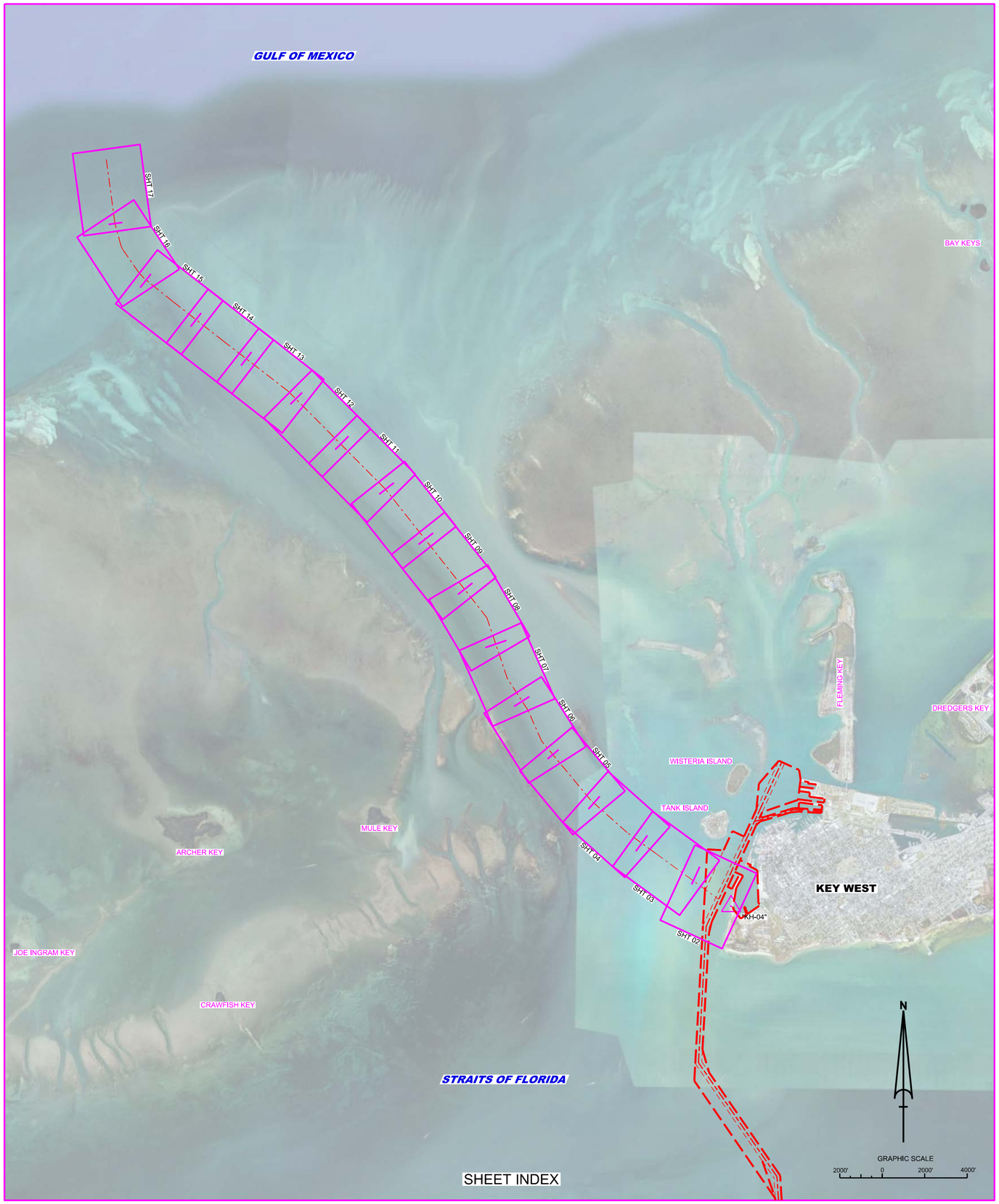


LOCATION MAP

KEY WEST HARBOR NORTHWEST CHANNEL MONROE COUNTY, FLORIDA PROJECT CONDITION SURVEY FY23 17-FOOT PROJECT

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

SURVEY NOTES

1. REFER TO SURVEY NO. 23-140.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) TIDAL DATUM.
3. TIDAL REDUCTIONS WERE OBTAINED UTILIZING REAL-TIME KINEMATIC (RTK) GPS AND REFERENCED TO MLLW UTILIZING A HYPACK KINEMATIC TIDE DATUM (KTD) MODEL. KTD FILE NAME IS: "BROWARD-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 THE CURRENT REALIZATION OF THE NORTH AMERICAN DATUM OF 1983 (NAD83), BASED ON THE NOAA NATIONAL SPATIAL REFERENCE SYSTEM (NSRS).
6. 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 872-4580, KEY WEST, FLORIDA (PID: AA1753)
7. THIS SURVEY WAS PERFORMED USING REAL-TIME KINEMATIC (RTK) GPS POSITIONING WITH THE FOLLOWING REFERENCE BASE LOCATION:

   REFERENCE BASE LOCATED AT "KH-04" (PID: BBCF03)
8. VERTICAL MEASUREMENTS WERE MADE USING A R2SONIC 2026 MULTI-BEAM SYSTEM OPERATING AT 240 KHZ AND A ROSS SMART SOUNDER 835C DUAL-FREQUENCY SOUNDER WITH A 28/200 KHZ SINGLE-BEAM TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SB-52	24 AUG 2023	NORTHWEST CHANNEL
SB-52	25 AUG 2023	NORTHWEST CHANNEL, USCG AREA OF INTEREST

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 AND EM 1110-2-6056, STANDARDS AND PROCEDURES FOR REFERENCING PROJECT ELEVATION GRADES TO NATIONWIDE VERTICAL DATUMS, 30 NOV 2013.

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
Cad by: GMR
DWN by: WRM
Inv. No. W912EP-XX-X-XXXX
Date: AUG 2023

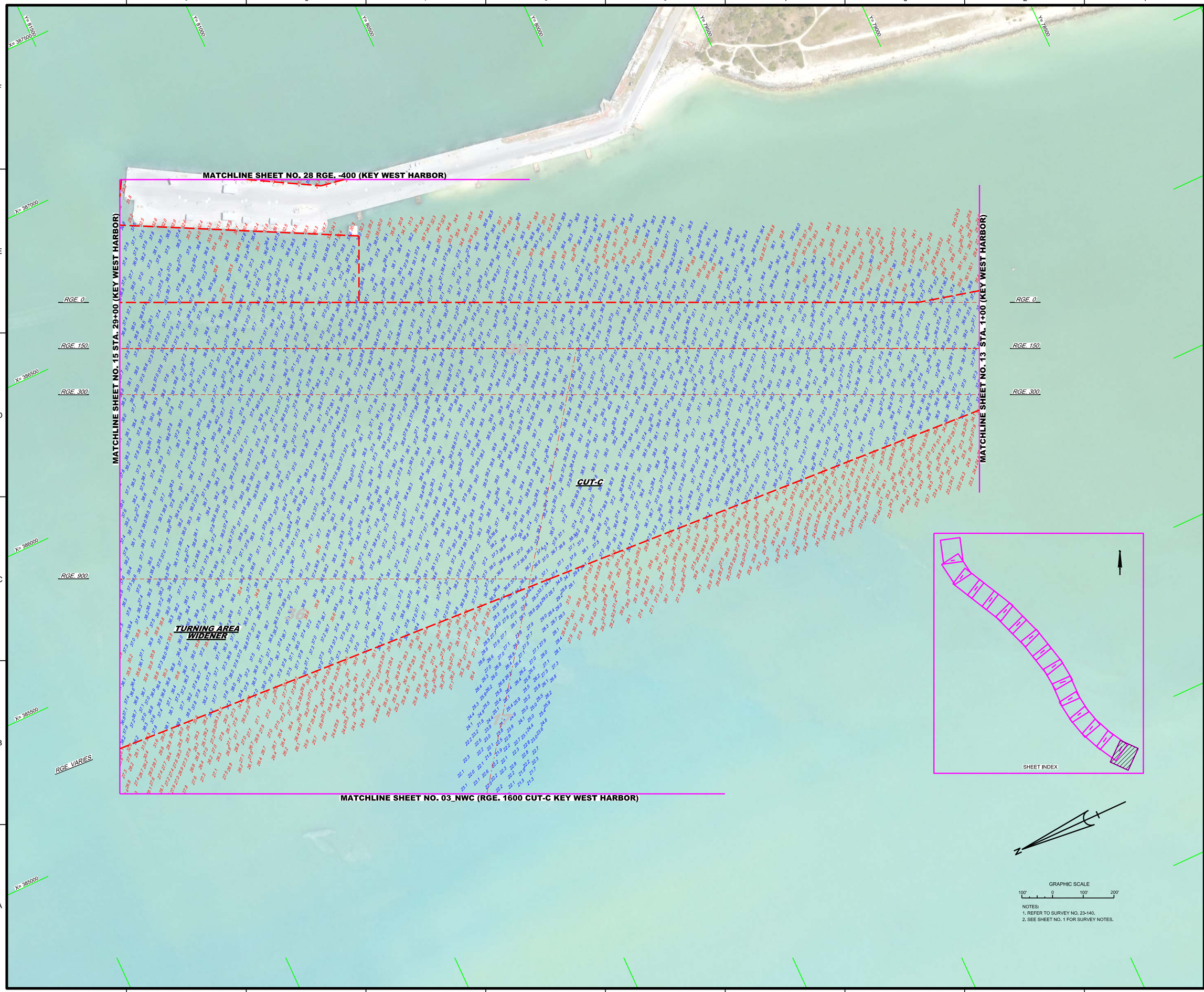
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
XXXXXXXX-XXXXXXXX.DGN
KEY WEST HARBOR-C-NWC.DGN
KWH_CHW.DGN
KEY WEST HARBOR/C-NGM/CC-SOW-3D.DGN
23-140-PH-001_NWC.DGN
Reference files:
23-140-PH-001_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL
PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 17



