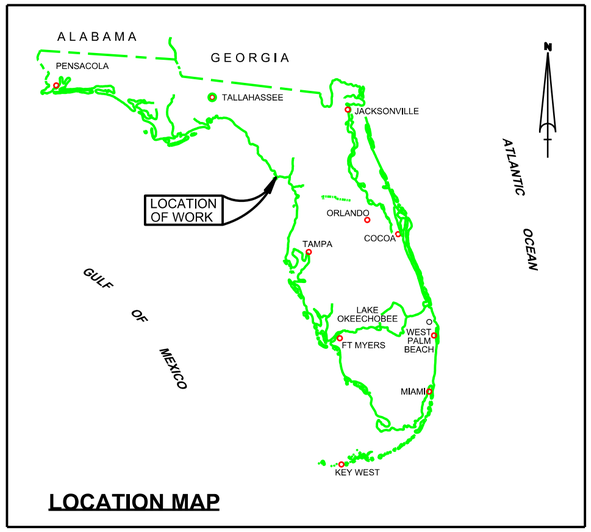


LOCATION MAP

CEDAR KEYS HARBOR
LEVY COUNTY, FLORIDA
POST-HURRICANE MICHAEL
PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 19-014.
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 GAUGE SITES SPECIFIED BELOW:

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

   VERTICAL MEASUREMENTS WERE MADE USING AN EDGETECH 6205 MULTI-BEAM / SIDESCAN TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-48	23 OCT 2018	MAIN CHANNEL
SB-48	24 OCT 2018	USCG EXTENDED COVERAGE NORTHWEST CHANNEL

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.
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 2013.

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: WRM
DWN by: WRM
Ckd by: GMR
Proj. No.
Date: OCT 2018

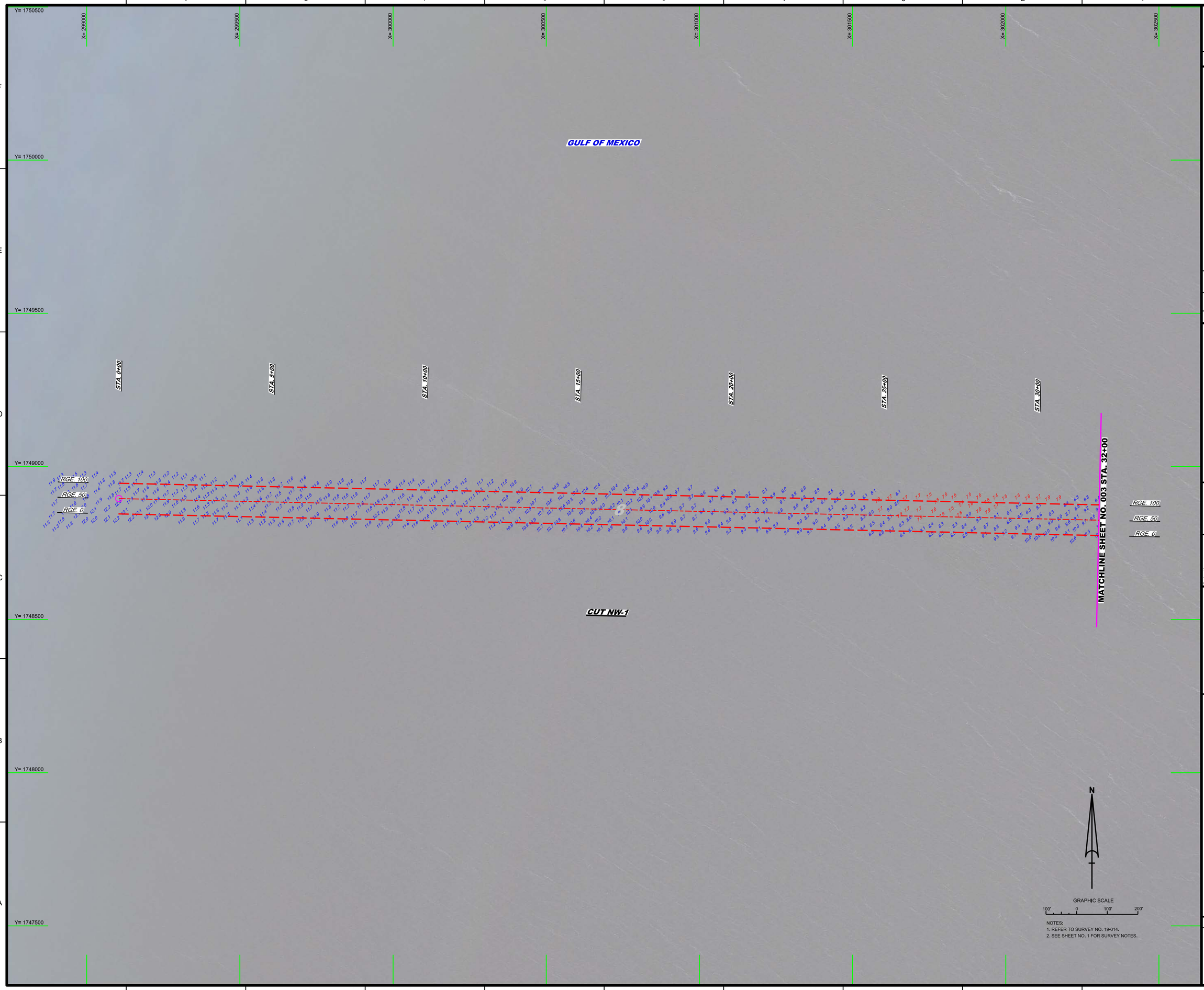
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
19-014-A-INDEX.DGN
CEDARKEY-NAD83(93)-INTERIM-CHANNEL_3D.DGN
19-014-C-BS-SRDR.DGN
Reference files
19-014-VR-001.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA
POST-HURRICANE MICHAEL
PROJECT CONDITION SURVEY FY19
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. 19-014.
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

Chkd by: GMR
Designed by: WRM
DWN by: WRM
Proj. No.
Dates: OCT 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
19-014-A-SQUN_NW1.DGN
CEDARKEY-NAD83(90)-INTERIM-CHANNEL_3D.DGN
19-014-C-SR-GRDR.DGN
Reference files:
19-014-H-R02.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19 8 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

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-3 (10/18)	303,989	1,749,229	29°08'27.77"	83°06'11.45"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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: OCT 2018

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
19-014-U-NAV.DGN
19-014-U-SOUNDING.DGN
19-014-U-SOUN_NW1.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL_3D.DGN
19-014-C-ES-BRDR.DGN
Reference files:

19-014-VH-003.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 32+00 CUT NW-1 THRU STA. 15+00 CUT NW-2

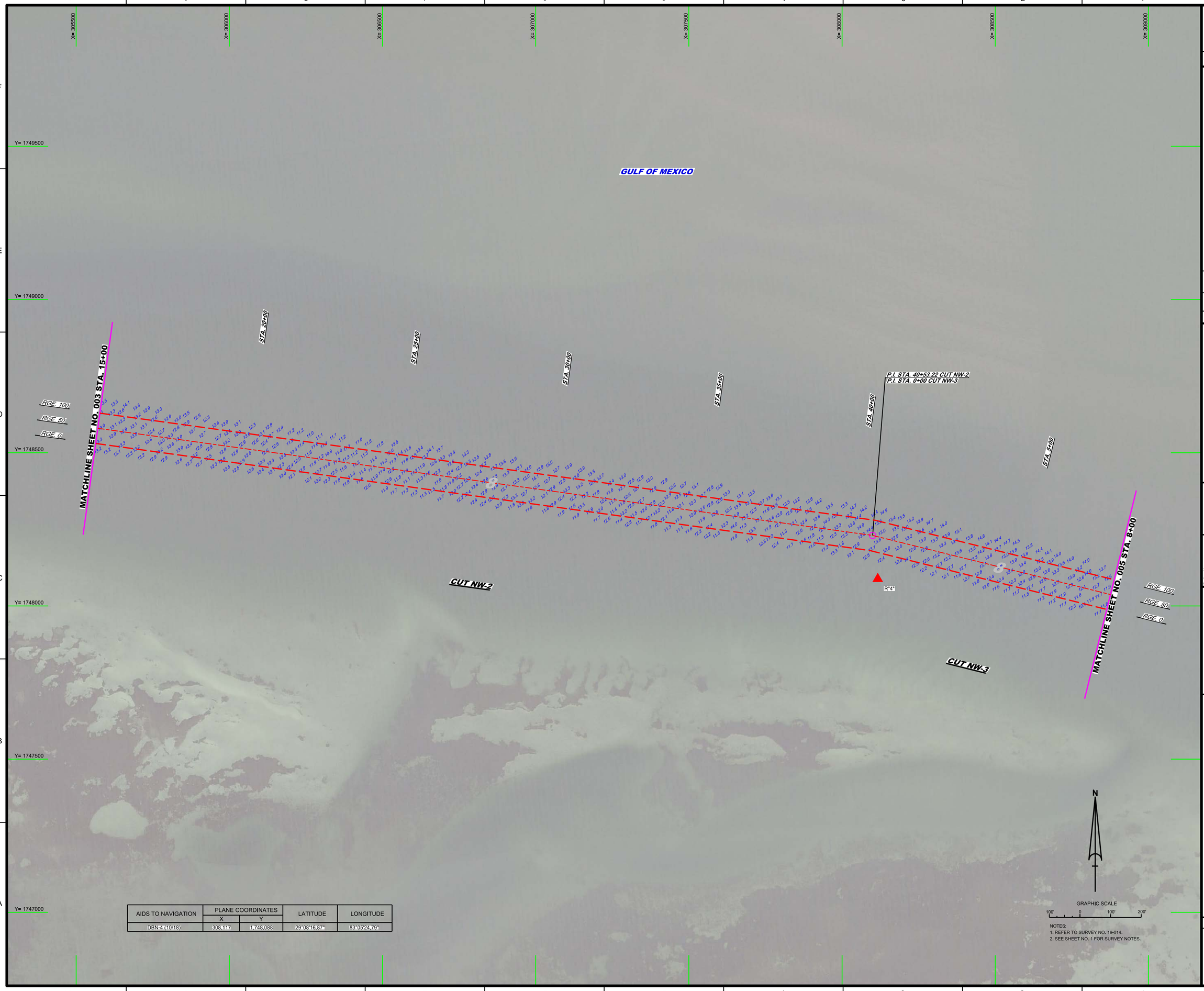
PLAN

Scale: AS SHOWN

Drawing no.

