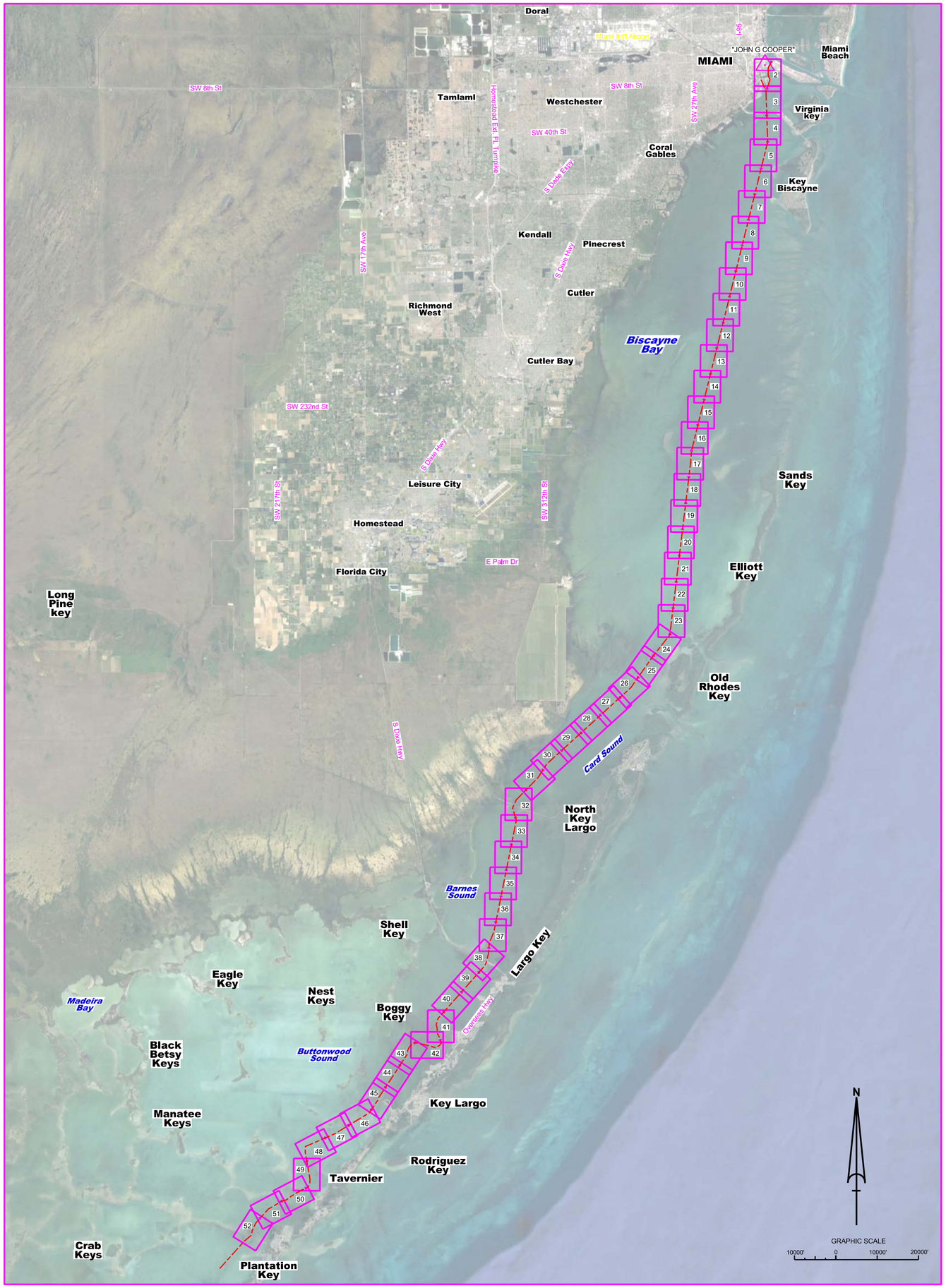
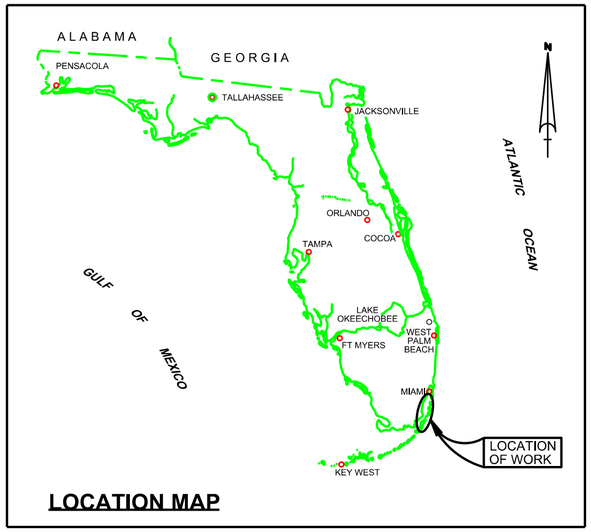




LOCATION MAP

IWW MIAMI TO CROSS BANK
DADE AND MONROE COUNTIES, FLORIDA
HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

SURVEY NOTES

1. REFER TO SURVEY NO. 18-034.
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: "BREVARD-MIAMIDADE-MONROE-COLLIER_2018 05 02.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 EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
6. FOR SURVEY DATES 29 JUN - 01 JUL 2018, THE SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

   REFERENCE BASE LOCATED AT "JOHN G COOPER" (PID: BBDQ99)

   FOR SURVEY DATES 15-16 AUG AND 20-21 AUG 2018, THE SURVEY WAS PERFORMED USING THE FLORIDA PERMANENT REFERENCE NETWORK (VRS) FOR REAL-TIME KINEMATIC (RTK) GPS.
7. DEPTHS DEPICTED BY THIS SURVEY ARE REFERENCED TO MLLW, TIDAL EPOCH 1983-2001 AS REPORTED BY THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA). A MODIFIED VERSION OF NOAA'S VDATUM MODEL WAS USED TO CALIBRATE TO THE PUBLISHED MLLW HEIGHTS OF THE BENCHMARKS BELOW:

   NOAA TIDAL STATION 872-3165 USED FOR ENTIRE PROJECT. (PID: AC2178)
8. VERTICAL MEASUREMENTS WERE MADE USING AN EDGETECH 6205 COMBINED MULTI-BEAM ABD SIDESCAN SONAR. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-48	29 JUN - 01 JUL 2018	MIAMI TO BISCAYNE BAY
SB-48	15-16 AUG 2018	BISCAYNE BAY
SB-48	20-21 AUG 2018	BISCAYNE BAY TO CROSS BANK

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 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: VRM
Cad by: GMR
DWN by: VRM
Inv. No.: W912EP-XX-C-XXXX
Date: AUG 2018

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
18-034-A-INDEX.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-C-BS-BREVR.DGN
Reference files:
18-034-VH-001.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

INDEX, LOCATION AND VICINITY

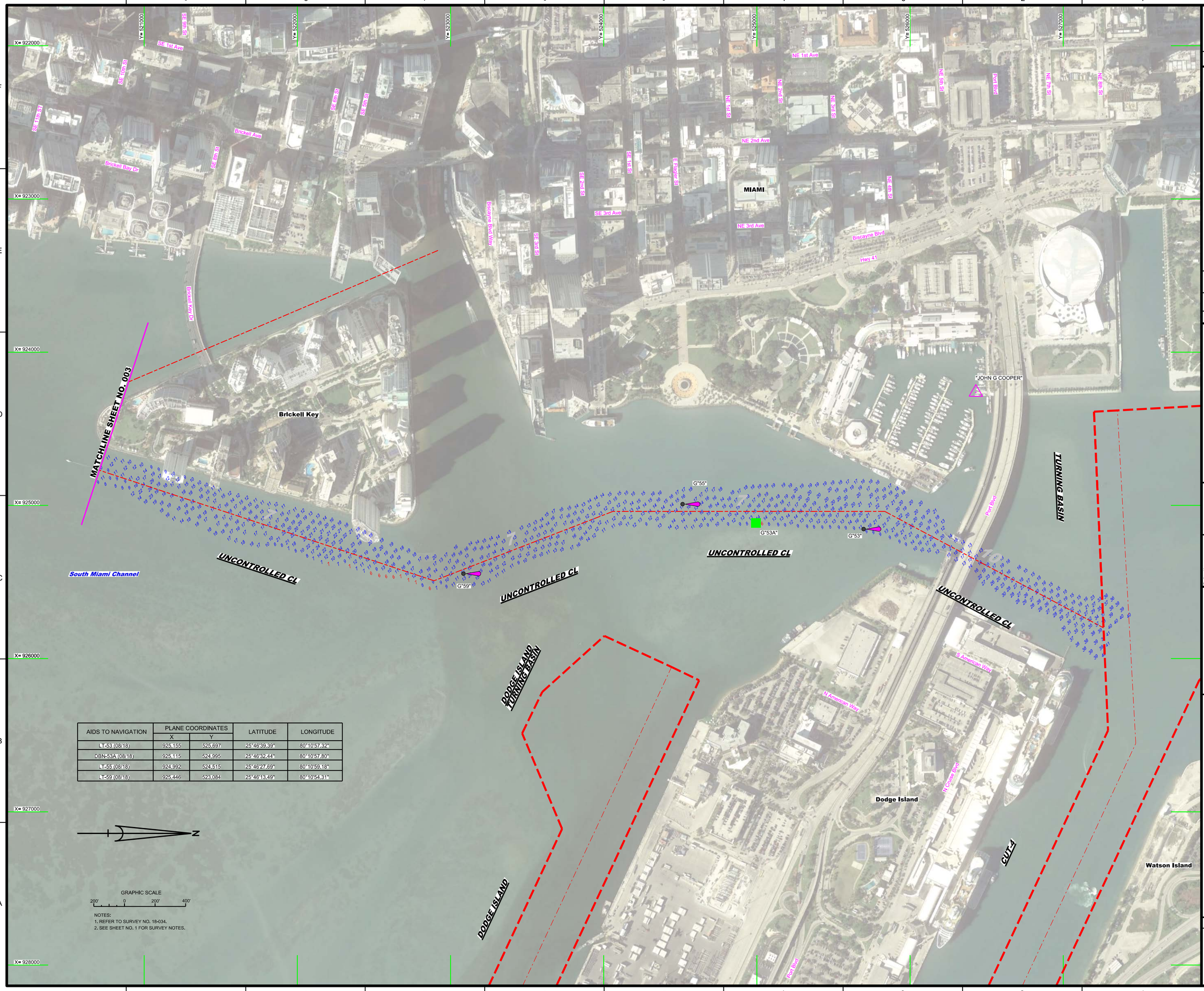
MAP

Scale: AS SHOWN

Drawing no.

1

SHEET 01 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-53 (08/18)	925,155	525,697	25°46'39.39"	80°10'57.32"
DBN-53A (08/18)	925,115	524,995	25°46'32.44"	80°10'57.80"
LT-55 (08/18)	924,992	524,515	25°46'27.69"	80°10'59.18"
LT-59 (08/18)	925,446	523,084	25°46'13.49"	80°10'54.31"

N

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V9125E*-XXX-XXXX
Date: AUG 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
18-034-XXXXXXXX.DGN
18-034-AVSOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-CESBRDR.DGN
Reference files:
18-034-VH-302.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW, INTRACOASTAL WATERWAY
VICINITY OF MIAMI, FLORIDA

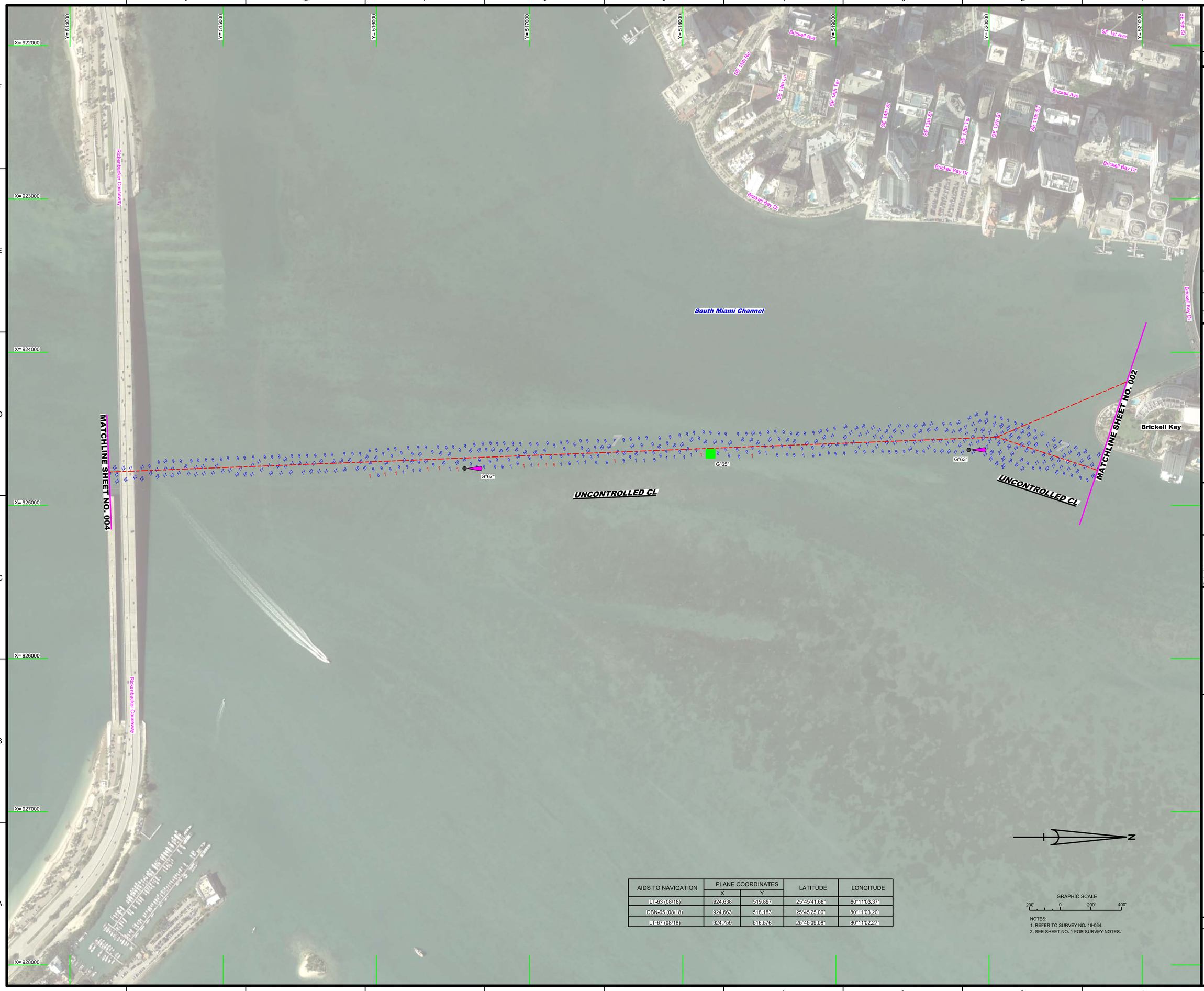
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-63 (08/18)	924,638	519,897	25°45'41.68"	80°11'03.37"
DBN-65 (08/18)	924,663	518,183	25°45'25.00"	80°11'03.20"
LT-67 (08/18)	924,759	516,576	25°45'09.08"	80°11'02.27"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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: GMR
Proj. No.: V912EP-XX-XX-XXXX
Date: AUG 2018

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
18-034-A-SOUNDGN
18-034-A-SOUNDGN
INTERIM_MIAMI TO KEY WEST__DGN
18-034-C-BS-BROPA.DGN
Reference files:
18-034-A-H-003.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

BOAT WORK ON FLORIDA SHELF
VICINITY OF SOUTH MIAMI CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.