NOTES:
1. REFER TO SURVEY NO. 23-140.
2. SEE SHEET NO. 1 FOR SURVEY NOTES.

US Army Corps of Engineers
Jacksonville District

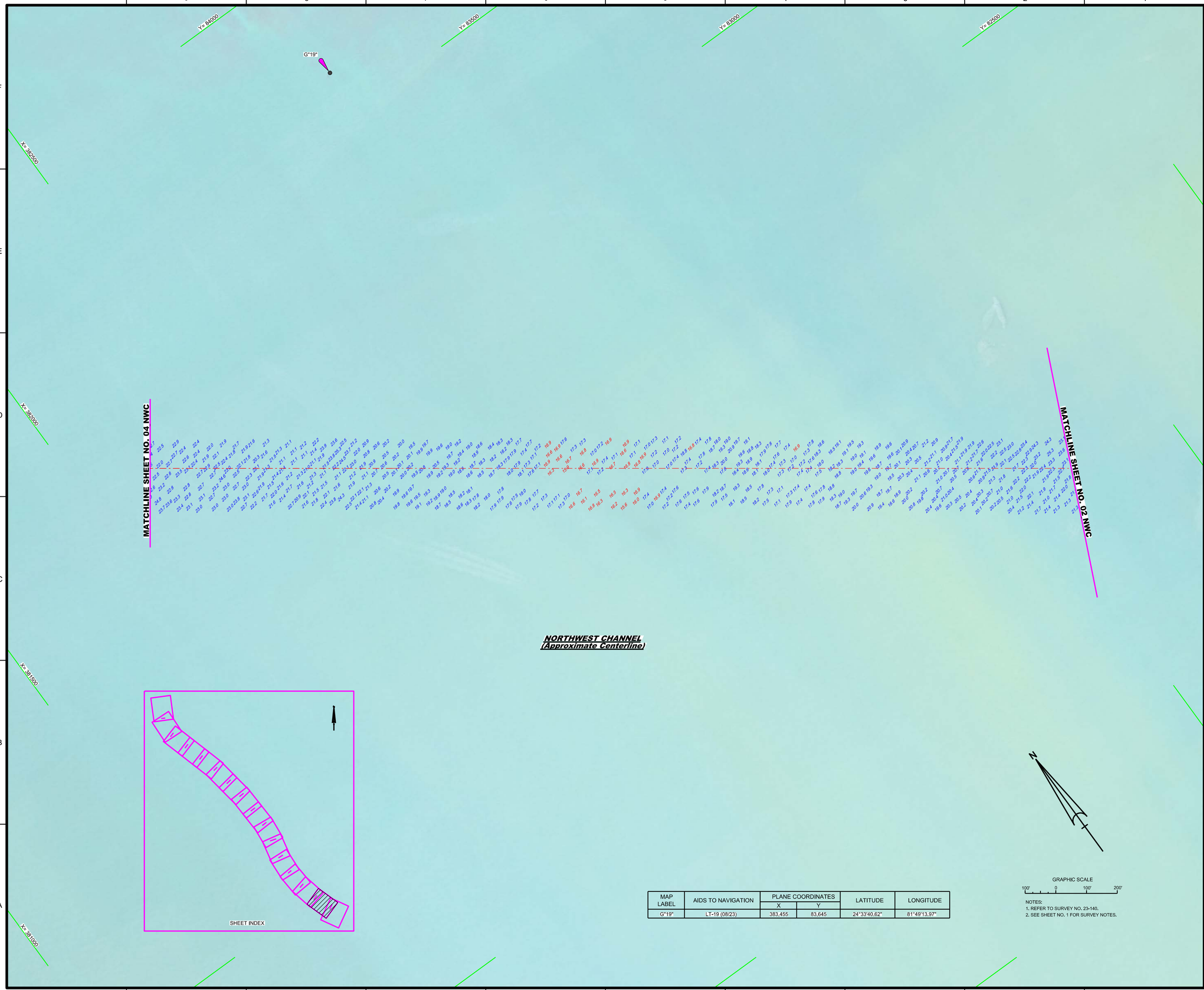
SAFETY ON THIS JOB DEPENDS ON YOU

No.	Symbol	Zone

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

Designed by: VRM
DWN by: VRM
Ckd by: GMR
Fin. No. W912EP-XX-X-XXX
Dated: AUG 2023

XXXX



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"19"	LT-19 (08/23)	383,455	83,645	24°33'40.62"	81°49'13.97"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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. W912EF-XX-X-XXXX
Dated: AUG 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-140-A/-NAV.DGN
23-140-A/-SOW-NWC.DGN
XWH_CHV6.DGN
KEY WEST HARBOR/C-NGM/CCP-SOW-3D.DGN
23-140-C-BS-BR/DR_NWC.DGN
Reference files:
23-140-H-003_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

