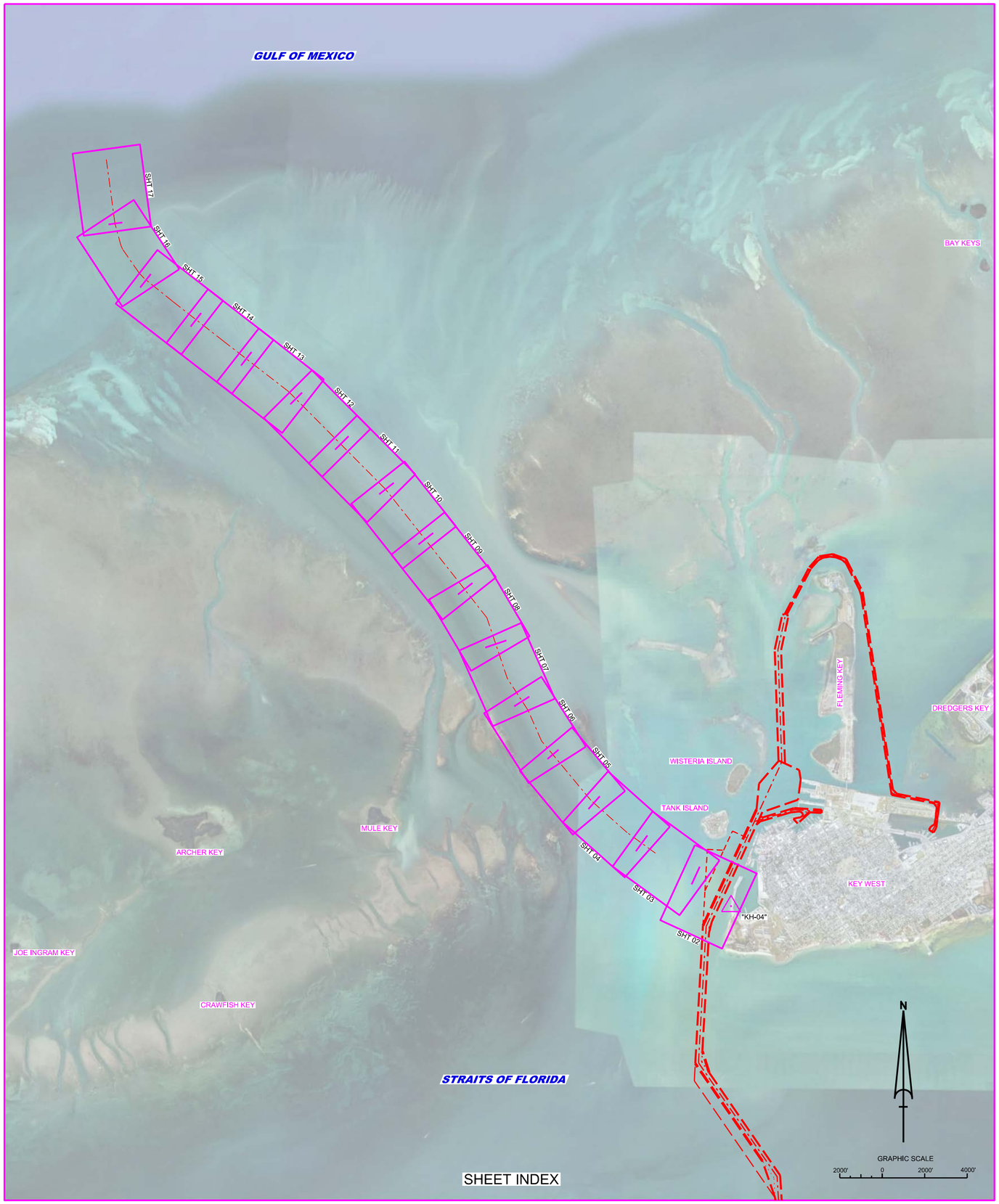
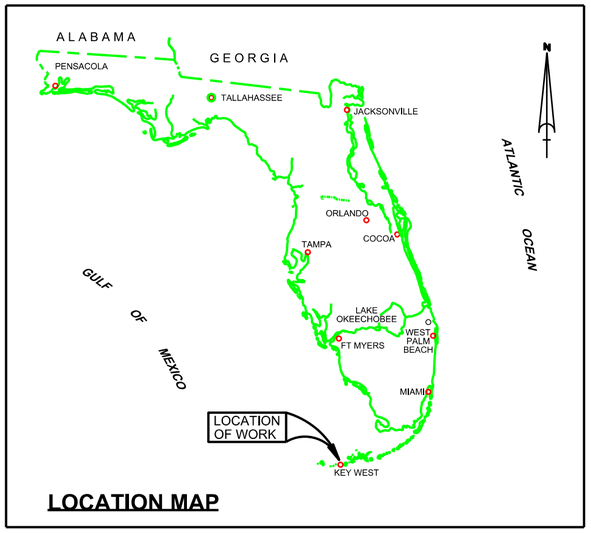




LOCATION MAP

KEY WEST HARBOR NORTHWEST CHANNEL MONROE COUNTY, FLORIDA PROJECT CONDITION SURVEY FY20 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. 20-245.
2. 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".
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE EAST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1983 (NAD83).
5. 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)
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. VERTICAL MEASUREMENTS WERE MADE USING A R2SONIC 2026 MULTI-BEAM SYSTEM OPERATING AT 240 KHZ AND A ROSS MODEL 835C DUAL-FREQUENCY SOUNDER WITH A 28/200 KHZ SINGLE-BEAM TRANSDUCER. ALL SOUNDINGS SHOWN ARE IN HIGH FREQUENCY.

VESSEL	DATE OF SURVEY	CUT
SV FLORIDA II	19 AUG 2020	NORTHWEST CHANNEL

8. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
9. 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.
10. 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: VRM
Drawn by: VRM
Chk by: GMR
Trw No. W912EP-XX-X-XXXX
Date: AUG 2020

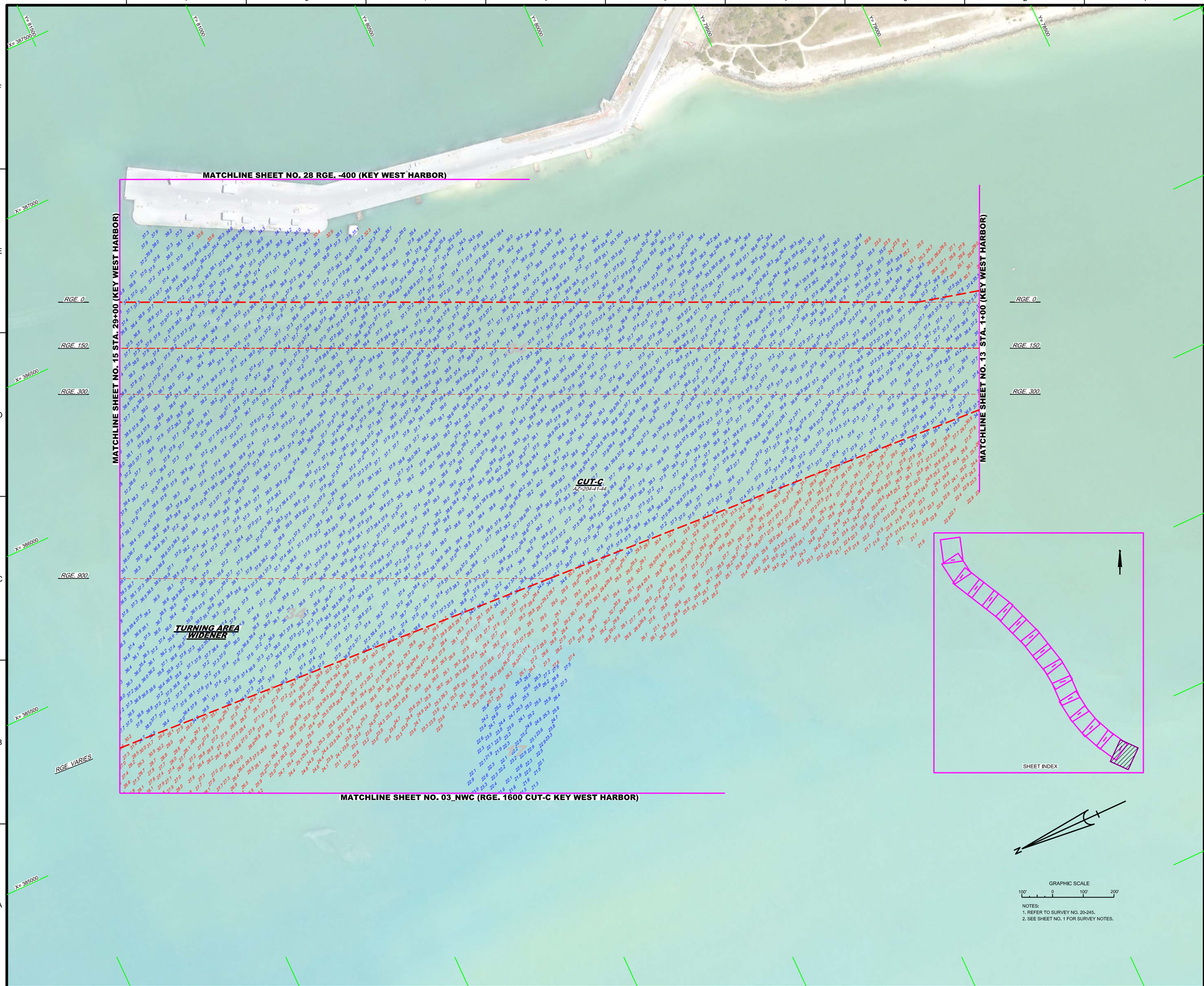
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
15-V22A-IND2_NWC.DGN
KWH_CHVB.DGN
20-245-HH-SBSRDR_NWC.DGN
Reference files
20-245-HH01_NWC.DGN
File name