3

SHEET 03 OF 52

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. V912EP-XX-XX-XXXX
Date: AUG 2018

X:\XXXXXXXX-XXXXXX.DGN
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XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
18-034-A-SQN.DGN
INTERIM_MIAMI TO KEY WEST...DGN
18-034-C-BS-SRGR.DGN
Reference files:
18-034-A-HH-004.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. W912EP-XX-X-XXXX
Date: AUG 2018

Reference files:
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18-034-C-BS-GRDR.DGN
File name: 18-034-VH-005.DGN

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.
5

SHEET 05 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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: GMR
Rev. No. V9123EP-XX-X-XXXX
Date: AUG 2018

CV-XXXXXX-X-XXXXX.DGN
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INTERIM_MIAMI TO KEY WEST....DGN
18-034-X-BS-BNDR.DGN
Reference files:
18-034-VH-006.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXXX-X-XXXXX.DGN
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XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
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Reference files:
18-034-VH-007.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

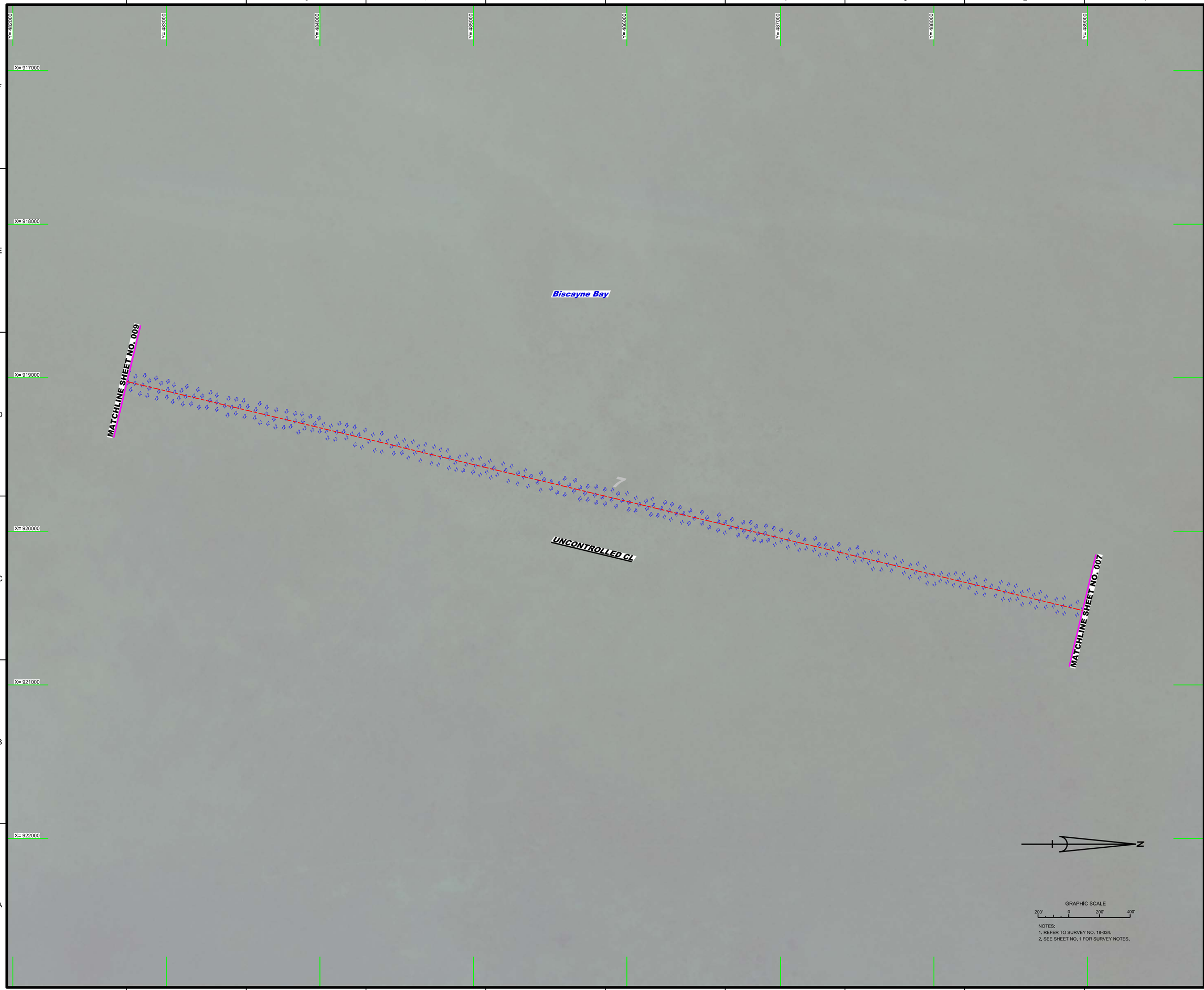
PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 52



NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V913EP-XX-XX-XXXX
Dates: AUG 2018

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18-034-C-BS-BRGR.DGN
Reference files

18-034-HH-08.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

8

SHEET 08 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. W912EP-XX-X-XXXX
Date: AUG 2018

I:\XX-XXX-X-XXXX.DGN
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XXXXXXXX-X-XXXXX.DGN
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18-034-X-SQUAD.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-X-BS-BNDR.DGN
Reference files:
18-034-VH-009.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSSBANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE

PLAN

Scale: AS SHOWN

Drawing no.

9

SHEET 09 OF 52

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V9912EP-XX-X-XXXX
Date: AUG 2018

I:\18-034-X-XXXX-X.DGN
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INTERIM_MIAMI TO KEY WEST....DGN
19-034-2-ES-SNDR.DGN
Reference files:
18-034-VH010.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BAKE FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. W912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXX-X-XXXX.DGN
XXXXXXXX-X-XXXXX.DGN
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18-034-X-SQUALDGN
INTERIM_MIAMI TO KEY WEST....DGN
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Reference files:
18-034-VH011.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BAKE, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V9912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
18-034-X-SQUAD.DGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-X-BS-BNDR.DGN
Reference files:
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File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BAKE, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 52

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. W912EP-XX-X-XXXX
Date: AUG 2018

LX:\XXXXXXX-X-XXXXX.DGN
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INTERIM_MIAMI TO KEY WEST....DGN
18-034-X-BS-BNDR.DGN
Reference files:
18-034-VH-013.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

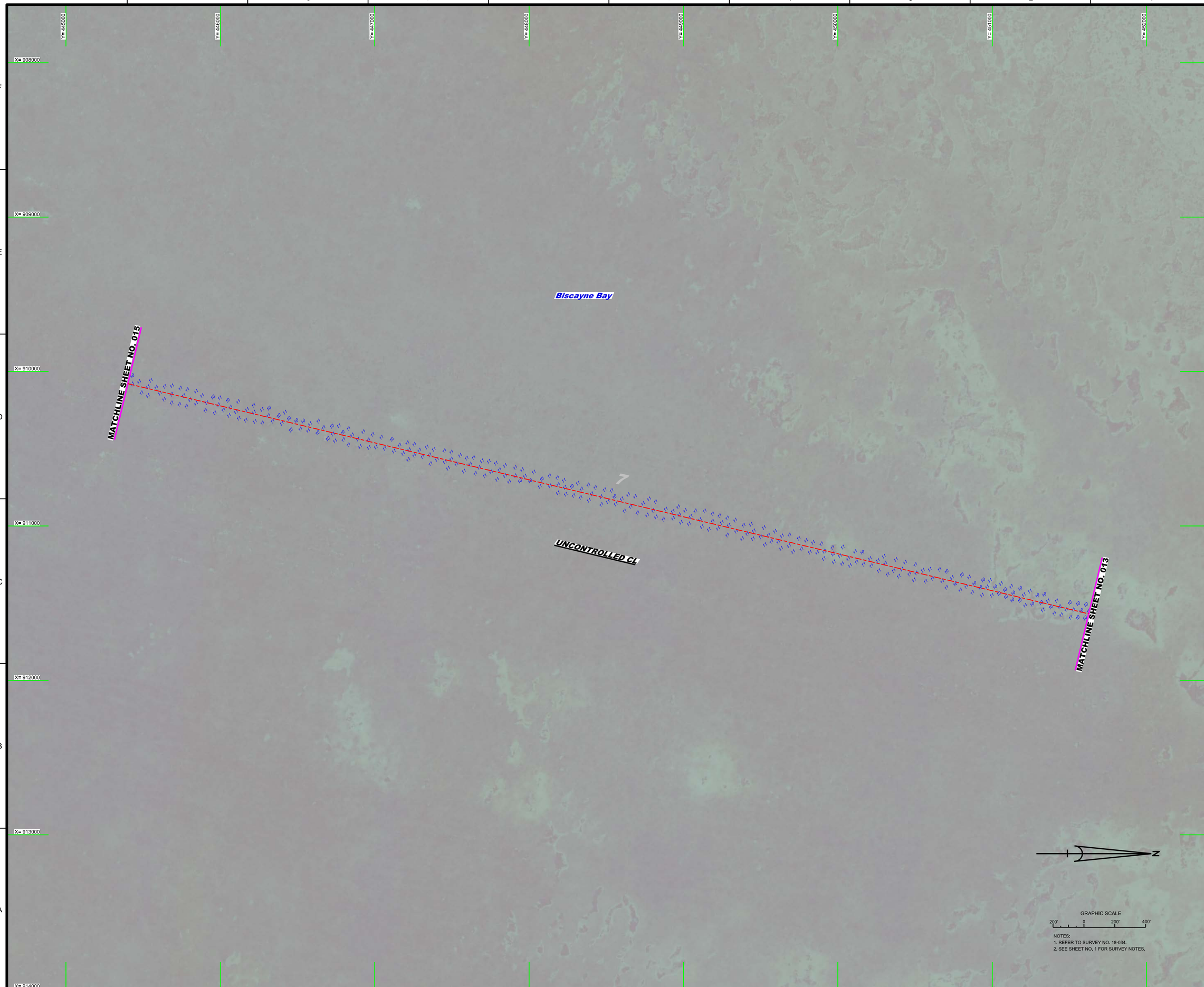
PLAN

Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 52



NOTES:
1. REFER TO SURVEY NO. 18-034.
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. Y9123EP-XX-X-XXXX
Date: AUG 2018

LV:XXXXXX-X-XXXX.DGN
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INTERIM_MIAMI TO KEY WEST....DGN
19-034-C-ES-SHDR.DGN
Reference files:
18-034-VH014.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BAY, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-XX-XXXX
Date: AUG 2018

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
18-034-A-SQN.DGN
INTERIM_MIAMI TO KEY WEST__DGN
18-034-C-BS-BRGR.DGN
Reference files:
18-034-A-RH-015.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.
15

SHEET 15 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V913EP-XX-XX-XXXX
Dates: AUG 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
18-034-A-SQN.DGN
INTERIM_MIAMI TO KEY WEST__DGN
18-034-C-BS-BRGR.DGN
Reference files:
18-034-A-H-016.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

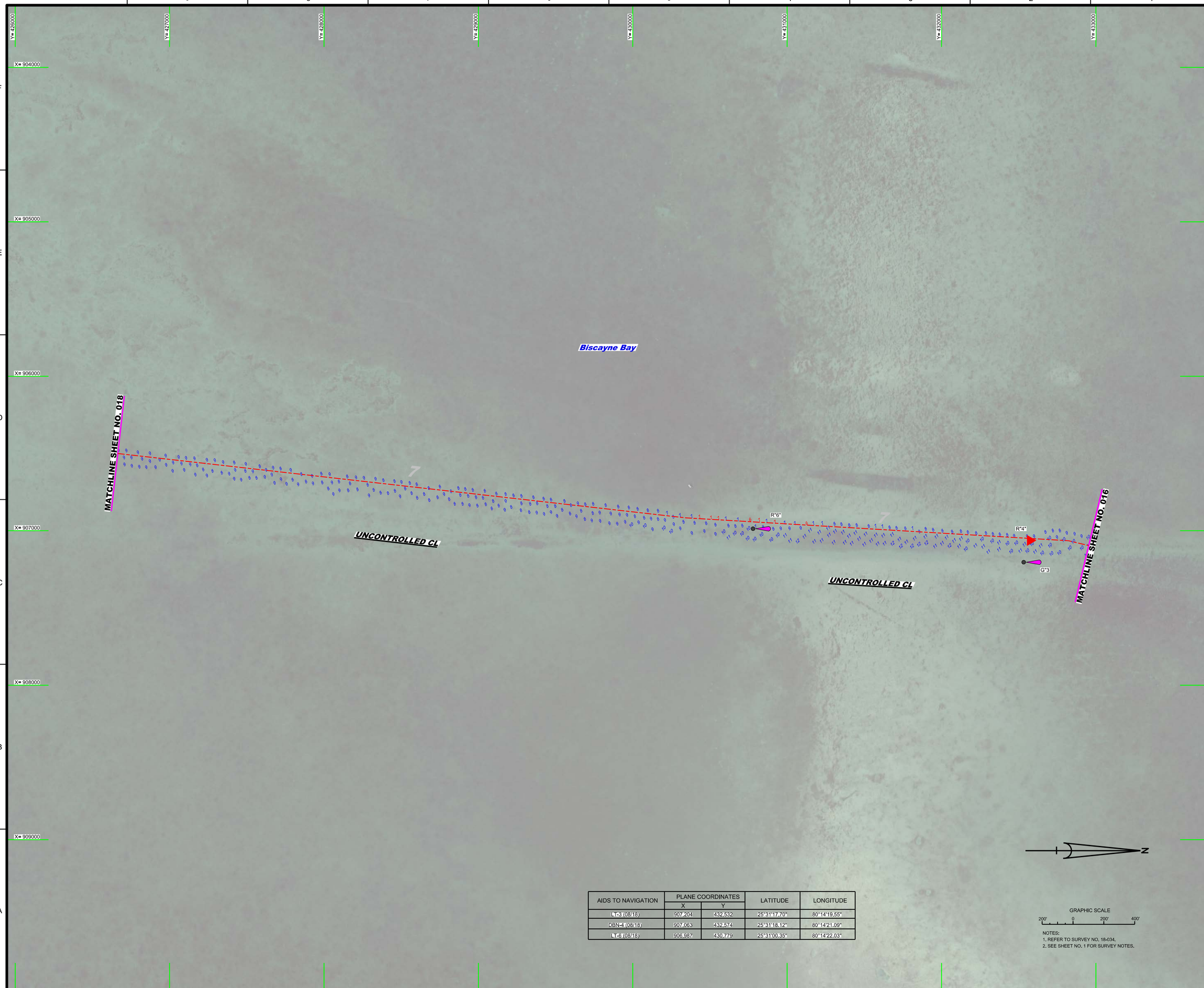
HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.
16

SHEET 16 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-3 (08/18)	907,204	432,532	25°31'17.70"	80°14'19.55"
DBN-1 (08/18)	907,063	432,574	25°31'18.12"	80°14'21.09"
LT-6 (08/18)	906,987	430,779	25°31'00.35"	80°14'22.03"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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: GMR
Rev. No. V912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXXX-X-XXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
18-034-AV-SOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-C-ES-BRDR.DGN
Reference files:
18-034-VH-017.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

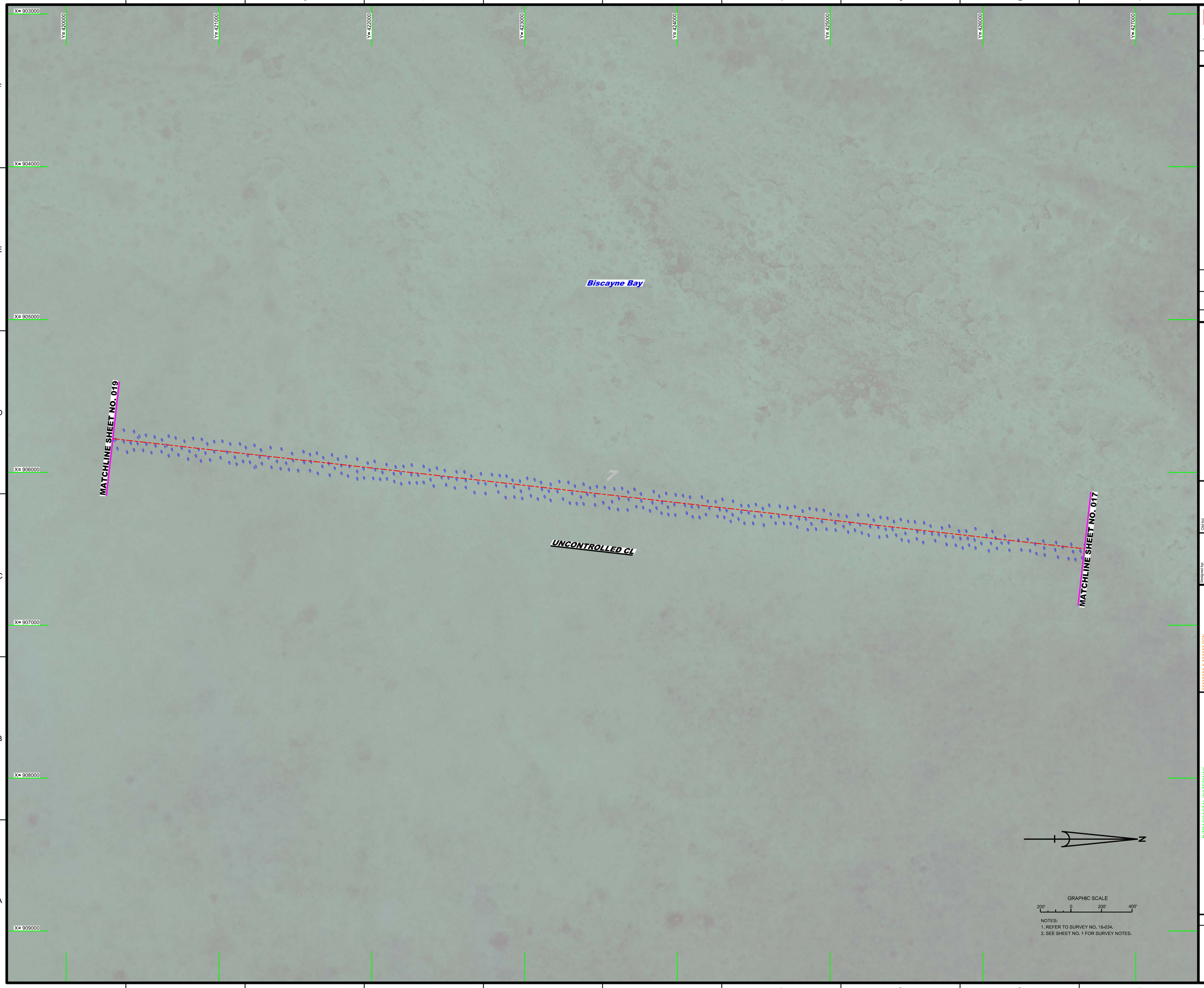
PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 52



NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-X-XXXX
Date: AUG 2018

LV-XXXXXXX-X-XXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXXX-X-XXXXXX.DGN
18-034-X-SOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-X-BS-BNDR.DGN
Reference files:
18-034-VHb018.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

18

SHEET 18 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
18-034-X-SQUALDGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-X-BS-BRDR.DGN
Reference files:
18-034-VH-019.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BAKE, FLORIDA
DADE AND MONROE COUNTIES

