[illegible]

SCALE : ONE INCH = 200 FEET	DATES OF SURVEY : 9-11-24, 27, 31 MARCH 2020
FIELD BOOKS : N/A	REQUEST NO./FILE NO. : 4532/0/NS

APPROVED: S. DANNING, L. GEORGE, J. MCKELVEY
FIELD ENGINEERS

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
LEAD GEOTECHNICAL

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEYS

DATE: 8 APRIL 2020

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

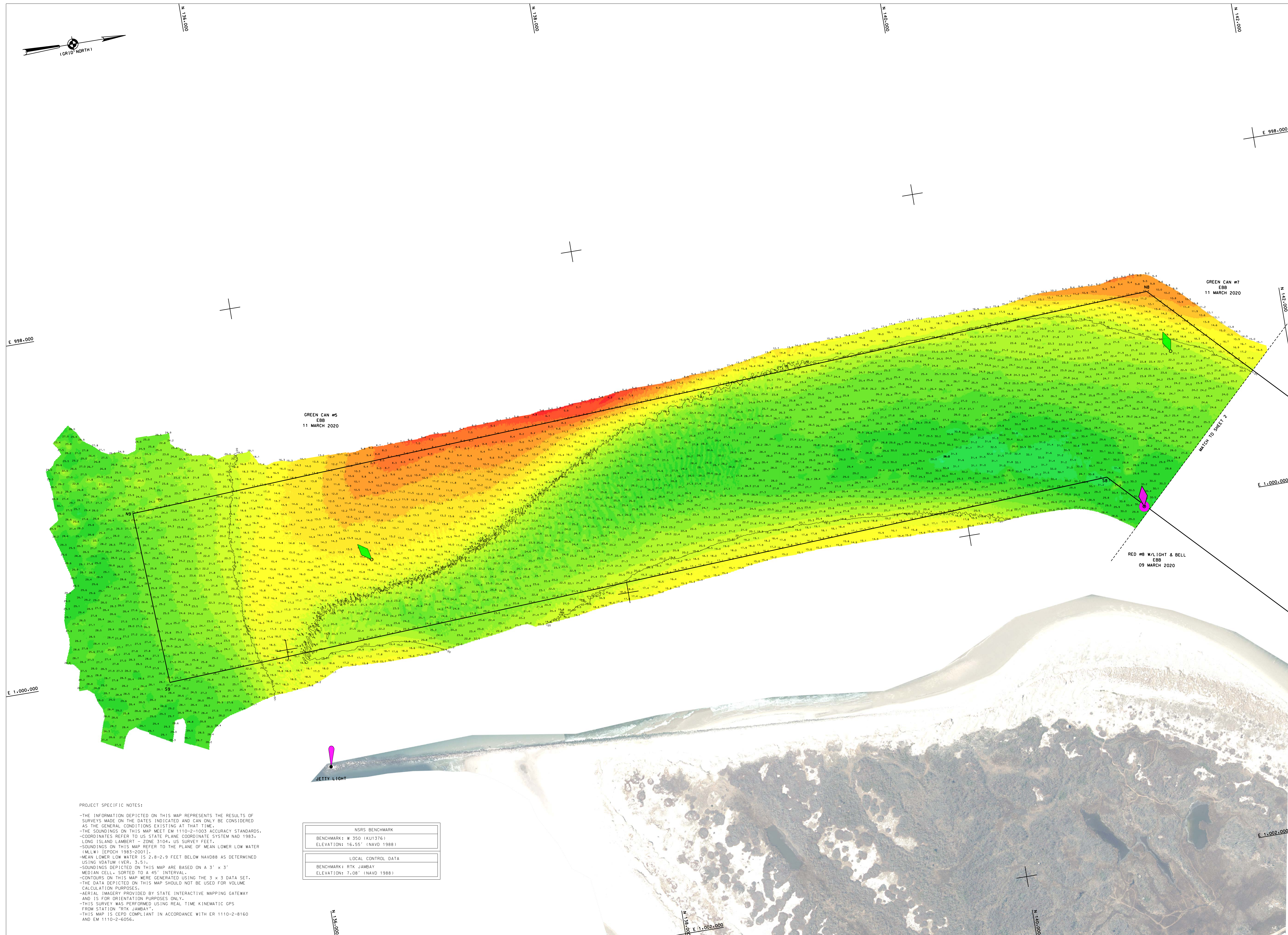
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