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL
PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT
INDEX, LOCATION AND VICINITY
MAP

Scale: AS SHOWN

Drawing no.
1

SHEET 01 OF 17



NOTES:
1. REFER TO SURVEY NO. 20-245.
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
Rev. No. V01TEP-XX-XX-XXXX
Dated: AUG 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-245-A-SQUIL_NWC.DGN
KEY WEST HARBOR-C-NGMCCF.DGN
20-245-C-BB-BRDR_NWC.DGN
Reference files:
20-245-VH-002_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

INTERSECT OF NORTHWEST CHANNEL AND CUT-C (KEY WEST HARBOR)

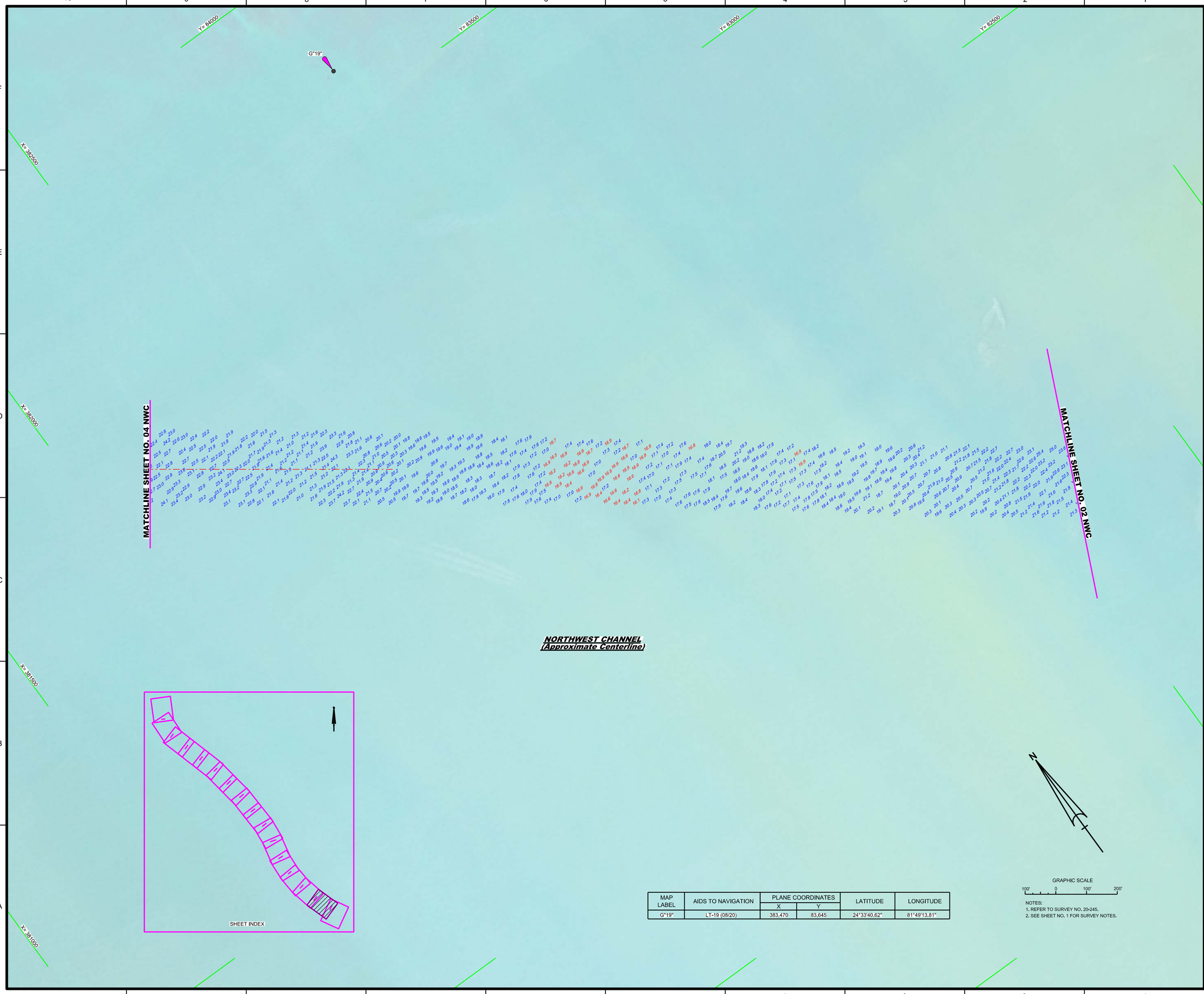
PLAN

Scale: AS SHOWN

Drawing no.

2

SHEET 02 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"19"	LT-19 (08/20)	383,470	83,645	24°33'40.62"	81°49'13.81"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-245-A-NW-CHN
20-245-A-SGUN_NWC.DGN
KWH_CHNB.DGN
20x245-C-BS-BRGR_NWC.DGN
Reference files:
20-245-VH-003_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

