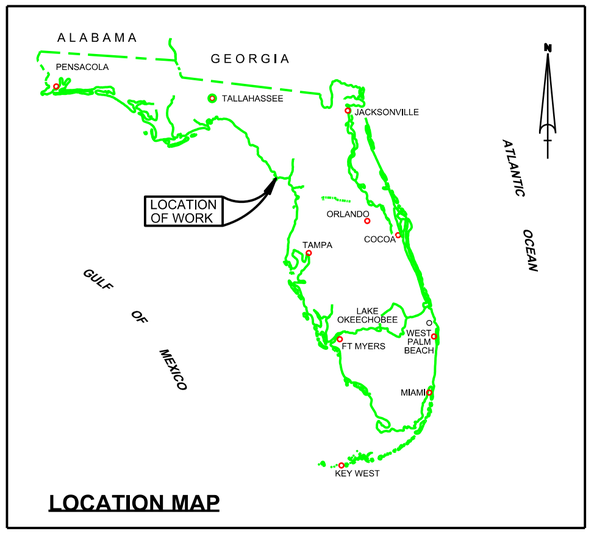


LOCATION MAP

CEDAR KEYS HARBOR
LEVY COUNTY, FLORIDA
PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 16-038.
2. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO NOAA'S REPORTED MEAN LOWER LOW WATER (MLLW) OF THE 1983-2001 TIDAL EPOCH.
3. TIDAL REDUCTIONS WERE OBTAINED UTILIZING A REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME IS: "SPC-FL-WEST-2010-12-07.KTD".
4. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
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 STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
7. THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BSAE LOCATION:

   REFERENCE BASE LOCATED AT "MR DENO" (PID: BBCB98)
8. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). NOAA'S VDATUM MODEL WAS USED AND CALIBRATED TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS ASSOCIATED WITH THE TIDE GAGE SITES SPECIFIED BELOW:

   NOAA TIDAL STATION 872 7250 USED FOR ALL CUTS. (PID: AR1665)

   VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMARTSOUNDER DUAL-FREQUENCY 28/200 KHZ SINGLE-BEAM TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-48	24 MAY 2016	MAIN CHANNEL, NW CHANNEL
SB-48	25 MAY 2016	USCG EXTENDED COVERAGE

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, 30 NOV 13.

LEGEND	
△	MONUMENT
	LIGHTED BEACON
■	GREEN DAYBEACON
▲	RED DAYBEACON
	RED LIGHTED BUOY
	GREEN LIGHTED BUOY
C	CAN BUOY
N	NUN BUOY
	TIDE STAFF
8	PROJECT DEPTH

US Army Corps of Engineers
Jacksonville District

SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: VIRM
DWN by: VIRM
Chk by: CMR
Rev. No.
Date: MAY 2016

XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
16-038-CEDARKEYS-BSE-FB-CHANNEL.DGN
Reference files:
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

INDEX, LOCATION AND VICINITY

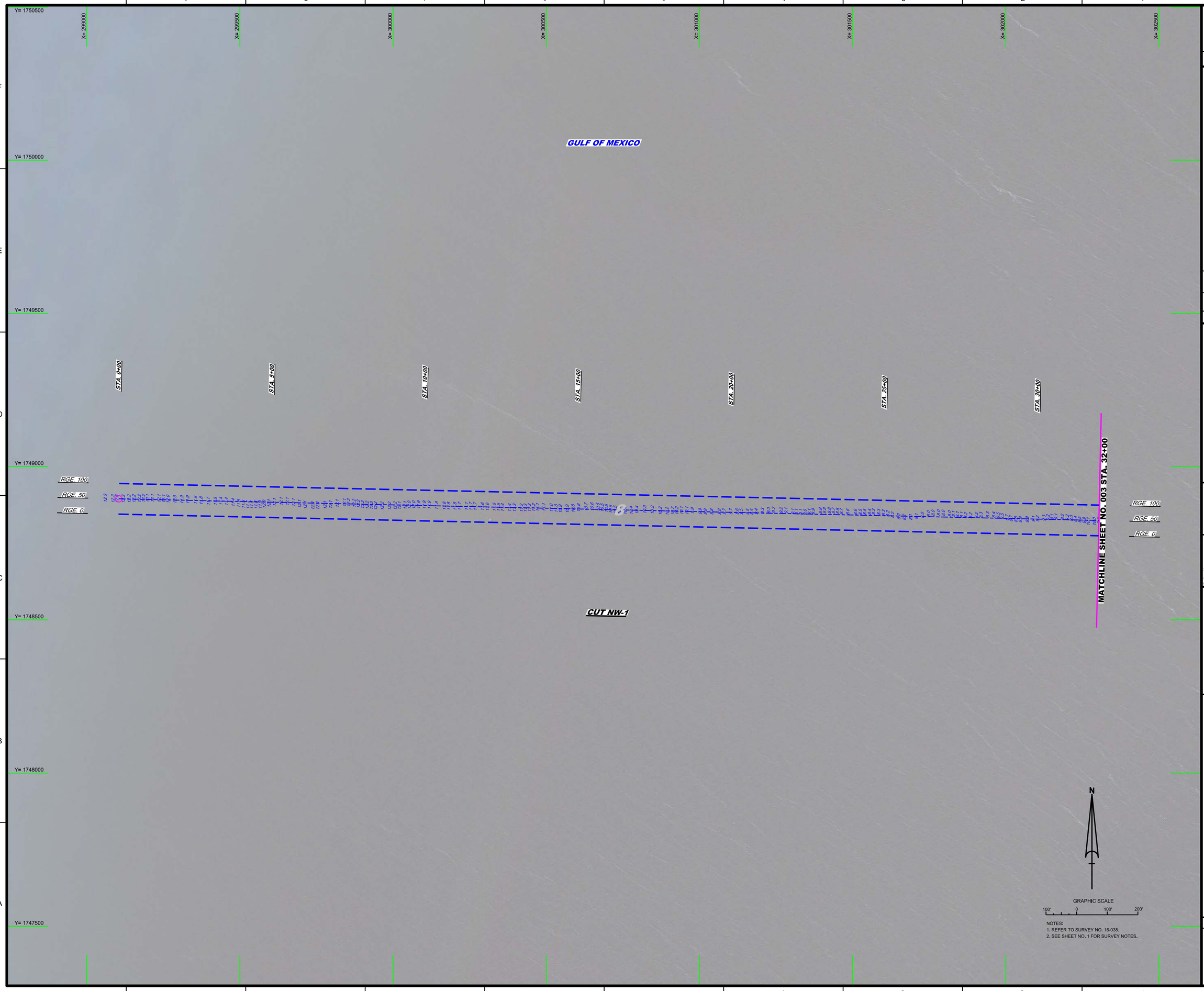
MAP

Scale: AS SHOWN

Drawing no.

1

SHEET 01 OF 20



NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
DWN by: VIRM
Chkd by: CMR
Rev. No.
Date: MAY 2016

CVN/XXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
16-038-LSQUILINW1.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL.DGN
16-038-CES-SRDR.DGN
Reference files:
16-038-VH-002.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
6 AND 10.5-FOOT PROJECT

STA. 0+00 THRU STA. 32+00 CUT NW-1

PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 20

Y= 1750500
Y= 1750000
Y= 1749500
Y= 1749000
Y= 1748500
Y= 1748000
Y= 1747500

X= 302500
X= 303000
X= 303500
X= 304000
X= 304500
X= 305000
X= 305500

GULF OF MEXICO

STA. 35+00
STA. 40+00
STA. 45+00
STA. 5+00
STA. 10+00

G"3"

P.I. STA. 49+81.26 CUT NW-1
P.I. STA. 0+00 CUT NW-2

MATCHLINE SHEET NO. 002 STA. 32+00

MATCHLINE SHEET NO. 004 STA. 15+00

RGE. 100
RGE. 50
RGE. 0

CUT NW-1

CUT NW-2

N

GRAPHIC SCALE
100' 0 100' 200'

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-3 (05/16)	303,991	1,749,220	29°08'27.69"	83°06'11.42"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
DWN by: VIRM
Chk'd by: CMR
Rev. No.
Date: MAY 2016

CV:XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
16-038-N-NAV.DGN
16-038-N-SOUNDING.DGN
16-038-N-SOUN_NW1.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL.DGN
16-038-C-ES-BKDR.DGN
Reference files:
16-038-VH-003.DGN
File name:

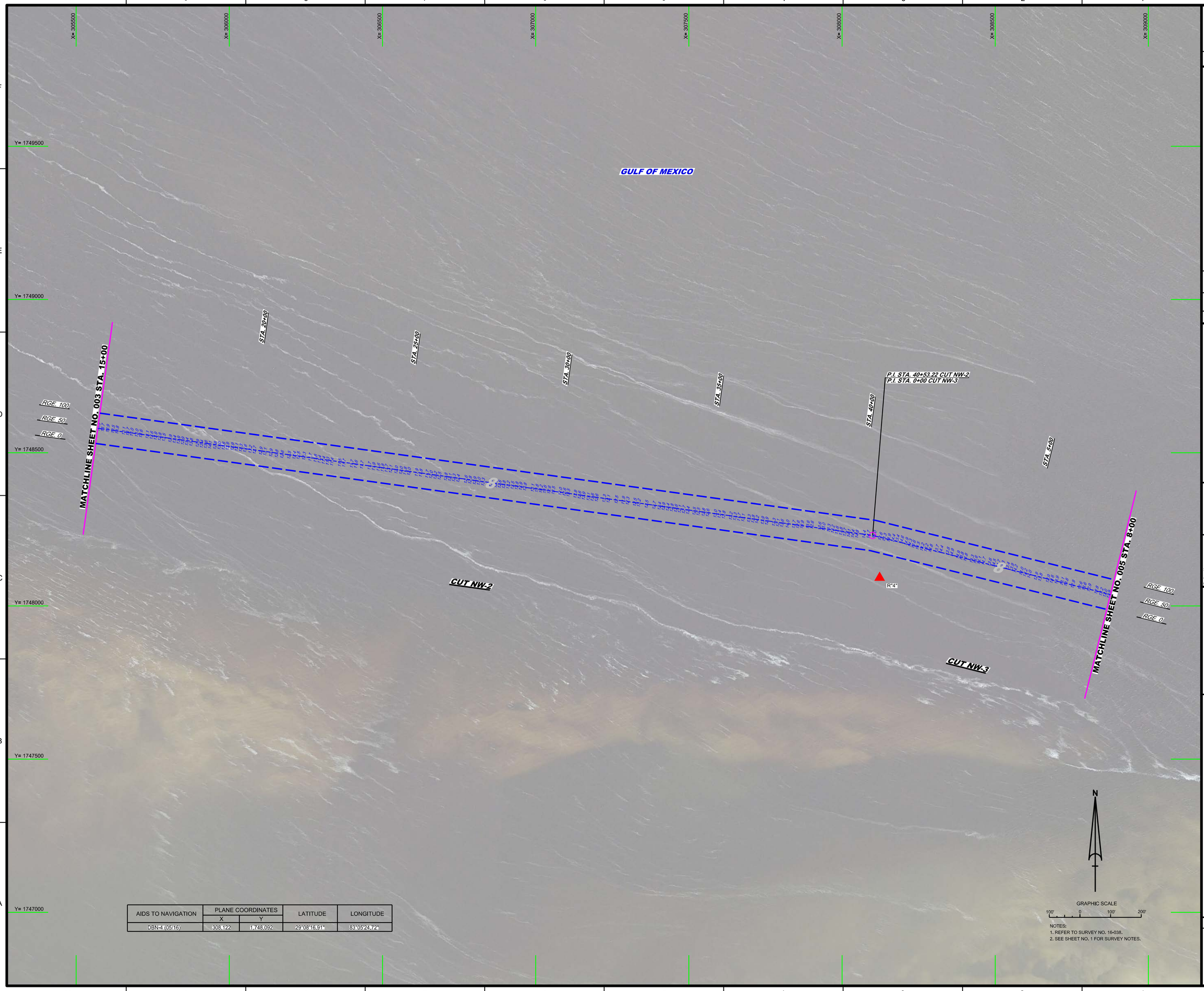
CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT
STA. 32+00 CUT NW-1 THRU STA. 15+00 CUT NW-2
PLAN

Scale: AS SHOWN

Drawing no.
3

SHEET 03 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-4 (05/16)	308,122	1,748,092	29°08'16.91"	83°05'24.72"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.:
Date: MAY 2016

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
16-038A-NAV.DGN
16-038A-SOUTH_NW2.DGN
16-038A-SOUTH_NW3.DGN
CEDARKEY-NAD83(90)-INTERIM-CHANNEL.DGN
16-038A-SBR.DGN
Reference files:
16-038A-HH04A.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT
STA. 15+00 CUT NW-2 THRU STA. 8+00 CUT NW-3

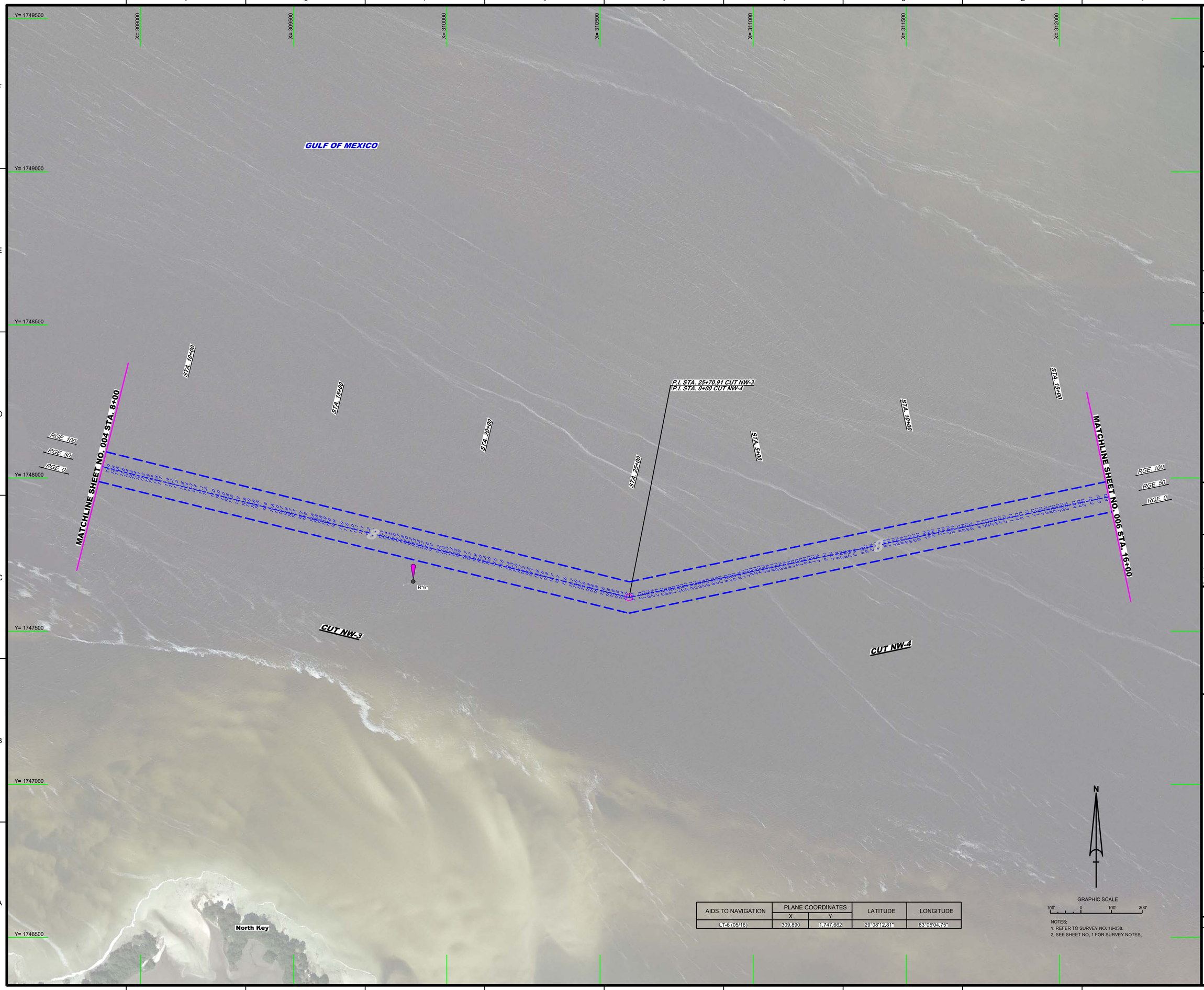
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-6 (05/16)	309,890	1,747,662	29°08'12.81"	83°05'04.75"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Cad by: GMR
Designed by: WRM
DWN by: WRM
Rev. No.
Date: MAY 2016

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
16-038-NAVAU.DGN
16-038-NAVSU_NW2.DGN
16-038-NAVSUN_NW4.DGN
CEDARKEY-NAD83(90)INTERIM-CHANNEL.DGN
16-038-CAES-BRDR.DGN
Reference files:
File name:
16-038-VH-005.DGN

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

STA. 8+00 CUT NW-3 THRU STA. 16+00 CUT NW-4

PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 20

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-8 (05/16)	313,104	1,748,039	29°08'16.84"	83°04'28.55"
LT-9 (05/16)	314,000	1,748,412	29°08'20.62"	83°04'17.48"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
DWN by: VIRM
Chkd by: CMR
Rev. No.
Date: MAY 2016

Reference files:
LV-XXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
16-038-V-NAV.DGN
16-038-V-NAV-PLAN-M4.DGN
15-038-M-SOUN_NVS.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL.DGN
16-038-C-ES-SHDR.DGN
File name: 16-038-V-H006.DGN