3

SHEET 03 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-4 (10/18)	308,117	1,748,088	29°08'16.87"	83°05'24.79"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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: OCT 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
19-014-A-NAV.DGN
19-014-A-POST_MHT.DGN
19-014-A-SOUN_NW3.DGN
CEDARKEY-NAD83(90)-INTERIMCHANNEL_3D.DGN
Reference files:
19-014-A-HH-004.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL
PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 15+00 CUT NW-2 THRU STA. 8+00 CUT NW-3

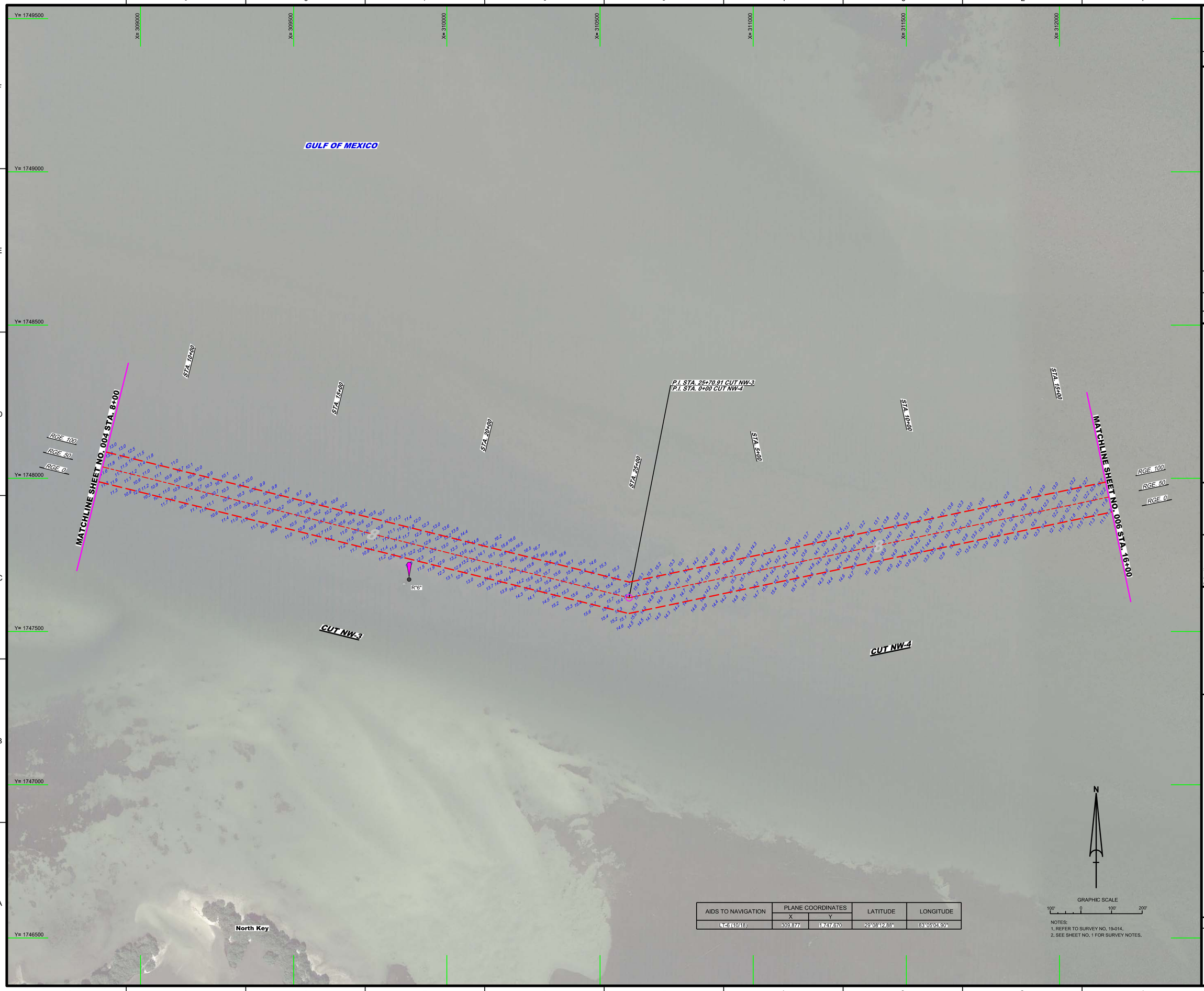
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-6 (10/18)	309,877	1,747,670	29°08'12.88"	83°05'04.90"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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
Chkd by: GMR
Rev. No.
Date: OCT 2018

X:\XXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
19-014-V-NAV.DGN
19-014-V-SOUNDING.DGN
19-014-V-SOUN_NW3.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL_3D.DGN
19-014-C-ESB-BRDR.DGN
Reference files:
19-014-V-H005.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 8+00 CUT NW-3 THRU STA. 16+00 CUT NW-4

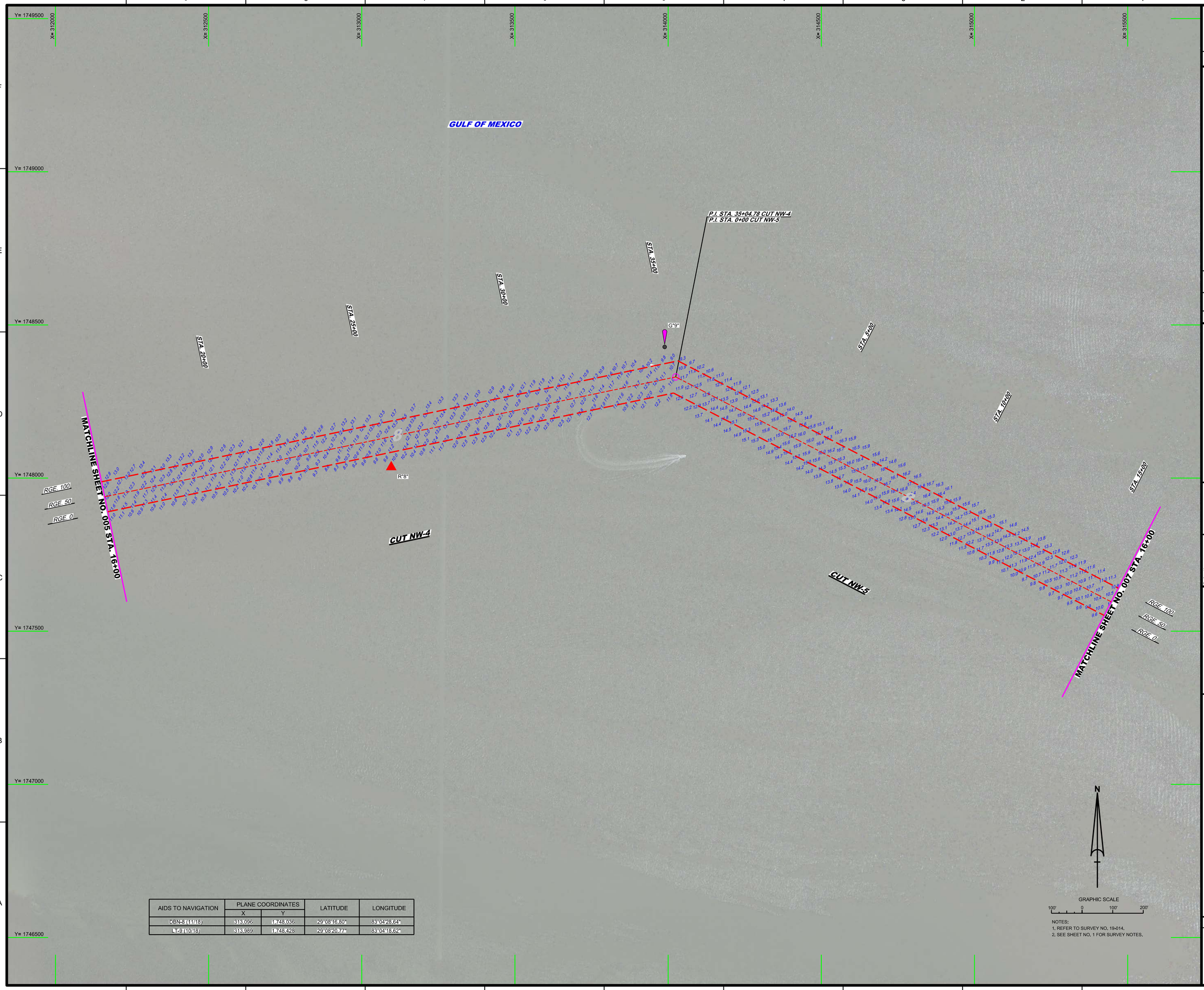
PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-8 (11/18)	313,096	1,748,036	29°08'16.80"	83°04'28.64"
LT-9 (10/18)	313,989	1,748,428	29°08'20.77"	83°04'18.62"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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: OCT 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
19-014-VANAV.DGN
19-014-SOUTH_WALL.DGN
19-014-SOUN_INVE.DGN
CEDARKEY-NAD83(90)INTERIM-CHANNEL_3D.DGN
Reference files:
19-014-CAES-BRDR.DGN
19-014-VH-005.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 16+00 CUT NW-4 THRU STA. 16+00 CUT NW-5