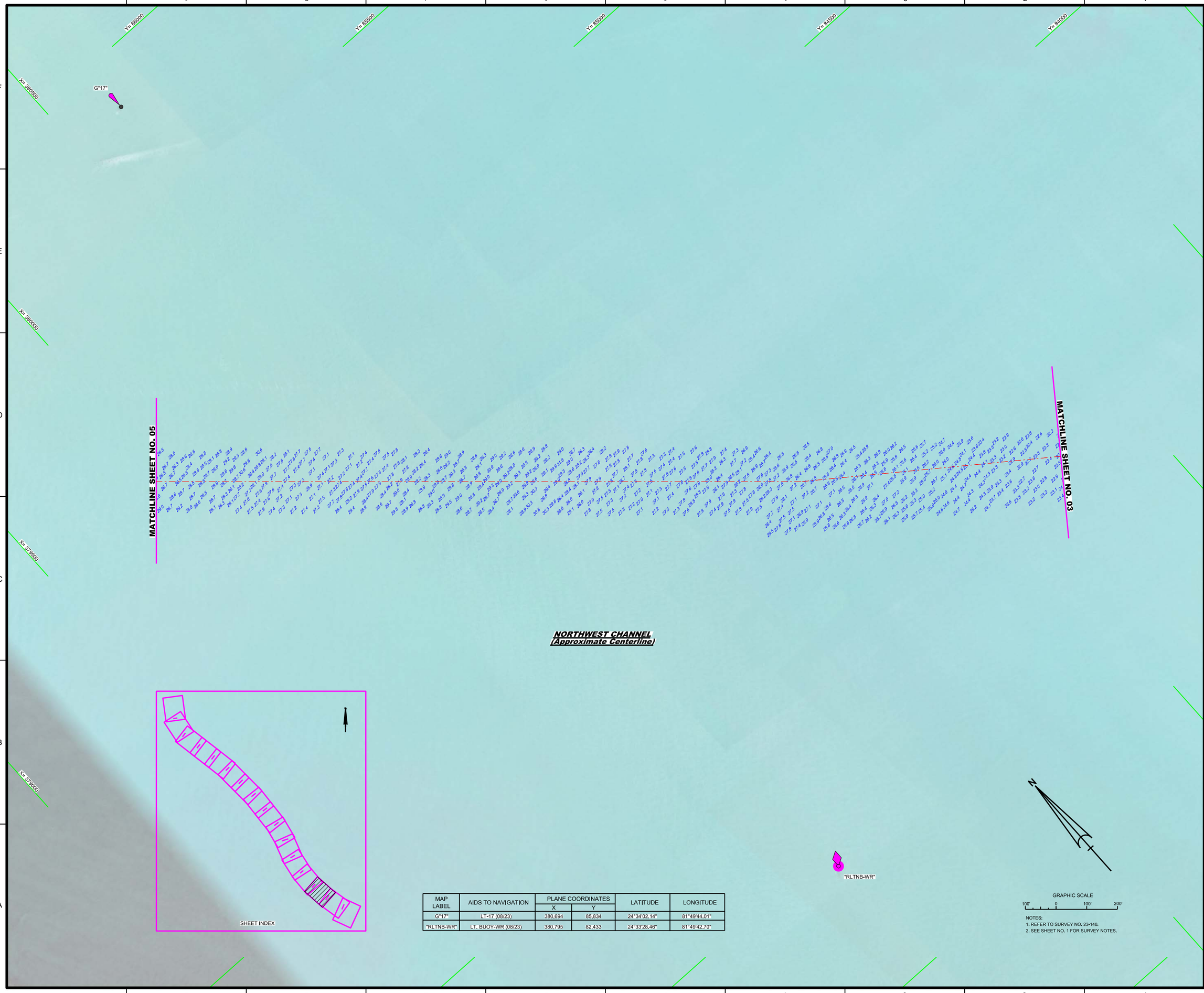
PLAN

Scale: AS SHOWN

Drawing no.

3

SHEET 03 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"17"	LT-17 (08/23)	380,694	85,834	24°34'02.14"	81°49'44.01"
"RLTNB-WR"	LT. BUOY-WR (08/23)	380,795	82,433	24°33'28.46"	81°49'42.70"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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
Inv. No. W912EP-XX-X-XXXX
Date: AUG 2023

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
23-140-A-MAP-TOPO
23-140-A-S-SUN_NWC.DGN
IGWH_CHV8.DGN
23-140-C-BS-BRDR_NWC.DGN
Reference files:
23-140-VPH-004_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT
NORTHWEST CHANNEL

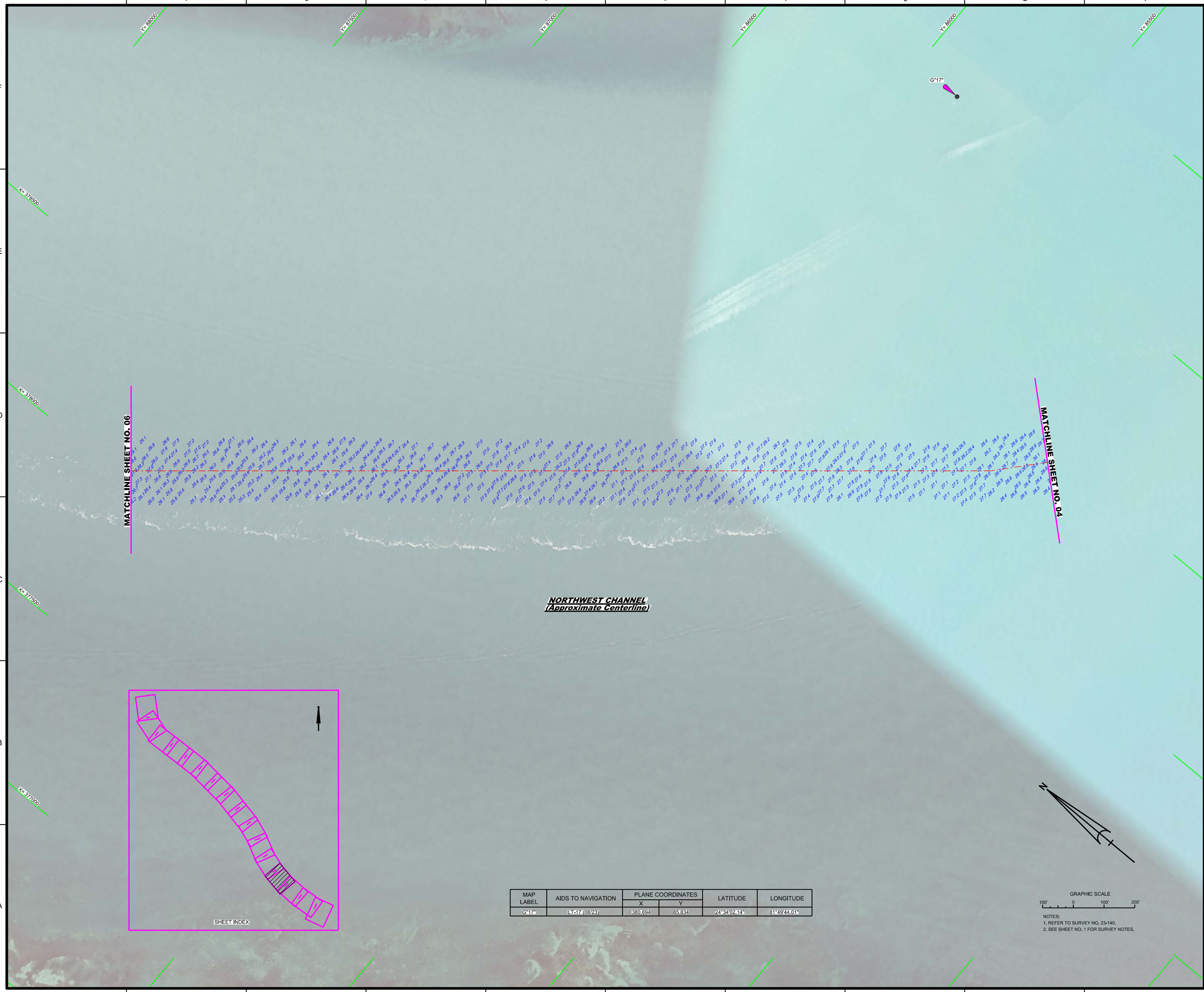
PLAN

Scale: AS SHOWN

Drawing no.

4

SHEET 04 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"17"	LT-17 (08/23)	380,694	85,834	24°34'02.14"	81°49'44.01"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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
Inv. No. W912EP-XX-X-XXXX
Date: AUG 2023

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
23-140-A-SAND_DTM.DGN
23-140-A-SOUN_INWC.DGN
KWH_CHV8.DGN
23-140-CABS-BRDR_NWC.DGN
Reference files:
23-140-VH-005_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.

5

SHEET 05 OF 17

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"16"	DBN-16 (08/23)	376,007	88,497	24°34'28.24"	81°50'34.96"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-140-XXXXXXXXXXXX
23-140-SOUN_NWC.DGN
XWI_CHVB.DGN
23-140-CHSHEROR_NWC.DGN
Reference files
23-140-VHORI_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