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

STA. 16+00 CUT NW-4 THRU STA. 16+00 CUT NW-5

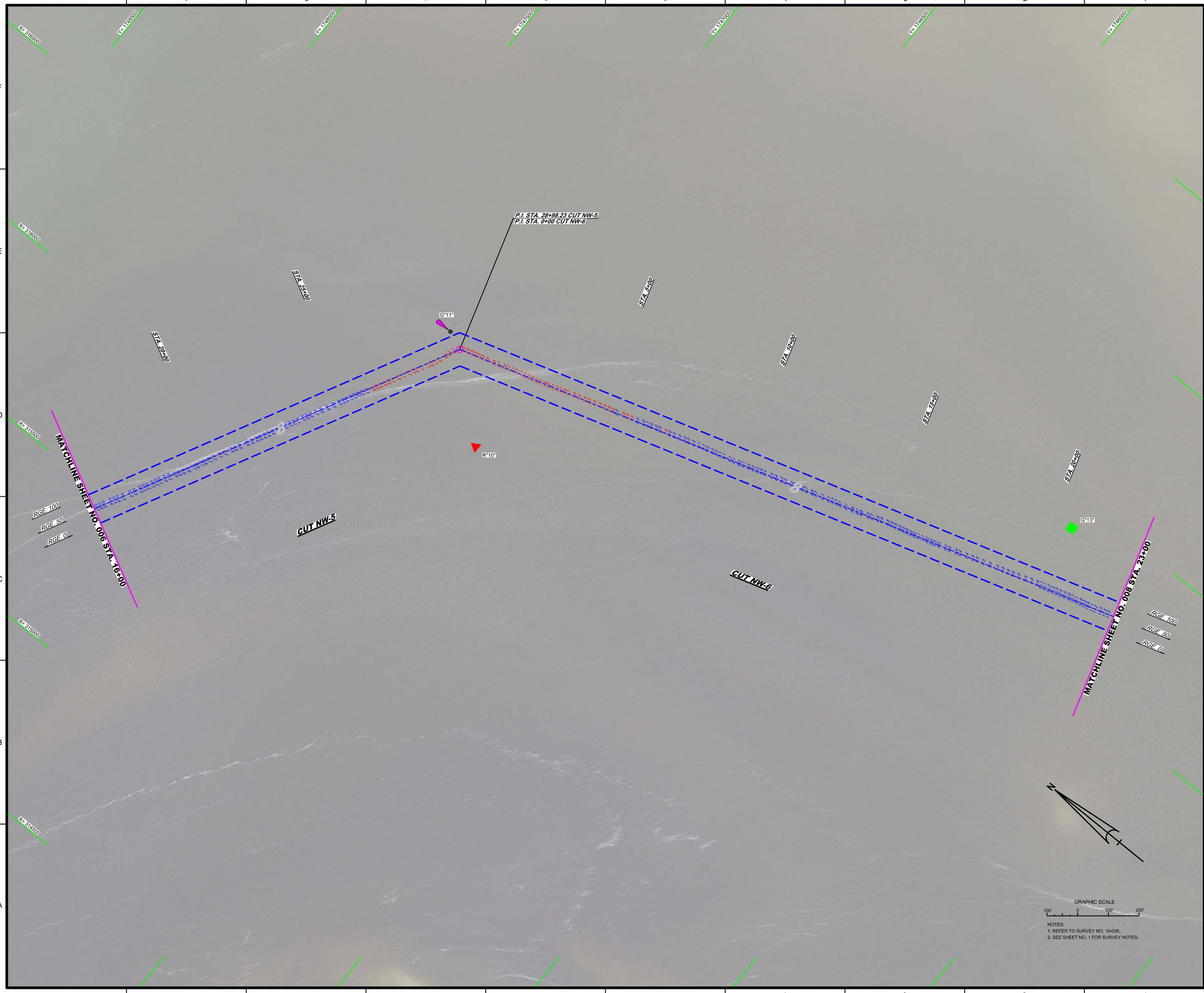
PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 20



NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.
Date: MAY 2016

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
16-038A-NAV.DGN
16-038A-SOUTH_NW5.DGN
16-038A-SOUTH_NW6.DGN
CEDARKEY-NAD83(90)-INTERIM-CHANNEL.DGN
16-038A-BR-SR0R.DGN
Reference files
16-038-HH07.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

STA. 16+00 CUT NW-5 THRU STA. 23+00 CUT NW-6

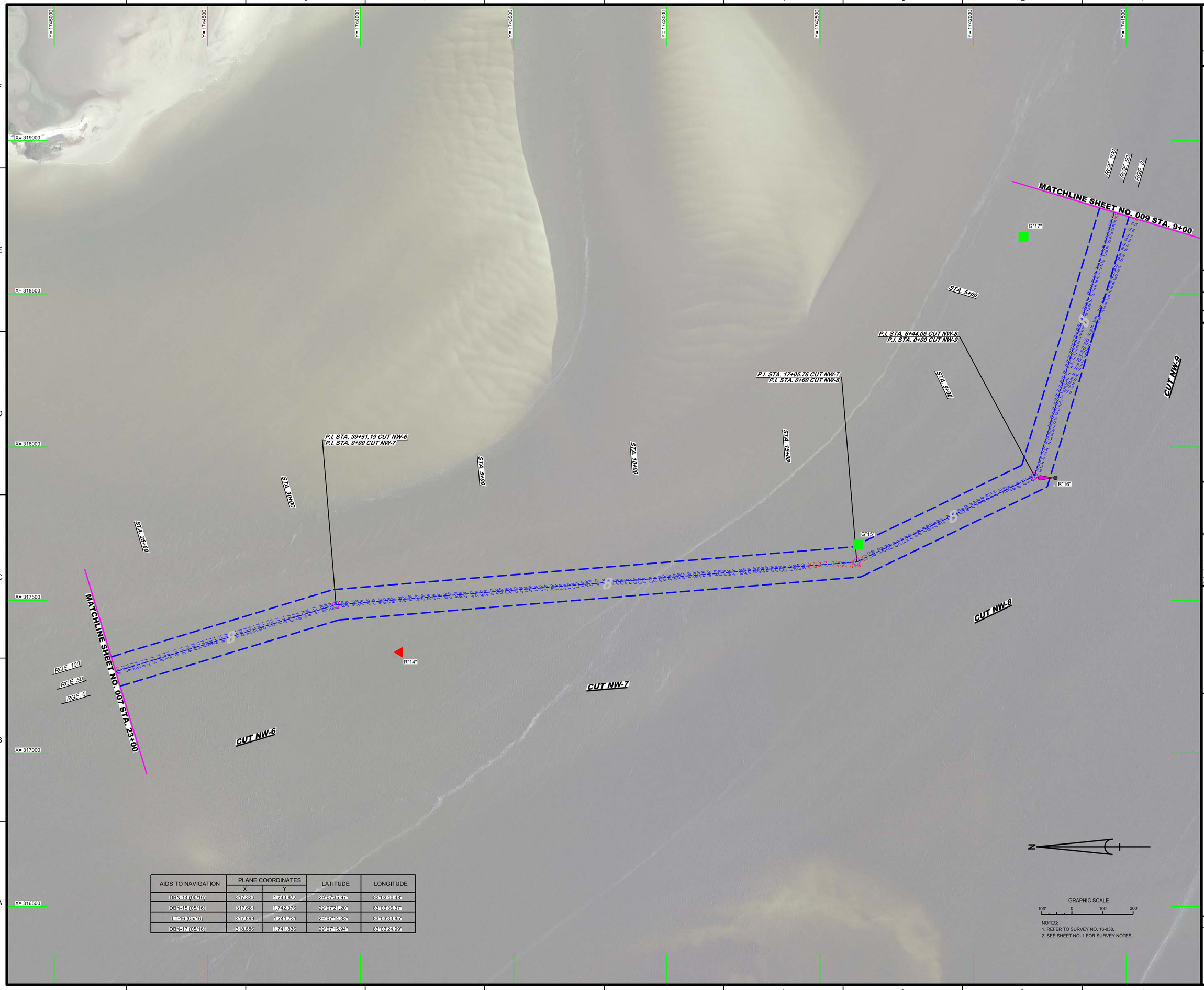
PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-14 (05/16)	317,330	1,743,872	29°07'35.97"	83°03'40.48"
DBN-15 (05/16)	317,681	1,742,376	29°07'21.20"	83°03'36.37"
LT-16 (05/16)	317,899	1,741,731	29°07'14.83"	83°03'33.85"
DBN-17 (05/16)	318,686	1,741,836	29°07'15.94"	83°03'24.99"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
Drawn by: VIRM
Checked by: CMR
Rev. No.
Date: MAY 2016

16-038-VAR01.DGN
16-038-V-SOUN_NW6.DGN
16-038-V-SOUN_NW7.DGN
16-038-V-SOUN_NW8.DGN
16-038-V-SOUN_NW9.DGN
CADEARKEY-NAD83(2011)-INTERIM-CHANNEL.DGN
16-038-CES-SHDR.DGN
Reference files:
16-038-VH-008.DGN
File name:

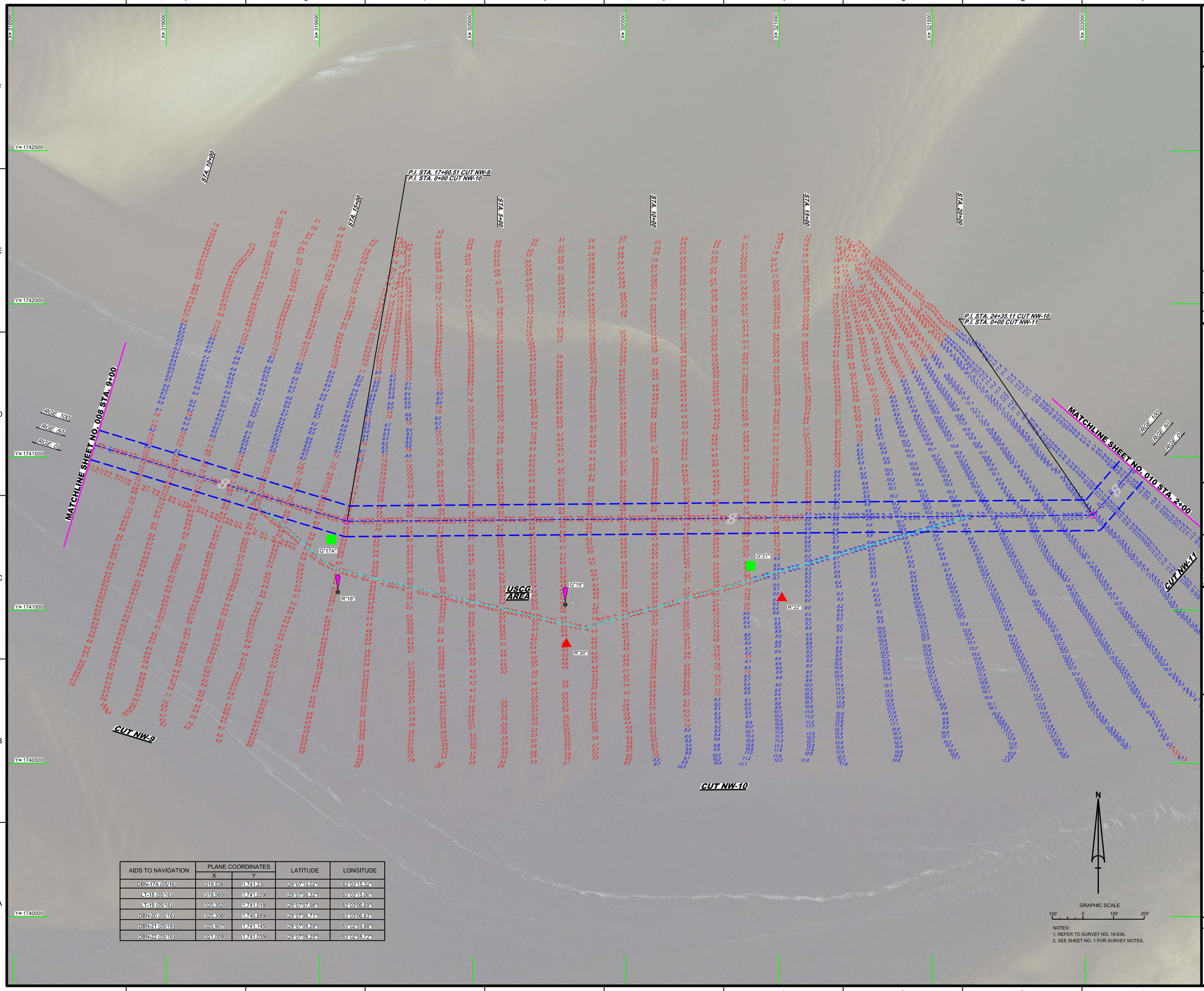
CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT
STA. 23+00 CUT NW-6 THRU STA. 9+00 CUT NW-9
PLAN

Scale: AS SHOWN

Drawing no.
8

SHEET 08 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-17A (05/16)	319,538	1,741,230	29°07'10.02"	83°03'15.32"
LT-18 (05/16)	319,560	1,741,059	29°07'08.32"	83°03'15.06"
LT-19 (05/16)	320,302	1,741,018	29°07'07.98"	83°03'06.69"
DBN-20 (05/16)	320,306	1,740,889	29°07'06.71"	83°03'06.63"
DBN-21 (05/16)	320,907	1,741,145	29°07'09.29"	83°02'59.88"
DBN-22 (05/16)	321,009	1,741,039	29°07'08.25"	83°02'58.72"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: WRM
Drawn by: WRM
Checked by: CMR
Rev. No.
Date: MAY 2016

16-038-V-SOUN_LWW1.DGN
16-038-V-SOUN_LWW2.DGN
16-038-V-SOUN_LWW11.DGN
16-038-V-SOUN_NW1_USCG.DGN
16-038-V-SOUN_NW1_USCG2.DGN
16-038-V-SOUN_NW11_USCG.DGN
CADCEARKEY-NAD83(95)-INTERIM-CHANNEL.DGN
16-038-C-SS-BKDR.DGN
16-038-A-NAVI.DGN
16-038-C-SOUN_LWW1.DGN
16-038-V-H009.DGN

Reference files:
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT
STA. 3+00 CUT NW-9 THRU STA. 2+00 CUT NW-11

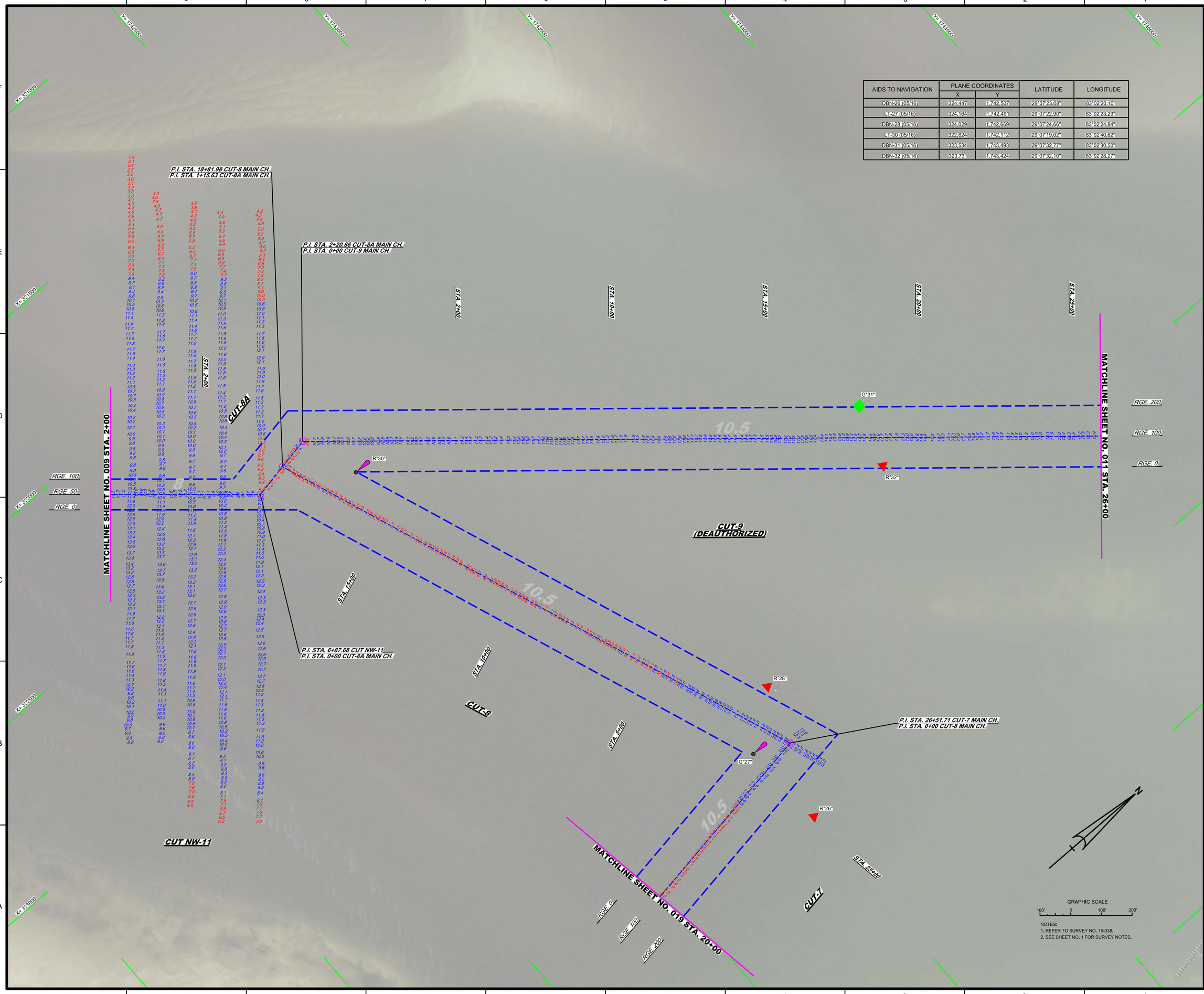
PLAN

Scale: AS SHOWN

Drawing no.
9

SHEET 09 OF 20

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-26 (05/16)	324,447	1,742,507	29°07'23.08"	83°02'20.10"
LT-27 (05/16)	324,164	1,742,491	29°07'22.90"	83°02'23.29"
DBN-28 (05/16)	324,029	1,742,669	29°07'24.66"	83°02'24.84"
LT-30 (05/16)	322,624	1,742,112	29°07'19.02"	83°02'40.62"
DBN-31 (05/16)	323,534	1,743,493	29°07'32.77"	83°02'30.50"
DBN-32 (05/16)	323,731	1,743,424	29°07'32.10"	83°02'28.27"



NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.
Date: MAY 2016

16-038-V-MAV.DGN
16-038-A-SOUN_C1D.DGN
16-038-A-SOUN_C2D.DGN
16-038-A-SOUN_C8A.DGN
16-038-A-SOUN_C9.DGN
16-038-A-SOUN_NW11_C1D.DGN
16-038-A-SOUN_NW11_C2D.DGN
CEDARKEY-NAD83(90)-INTERIM-CHAN-NELO.DGN
16-038-C-BR-BRDR.DGN
Reference files
16-038-VH-010.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