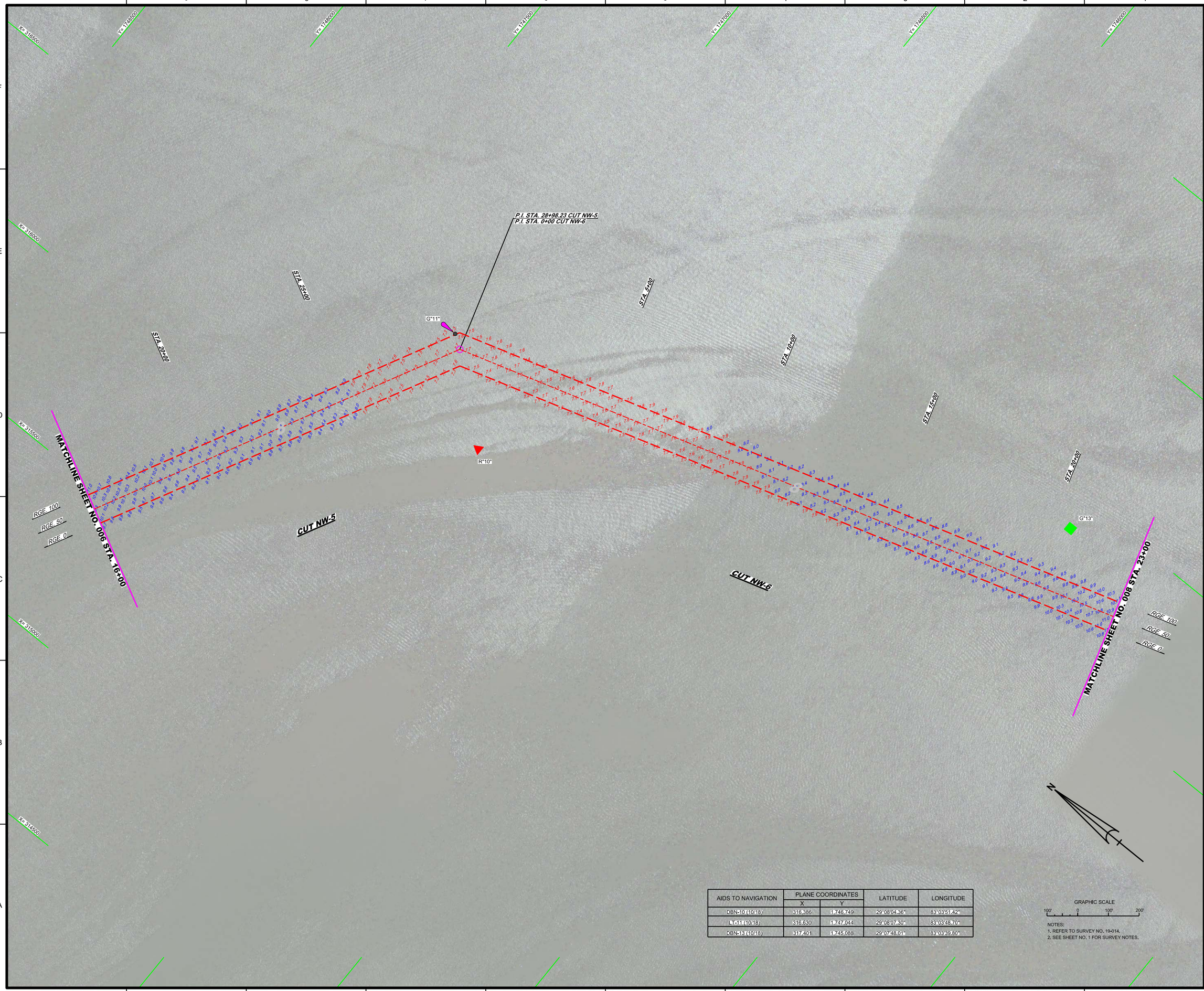
PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-10 (10/18)	316,386	1,746,749	29°08'04.36"	83°03'51.42"
LT-11 (10/18)	316,630	1,747,044	29°08'07.30"	83°03'48.70"
DBN-13 (10/18)	317,401	1,745,088	29°07'48.01"	83°03'39.80"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-014.
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: OCT 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
19-014-NAV.DGN
19-014-SOUTH_NWS.DGN
19-014-SOUN_NWS.DGN
CEDARKEY-NAD83(90)-INTERIM-CHANNEL_3D.DGN
19-014-CS-BRGR.DGN
Reference files
19-014-HH07.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL
PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT

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

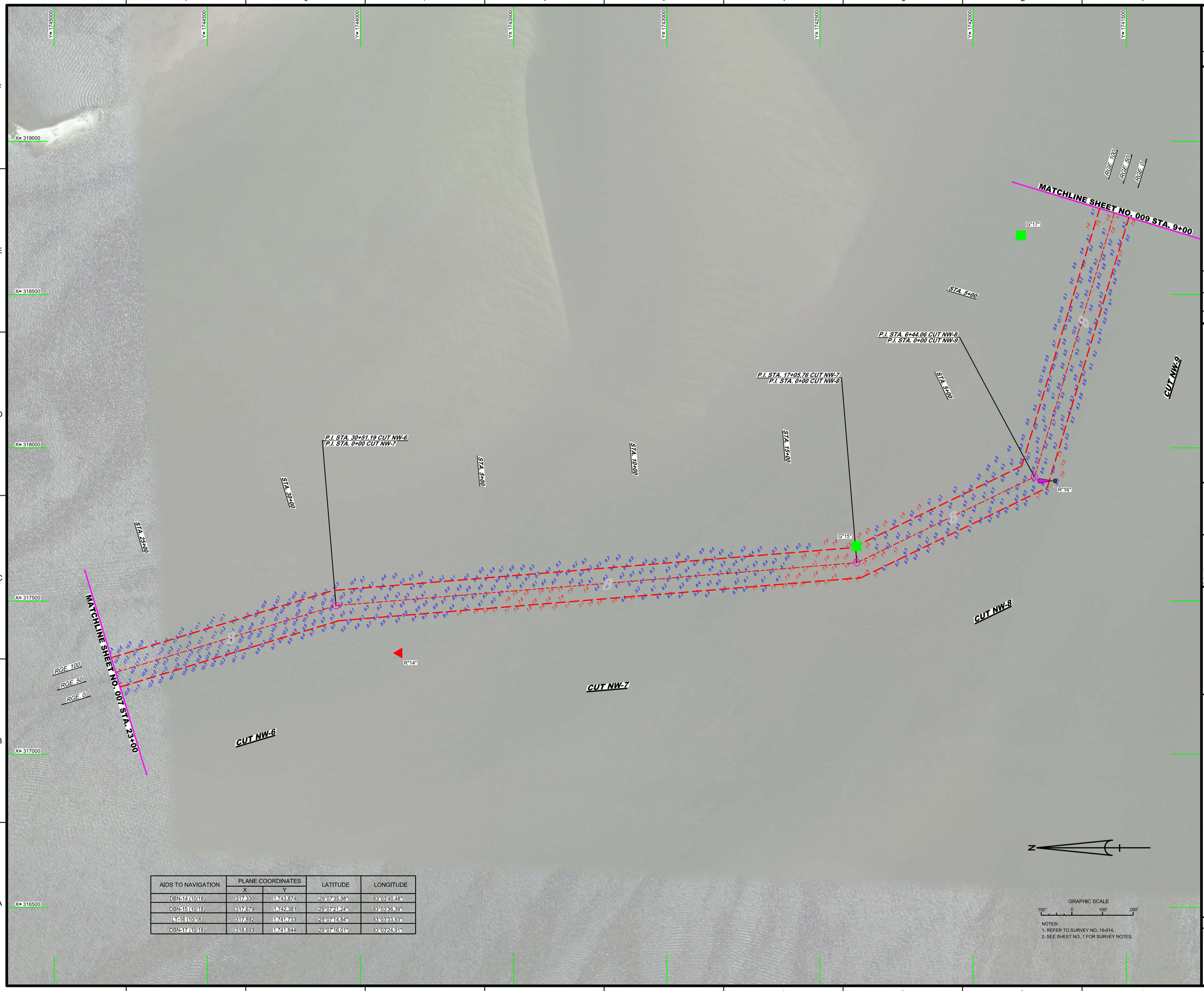
PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-14 (10/18)	317,330	1,743,874	29°07'35.98"	83°03'40.48"
DBN-15 (10/18)	317,679	1,742,381	29°07'21.24"	83°03'36.39"
LT-16 (10/18)	317,892	1,741,733	29°07'14.84"	83°03'33.93"
DBN-17 (10/18)	318,693	1,741,844	29°07'16.01"	83°03'24.91"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-014.
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: OCT 2018

