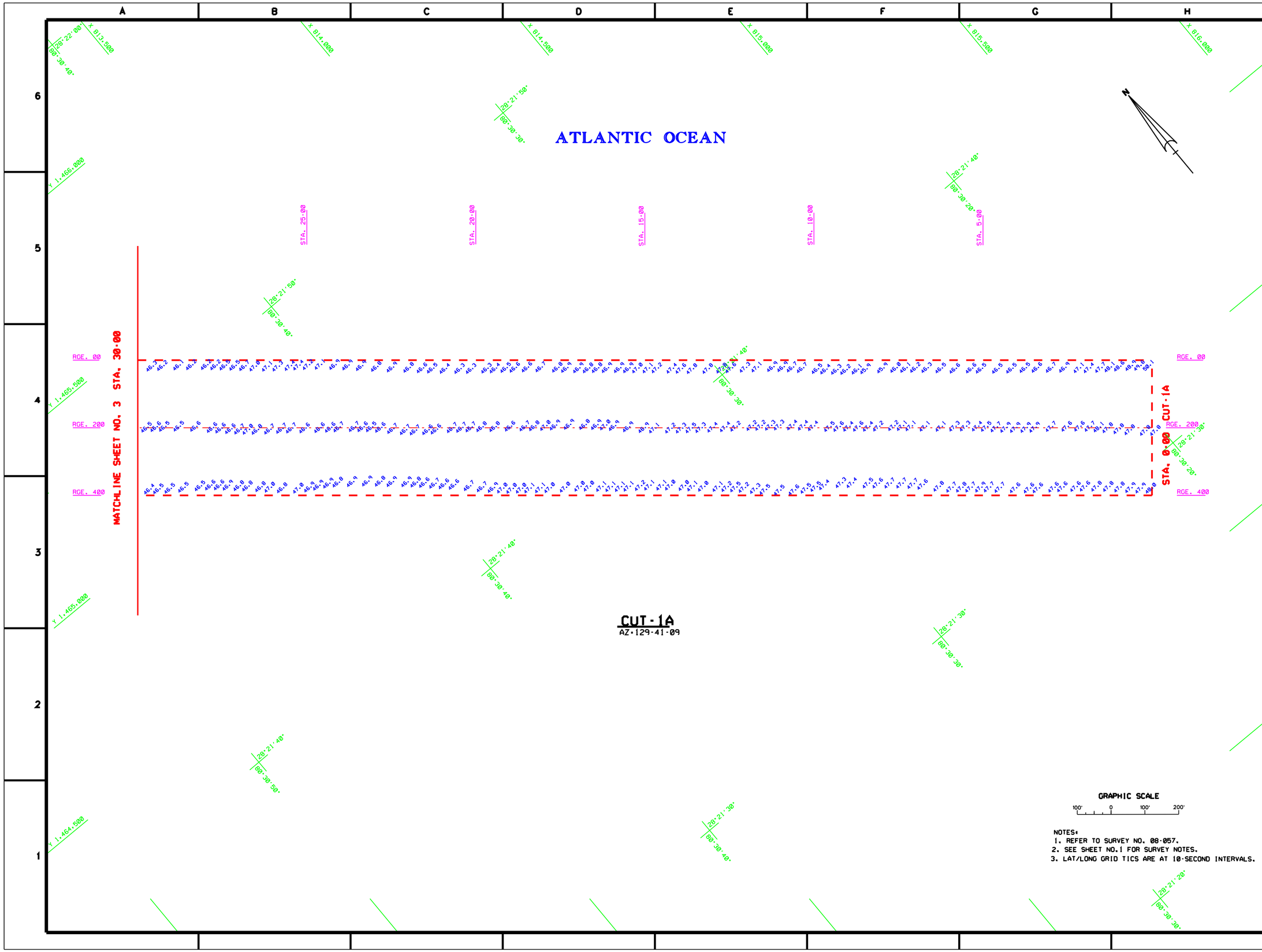
Inv. No. DACW17-XX-X-XXX
Dates: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX.X
Designed by: Drawn by: Chd by: XXXX
Dated: MAR 2008
D.O.FILE NO.

File name: 08-057SHO1.DGN
Reference files: BGORGB.DGN, CANTOPO83.DGN, NEWFLMAP.DGN, CHLAYOUT.DGN, CH-NEW83.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
41 AND 44-FOOT PROJECT
COVER SHEET
PLAN

DRAWING NO.
1/19

SHEET 1 OF 19



NOTES:
1. REFER TO SURVEY NO. 08-057.
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: XXIX

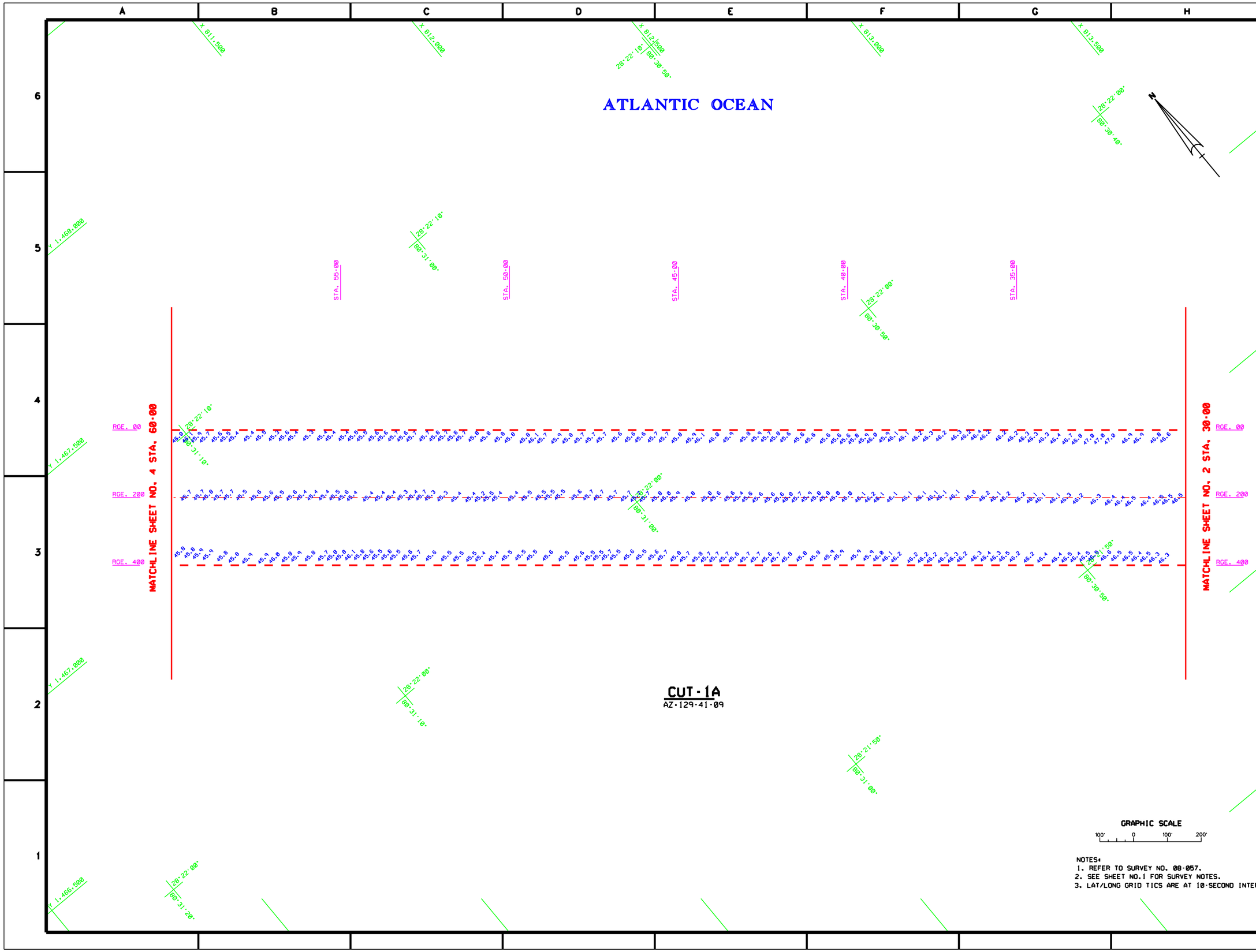
Designed by:
Dwn by: WRM
Ckd by: WRM
Dated: MAR 2008
D.O. FILE NO.

File name: 08-057SH02.DGN
Reference files: BRDR98.DGN CHLLTICS.DGN CH-HEIB3.DGN 08-057CIA_LL.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA. 0+00 THRU 30+00 CUT-1A
PLAN

DRAWING NO.
2/19

SHEET 2 OF 19



NOTES:
1. REFER TO SURVEY NO. 08-057.
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: XXIX

