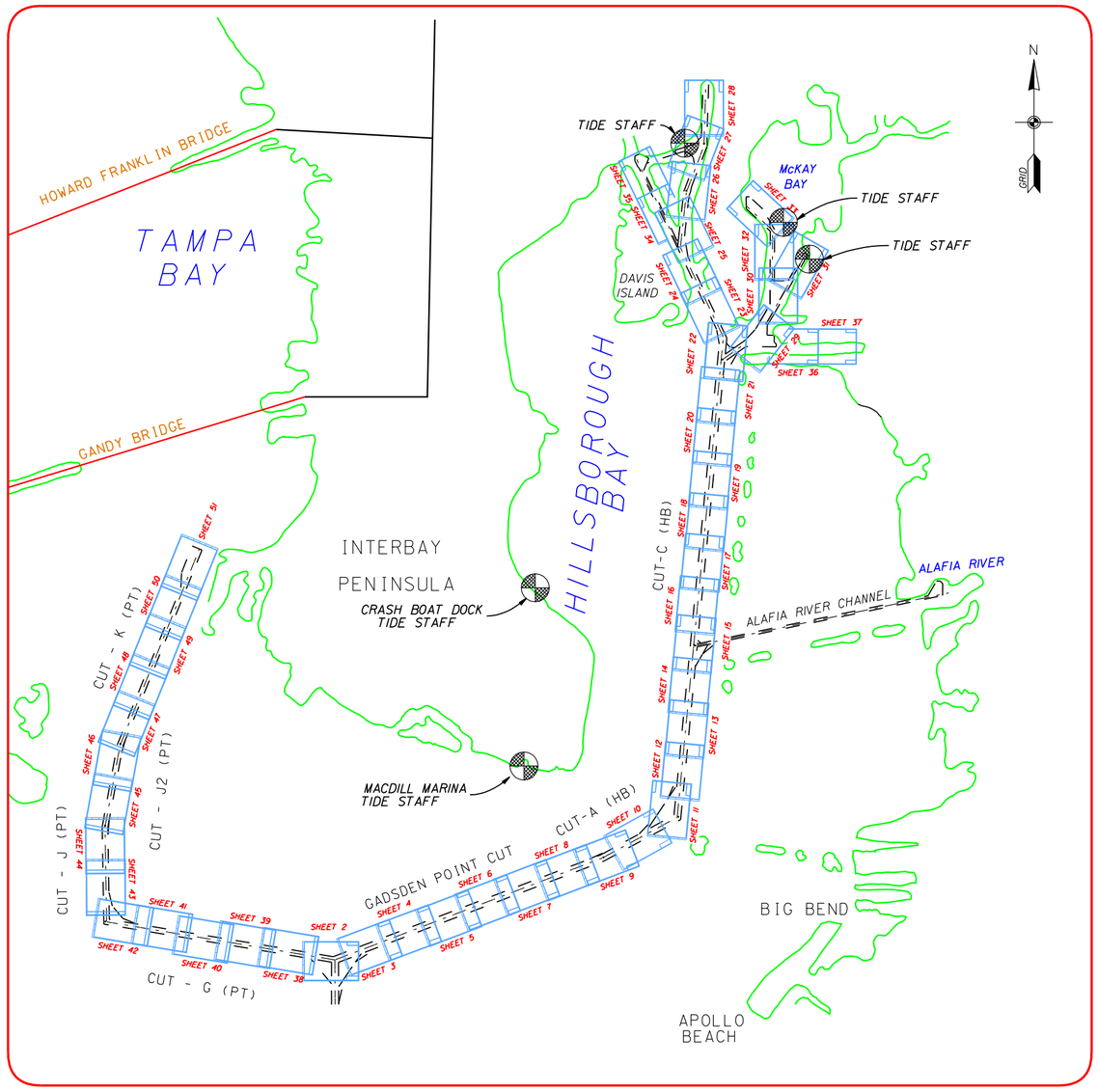
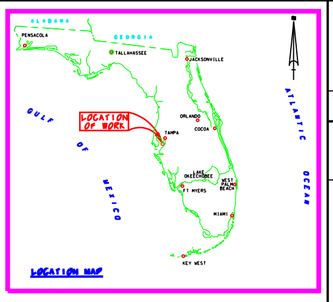




TAMPA HARBOR, FLORIDA
UPPER HILLSBOROUGH BAY
PROJECT CONDITION SURVEY

SURVEY NOTES:

1. REFER TO SURVEY NO. 07-130.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 0.95 FEET BELOW NGVD 1929 FROM GADSDEN POINT CUT THROUGH CUT-C (HB), AND 0.99 FEET BELOW NGVD 1929 FROM CUT-D (HB) THROUGH YBOR CHANNEL CUT, INCLUDING SEDDON CHANNEL CUT, AND 0.81 FEET BELOW NGVD 1929 FROM CUT-G THRU CUT-K.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. TIDAL REDUCTIONS WERE MADE FROM MULTIPLE TIDE STAFFS. REFER TO TIDE STAFF AND BENCHMARK TABULATION TABLE FOR STAFF LOCATIONS BENCHMARK ELEVATIONS.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
6. ALL AZIMUTHS ARE GRID; RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVBEACON SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER FOR CUT-C, STA. 0+00 - 32+00 AND STA. 33+00 -115+00, AND WITH A 28KHZ (LOW FREQUENCY) TRANSDUCER FOR ALL OTHER CHANNELS .

VESSEL	DATE OF SURVEY	CUT
WB-34	16-18 OCT 2007	CUTS C, D, SEDDON, YBOR, GARRISON, UPPER SPARKMAN, LOWER SPARKMAN
WB-34	05-06 DEC 2007	CUT-A, GADSDEN POINT CUT
WB-34	11-12 DEC 2007	CUT-G

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 AVIALABLE 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.

TIDE STAFF AND BENCHMARK TABULATION

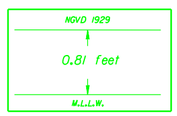
STAFF LOCATION	BENCH MARK	ELEV NGVD
DOCK PILING NEAR	Q-261	6.004
McDILL AFB BOAT RAMP	MARINA	3.39

LEGEND

BM	BENCHMARK
	LIGHTED BEACON
	GREEN DAYBEACON
	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	NUN BUOY
	TIDE STAFF

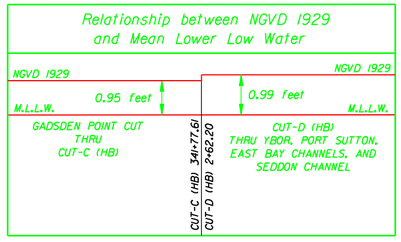
PROJECT DEPTHS

CHANNEL CUT	DEPTH
GADSDEN PT. CH. CUT	43
CUT-A (HB) CH.	43
CUT-C (HB) CH.	43
CUT-D (HB) CH.	34
SEDDON CH. CUT	12
LOWER SPARKMAN CH. CUT	34
UPPER SPARKMAN CH. CUT	34
GARRISON CH. CUT	34
YBOR CH. CUT	34
PORT SUTTON CH. CUT	43
PORT SUTTON TURNING BASIN	43
PORT SUTTON TERMINAL CH.	34
EAST BAY CH. CUT	43
EAST BAY EXT-1 CH. CUT	34
EAST BAY EXT-2 CH. CUT	34



Relationship between NGVD 1929 and 1978 NOAA Mean Lower Low Water Tidal Datum (Cuts G thru K)

Relationship between NGVD 1929 and Mean Lower Low Water



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-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: OCT 2007
D.O.F ILE NO.

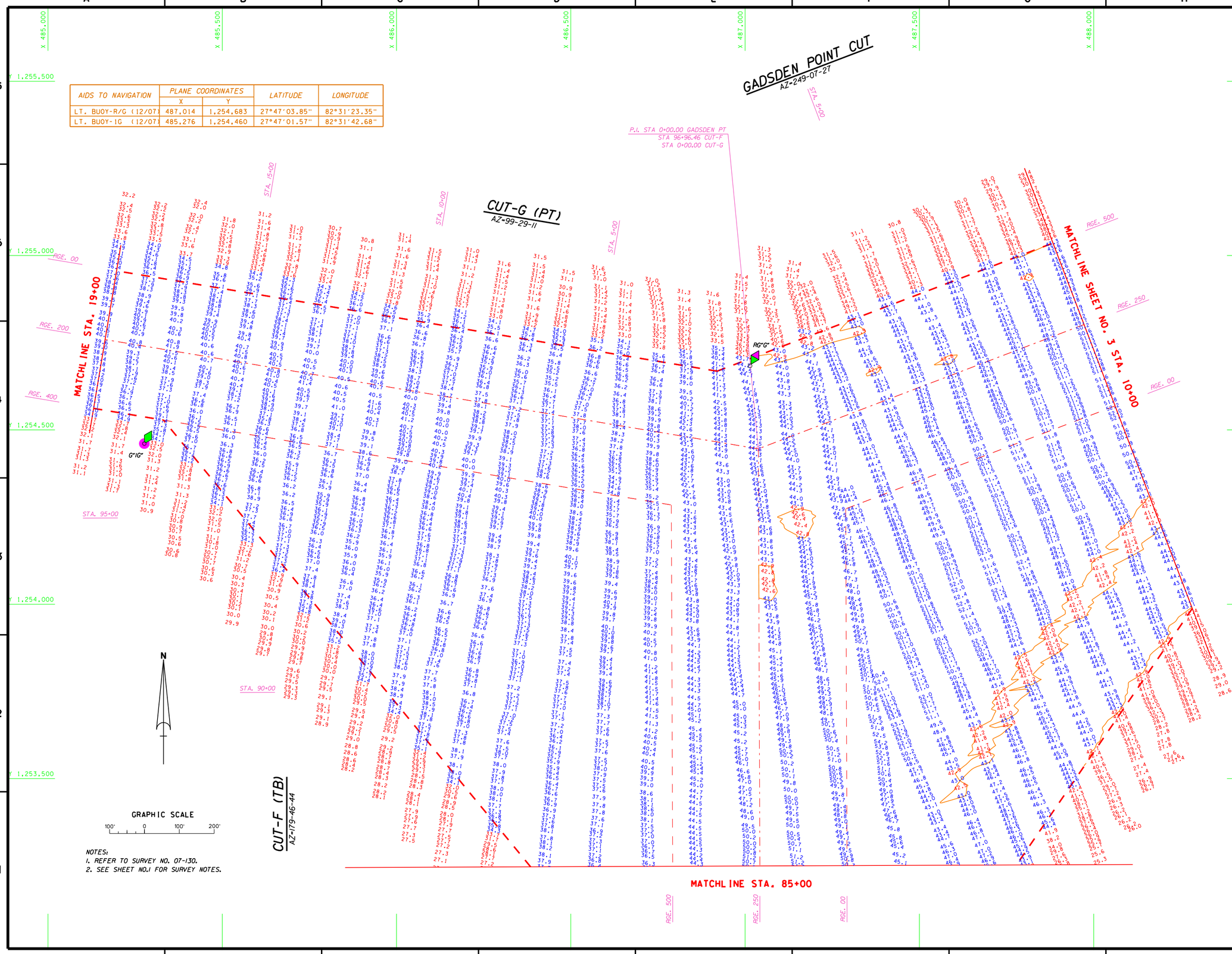
File name: 07-130SHEIDGN
Reference files: BRDGRB.DGN NEWFLMAP.DGN INDX_W.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
UPPER HILLSBOROUGH BAY
COVER

DRAWING NO.
1/35

SHEET 1 OF 40

AIDS TO NAVIGATION	PLANE COORDINATES X	PLANE COORDINATES Y	LATITUDE	LONGITUDE
LT. BUOY-R/G (12/07)	487,014	1,254,683	27°47'03.85"	82°31'23.35"
LT. BUOY-1G (12/07)	485,276	1,254,460	27°47'01.57"	82°31'42.68"



NOTES:
1. REFER TO SURVEY NO. 07-130.
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

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: DEC 2007

D.O.F. FILE NO.

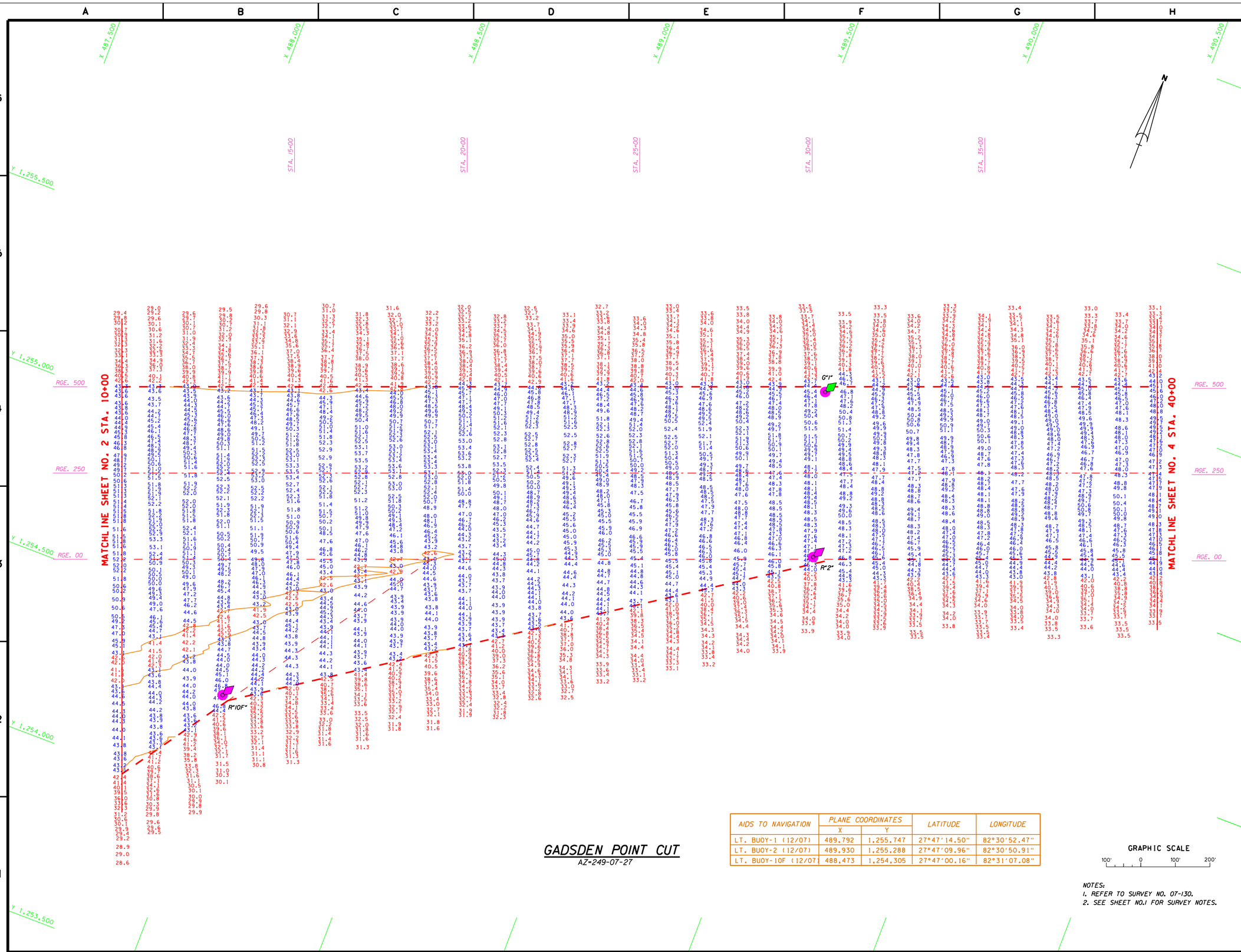
File name: 07-130SH02.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130GPC.DGN 07-130CTG.DGN 07-130NAV.DGN CONV4.3.DGN

TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 85+00 CUT-F THRU STA. 19+00 CUT-G
STA. 0+00 THRU STA. 10+00 GADSDEN POINT CUT
PLAN

DRAWING NO.
2/35

SHEET 2 OF 54



GADSDEN POINT CUT

AZ=249-07-27

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-1 (12/07)	489,792	1,255,747	27°47'14.50"	82°30'52.47"
LT. BUOY-2 (12/07)	489,930	1,255,288	27°47'09.96"	82°30'50.91"
LT. BUOY-10F (12/07)	488,473	1,254,305	27°47'00.16"	82°31'07.08"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

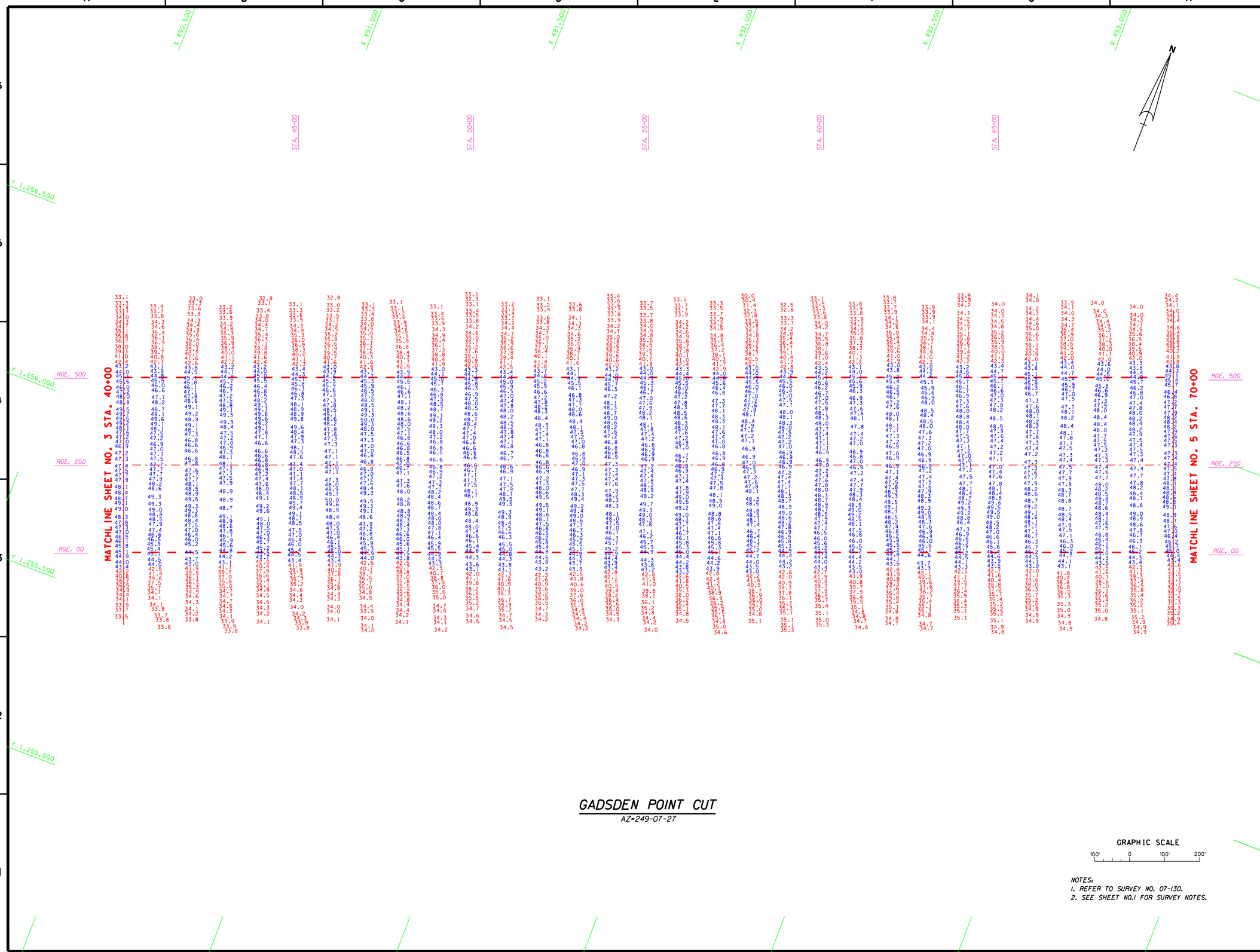
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH03.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130GPC.DGN 07-130NAV.DGN CON43.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 10+00 THRU STA. 40+00 GADSDEN POINT CUT
PLAN