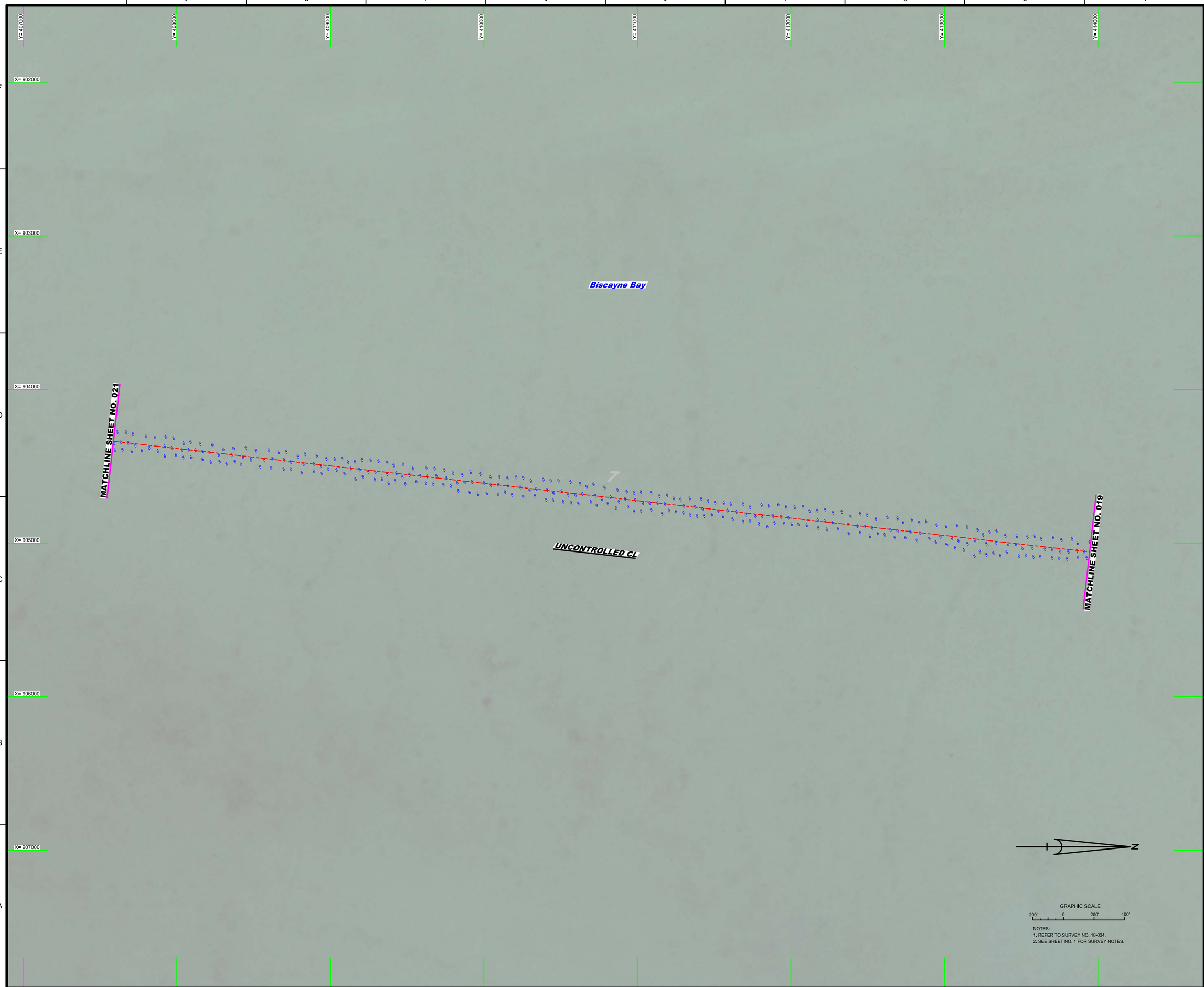
HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE

PLAN

Scale: AS SHOWN

Drawing no.
19

SHEET 19 OF 52



NOTES:
1. REFER TO SURVEY NO. 18-034.
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
Chkd by: GMR
Proj. No.: V913EP-XX-XX-XXXX
Date: AUG 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
18-034-A-SQN.DGN
INTERIM_MIAMI TO KEY WEST__DGN
18-034-C-BS-BRGR.DGN
Reference files:
18-034-A-HH-020.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

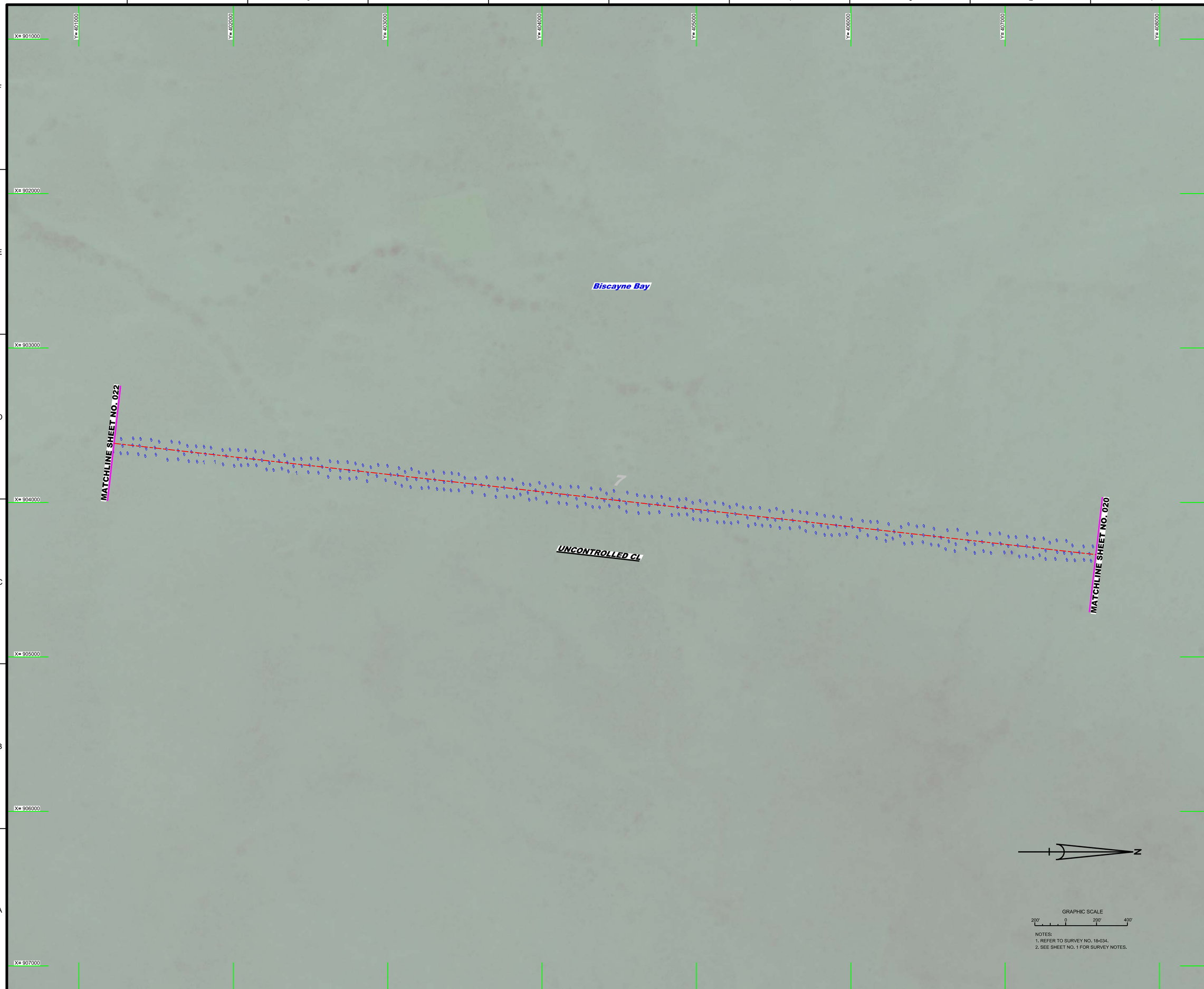
PLAN

Scale: AS SHOWN

Drawing no.

20

SHEET 20 OF 52



NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXX-X-XXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
18-034-X-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-X-BS-BNDR.DGN
Reference files:
18-034-VH-021.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

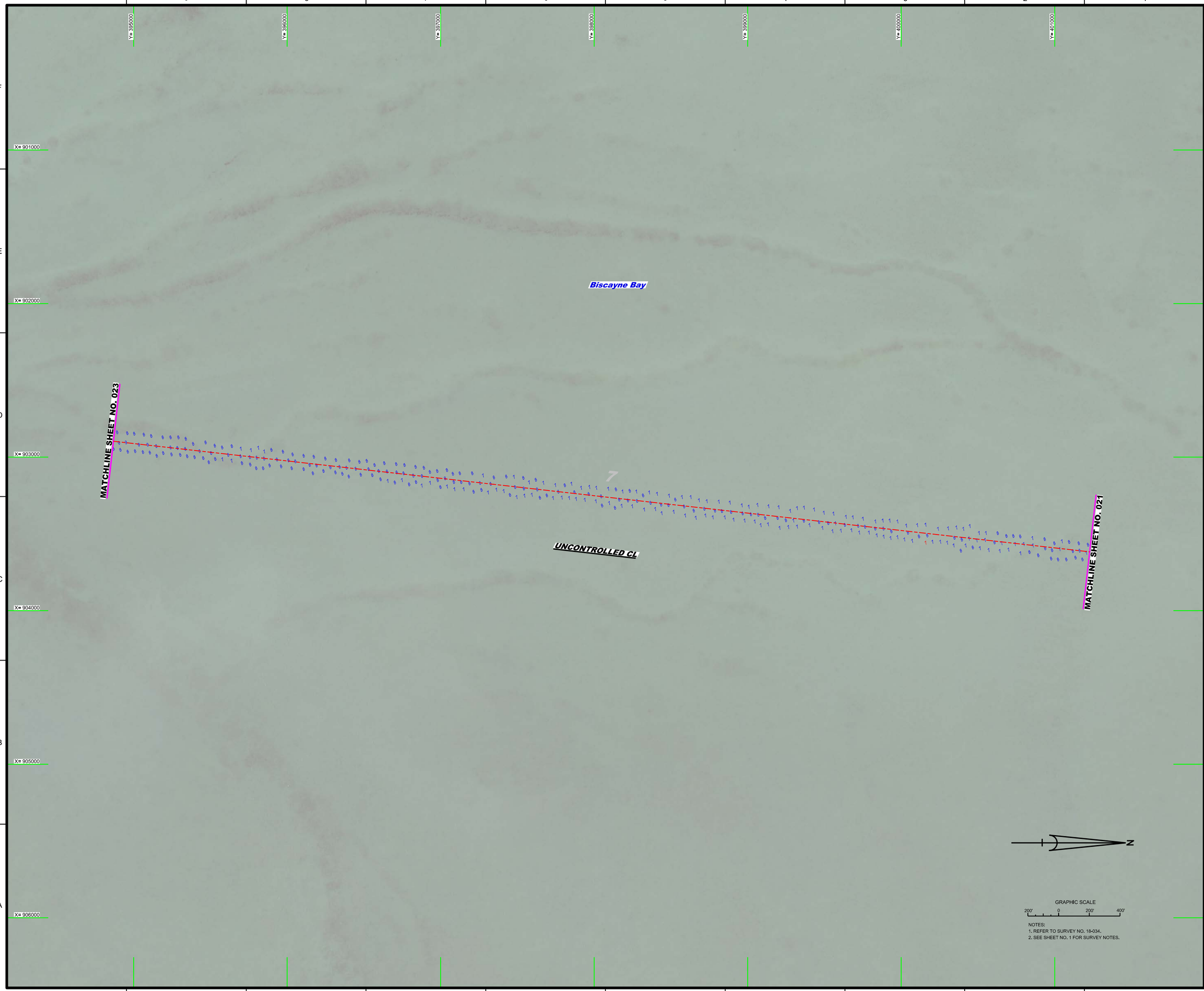
PLAN

Scale: AS SHOWN

Drawing no.

21

SHEET 21 OF 52



NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-XX-XXXX
Date: AUG 2018

XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
18-034-A-SCN.DGN
INTERIM_MIAMI TO KEY WEST__DGN
18-034-C-BS-BRGR.DGN
Reference files
18-034-A-H-022.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

22

SHEET 22 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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
Chkd by: GMR
Proj. No. V913EP-XX-XX-XXXX
Date: AUG 2018

XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
18-034-A-SQN.DGN
INTERIM_MIAMI TO KEY WEST__DGN
18-034-C-BS-BRGR.DGN
Reference files
18-034-A-H-023.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

PLAN

Scale: AS SHOWN

Drawing no.

23

SHEET 23 OF 52

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-8 (08/18)	902,031	388,458	25°24'01.44"	80°15'18.71"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-037.
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. V9123EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXX-X-XXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
18-034-X-SOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-X-BS-BRDR.DGN
Reference files:
18-034-VHD24.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

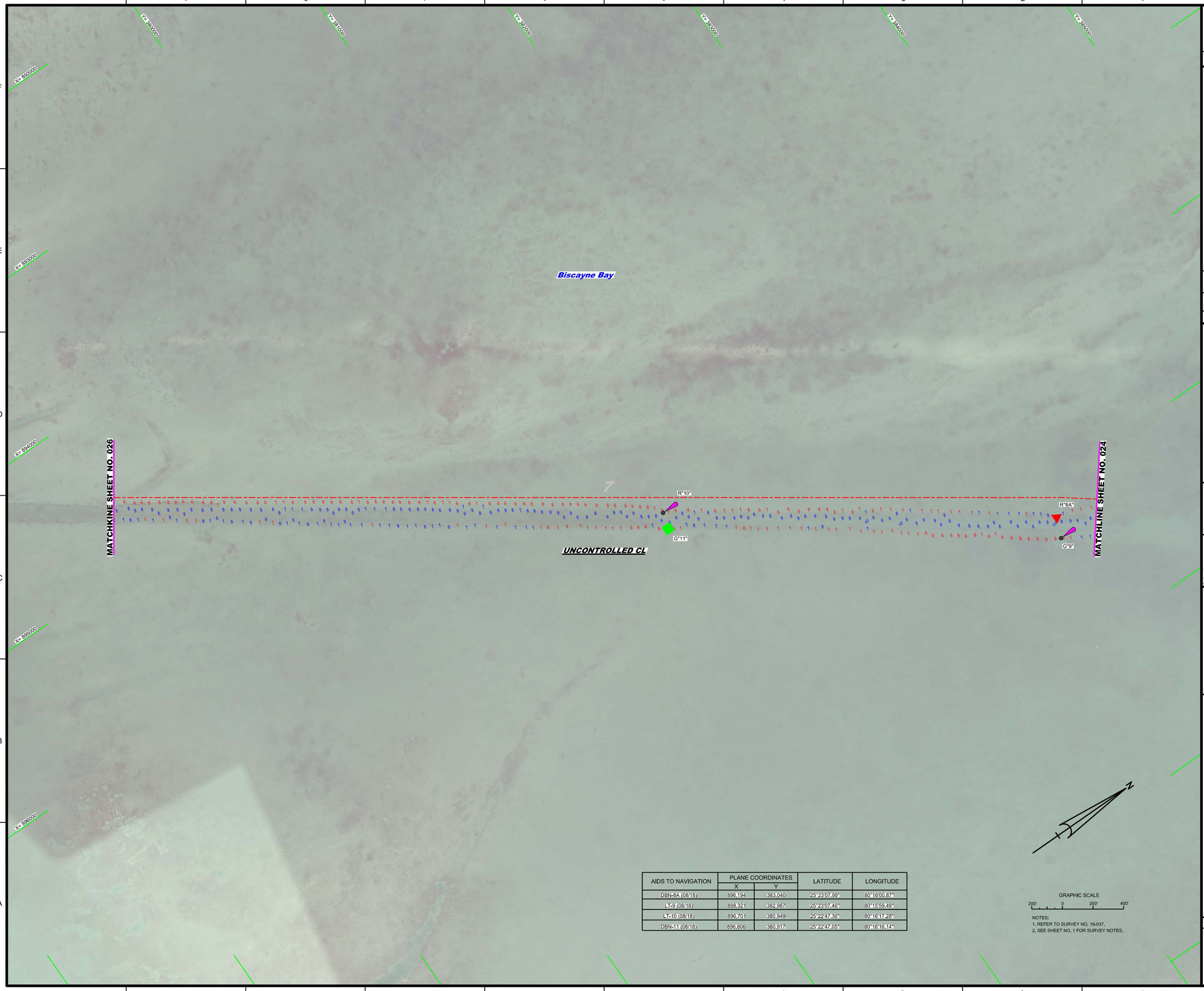
PLAN

Scale: AS SHOWN

Drawing no.

24

SHEET 24 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-8A (08/18)	898,194	383,040	25°23'07.99"	80°16'00.87"
LT-9 (08/18)	898,321	382,987	25°23'07.46"	80°15'59.49"
LT-10 (08/18)	896,701	380,949	25°22'47.36"	80°16'17.28"
DBN-11 (08/18)	896,806	380,917	25°22'47.05"	80°16'16.14"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-037.
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: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. W912EP-XX-X-XXXX
Date: AUG 2018

I:\XX-XXX-X-XXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
18-034-AVSOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-PES-BRDR.DGN
Reference files:
18-034-VHD25.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE
BISCAYNE BAY

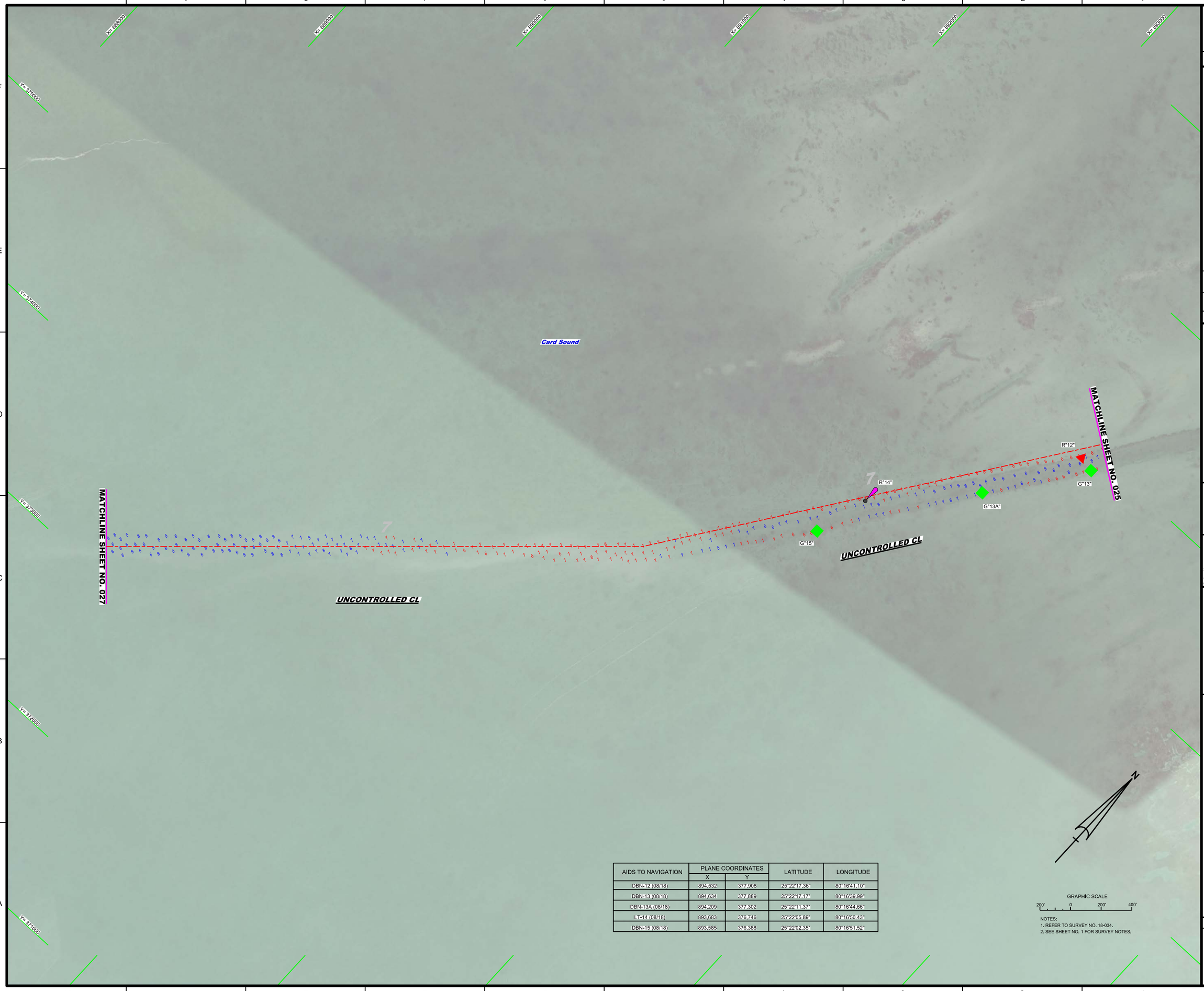
PLAN

Scale: AS SHOWN

Drawing no.