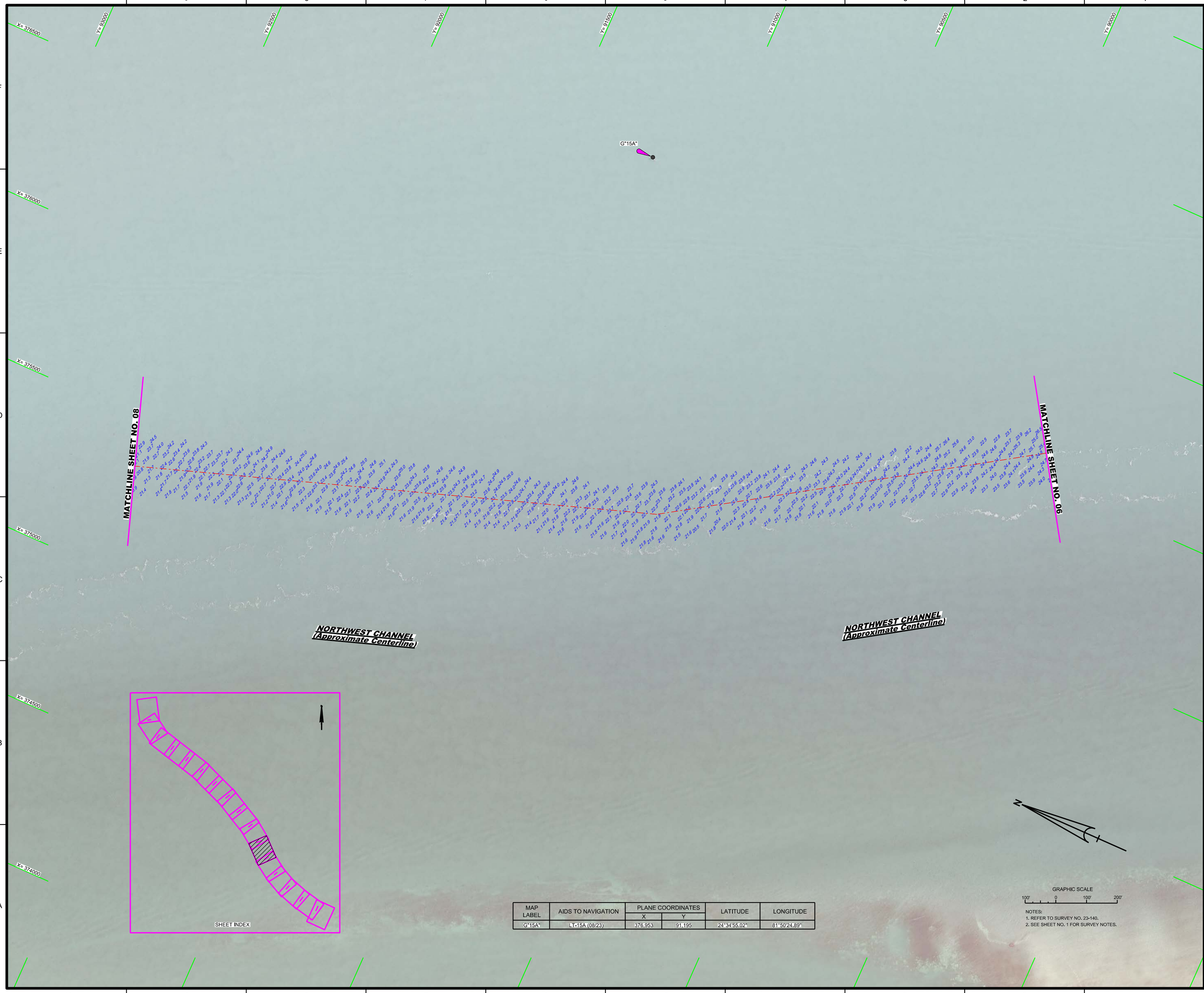
PLAN

Scale: AS SHOWN

Drawing no.

6

SHEET 06 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"15A"	LT-15A (08/23)	376,953	91,195	24°34'55.02"	81°50'24.89"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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: VRM
DWN by: VRM
Ckd by: GMR
Inv. No. W912EP-XX-X-XXX
Date: AUG 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-140-A-SOUN_NWC.DGN
KWH_CHV8.DGN
23-140-C-BS-BRDR_NWC.DGN
Reference files:
23-140-VH-007_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

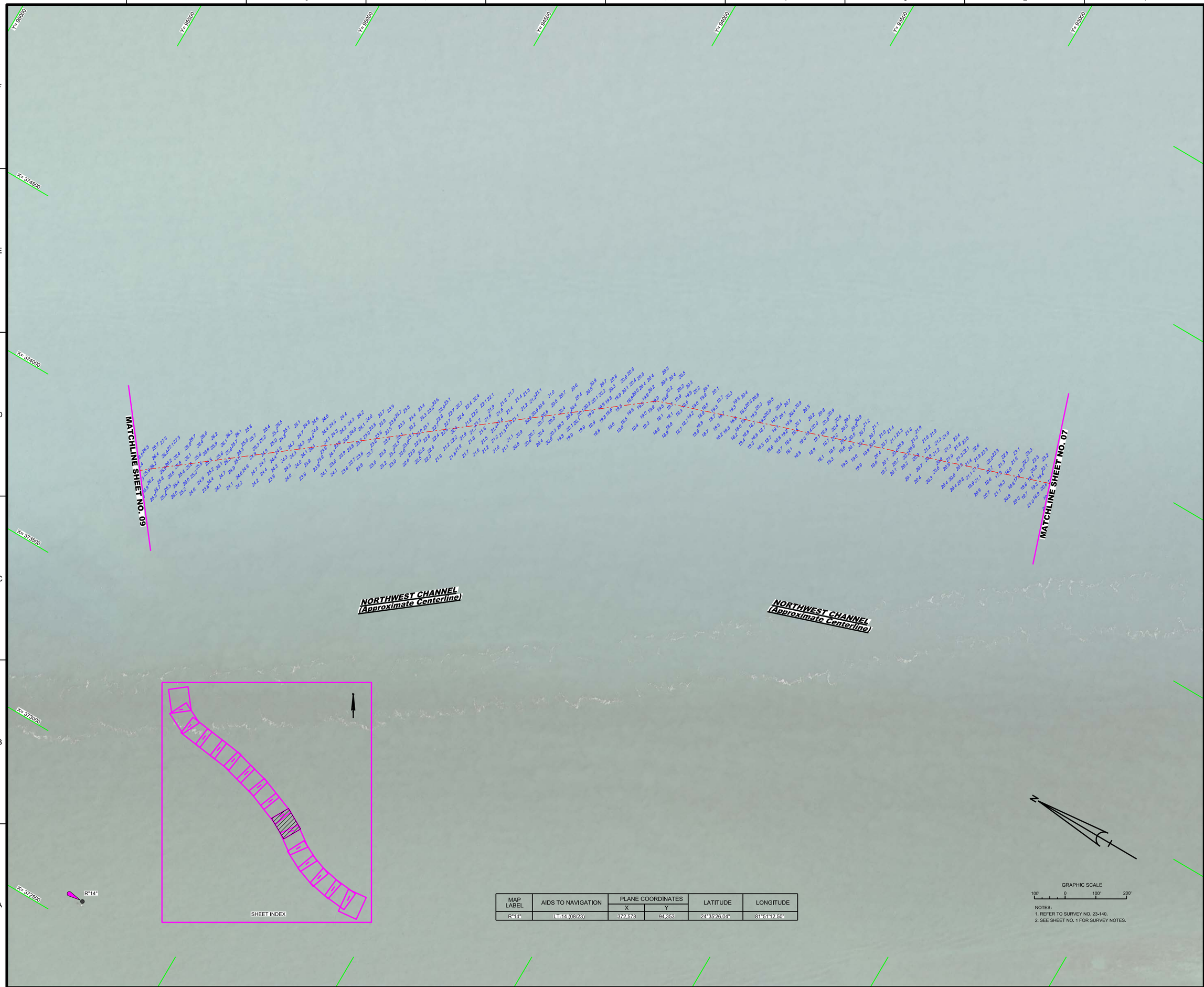
PLAN

Scale: AS SHOWN

Drawing no.

7

SHEET 07 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"14"	LT-14 (08/23)	372,578	94,353	24°35'26.04"	81°51'12.50"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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: GMB
Proj. No. V912EP-XX-X-XXXX
Date: AUG 2023

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
23-140-XXXXXXXX.DGN
23-140-UPSUN_NWC.DGN
XWH_CHVE.DGN
23-140-CHSHORE_NWC.DGN
Reference files:
23-140-VHD3R_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