DRAWING NO.
3/35

SHEET 3 OF 54



GADSDEN POINT CUT

AZ=249-07-27

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

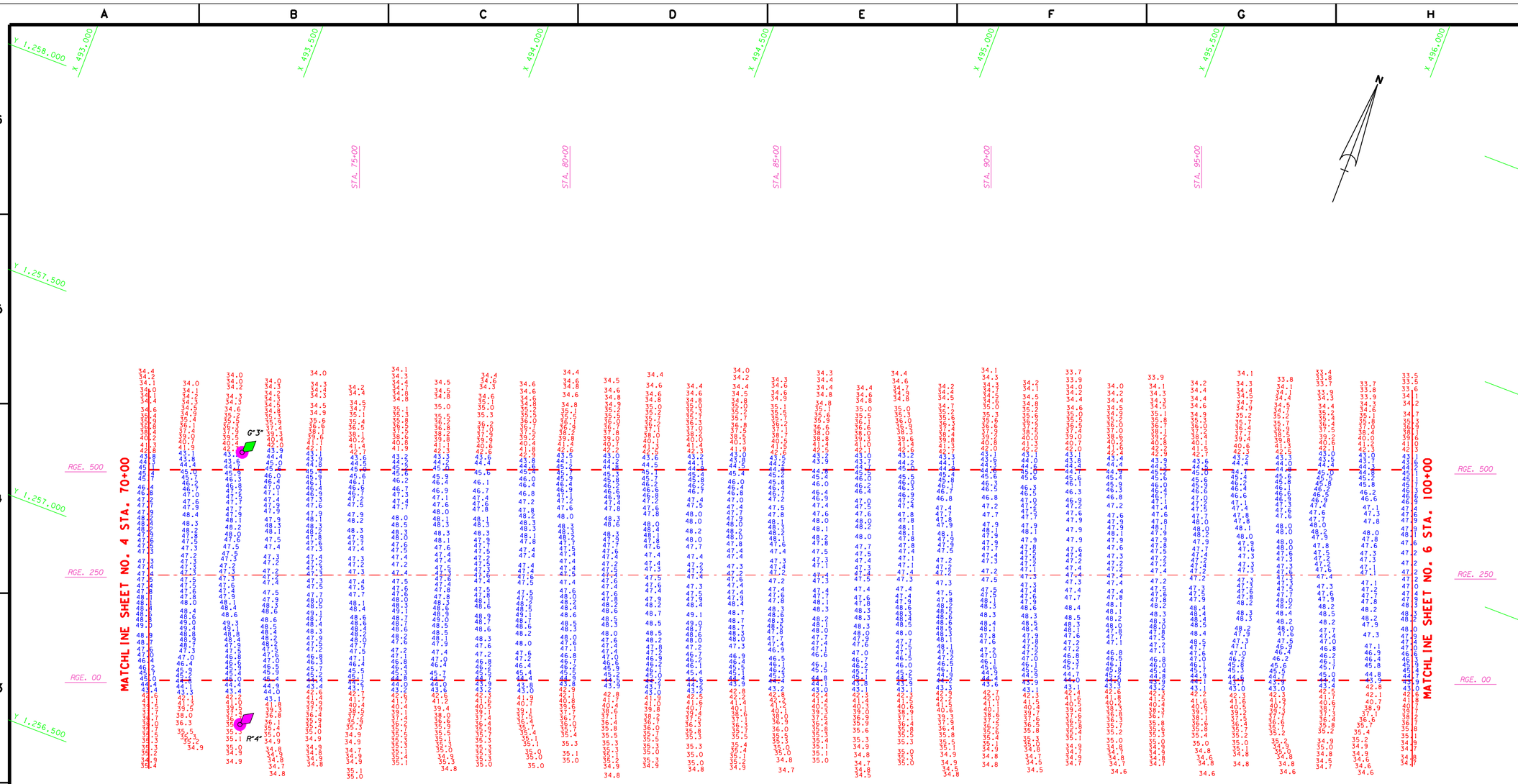
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH04.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130GPC.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 40+00 THRU STA. 70+00 GADSDEN POINT CUT
PLAN

DRAWING NO.
4/35

SHEET 4 OF 54



GADSDEN POINT CUT

AZ=249-07-27

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3 (12/07)	493,681	1,257,291	27°47'29.95"	82°30'09.24"
LT. BUOY-4 (12/07)	493,906	1,256,685	27°47'23.96"	82°30'06.70"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

File name: 07-130SH05.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130GPC.DGN 07-130NAV.DGN

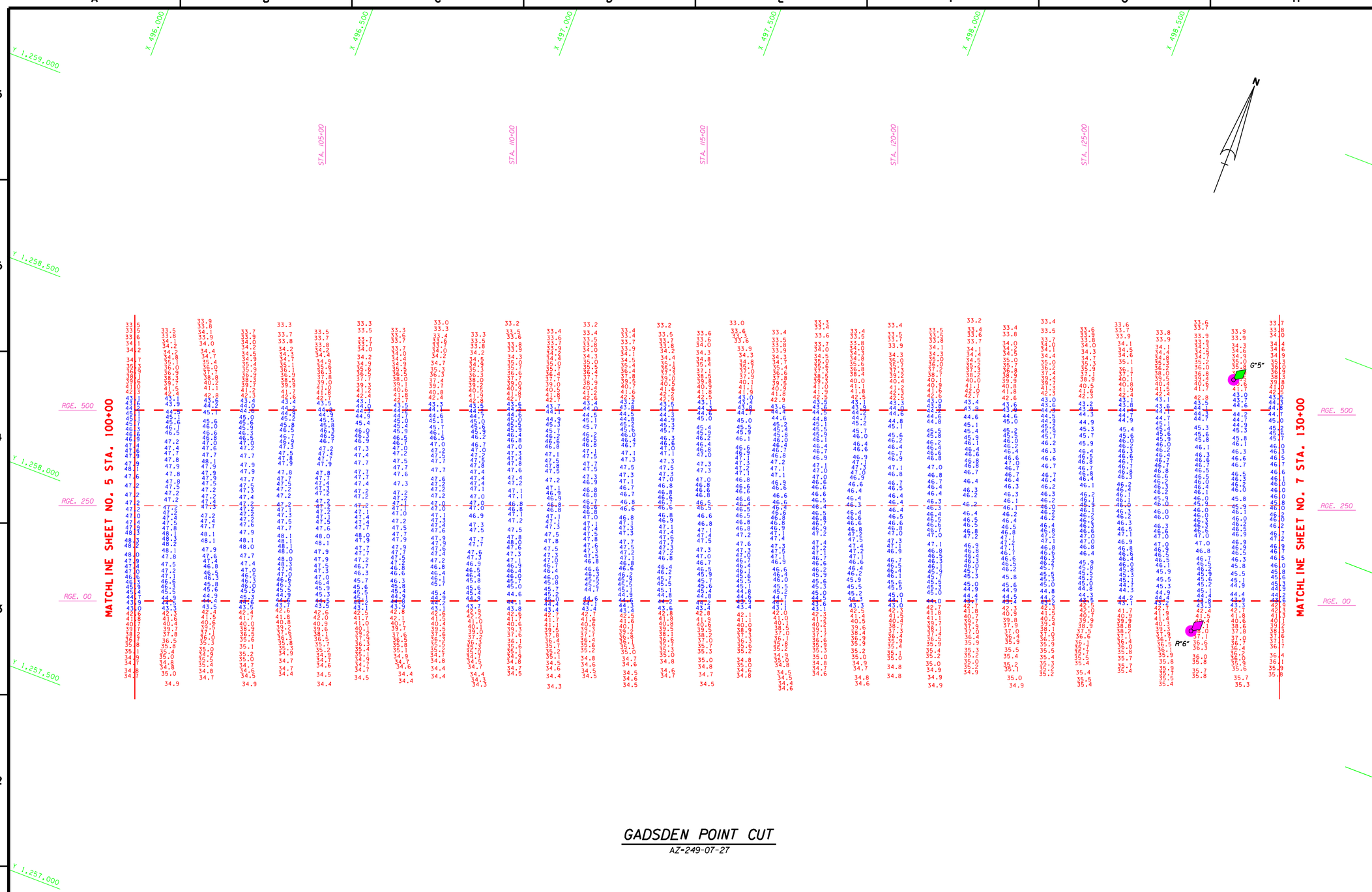
Dated: DEC 2007
D.O.FILE NO.

TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 70+00 THRU STA. 100+00 GADSDEN POINT CUT
PLAN

DRAWING NO.
5/35

SHEET 5 OF 54



GADSDEN POINT CUT

AZ=249-07-27

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5 (12/07)	498,954	1,259,343	27°47'50.48"	82°29'10.61"
LT. BUOY-6 (12/07)	499,084	1,258,688	27°47'44.00"	82°29'09.13"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

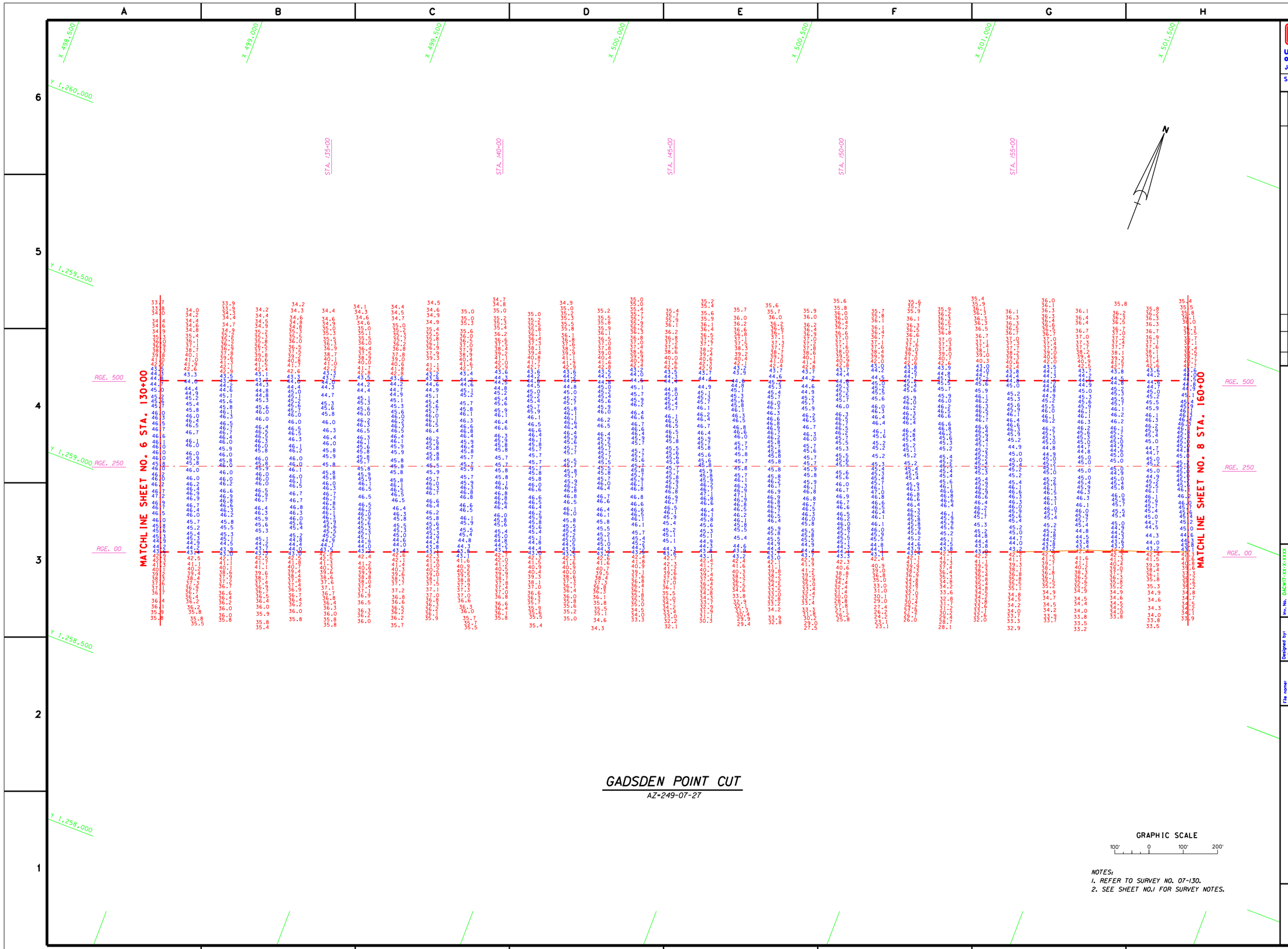
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH06.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130GPC.DGN 07-130NAV.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 100+00 THRU STA. 130+00 GADSDEN POINT CUT
PLAN

DRAWING NO.
6/35

SHEET 6 OF 54



GADSDEN POINT CUT

AZ-249-07-27

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

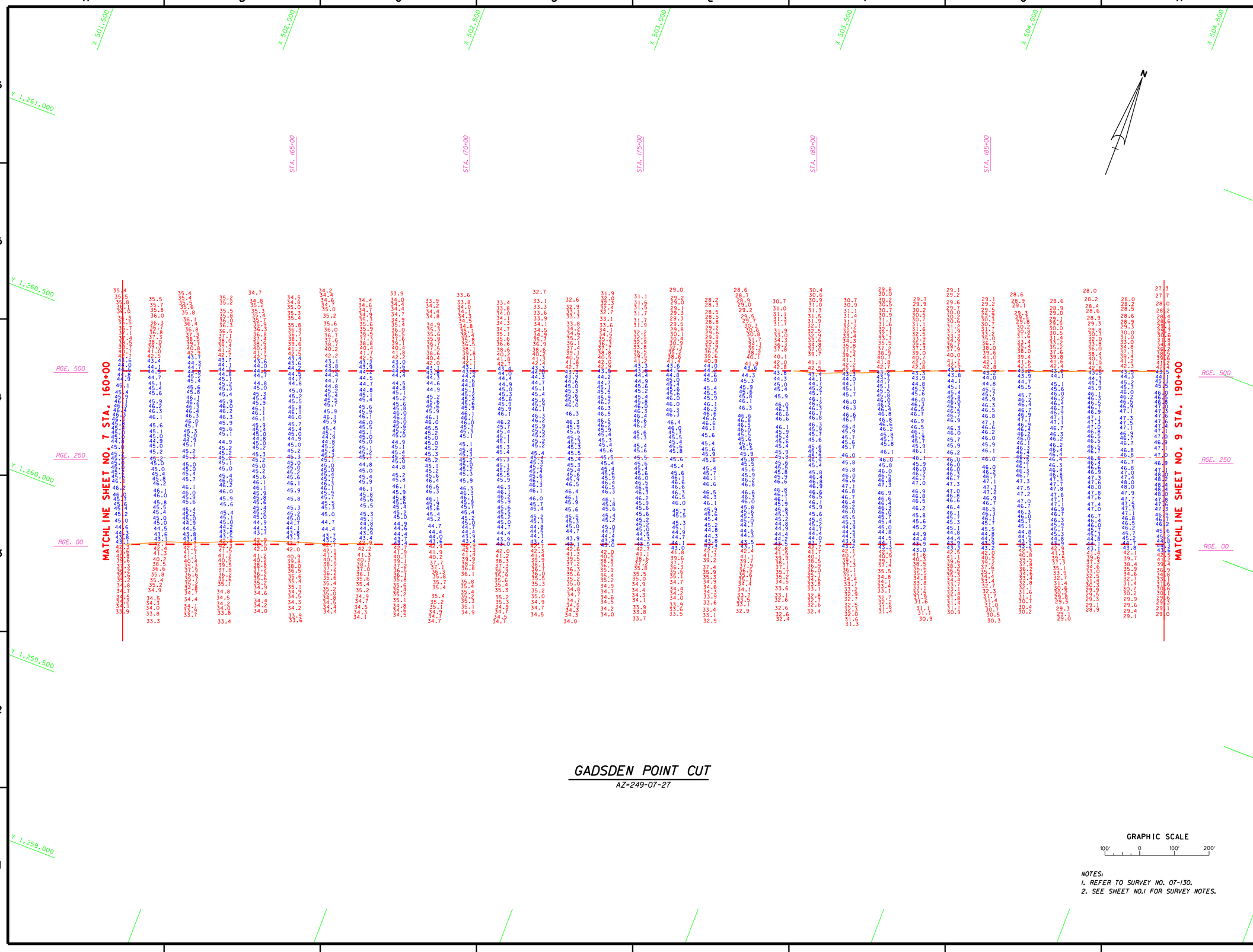
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH07.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130GPC.DGN CON43.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 130+00 THRU STA. 160+00 GADSDEN POINT CUT
PLAN