Designed by:
Dwn by: WRW
Ckd by: WRW

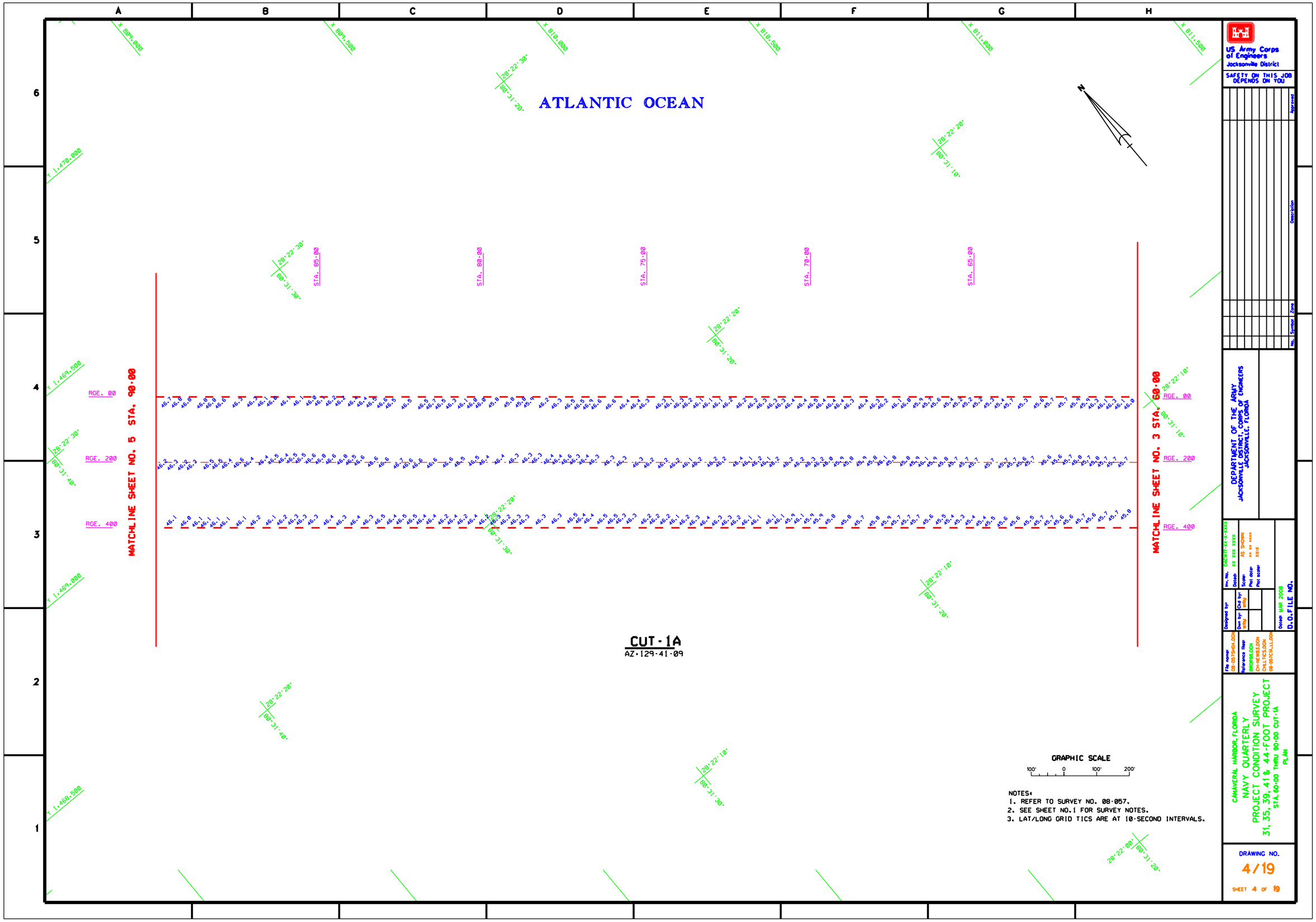
Dated: MAR 2008
D.O. FILE NO.

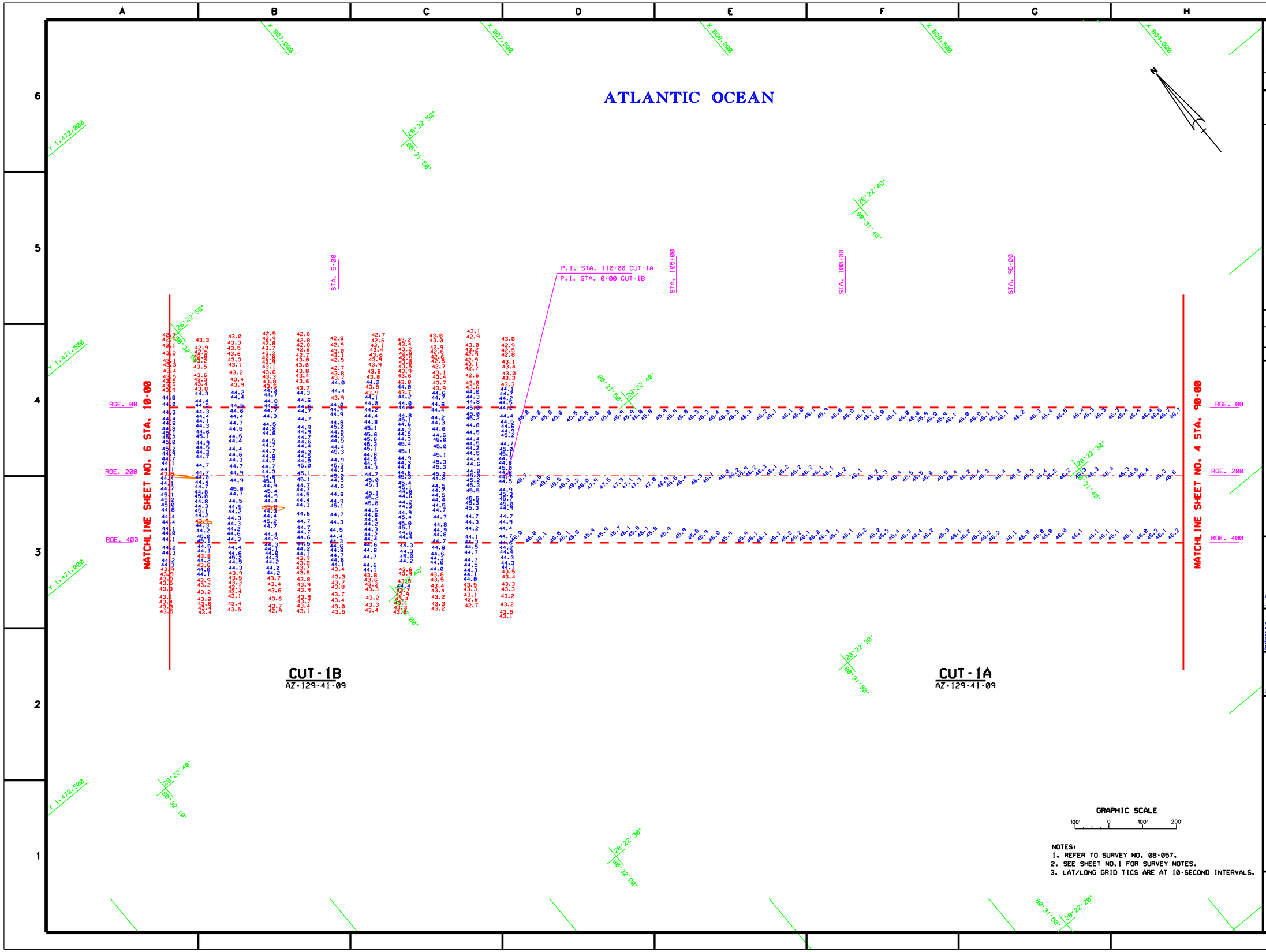
File name: 08-057SHD3.DGN
Reference files: BRDR98.DGN CH-NEW83.DGN CHLTICS.DGN 08-057CIA_LL.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA. 30+00 THRU STA. 60+00 CUT-1A
PLAN

DRAWING NO.
3/19

SHEET 3 OF 19


ATLANTIC OCEAN
MATCHLINE SHEET NO. 5 STA. 90+00
MATCHLINE SHEET NO. 3 STA. 60+00
RGE. 00
RGE. 200
RGE. 400
STA. 85+00
STA. 80+00
STA. 75+00
STA. 70+00
STA. 65+00
CUT-1A
AZ=129-41-09
GRAPHIC SCALE
100' 0 100' 200'
NOTES:
1. REFER TO SURVEY NO. 08-057.
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
CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA 60+00 THRU 90+00 CUT-1A
PLAN
DRAWING NO.
4/19
SHEET 4 OF 19



NOTES:
1. REFER TO SURVEY NO. 08-057.
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: | Dwn by: WRW | Ckd by: WRW | Inv. No. | Dated: | Scale: | Plot date: | Plot scale:

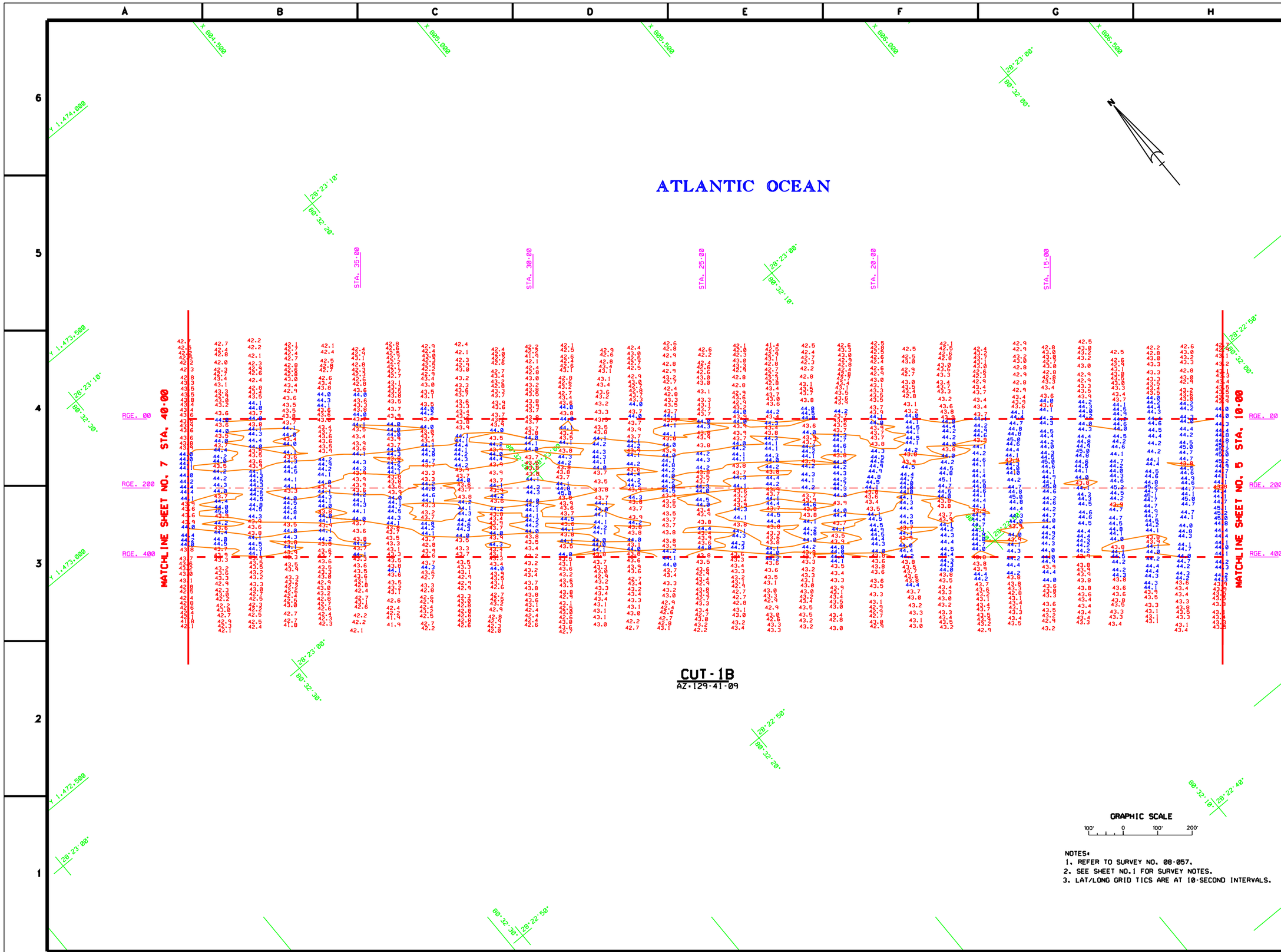
Dated: MAR 2008
D.O. FILE NO.