JAMAICA BAY
NEW YORK
CONDITION SURVEY

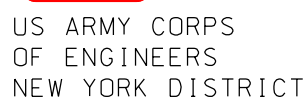
VH-101

SHEET 1 OF 4

REQ NO./FILE NO.: 4933/D/N3



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 DATA DEPICTED ON THIS MAP WERE OBTAINED IN ACCORDANCE WITH THE SURVEYING STANDARDS OF THE U.S. NAVY. COORDINATES REFER TO U.S. STATE PLANE COORDINATE SYSTEM NAD 83. THIS MAP IS NOT TO BE USED FOR NAVIGATION PURPOSES. THE SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPCHD 1983-2001]. MEAN LOWER LOW WATER (MLLW) IS 8.2-9.2 FEET BELOW NAVD83 AS DETERMINED USING DATUM (VER. 3.5.1). SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL. PORTED AT 15' INTERVAL. CONTOURS ON THIS MAP WERE GENERATED USING THE 3 x 3 DATA SET. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES. AERIAL IMAGERY PROVIDED BY STATE INTERACTIVE MAPPING GATEWAY AND IS FOR ORIENTATION PURPOSES ONLY. THIS SURVEY WAS CONDUCTED USING REAL TIME KINEMATIC GPS FROM STATION "RTK JAMBA". THIS MAP IS NOT COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EN 1110-2-2.2.2.

[illegible]

SCALE: ONE INCH = 200 FEET	DATES OF SURVEY: 9-11, 24, 27, 31 MARCH 2020
FIELD BOOKS: N/A	REQUEST NO./FILE NO. : 4033/0/A3

APPROVED: S. GARCIA, L. GEORGE, J. McELVEY
FIELD SUPERVISORS

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
LOCAL SUPERVISOR

APPROVED: J. MRAZ
CIVIL DATE OF SURVEY

DATE: 8 APRIL 2020

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

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 ARE TO THE 100-1003 CURRACY STANDARDS. COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM MAP 1983.

THE SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPCH 1983-2001].

MEAN LOWER LOW WATER IS 0.8-2 FEET BELOW NAVD83 AS DETERMINED USING DATUM (VER. 3-51).

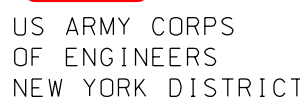
SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL SIZE WITH A 15' INTERVAL.

CONTOURS ON THIS MAP WERE GENERATED USING THE 3 x 3 DATA SET. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION OR CORRELATION.

AERIAL IMAGERY PROVIDED BY STATE INTERACTIVE MAPPING GATEWAY AND IS FOR ORIENTATION PURPOSES ONLY.

THIS SURVEY WAS PERFORMED USING REAL TIME KINETIC GPS FROM STATION "RTK_BAY".

THIS MAP IS NOT COMPLIANT IN ACCORDANCE WITH EM 1110-2-8161 AND EM 1110-2-065.

[illegible]

DATES OF SURVEY:

SCALE:

APPROVED: S. GARCIA, L. GEORGE, J. MAXWELL

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT

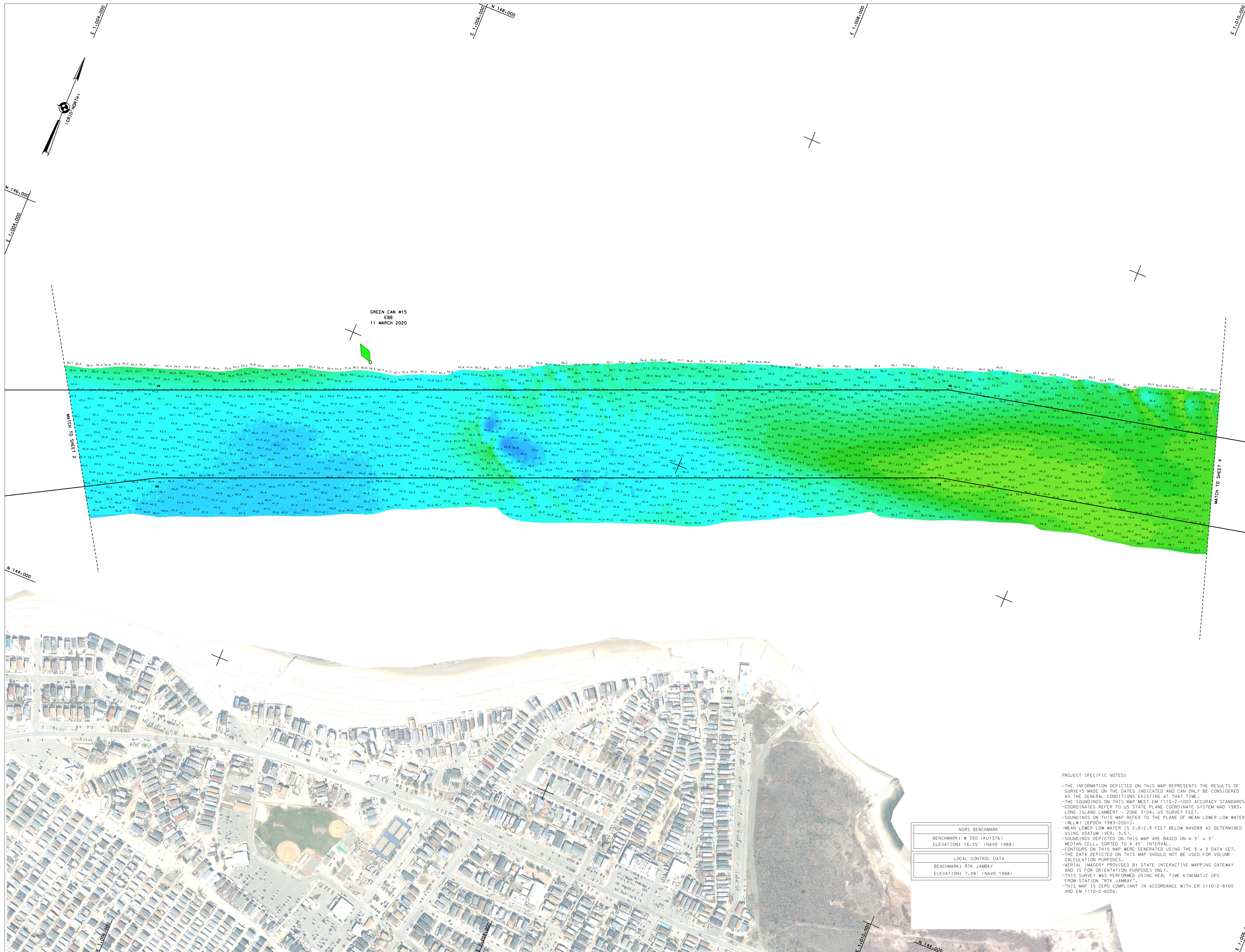
JAMAICA BAY

JAMAICA BAR

VH-103

SHEET 3 OF 4

REQ NO./FILE NO.: 4933/D/N3





DATES OF SURVEY:
9-11,24,27,31 MARCH 2020

SCALE:
ONE INCH = 200 FT

FIELD BOOKS:
N/A

APPROVED: L. GEORGE S. RANFIERI, J. MCSEVEY
LEAD ENGINEERING

APPROVED: M. FORTE
CHIEF ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
LEAD CARPENTER

APPROVED: J. MRAZ
CHIEF CHIEF OF SURVEY

DATE: 8 APRIL 2020

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-QP-S

JAMAICA BAY
NEW YORK
CONDITION SURVEY

VH-104

SHEET 4 OF 4

REQ NO./FILE NO.: 4933/D/N3

