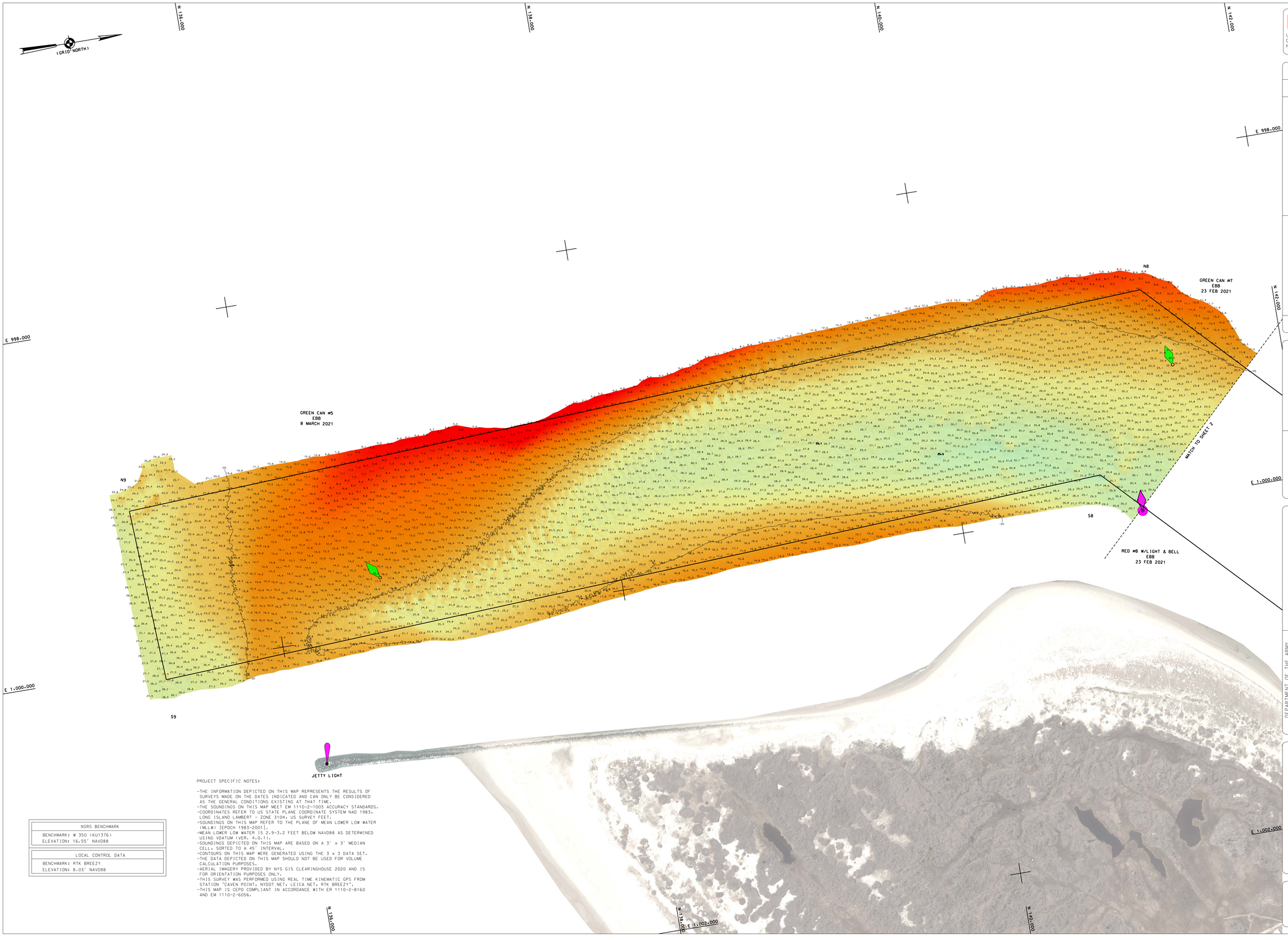

PROJECT SPECIFIC NOTES:

- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND LAMBERT - ZONE 3104, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
- MEAN LOWER LOW WATER IS 2.9-3.2 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.0.1).
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- AERIAL IMAGERY PROVIDED BY NYS GIS CLEARINGHOUSE 2020 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT, NYDOT NET, LEICA NET, RTK BREEZY".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

NSRS BENCHMARK
BENCHMARK: W 350 (KU1376)
ELEVATION: 16.55' NAVD88

LOCAL CONTROL DATA
BENCHMARK: RTK BREEZY
ELEVATION: 8.03' NAVD88

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CM		
MP	SG		

DATES OF SURVEY:
22-23,24 FEBUARY 2021
01-06,10,12 MARCH 2021
01-12,13 APRIL 2021

REQUEST NO./FILE NO.: 5036/D/N1

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
DHA 19

APPROVED: P. KEARNS/M. APPELD
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BRABER
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
BRANCH CHIEF OF SURVEYS

DATE: 19 APRIL 2021

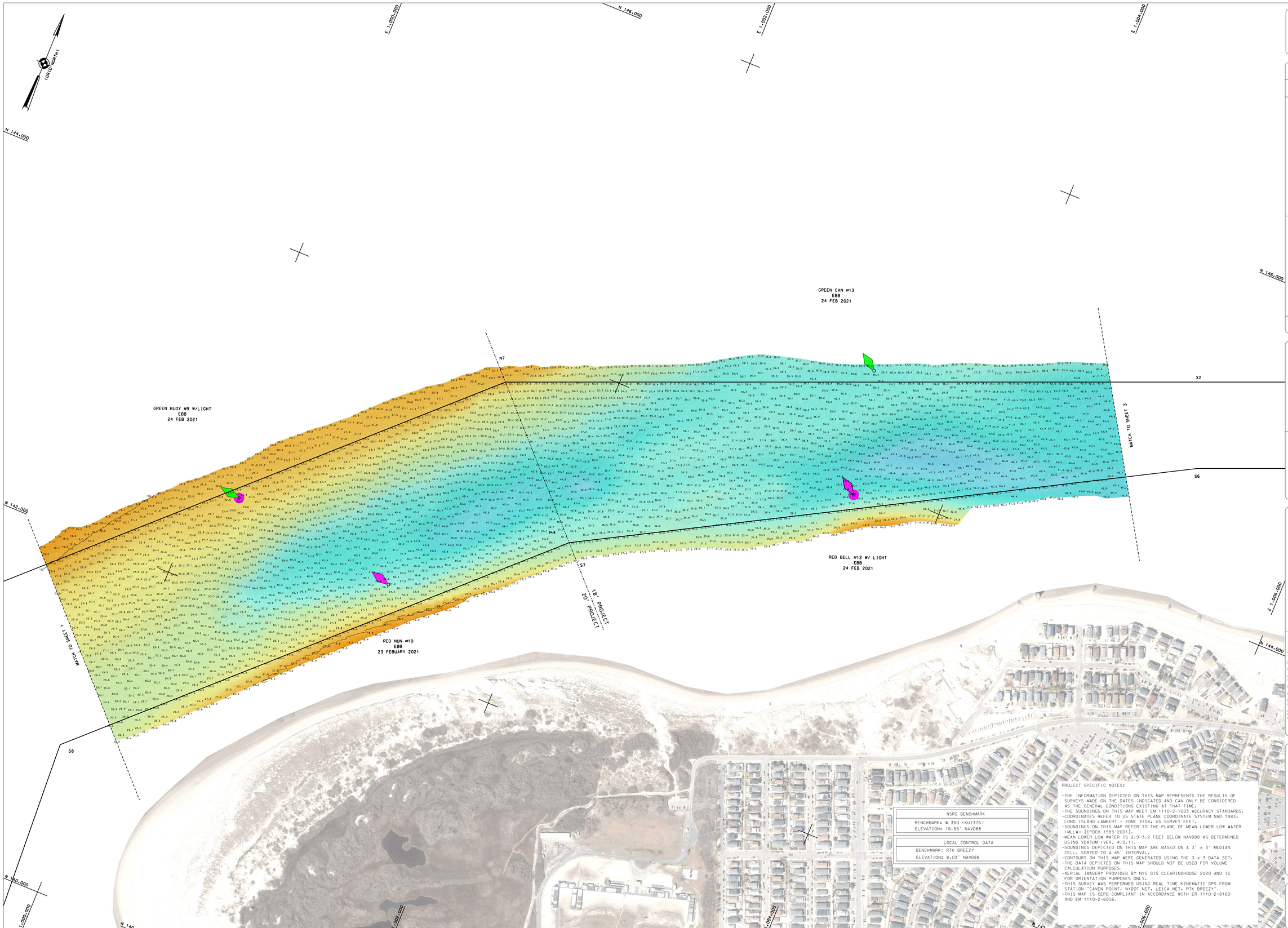
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