DRAWING NO.
7/35

SHEET 7 OF 54



GADSDEN POINT CUT

AZ=249-07-27

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

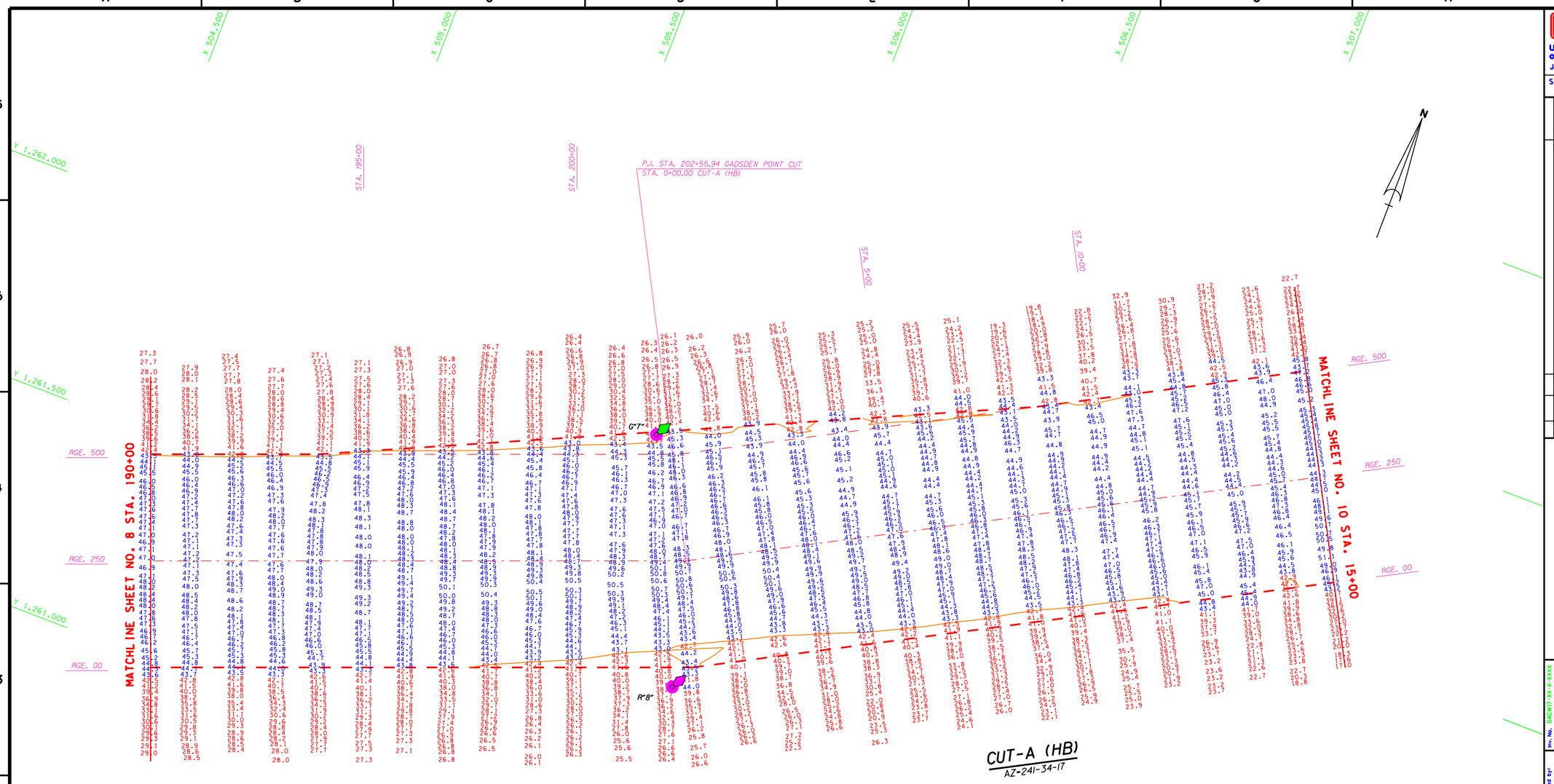
Designed by: WRM
Dwn by: WRM
Ckd by: WRM
Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: xx xx xxxx
Plot scale: XXX
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH08.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130GPC.DGN CON43.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 160+00 THRU STA. 190+00 GADSDEN POINT CUT
PLAN

DRAWING NO.
8/35

SHEET 8 OF 54



CUT-A (HB)
AZ-241-34-17

GADSDEN POINT CUT
AZ-249-07-27

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-8 (12/07)	506,039	1,261,376	27°48'10.88"	82°27'51.81"
LT. BUOY-7 (12/07)	505,793	1,261,916	27°48'16.22"	82°27'54.56"

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

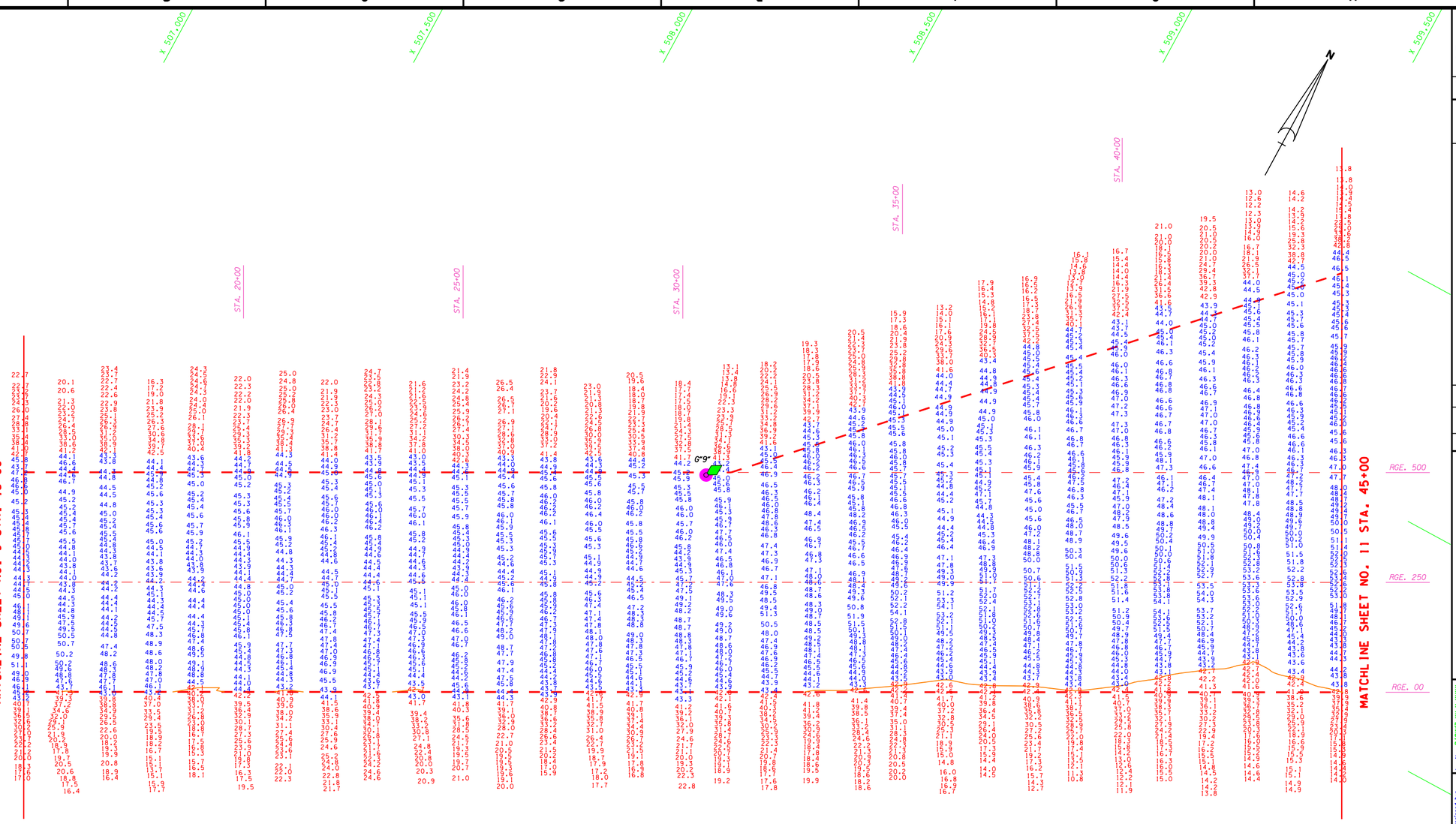
Designed by: WRM
Dwn by: WRM
Ckd by: WRM
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH09.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130GPC.DGN 07-130CTA.DGN 07-130NAV.DGN CON43.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITON SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 190+00 GADSDEN POINT CUT THRU
STA. 15+00 CUT-A
PLAN

DRAWING NO.
9/35

SHEET 9 OF 54



CUT-A (HB)

AZ=241-34-17

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-9 (12/07)	508,532	1,263,331	27°48'30.34"	82°27'24.12"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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: DEC 2007
D.O.FILE NO.

File name: 07-130SH10.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTA.DGN 07-130NAV.DGN CON43.DGN

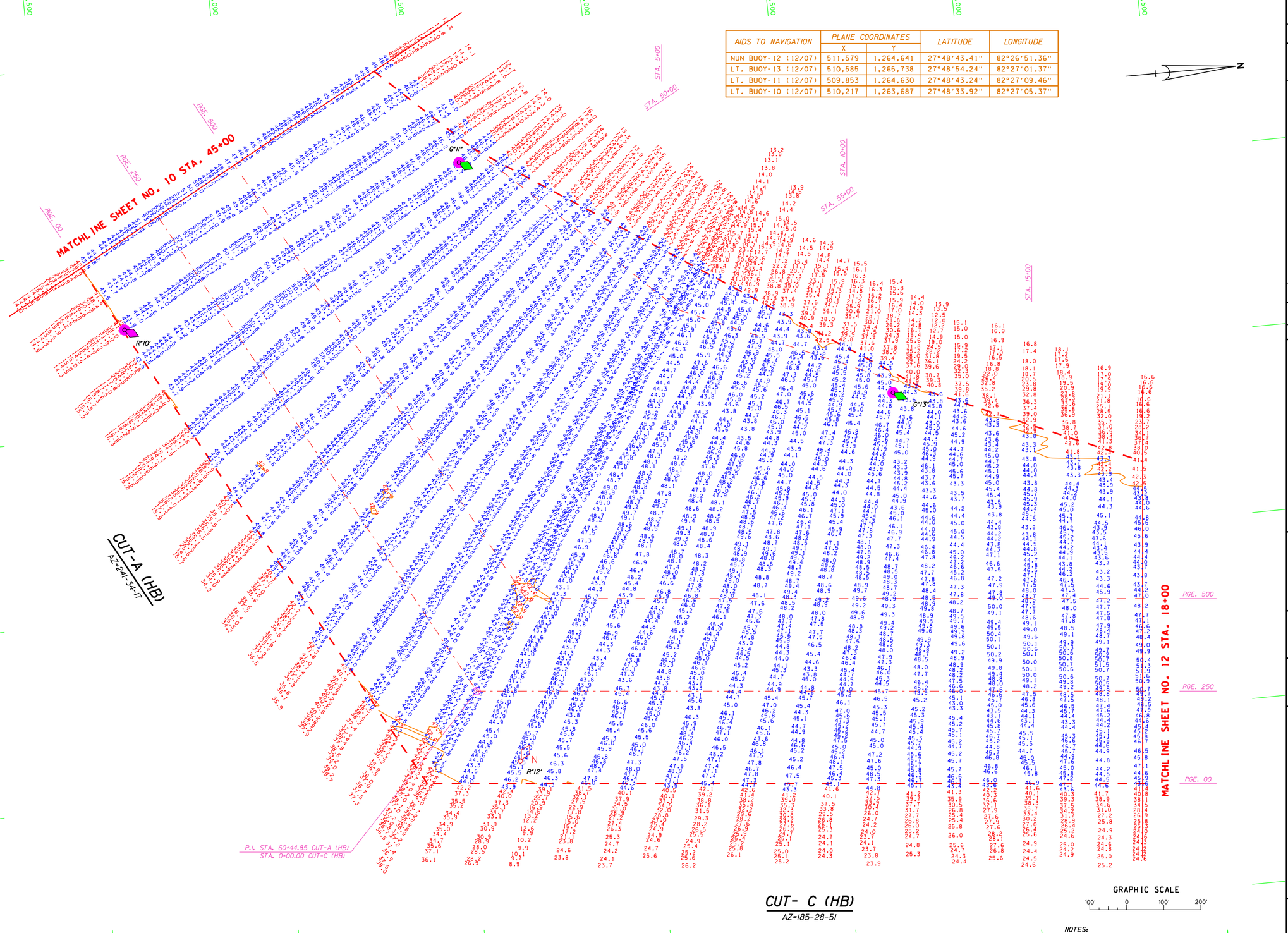
TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 15+00 THRU STA. 45+00 CUT-A
PLAN

DRAWING NO.
10/35

SHEET 10 OF 54

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
NUN BUOY-12 (12/07)	511,579	1,264,641	27°48'43.41"	82°26'51.36"
LT. BUOY-13 (12/07)	510,585	1,265,738	27°48'54.24"	82°27'01.37"
LT. BUOY-11 (12/07)	509,853	1,264,630	27°48'43.24"	82°27'09.46"
LT. BUOY-10 (12/07)	510,217	1,263,687	27°48'33.92"	82°27'05.37"



NOTES:
1. REFER TO SURVEY NO. 07-130.
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
Cad by: WRM
Dwn by: WRM
Chk by:

Dated: DEC 2007
D.O.F.ILE NO.

File name: 07-130SHT1.DGN
07-130CTA.DGN
07-130CTC.DGN
07-130NAV.DGN
COM3.DGN
Reference files: 8802908.DGN
TAMPAHBR83.DGN

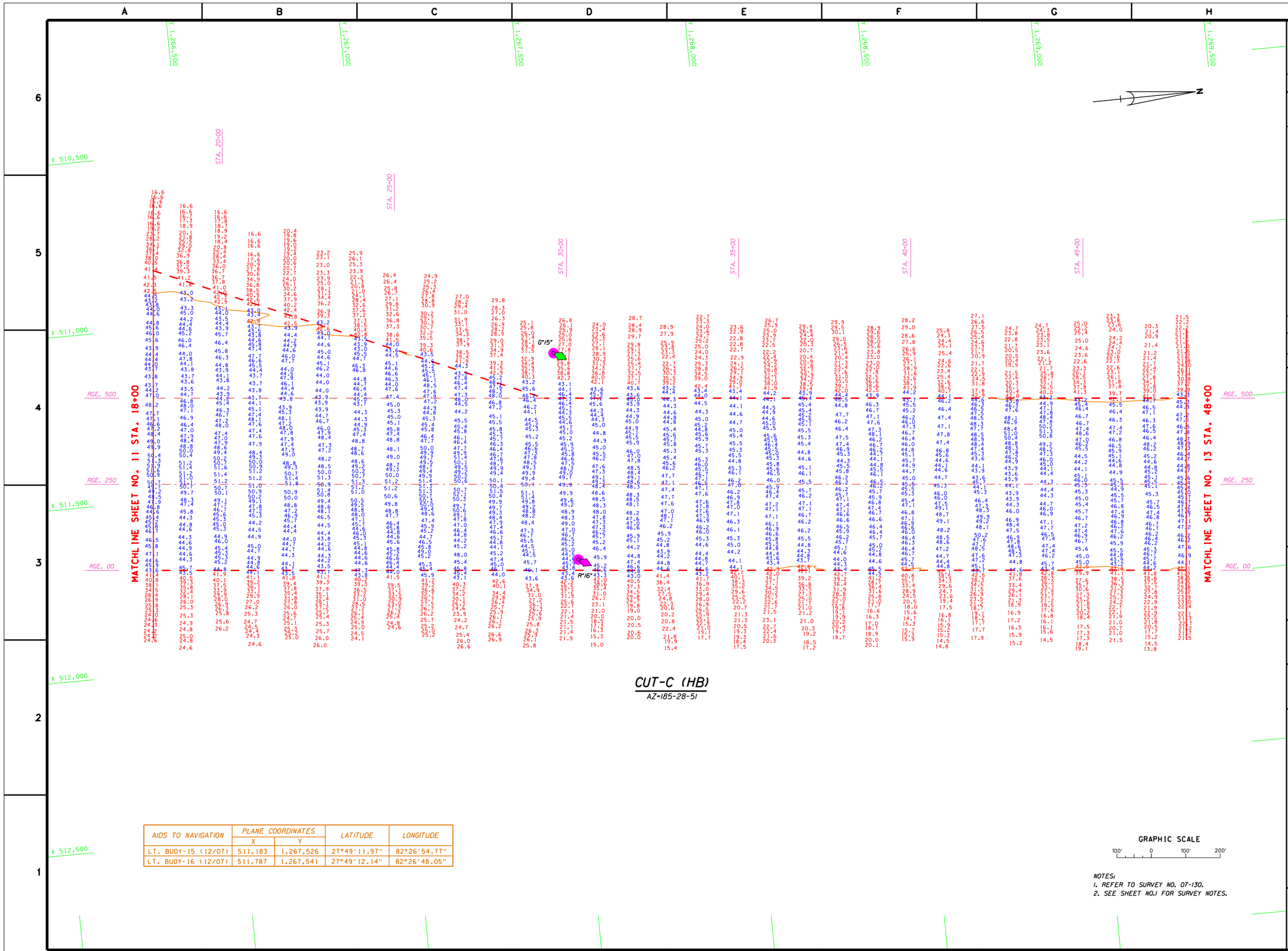
TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT

STA. 45+00 CUT-A THRU STA. 18+00 CUT-C
PLAN

DRAWING NO.
11/35

SHEET 11 OF 54



CUT-C (HB)

AZ=185-28-51

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-15 (12/07)	511,183	1,267,526	27°49'11.97"	82°26'54.77"
LT. BUOY-16 (12/07)	511,787	1,267,541	27°49'12.14"	82°26'48.05"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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: DEC 2007
D.O.FILE NO.