File name: 08-057SH05.DGN
Reference files: BRDR98.DGN, CH-NEW83.DGN, CHLLTICS.DGN, 08-057CIB_H.DGN, 08-057CIA_LL.DGN, CON44.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA. 90+00 CUT-1A THRU STA. 10+00 CUT-1B
PLAN

DRAWING NO.
5/19

SHEET 5 OF 19



NOTES:
1. REFER TO SURVEY NO. 08-057.
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

Inv. No. DACW17-99-C-0044
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by:
Dwn by: WRW
Ckd by: WRW

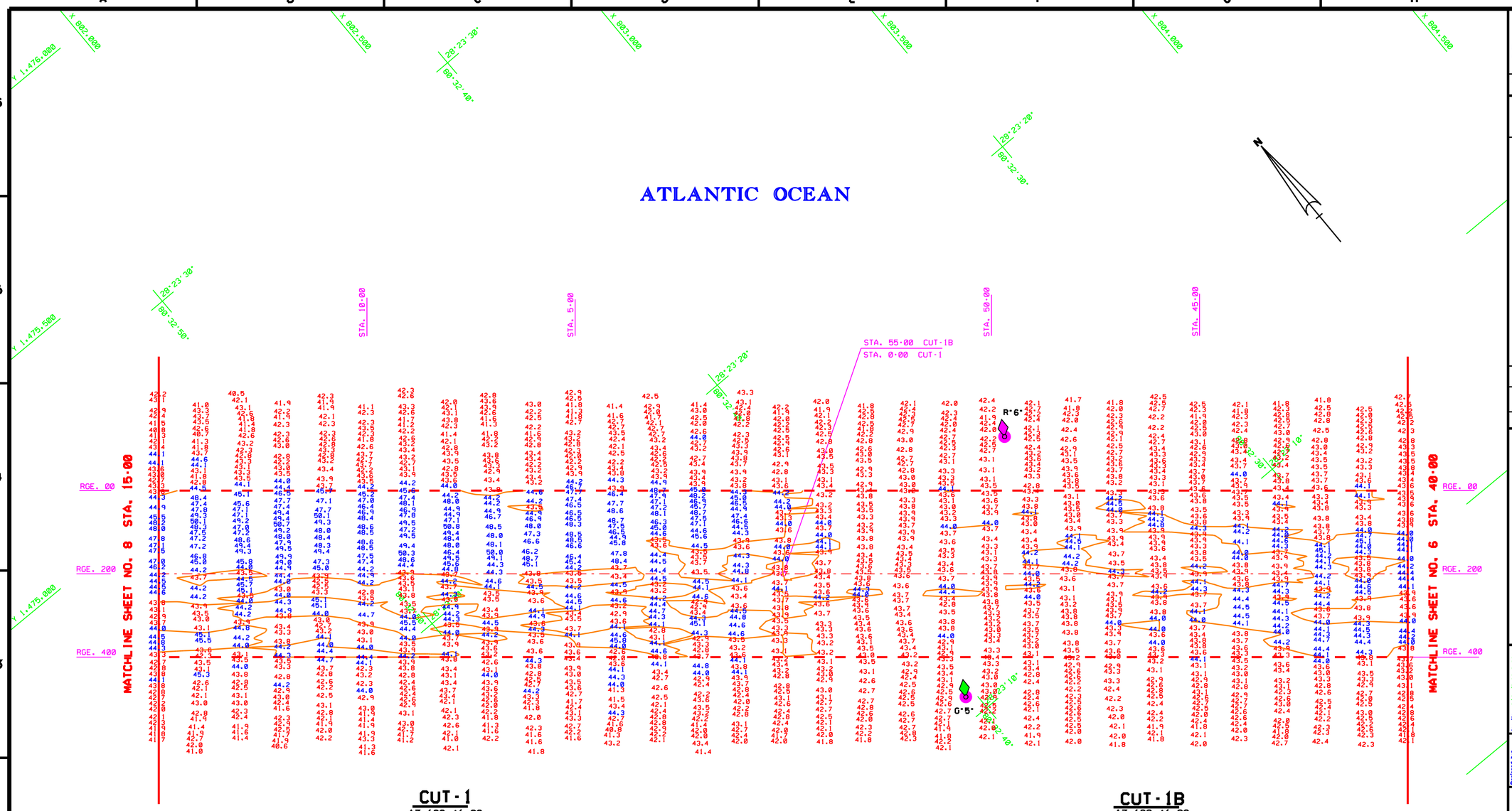
Dated: MAR 2008
D.O.FILE NO.

File name: 08-057SH06.DGN
Reference files: BRDR98.DGN CH-NEW83.DGN CHLTICS.DGN 08-057CH8_H.DGN CONA4.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA. 10+00 THRU STA. 40+00 CUT-1B
PLAN

DRAWING NO.
6/19

SHEET 6 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5 (03/08)	802.620	1,473,411	28°23'10.52"	80°32'40.25"
LT. BUOY-6 (03/08)	803.091	1,473,833	28°23'14.68"	80°32'34.96"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-057.
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-0044
Dataset XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

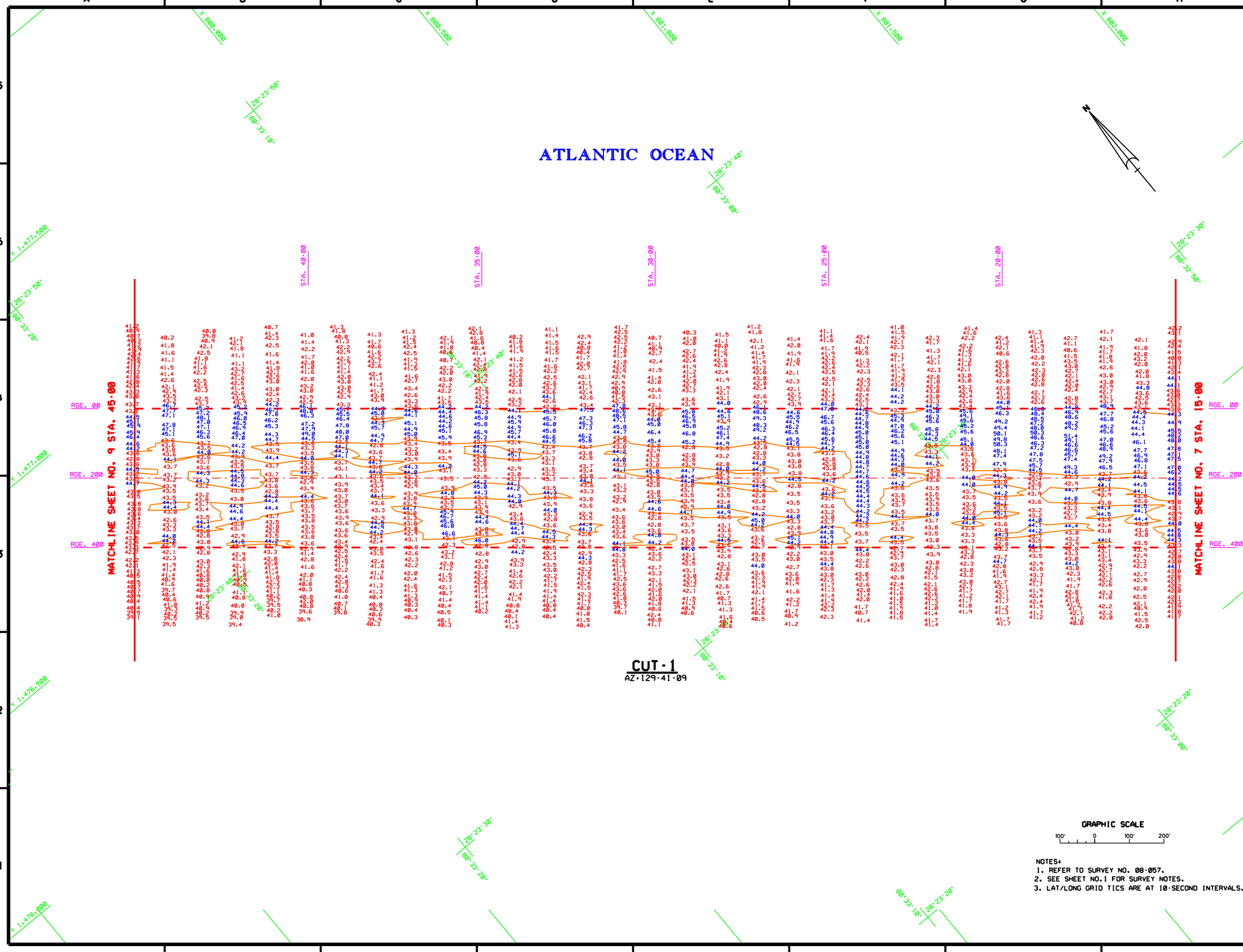
Designed by:
Dwn by: BRW
Ckd by: BRW
Dataset MAR 2008
D.O.FILE NO.

