

[illegible]

DATES OF SURVEY:

SCALE:

FIELD BOOKS:

APPROVED: M. APPELO

APPROVED: M. FORTE

APPROVED: P. BHADUR

APPROVED: J. MRAZ

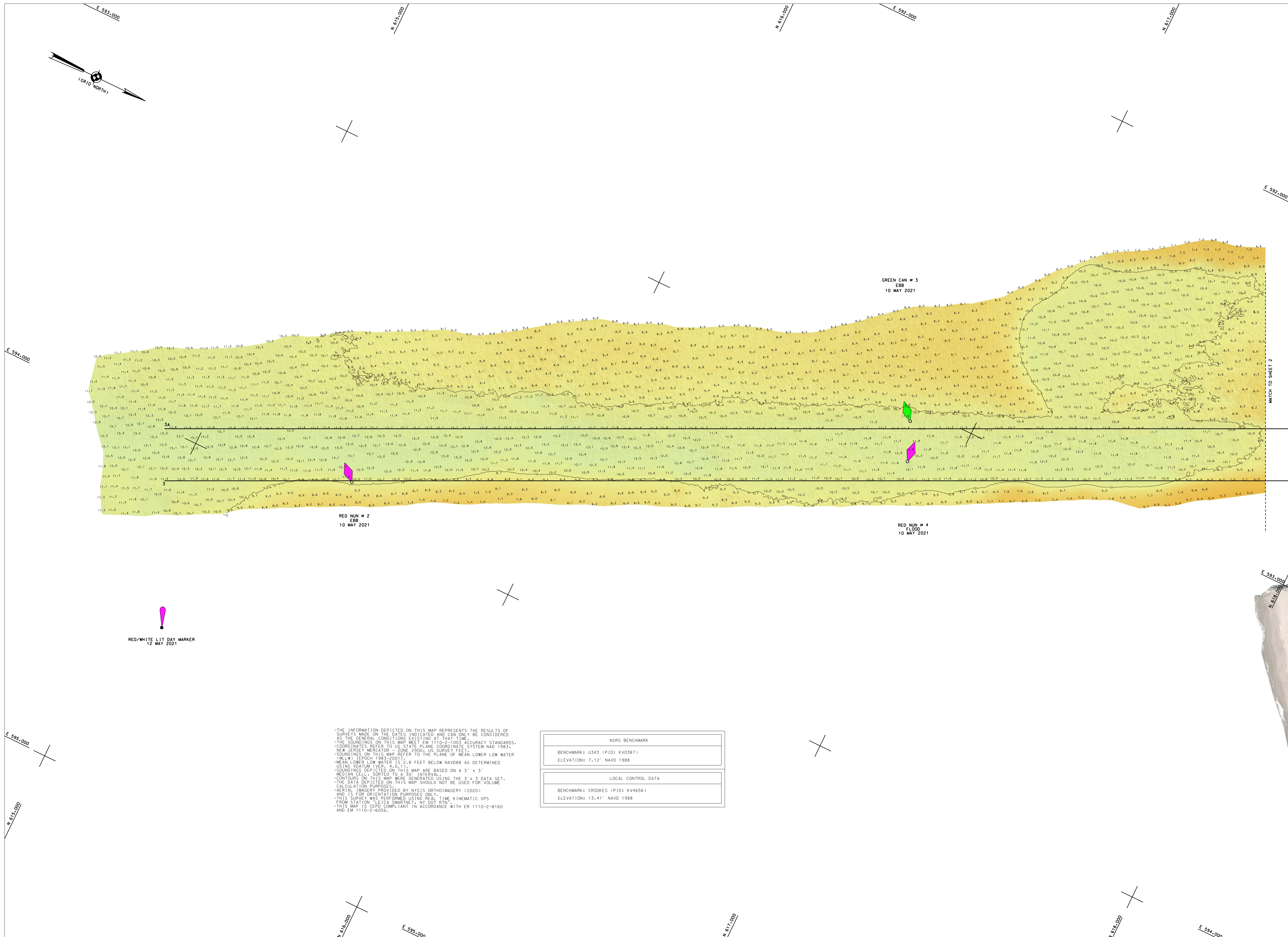
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

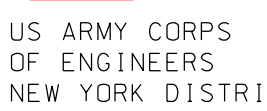
OPERATIONS DIVISION

SURVEY SECTION
CENANL0P-5

GREAT KILLS HARBOR
TATEN ISLAND, NEW YORK
CONDITION SURVEY

VH-101



[illegible]

DATES OF SURVEY:
 26 APRIL 2021
 3.6.10.12-13 MAY 2021

APPROVED: M. APPEL	FIELD ENGINEER
APPROVED: M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR	LEAD CARTOGRAPHER
APPROVED: J. MPAZ	LEAD CARTOGRAPHER

