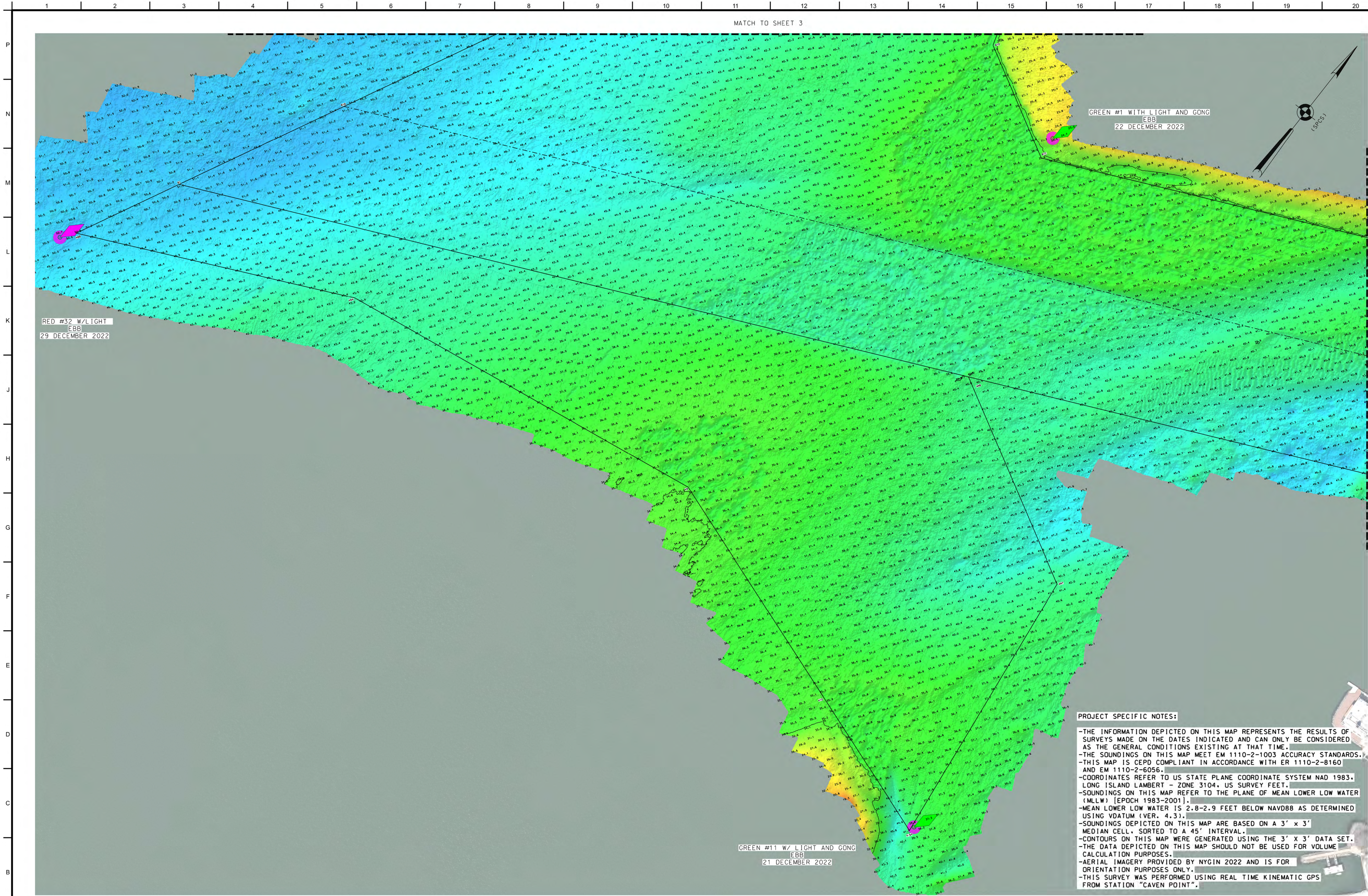
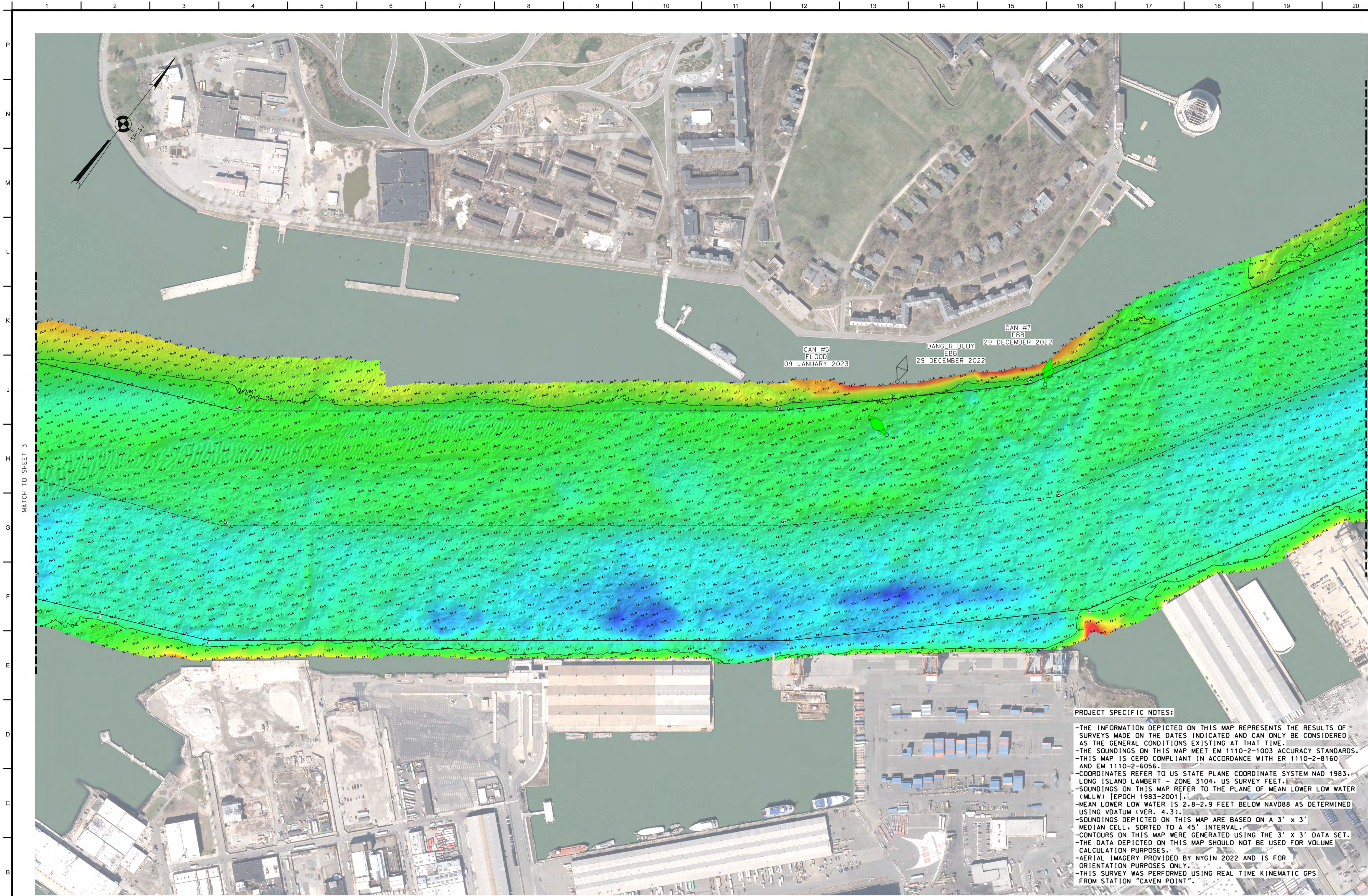