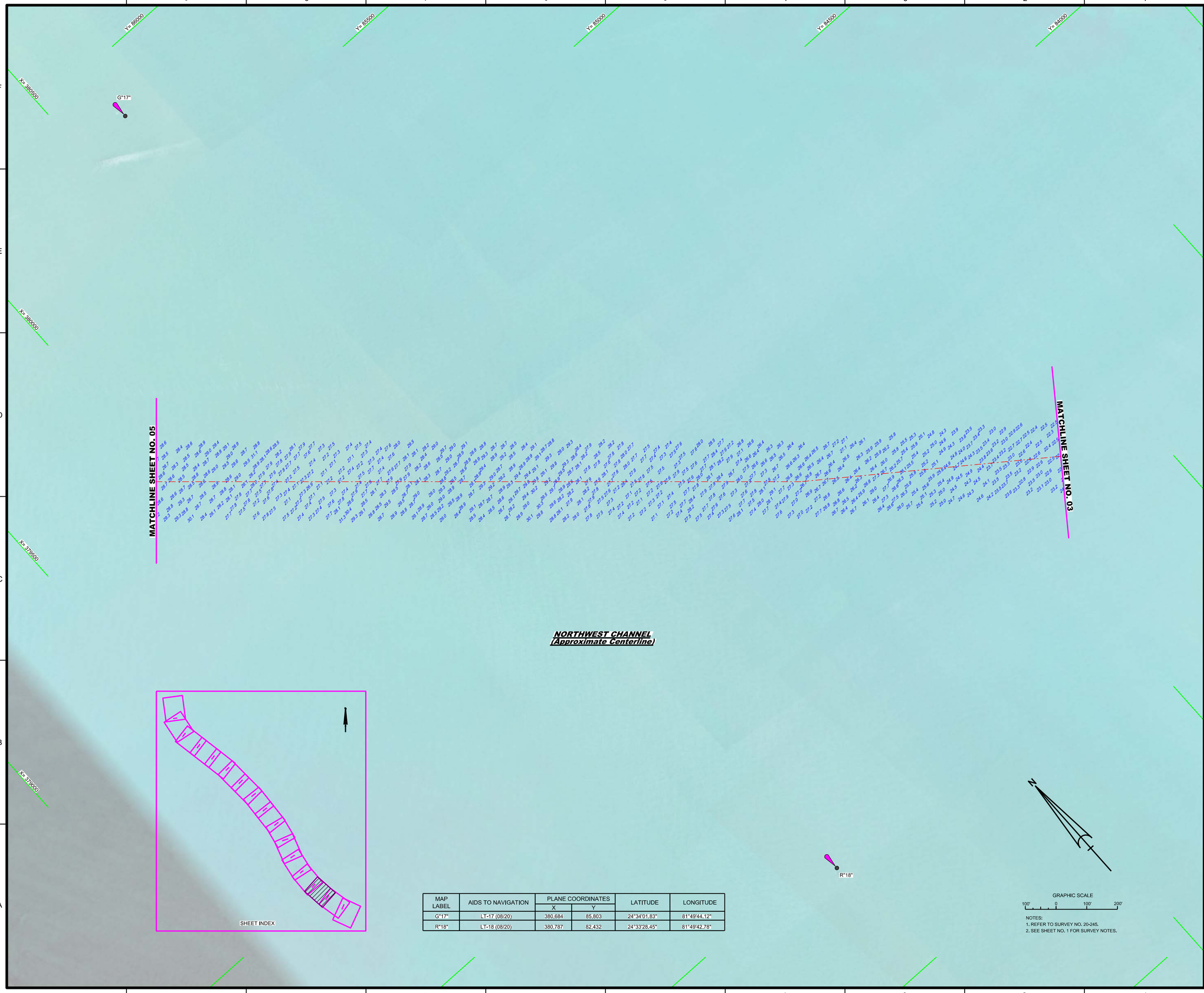
PLAN

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 (08/20)	380,684	85,803	24°34'01.83"	81°49'44.12"
R"18"	LT-18 (08/20)	380,787	82,432	24°33'28.45"	81°49'42.78"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-245A-XXXXXXXXXXXX.DGN
20-245A-SOUN_NWC.DGN
IGWH_CHVB.DGN
20x245-PBS-BRDR_NWC.DGN
Reference files:
20-245-VH-004_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT
NORTHWEST CHANNEL

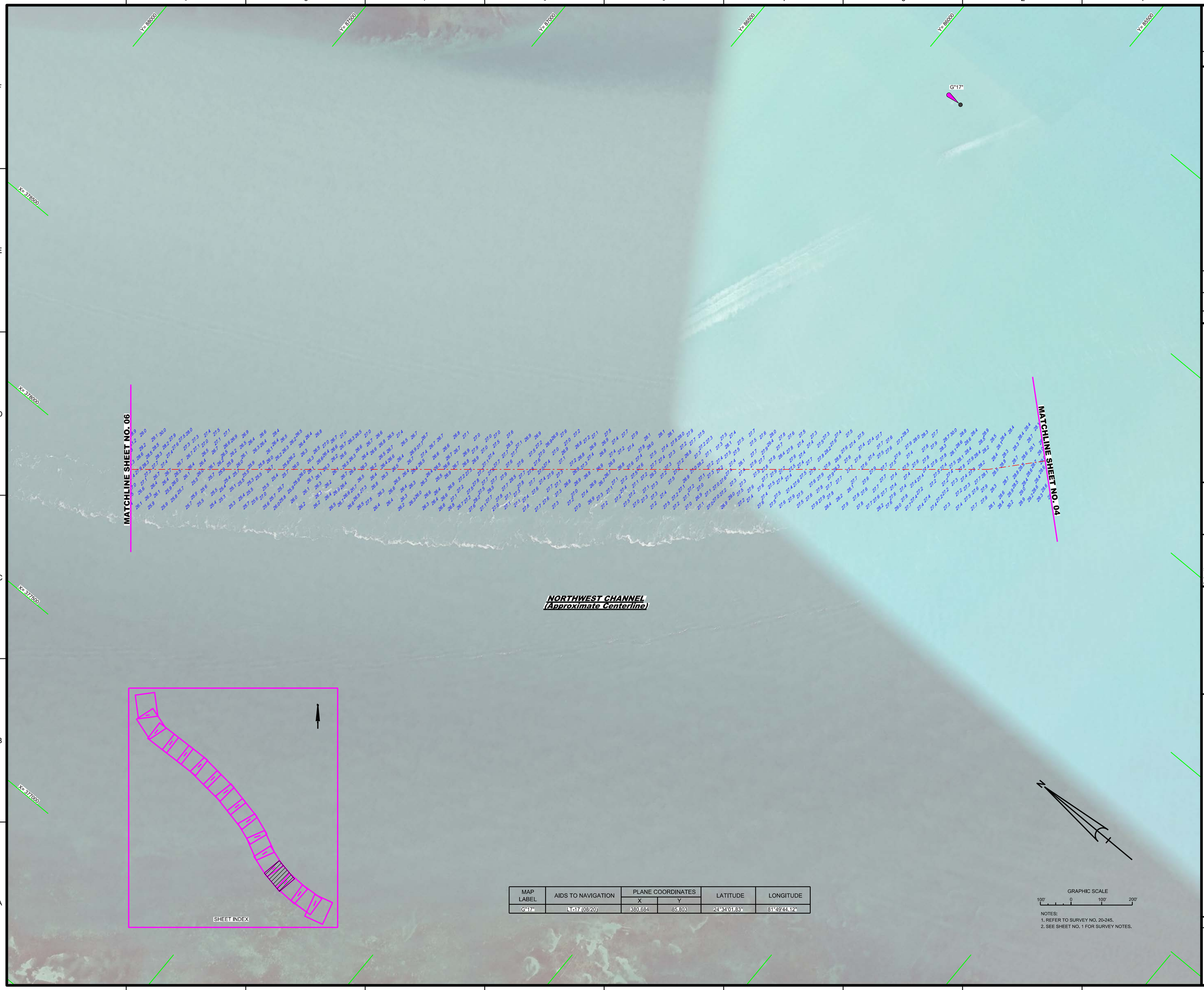
PLAN

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 (08/20)	380,684	85,803	24°34'01.83"	81°49'44.12"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-245-A-VSUN_NWC.DGN
KWH_CHV8.DGN
20-245-CABS-BRDR_NWC.DGN
Reference files:
20-245-VH-005_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
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 (08/20)	376,022	88,497	24°34'28.24"	81°50'34.80"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-245.
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-XX-XXXX
Date: AUG 2020

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
20-245-A-XXXXXXXXXXXX
20-245-A-SOUN_NWC.DGN
GWH_CHVB.DGN
20-245-C-BS-BRDR_NWC.DGN
Reference files:
20-245-VH-016_NWC.DGN
File names:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