25

SHEET 25 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-12 (08/18)	894,532	377,908	25°22'17.36"	80°16'41.10"
DBN-13 (08/18)	894,634	377,889	25°22'17.17"	80°16'39.99"
DBN-13A (08/18)	894,209	377,302	25°22'11.37"	80°16'44.66"
LT-14 (08/18)	893,683	376,746	25°22'05.89"	80°16'50.43"
DBN-15 (08/18)	893,585	376,388	25°22'02.35"	80°16'51.52"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V0125EP-XXX-XXXX
Date: AUG 2018

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
18-034-XXXXXXXX
18-034-NAVSOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-DESIGNORDR.DGN
Reference files:
18-034-VHD26.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO JOHN PENNEKAMP FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
CARD SOUND

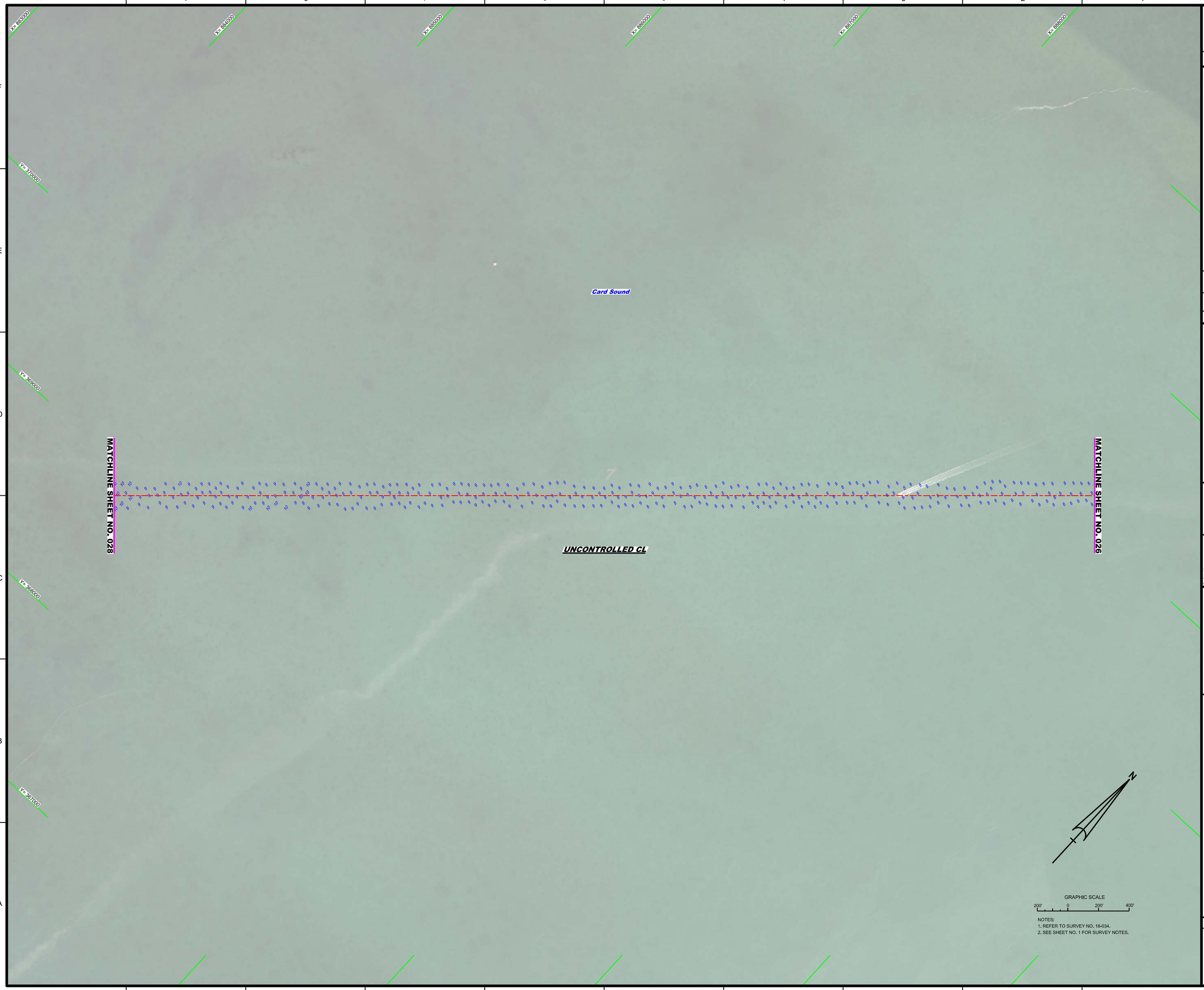
PLAN

Scale: AS SHOWN

Drawing no.

26

SHEET 26 OF 52



NOTES:
1. REFER TO SURVEY NO. 18-034.
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: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
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18-034-X-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-2-BS-BNDR.DGN
Reference files:
18-034-VH-027.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BAY, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
CARD SOUND

PLAN

Scale: AS SHOWN

Drawing no.

27

SHEET 27 OF 52

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. W912EP-XX-X-XXXX
Date: AUG 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
18-034-A-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-C-ESB-BRDR.DGN
Reference files:
18-034-VH-028.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
CARD SOUND

PLAN

Scale: AS SHOWN

Drawing no.

28

SHEET 28 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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
Rev. No. V912EP-XX-X-XXXX
Date: AUG 2018

X:\XXXXXXX-X-XXXXX.DGN
X:\XXXXXXX-X-XXXXX.DGN
X:\XXXXXXX-X-XXXXX.DGN
X:\XXXXXXX-X-XXXXX.DGN
X:\XXXXXXX-X-XXXXX.DGN
18-034-X-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-2-ES-SHDR.DGN
Reference files:
18-034-VH-029.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BAY, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
CARD SOUND

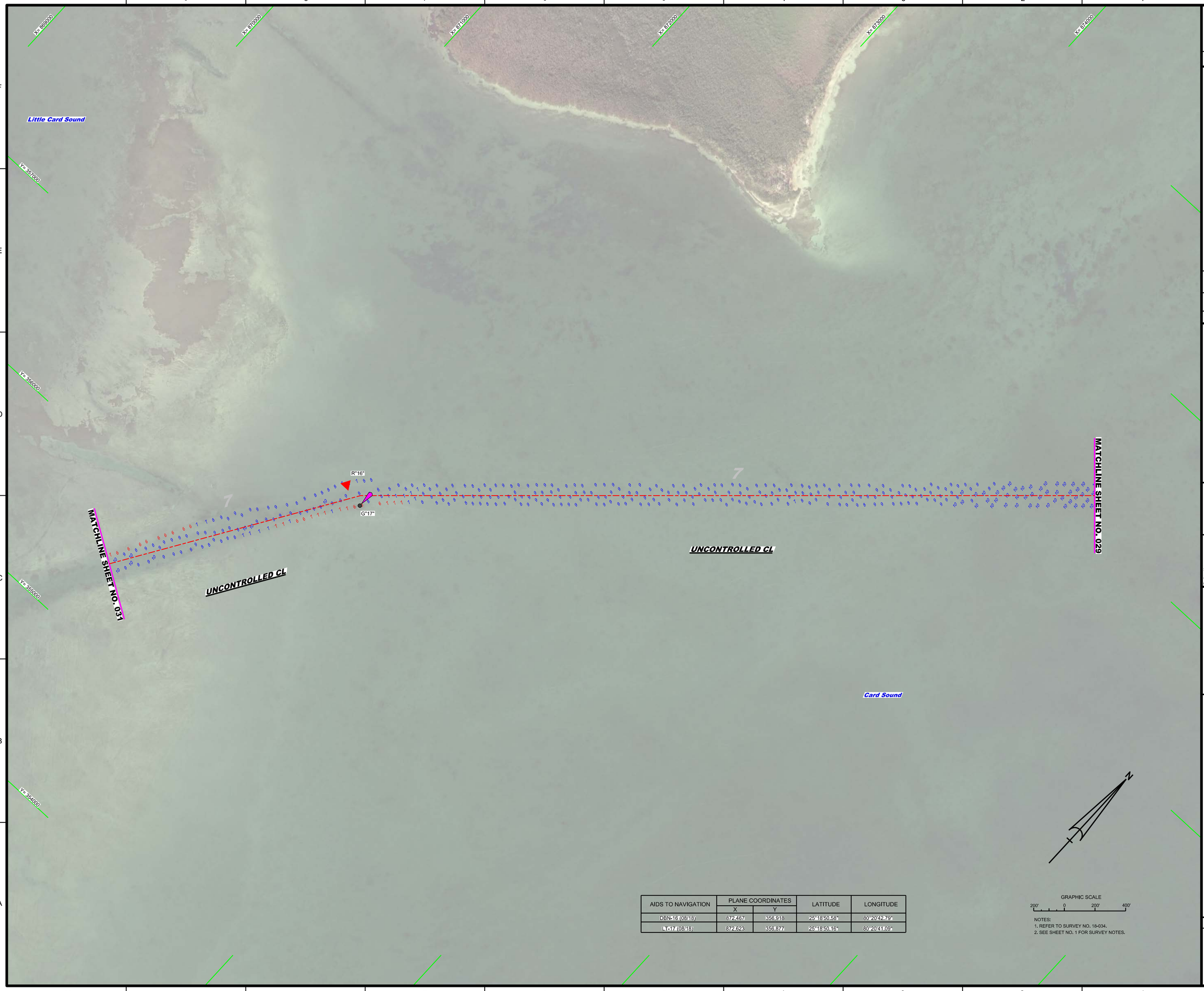
PLAN

Scale: AS SHOWN

Drawing no.

29

SHEET 29 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-16 (08/18)	872,467	356,918	25°18'50.58"	80°20'42.79"
LT-17 (08/18)	872,623	356,877	25°18'50.16"	80°20'41.09"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V9912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
18-034-LN-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-CES-BRDR.DGN
Reference files:
18-034-VH030.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
CARD SOUND

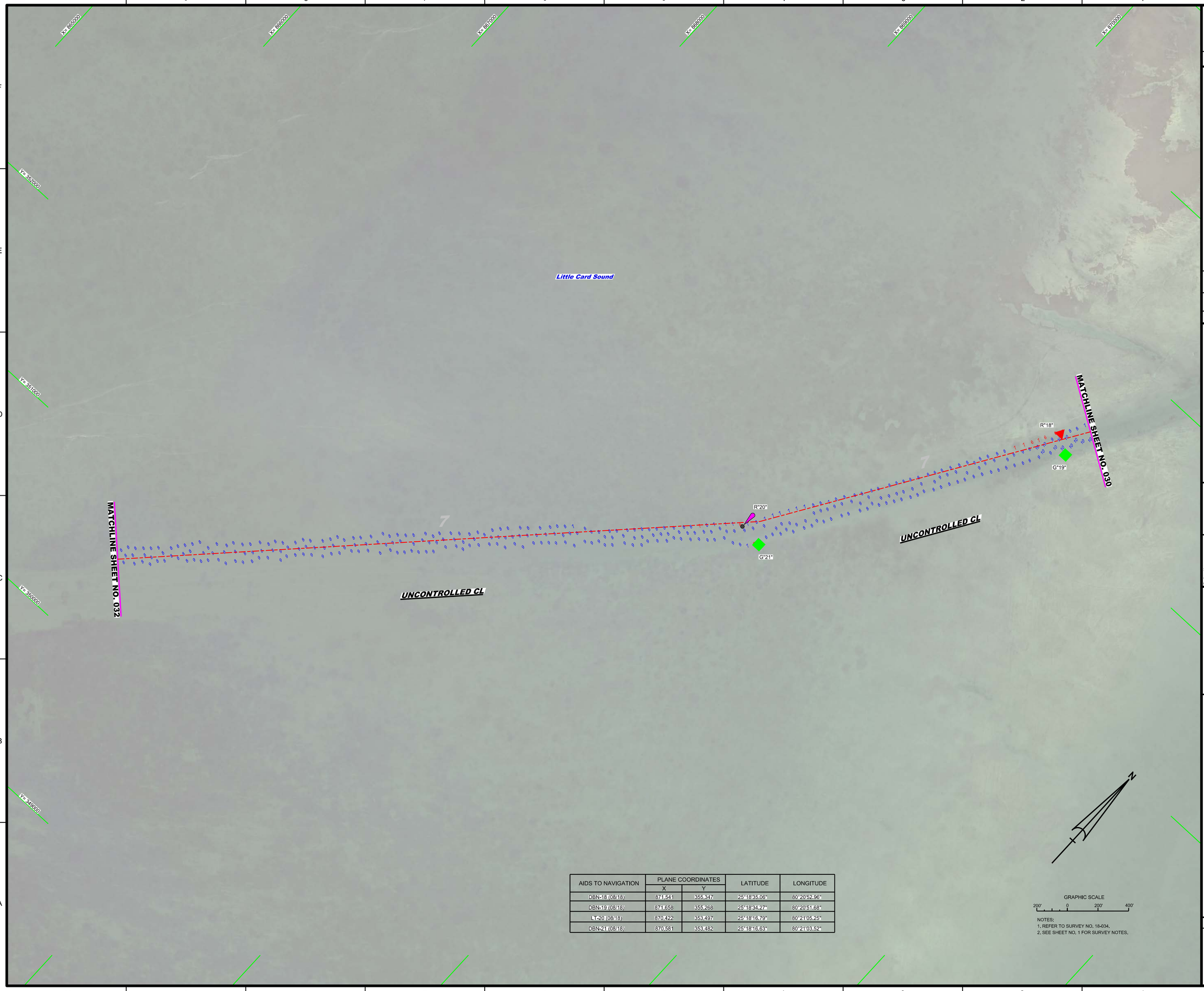
PLAN

Scale: AS SHOWN

Drawing no.

30

SHEET 30 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-18 (08/18)	871,541	355,347	25°18'35.06"	80°20'52.96"
DBN-19 (08/18)	871,658	355,268	25°18'34.27"	80°20'51.68"
LT-20 (08/18)	870,422	353,497	25°18'16.79"	80°21'05.25"
DBN-21 (08/18)	870,581	353,482	25°18'16.63"	80°21'03.52"

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-X-XXXX
Date: AUG 2018

Reference files:
I:\XXXXXXXX-X-XXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
18-034-N-SOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-C-ES-BNDR.DGN
18-034-VH-031.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
LITTLE CARD SOUND

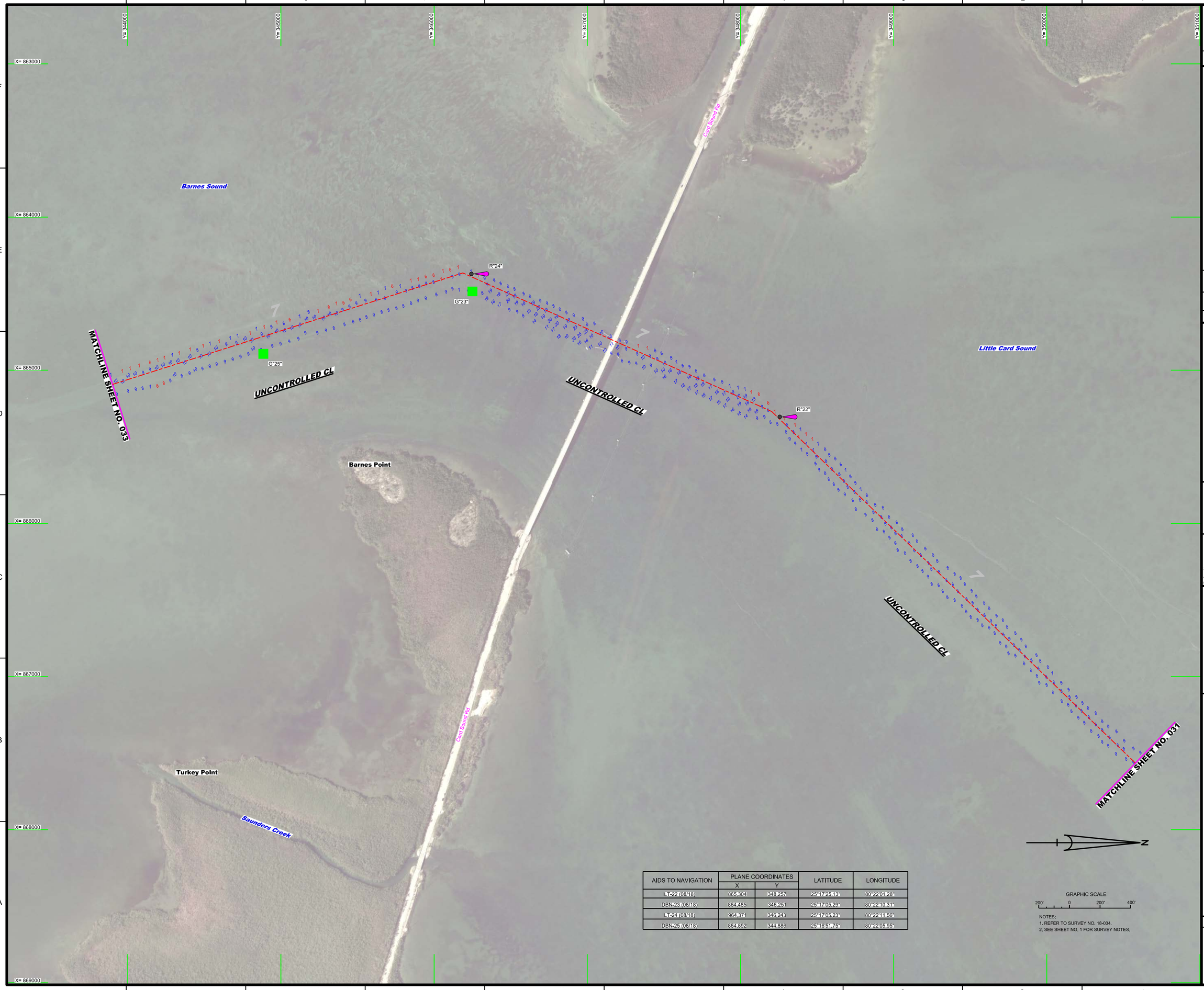
PLAN

Scale: AS SHOWN

Drawing no.