19-014-A-MAV.DGN
19-014-A-SOUN_NW6.DGN
19-014-A-SOUN_NW7.DGN
19-014-A-SOUN_NW8.DGN
19-014-A-SOUN_NW9.DGN
CEDARKEY-NAD83(90)-INTERIMCHANNEL_3D.DGN
Reference files:
19-014-HH08.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19 8 AND 10.5-FOOT PROJECT

STA. 23+00 CUT NW-6 THRU STA. 9+00 CUT NW-9

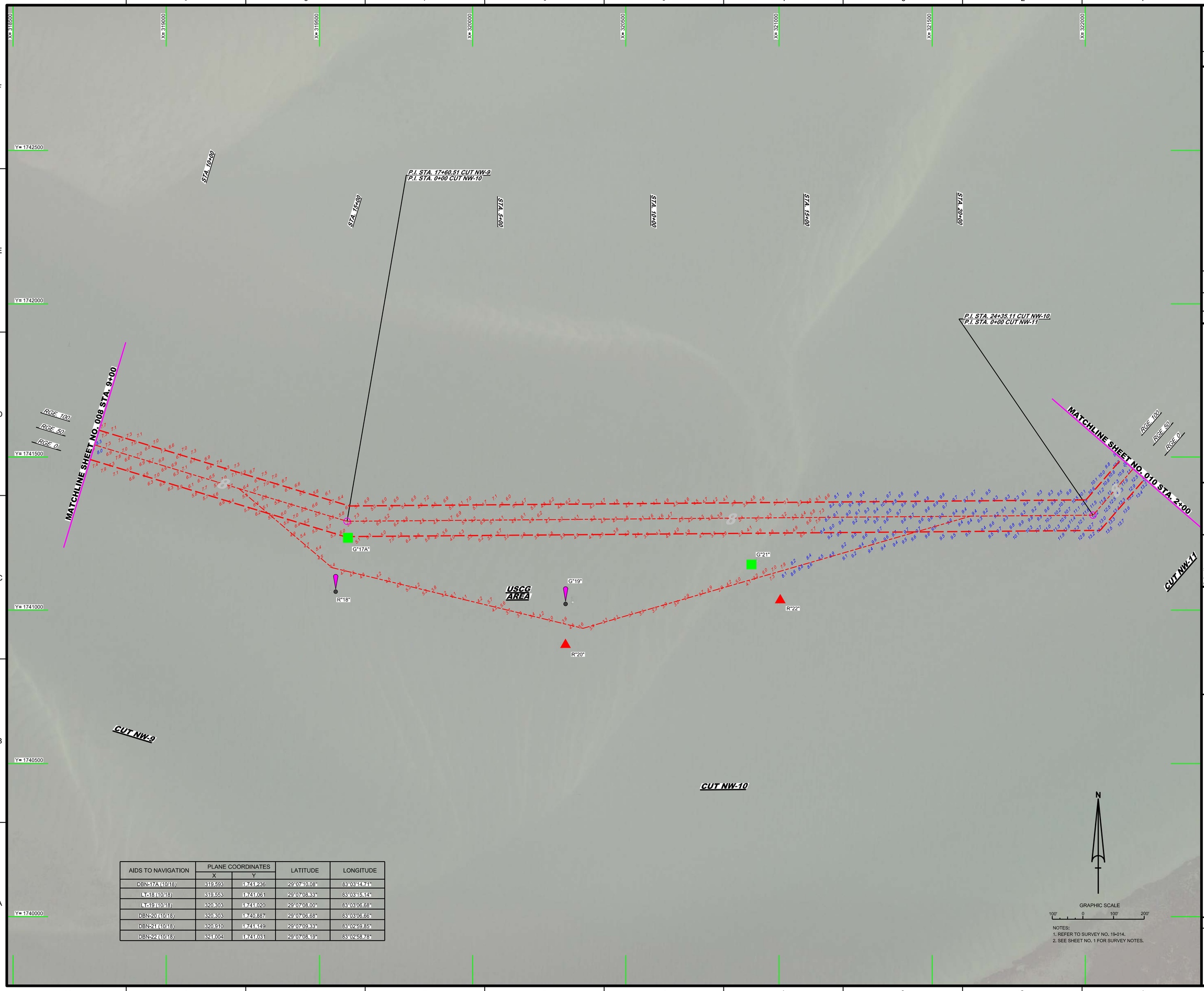
PLAN

Scale: AS SHOWN

Drawing no.

8

SHEET 08 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-17A (10/18)	319,593	1,741,236	29°07'10.08"	83°03'14.71"
LT-18 (10/18)	319,553	1,741,061	29°07'08.33"	83°03'15.14"
LT-19 (10/18)	320,303	1,741,020	29°07'08.00"	83°03'06.68"
DBN-20 (10/18)	320,303	1,740,887	29°07'06.68"	83°03'06.66"
DBN-21 (10/18)	320,910	1,741,149	29°07'09.33"	83°02'59.85"
DBN-22 (10/18)	321,004	1,741,031	29°07'08.19"	83°02'58.78"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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

Chief by: GMR
Designed by: MRM
DWN by: MRM
Fmx No.
Date: OCT 2018

19-014-A-NAV.DGN
19-014-A-SOUN_NW9
19-014-A-SOUN_NW10.DGN
19-014-A-SOUN_NW11.DGN
CEDARKEY-NAD83(90)-INTERIM-CHANNEL_3D.DGN
19-014-C-BS-BRGR.DGN
Reference files:
19-014-H-H09.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19 8 AND 10.5-FOOT PROJECT

STA. 9+00 CUT NW-9 THRU STA. 2+00 CUT NW-11

PLAN

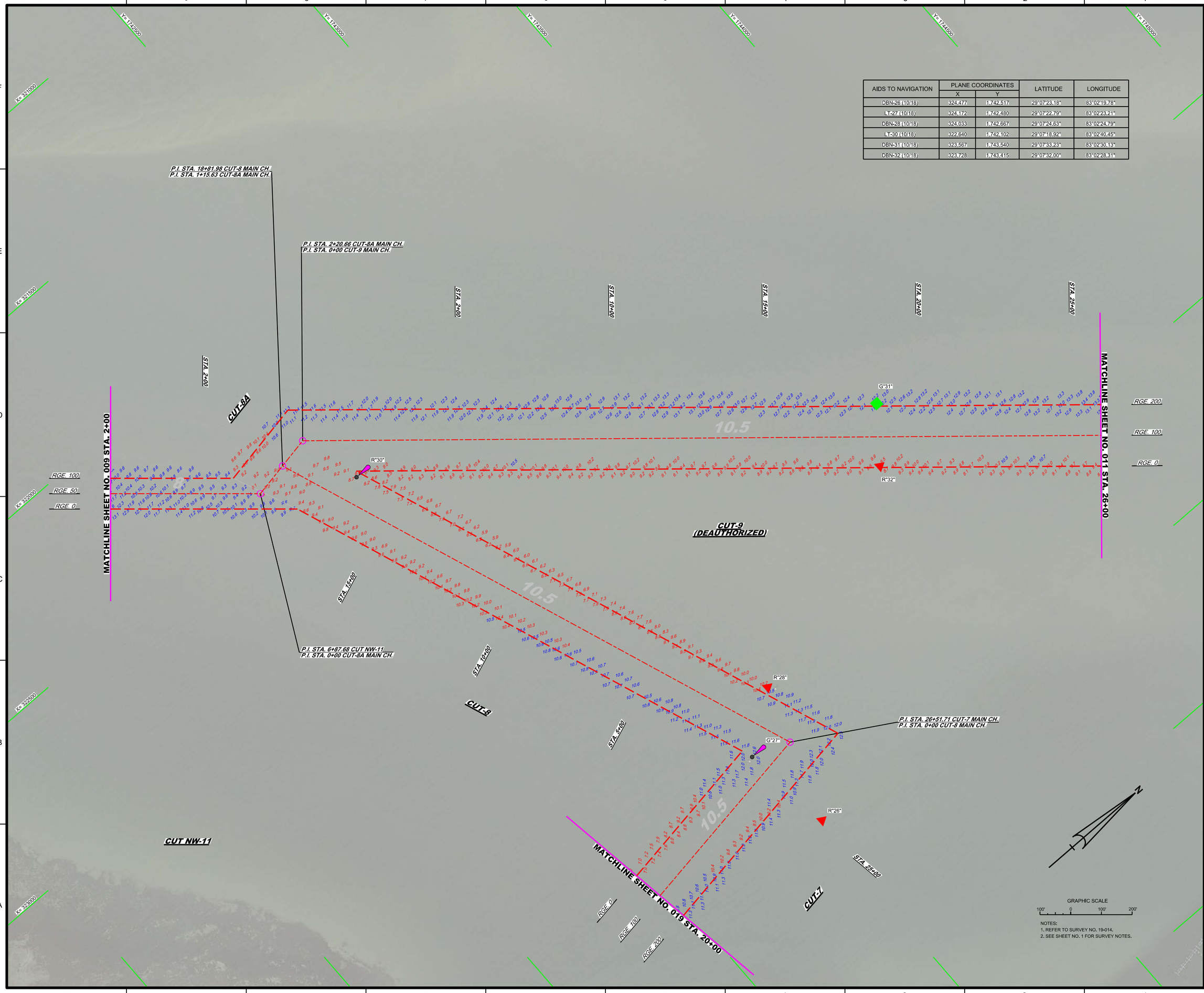
Scale: AS SHOWN

Drawing no.