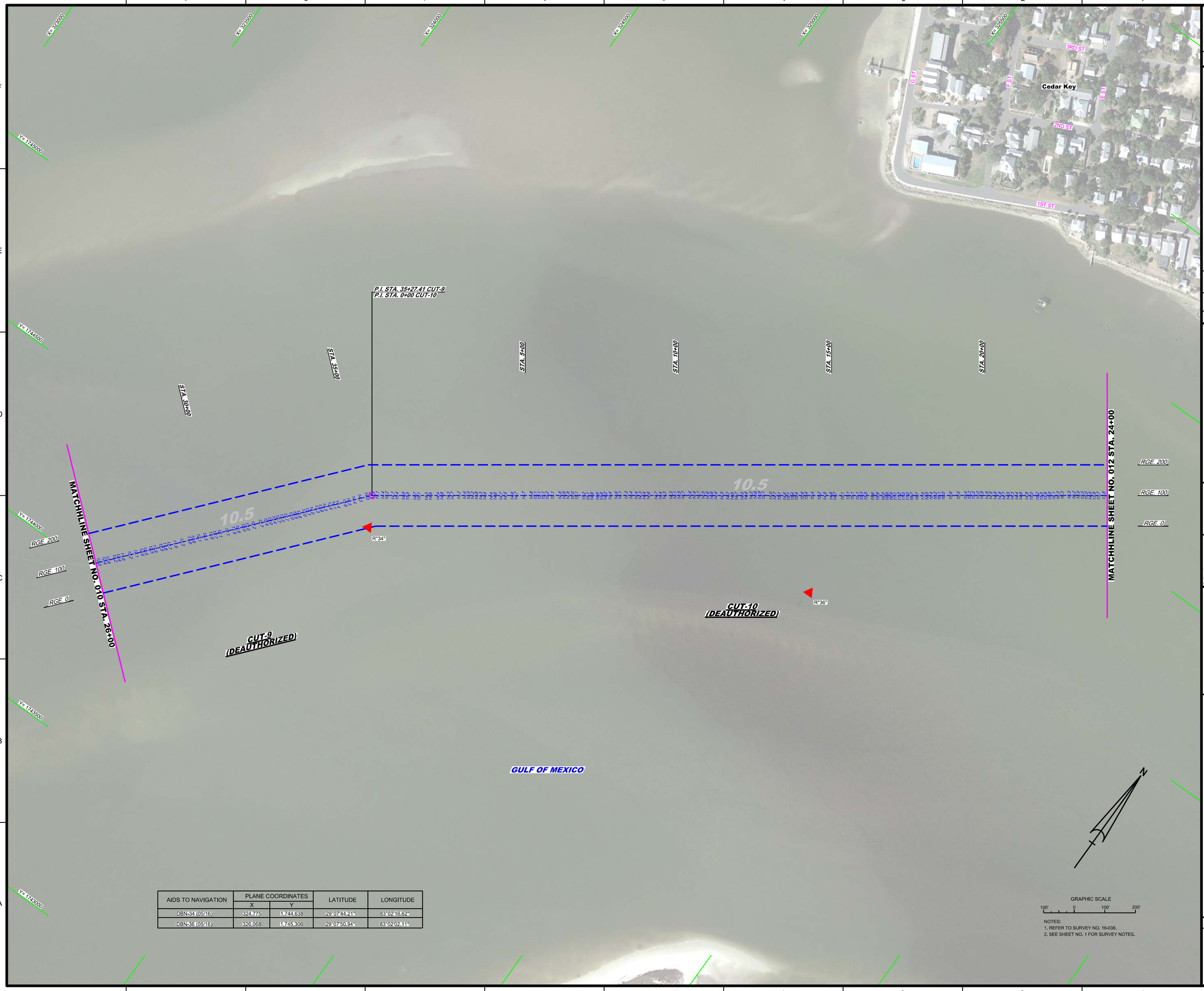
PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT
FOR CUT-8 MAIN CH., CUT-8A MAIN CH.
STA. 20+00 CUT-7 MAIN CH., STA. 26+00 CUT-8 MAIN CH.

PLAN

Scale: AS SHOWN

Drawing no.
10

SHEET 10 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-34 (05/16)	324,775	1,744,638	29°07'44.21"	83°02'16.62"
DBN-36 (05/16)	326,068	1,745,306	29°07'50.94"	83°02'02.11"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
DWN by: VIRM
Chkd by: CMR
Rev. No.
Date: MAY 2016

Reference files:
X:\XXXXXXXX-X-XXXXXX.DGN
X:\XXXXXXXX-X-XXXXXX.DGN
X:\XXXXXXXX-X-XXXXXX.DGN
16-038-X-NAV.DGN
16-038-X-SOUND.DGN
16-038-M-SOUN_C10.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL.DGN
16-038-C-SS-BKDR.DGN
16-038-VH011.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT
STA. 26+00 CUT-9 THRU STA. 24+00 CUT-10

PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 20

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: MRM
DWN by: MRM
Ckd by: GMR
Proj. No.
Dates: MAY 2016

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
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XXXXXXXXXXXXXXXXXX.DGN
16-038-A-SDUN_C10.DGN
CEDARKEY-NAD83(90)-INTERIM-CHANNEL.DGN
16-038-C-BR-BRDR.DGN
Reference files:
16-038-A-H-012.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

STA. 24+00 THRU STA. 38+17.77 CUT-10

PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 20

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (05/16)	312,500	1,722,137	29°04'00.39"	83°04'32.69"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
DWN by: VIRM
CHK by: CMR
Rev. No.
Date: MAY 2016

LEVXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
16-038-N-SOUN_C1.DGN
CEDARKEY-NAD83(99)-INTERBK-CHANNEL.DGN
16-038-C-ES-BRDR.DGN
Reference files:
16-038-VH-013.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

STA. 0+00 THRU STA. 15+00 CUT-1

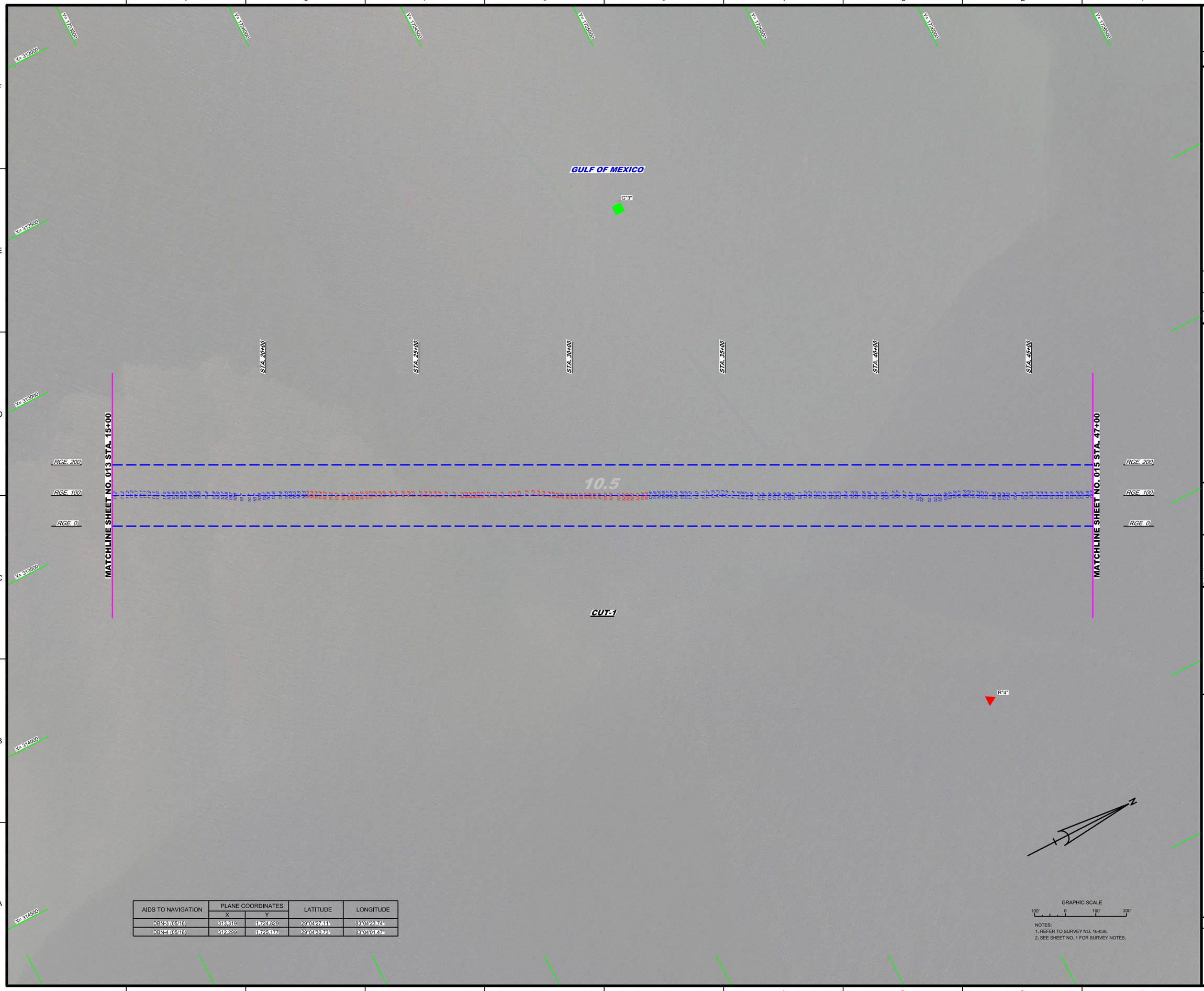
PLAN

Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-3 (05/16)	313,319	1,724,829	29°04'27.11"	83°04'28.74"
DBN-4 (05/16)	312,299	1,725,177	29°04'30.73"	83°04'01.47"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
DWN by: VIRM
Chkd by: CMR
Rev. No.
Date: MAY 2016