31

SHEET 31 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-22 (08/18)	865,304	348,257	25°17'25.13"	80°22'01.28"
DBN-23 (08/18)	864,485	346,251	25°17'05.29"	80°22'10.31"
LT-24 (08/18)	964,371	346,243	25°17'05.23"	80°22'11.56"
DBN-25 (08/18)	864,892	344,886	25°16'51.75"	80°22'05.95"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. Y912EP-XX-X-XXXX
Date: AUG 2018

Existing Data:
XXXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
18-034-LN-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-2-ES-BRDR.DGN
Reference files:
18-034-VH-032.DGN
File name:
18-034-VH-032.DGN

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

DIW VICINITY OF CARD SOUND
LITTLE CARD SOUND AND BARNES SOUND

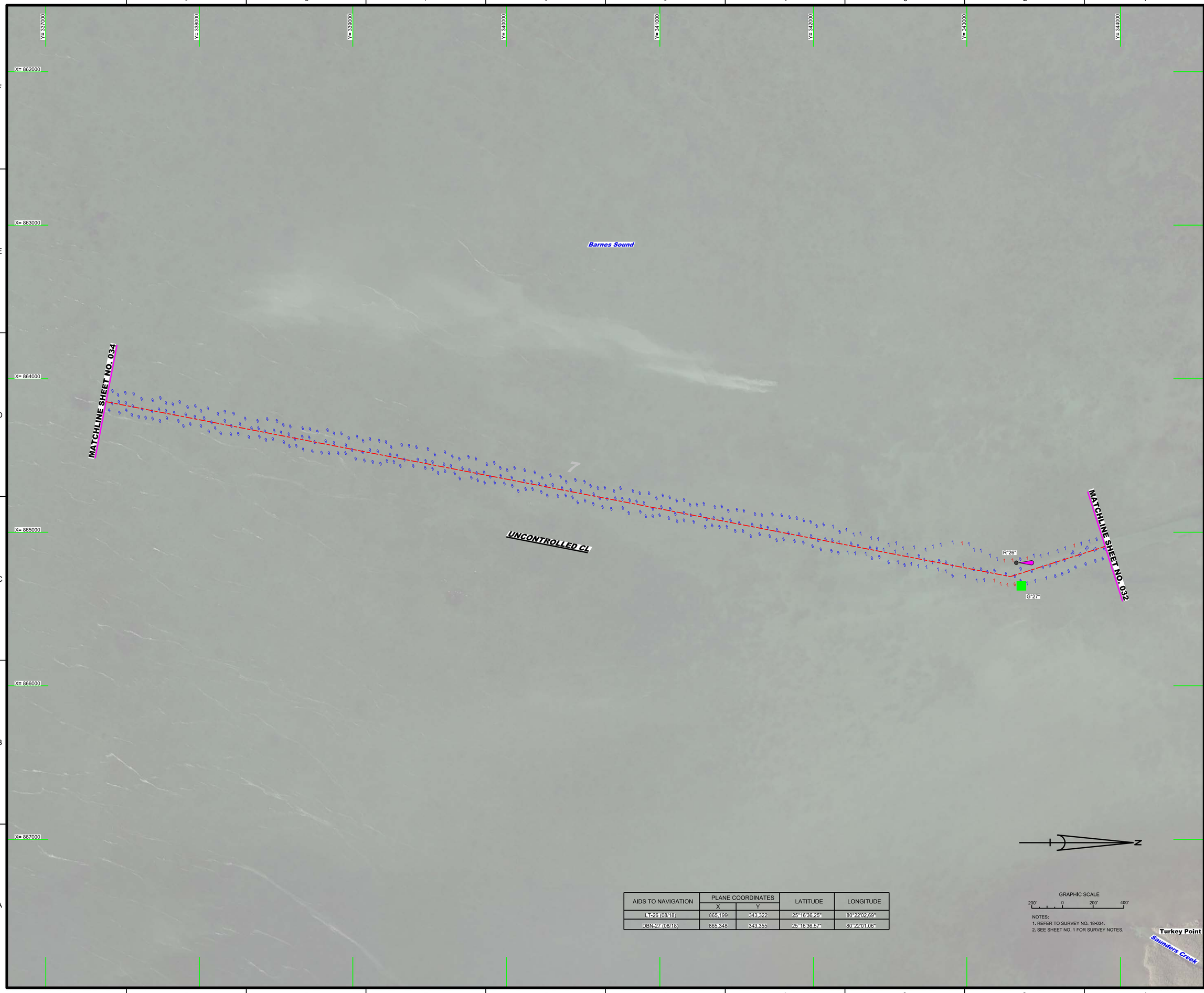
PLAN

Scale: AS SHOWN

Drawing no.

32

SHEET 32 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-26 (08/18)	865,199	343,322	25°16'36.25"	80°22'02.69"
DBN-27 (08/18)	865,348	343,355	25°16'36.57"	80°22'01.06"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V912EP-XX-X-XXXX
Date: AUG 2018

CVXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
18-034-XX-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-X-ESB-BNDR.DGN
Reference files:
18-034-VH033.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BARNES SOUND

PLAN

Scale: AS SHOWN

Drawing no.

33

SHEET 33 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. W912EP-XX-X-XXXX
Date: AUG 2018

X:\XXXXXX-X-XXXX\DGN
X:\XXXXXX-X-XXXX\DGN
X:\XXXXXX-X-XXXX\DGN
X:\XXXXXX-X-XXXX\DGN
X:\XXXXXX-X-XXXX\DGN
18-034-A-SQUALDGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-C-ES-ENDRLDGN
Reference files:
18-034-VH-034.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BARNES SOUND

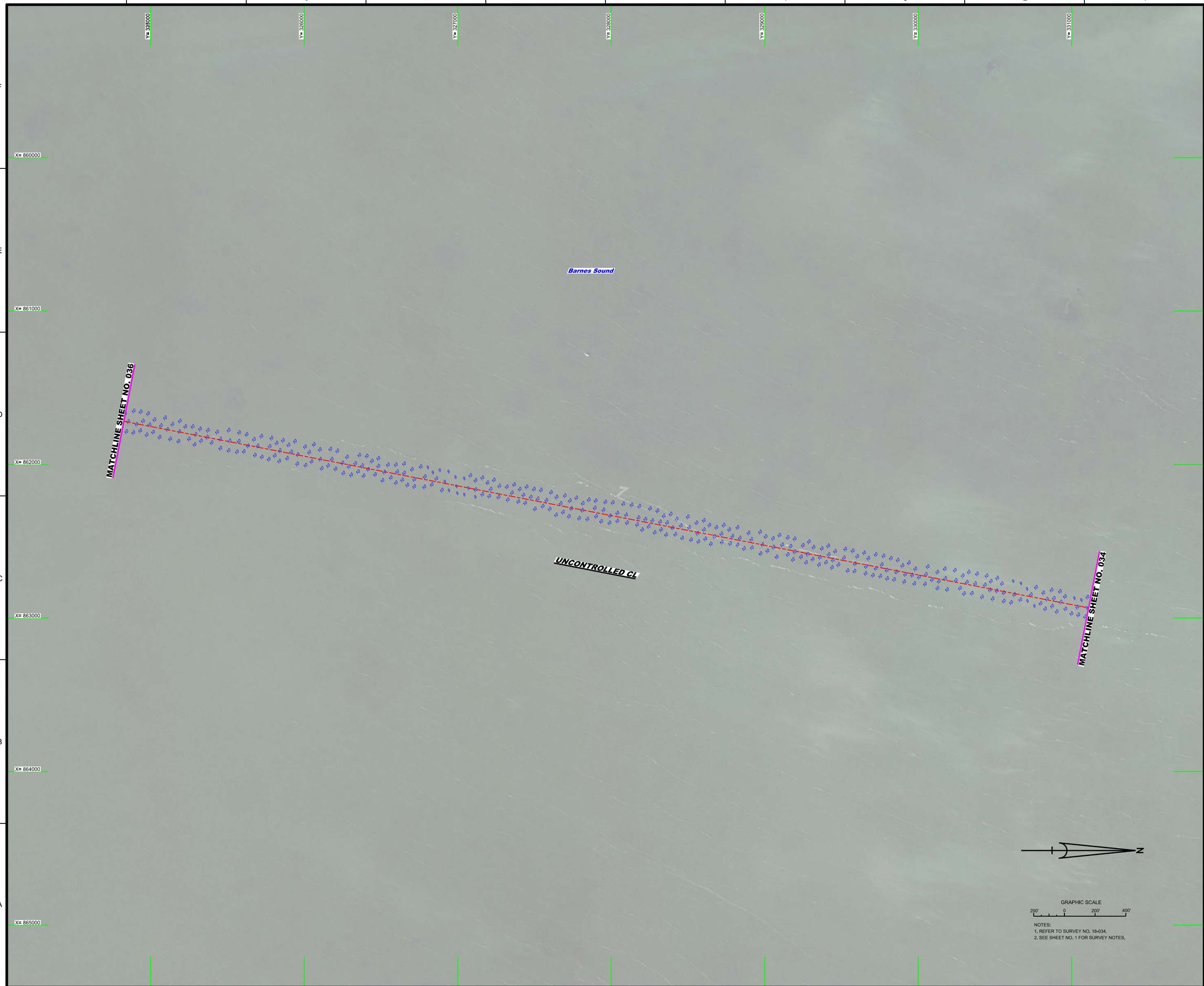
PLAN

Scale: AS SHOWN

Drawing no.

34

SHEET 34 OF 52



NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V9912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
18-034-X-SQUALDGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-2-ES-ENDR.DGN
Reference files:
18-034-VH-035.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BARNES SOUND

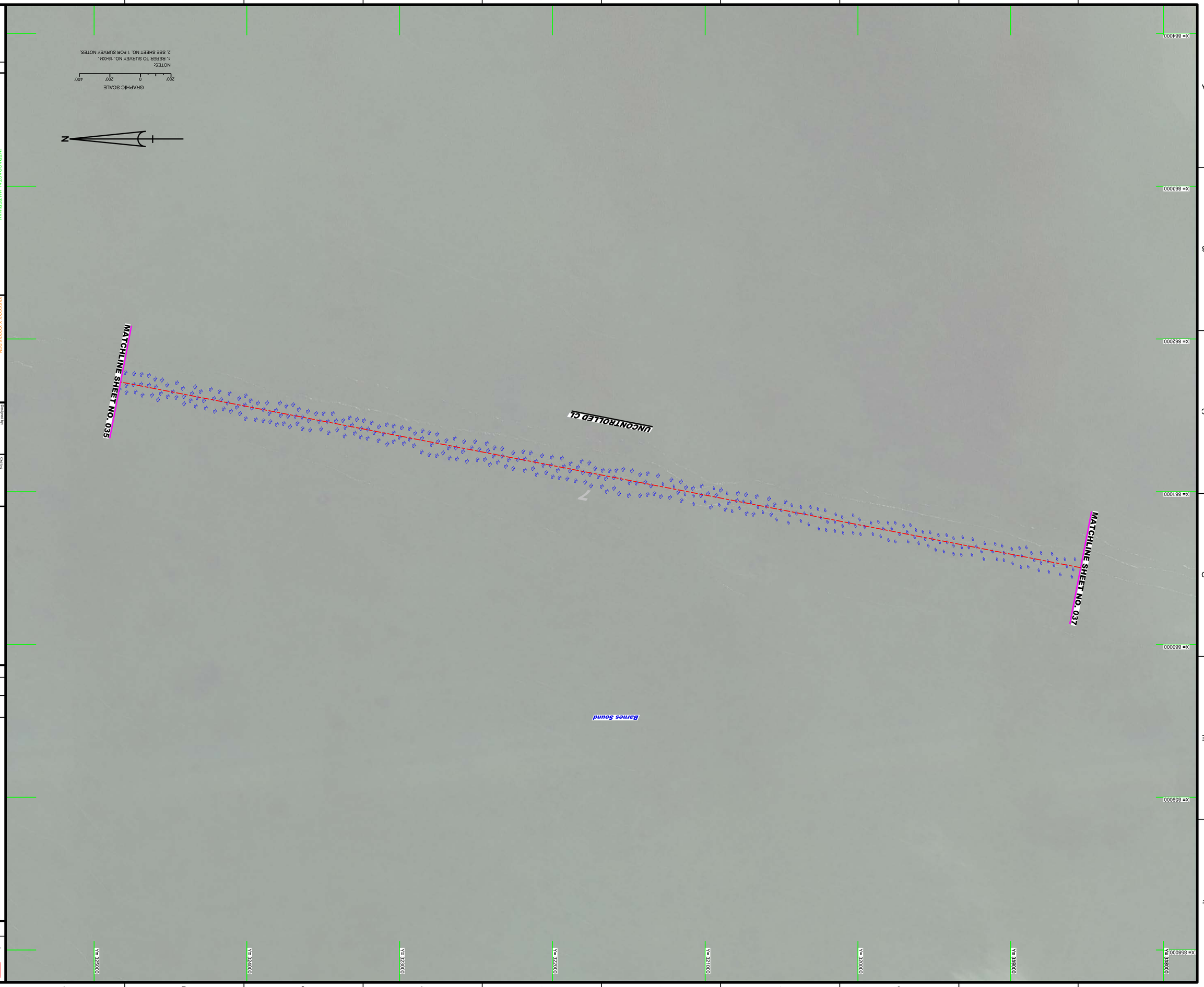
PLAN

Scale: AS SHOWN

Drawing no.

35

SHEET 35 OF 52



NOTES:
1. REFER TO SURVEY NO. 18-034.
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: DJWh
Checked by: GMR
Proj. No.: WS-2EP-XXXXXXX
Date: AUG 2018
Reference files:
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXXXXXX.DGN
18-034A-SOUNDXXXXXXXX.DGN
18-034A-SOUNDXXXXXXXX.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-GEBS-BRDRLDGN
18-034-HYB-039LDGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

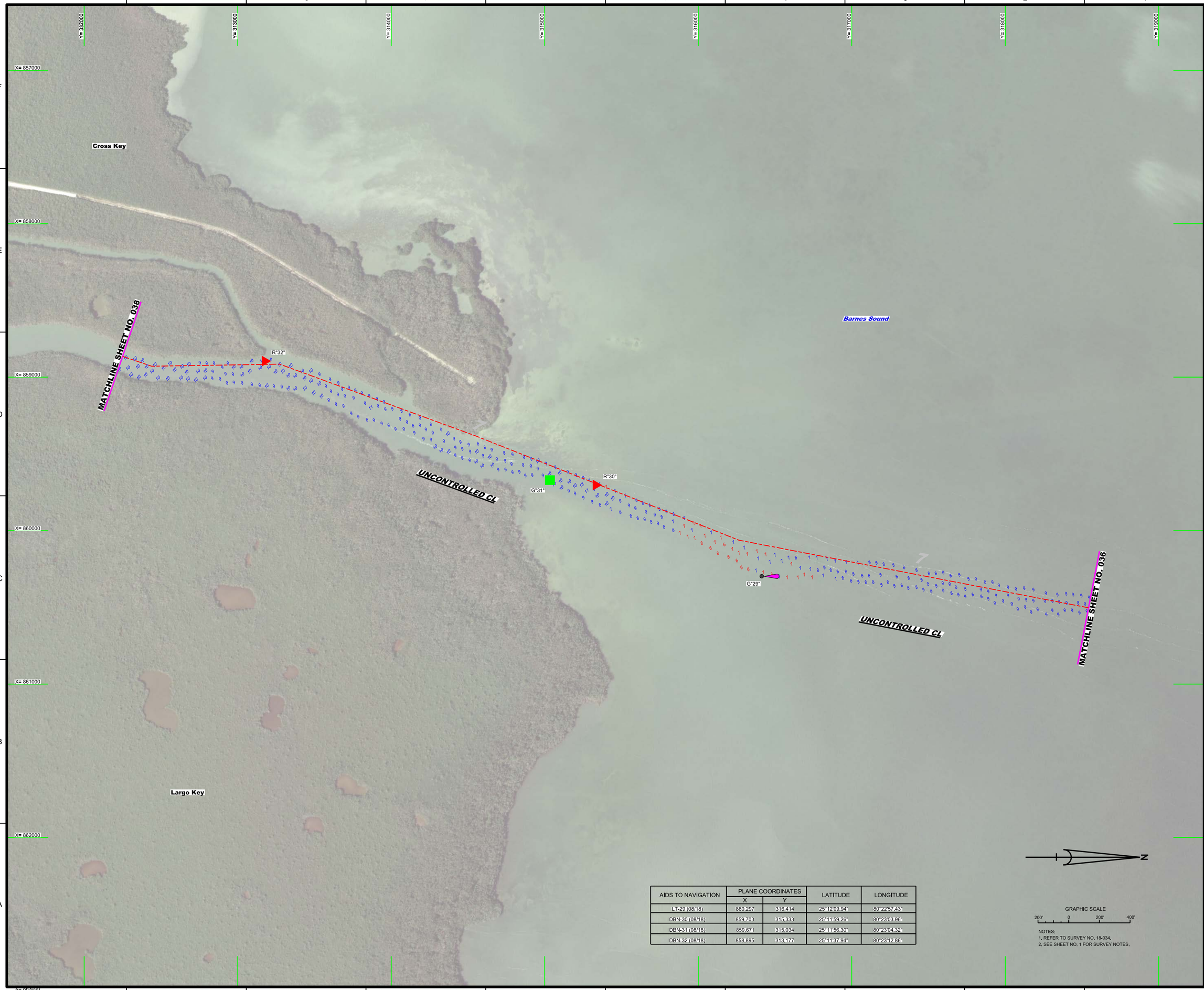
IWW UNCONTROLLED CENTERLINE
BARNES SOUND

PLAN

Scale: AS SHOWN

Drawing no.