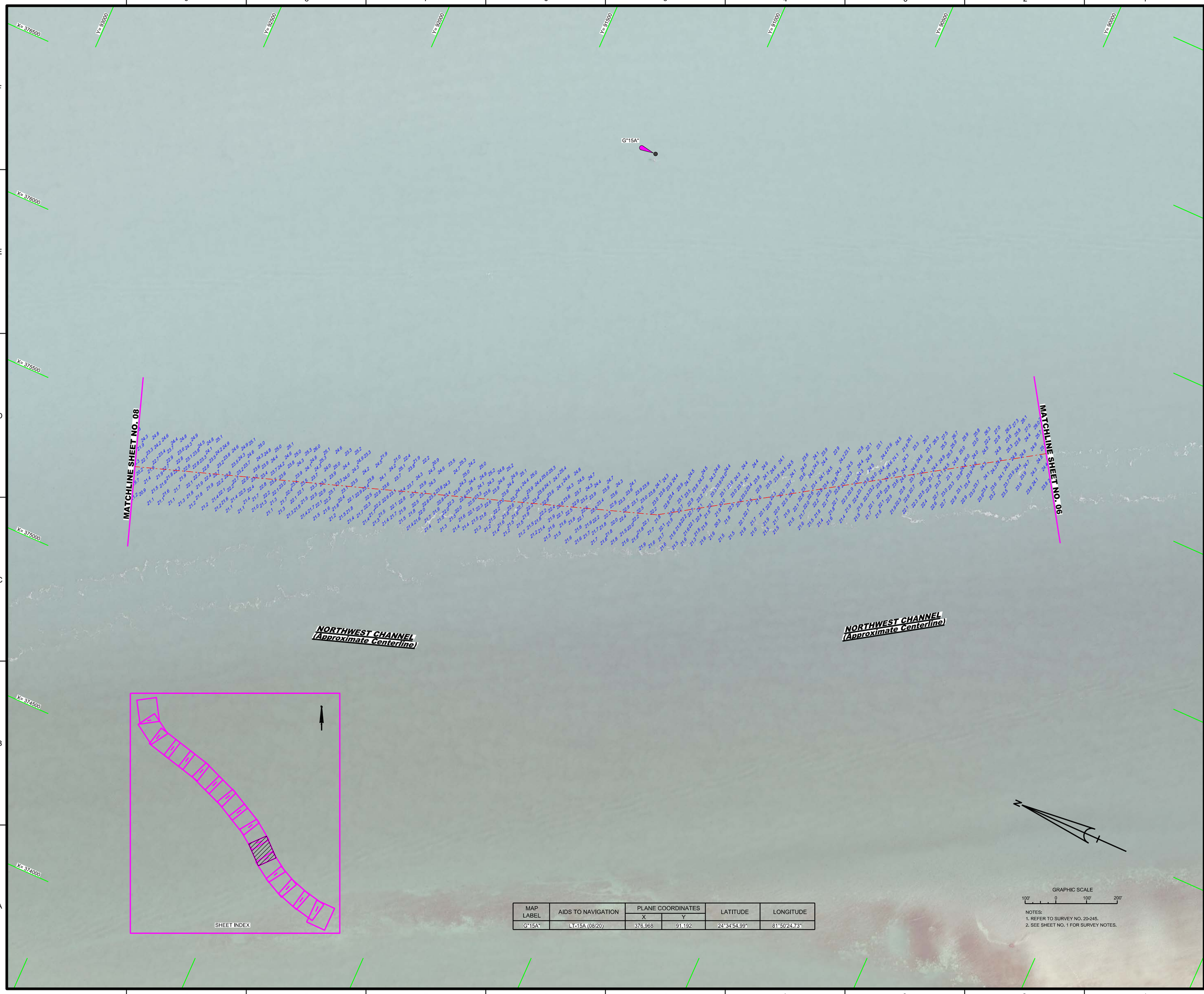
PLAN

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 (08/20)	376,968	91,192	24°34'54.99"	81°50'24.73"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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-XXX
Date: AUG 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-245-SAJ-SOJN_NWC.DGN
KWH_CHV8.DGN
20-245-CAB-BRDR_NWC.DGN
Reference files:
20-245-VIH-007_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

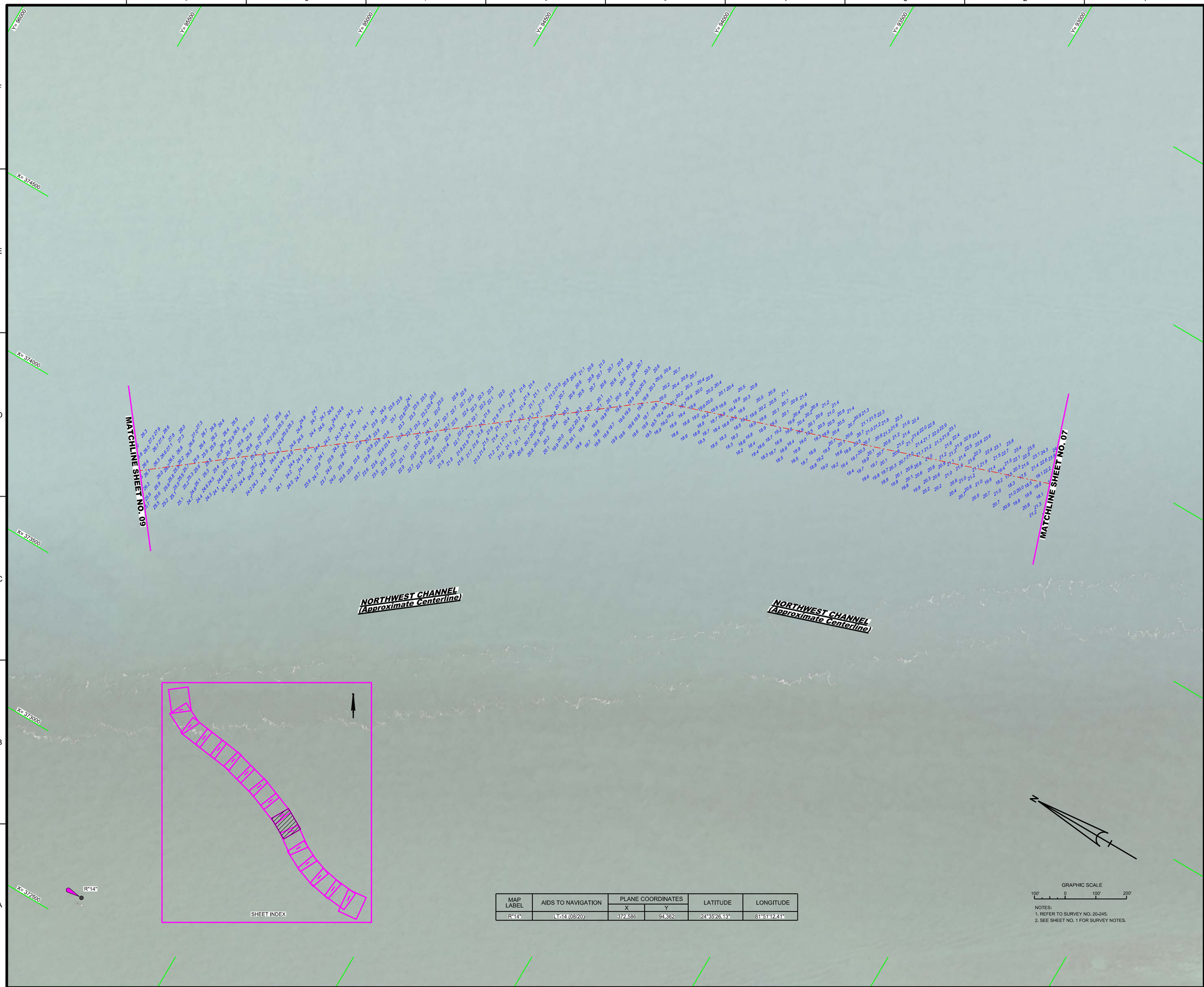
PLAN

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 (08/20)	372,586	94,362	24°35'26.13"	81°51'12.41"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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. V912EP-XX-X-XXXX
Date: AUG 2020

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
20-245-N-SOUN_NWC.DGN
XWI_CHVB.DGN
20-245-C-ESBRDR_NWC.DGN
Reference files:
20-245-VHD3R_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