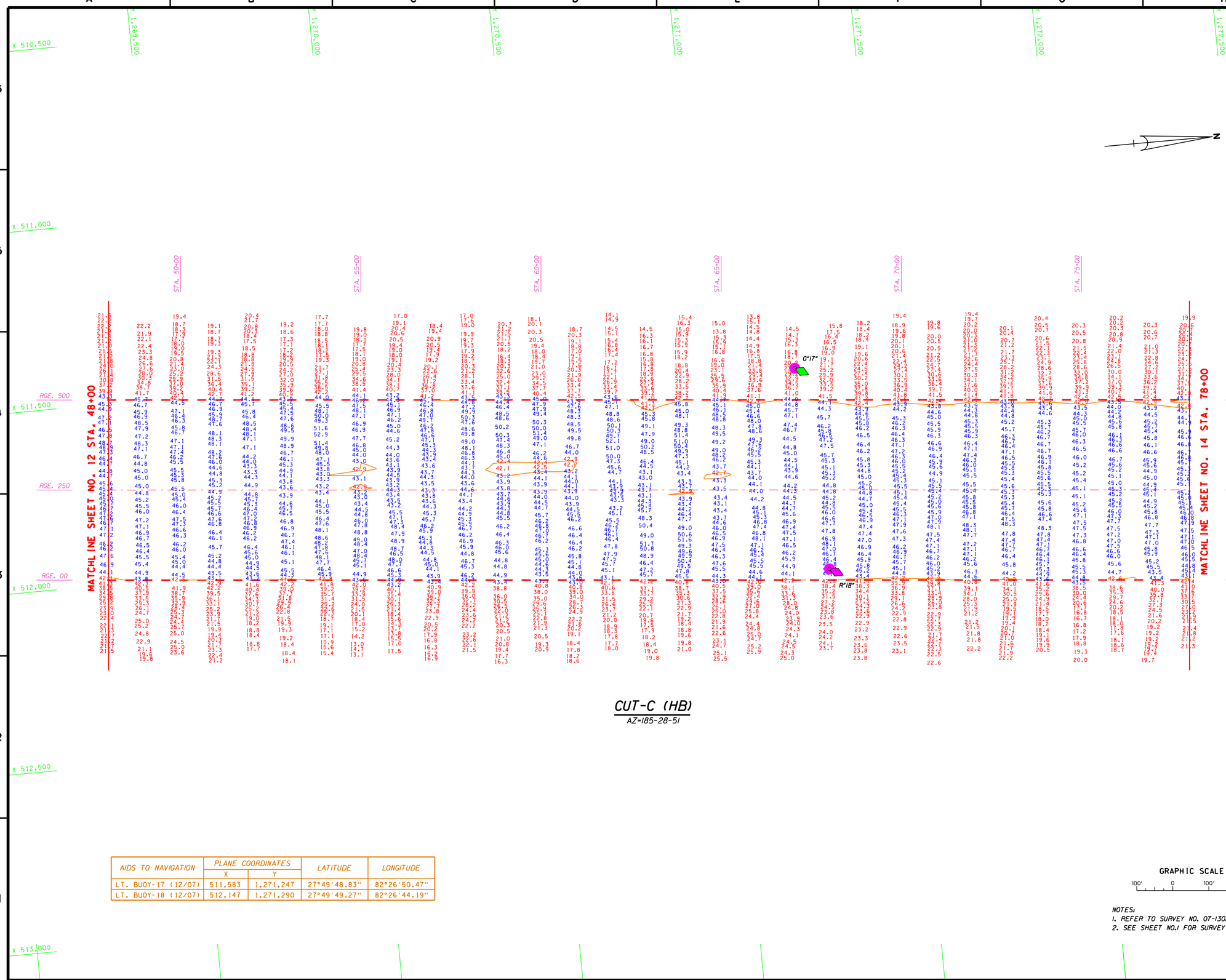
File name: 07-130SH12.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTC.DGN 07-130NAV.DGN COM43.DGN

TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 18+00 THRU STA. 38+00 CUT-C
PLAN

DRAWING NO.
12/35

SHEET 12 OF 54



CUT-C (HB)

AZ=185-28-51

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-17 (12/07)	511,583	1,271,247	27°49'48.83"	82°26'50.47"
LT. BUOY-18 (12/07)	512,147	1,271,290	27°49'49.27"	82°26'44.19"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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: DEC 2007
D.O.FILE NO.

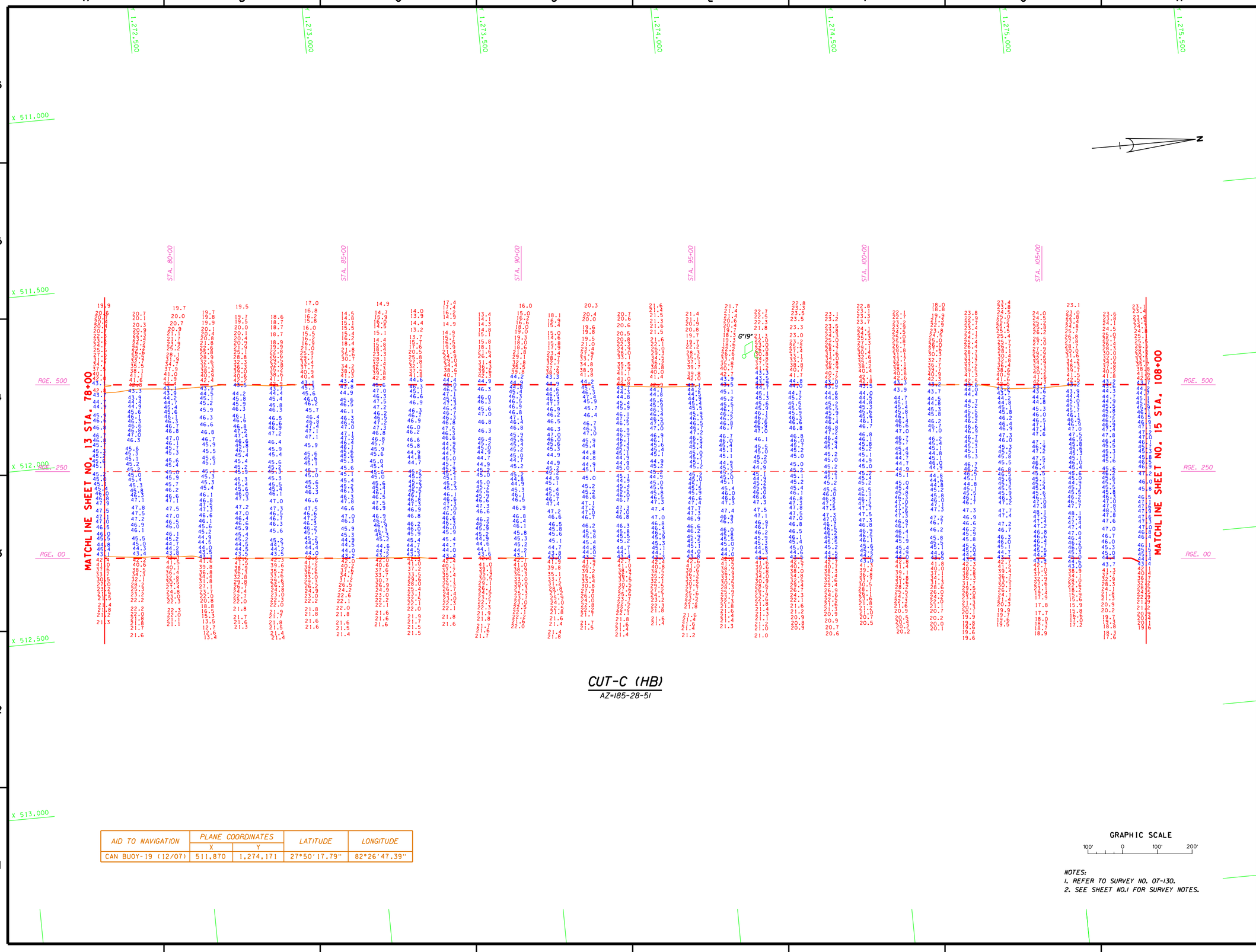
File name: 07-130SH13.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTC.DGN 07-130NAV.DGN CON43.DGN

TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 48+00 THRU STA. 78+00 CUT-C
PLAN

DRAWING NO.
13/35

SHEET 13 OF 54



CUT-C (HB)

AZ=185-28-51

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
CAN BUOY-19 (12/07)	511,870	1,274,171	27°50'17.79"	82°26'47.39"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

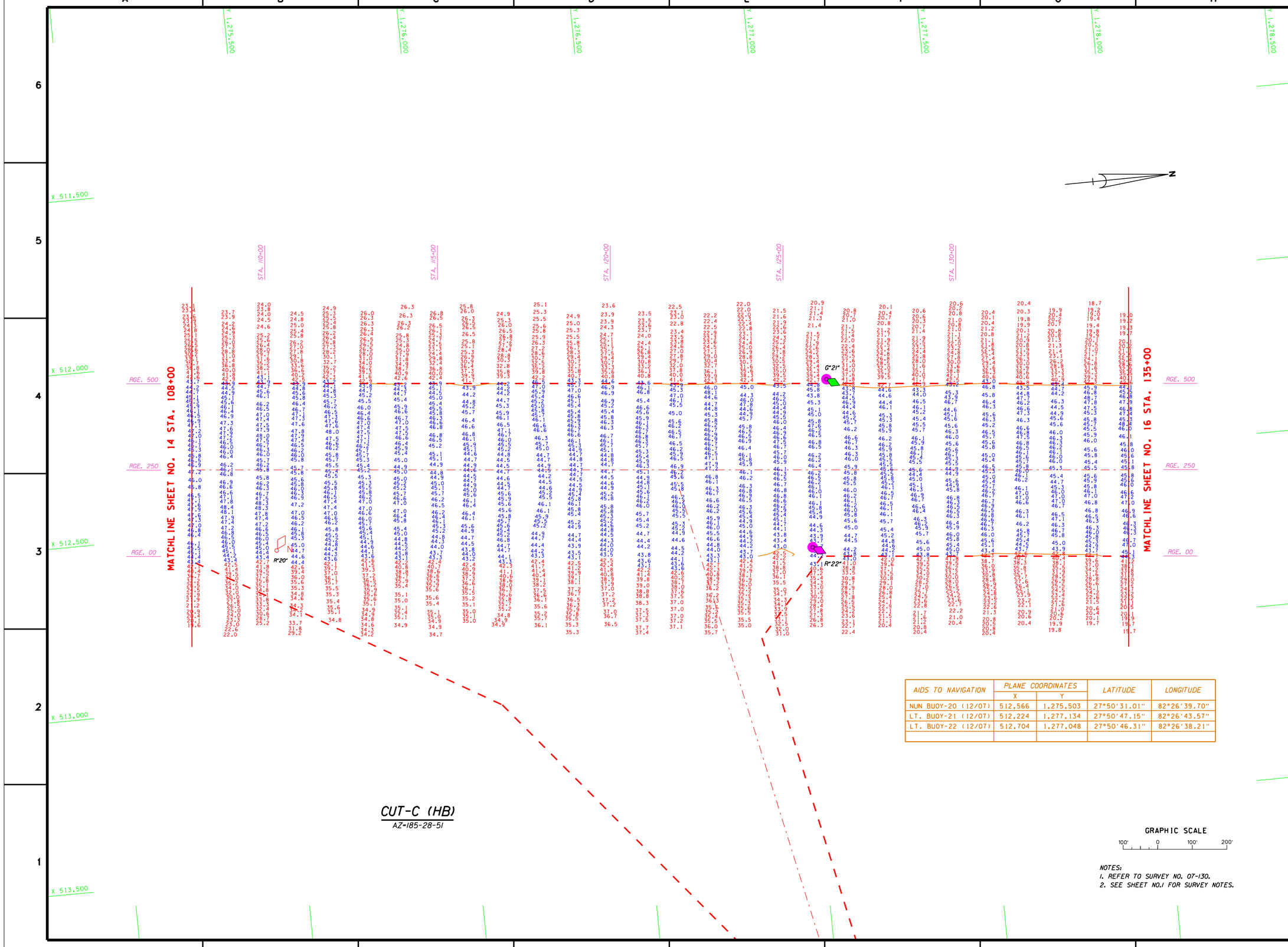
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH14.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTC.DGN CON43.DGN 07-130NAV.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 78+00 THRU STA. 108+00 CUT-C
PLAN

DRAWING NO.
14/35

SHEET 14 OF 54



CUT-C (HB)
AZ-185-28-51

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
NUN BUOY-20 (12/07)	512,566	1,275,503	27°50'31.01"	82°26'39.70"
LT. BUOY-21 (12/07)	512,224	1,277,134	27°50'47.15"	82°26'43.57"
LT. BUOY-22 (12/07)	512,704	1,277,048	27°50'46.31"	82°26'38.21"

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

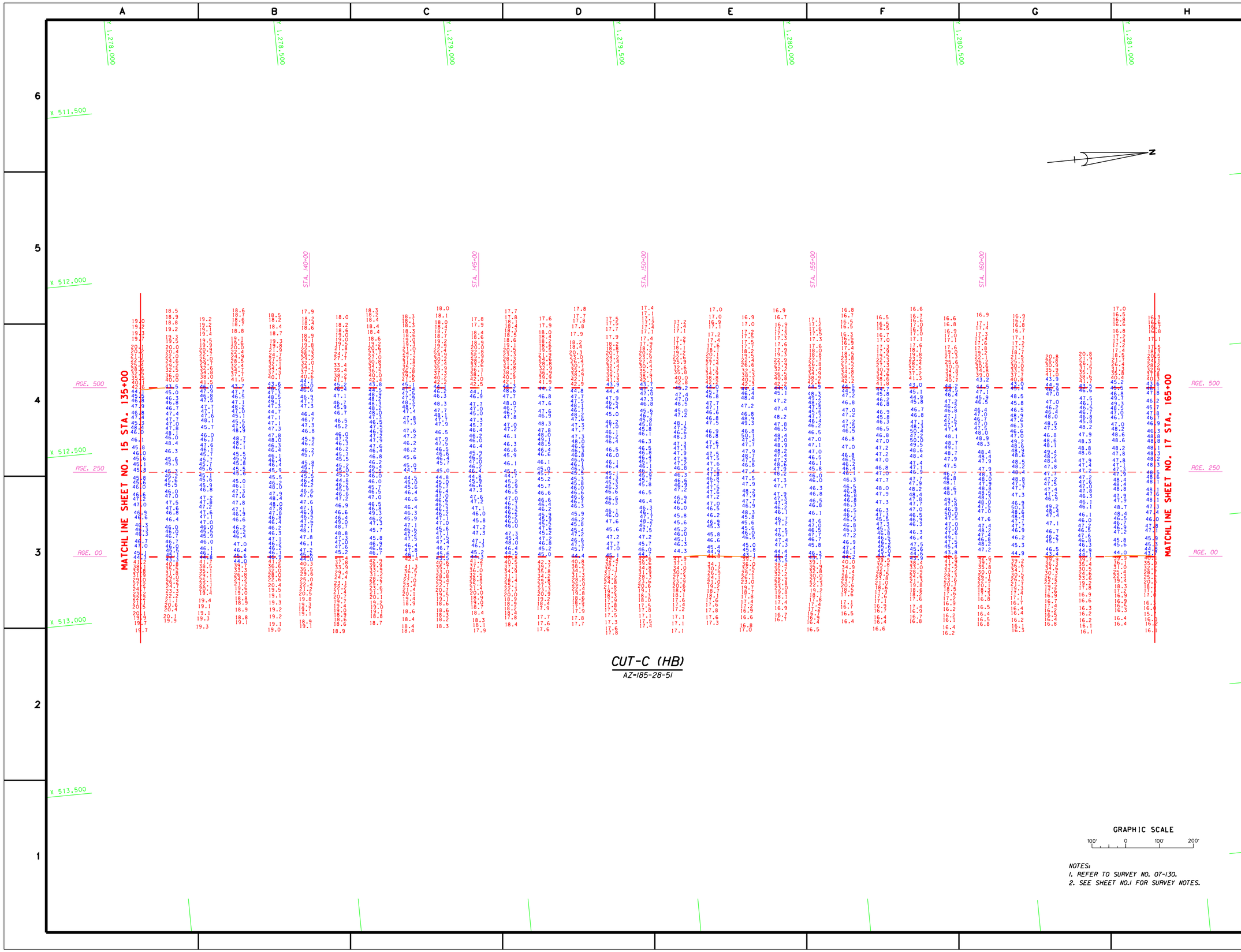
File name: 07-130SH15.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTC.DGN CON43.DGN 07-130NAV.DGN

Dated: DEC 2007
D.O.FILE NO.

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 108+00 THRU STA. 135+00 CUT-C
PLAN

DRAWING NO.
15/35

SHEET 15 OF 54



CUT-C (HB)

AZ=185-28-51

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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: DEC 2007
D.O.FILE NO.

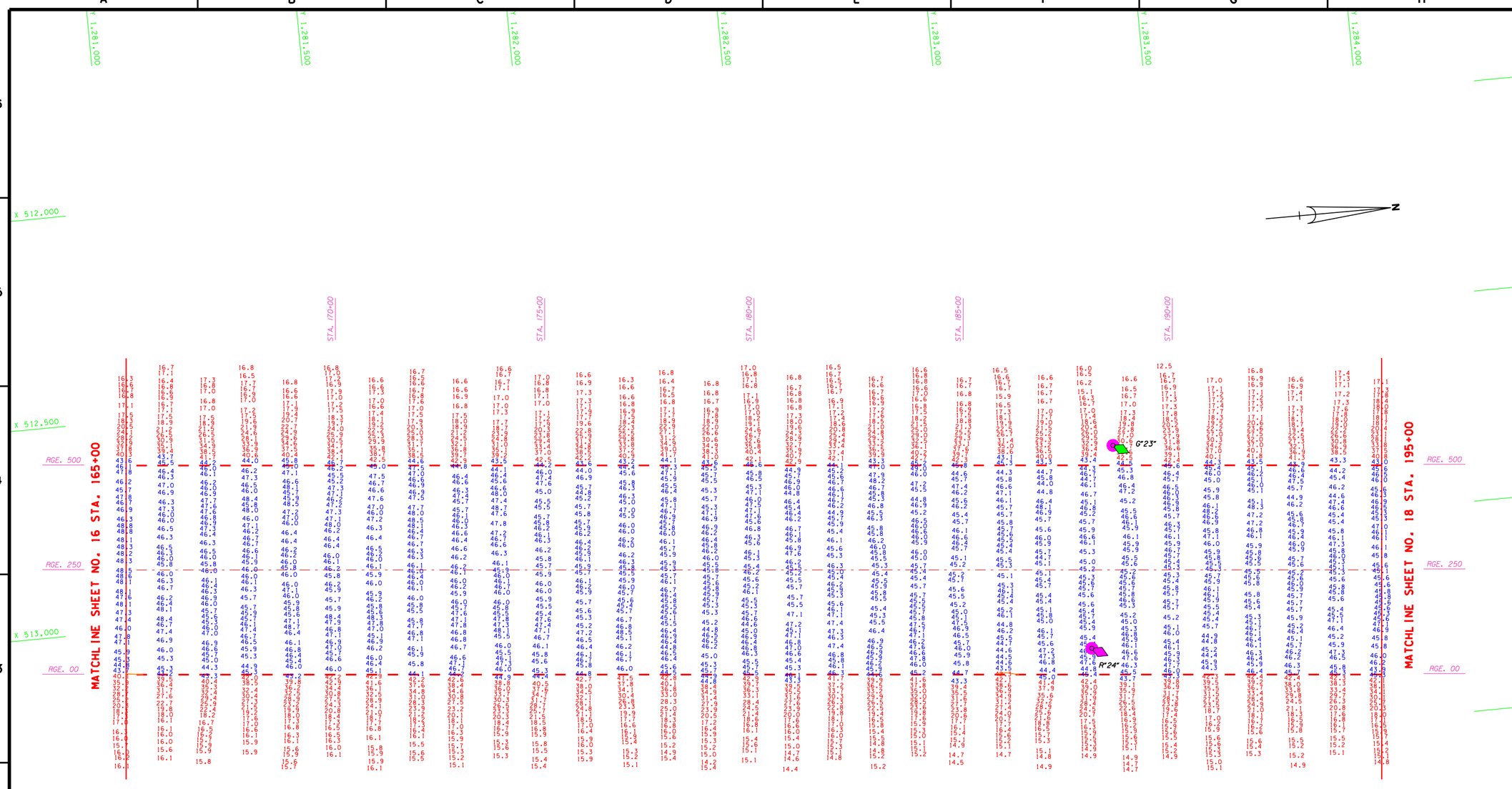
File name: 07-130SH16.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTC.DGN CON43.DGN

TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 135+00 THRU STA. 165+00 CUT-C
PLAN

DRAWING NO.
16/35

SHEET 16 OF 54



CUT-C (HB)

AZ=185-28-51

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-23 (12/07)	512,784	1,283,341	27°51'48.63"	82°26'37.58"
LT. BUOY-24 (12/07)	513,262	1,283,245	27°51'47.69"	82°26'32.25"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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: DEC 2007
D.O.FILE NO.