File name: 08-057SHEET.DGN
Reference files: BRDRBL.DGN CH-NEWS.DGN CHKLTS.DGN CHKLTS_SUM.DGN 08-057CT1.DGN 08-057NAV.DGN CHART.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA.40+00 CUT-1B THRU STA.15+00 CUT-1
PLAN

DRAWING NO.
7/19

SHEET 7 OF 19



NOTES:
1. REFER TO SURVEY NO. 08-057.
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

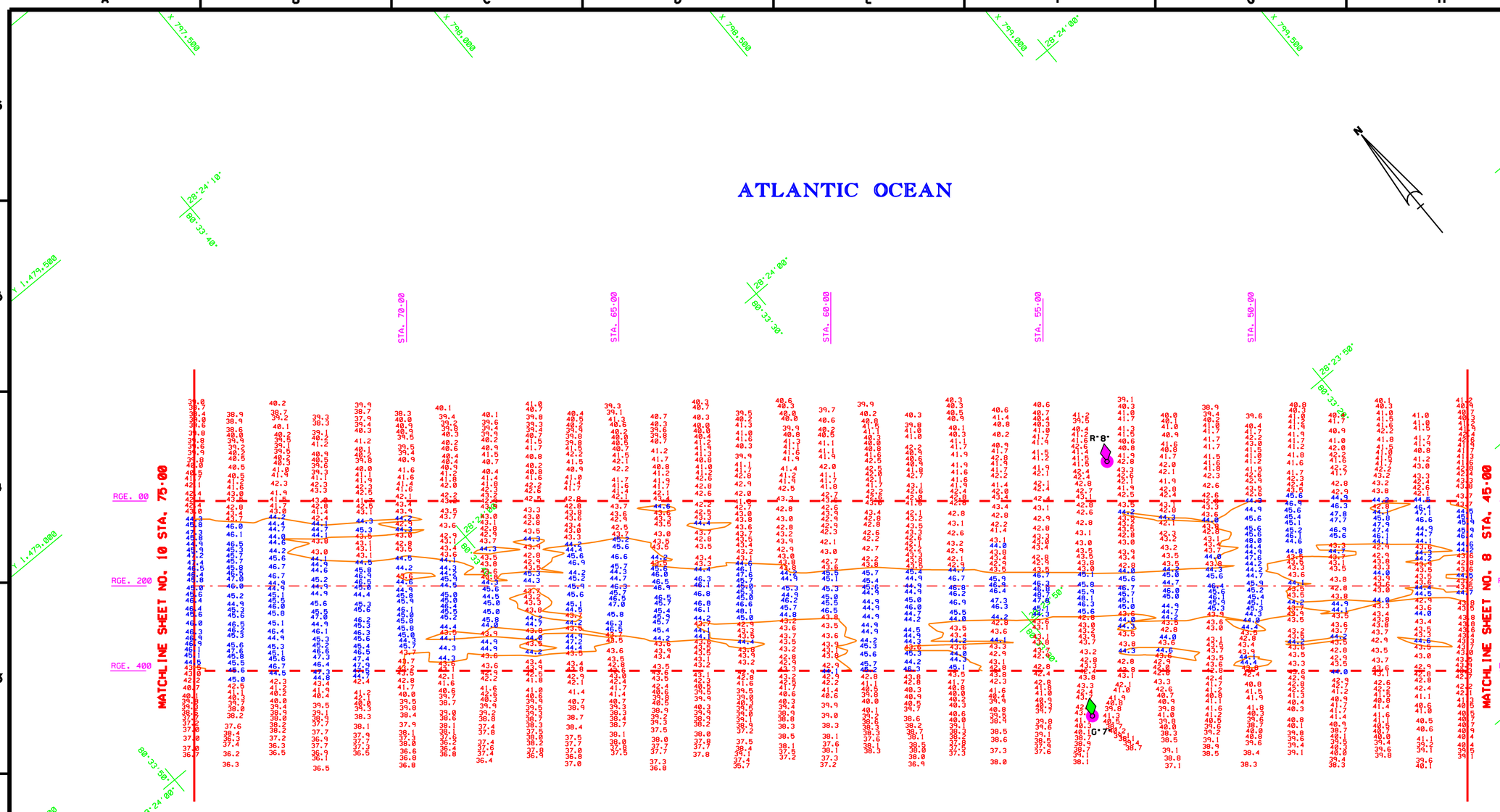
DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

Inv. No. DACW17-XX-X-XXXX
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Designed by:
Dwn by: WRJ
Ckd by: WRJ
Date: MAR 2008
D.O.FILE NO.
File name: 08-057SH08.DGN
Reference files: BRDR98.DGN CH-NEW83.DGN CHLTICS.DGN 08-063CT1.DGN CDN44.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA. 15+00 THRU STA. 45+00 CUT-1
PLAN

DRAWING NO.
8/19

SHEET 8 OF 19



CUT-1

AZ-129-41-09

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-7 (03/08)	798,133	1,477,121	28°23'47.41"	80°33'30.33"
LT. BUOY-8 (03/08)	798,542	1,477,560	28°23'51.75"	80°33'25.73"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-057.
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

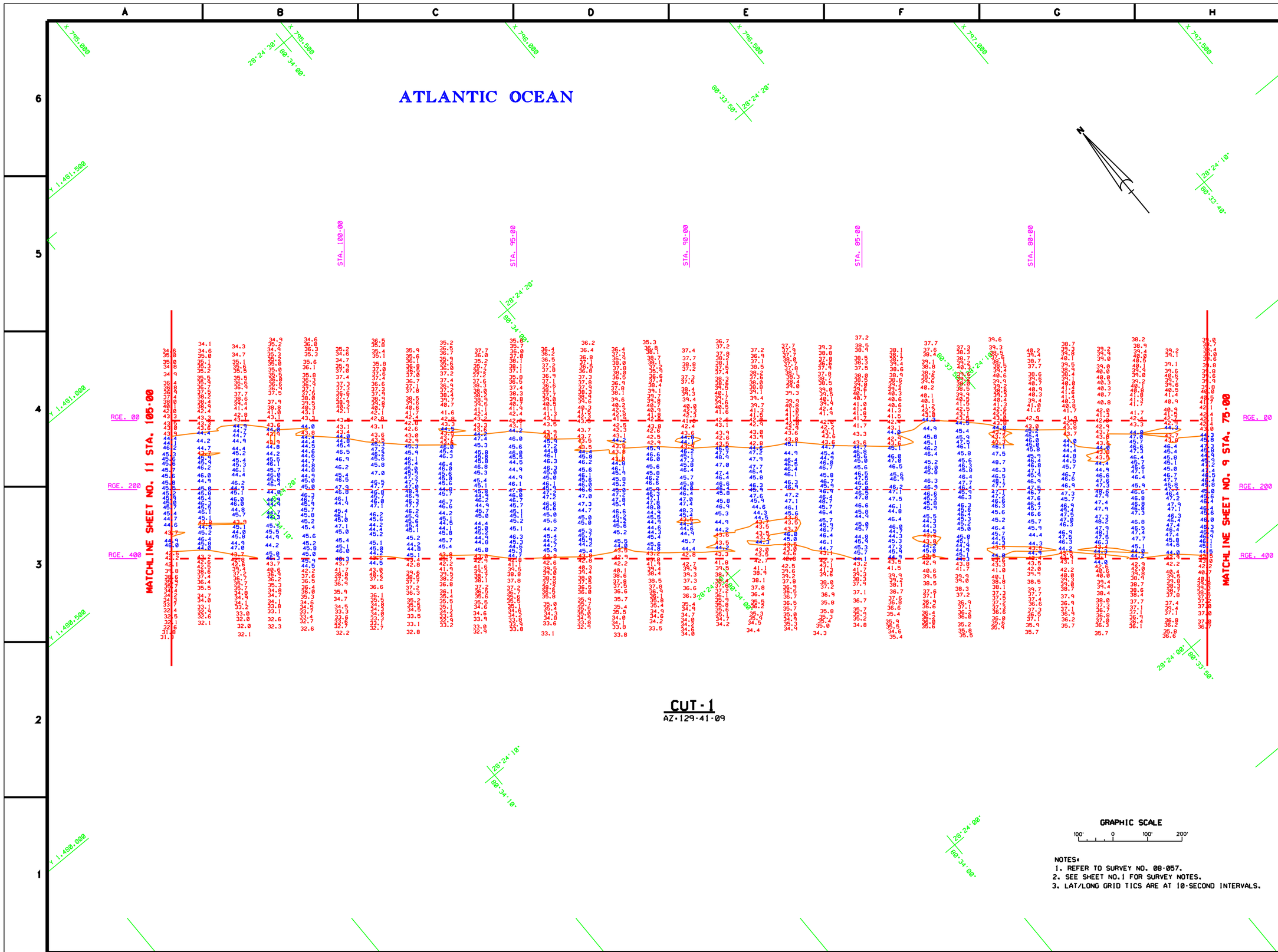
Inv. No. DACW17-99-B-0011
Design by
Dwn by
Chd by
Scale AS SHOWN
Plot date
Plot scale
Date MAR 2008
D.O.FILE NO.

File name 08-057SHD.DGN
Reference files BRDRGB.DGN CH-HEREL.DGN 08-08SECT1.DGN CHLLTICS.DGN 08-057NAV.DGN CDR44.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA.45+00 THRU STA. 75+00 CUT-1
PLAN

DRAWING NO.
9/19

SHEET 9 OF 19



NOTES:
1. REFER TO SURVEY NO. 08-057.
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

