[illegible]

DATES OF SURVEY:

SCALE:

APPROVED: P. KEARNS, J. MCKELVEY
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
FIELD ENGINEER

APPROVED: J. MRAZ
SENIOR CHIEF OF SURVEY

DATE: 11 MAY 2021

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10226

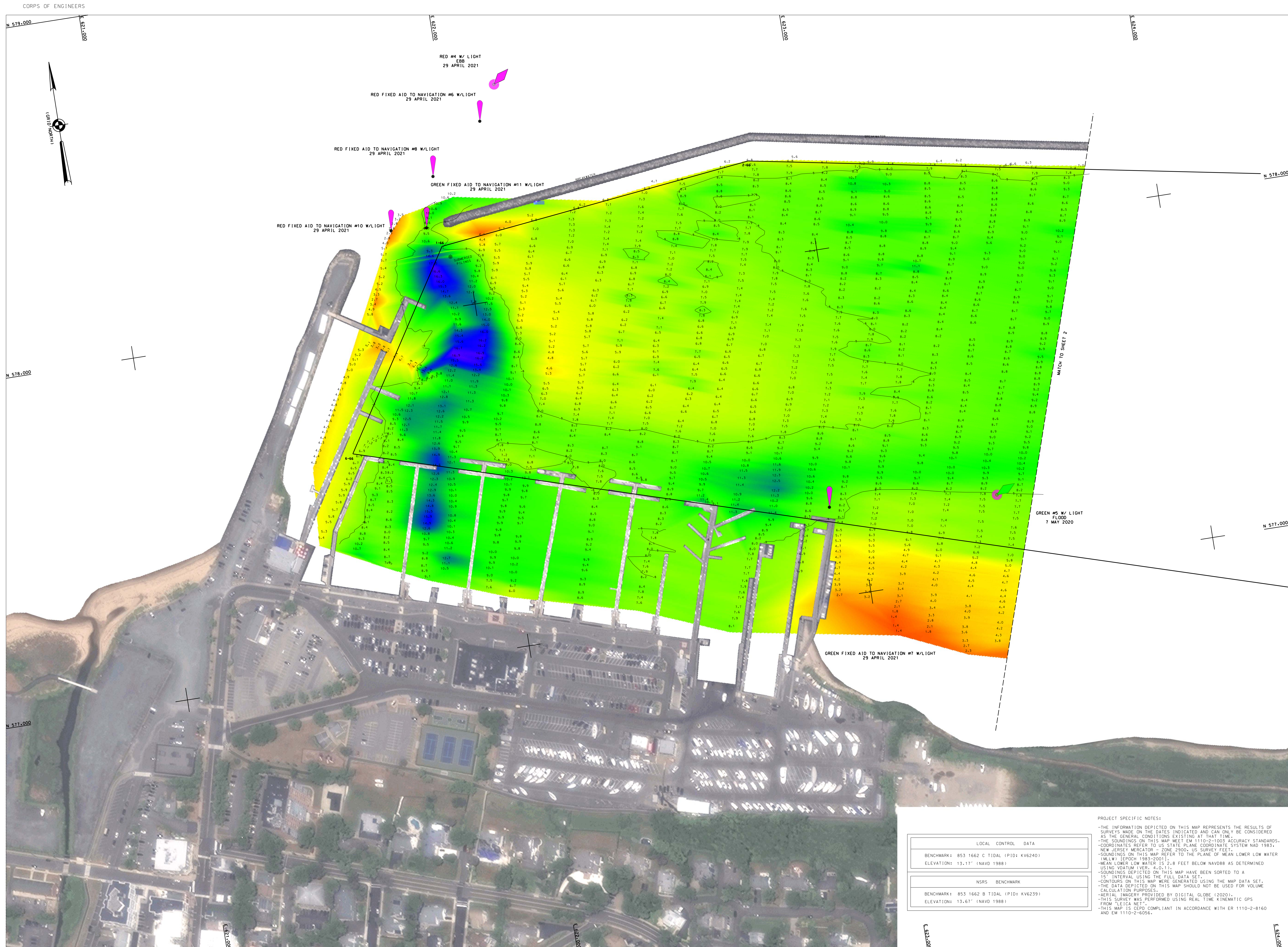
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