9

SHEET 09 OF 20

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-26 (10/18)	324,477	1,742,517	29°07'23.18"	83°02'19.78"
LT-27 (10/18)	324,172	1,742,480	29°07'22.79"	83°02'23.21"
DBN-28 (10/18)	324,033	1,742,667	29°07'24.63"	83°02'24.79"
LT-30 (10/18)	322,640	1,742,102	29°07'18.92"	83°02'40.45"
DBN-31 (10/18)	323,567	1,743,540	29°07'33.23"	83°02'30.13"
DBN-32 (10/18)	323,728	1,743,415	29°07'32.00"	83°02'28.31"



NOTES:
1. REFER TO SURVEY NO. 19-014.
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: CMR
Rev. No.
Date: OCT 2018

19-014-LV-AVIG.DGN
19-014-LV-SOUN_CP.DGN
19-014-LV-SOUN_CR.DGN
19-014-LV-SOUN_CR8.DGN
19-014-LV-SOUN_CR9.DGN
19-014-LV-SOUN_NW11.DGN
CEDARKEY-NAD83(99)-INTERBK-CHANNEL_3D.DGN
19-014-LV-SEG-BRDR.DGN
Reference files:
19-014-LV-H010.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 20+00 CUT-7, MAIN CH. THRU STA. 26+00 CUT-8, MAIN CH.

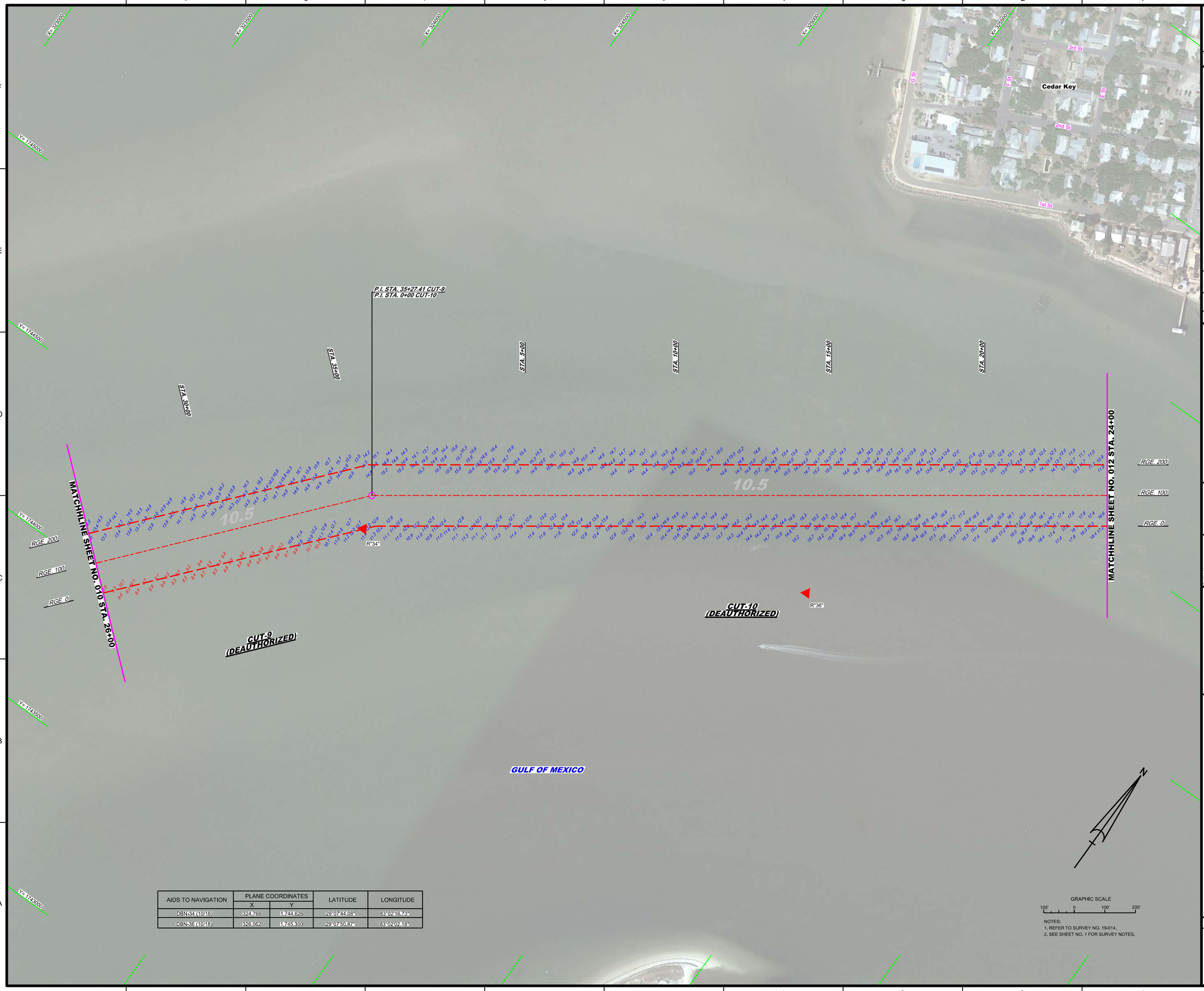
PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-34 (10/18)	324,766	1,744,626	29°07'44.08"	83°02'16.73"
DBN-36 (10/18)	326,062	1,745,300	29°07'50.87"	83°02'02.18"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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: OCT 2018

X:\XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
19-014-V-NAV.DGN
19-014-V-SOUND.DGN
19-014-V-SOUN_CT10.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL_3D.DGN
19-014-C-ES-BRDR.DGN
Reference files:
19-014-V-H011.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
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. 19-014.
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: OCT 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
19-014-A-SDLN_C10.DGN
CEDARKEY-NAD83(90)-INTERIMCHANNEL_34.DGN
19-014-C-BS-BRDR.DGN
Reference files:
19-014-H-H012.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 24+00 THRU STA. 38+17.77 CUT-10

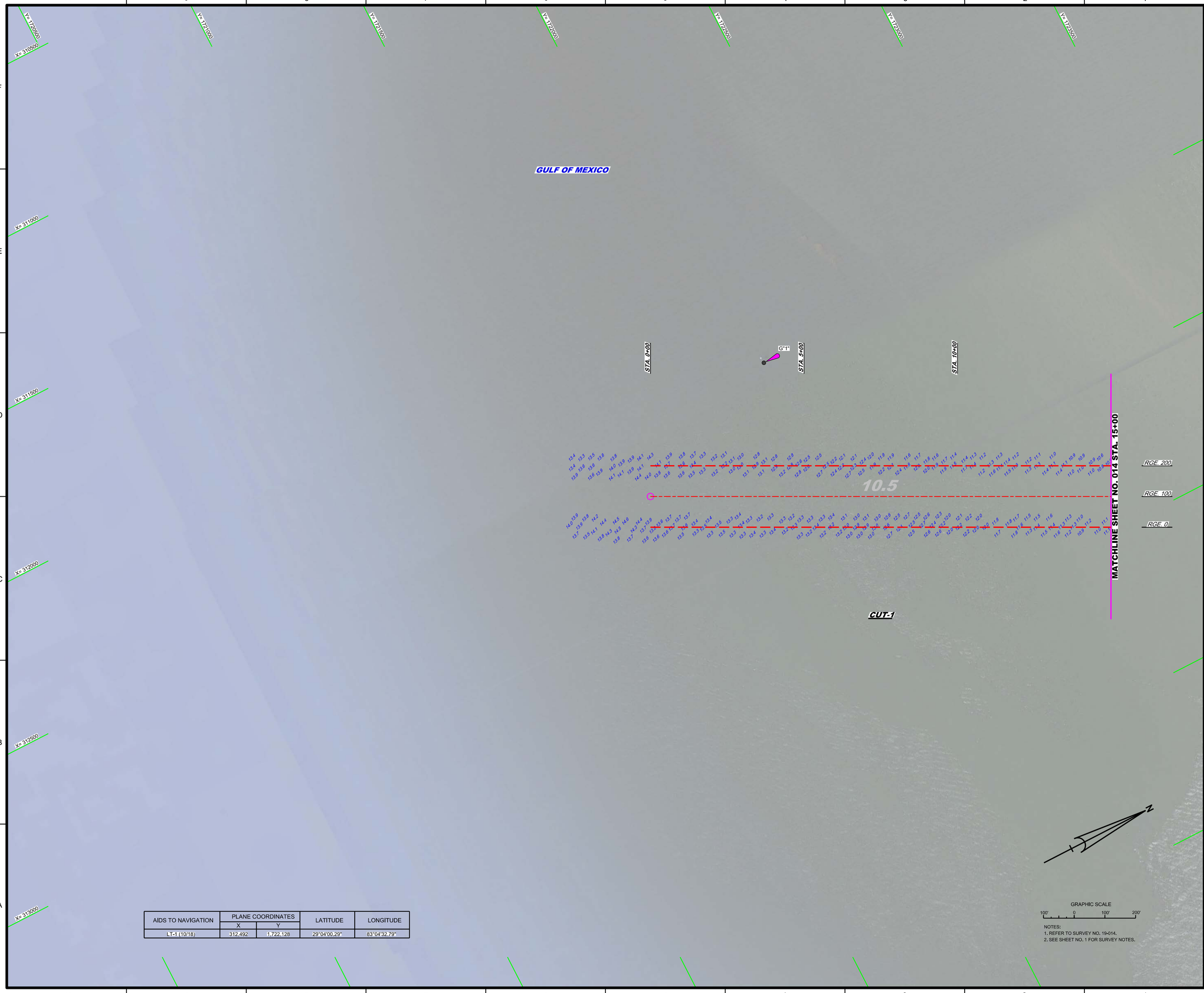
PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-1 (10/18)	312,492	1,722,128	29°04'00.29"	83°04'32.79"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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: CMR
Rev. No.
Date: OCT 2018

CYXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
CEDAR-KEY-XXXXXXX.DGN
19-014-SQUID_C1.DGN
CEDARKEY-NAD83(99)-INTERBK-CHANNEL_3D.DGN
19-014-C-ESS-BRDR.DGN
Reference files:
19-014-VH-013.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
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 (10/18)	313,312	1,724,830	29°04'27.11"	83°04'23.83"
DBN-4 (10/18)	312,304	1,725,174	29°04'30.70"	83°04'01.41"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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
Chd by: CMR
Rev. No.
Date: OCT 2018

CEDARKEY-NAD83(99)-INTERBK-CHANNEL_3D.DGN
19-014-SEQ-SURVEY.DGN
19-014-CES-BRDR.DGN
Reference files:

19-014-VH-014.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19 8 AND 10.5-FOOT PROJECT

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

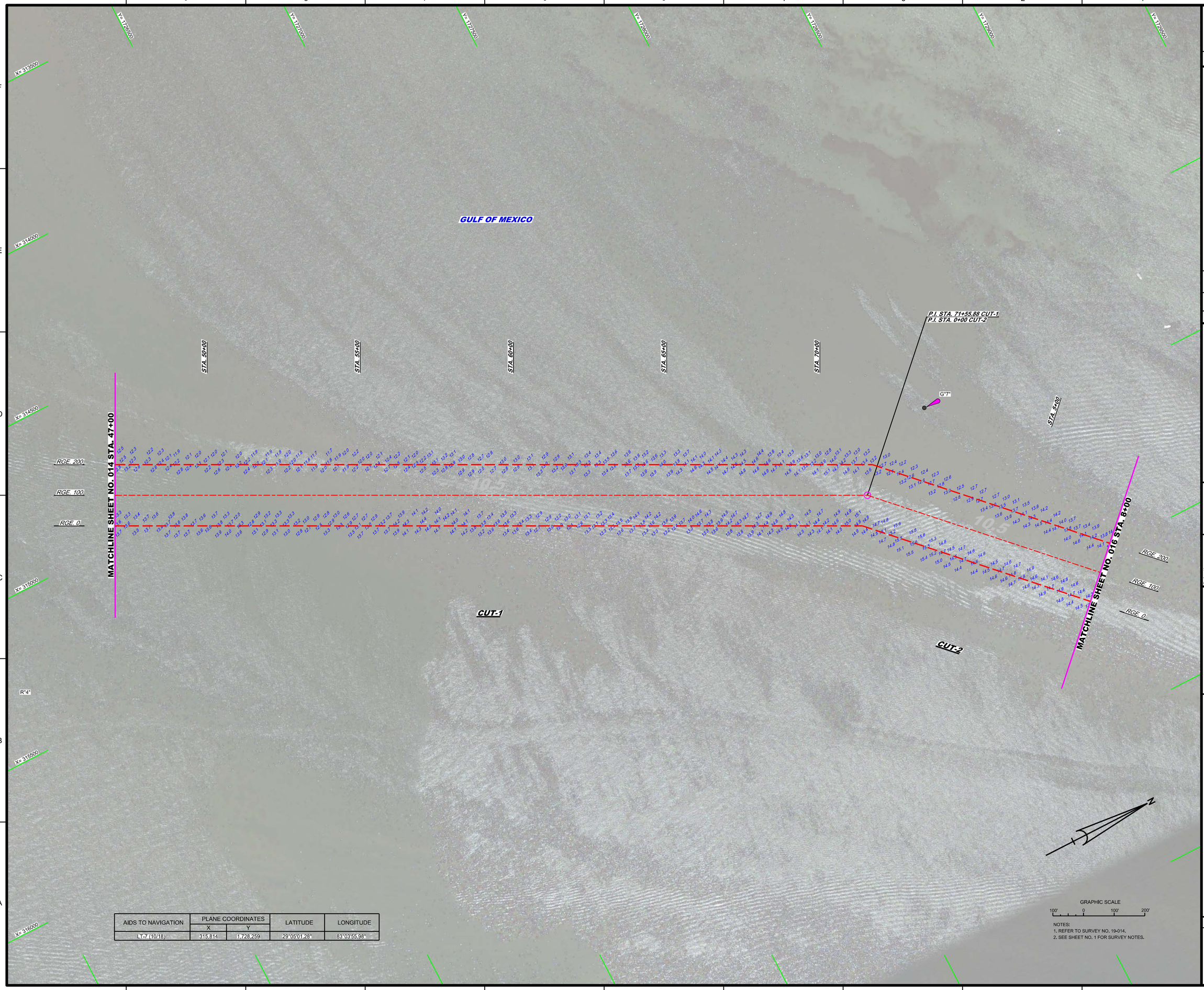
PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-7 (10/18)	315,814	1,728,259	29°05'01.28"	83°03'55.98"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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: OCT 2018

Reference files:
LXXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
19-014-V-NAV.DGN
19-014-V-SOUND_T.DGN
19-014-V-SOUND_C.DGN
CEDARKEY-NAD83(90)-INTERIM-CHANNEL_3D.DGN
19-014-C-ES-SHDR.DGN
Reference files:
19-014-V-H-015.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 47+00 CUT-1 THRU STA. 8+00 CUT-2

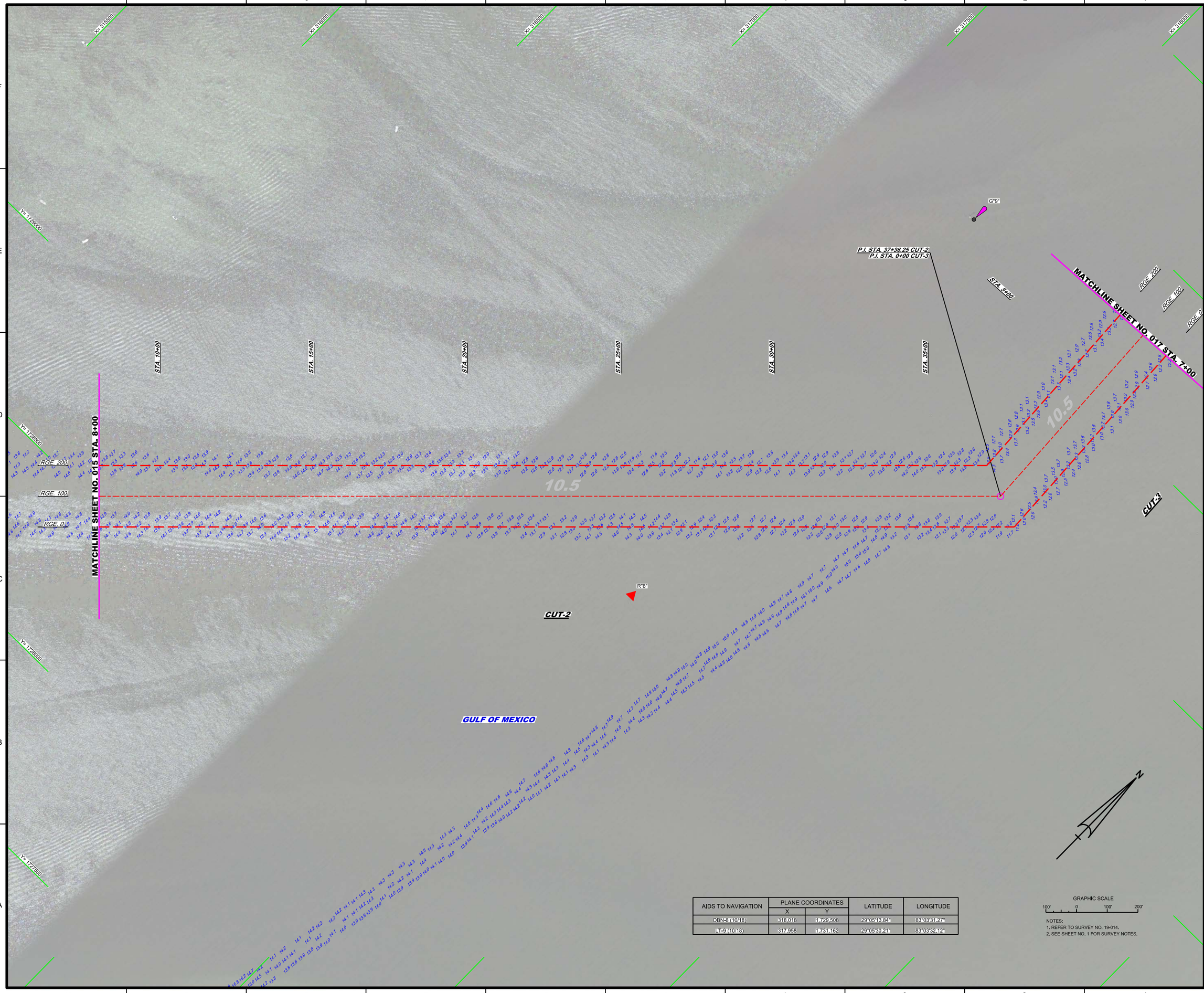
PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-8 (10/18)	318,018	1,729,508	29°05'13.84"	83°03'31.27"
LT-9 (10/18)	317,958	1,731,162	29°05'30.21"	83°03'32.12"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-014.
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
Chd by: CMR
Rev. No.
Date: OCT 2018

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
19-014-V-NAV.DGN
19-014-V-SOUTH_CUT.DGN
19-014-V-SOUTH_CUDGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL_3D.DGN
19-014-C-BS-BKDR.DGN
Reference files:
19-014-V-H016.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 8+00 CUT-2 THRU STA. 7+00 CUT-3