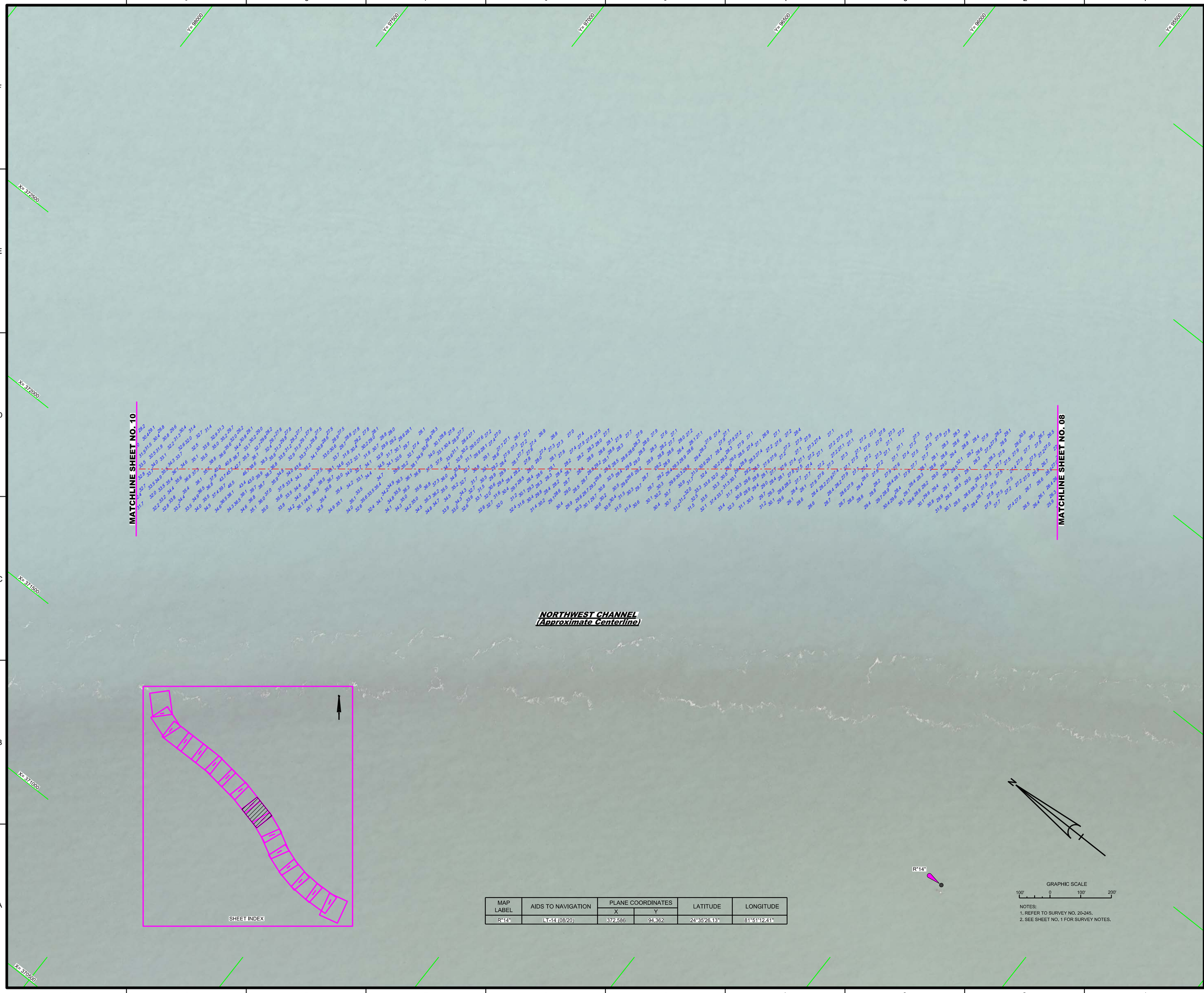
PLAN

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 (08/20)	372,586	94,362	24°35'26.13"	81°51'12.41"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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
Dates: AUG 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-245-A-SOUN_NWC.DGN
KWH_CHV0.DGN
20-245-C-BS-BRDR_NWC.DGN
Reference files
20-245-VR-009_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

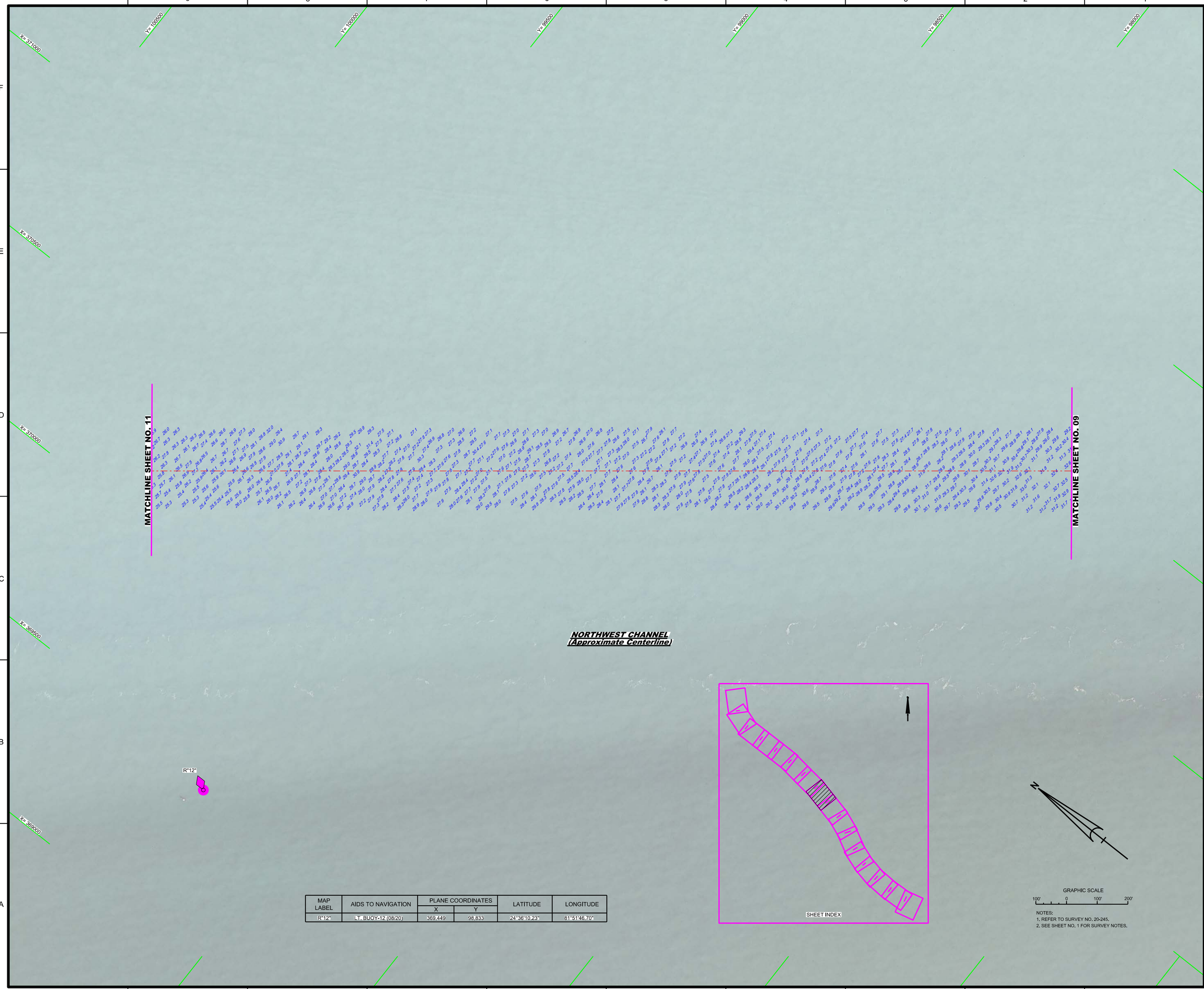
NORTHWEST CHANNEL

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. BUOY-12 (08/20)	369,449	98,833	24°36'10.23"	81°51'46.70"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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: GR
Proj. No. W912EP-XX-X-XXXX
Date: AUG 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-245-A-SOUN_NWC.DGN
KWH_CHV8.DGN
20-245-C-BS-BRDR_NWC.DGN
Reference files
20-245-VH310_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