Inv. No. DACW17-99-B-0011
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX

Designed by:
Dwn by: WRW
Ckd by: WRW

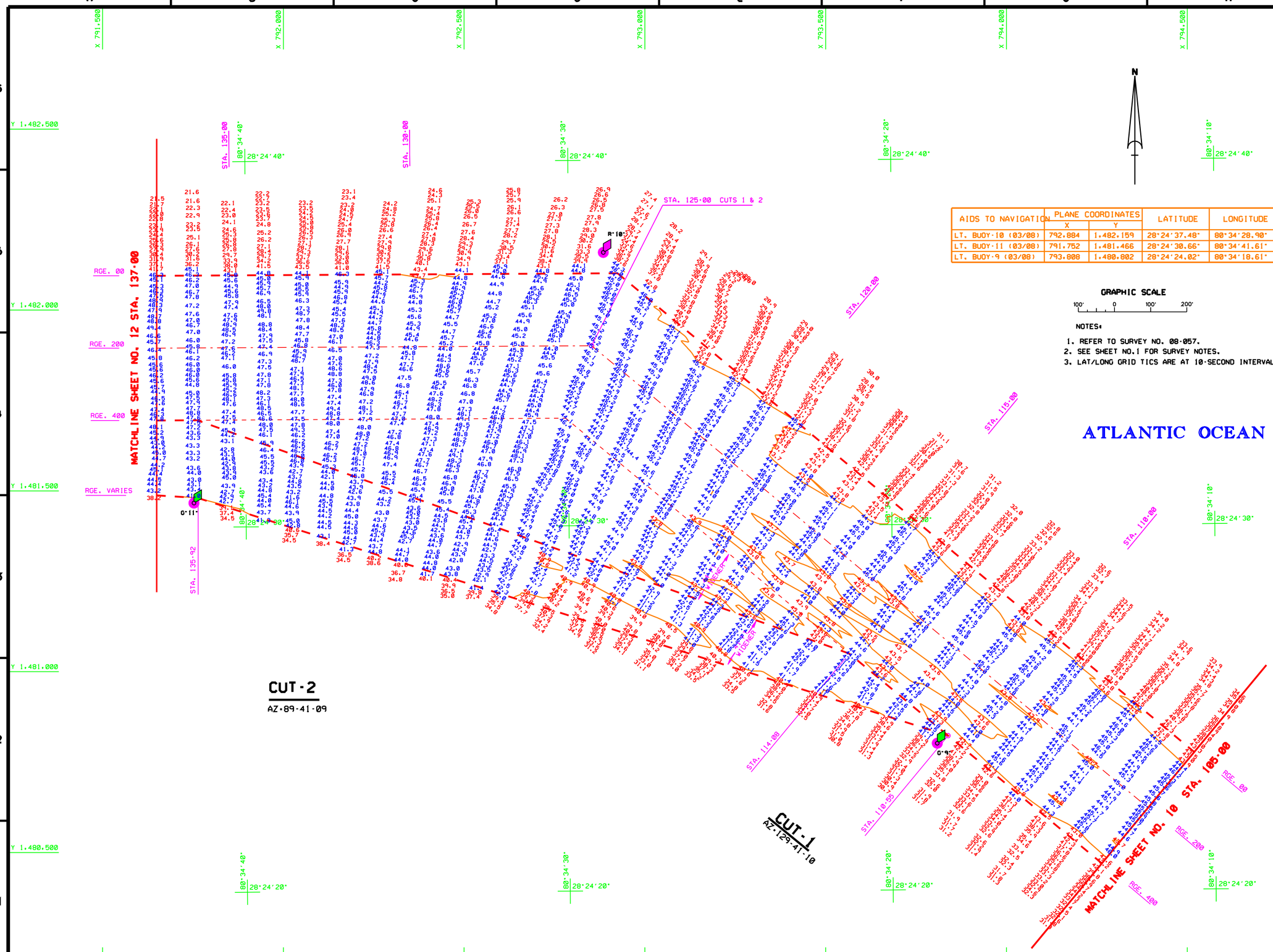
Date: MAR 2008
D.O. FILE NO.

File name: 08-057SH10.DGN
Reference files: BRDR98.DGN CH-NEW83.DGN CHLLTICS.DGN 08-057CT1.DGN 08-063CT1.DGN CON44.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
41 & 44-FOOT PROJECT
STA. 75+00 THRU STA. 105+00 CUT-1
PLAN

DRAWING NO.
10/19

SHEET 10 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-10 (03/08)	792,884	1,482,159	28°24'37.48"	80°34'28.90"
LT. BUOY-11 (03/08)	791,752	1,481,466	28°24'30.66"	80°34'41.61"
LT. BUOY-9 (03/08)	793,808	1,480,802	28°24'24.02"	80°34'18.61"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 08-057.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
3. LAT/LONG GRID TICS ARE AT 10-SECOND INTERVALS.

ATLANTIC OCEAN

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-B-0011
Dates: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by:
Dwn by: JRW
Ckd by: JRW
Dates: MAR 2008
D.O.FILE NO.

File name: 08-0175H1.DGN
Reference files: 8X0098.DGN, CH-NEWB.DGN, 08-0175T1.DGN, 08-0175T11.DGN, 08-0175T12.DGN, 08-0175T13.DGN, CONV1.DGN, CONV2.DGN

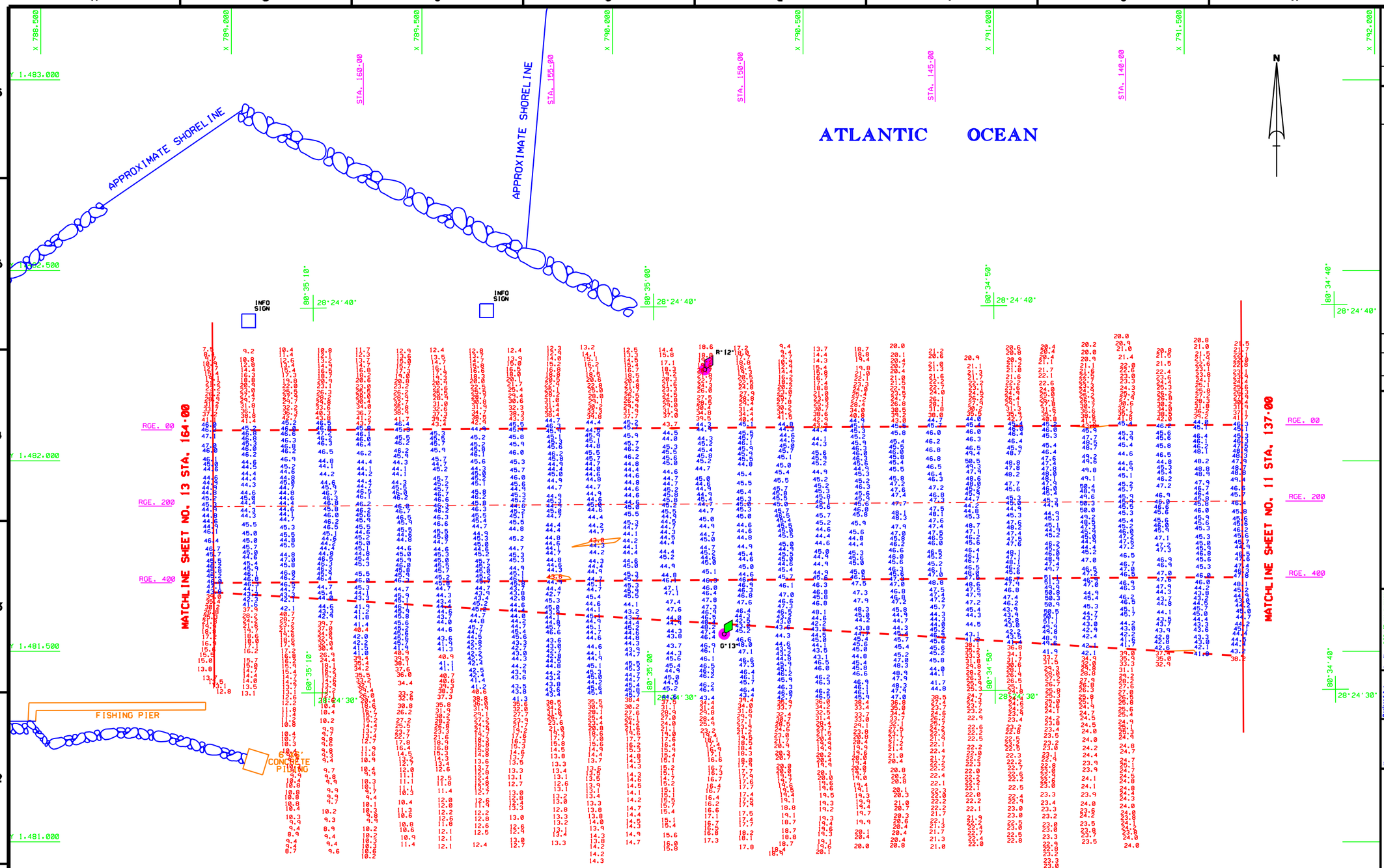
CANAVERAL HARBOR, FLORIDA

NAVY QUARTERLY
PROJECT CONDITION SURVEY
41 AND 44-FOOT PROJECT

STA. 105+00 CUT-1 THRU STA. 137+00 CUT-2
PLAN

DRAWING NO.
11/19

SHEET 11 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-12 (03/08)	790.242	1.482.239	28°24'38.37"	80°34'58.49"
LT. BUOY-13 (03/08)	790.293	1.481.545	28°24'31.50"	80°34'57.95"
SIGN (03/08)	789.669	1.482.394	28°24'39.92"	80°35'04.90"
SIGN (03/08)	789.045	1.482.367	28°24'39.68"	80°35'11.89"

CUT-2
AZ-89-41-09

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-057.
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
Date: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXXX

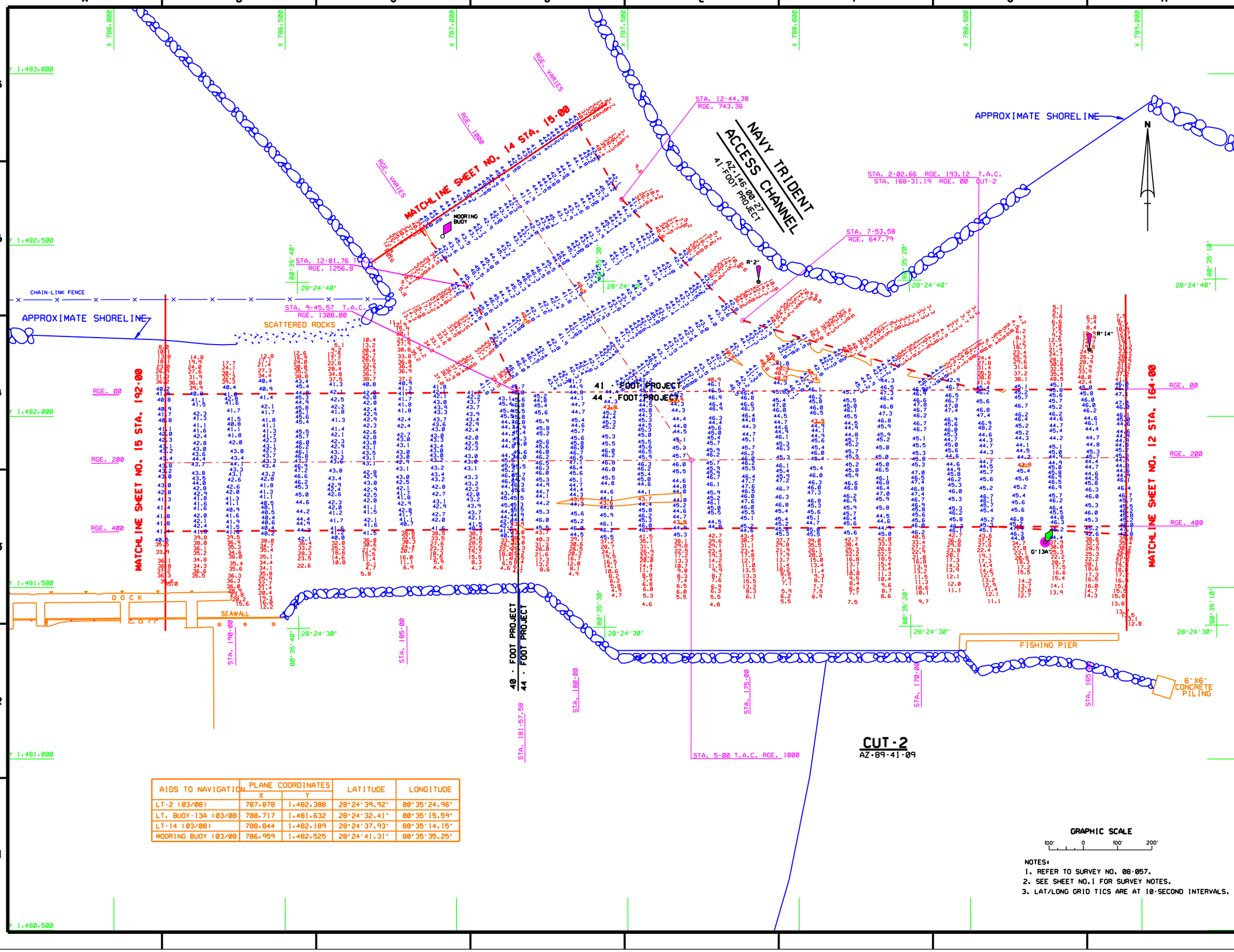
Designed by:
Dwn by: WMB
Ckd by: WMB
Date: MAR 2008
D.O. FILE NO.