36



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-29 (08/18)	860,297	316,414	25°12'09.94"	80°22'57.43"
DBN-30 (08/18)	859,703	315,333	25°11'59.26"	80°23'03.96"
DBN-31 (08/18)	859,671	315,034	25°11'56.30"	80°23'04.32"
DBN-32 (08/18)	858,895	313,177	25°11'37.94"	80°23'12.86"

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXXX-X-XXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
18-034-N-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-P-ESHDR.DGN
Reference files:
18-034-VH-037.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES
XXXXXXXX-X-XXXXX.DGN

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BARNES SOUND

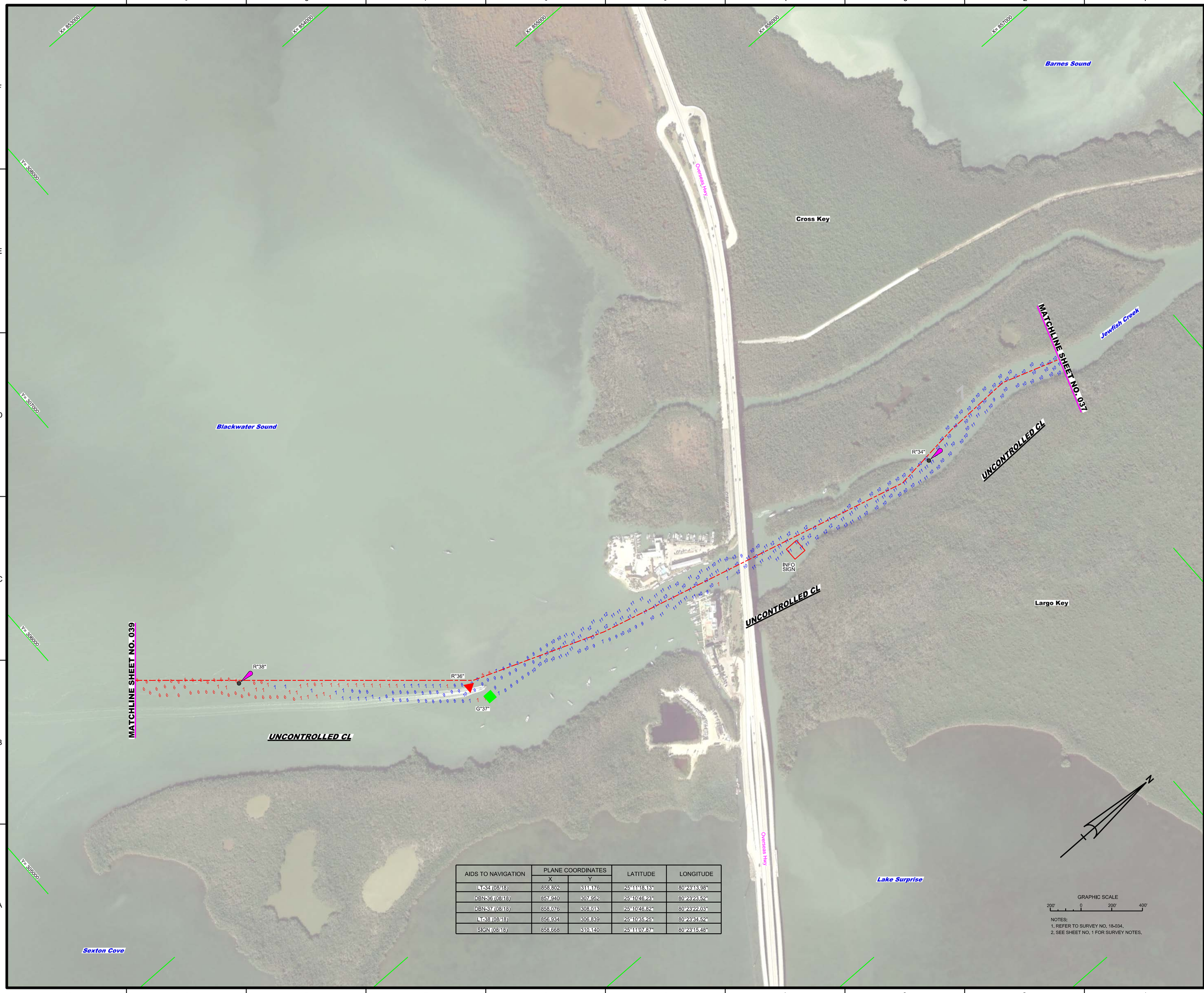
PLAN

Scale: AS SHOWN

Drawing no.

37

SHEET 37 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-34 (08/18)	858,802	311,176	25°11'18.13"	80°23'13.98"
DBN-36 (08/18)	857,940	307,952	25°10'46.23"	80°23'23.52"
DBN-37 (08/18)	858,076	308,013	25°10'46.82"	80°23'22.03"
LT-38 (08/18)	856,934	306,839	25°10'35.25"	80°23'34.52"
SIGN (08/18)	858,668	310,140	25°11'07.87"	80°23'15.48"

NOTES:
1. REFER TO SURVEY NO. 18-034.
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: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. V9123EP-XX-X-XXXX
Date: AUG 2018

LOCKXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
18-034-N-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
19-034-P-ESHRDR.DGN
Reference files:
18-034-VHK038.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

DIW VARIOUS PROJECTS
JEWFISH CREEK AND BLACKWATER SOUND

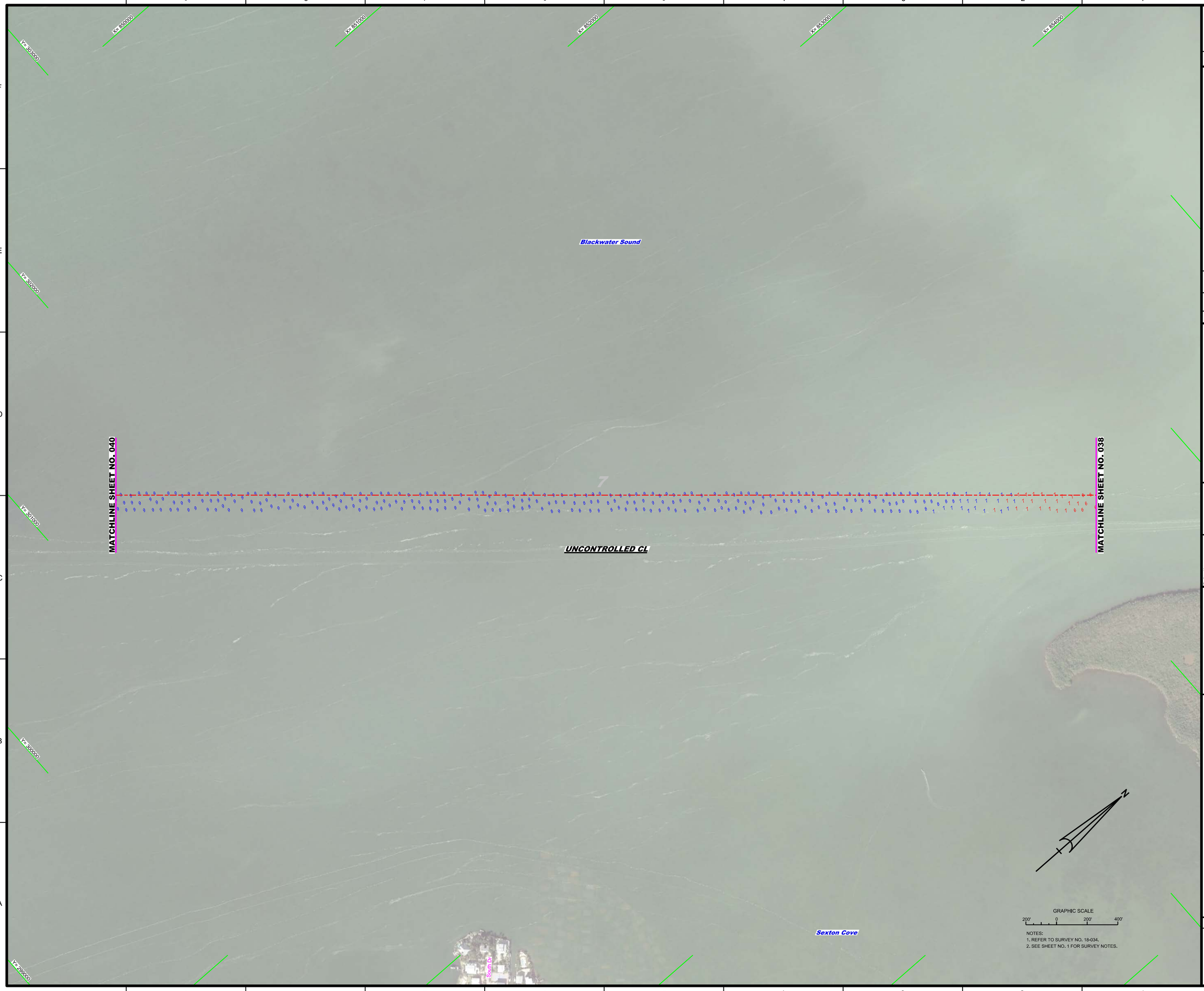
PLAN

Scale: AS SHOWN

Drawing no.

38

SHEET 38 OF 52



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. V913EP-XX-XX-XXXX
Dates: AUG 2018

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
18-034-A-SQN.DGN
INTERIM_MIAMI TO KEY WEST__DGN
18-034-C-BS-BRGR.DGN
Reference files
18-034-HH-039.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE
BLACKWATER SOUND

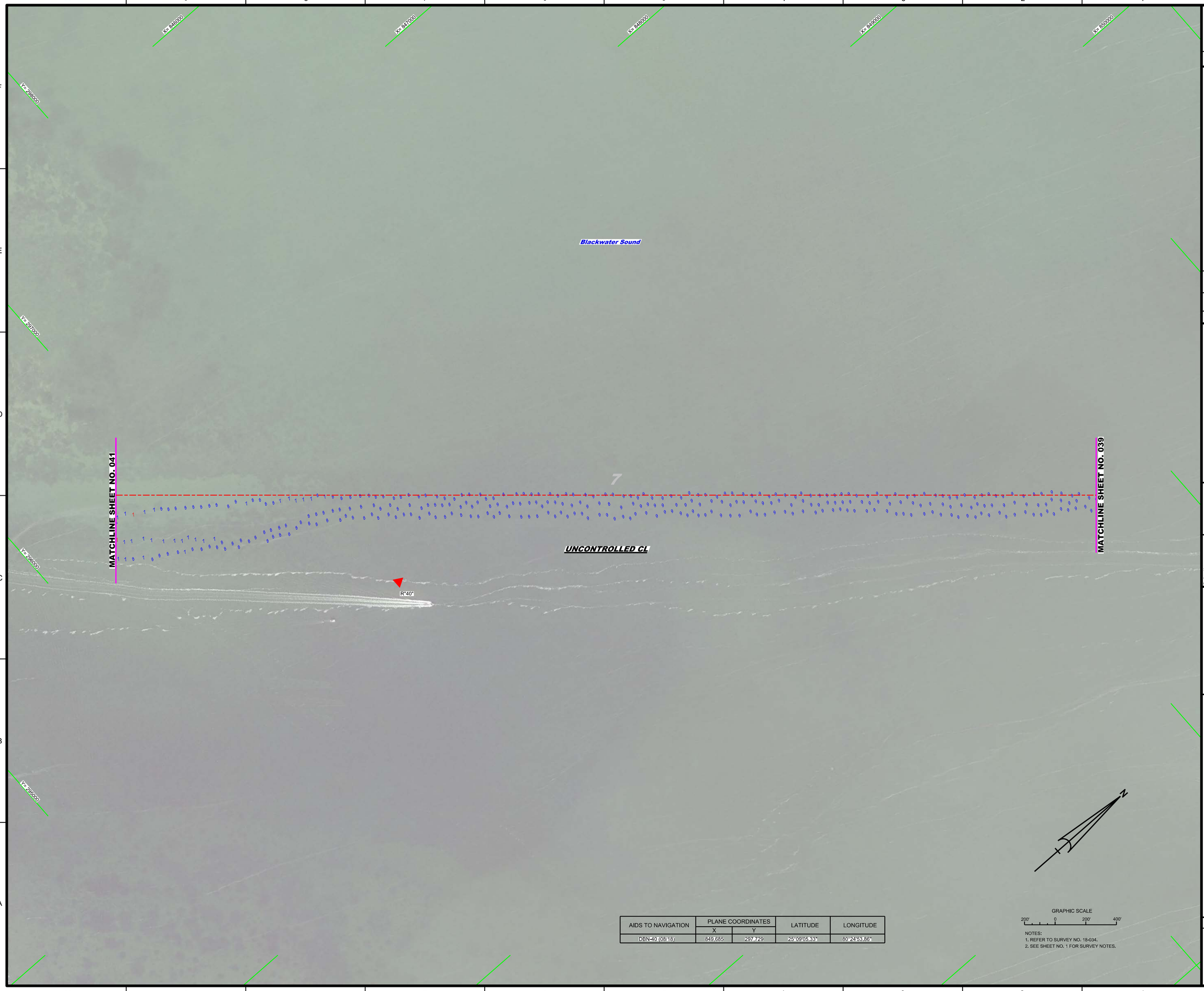
PLAN

Scale: AS SHOWN

Drawing no.

39

SHEET 39 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-40 (08/18)	849,685	297,729	25°09'05.33"	80°24'53.86"

NOTES:
1. REFER TO SURVEY NO. 18-034.
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: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. W912EP-XX-X-XXXX
Date: AUG 2018

I:\XXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
18-034-N-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-C-BS-BRDR.DGN
Reference files:
18-034-VHD40.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

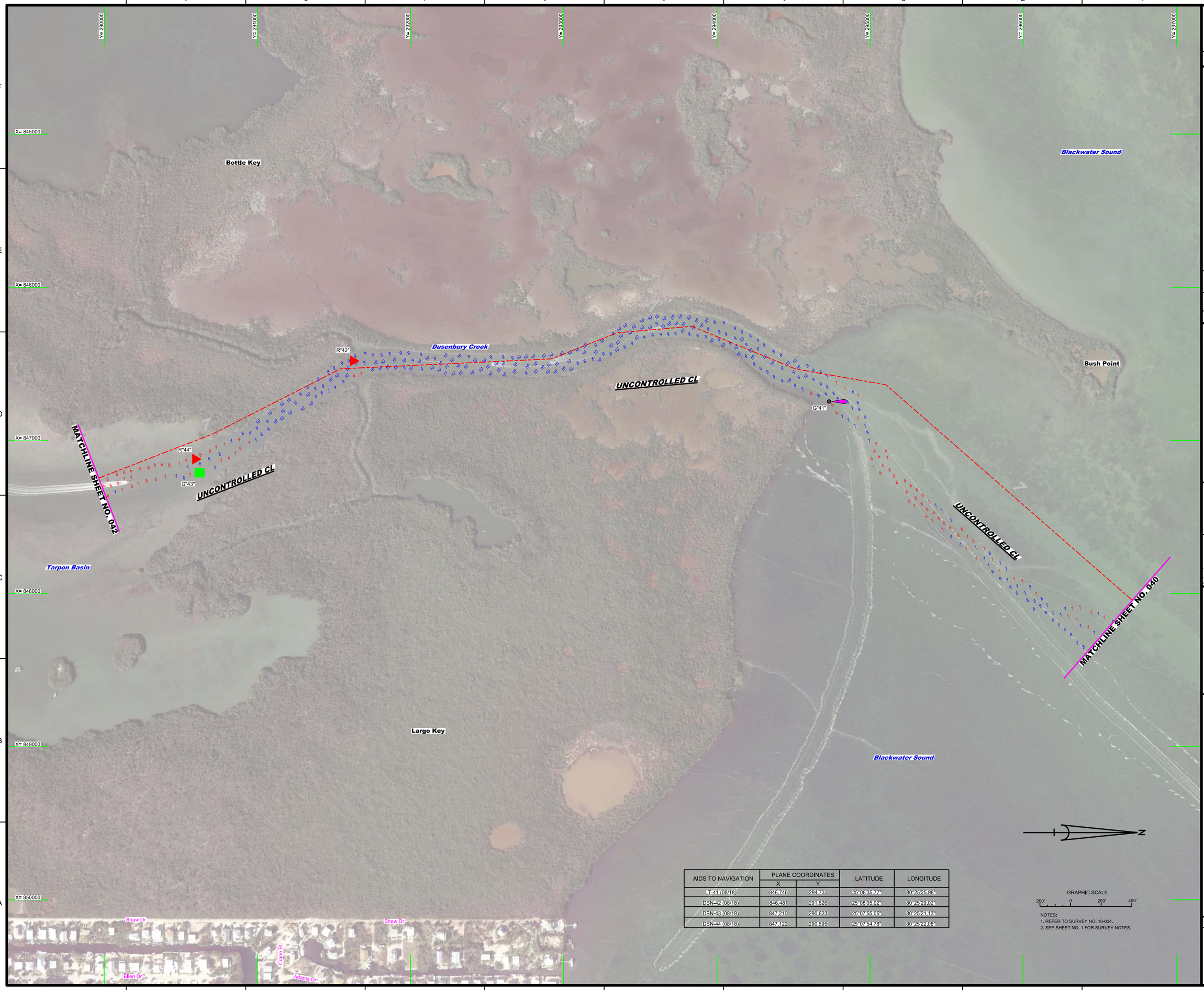
HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CENTERLINE
BLACKWATER SOUND