File name: 07-130SH17.DGN
Reference files: B90R98.DGN TAMPAHBR83.DGN 07-130CTC.DGN CON43.DGN 07-130NAV.DGN

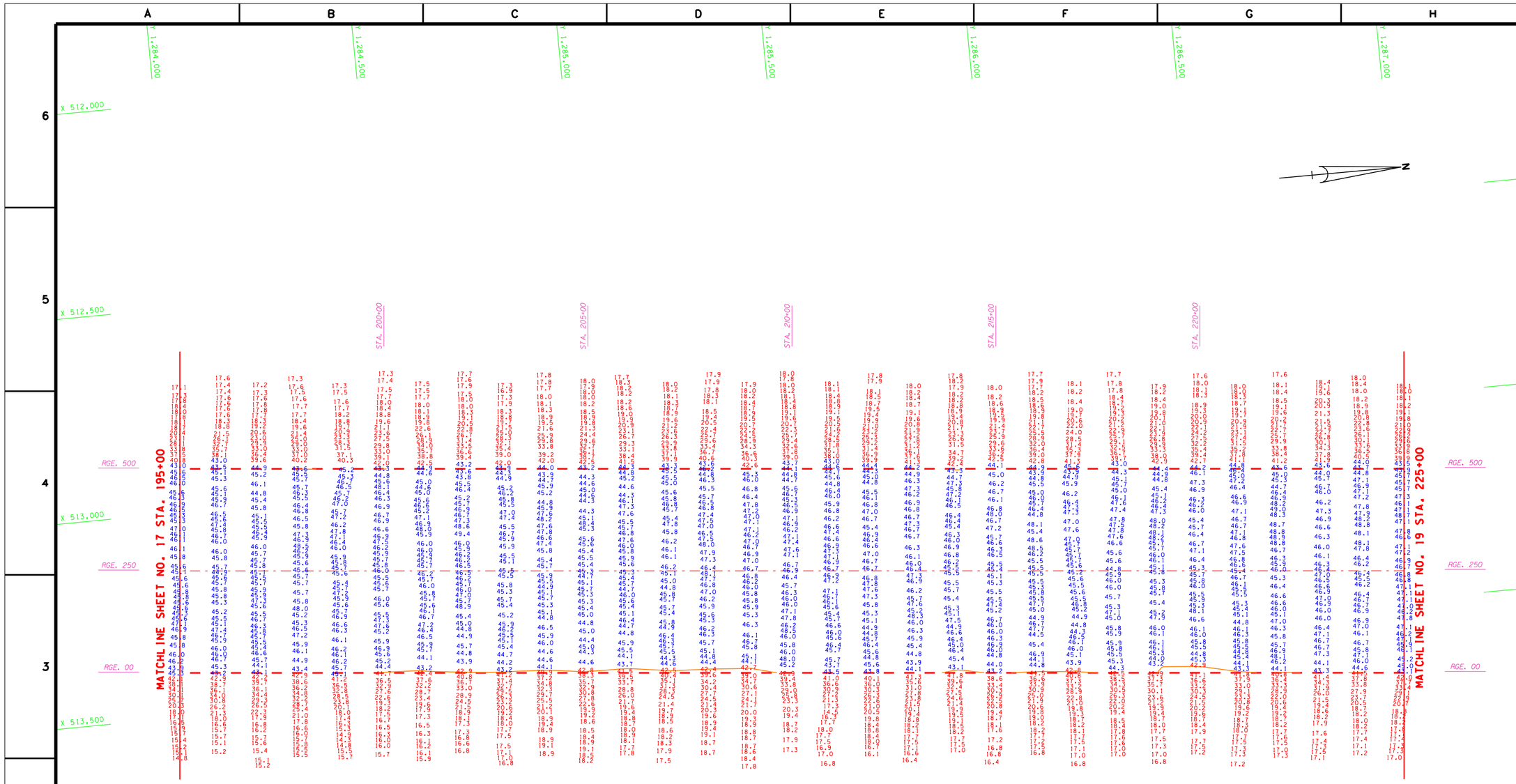
TAMPA HARBOR, FLORIDA

PROEJCT CONDITION SURVEY
12, 34, 41& 43-FOOT PROJECT

STA. 165-00 THRU STA. 195-00 CUT-C
PLAN

DRAWING NO.
17/35

SHEET 17 OF 54



CUT-C (HB)

AZ=185-28-51

GRAPHIC SCALE

100' 0 100' 200'

NOTES:

1. REFER TO SURVEY NO. 07-130.
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: DEC 2007

D.O.FILE NO.

File name: 07-130SHHB.DGN
Reference files: B90898.DGN TAMPAHBR8.3.DGN 07-130CTC.DGN CON43.3.DGN

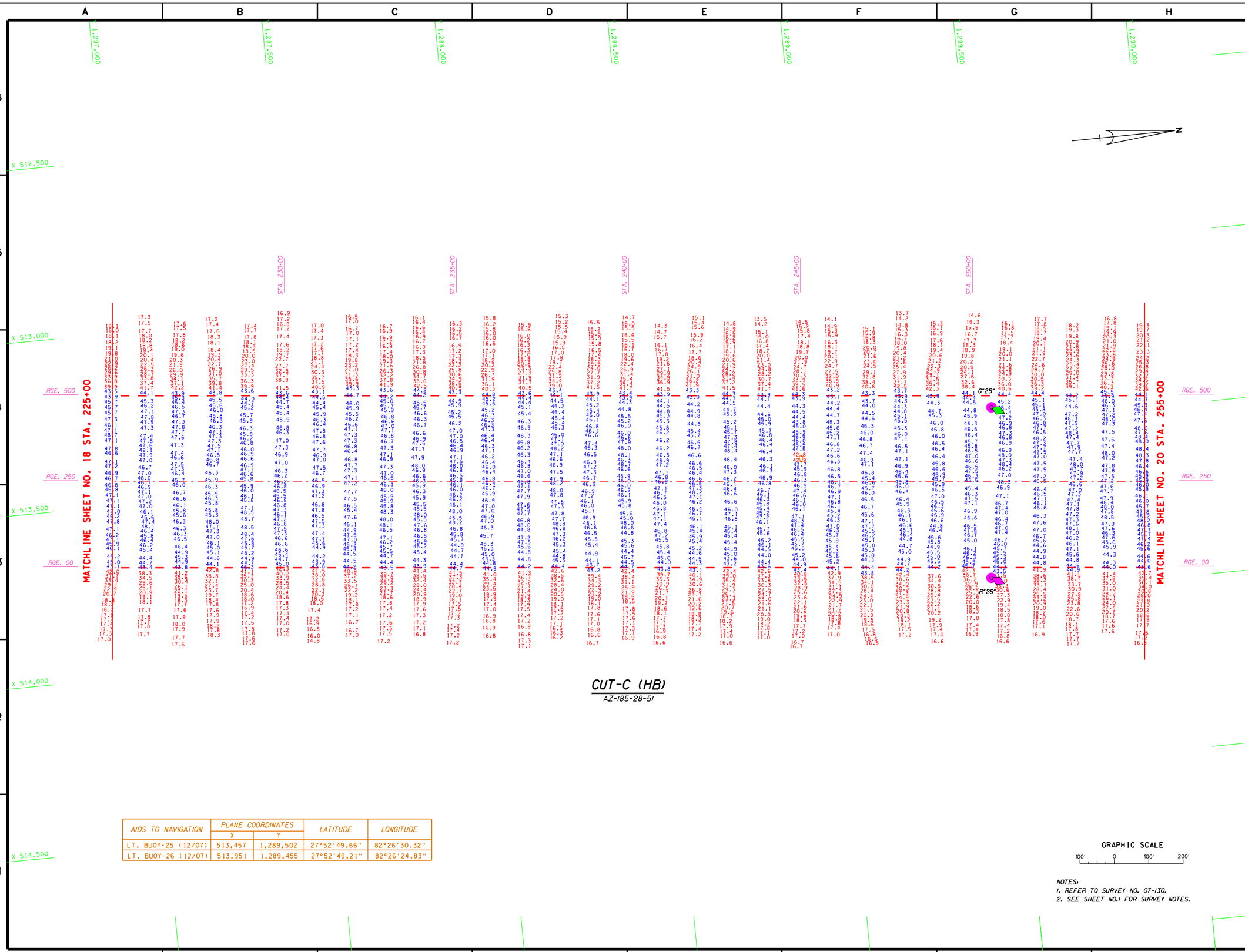
TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT

STA. 195+00 THRU STA. 205+00 CUT-C
PLAN

DRAWING NO.
18/35

SHEET 18 OF 54



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-25 (12/07)	513,457	1,289,502	27°52'49.66"	82°26'30.32"
LT. BUOY-26 (12/07)	513,951	1,289,455	27°52'49.21"	82°26'24.83"

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

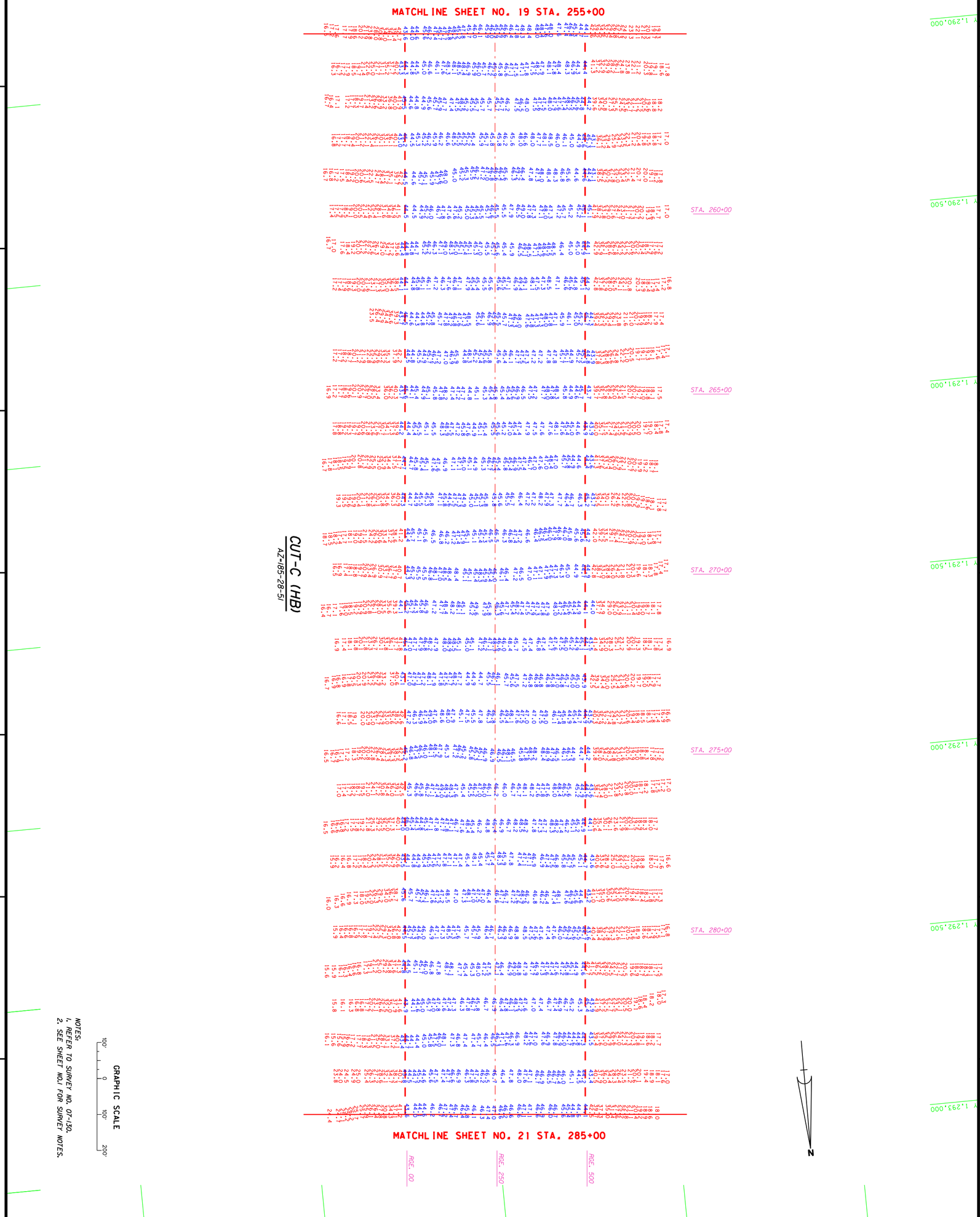
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH19.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTC.DGN CON43.DGN 07-130NAV.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 225+00 THRU STA. 255+00 CUT-C
PLAN

DRAWING NO.
19/35

SHEET 19 OF 54



NOTES:
1. REFER TO SURVEY NO. 07-130.
2. SEE SHEET NO.1 FOR SURVEY NOTES.

TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT

STA. 255+00 THRU STA. 285+00 CUT-C
PLAN

File name: 07-130SH20.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTC.DGN

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

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

Dated: DEC 2007
D.O.FILE NO.

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

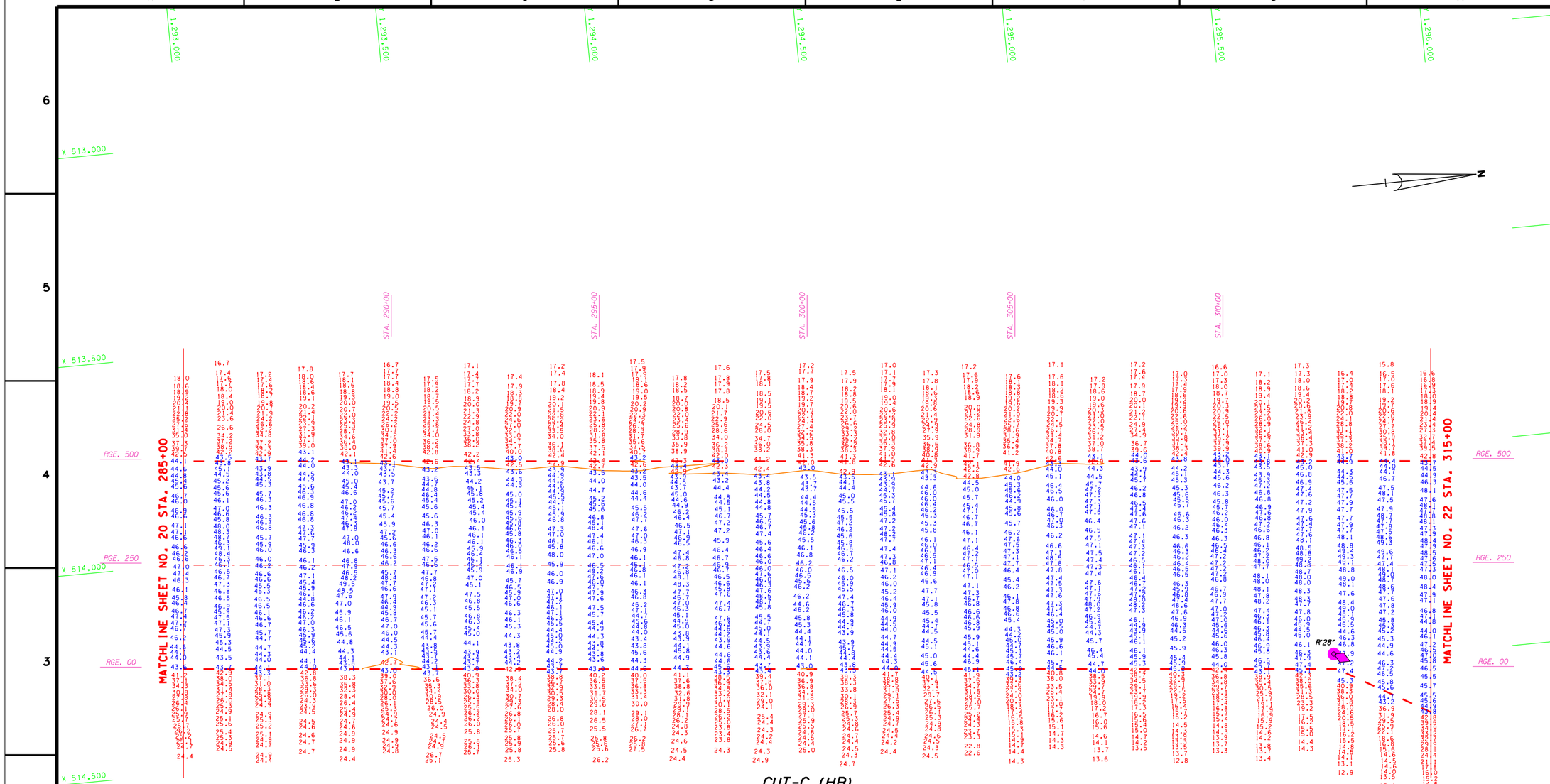
No.	Symbol	Zone	Description	Approved

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

DRAWING NO. 20/35

SHEET 20 OF 54



CUT-C (HB)

AZ-185-28-51

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-28 (12/07)	514,479	1,295,645	27°53'50.52"	82°26'19.19"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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: WRW
Dwn by: WRW
Ckd by: WRW
Dated: DEC 2007
D.O.FILE NO.