I:\XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
16-038-N-SOUN_C1.DGN
CEDARKEY-NAD83(99)-INTERBK-CHANNEL.DGN
16-038-C-SS-BKDR.DGN
Reference files:
16-038-VH-014.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

STA. 15+00 THRU STA. 47+00 CUT-1

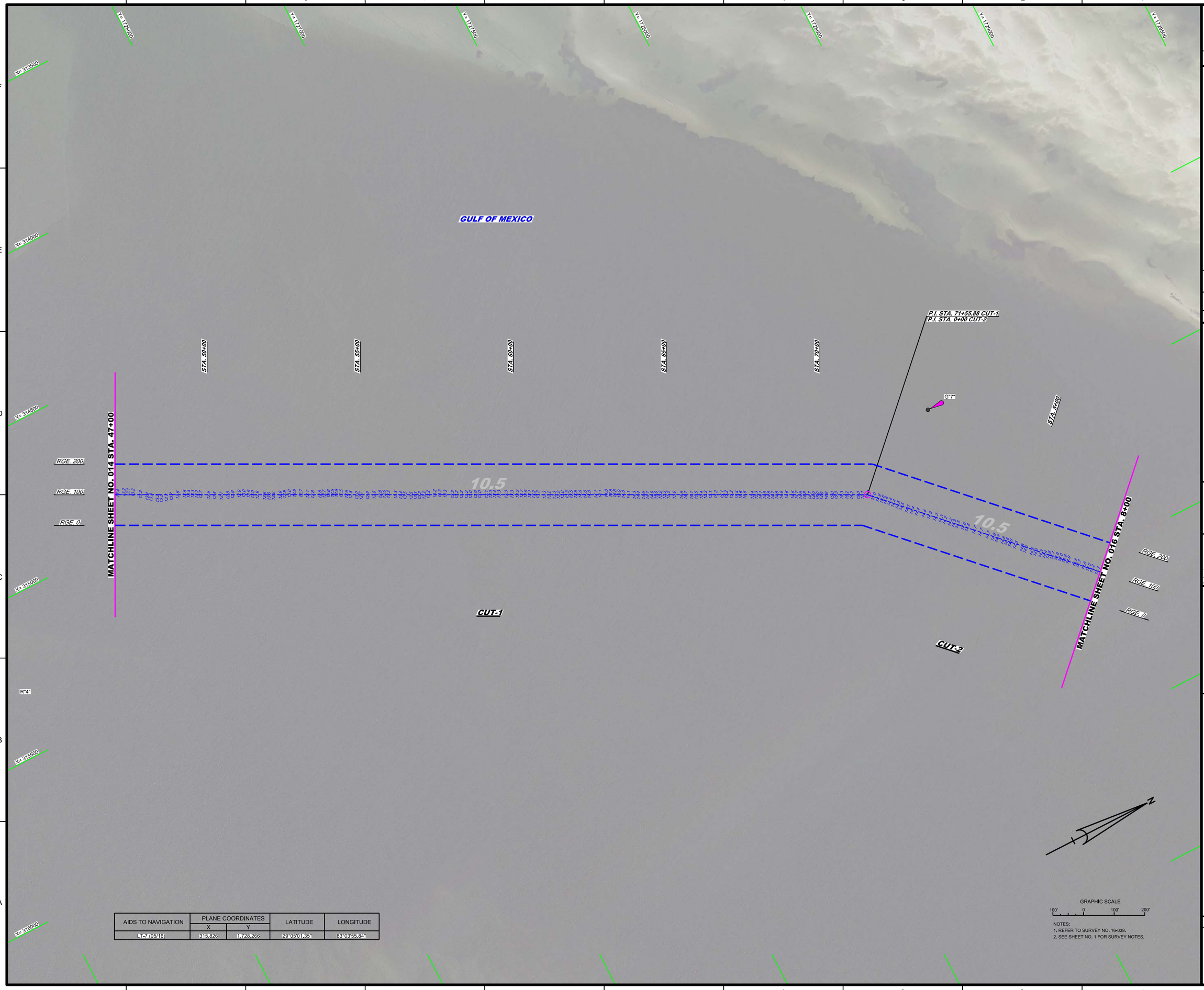
PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-7 (05/16)	315,826	1,728,266	29°05'01.35"	83°03'55.84"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
DWN by: VIRM
Chk'd by: CMR
Rev. No.
Date: MAY 2016

LEVY-XXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
16-038-N-NAV.DGN
16-038-N-SOUNDT.DGN
16-038-N-SOUN_C2.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL.DGN
16-038-C-BS-BRDR.DGN
Reference files:
16-038-VH-015.DGN
File name:

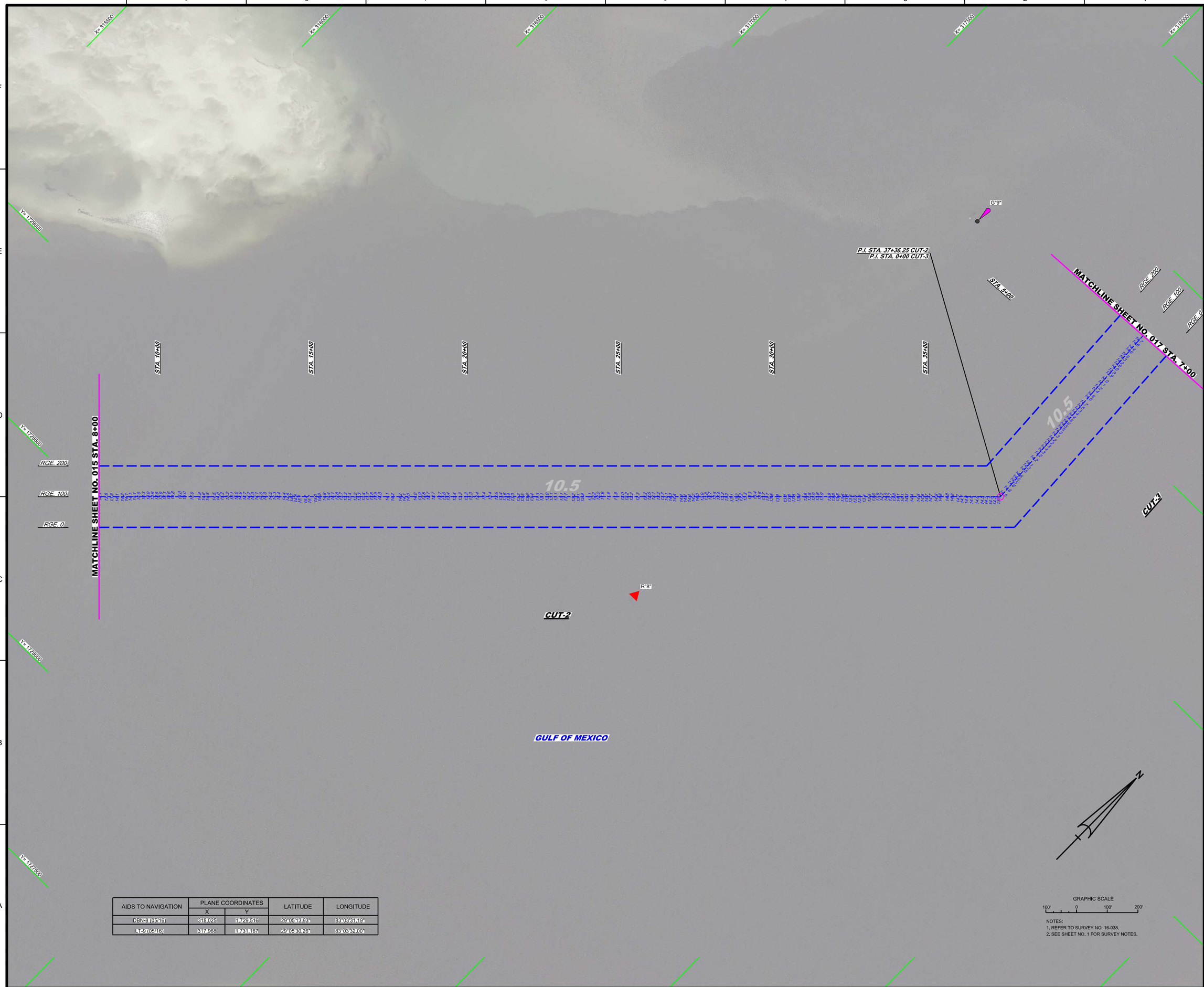
CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT
STA. 47+00 CUT-1 THRU STA. 8+00 CUT-2
PLAN

Scale: AS SHOWN

Drawing no.
15

SHEET 15 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-8 (05/16)	318,025	1,729,516	29°05'13.93"	83°03'31.19"
LT-9 (05/16)	317,968	1,731,167	29°05'30.26"	83°03'32.00"