0 200' 400'

LOCAL CONTROL DATA

BENCHMARK: D44 (KVO561)
ELEVATION: 35.99' (NAVD 1988)

NSRS BENCHMARK

BENCHMARK: VAL PIER 2 NORTH
ELEVATION: 7.34' (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 SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
- 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 2.8-2.9 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 45' 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 NYGIN 2022 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT".

MATCH TO SHEET 5



PR	ESD/JHS/GM
MP	

DATES OF SURVEY:	15- 21- 22 DECEMBER 2022
	28- 29 DECEMBER 2022
	03 JANUARY 2023
SCALE:	ONE INCH = 200 FEET
FIELD BOOKS:	DNA 10
REQ. NO./FILE NO.:	15251/N11/M3

APPROVED:	P. KEARNS, N. VITOLO
APPROVED:	M. FORTI
APPROVED:	P. BALDUR
APPROVED:	J.L. MRAZ
DATE:	09 JANUARY 2023

DEPARTMENT OF THE ARMY	OPERATIONS DIVISION
U.S. ARMY CORPS OF ENGINEERS	SURVEYS AND MAPPING BRANCH
NEW YORK DISTRICT	CENAM-OP-S
NEW YORK, NEW YORK 10278	

BUTTERMILK CHANNEL
NEW YORK
CONDITION SURVEY

VH-104

4 OF 5