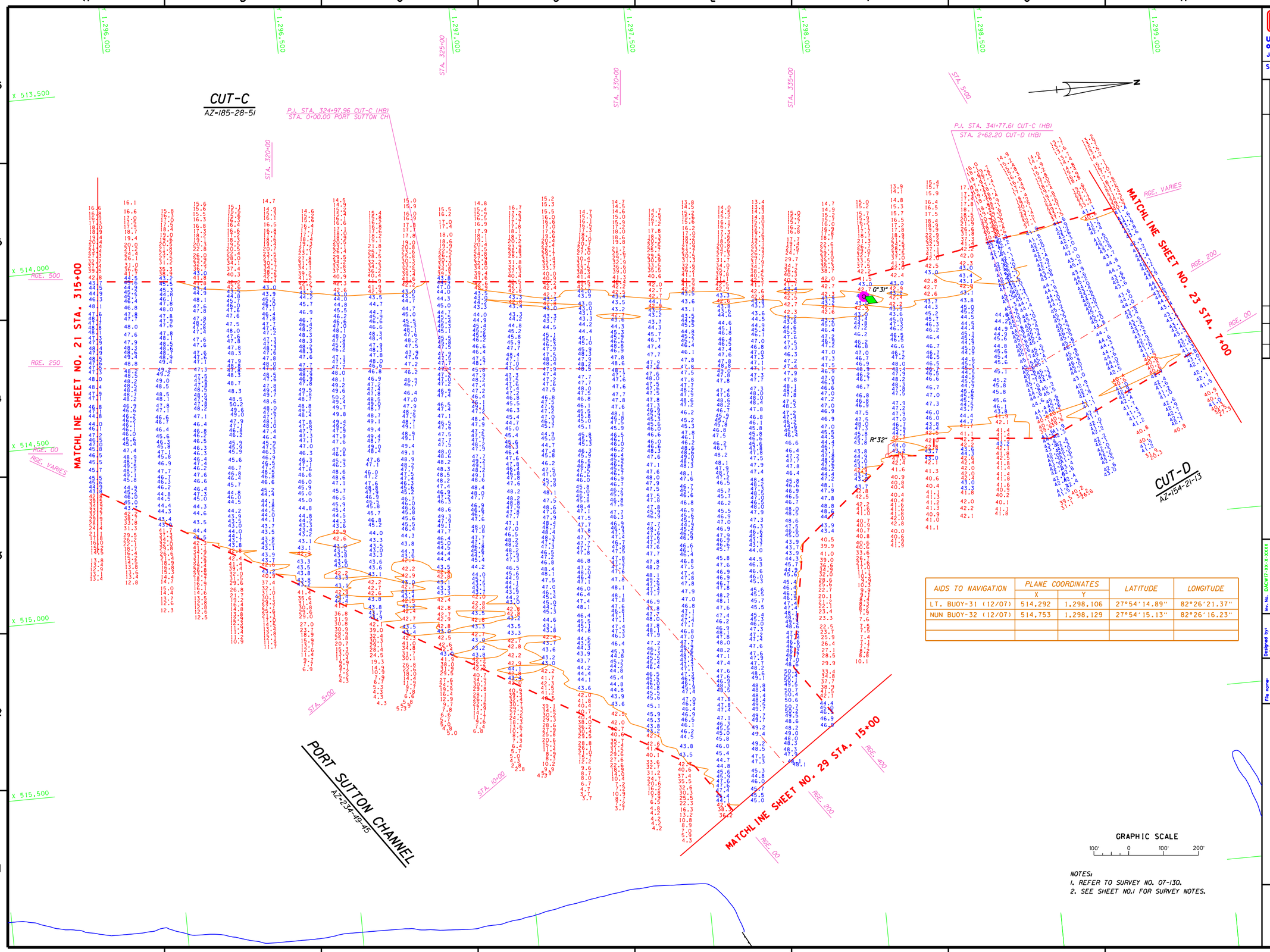
File name: 07-130SH21.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTC.DGN CON43.DGN 07-130NAV.DGN

TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 285+00 THRU STA. 315+00 CUT-C
PLAN

DRAWING NO.
21/35

SHEET 21 OF 54



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-31 (12/07)	514,292	1,298,106	27°54'14.89"	82°26'21.37"
NUN BUOY-32 (12/07)	514,753	1,298,129	27°54'15.13"	82°26'16.23"

NOTES:
1. REFER TO SURVEY NO. 07-130.
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
Date: DEC 2007
D.O.FILE NO.

File name: 07-130SH22.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN TPASHORE83.DGN 07-130CTC.DGN 07-130CTD.DGN 07-130NAV.DGN CON43.DGN CON41.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 315+00 CUT-C THRU STA. 7+00 CUT-D AND
STA. 0+00 THRU STA. 15+00 PORT SUTTON CHL.
PLAN

DRAWING NO.
22/35

SHEET 22 OF 54

AID TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-35 (12/07)	514,072	1,299,013	27°54'23.86"	82°26'23.86"

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

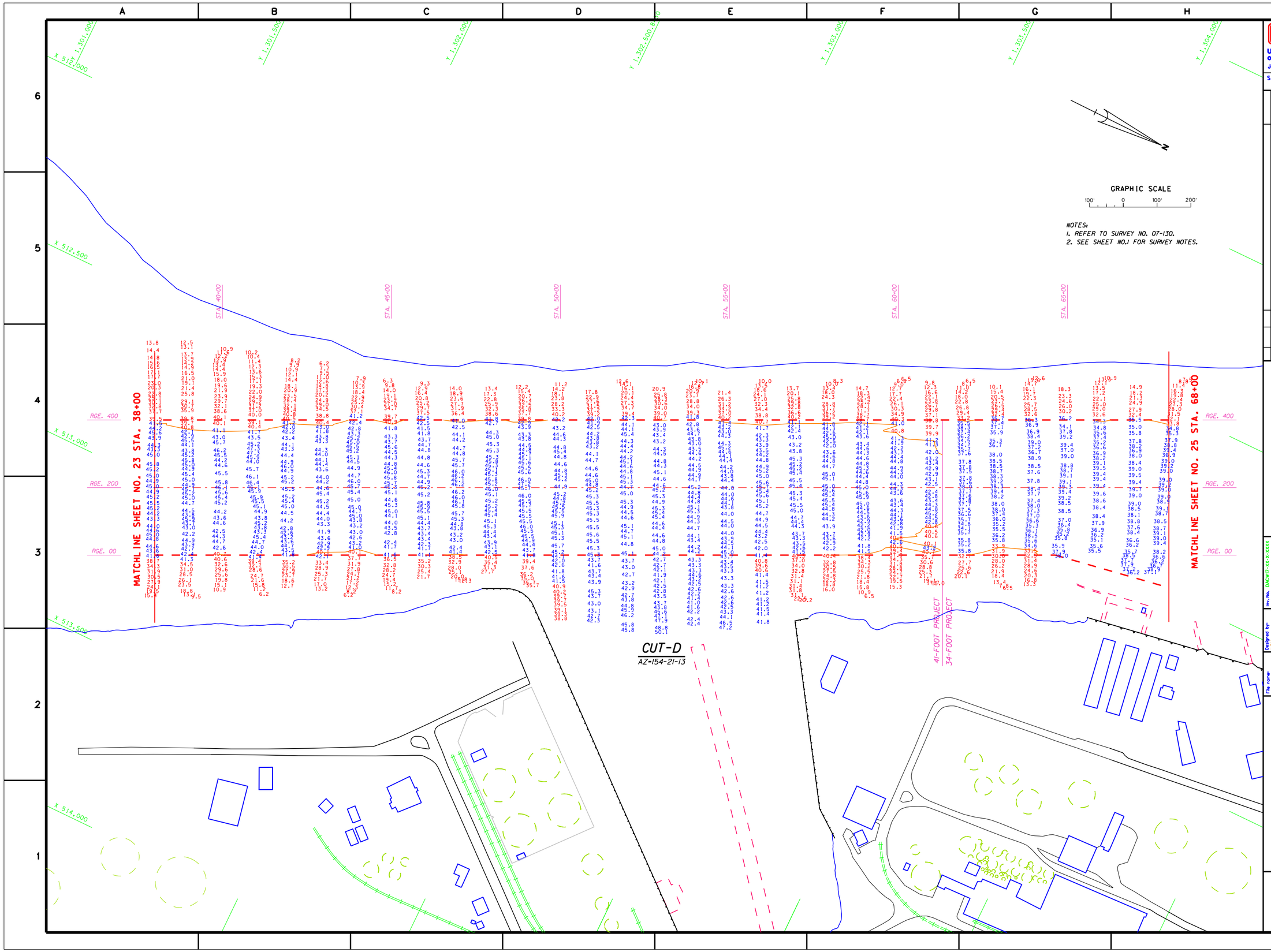
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH23.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN TPASHORE83.DGN 07-130CTD.DGN 07-130NAV.DGN CON41.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 7+00 THRU STA. 38+00 CUT-D
PLAN

DRAWING NO.
23/35

SHEET 23 OF 54



NOTES:
1. REFER TO SURVEY NO. 07-130.
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

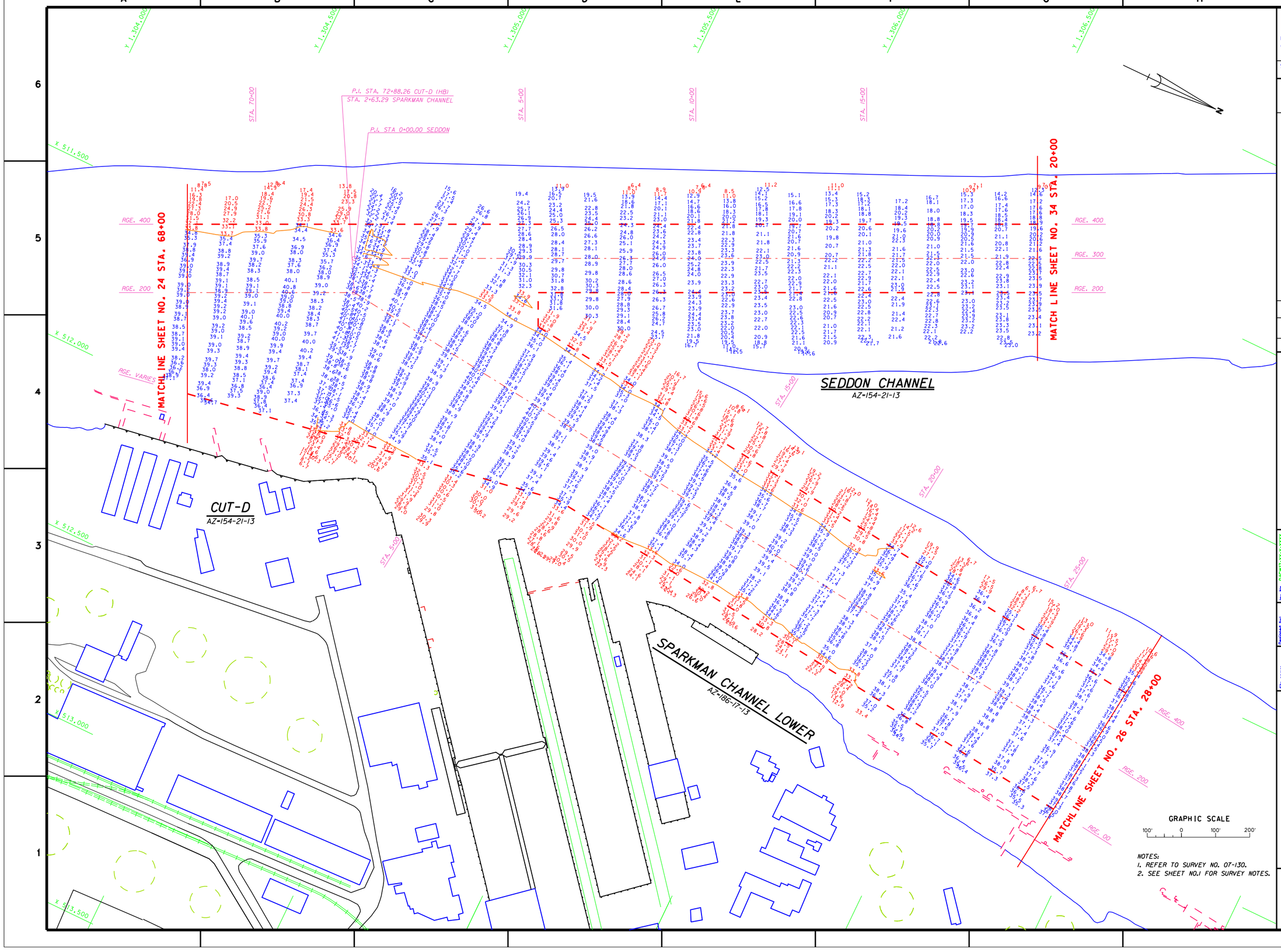
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH24.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN TPASHORE83.DGN 07-130CTD.DGN CON41.DGN CON34.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 38+00 THRU STA. 68+00 CUT-D
PLAN

DRAWING NO.
24/35

SHEET 24 OF 54



NOTES:
1. REFER TO SURVEY NO. 07-130.
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: DEC 2007
D.O.FILE NO.

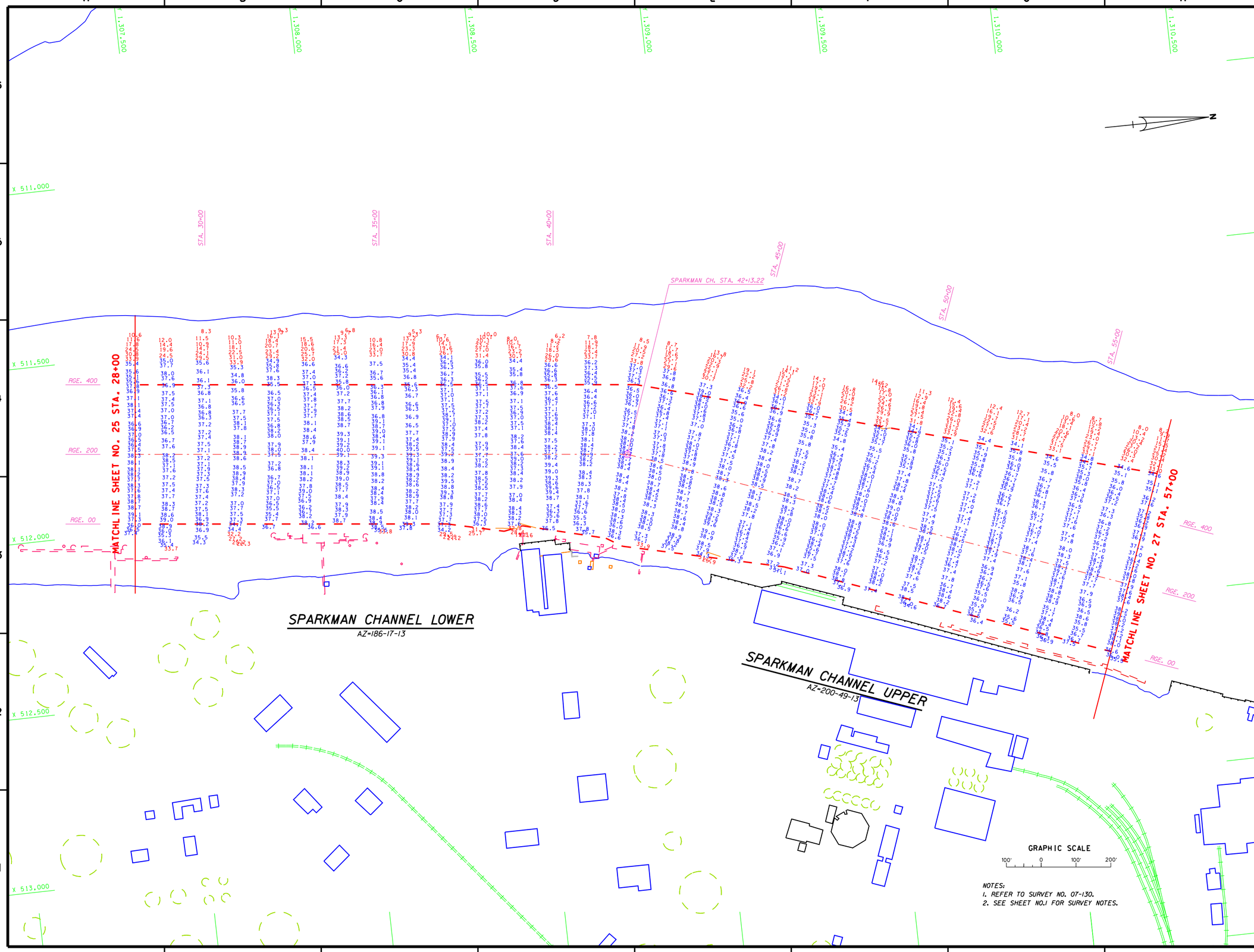
File name: 07-130SH25.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN TPASHORE83.DGN 07-130CTD.DGN 07-130SED.DGN 07-130SP.DGN CON34.DGN

TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 68+00 CUT-D THRU STA. 20+00 SEDDON CHL.
AND STA. 2+63.29 THRU STA. 28+00 SPARKMAN CHL.
PLAN

DRAWING NO.
25/35

SHEET 25 OF 54



NOTES:
1. REFER TO SURVEY NO. 07-130.
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