JAMAICA BAY
NEW YORK
CONDITION SURVEY

VH-101

SHEET 1 OF 4



NSRS BENCHMARK
BENCHMARK: W 350 (KU1376)
ELEVATION: 16.55' NAVD88

LOCAL CONTROL DATA
BENCHMARK: RTK BREEZY
ELEVATION: 8.03' NAVD88

PROJECT SPECIFIC NOTES:

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- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

				PR	CM
				MP	SG

DATES OF SURVEY:
22-23-24 FEBUARY 2021
01.08.10.12 MARCH 2021
01.12.13 APRIL 2021

REQ NO./FILE NO.: 5036/D/N1

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
DOWL LLC

APPROVED: P. KEARNS/M. APPELO — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BRADGER — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — SENIOR CHIEF OF SURVEYS
DATE: 19 APRIL 2021

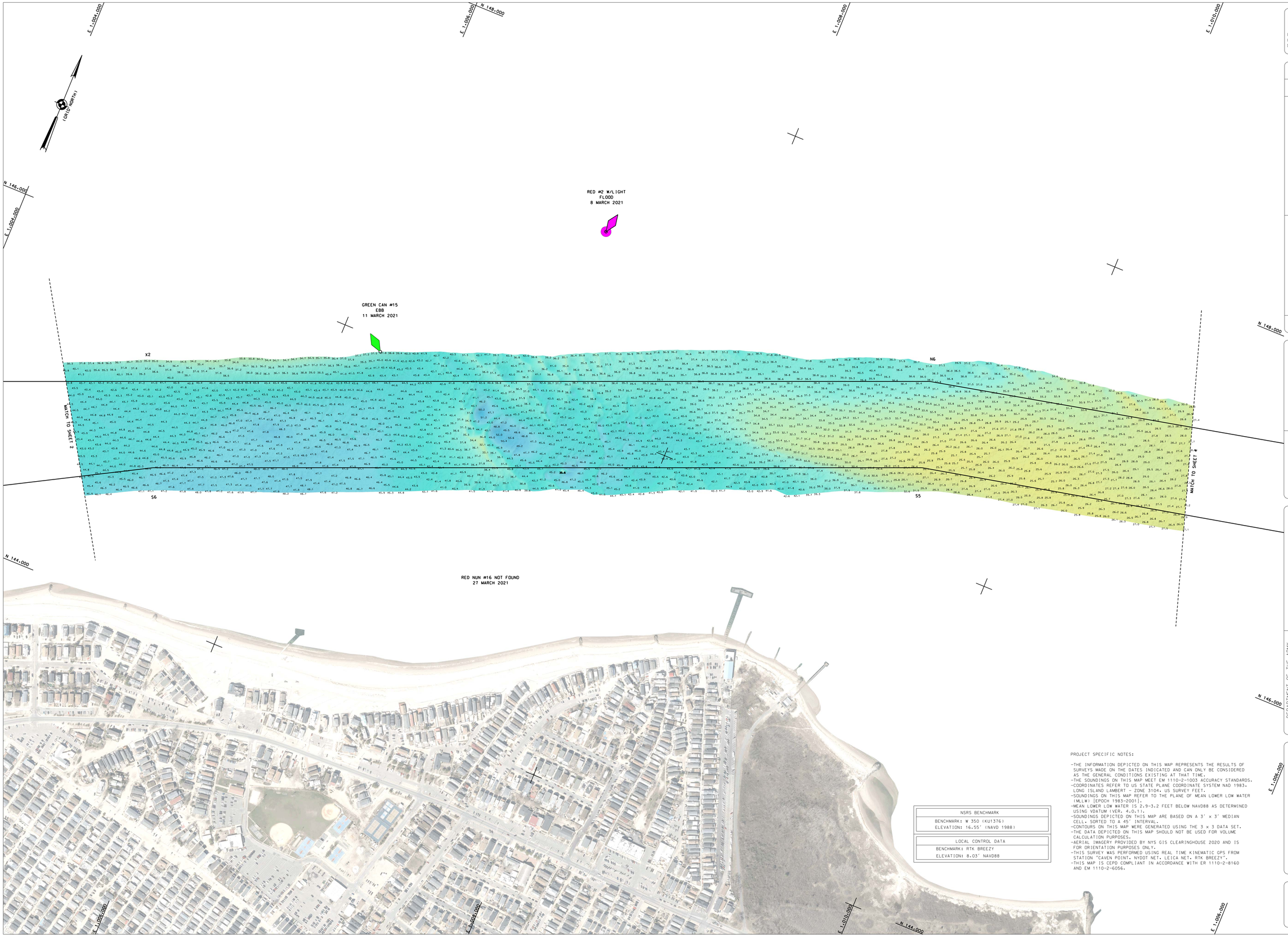
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