File name: 08-057SHEET2.DGN
Reference files: BROWSER.DGN CH-HEB13.DGN CH-HEB12.DGN CAN1DPCS02.DGN 08-057C12.DGN 08-057MAN.DGN CON-1.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA. 137+00 THRU STA. 164+00 CUT-2
PLAN

DRAWING NO.
12/14

SHEET 12 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-2 (03/08)	787.878	1.482.388	28°24'39.92"	80°35'24.96"
LT. BUOY-13A (03/08)	788.717	1.481.632	28°24'32.41"	80°35'15.59"
LT-14 (03/08)	788.844	1.482.189	28°24'37.93"	80°35'14.15"
MOORING BUOY (03/08)	786.959	1.482.525	28°24'41.31"	80°35'35.25"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-057.
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

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

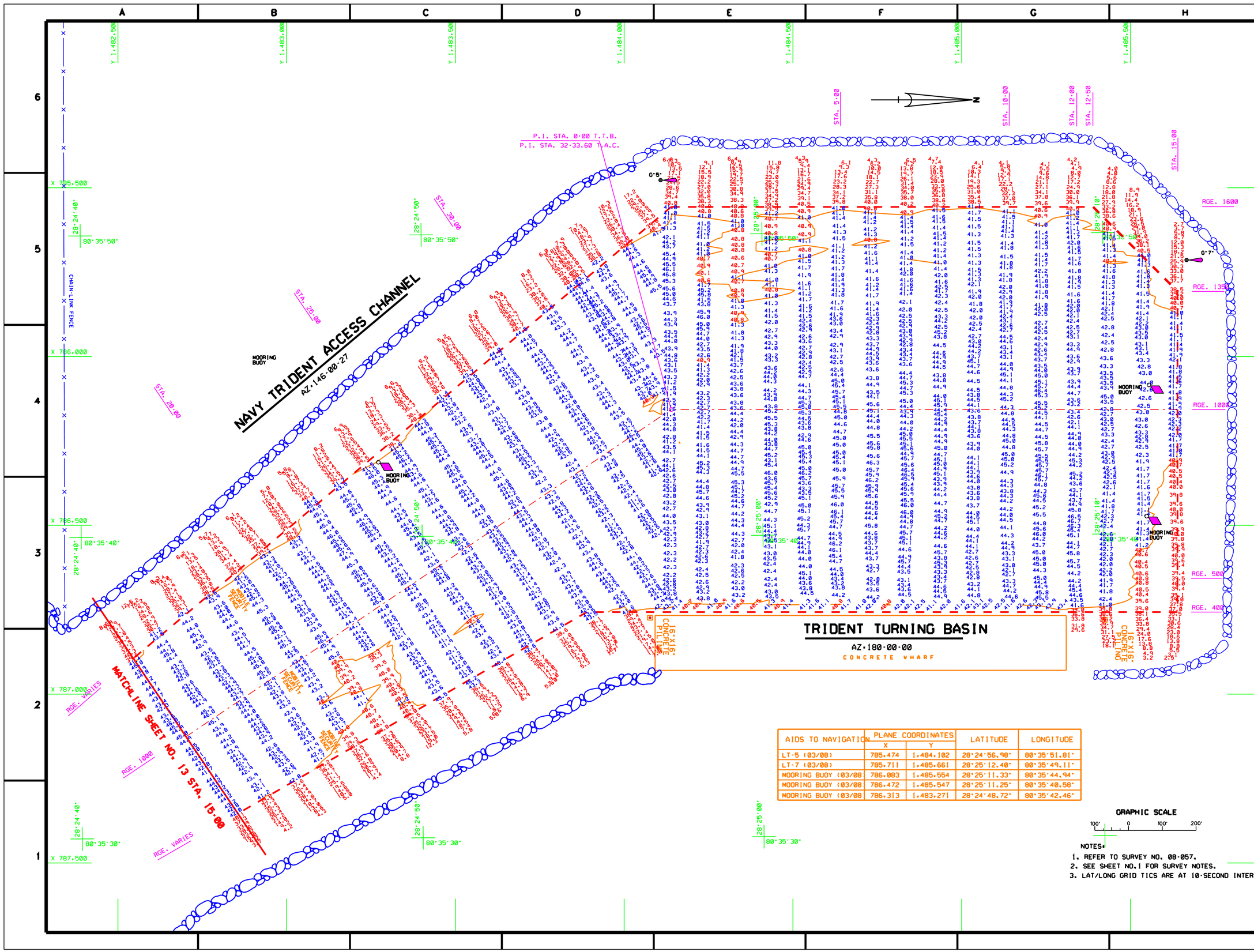
Designed by: JMW
Dwn by: JMW
Chk by: JMW
Date: MAR 2008
D.O. FILE NO.

File name: 08-057SHI3.DGN
Reference files: BROPSB.DGN CHUNES3.DGN 08-057NAV.DGN 08-057CUT2.DGN 08-057CT23.DGN 08-057TAC.DGN COM41.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA. 164+00 THRU STA. 192+00 CUT-2
PLAN

DRAWING NO.
13/19

SHEET 13 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT-5 (03/08)	785.474	1,484.102	28°24'56.98"	80°35'51.81"
LT-7 (03/08)	785.711	1,485.661	28°25'12.40"	80°35'49.11"
MOORING BUOY (03/08	786.083	1,485.554	28°25'11.33"	80°35'44.94"
MOORING BUOY (03/08	786.472	1,485.547	28°25'11.25"	80°35'40.58"
MOORING BUOY (03/08	786.313	1,483.271	28°24'48.72"	80°35'42.46"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 08-057.
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-XXX
Datum: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX

Designed by:
Dwn by: TRW
Ckd by: TRW

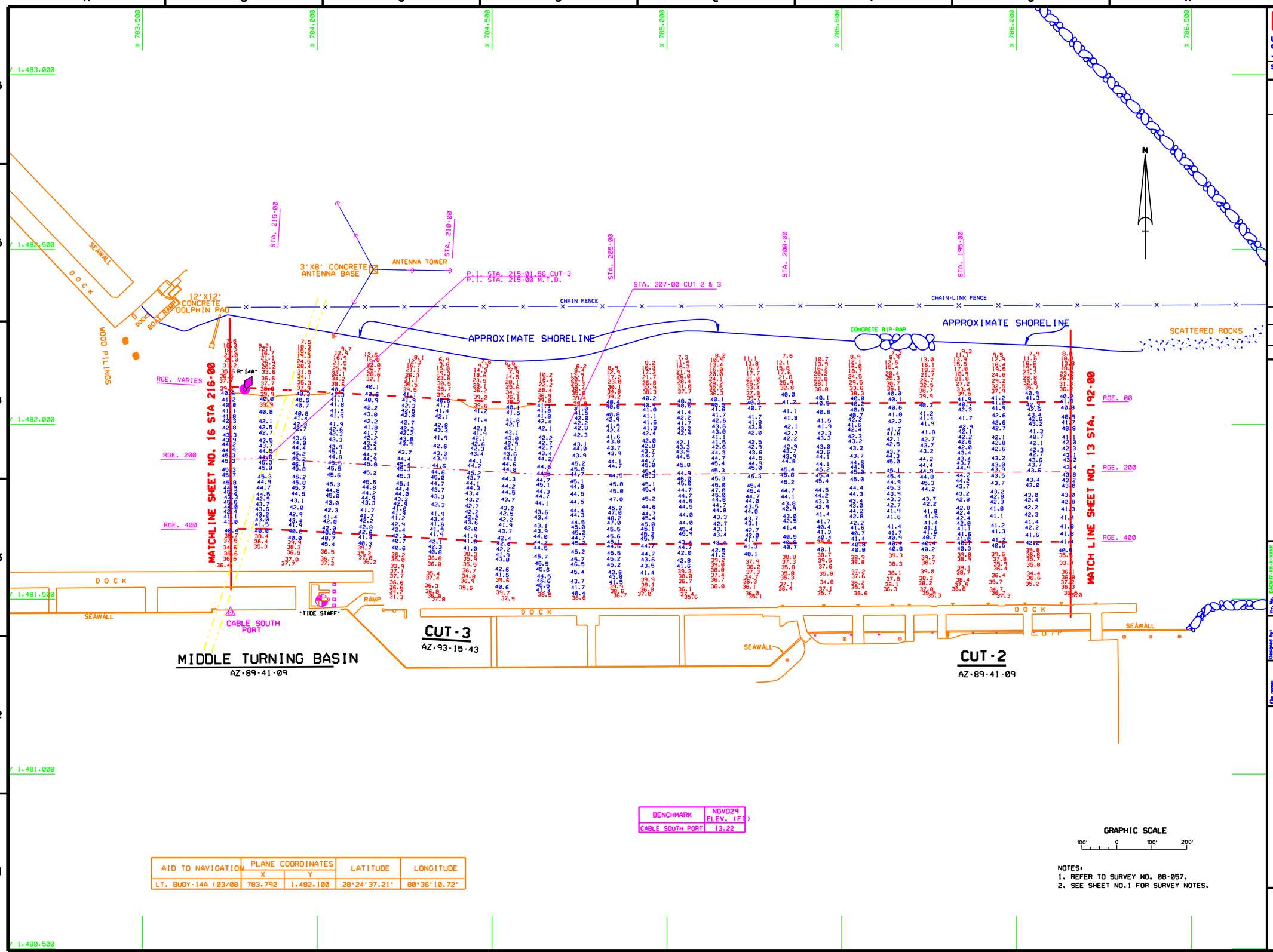
Date: MAR 2008
D.O.F.FILE NO.