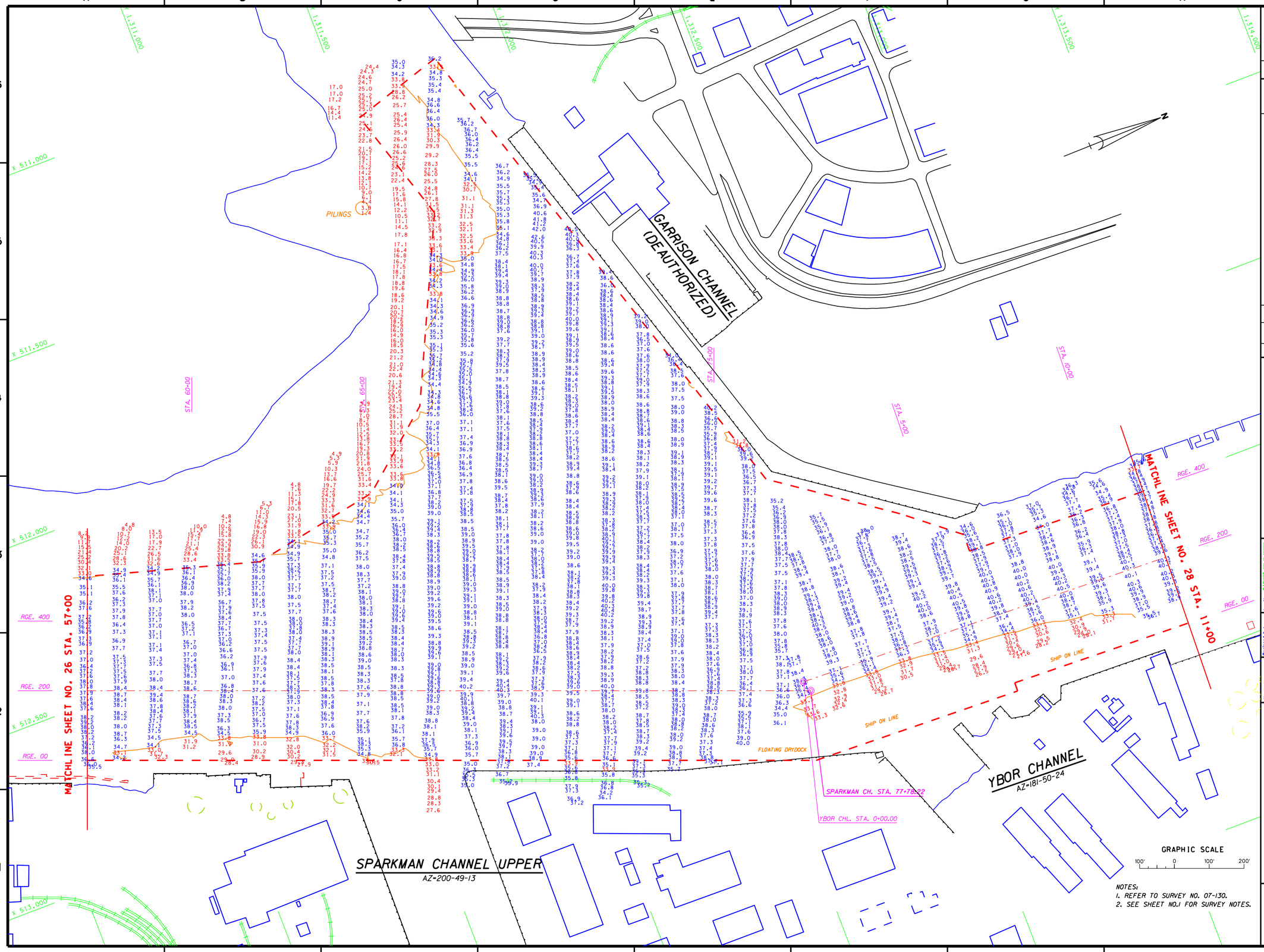
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH26.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN TPASHORE83.DGN 07-130LSP.DGN 07-130USP.DGN CON34.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 28+00 THRU STA. 57+00 SPARKMAN CHANNEL
PLAN

DRAWING NO.
26/35

SHEET 26 OF 54



NOTES:
1. REFER TO SURVEY NO. 07-130.
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

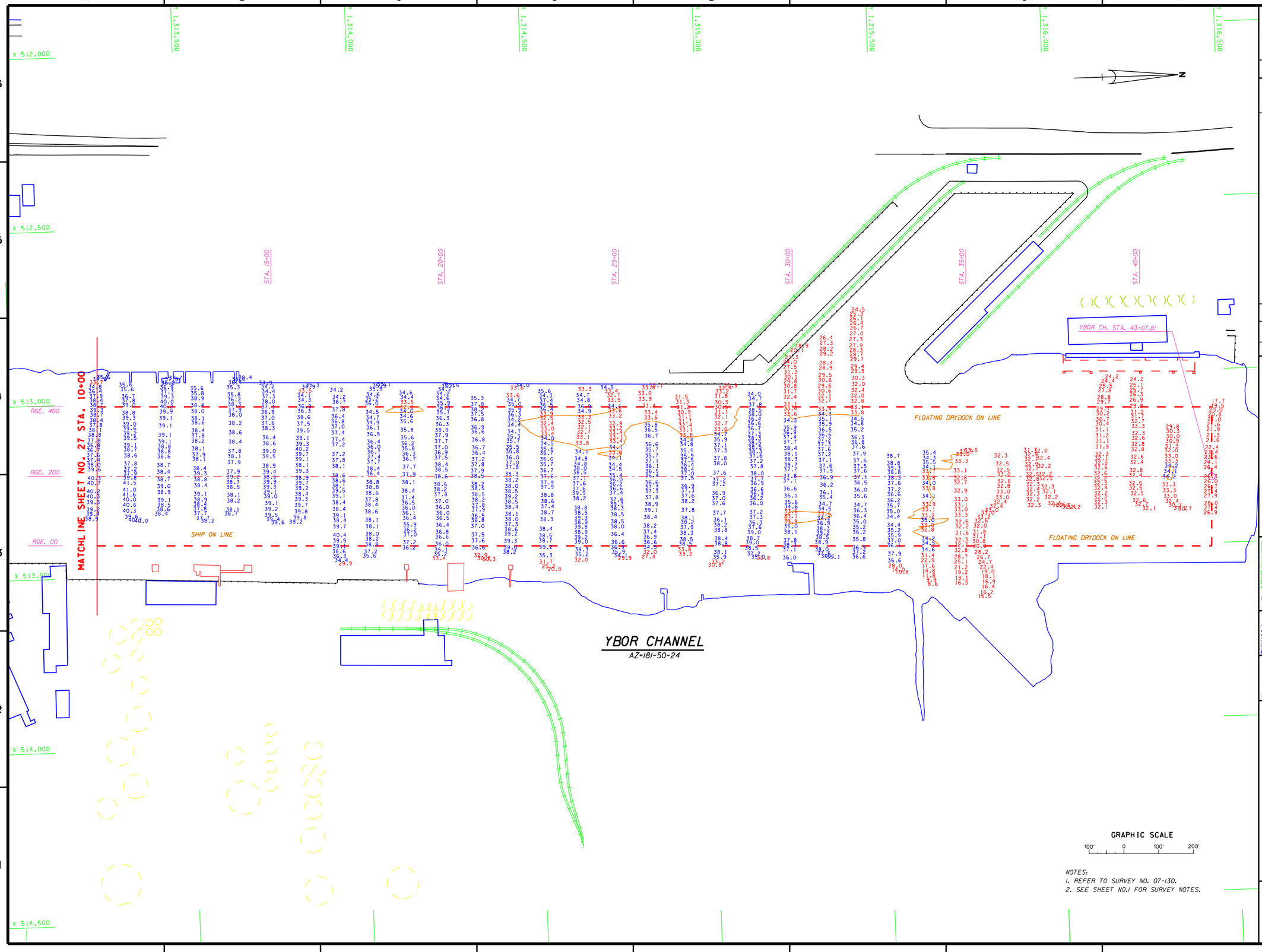
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH27.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN TPASHORE83.DGN 07-130YBR.DGN 07-130GAR.DGN 07-130USP.DGN CON34.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 57+00 SPARKMAN CHANNEL THRU STA. 11+00 YBOR CHANNEL
PLAN

DRAWING NO.
27/35

SHEET 27 OF 54



NOTES:
1. REFER TO SURVEY NO. 07-130.
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

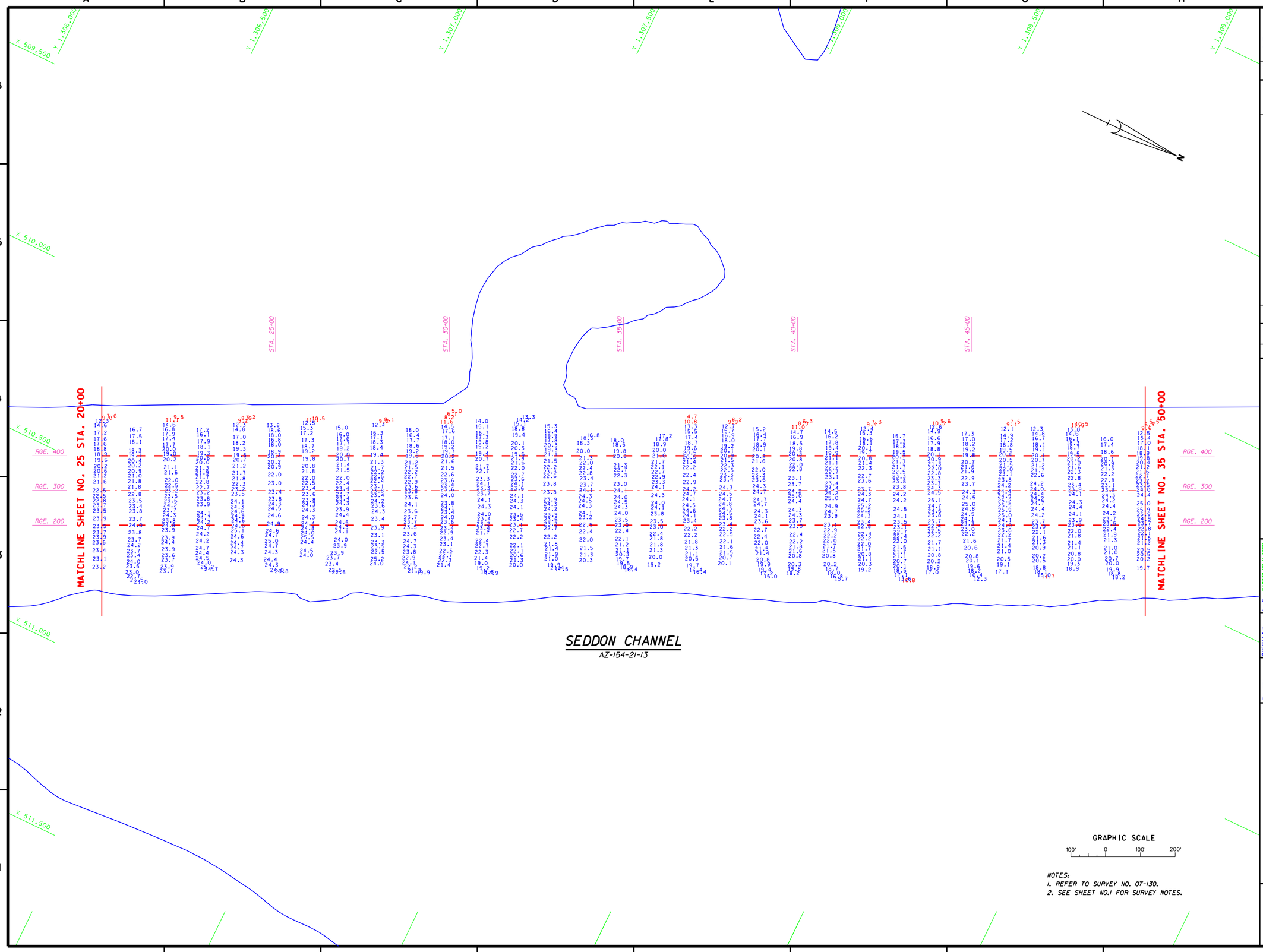
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH28.DGN
Reference files: BRDR98.DGN TPASHORE83.DGN TAMPAHBR83.DGN 07-130YBR.DGN CON34.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 10+00 THRU STA. 43+07.81 YBOR CHANNEL
PLAN

DRAWING NO.
28/35

SHEET 28 OF 54



SEDDON CHANNEL

AZ=154-21-13

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

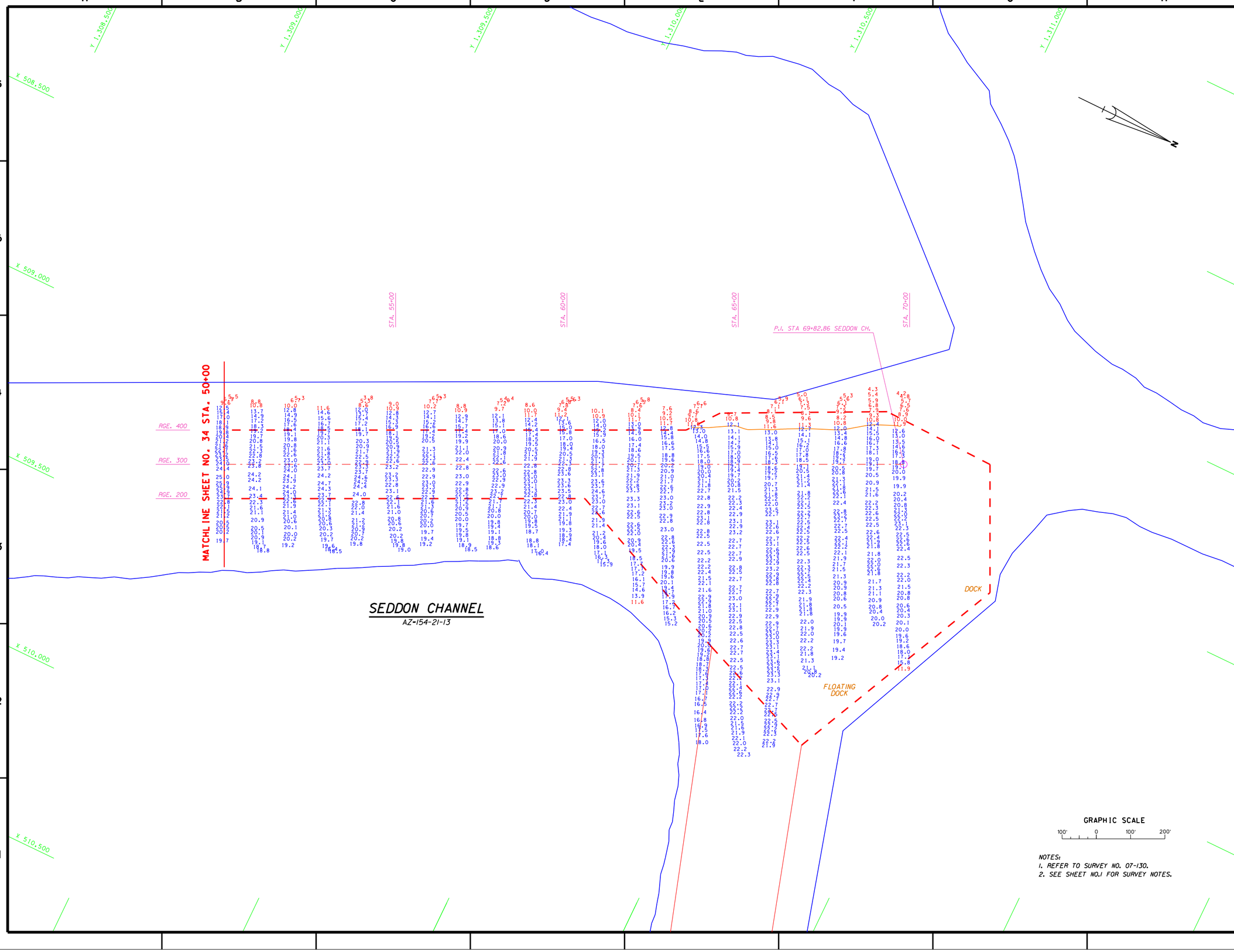
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH34.DGN
Reference files: BRDR98.DGN TPASHORE83.DGN TAMPAHBR83.DGN 07-130SED.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 20+00 THRU STA. 50+00 SEDDON CHANNEL
PLAN

DRAWING NO.
29/35

SHEET 34 OF 54



NOTES:
1. REFER TO SURVEY NO. 07-130.
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

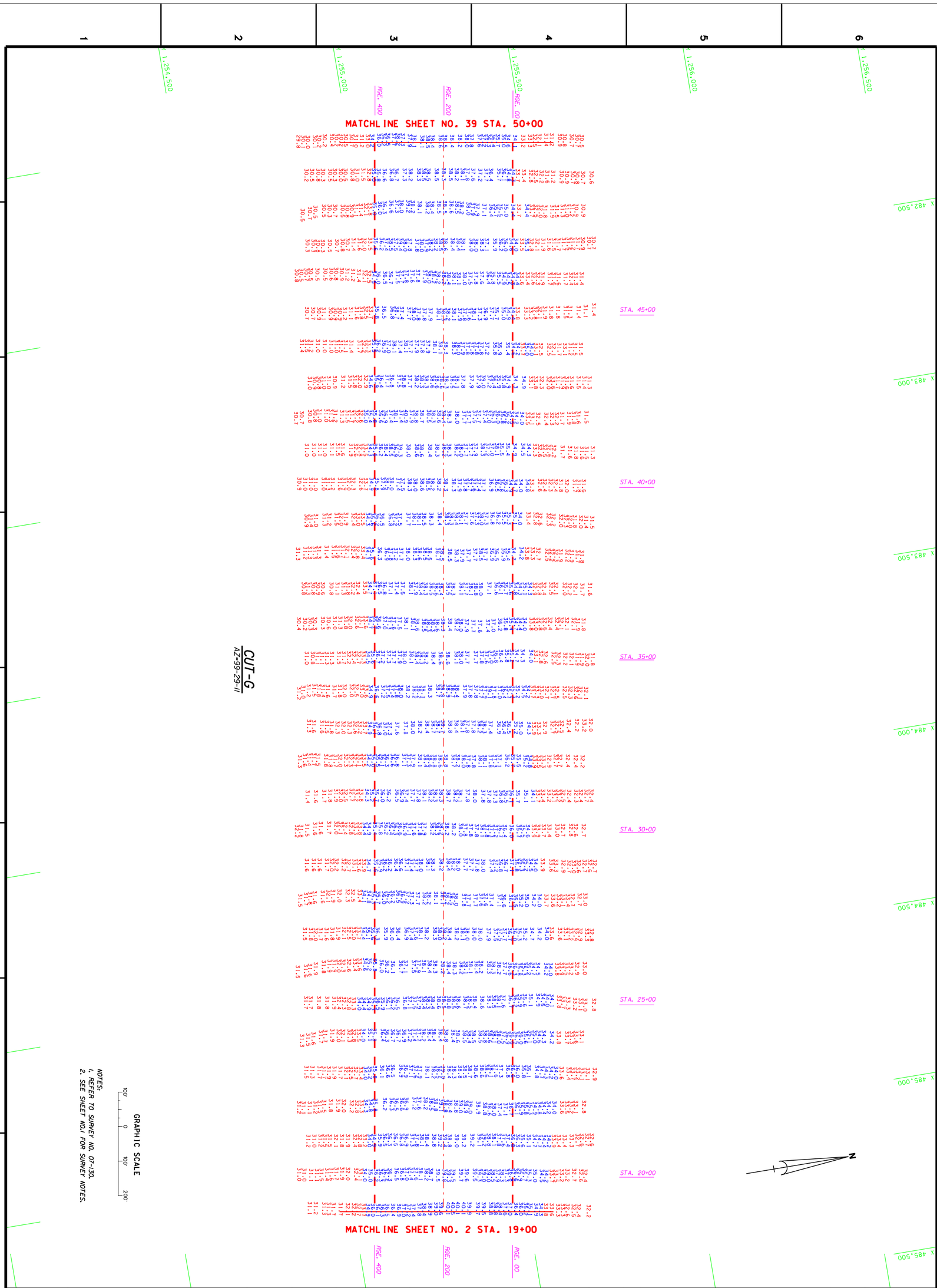
Dated: DEC 2007
D.O.FILE NO.