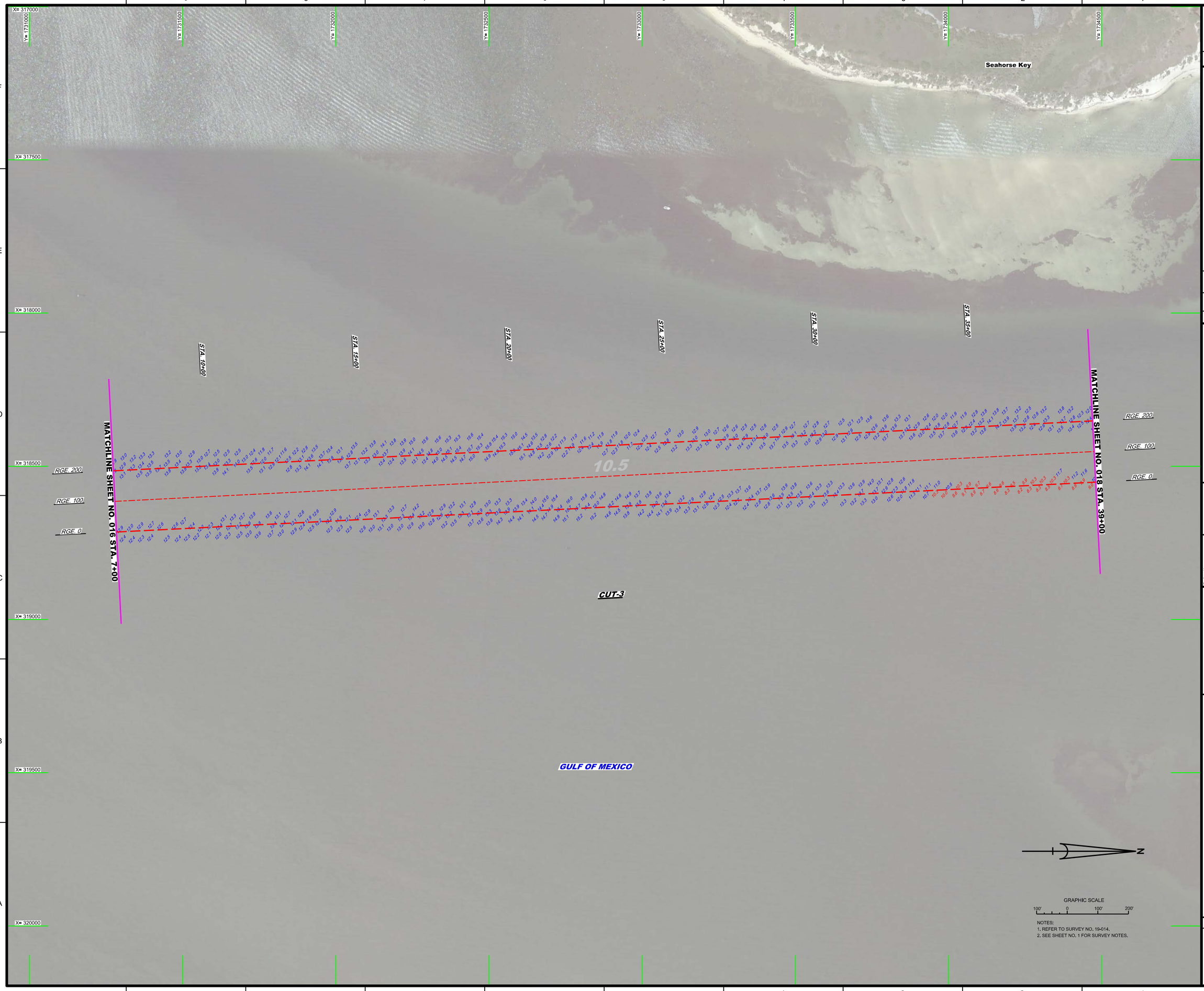
PLAN

Scale: AS SHOWN

Drawing no.

16

SHEET 16 OF 20



NOTES:
1. REFER TO SURVEY NO. 19-014.
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

Drawn by: CMR
Designed by: VIRM
DWN by: VIRM
CKD by: VIRM
Rev. No.
Date: OCT 2018

Reference files:
CV-XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
19-014-X-SQUAL CLD.DGN
CEDARKEY-NAD83(90)-INTERBK-CHANNEL_3D.DGN
19-014-X-BS-BNDR.DGN
Reference file:
19-014-VH-017.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 7+00 THRU STA. 39+00 CUT-3

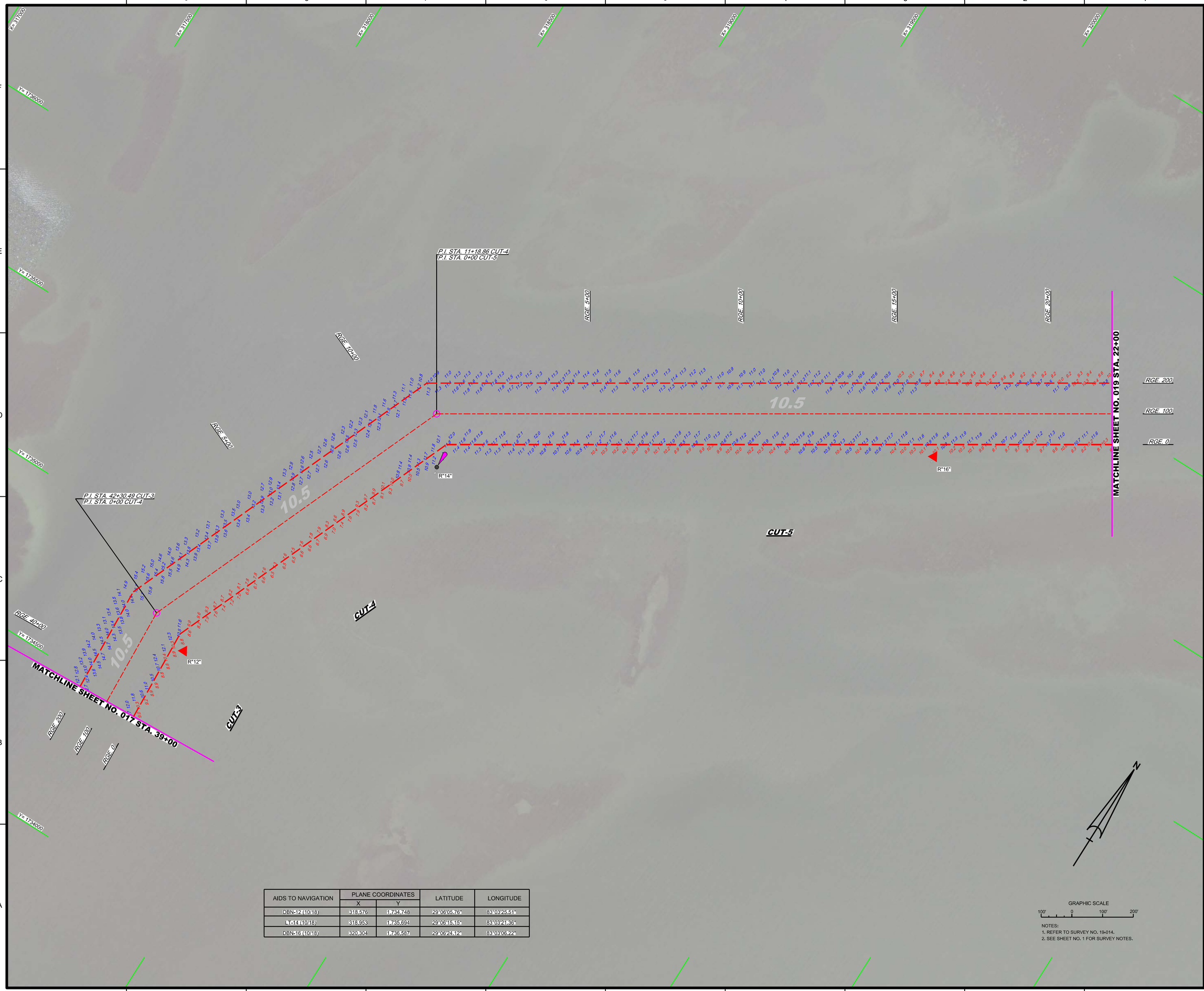
PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-12 (10/18)	318,576	1,734,748	29°06'05.76"	83°03'25.51"
LT-14 (10/18)	318,953	1,735,694	29°06'15.15"	83°03'21.36"
DBN-16 (10/18)	320,304	1,736,587	29°06'24.12"	83°03'06.22"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-014.
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
Chd by: CMR
Date: OCT 2018
Rev. No.

LYYXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
19-014-V-NAV.DGN
19-014-V-SOUN_C3.DGN
19-014-V-SOUN_CUT.DGN
19-014-V-SOUN_C4.DGN
CEDARKEY_NAD83(99)-INTERIM-CHANNEL_3D.DGN
19-014-2-SS-SNDR.DGN
Reference files:
19-014-V-H018.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 39+00 CUT-3 THRU STA. 22+00 CUT-5

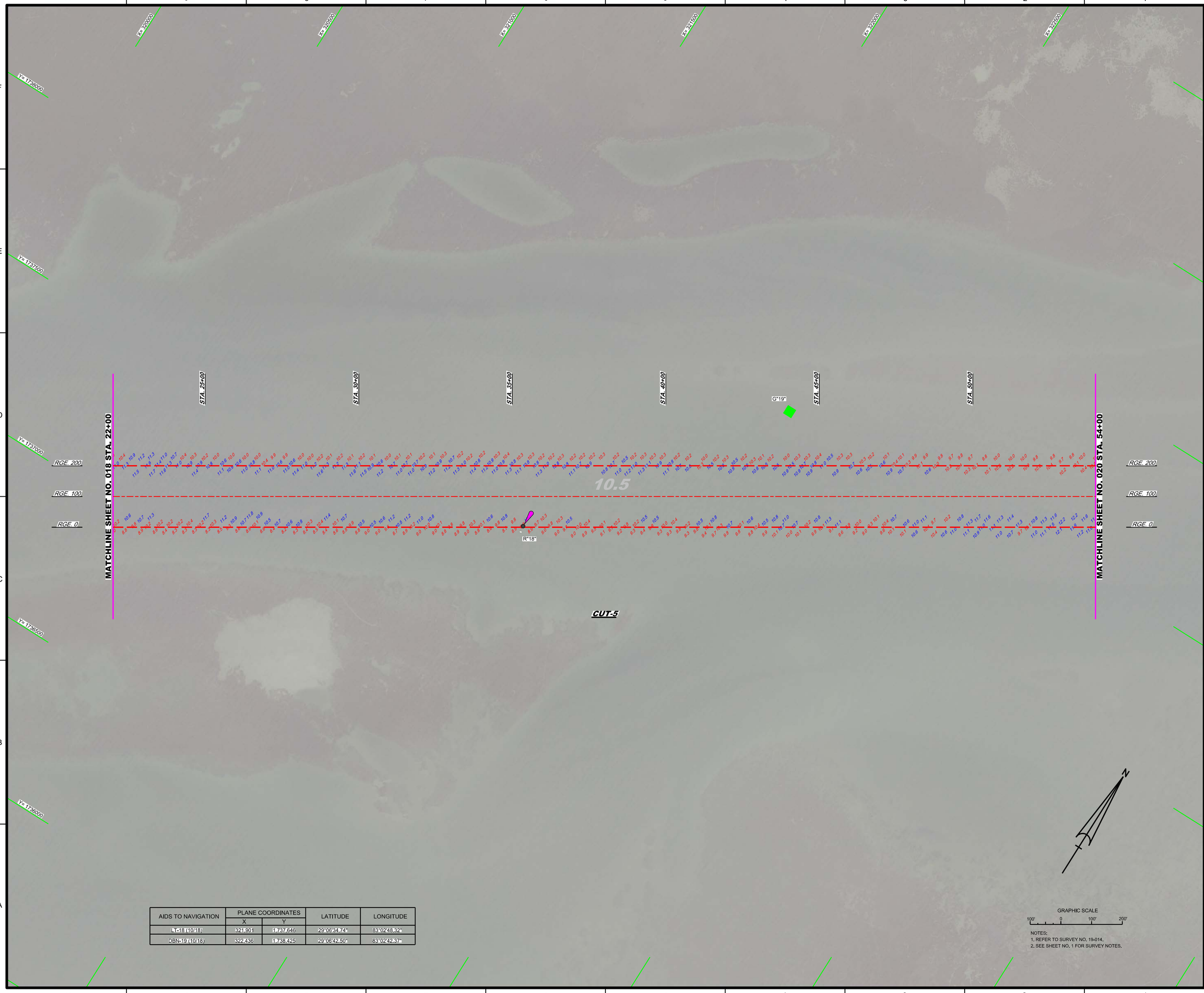
PLAN

Scale: AS SHOWN

Drawing no.

18

SHEET 18 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-18 (10/18)	321,901	1,737,646	29°06'34.74"	83°02'48.32"
DBN-19 (10/18)	322,436	1,738,425	29°06'42.50"	83°02'42.37"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 19-014.
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: OCT 2018

LEVY-XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX-XXXXXXXX.DGN
19-014-NAVSOUN_CUT.DGN
CEDARKEY_NAD83(99)-INTERIMCHANNEL_3D.DGN
19-014-C-ES-SHDR.DGN
Reference files:
19-014-VH-019.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA

POST-HURRICANE MICHAEL PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 22+00 THRU STA. 54+00 CUT-5

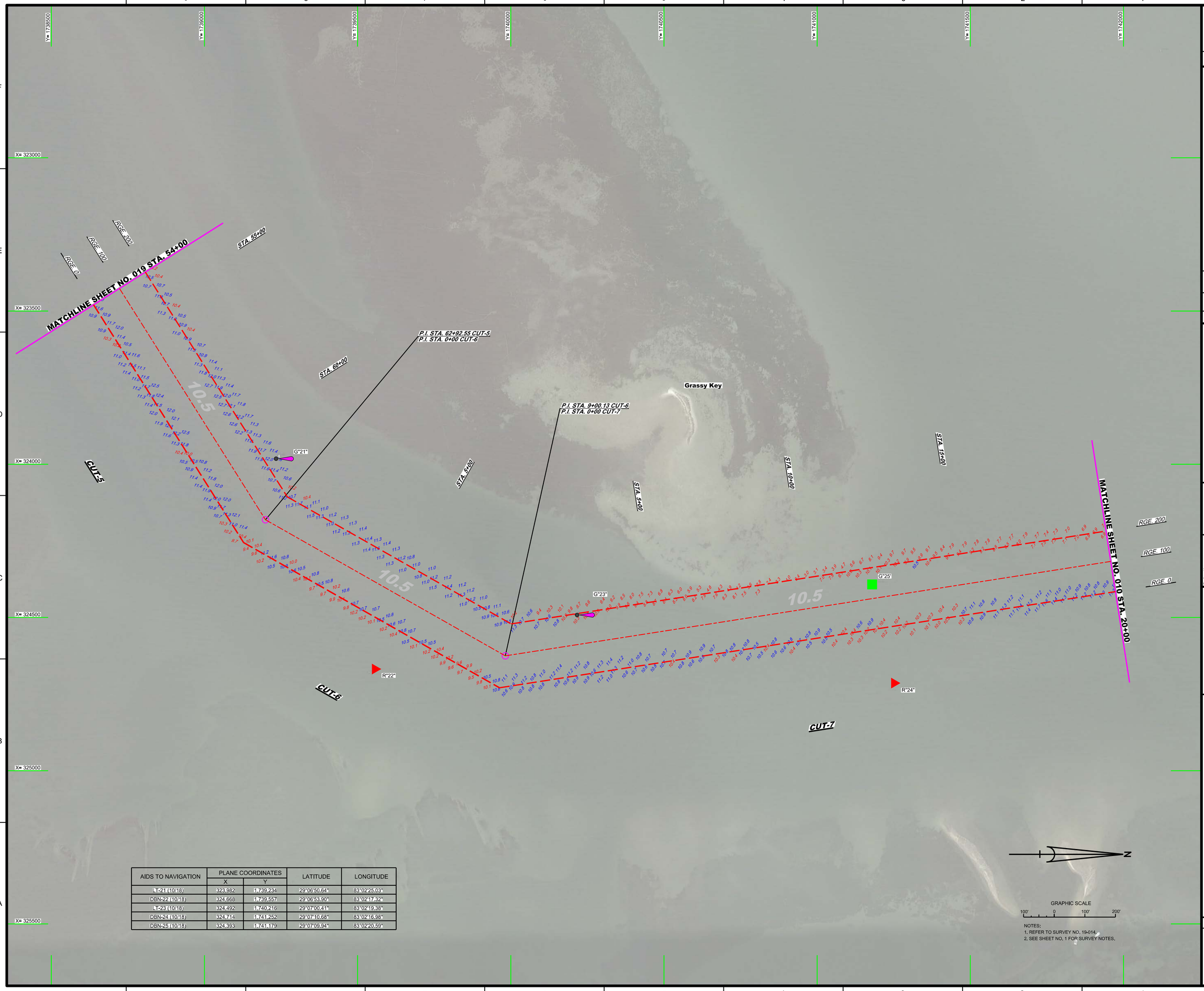
PLAN

Scale: AS SHOWN

Drawing no.

19

SHEET 19 OF 20



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-21 (10/18)	323,982	1,739,234	29°06'50.64"	83°02'25.03"
DBN-22 (10/18)	324,668	1,739,557	29°06'53.90"	83°02'17.32"
LT-23 (10/18)	324,492	1,740,216	29°07'00.41"	83°02'19.38"
DBN-24 (10/18)	324,714	1,741,252	29°07'10.68"	83°02'16.98"
DBN-25 (10/18)	324,393	1,741,179	29°07'09.94"	83°02'20.59"

NOTES:
1. REFER TO SURVEY NO. 19-014.
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
Date: OCT 2018
Proj. No.

X:\XXXXXXX-XXXXXXX\XXXXXXXX-XXXXXXXX-XXXXXXXX\XXXXXXXX-XXXXXXXX-XXXXXXXX.DGN
19-014-VAVAV.DGN
19-014-SOUL CSLDGN
19-014-SOUL CT.DGN
19-014-SOUL CT.DGN
CEDARKEY-NAD83(90)-INTERIMCHANNEL_3D.DGN
Reference files:
19-014-HH-020.DGN
File name:

CEDAR KEY HARBOR
LEVY COUNTY, FLORIDA
POST-HURRICANE MICHAEL
PROJECT CONDITION SURVEY FY19
8 AND 10.5-FOOT PROJECT
STA. 54+00 CUT-5 THRU STA. 20+00 CUT-7
PLAN

Scale: AS SHOWN

Drawing no.
20

SHEET 20 OF 20