File name: 08-057SHL.DGN
Reference files: BEOPSB.DGN CH-NEWB3.DGN CHLLTK3.DGN CHLLTK4.DGN CANTOPO83.DGN 08-057TRZ.DGN 08-057TRZ1.DGN 08-057TRZ2.DGN 08-057TRZ3.DGN CHARTPOS.DGN

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41, & 44-FOOT PROJECT
TRIDENT ACCESS CHANNEL & TURNING BASIN
PLAN

DRAWING NO.
14/19

SHEET 14 OF 19



BENCHMARK	NGVD29 ELEV. (FT)
CABLE SOUTH PORT	13.22

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-14A (03/08)	783.792	1.482.100	28°24'37.21"	80°36'10.72"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 08-057.
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

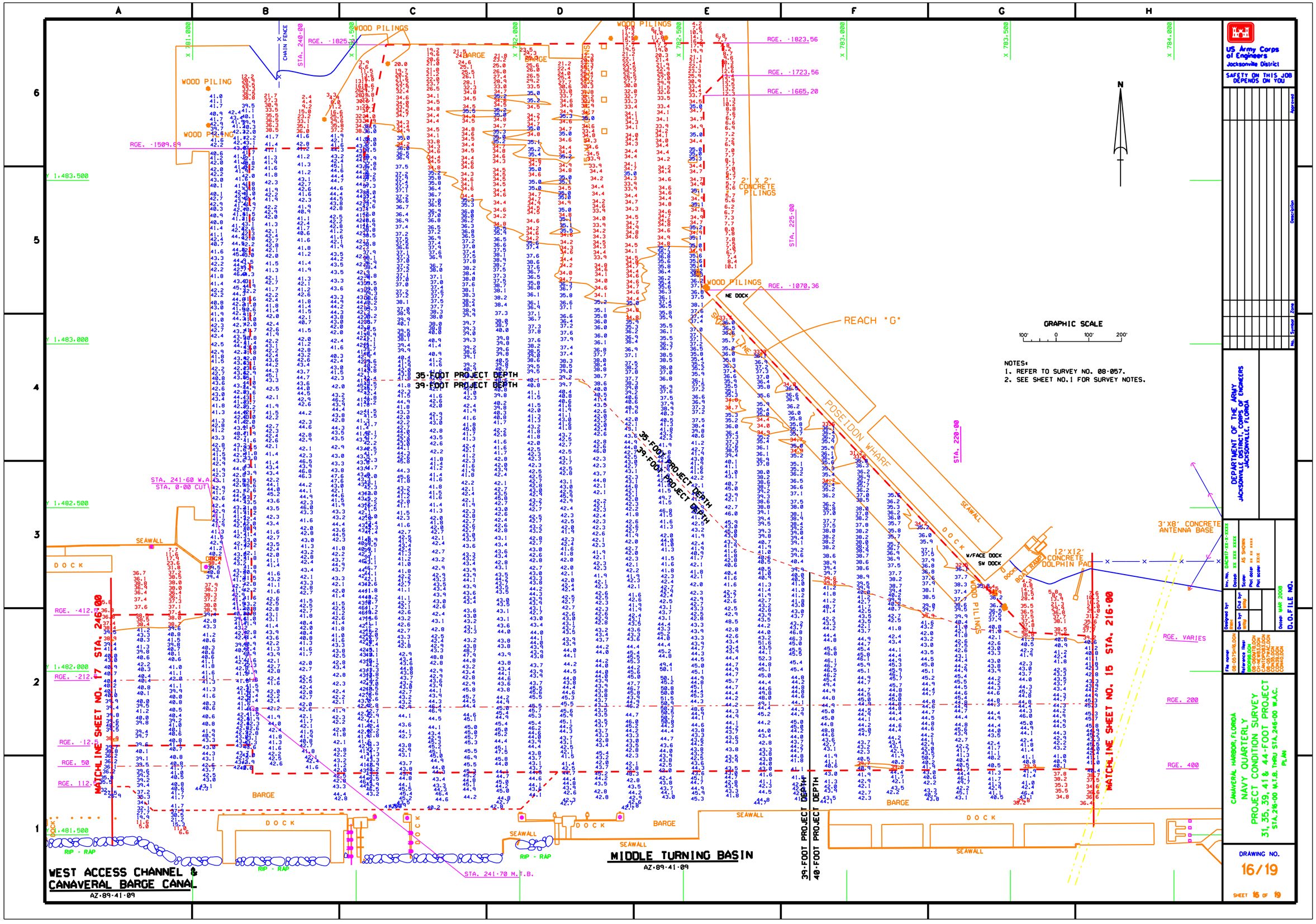
Designed by:
Dwn by: Chkd by: APPR
Dates: MAR 2008
D.O.FILE NO.

File name: 08-057SHB.DGN
Reference files: BRD098.DGN CH-NEW03.DGN 08-057CT2.DGN 08-057CT3.DGN 08-057NAV.DGN 08-057BUOY.DGN CONHD.DGN

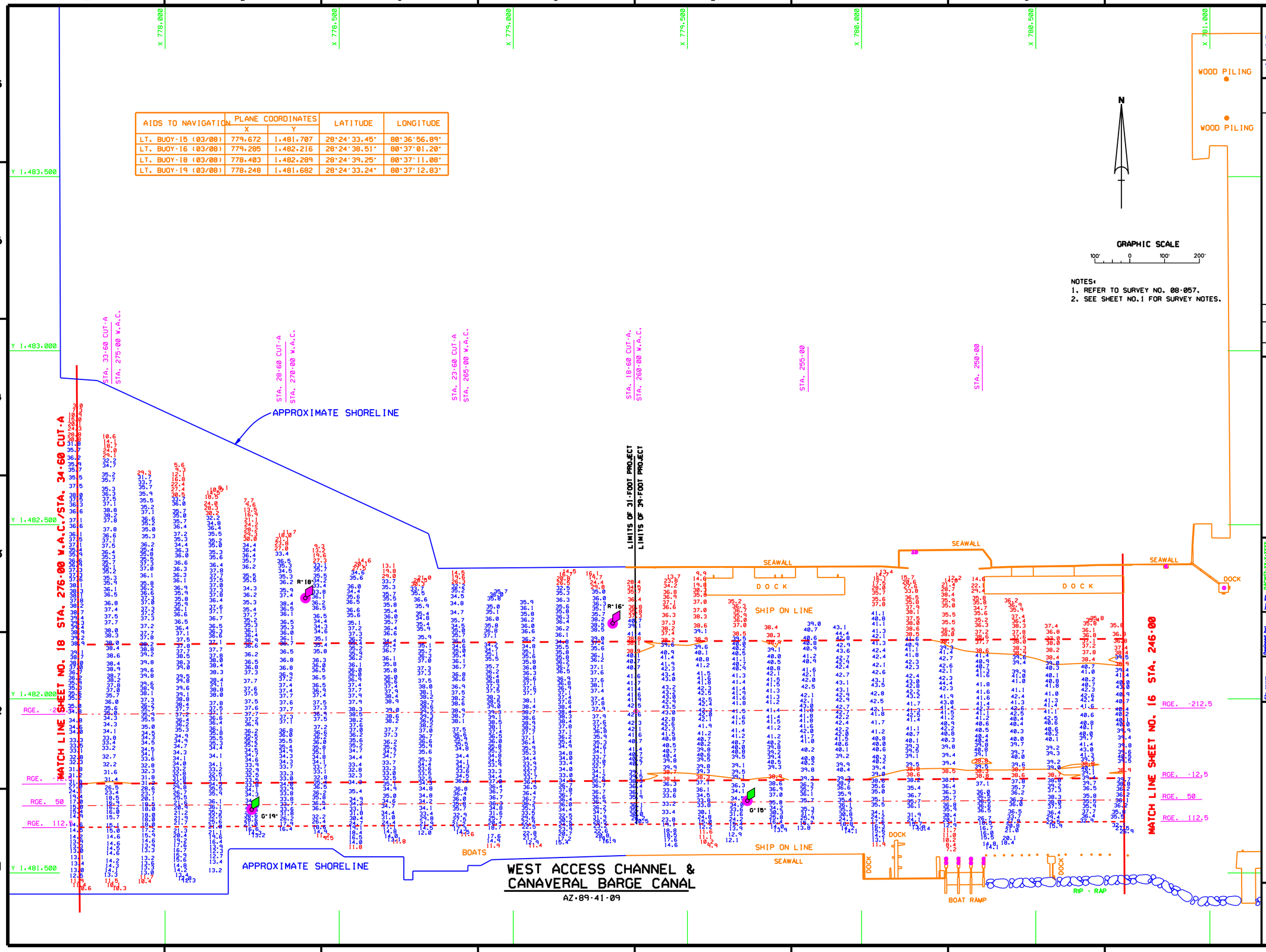
CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA. 192+00 CUT-2 THRU STA.216+00 M.T.B.
PLAN

DRAWING NO.
15/19

SHEET 15 OF 19


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
CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA.216-00 W.I.B. THRU STA.246-00 W.A.C.
PLAN
DRAWING NO.
16/19
SHEET 16 OF 19
Date: MAR 2008
D.O.FILE NO.
GRAPHIC SCALE
NOTES:
1. REFER TO SURVEY NO. 08-057.
2. SEE SHEET NO.1 FOR SURVEY NOTES.
WOOD PILINGS
CHAIN FENCE
STA. 240-00
RGE. -1825
RGE. -1509.69
RGE. -1823.56
RGE. -1723.56
RGE. -1665.20
RGE. -1070.36
2' X 2' CONCRETE PILINGS
STA. 225-00
NE DOCK
REACH "G"
POSEIDON WHARF
STA. 220-00
35-FOOT PROJECT DEPTH
39-FOOT PROJECT DEPTH
40-FOOT PROJECT DEPTH
STA. 241-60 W.A.C.
STA. 0+00 CUT
SEAWALL
DOCK
BARGE
RIP - RAP
W/FACE DOCK
SW DOCK
12'X12' CONCRETE DOLPHIN PAD
3'X8' CONCRETE ANTENNA BASE
RGE. VARIES
RGE. 200
RGE. 400
RGE. -412.
RGE. -212.
RGE. -12.
RGE. 50
RGE. 112.
MATCHLINE SHEET NO. 17 STA. 246-00
MATCHLINE SHEET NO. 15 STA. 216-00
STA. 241+70 M.T.B.
WEST ACCESS CHANNEL & CANAVERAL BARGE CANAL
AZ-89-41-09
MIDDLE TURNING BASIN
AZ-89-41-09
N

AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-15 (03/08)	779.672	1.481.707	28°24'33.45"	80°36'56.89"
LT. BUOY-16 (03/08)	779.285	1.482.216	28°24'38.51"	80°37'01.20"
LT. BUOY-18 (03/08)	778.403	1.482.289	28°24'39.25"	80°37'11.08"
LT. BUOY-19 (03/08)	778.248	1.481.682	28°24'33.24"	80°37'12.83"



NOTES:
1. REFER TO SURVEY NO. 08-057.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

WEST ACCESS CHANNEL & CANAVERAL BARGE CANAL

AZ-89-41-09

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

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

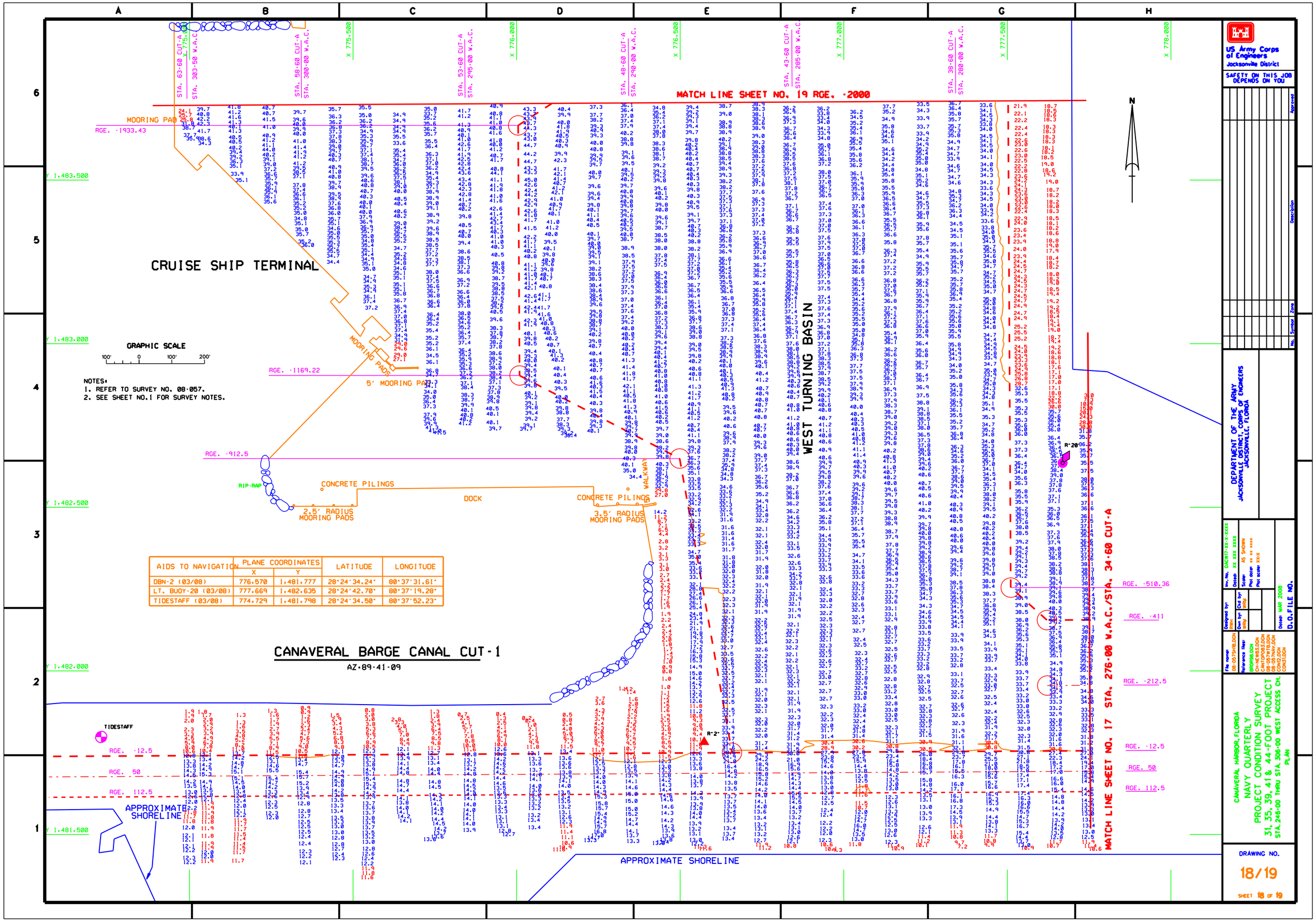
Designed by FWH
Dwn by FWH
Chk by FWH
Date MAR 2008
D.O.FILE NO.

File name 08-057SHT.DGN
Reference files BGCRSB.DGN CANTOPOB3.DGN CH-NE983.DGN CH-NE984.DGN 08-057BTB.DGN 08-057NAV.DGN CANTOPOB.DGN CORS9.DGN

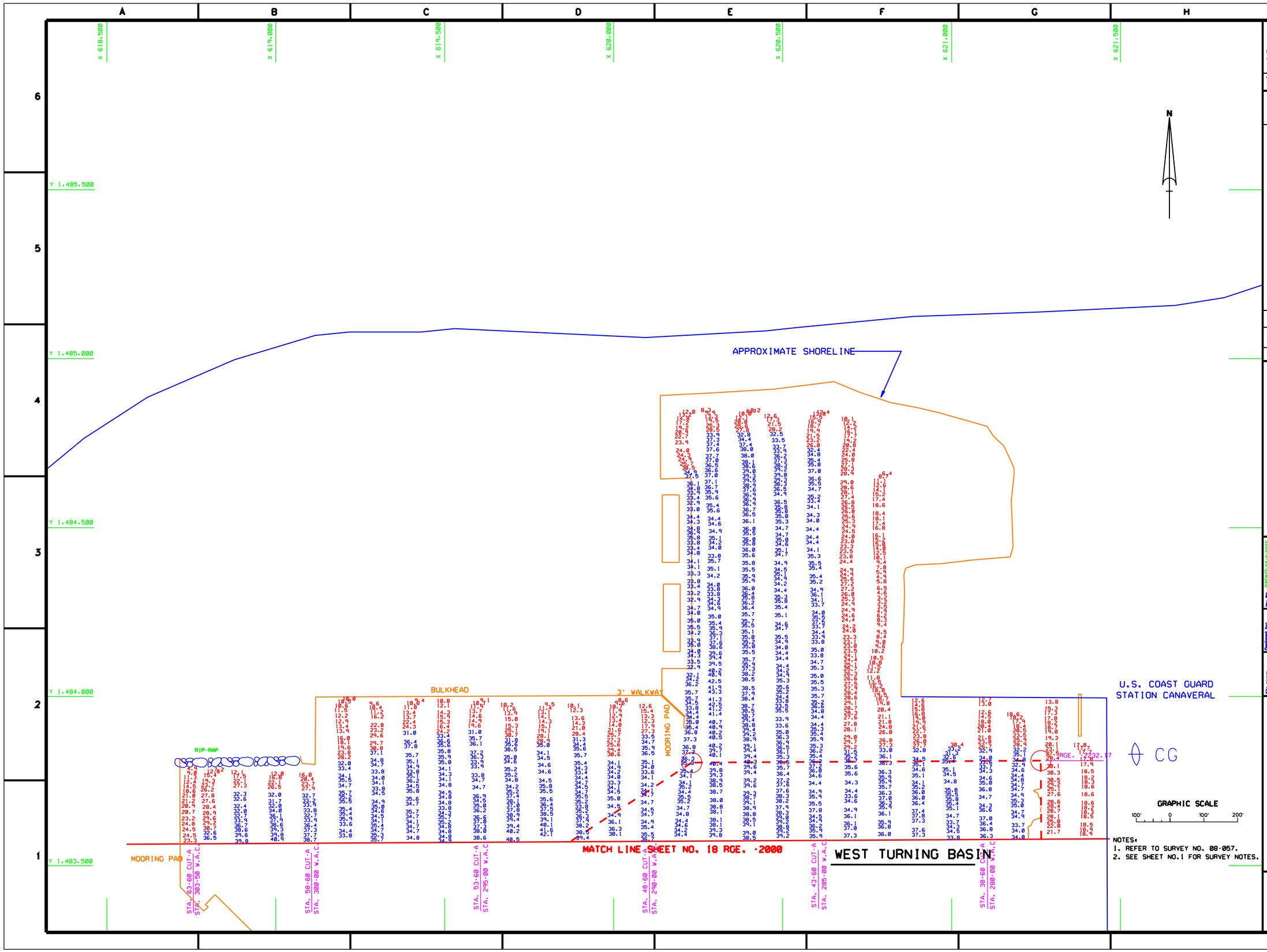
CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA.246+00 THRU STA.276+00 WEST ACCESS CH
PLAN

DRAWING NO.
17/19

SHEET 17 OF 19



AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
DBN-2 (03/08)	776.570	1.481.777	28°24'34.24"	80°37'31.61"
LT. BUOY-20 (03/08)	777.669	1.482.635	28°24'42.70"	80°37'19.28"
TIDESTAFF (03/08)	774.729	1.481.798	28°24'34.50"	80°37'52.23"



NOTES:
1. REFER TO SURVEY NO. 08-057.
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

CANAVERAL HARBOR, FLORIDA
NAVY QUARTERLY
PROJECT CONDITION SURVEY
31, 35, 39, 41 & 44-FOOT PROJECT
STA. 246+00 THRU STA. 306+00 WEST ACCESS CH.
PLAN

Inv. 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: WRM
Ckd by: WRM
Date: MAR 2008
D.O. FILE NO.

DRAWING NO.
19/19
SHEET 19 OF 19