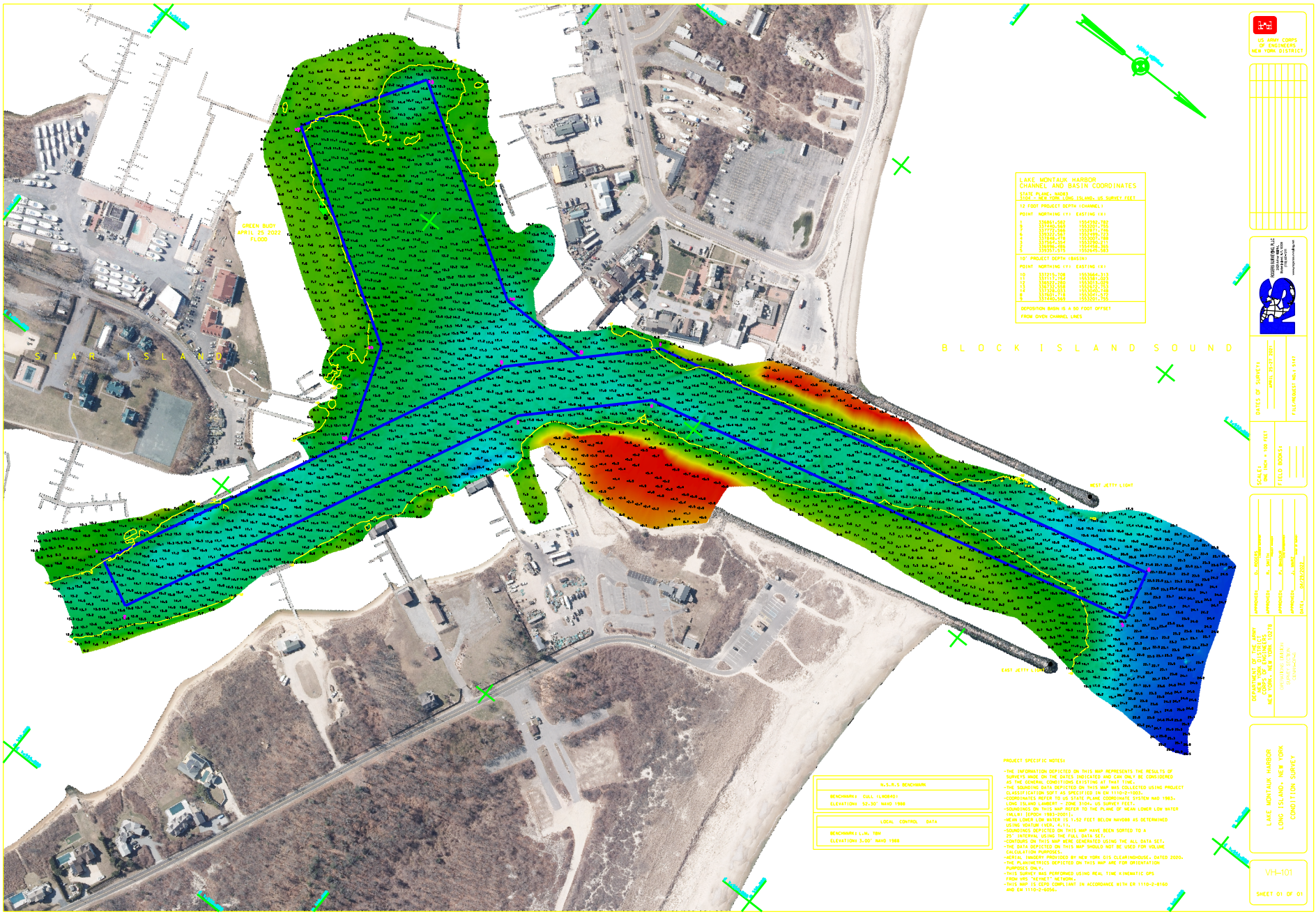
CORPS OF ENGINEERS
U. S. ARMY
GREEN BUOY
APRIL 25 2022
FLOOD
STAR ISLAND
BLOCK ISLAND SOUND
WEST JETTY LIGHT
EAST JETTY LIGHT
LAKE MONTAUK HARBOR
CHANNEL AND BASIN COORDINATES
STATE PLANE ( NAD83 )
FOOT - NEW YORK LONG ISLAND, US SURVEY FEET
12 FOOT PROJECT DEPTH (CHANNEL)
POINT NORTHING (Y) EASTING (X)
1 1054567.000 1054567.000
2 1054567.000 1053567.000
3 1053567.000 1053567.000
4 1053567.000 1054567.000
5 1054567.000 1054567.000
6 1054567.000 1053567.000
7 1053567.000 1053567.000
8 1053567.000 1054567.000
10' PROJECT DEPTH (BASIN)
POINT NORTHING (Y) EASTING (X)
1 1052567.000 1052567.000
2 1052567.000 1051567.000
3 1051567.000 1051567.000
4 1051567.000 1052567.000
5 1052567.000 1052567.000
6 1052567.000 1051567.000
7 1051567.000 1051567.000
8 1051567.000 1052567.000
DEPOSITION BASIN IS A 50 FOOT OFFSET
FROM OVER CHANNEL LINES
N.S.R.S BENCHMARK
BENCHMARK CULL (LMO840)
ELEVATION 52.30' NAVD 1988
LOCAL CONTROL DATA
BENCHMARK L.M. TBM
ELEVATION 3.00' NAVD 1988
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 SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION SOFT AS SPECIFIED IN EM 1110-2-1003.
-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 1.52 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.1).
-SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 25' INTERVAL USING THE FINAL DATA SET.
-CONTOURS ON THIS MAP WERE GENERATED USING THE ALL DATA SET.
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-AERIAL IMAGERY PROVIDED BY NEW YORK GIS CLEARINGHOUSE, DATED 2020.
-THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM VRS "NEYNET" NETWORK.
-THIS MAP IS CADD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT
DATES OF SURVEY: APRIL 25-27, 2022
SCALE: 1" = 100 FEET
FIELD BOOK: 51
FILE/PROJECT NO.: 5147
DEPARTMENT OF THE ARMY CORPS OF ENGINEERS NEW YORK, NEW YORK 10278
APPROVED: D. ROSEN
APPROVED: G. ZEIS
APPROVED: E. BRIGGS
APPROVED: J. MOE
DATE: 05/25/2022
LAKE MONTAUK HARBOR
LONG ISLAND, NEW YORK
CONDITION SURVEY
VH-101
SHEET 01 OF 01
FILE / REG NO.: 5147