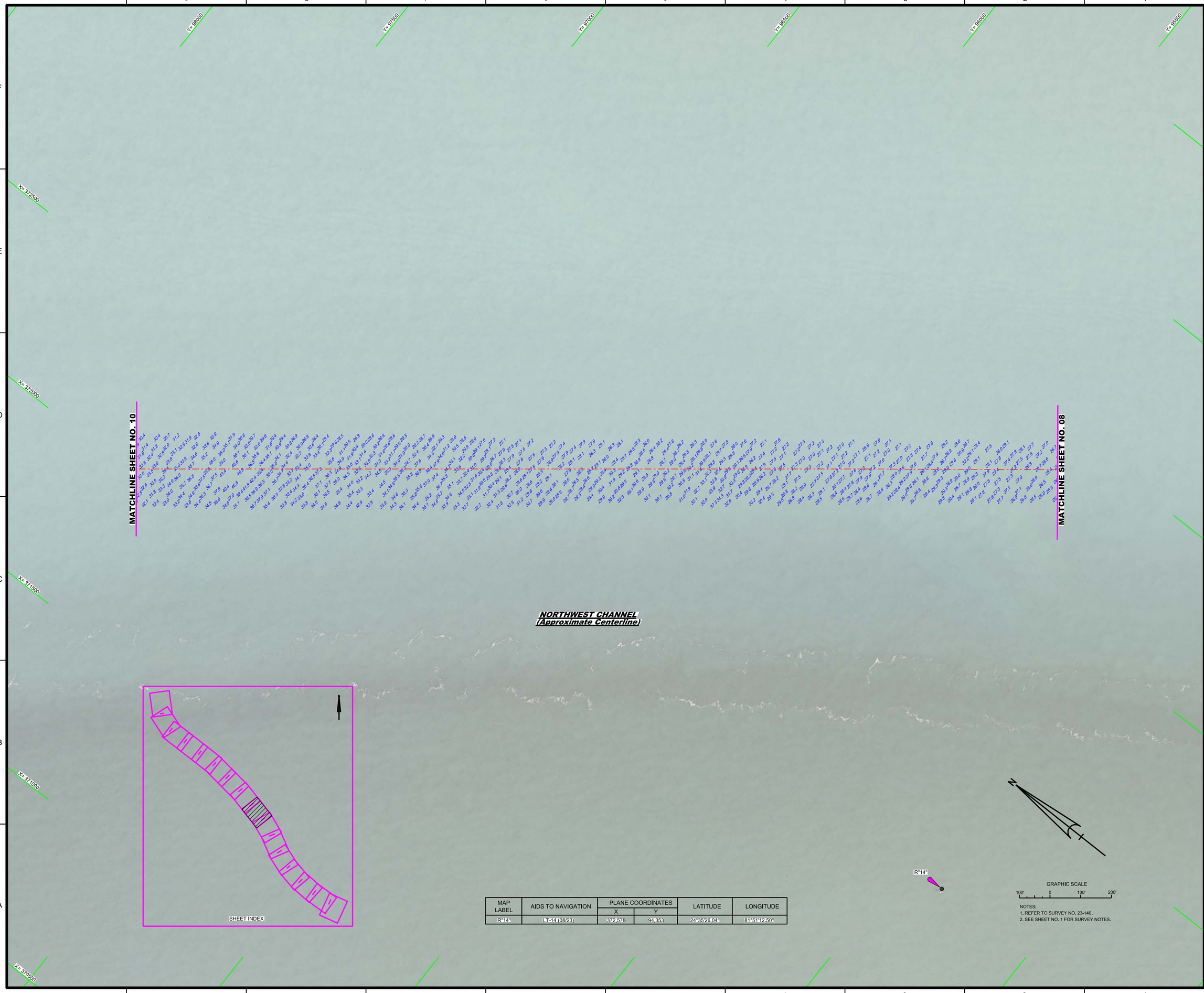
PLAN

Scale: AS SHOWN

Drawing no.

8

SHEET 08 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"14"	LT-14 (08/23)	372,578	94,353	24°35'26.04"	81°51'12.50"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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
Cad by: GMR
Proj. No. W912EP-XX-X-XXXX
Date: AUG 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-140-A-SOUN_NWC.DGN
23-140-A-SOUN_NWC.DGN
KWH_CHV0.DGN
23-140-C-BS-BRDR_NWC.DGN
Reference files
23-140-VR-009_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

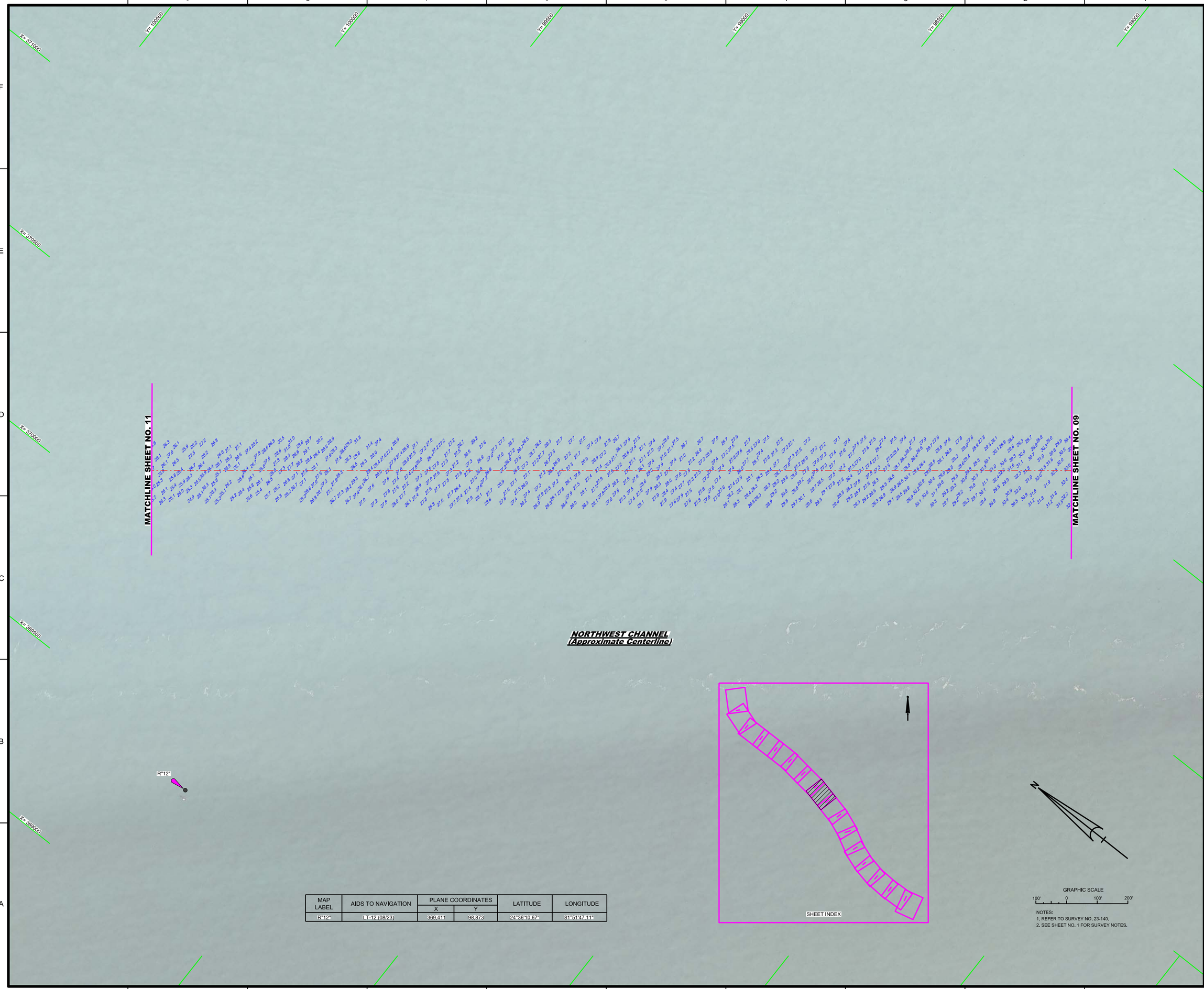
PLAN

Scale: AS SHOWN

Drawing no.

9

SHEET 09 OF 17X



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"12"	LT-12 (08/23)	369,411	98,873	24°36'10.67"	81°51'47.11"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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: GB
Proj. No. V01E2F-XX-X-XXXX
Date: AUG 2023

XXXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
XXXXXXXXXX-XXXXXXXX.DGN
23-140-A-XXXXXXXX.DGN
23-140-A-SOUN_NWC.DGN
KWH_CHV8.DGN
23-140-C-BS-BRDR_NWC.DGN
Reference files
25-140-VHD10_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