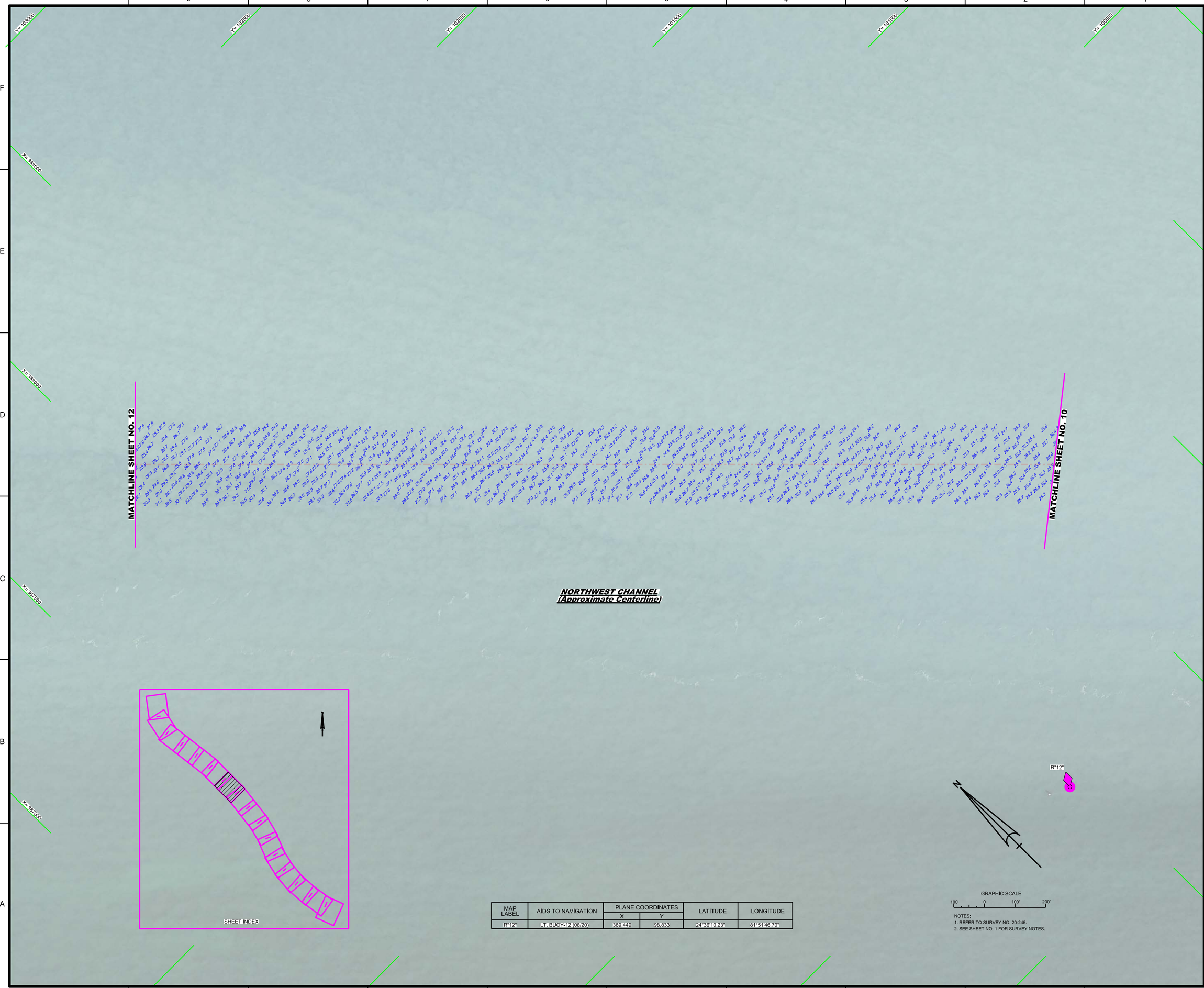
PLAN

Scale: AS SHOWN

Drawing no.

10

SHEET 10 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"12"	LT. BUOY-12 (08/20)	369,449	98,833	24°36'10.23"	81°51'46.70"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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 2020

XXXXXXXXX-XX-XXXX.DGN
XXXXXXXXX-XX-XXXX.DGN
XXXXXXXXX-XX-XXXX.DGN
XXXXXXXXX-XX-XXXX.DGN
XXXXXXXXX-XX-XXXX.DGN
20-245-A-SOUN_NWC.DGN
KWH_CHV8.DGN
20-245-C-BS-BRDR_NWC.DGN
Reference files

20-245-VH911_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

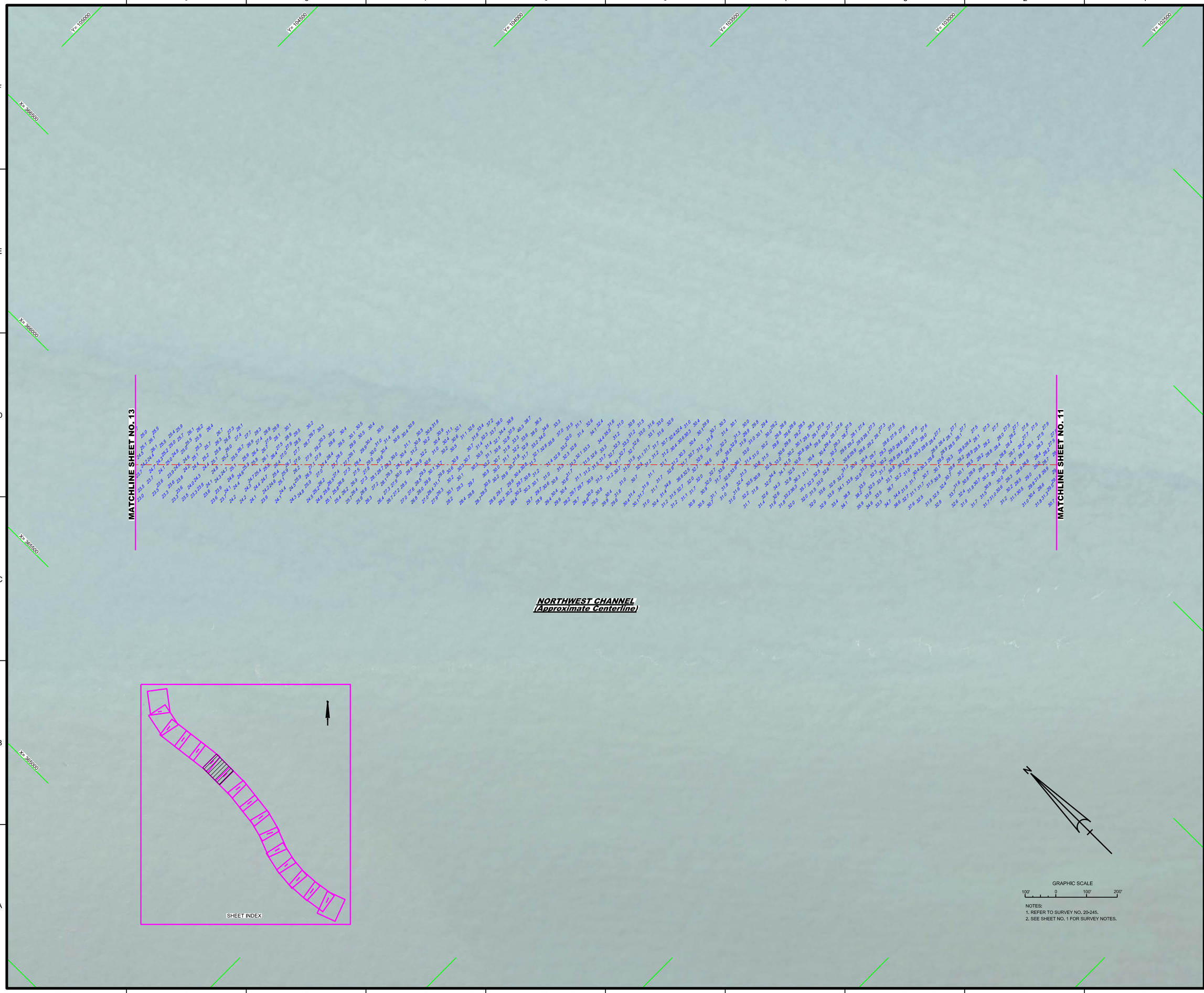
PLAN

Scale: AS SHOWN

Drawing no.

11

SHEET 11 OF 17



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
Chk'd by: GR
Proj. No. V01REP-XX-XX-XXXX
Date: AUG 2020

XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXXXX.DGN
20-245-A-SIGN_NWC.DGN
KWH_CHV9.DGN
20-245-C-BS-BRDR_NWC.DGN
Reference files