PLAN

Scale: AS SHOWN

Drawing no.
40

SHEET 40 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-41 (08/18)	846,746	294,733	25°08'35.77"	80°25'25.98"
DBN-42 (08/18)	846,481	291,626	25°08'05.02"	80°25'29.02"
DBN-43 (08/18)	847,210	290,623	25°07'55.05"	80°25'21.13"
DBN-44 (08/18)	847,122	290,595	25°07'54.78"	80°25'22.08"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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
Prj. No. V91/25P>XX>X>XXXX
Date: AUG 2018

XX>XX>XX>XXXXXX.DGN
XXXXXXXX>XXXXXXXX.DGN
XXXXXXXX>XXXXXXXX.DGN
XXXXXXXX>XXXXXXXX.DGN
XXXXXXXX>XXXXXXXX.DGN
18>034>MASOUN.DGN
INTERIM_MIAMI TO KEY WEST ...DGN
19>034>OABS>BRDR.DGN
Reference files:
18>034>VH>041.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

INTERIM MIAMI TO KEY WEST
BLACKWATER SOUND AND DUSENBURY CREEK

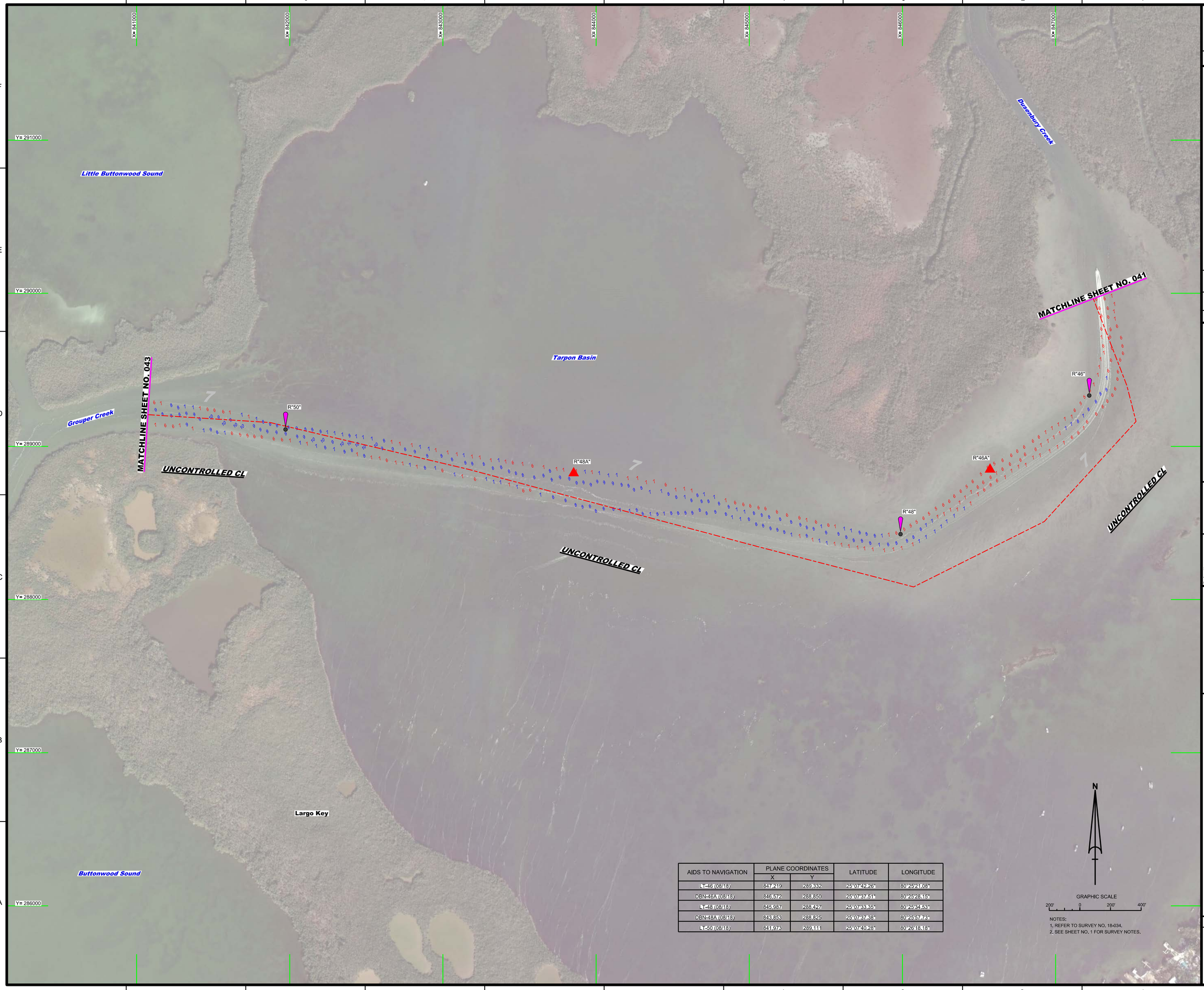
PLAN

Scale: AS SHOWN

Drawing no.

41

SHEET 41 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-46 (08/18)	847,219	289,332	25°07'42.26"	80°25'21.08"
DBN-46A (08/18)	846,572	288,850	25°07'37.51"	80°25'28.15"
LT-48 (08/18)	845,987	288,427	25°07'33.35"	80°25'34.53"
DBN-48A (08/18)	843,853	288,825	25°07'37.38"	80°25'57.73"
LT-50 (08/18)	841,973	289,111	25°07'40.28"	80°26'18.18"

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-XX-XXXX
Date: AUG 2018

X:\XXXXXXXX-XXXXX.DGN
XXXXXXXXX-XXXXX.DGN
XXXXXXXXX-XXXXX.DGN
XXXXXXXXX-XXXXX.DGN
XXXXXXXXX-XXXXX.DGN
18-034-A-SOUN.DGN
INTERIM_MIAMI TO KEY WEST__DGN
18-034-C-BS-BROR.DGN
Reference files:
18-034-A-H-K12.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
TARPON BASIN

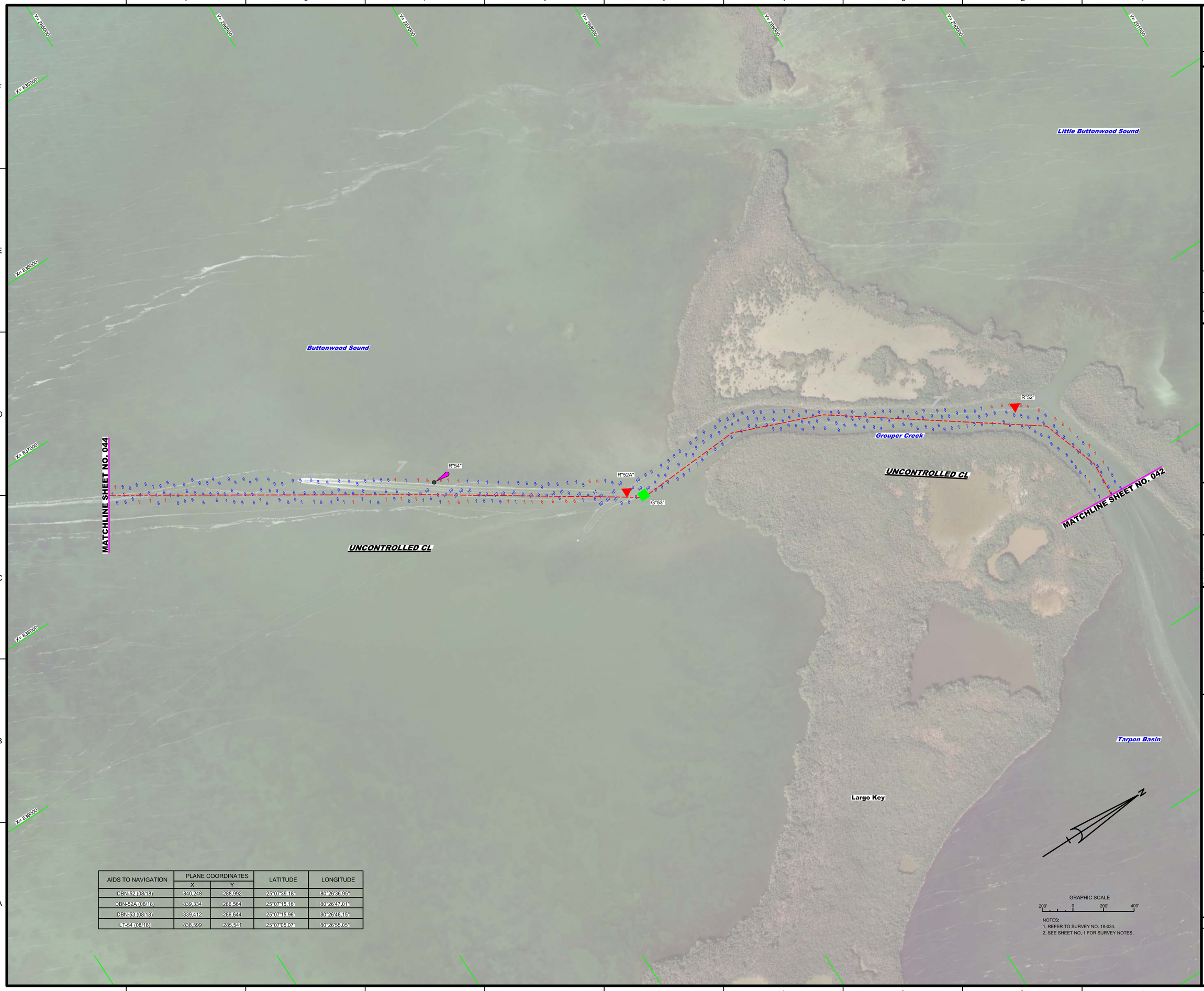
PLAN

Scale: AS SHOWN

Drawing no.

42

SHEET 42 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-52 (08/18)	840,248	288,992	25°07'39.18"	80°26'36.95"
DBN-52A (08/18)	839,334	286,564	25°07'15.16"	80°26'47.01"
DBN-53 (08/18)	839,412	286,644	25°07'15.96"	80°26'46.15"
LT-54 (08/18)	838,599	285,541	25°07'05.07"	80°26'55.05"

NOTES:
1. REFER TO SURVEY NO. 18-034.
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
Trv. No. W912EP-XX-C-XXXX
Date: AUG 2018

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
18-034-A-XX-XXXX
18-034-A-SOLN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-C-BS-BRDR.DGN
Reference files
18-034-H-043.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES
HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT
IWW UNCONTROLLED CREEK LINE
GROUPER CREEK AND BUTTONWOOD SOUND
PLAN

Scale: AS SHOWN

Drawing no.
43

SHEET 43 OF 52

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-X-XXXX
Date: AUG 2018

LX:\XX-XX-X-XXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
18-034-X-SOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-2-ES-SHDR.DGN
Reference files:
File name: 18-034-VHH44.DGN

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
BUTTONWOOD SOUND

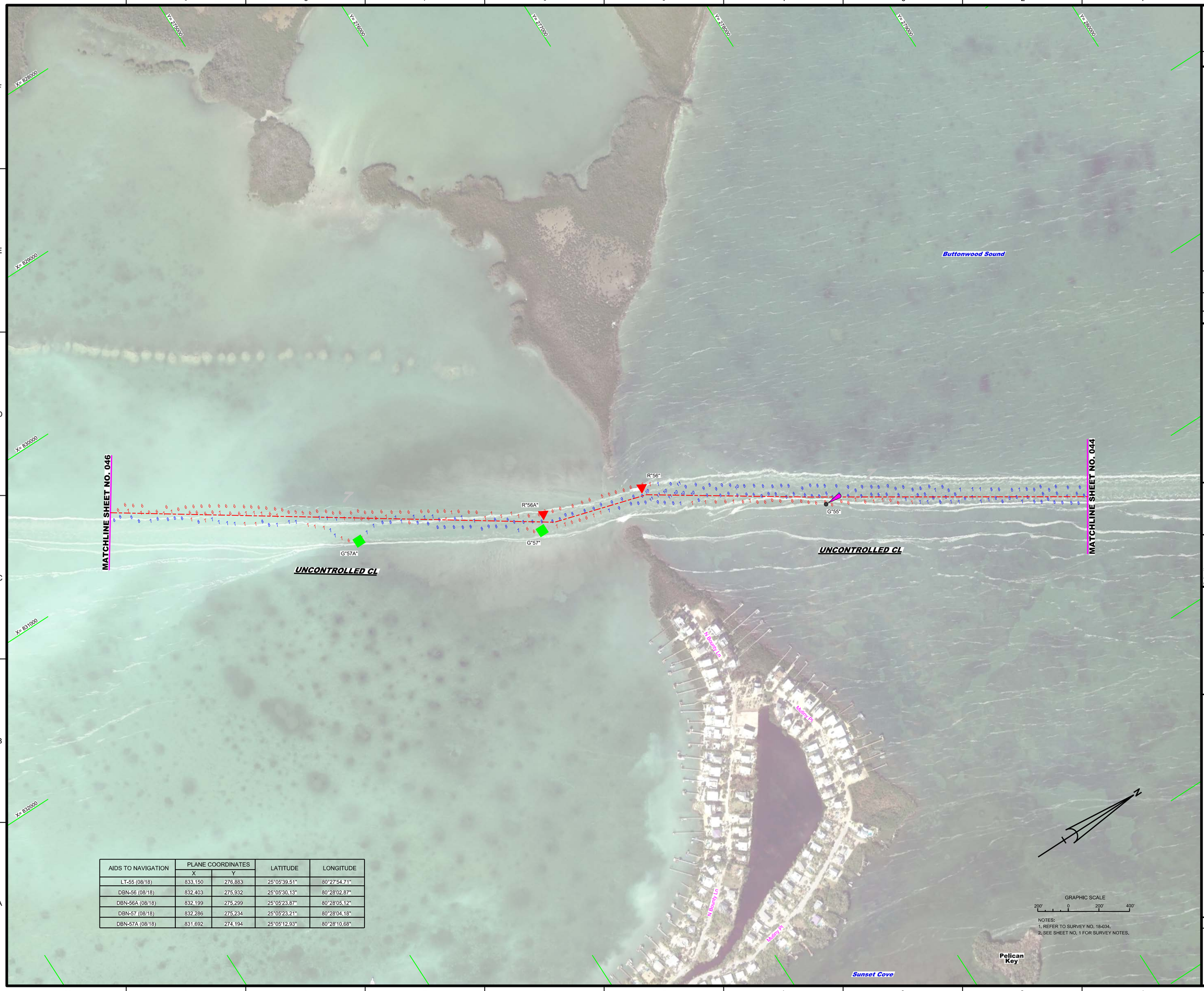
PLAN

Scale: AS SHOWN

Drawing no.

44

SHEET 44 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-55 (08/18)	833,150	276,883	25°05'39.51"	80°27'54.71"
DBN-56 (08/18)	832,403	275,932	25°05'30.13"	80°28'02.87"
DBN-56A (08/18)	832,199	275,299	25°05'23.87"	80°28'05.12"
DBN-57 (08/18)	832,286	275,234	25°05'23.21"	80°28'04.18"
DBN-57A (08/18)	831,692	274,194	25°05'12.93"	80°28'10.68"

NOTES:
1. REFER TO SURVEY NO. 18-034.
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
Inv. No. W912EP-XX-X-XXXX
Dates: AUG 2018

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
18-034A-XXXXX.DGN
18-034A-SQUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034C-BS-BRDR.DGN
References files:
18-034A-PHOS.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW CONTROLLED CENTERLINE
BUTTONWOOD SOUND

PLAN

Scale: AS SHOWN

Drawing no.

45

SHEET 45 OF 52

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-58 (08/18)	830,037	272,118	25°04'52.43"	80°28'28.77"
DBN-58A (08/18)	827,093	270,328	25°04'38.82"	80°29'00.88"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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
Inv. No.: W912EP-XX-C-XXXX
Date: AUG 2018

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XXXXXXXXXXXXXXXXXXXX.DGN
18-034-A-XXXXXXXX.DGN
18-034-A-SOLN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-C-BS-BRDR.DGN
Reference files:
18-034-VH-046.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CHANNEL LINE
VICINITY OF KEY LARGO

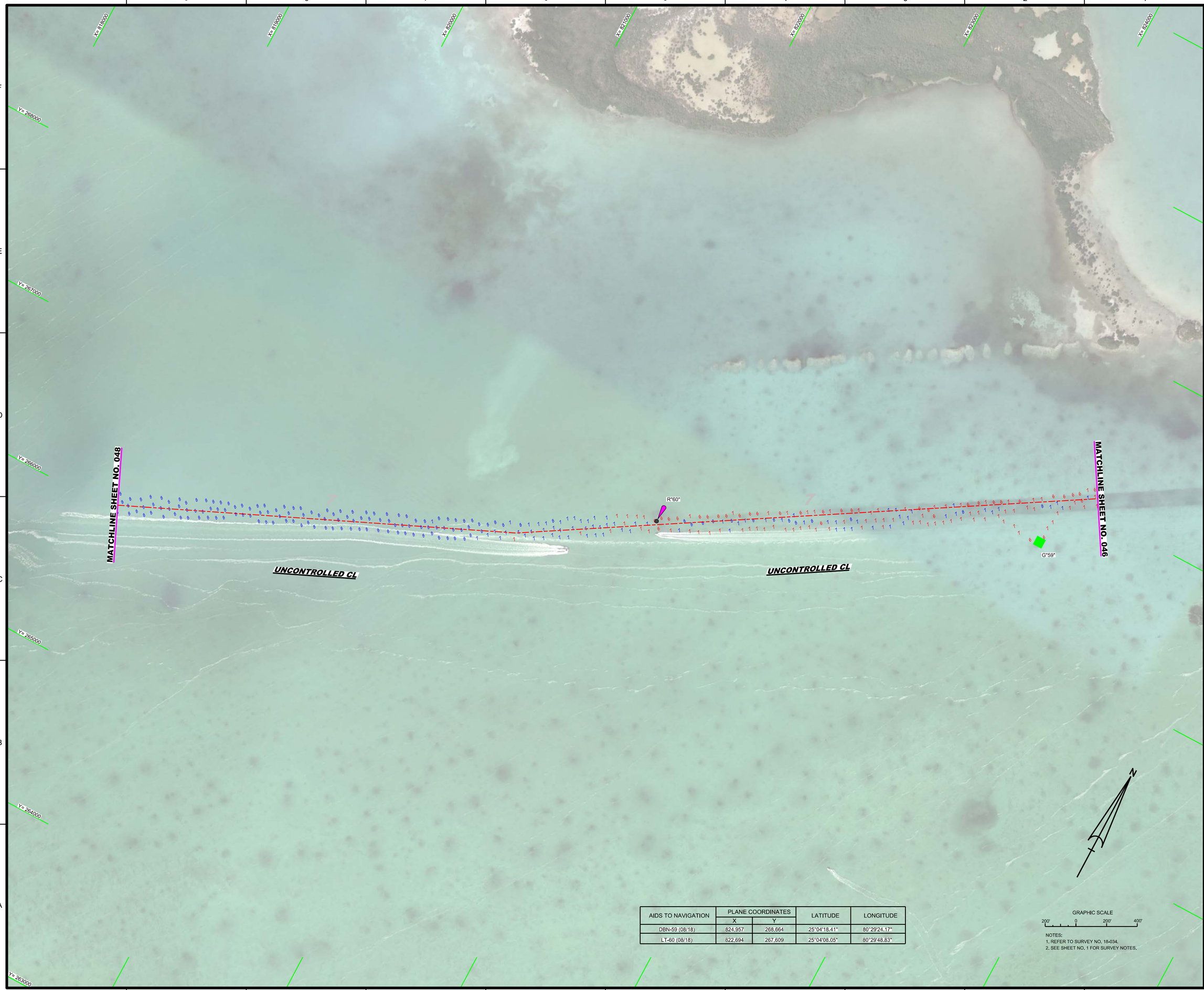
PLAN

Scale: AS SHOWN

Drawing no.