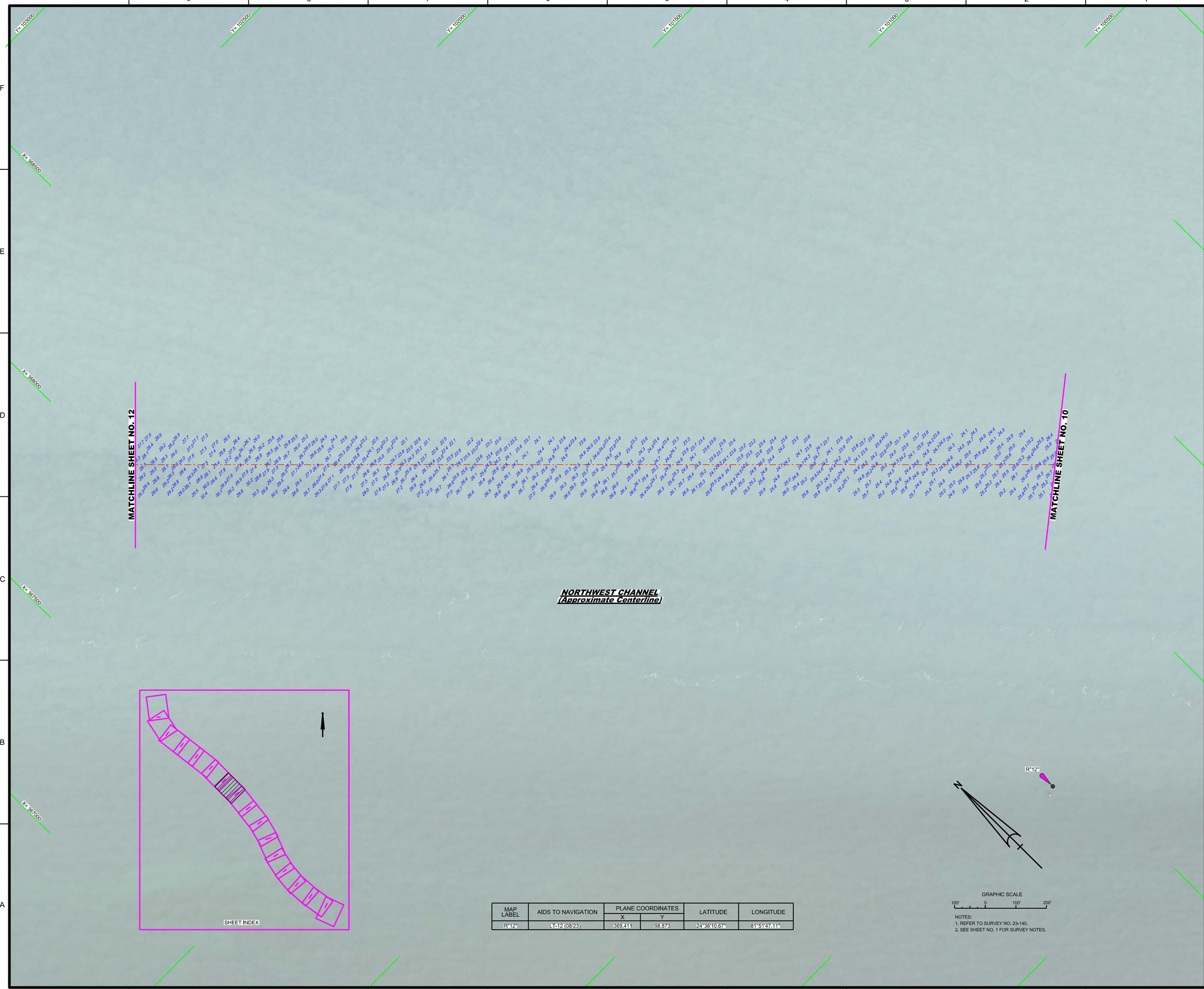
PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"12"	LT-12 (08/23)	369,411	98,873	24°36'10.67"	81°51'47.11"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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. V01EEP-XX-XX-XXXX
Date: AUG 2023

XXXXXXXXX-XX-XXXX.DGN
XXXXXXXXX-XX-XXXX.DGN
XXXXXXXXX-XX-XXXX.DGN
XXXXXXXXX-XX-XXXX.DGN
XXXXXXXXX-XX-XXXX.DGN
23-140-A-SOUN_NWC.DGN
KWH_CHV8.DGN
23-140-C-BS-BRDR_NWC.DGN
Reference files

23-140-VH011_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

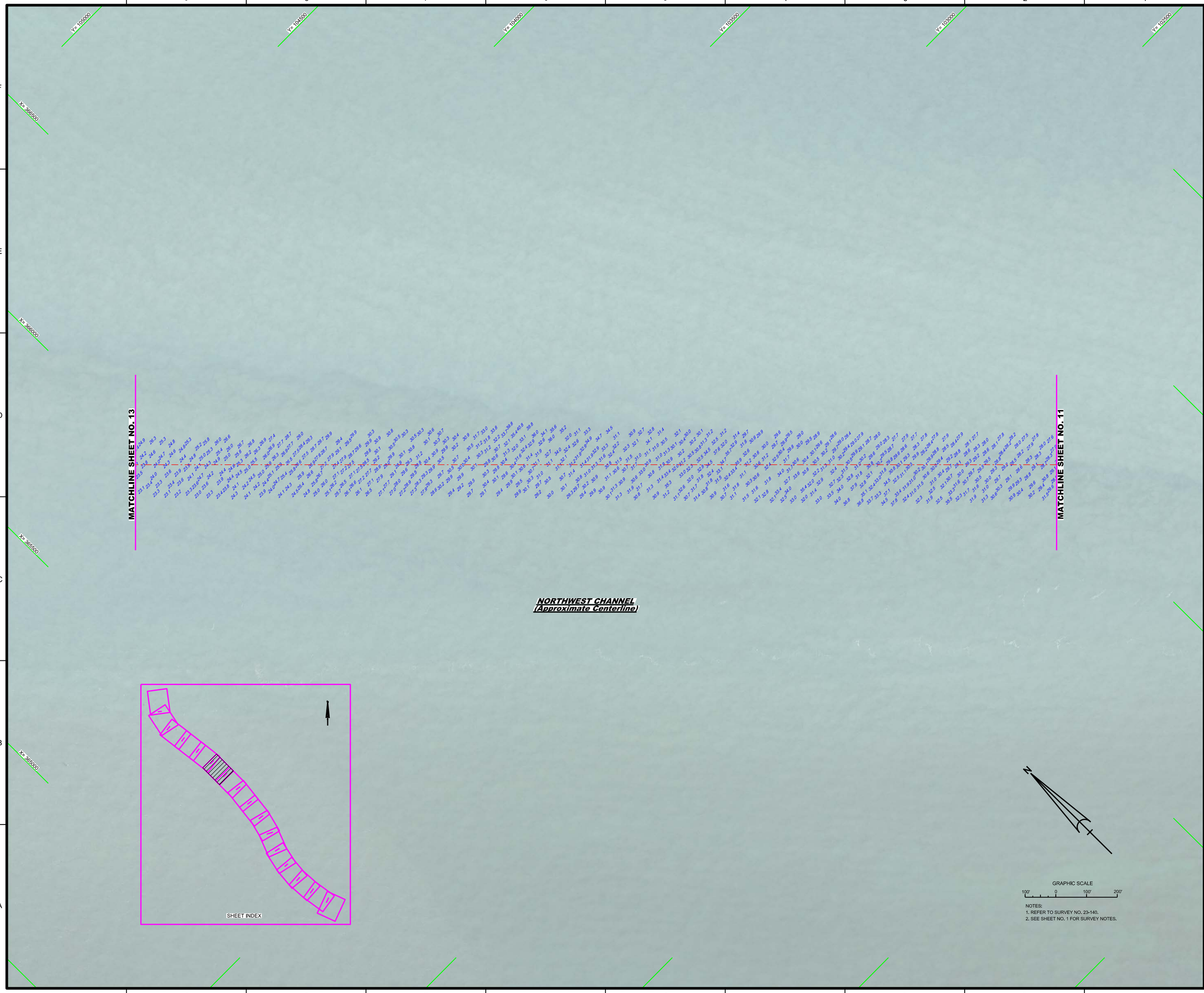
PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 17



NOTES:
1. REFER TO SURVEY NO. 23-140.
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: GR
Proj. No. V01REP-XX-XX-XXXX
Dates: AUG 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-140-A-SQ-N_NWC.DGN
KWH_CHV8.DGN
23-140-C-BS-BRDR_NWC.DGN
Reference files
23-140-VPH12_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