20-245-VPH12_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

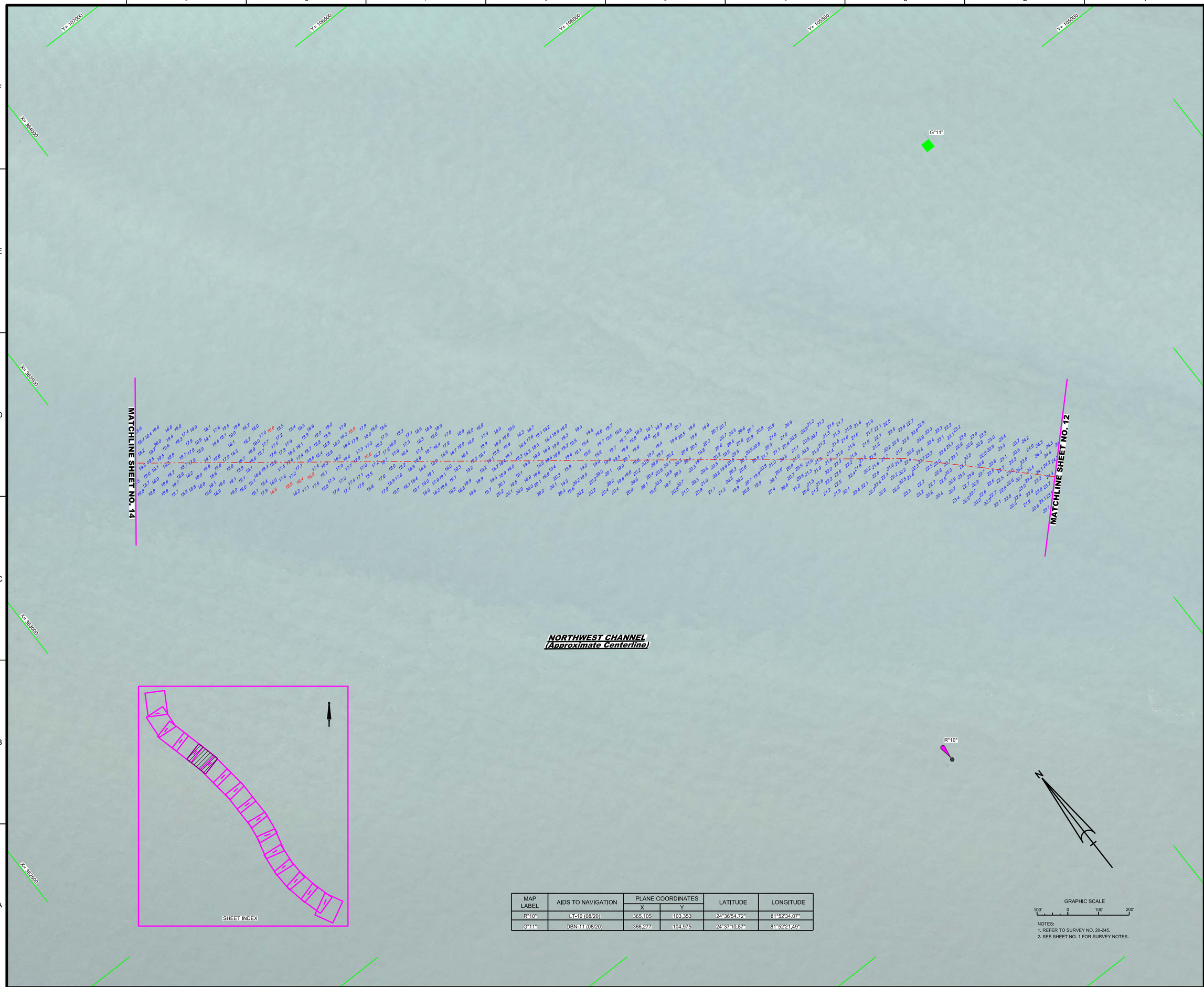
PLAN

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 (08/20)	365,105	103,353	24°36'54.72"	81°52'34.07"
G"11"	DBN-11 (08/20)	366,277	104,975	24°37'10.87"	81°52'21.49"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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 2020

XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXXX.DGN
20-245-U-SOUN_NWC.DGN
KWI_CHVE.DGN
20-245-C-BS-BRDR_NWC.DGN
Reference files:
20-245-VH013_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

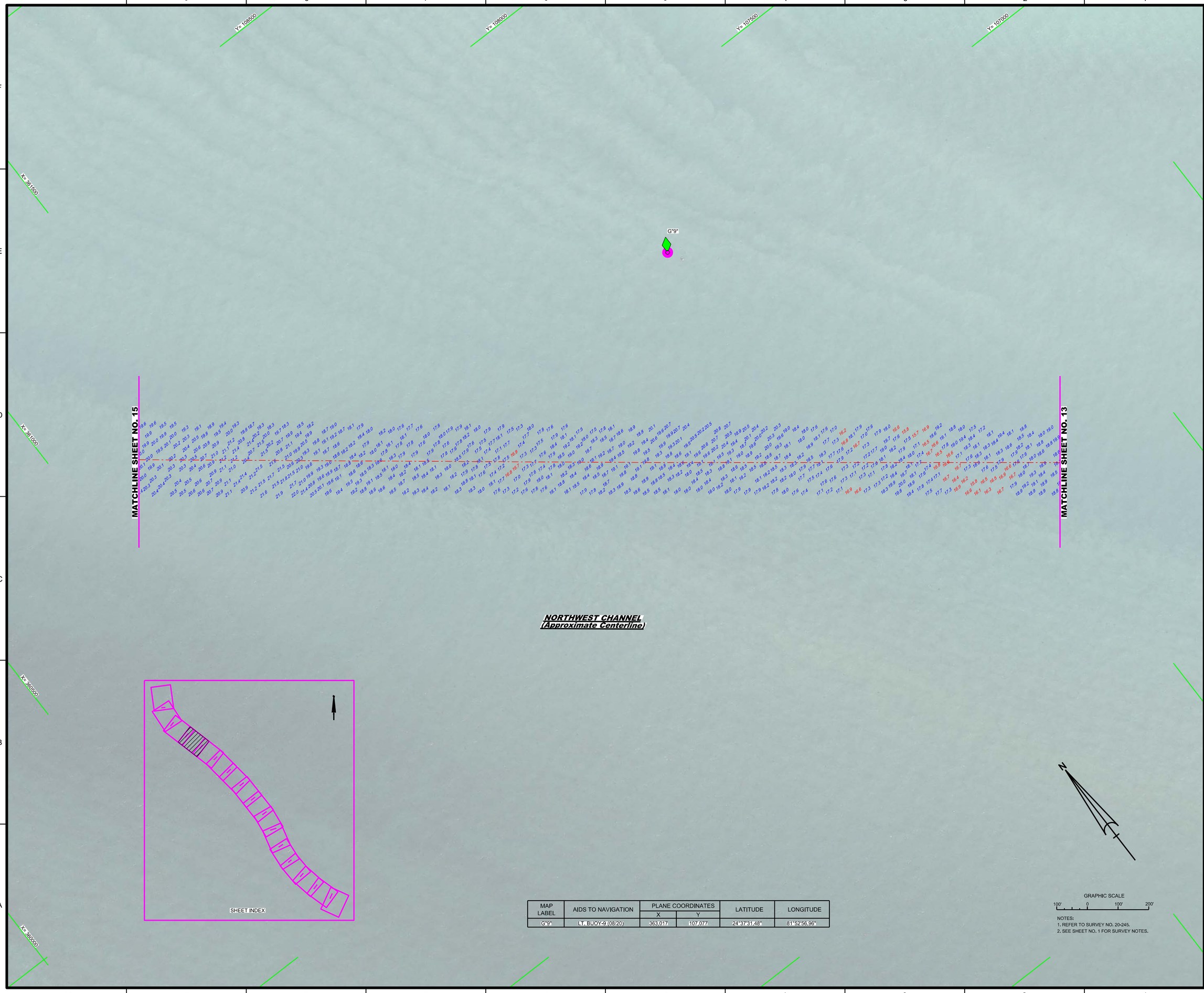
PLAN

Scale: AS SHOWN

Drawing no.

13

SHEET 13 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
G"9"	LT. BUOY-9 (08/20)	363,017	107,077	24°37'31.48"	81°52'56.96"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-245.
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
Rev. No. V0912EP-XXX-XXXX
Date: AUG 2020

XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXX.DGN
20-245-U-SOUN_NWC.DGN
XWH_CIVIL.DGN
20-245-C-BEBDR_NWC.DGN
Reference files:
20-245-VH31_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
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 (08/20)	359,858	108,011	24°37'40.43"	81°53'31.24"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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 2020

XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
XXXXXXXXXXXXXXXXX.DGN
20-245-N-SOUN_NWC.DGN
KWH_CHV8.DGN
20-245-C-BS-BRDR_NWC.DGN
Reference files:
20-245-VH015_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