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
DWN by: VIRM
Ckd by: GMS
Rev. No.
Date: MAY 2016

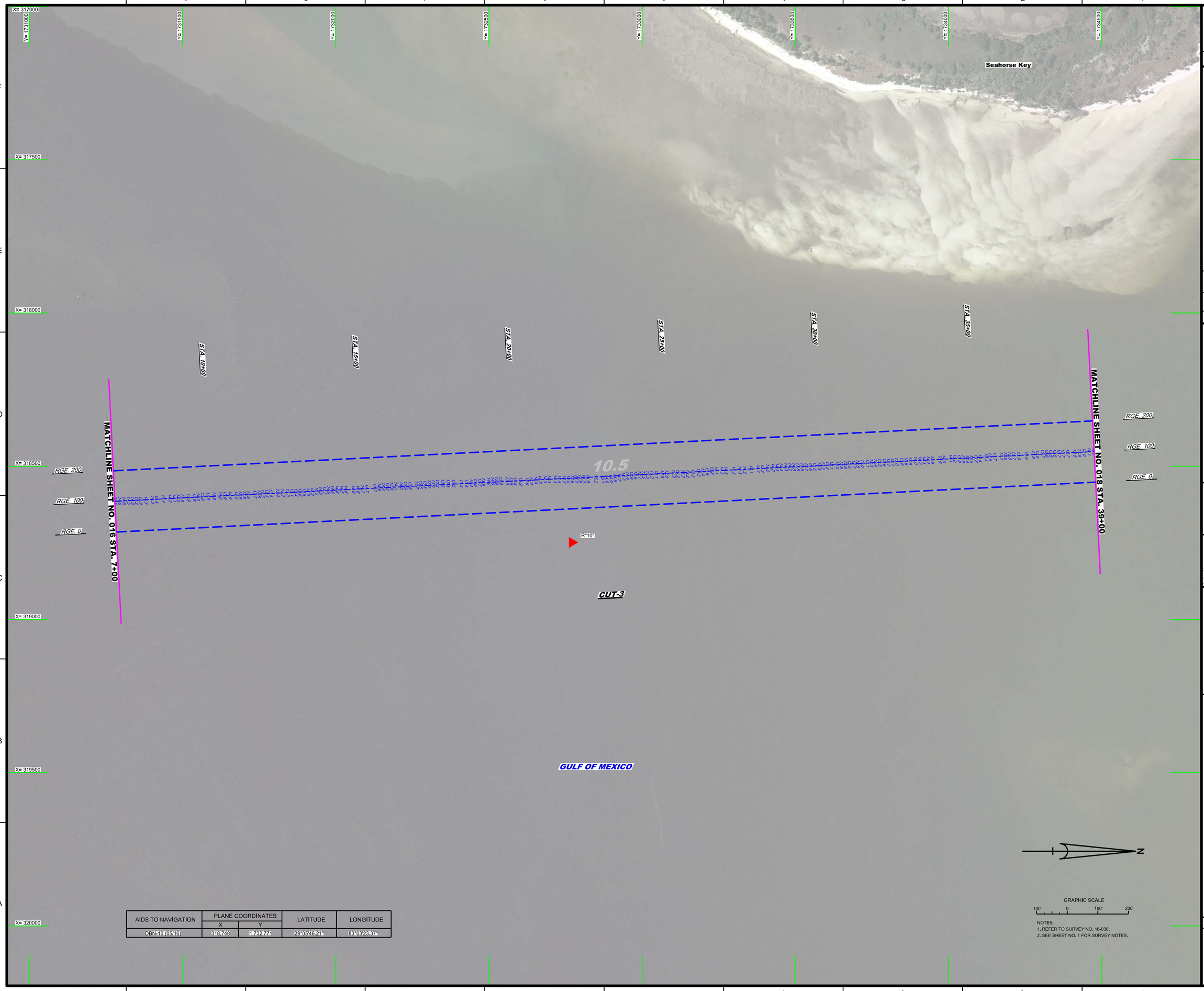
CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT
STA. 8+00 CUT-2 THRU STA. 7+00 CUT-3
PLAN

Scale: AS SHOWN

Drawing no.
16

SHEET 16 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-10 (05/16)	318,748	1,732,771	29°05'46.21"	83°03'23.37"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: VIRM
DWN by: VIRM
Chkd by: CMR
Rev. No.
Date: MAY 2016

Reference files:
I:\XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
16-038-NV-SOUN_CL.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL.DGN
16-038-C-BS-BRDR.DGN
File name: 16-038-NVH-017.DGN

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

STA. 7+00 THRU STA. 39+00 CUT-3

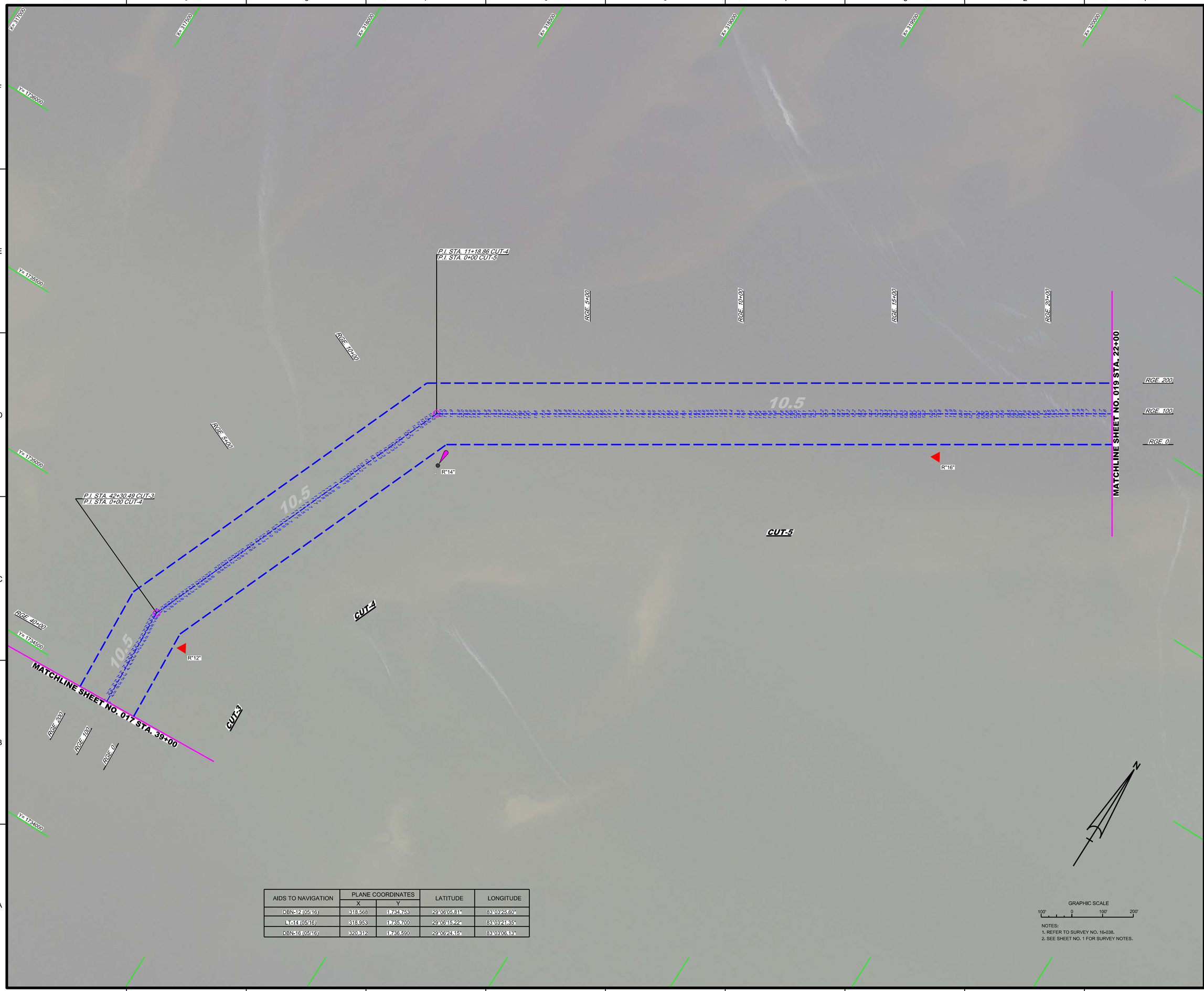
PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-12 (05/16)	318,568	1,734,753	29°06'05.81"	83°03'25.60"
LT-14 (05/16)	318,953	1,735,700	29°06'15.22"	83°03'21.35"
DBN-16 (05/16)	320,312	1,736,590	29°06'24.15"	83°03'06.13"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 16-038.
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

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

Designed by: MRM
DWN by: MRM
Ckd by: GMR
Proj. No.
Date: MAY 2016

X:\XXXXXXXX-XXXXXX\DGN
XXXXXXXXX-XXXXXXXX.DGN
16-038-XAMV.DGN
16-038-A-SOUL_CL.DGN
16-038-A-SOUL_C-DGN
16-038-A-SOUL_CL.DGN
CEDARKEY_NAD83(90)HNTERIM-CHANNEL.DGN
16-038-C-BR-BRDR.DGN
Reference files:
16-038-XH-016.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT

STA. 39+00 CUT-3 THRU STA. 22+00 CUT-5

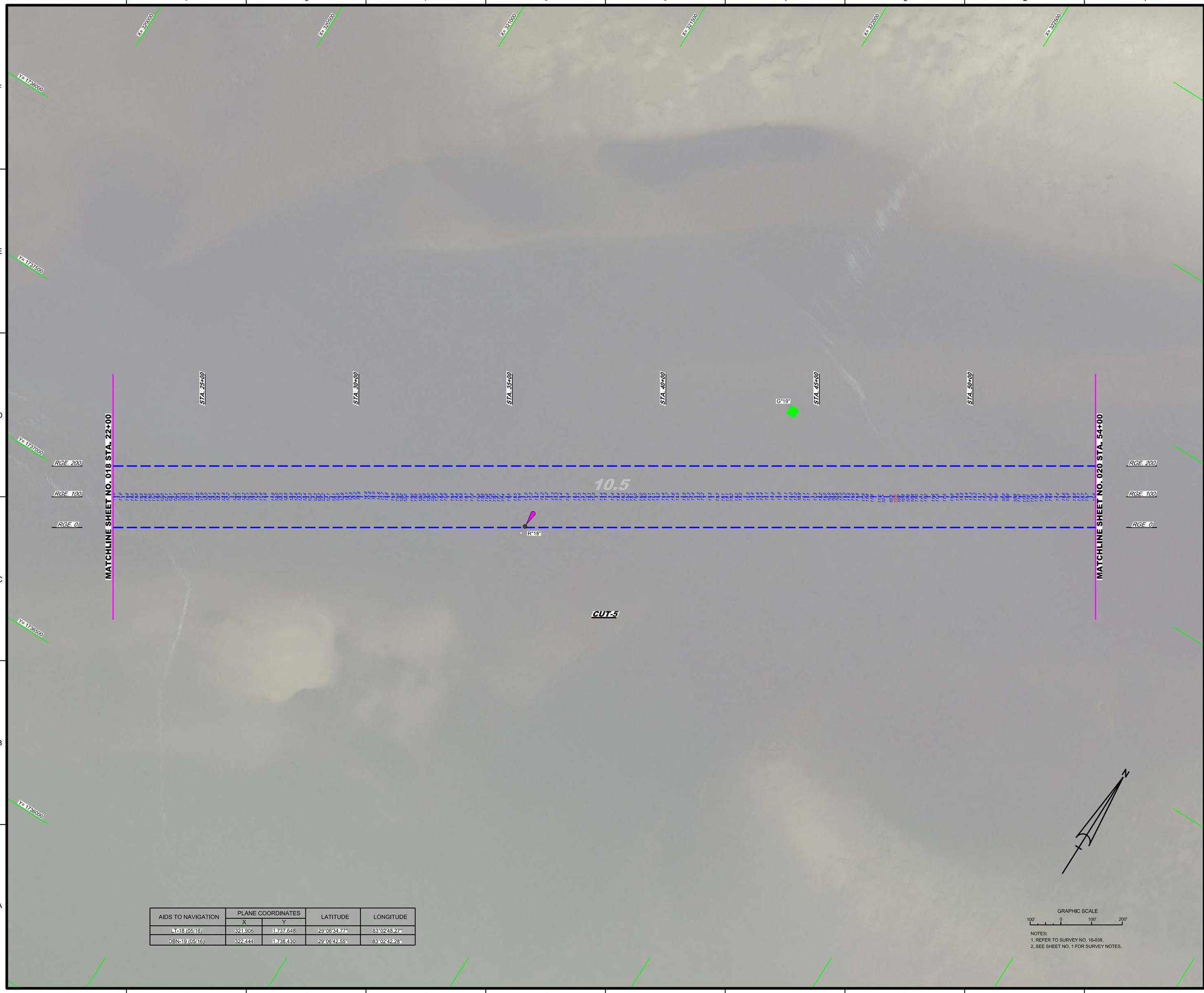
PLAN

Scale: AS SHOWN

Drawing no.

18

SHEET 18 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-18 (05/16)	321,906	1,737,648	29°06'34.77"	83°02'48.27"
DBN-19 (05/16)	322,444	1,738,430	29°06'42.55"	83°02'42.28"

NOTES:
1. REFER TO SURVEY NO. 16-038.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

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DEPARTMENT OF THE ARMY
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JACKSONVILLE, FLORIDA

Designed by: VIRM
DWN by: VIRM
Ckd by: GMR
Rev. No.
Date: MAY 2016

LEVXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
16-038-NAVSOUN_CS.DGN
CEDARKEY_NAD83(99)-INTERIM-CHANNEL.DGN
16-038-CS-SHDR.DGN
Reference files:
16-038-VH-019.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

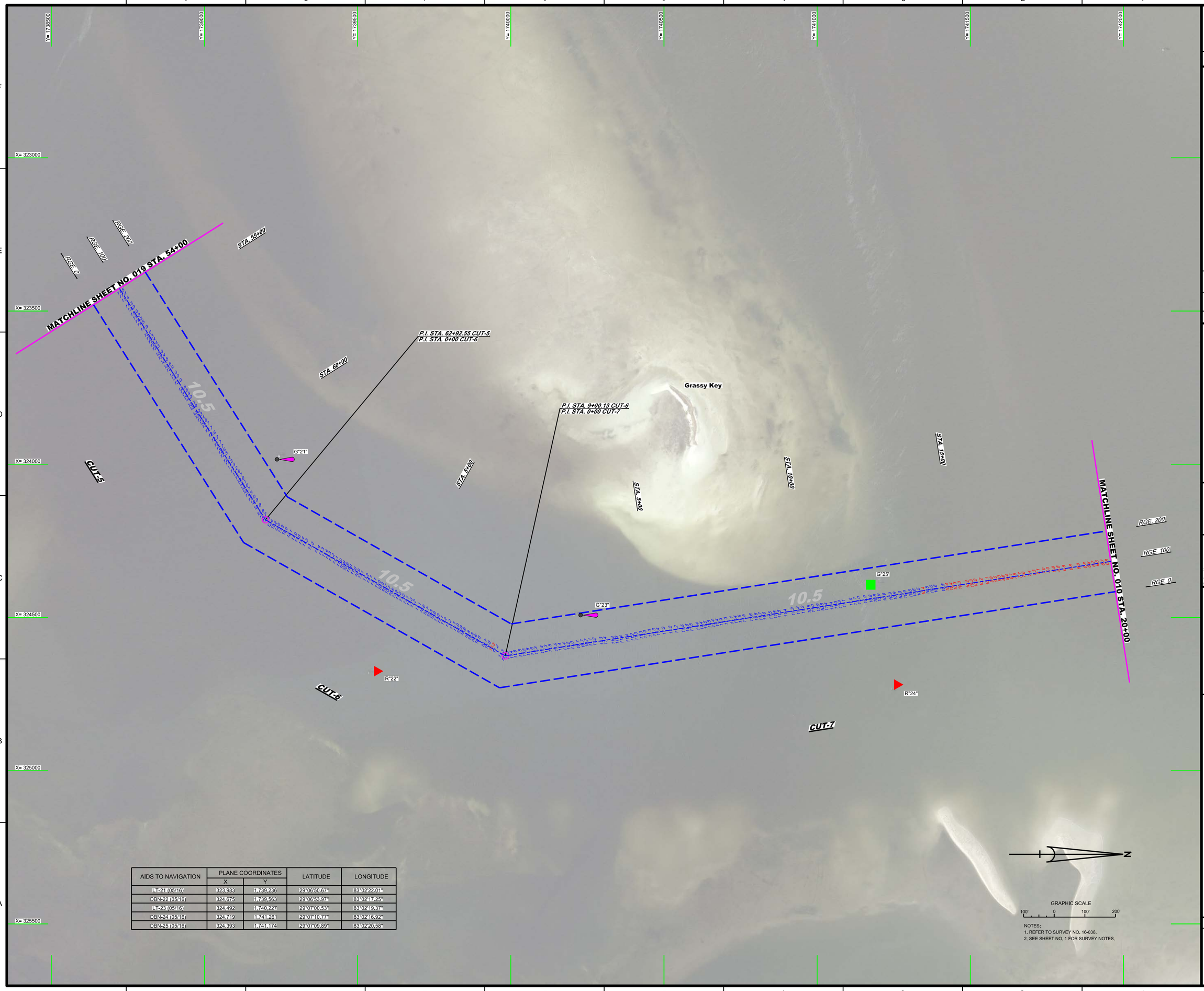
PROJECT CONDITION SURVEY FY16
8 AND 10.5-FOOT PROJECT
STA. 22+00 THRU STA. 54+00 CUT-5

PLAN

Scale: AS SHOWN

Drawing no.
19

SHEET 19 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-21 (05/16)	323,983	1,739,236	29°06'50.67"	83°02'22.01"
DBN-22 (05/16)	324,675	1,739,563	29°06'53.97"	83°02'17.25"
LT-23 (05/16)	324,492	1,740,227	29°07'00.53"	83°02'19.37"
DBN-24 (05/16)	324,719	1,741,261	29°07'10.77"	83°02'16.92"
DBN-25 (05/16)	324,393	1,741,174	29°07'09.89"	83°02'20.58"

NOTES:
1. REFER TO SURVEY NO. 16-038.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

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