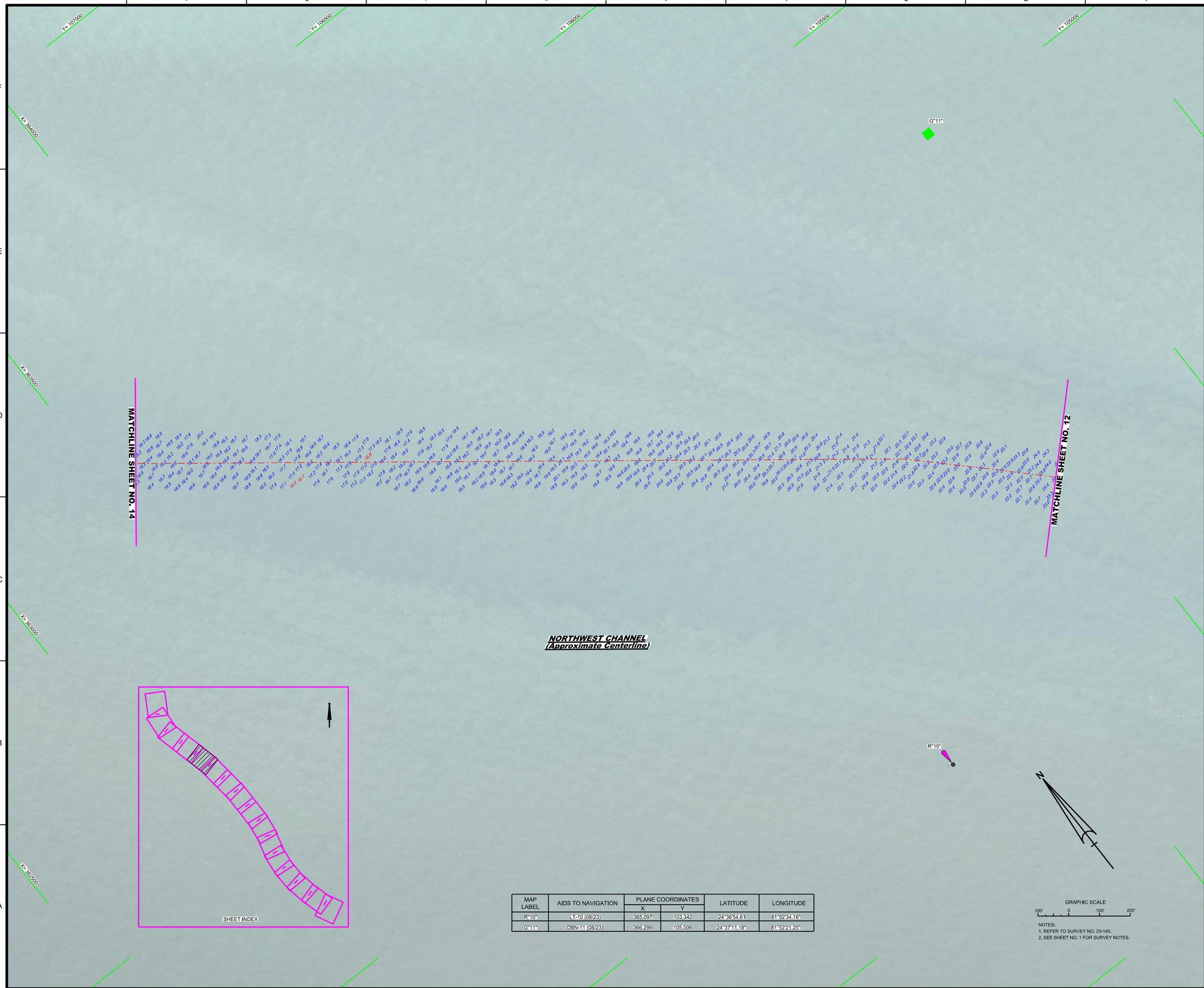
PLAN

Scale: AS SHOWN

Drawing no.

12

SHEET 12 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"10"	LT-10 (08/23)	365,097	103,342	24°36'54.61"	81°52'34.16"
G"11"	DBN-11 (08/23)	366,299	105,006	24°37'11.18"	81°52'21.25"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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 2023

XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
XXXXXXXXXX-XXXXXX.DGN
23-140-XXXXXX.DGN
23-140-SOUN_NWC.DGN
KWH_CHV8.DGN
23-140-CHS-BRDR_NWC.DGN
Reference files:
23-140-VH012_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

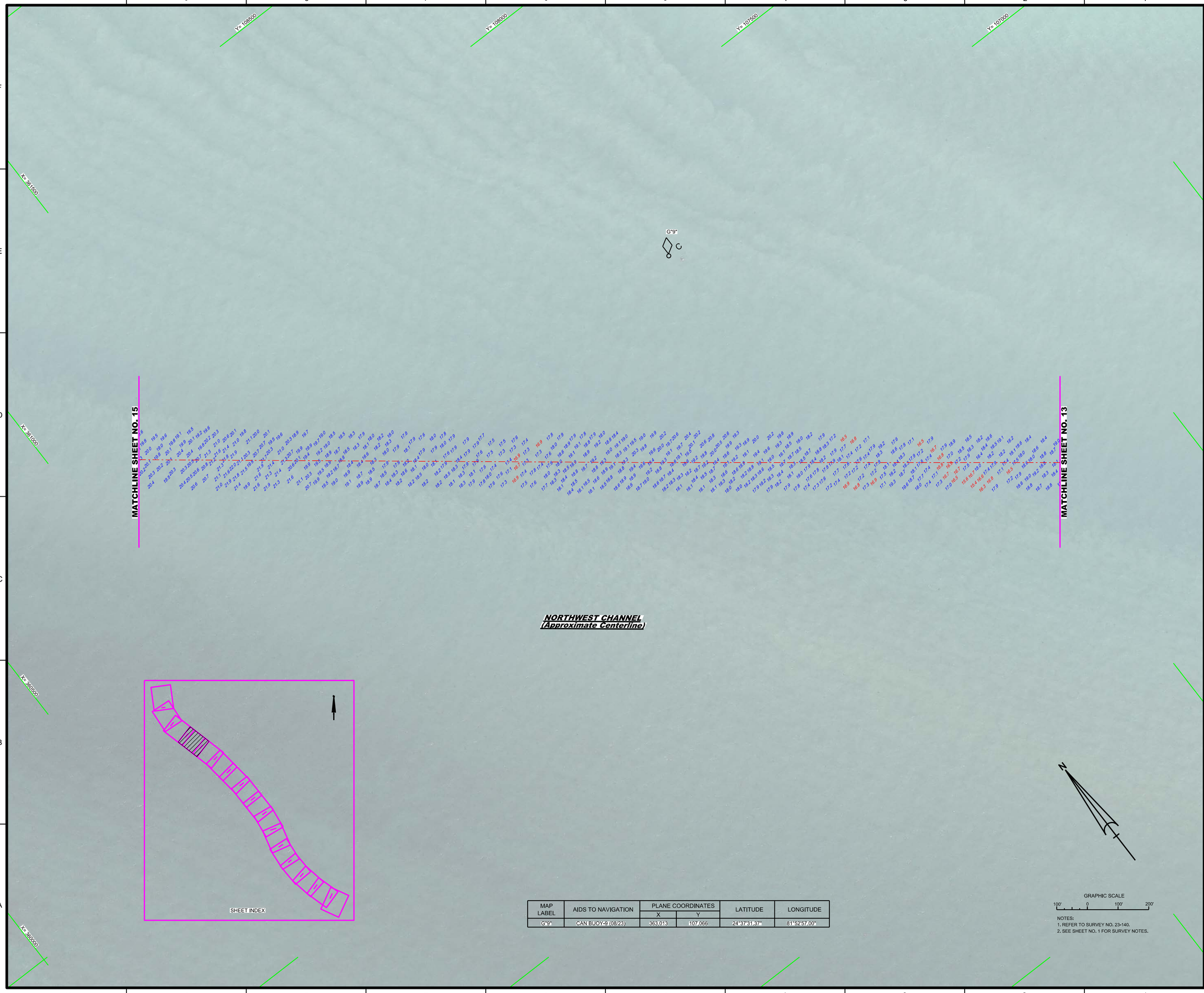
PLAN

Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"9"	CAN BUOY-9 (08/23)	363,013	107,066	24°37'31.37"	81°52'57.00"

NOTES:
1. REFER TO SURVEY NO. 23-140.
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: GR
Proj. No. V912EP-XX-X-XXXX
Date: AUG 2023

XXXXXXXXX-XXXXXX.DGN
XXXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
XXXXXXXX-XXXXXX.DGN
23-140-H-SOUN_NWC.DGN
KWH_CHV8.DGN
23-140-C-BS-BRDR_NWC.DGN
Reference files:
23-140-V-H31_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.