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

OPERATIONS DIVISION
SURVEY SECTION
CEWAN-OP-S

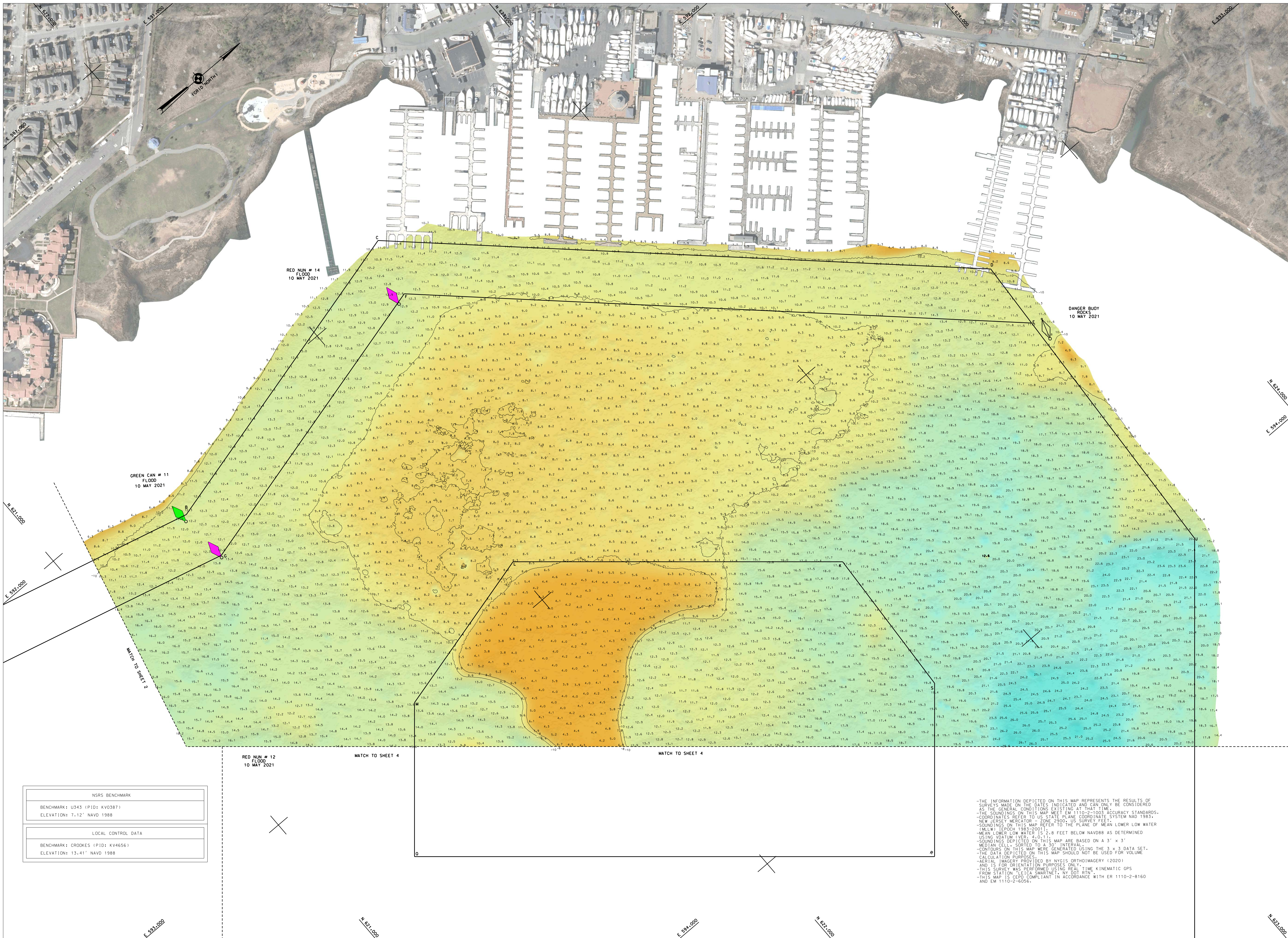
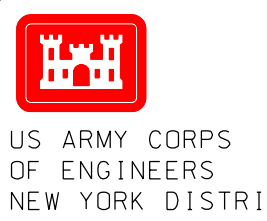
GREAT KILLS HARBOR
STATEN ISLAND, NEW YORK
CONDITION SURVEY

VH-102

SHEET 2 OF 4

REQ. NO./FILE NO.: 5052/N1/N2/N





NSRS BENCHMARK
BENCHMARK: U343 (PID: KVO387)
ELEVATION: 7.12' NAVD 1988
LOCAL CONTROL DATA
BENCHMARK: CROOKES (PID: KV456)
ELEVATION: 13.41' NAVD 1988

-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+ NEW JERSEY MERCATOR ZONE 2000, 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 2.8 FEET BELOW NAVD83 AS DETERMINED USING VDATUM (VER. 4.0.1).
-SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 30' INTERVAL.
-SOUNDINGS 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 NYSIS ORTHOIMAGERY (2020) AND IS FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION LEICA SMARTREX, VYDOT RTN.
-THIS MAP IS CEED COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

DATE OF SURVEY:	3-4-10-12-15 MAY 2021
SCALE:	ONE INCH = 100 FEET
FIELD BOOKS:	1043
REQ. NO/FILE NO.:	5052/NV/N3
PR	PDC
MP	CM

APPROVED: M. ARPEL	FREE OF OBSTRUCTION
APPROVED: M. ERIE	NO OBSTRUCTION
APPROVED: P. BRIDG	NO OBSTRUCTION
APPROVED: J. WAZ	NO OBSTRUCTION
DATE:	26 MAY 2021

DEPARTMENT OF THE ARMY ENGINEERS NEW YORK - NEW YORK 10278	OPERATIONS DIVISION STATEN ISLAND CENNAOPS
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[illegible]

DATES OF SURVEY:
 26 APRIL 2021
 3.6.10.12-13 MAY 2021

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1043

APPROVED: M. APPELO FIELD ENGINEER

APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHAJOUR LOT 04-00002626

APPROVED: J. MRAZ BROWN OAK OF 2004®

DATE: 26 MAY 2021

NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

GREAT KILLS HARBOR
STATEN ISLAND, NEW YORK
CONDITION SURVEY

VH-104

SHEET 4 OF 4

Q. NO/FILE NO.: 5052/N1/N2/N3