File name: 07-135SH35.DGN
Reference files: B90R98.DGN TPASHORE83.DGN TAMPAHBR83.DGN 07-130SED.DGN CON12.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 50+00 THRU STA. 69+82.86 SEDDON CHANNEL
PLAN

DRAWING NO.
30/35

SHEET 35 OF 54



TAMPA HARBOR, FLORIDA

PROJECT CONDITON SURVEY
12, 34, 41 & 43-FOOT PROJECT

STA. 20+00 THRU STA. 50+00 CUT-G PLAN

File name: 07-130SH38.DGN
Reference files: BRDR98.DGN, 07-130CTG.DGN, TAMPAHBR83.DGN
Designed by: XXX
Dwn by: WRM
Ckd by: WRM
Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XX:X
Dated: DEC 2007
D.O.FILE NO.

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

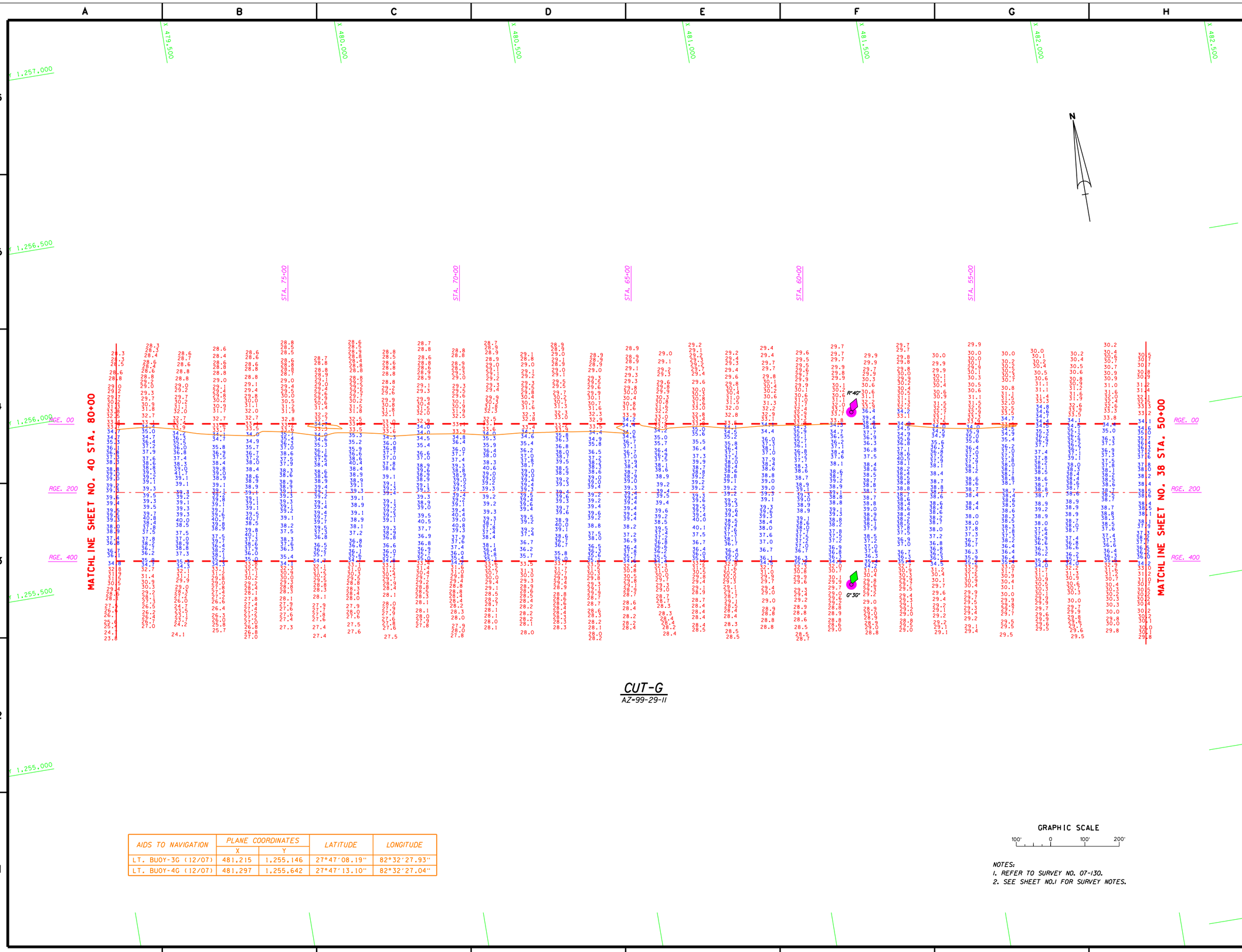
No.	Symbol	Zone	Description	Approved

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

DRAWING NO. 31/35

SHEET 38 OF 54



CUT-G
AZ=99-29-11

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-3G (12/07)	481,215	1,255,146	27°47'08.19"	82°32'27.93"
LT. BUOY-4G (12/07)	481,297	1,255,642	27°47'13.10"	82°32'27.04"

GRAPHIC SCALE
100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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

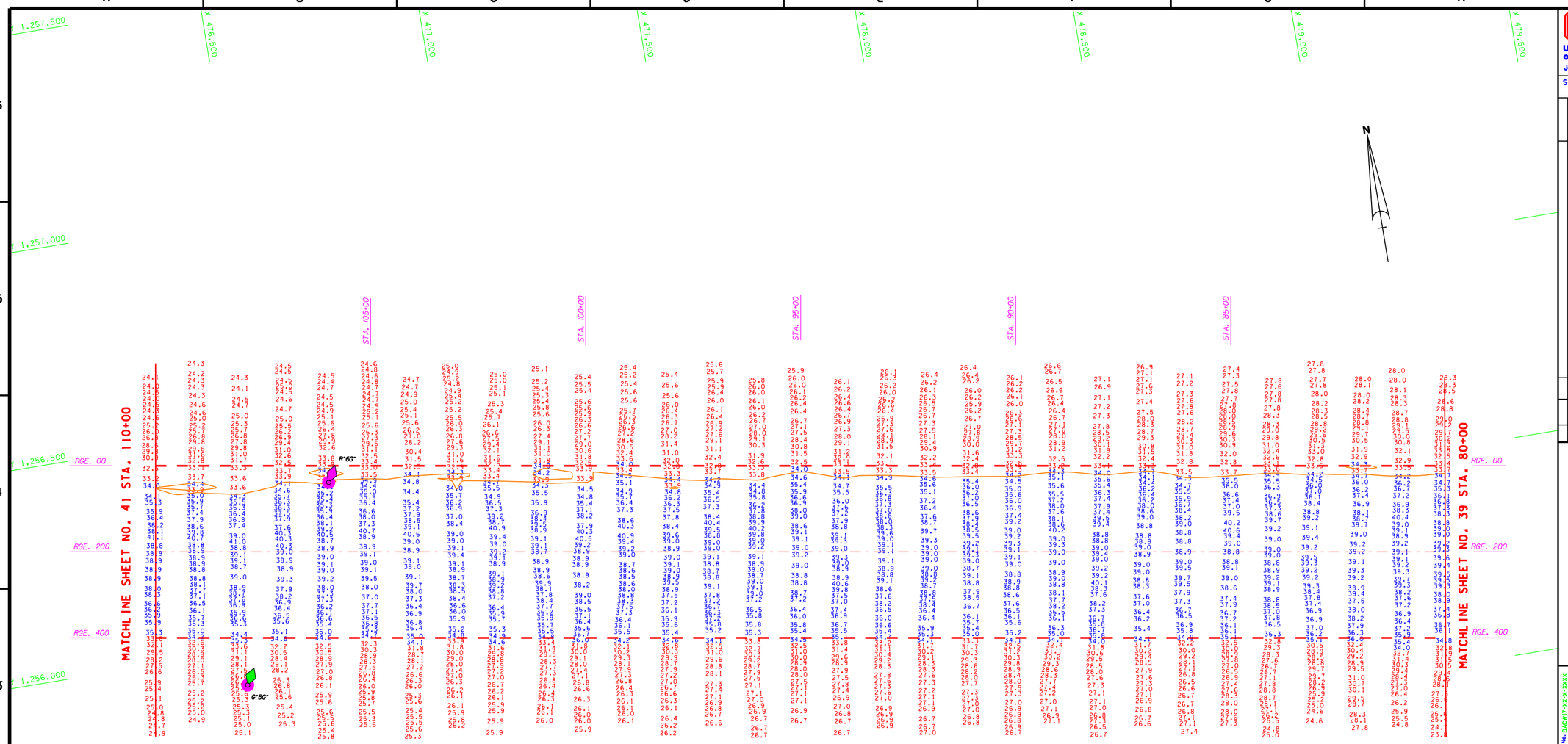
Inv. No. DACW17-XX-X-XXXX
Dated: XX XXX XXXX
Scale: AS SHOWN
Plot date: XX XX XXXX
Plot scale: XXX
Designed by: XXX
Dwn by: WRM
Ckd by: WRM
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH39.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTG.DGN 07-130NAV.DGN CON34.DGN

TAMPA HARBOR, FLORIDA
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 50+00 THRU STA. 80+00 CUT-G
PLAN

DRAWING NO.
32/35

SHEET 39 OF 54



CUT-G

AZ=99-29-11

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-5G (12/07)	476,348	1,255,917	27°47'15.61"	82°33'22.16"
LT. BUOY-6G (12/07)	476,611	1,256,351	27°47'19.92"	82°33'19.25"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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: XXX
Dwn by: WMW
Ckd by: WMW
Dated: DEC 2007
D.O.FILE NO.

File name: 07-130SH40.DGN
Reference files: B90998.DGN, 07-130CTG.DGN, 07-130NAV.DGN, TAMP4B98S3.DGN, CON34.DGN

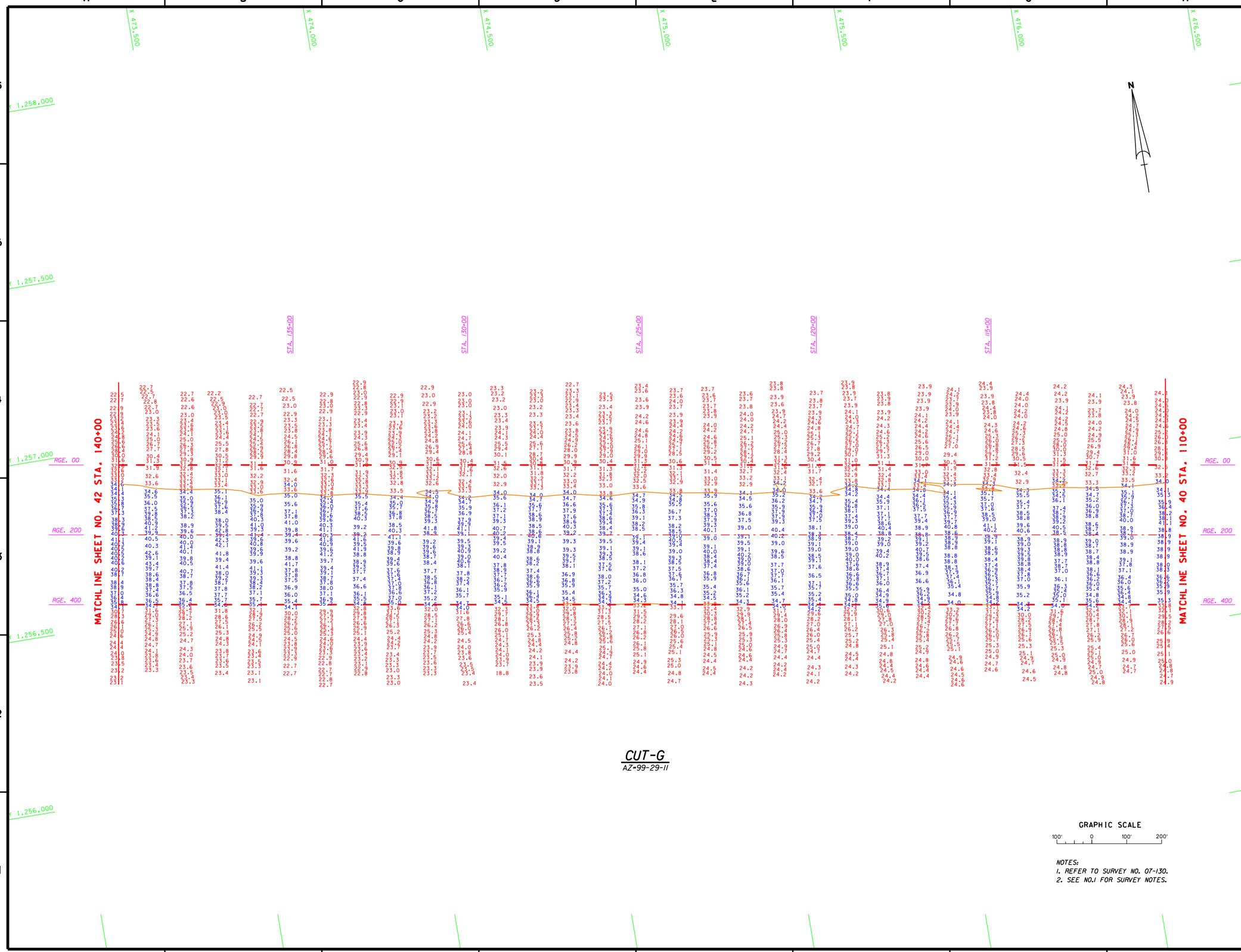
TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT

STA. 80+00 THRU STA. 110+00 CUT-G
PLAN

DRAWING NO.
33/35

SHEET 40 OF 54



NOTES:
1. REFER TO SURVEY NO. 07-130.
2. SEE 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: XXX
Dwn by: XXX
Ckd by: XXX

Dated: DEC 2007
D.O. FILE NO.

File name: 07-130SH41.DGN
Reference files: BRDRB.DGN 07-130CTG.DGN TAMPAHBR83.DGN CON34.DGN

TAMPA HARBOR, FLORIDA

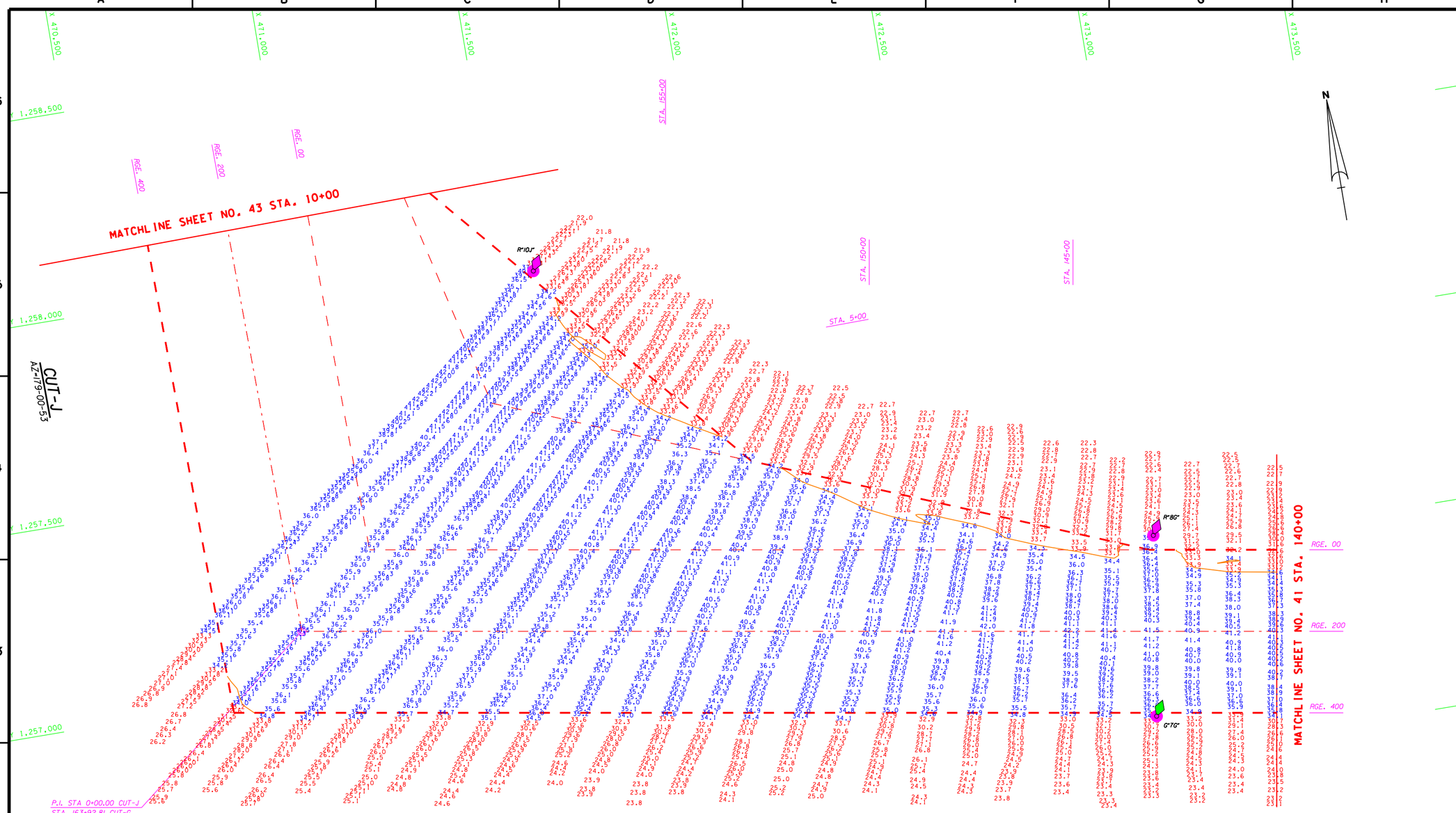
PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT

STA. 110-00 THRU STA. 140-00 CUT-G

PLAN

DRAWING NO.
34/35

SHEET 41 OF 54



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT. BUOY-7G (12/07)	472,904	1,256,596	27°47'22.17"	82°34'00.54"
LT. BUOY-8G (12/07)	472,969	1,257,035	27°47'26.52"	82°33'59.84"
LT. BUOY-10J (12/07)	471,575	1,257,925	27°47'35.28"	82°34'15.40"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 07-130.
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: XXIX

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

Dated: DEC 2007
D.O. FILE NO.

File name: 07-130SH42.DGN
Reference files: BRDR98.DGN TAMPAHBR83.DGN 07-130CTG.DGN 07-130NAV.DGN CON34.DGN

TAMPA HARBOR, FLORIDA

PROJECT CONDITION SURVEY
12, 34, 41 & 43-FOOT PROJECT
STA. 140+00 CUT-G THRU STA. 10+00 CUT-J
PLAN

DRAWING NO.
35/35

SHEET 42 OF 54