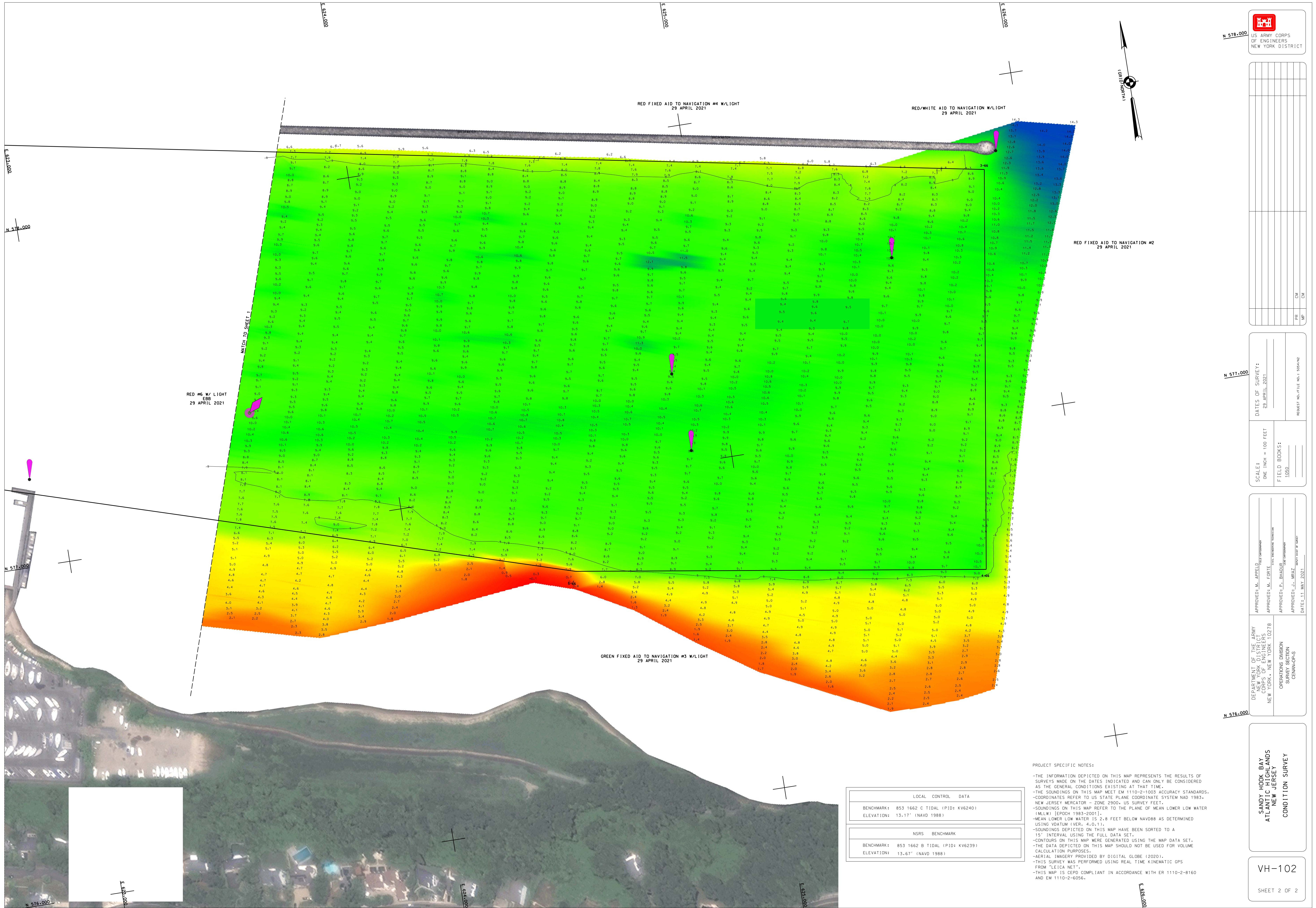
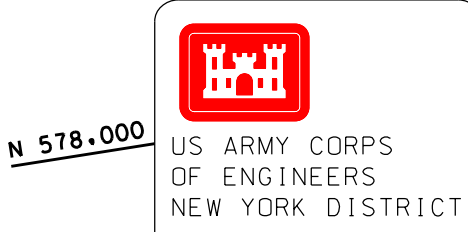
SANDY HOOK BAY
ATLANTIC HIGHLANDS
NEW JERSEY
CONDITION SURVEY

VH-101

SHEET 1 OF 2

REQUEST NO./FILE NO.: 5054/N2





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, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [SPDCH 1983-2001].
- MEAN LOWER LOW WATER IS 2.8 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.0.11).
- SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
- CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY DIGITAL GLOBE (2020).
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM "LEICA NET".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

LOCAL CONTROL DATA	
BENCHMARK:	853 1662 C TIDAL (PID: KV6240)
ELEVATION:	13.17' (NAVD 1988)
NSRS BENCHMARK	
BENCHMARK:	853 1662 B TIDAL (PID: KV6239)
ELEVATION:	13.67' (NAVD 1988)

SANDY HOOK BAY
ATLANTIC HIGHLANDS
NEW JERSEY
CONDITION SURVEY

VH-102

SHEET 2 OF 2