JAMAICA BAY
NEW YORK
CONDITION SURVEY

VH-102

SHEET 2 OF 4



NSRS BENCHMARK
BENCHMARK: W 350 (KU1376)
ELEVATION: 16.55' (NAVD 1988)

LOCAL CONTROL DATA
BENCHMARK: RTK BREEZY
ELEVATION: 8.03' NAVD88

PROJECT SPECIFIC NOTES:

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- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CM	
MP	SG	

DATES OF SURVEY:
22:23:24 FEBUARY 2021
01:08:10:12 MARCH 2021
01:12:13 APRIL 2021

REQUEST NO./FILE NO.: 5036/D/N1

SCALE:
ONE INCH = 300 FEET

FIELD BOOKS:
DNA 10

APPROVED: D. KEARNS/M. ARBELO
CHIEF, SURVEY & MAPPING BRANCH / CHIEF CARTOGRAPHER

APPROVED: M. FORTE
CHIEF, ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF CARTOGRAPHER

APPROVED: J. MRAZ
CHIEF, OPERATIONS DIVISION OF SURVEYS

DATE: 19 APRIL 2021

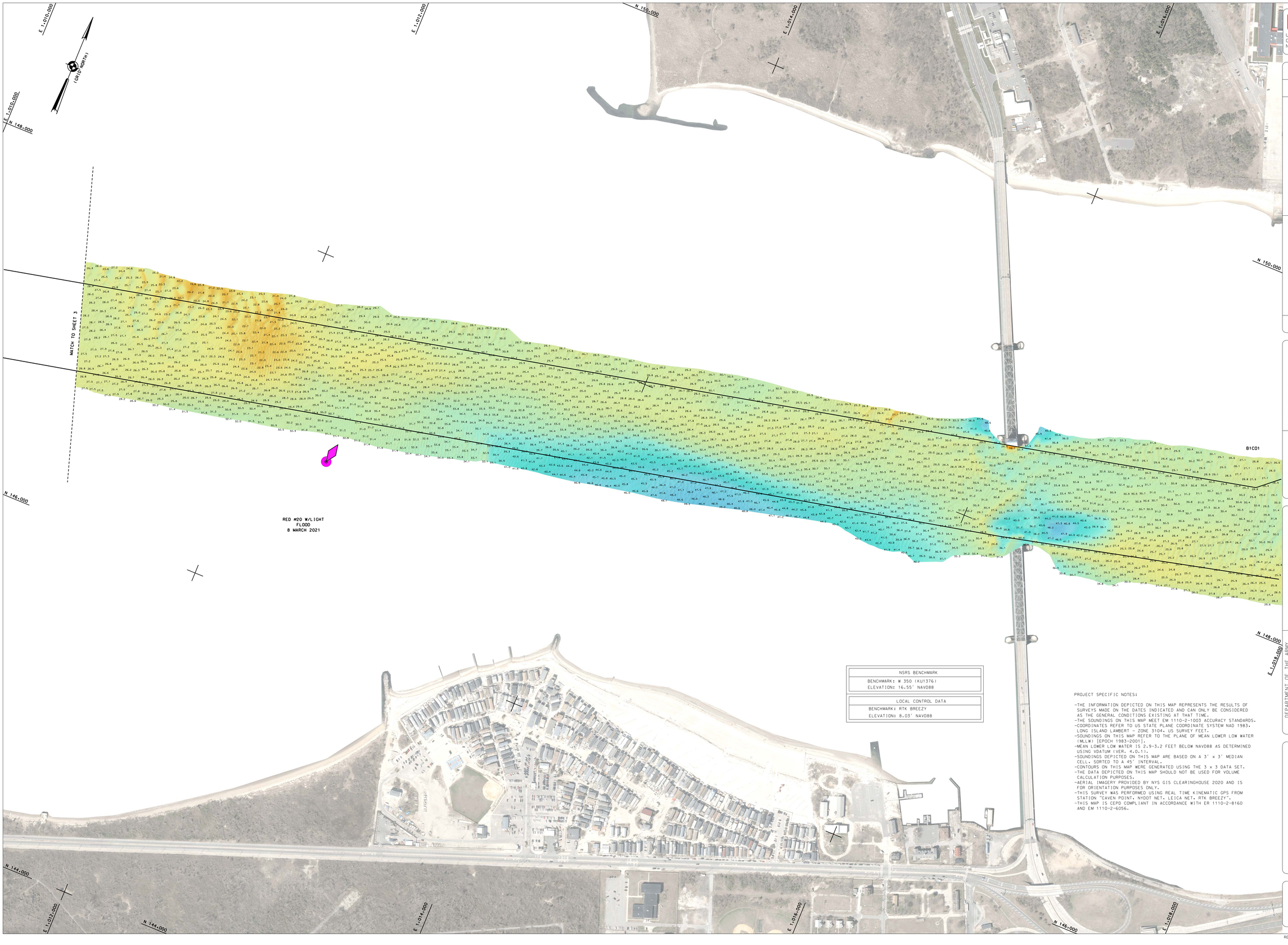
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS SECTION
CENAN-OP-S

JAMAICA BAY
NEW YORK
CONDITION SURVEY

VH-103

SHEET 3 OF 4



US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

	PR	CM
	MP	SG

DATES OF SURVEY:
22-23,24 FEBUARY 2021
01,08,10,12 MARCH 2021
01,12,13 APRIL 2021

REQUEST NO./FILE NO.: 5036/D/N1

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
QXM-10

APPROVED: P. KEARNS/M. APPELD
CHIEF, FIELD SURVEY

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF CARTOGRAPHER

APPROVED: J. MRAZ
CHIEF, SECTION OF MARKETS

DATE: 19 APRIL 2021

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NSRS BENCHMARK
BENCHMARK: W 350 (KU1376) ELEVATION: 16.55' NAVD88

LOCAL CONTROL DATA
BENCHMARK: RTK BREEZY ELEVATION: 8.03' NAVD88

PROJECT SPECIFIC NOTES:

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JAMAICA BAY
NEW YORK
CONDITION SURVEY

VH-104

SHEET 4 OF 4