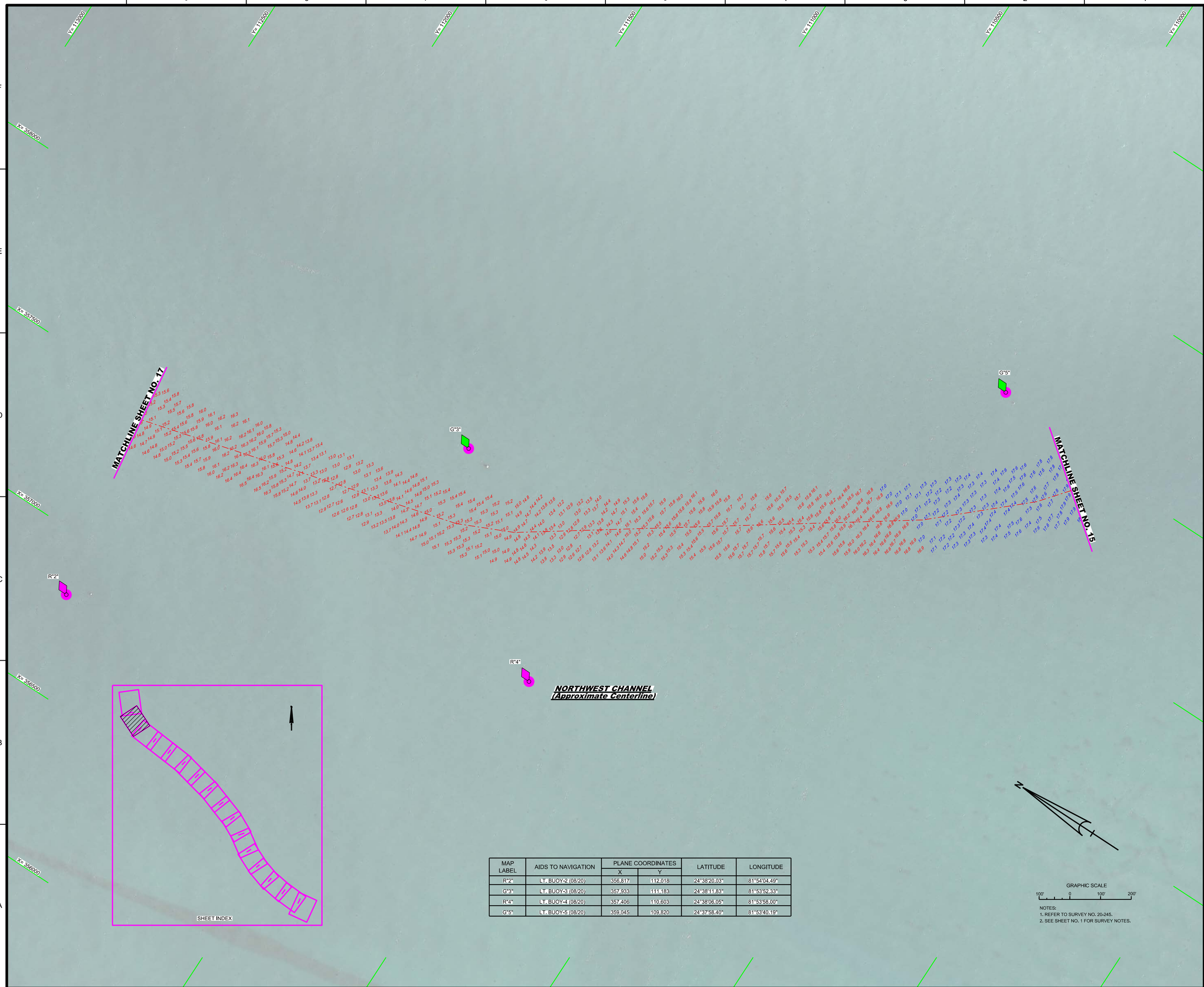
PLAN

Scale: AS SHOWN

Drawing no.

15

SHEET 15 OF 17



MAP LABEL	AIDS TO NAVIGATION	PLANE COORDINATES		LATITUDE	LONGITUDE
		X	Y		
R"2"	LT. BUOY-2 (08/20)	356,817	112,018	24°38'20.03"	81°54'04.49"
G"3"	LT. BUOY-3 (08/20)	357,933	111,183	24°38'11.83"	81°53'52.33"
R"4"	LT. BUOY-4 (08/20)	357,406	110,603	24°38'06.05"	81°53'58.00"
G"5"	LT. BUOY-5 (08/20)	359,045	109,820	24°37'58.40"	81°53'40.19"

NOTES:
1. REFER TO SURVEY NO. 20-245.
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. V9123EP-XX-X-XXXX
Date: AUG 2020

XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
XXXXXXXXXX-XXXXXXX.DGN
20-245-N-SOUN_NWC.DGN
KWH_CHVR.DGN
20-245-C-ES-BRDR_NWC.DGN
Reference files:
20-245-VHH16_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

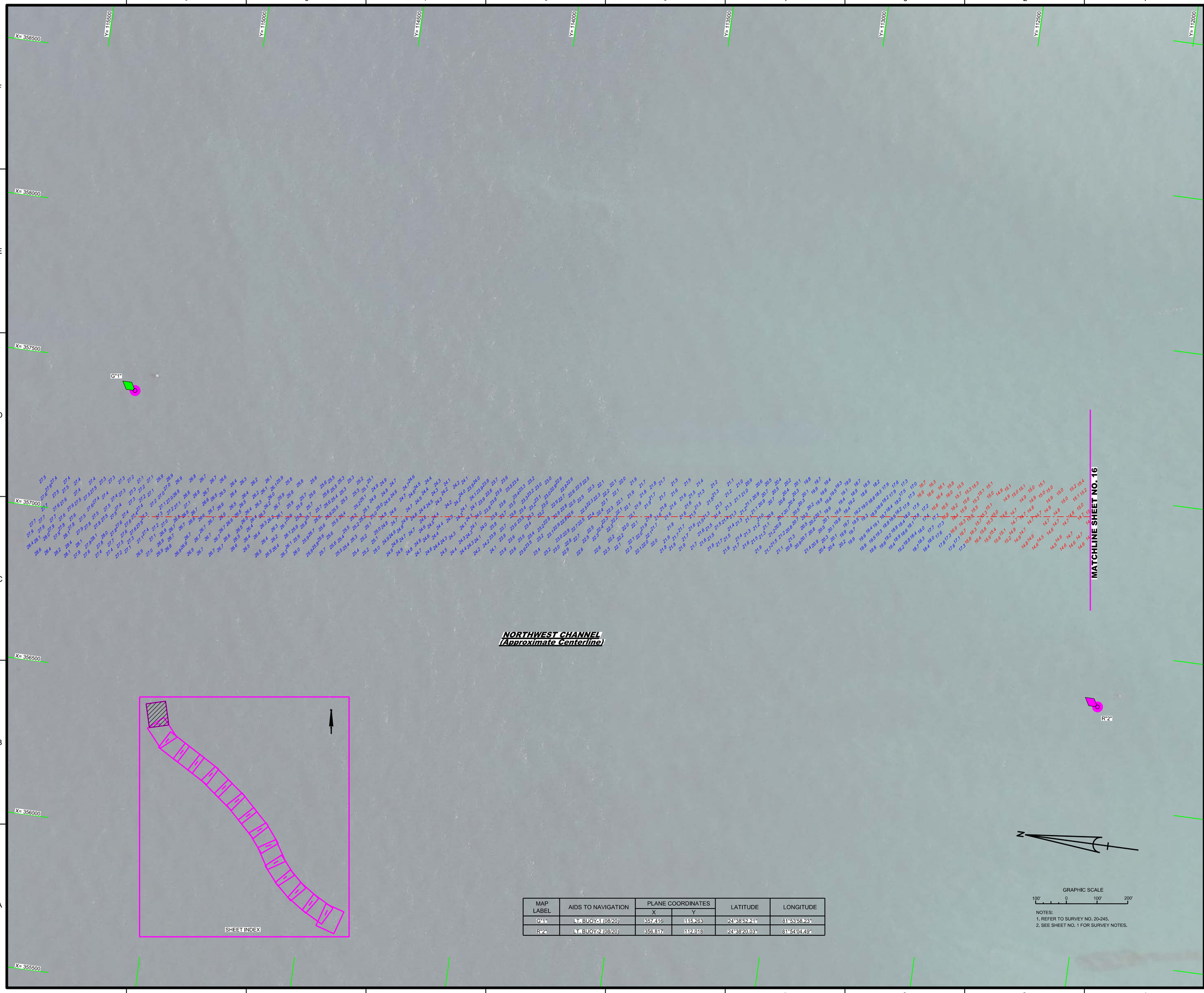
PLAN

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 (08/20)	357,416	115,263	24°38'52.21"	81°53'58.23"
R"2"	LT. BUOY-2 (08/20)	356,817	112,018	24°38'20.03"	81°54'04.49"

GRAPHIC SCALE

100' 0 100' 200'

NOTES:
1. REFER TO SURVEY NO. 20-245.
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: VRM
DWN by: VRM
Inv. No. W912EP-XX-X-XXX
Date: AUG 2020

XXXXXXXX-X-XXXXXXX.DGN
XXXXXXXX-X-XXXXXXX.DGN
XXXXXXXX-X-XXXXXXX.DGN
20-245-SVY-XXXX-XXXX
20-245-SVY-SQUN_NWC.DGN
XWH_CHV8.DGN
0X-245-CABS-BRDR_NWC.DGN
Reference files:
20-245-VH-017_NWC.DGN
File name:

KEY WEST HARBOR, FLORIDA
NORTHWEST CHANNEL

PROJECT CONDITION SURVEY FY20
17-FOOT PROJECT

NORTHWEST CHANNEL

PLAN

Scale: AS SHOWN

Drawing no.

17

SHEET 17 OF 17