46

SHEET 46 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-59 (08/18)	824,957	268,664	25°04'18.41"	80°29'24.17"
LT-60 (08/18)	822,694	267,609	25°04'08.05"	80°29'48.83"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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
Inv. No.: W912EP-XX-X-XXX
Dated: AUG 2018

XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
XXXXXXXX-XXXXXXX.DGN
18-034-A-XX-XXX
18-034-SOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-C-BS-BRDR.DGN
Reference files:
18-034-VPH-047.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

NW VIGORITE TO OFFSHORE PIPELINE
VICINITY OF PIGEON KEY

PLAN

Scale: AS SHOWN

Drawing no.

47

SHEET 47 OF 52

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-61 (08/18)	814,845	263,668	25°03'29.29"	80°31'14.34"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. V912EP-XX-X-XXXX
Date: AUG 2018

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XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
XXXXXXXX-X-XXXXX.DGN
18-034-X-SOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-C-ES-BRDR.DGN
Reference files:
18-034-VH-048.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
VICINITY OF PIGEON KEY

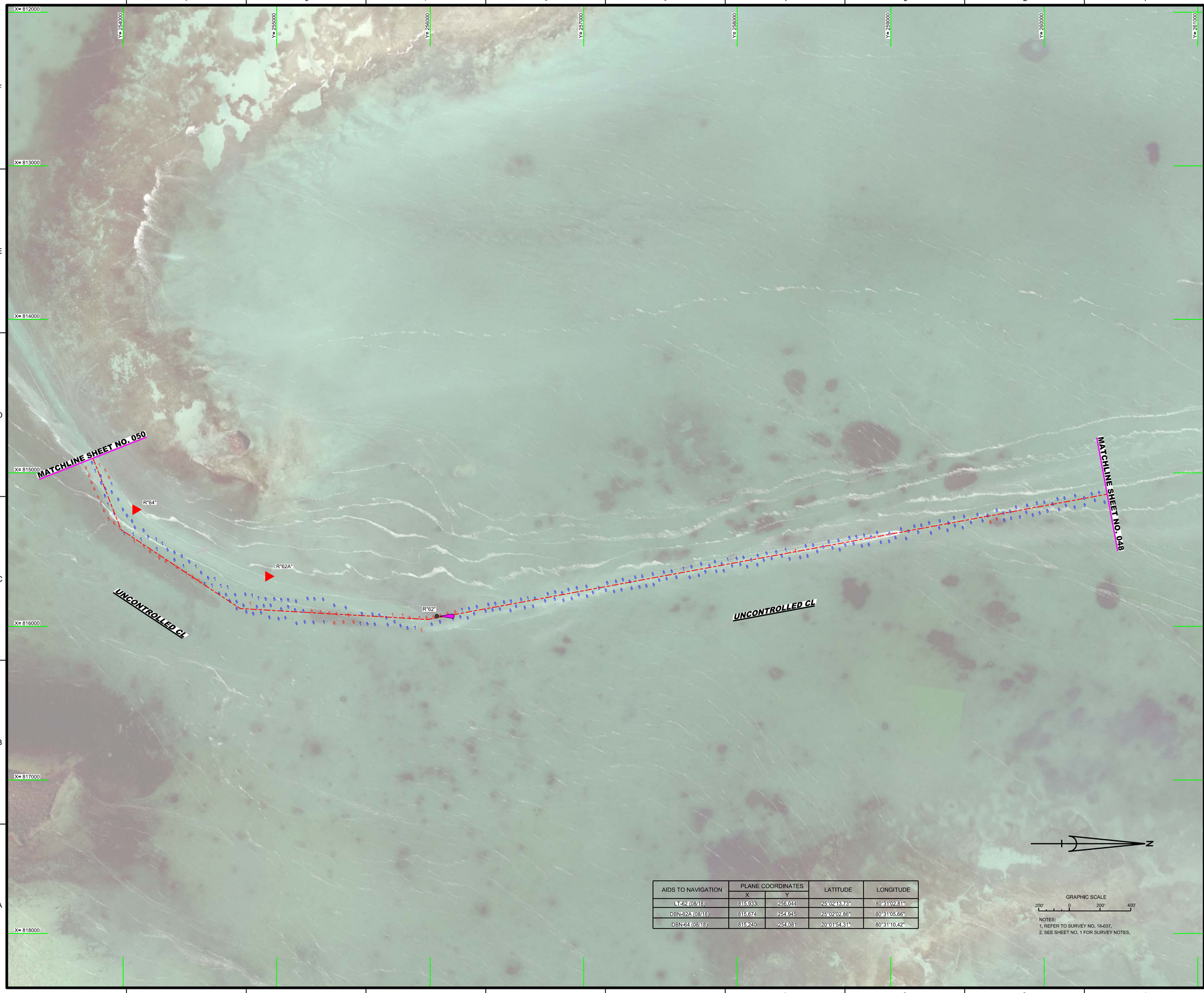
PLAN

Scale: AS SHOWN

Drawing no.

48

SHEET 48 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-52 (08/18)	815,933	256,044	25°02'13.73"	80°31'02.81"
DBN-62A (08/18)	815,674	254,945	25°02'02.86"	80°31'05.66"
DBN-64 (08/18)	815,240	254,081	20°01'54.31"	80°31'10.42"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-037.
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: CMR
Designed by: VIRM
DWN by: VIRM
Rev. No. W912EP-XX-X-XXXX
Date: AUG 2018

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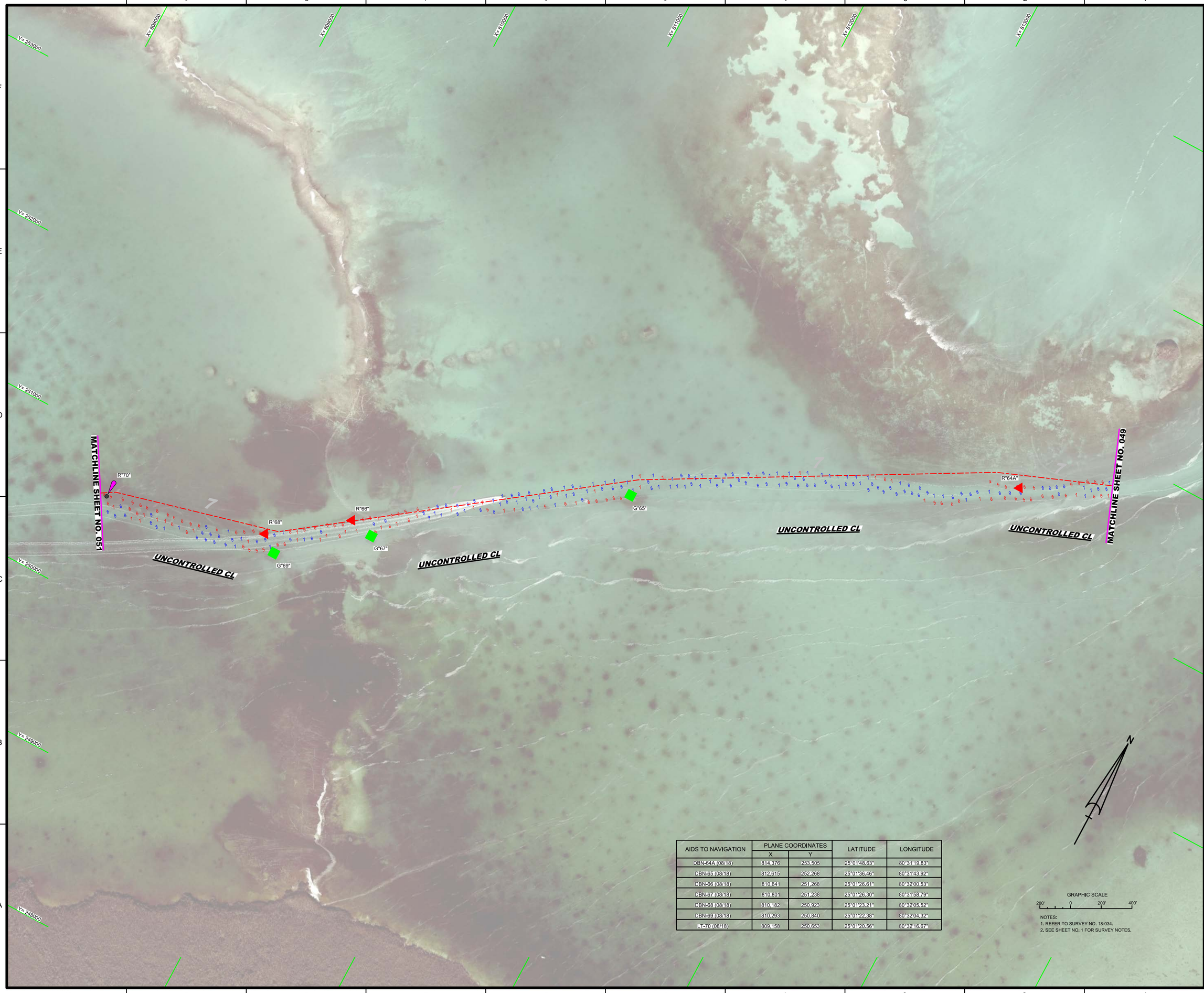

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
DBN-64A (08/18)	814,376	253,505	25°01'48.63"	80°31'19.83"
DBN-65 (08/18)	812,615	252,268	25°01'36.46"	80°31'43.92"
DBN-66 (08/18)	810,641	251,268	25°01'26.61"	80°32'00.53"
DBN-67 (08/18)	810,801	251,238	25°01'26.30"	80°31'58.79"
DBN-68 (08/18)	810,182	250,923	25°01'23.21"	80°32'05.52"
DBN-69 (08/18)	810,293	250,840	25°01'22.38"	80°32'04.32"
LT-70 (08/18)	809,158	250,653	25°01'20.56"	80°32'16.67"

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. W912EP-XX-X-XXXX
Date: AUG 2018

X:\XXXXXXX-X-XXXX.DGN
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XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
18-034-AV-SOUND.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-CES-BRDR.DGN
Reference files:
18-034-VH050.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO SNAKE CREEK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED WATER LINE
VICINITY OF LAT. 25°01'20" LONG. 80°32'16" NEAR

PLAN

Scale: AS SHOWN

Drawing no.

50

SHEET 50 OF 52

AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-71 (08/18)	805,824	248,393	25°00'58.29"	80°32'53.00"

GRAPHIC SCALE

200' 0 200' 400'

NOTES:
1. REFER TO SURVEY NO. 18-034.
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

10

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

Designed by: WRM
DWN by: WRM
Ckd by: GMR
Proj. No. V913EP-XX-XX-XXXX
Date: AUG 2018

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XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
18-034-A-SOUN.DGN
INTERIM_MIAMI TO KEY WEST__DGN
18-034-C-BS-BROR.DGN
Reference files
18-034-HH-051.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO KEY WEST, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

IWW UNCONTROLLED CENTERLINE
VICINITY OF TAVERNIER

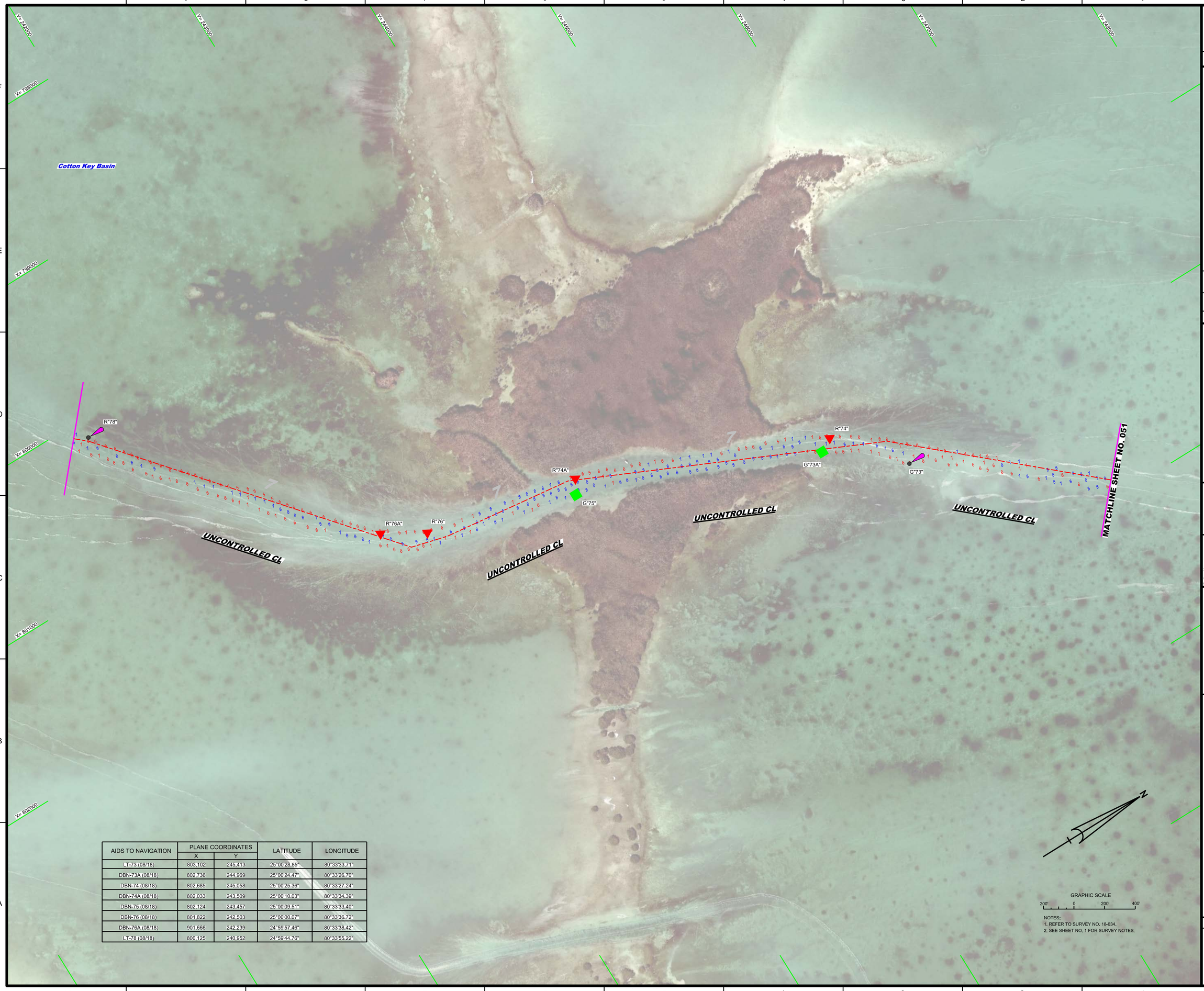
PLAN

Scale: AS SHOWN

Drawing no.

51

SHEET 51 OF 52



AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
	X	Y		
LT-73 (08/18)	803,102	245,413	25°00'28.85"	80°33'33.71"
DBN-73A (08/18)	802,736	244,969	25°00'24.47"	80°33'26.70"
DBN-74 (08/18)	802,685	245,058	25°00'25.36"	80°33'27.24"
DBN-74A (08/18)	802,033	243,509	25°00'10.03"	80°33'34.39"
DBN-75 (08/18)	802,124	243,457	25°00'09.51"	80°33'33.40"
DBN-76 (08/18)	801,822	242,503	25°00'00.07"	80°33'36.72"
DBN-76A (08/18)	901,666	242,239	24°59'57.46"	80°33'38.42"
LT-78 (08/18)	800,125	240,952	24°59'44.76"	80°33'55.22"

NOTES:
1. REFER TO SURVEY NO. 18-034.
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. W912EP-XX-X-XXXX
Date: AUG 2018

LX:XXXXXXX-X-XXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
XXXXXXXXX-XXXXXXX.DGN
18-034-N-SOUN.DGN
INTERIM_MIAMI TO KEY WEST....DGN
18-034-P-BS-BRDR.DGN
Reference files:
18-034-VHS52.DGN
File name:

INTRACOASTAL WATERWAY
MIAMI TO CROSS BANK, FLORIDA
DADE AND MONROE COUNTIES

HYDROGRAPHIC EXAM SURVEY FY18
7-FOOT PROJECT

BY 7-FOOT CONTOUR LINE
VICINITY OF CROSS BANK AND PLANTATION KEY

PLAN

Scale: AS SHOWN

Drawing no.

52

SHEET 52 OF 52