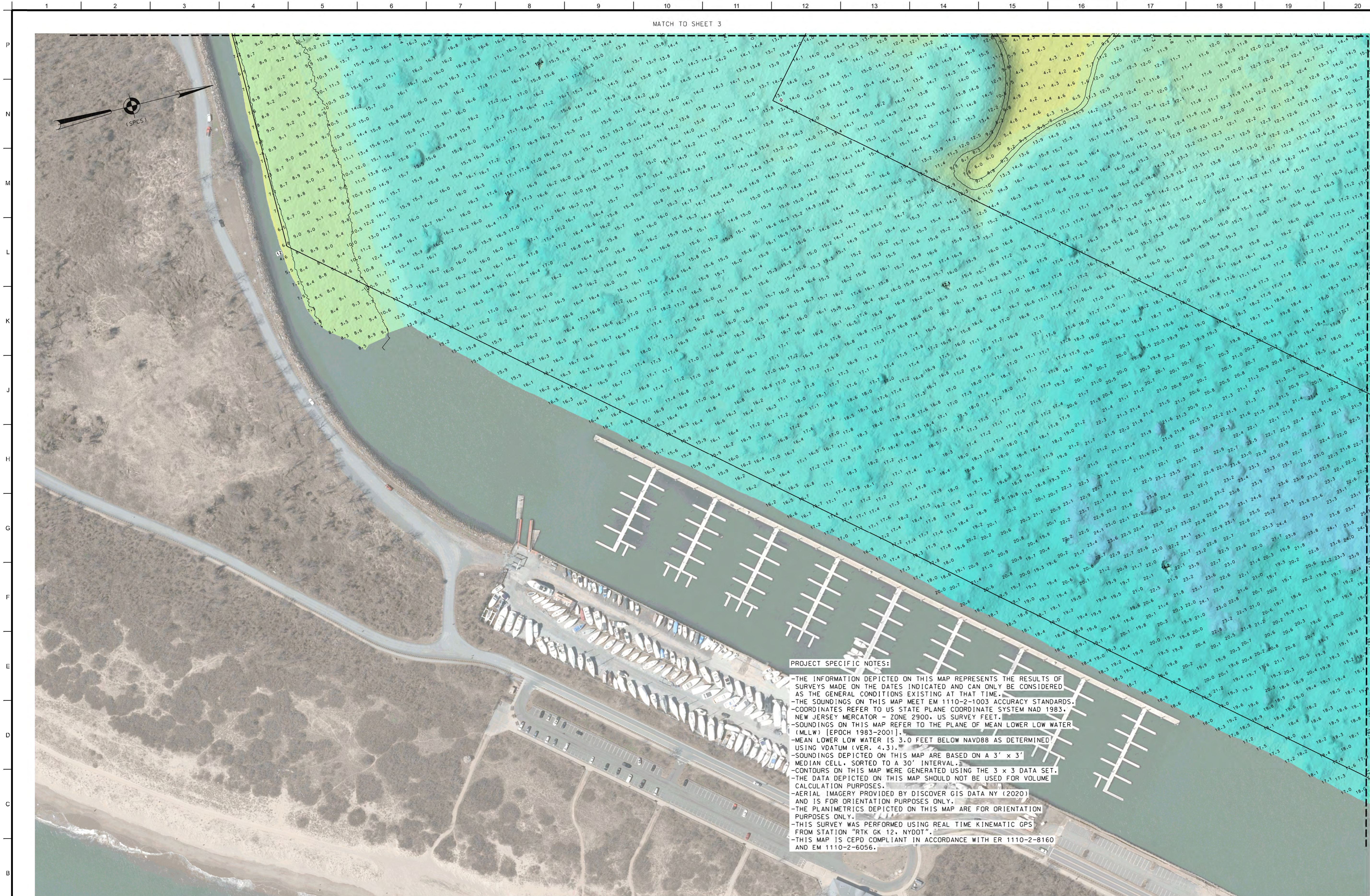






0 100' 200'

PROJECT SPECIFIC NOTES:

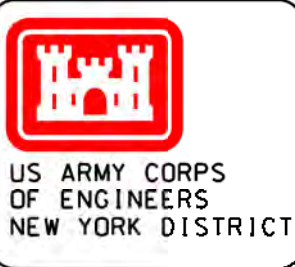
- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
- MEAN LOWER LOW WATER IS 3.0 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.3).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 30' 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 DISCOVER GIS DATA NY (2020) AND IS FOR ORIENTATION PURPOSES ONLY.
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "RTK GK 12, NYDOT".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

LOCAL CONTROL DATA

BENCHMARK: CROOKES (PID:KV4656)
ELEVATION: 13.41' (NAVD 1988)

NSRS BENCHMARK

BENCHMARK: U 343 (PID:KV0387)
ELEVATION: 7.12' (NAVD 1988)



DATES OF SURVEY:
02-21-22, 23 JUNE 2022
27 JUNE 2022
05-06-07 JULY 2022
REQ. NO./FILE NO.:5177/NY/NA/AL

SCALE:
ONE INCH = 100 FEET
FIELD BOOKS:
N/A

APPROVED: M. APPELD FIELD CARTOGRAPHER
APPROVED: M. FORTE CHIEF ENGINEERING TECHNICIAN
APPROVED: P. BALLOUS LEAD CARTOGRAPHER
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEY
DATE: 14 JULY 2022

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278
OPERATIONS DIVISION
SURVEY SECTION
CCENAN-OPS-S

GREAT KILLS HARBOR
STATEN ISLAND, NEW YORK
CONDITION SURVEY

VH-105
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