14

SHEET 14 OF 17

MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"8"	DBN-8 (08/23)	359,837	108,007	24°37'40.49"	81°53'31.48"

NOTES:
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US Army Corps of Engineers
Jacksonville District

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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 2023

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
23-140-AXXXXXX.DGN
23-140-H-SOUN_NWC.DGN
KWH_CHV8.DGN
23-140-C-BS-BRDR_NWC.DGN
Reference files:
23-140-VH315_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

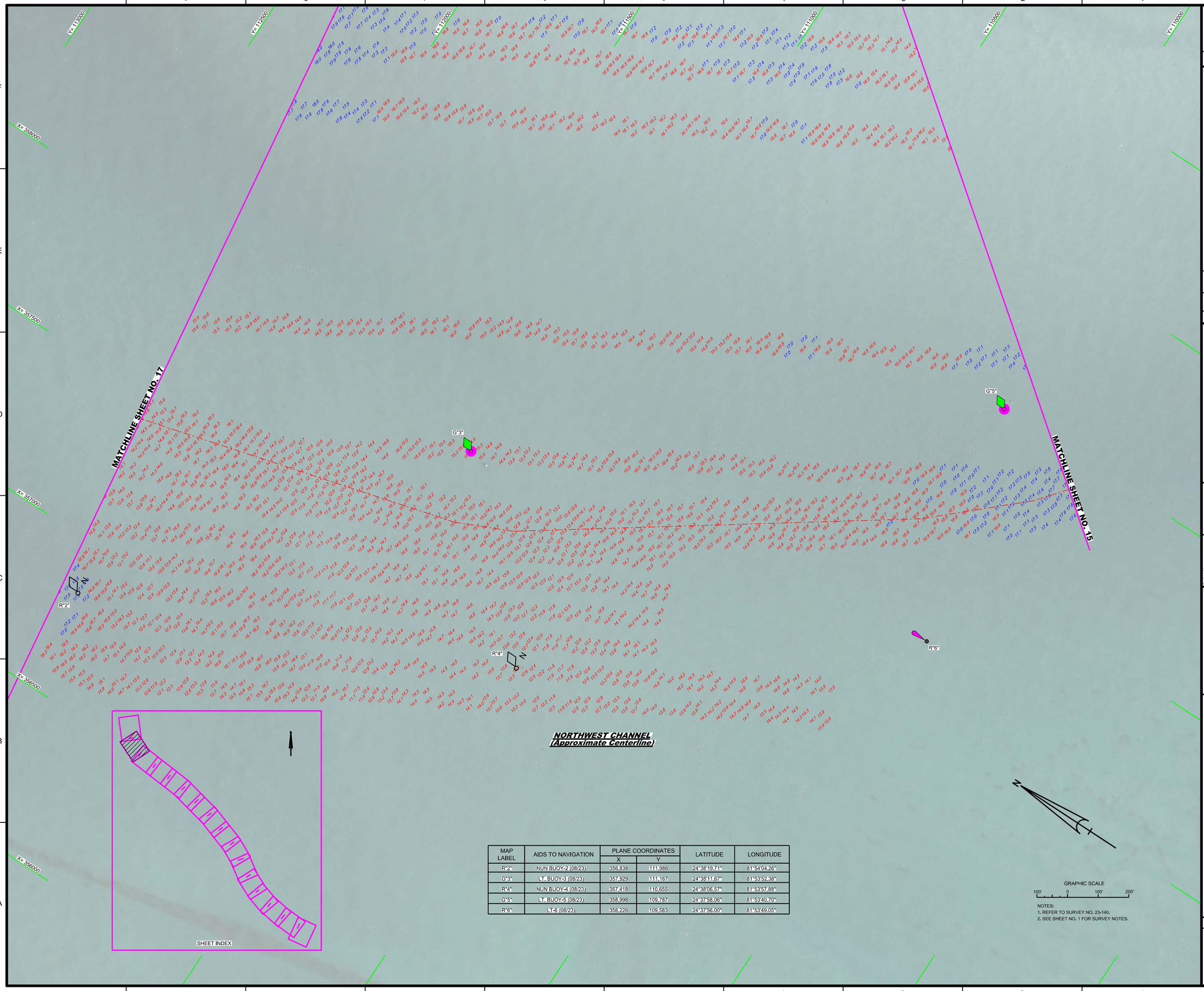
PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"2"	NUN BUOY-2 (08/23)	356,838	111,986	24°38'19.71"	81°54'04.26"
G"3"	LT. BUOY-3 (08/23)	357,929	111,167	24°38'11.67"	81°53'52.38"
R"4"	NUN BUOY-4 (08/23)	357,418	110,655	24°38'06.57"	81°53'57.88"
G"5"	LT. BUOY-5 (08/23)	358,998	109,787	24°37'58.06"	81°53'40.70"
R"6"	LT-6 (08/23)	358,226	109,583	24°37'56.00"	81°53'49.05"

NOTES:
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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. V912EP-XX-X-XXXX
Date: AUG 2023

XXXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
XXXXXXXX-X-XXXXXX.DGN
23-140-SOUN_NWC.DGN
KWH_CHV3.DGN
23-140-C-ESHDR_NWC.DGN
Reference files:
23-140-VHD16_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

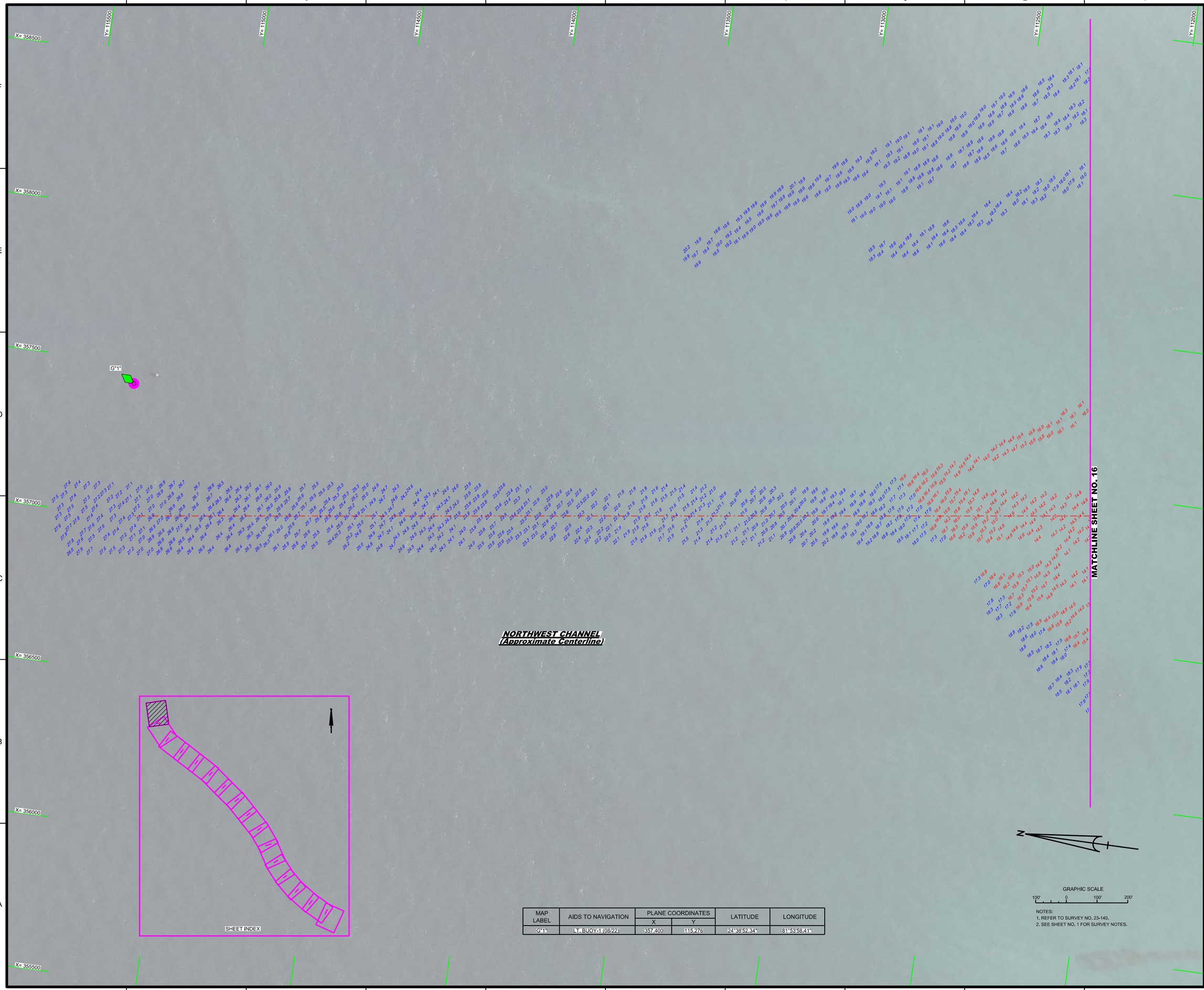
PLAN

Scale: AS SHOWN

Drawing no.

16

SHEET 16 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"1"	LT. BUOY-1 (08/22)	357,400	115,276	24°38'52.34"	81°53'58.41"

NOTES:
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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 2023

XXXXXXXXX-X-XXXXXXX.DGN
XXXXXXXXX-X-XXXXXXX.DGN
23-140-V-SOUN_NWC.DGN
23-140-V-SOUN_NWC.DGN
KWH_CHVR.DGN
23-140-C-BS-BRDR_NWC.DGN
Reference files:
23-140-VH-017_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY23
17-FOOT PROJECT

NORTHWEST CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 17