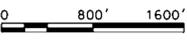
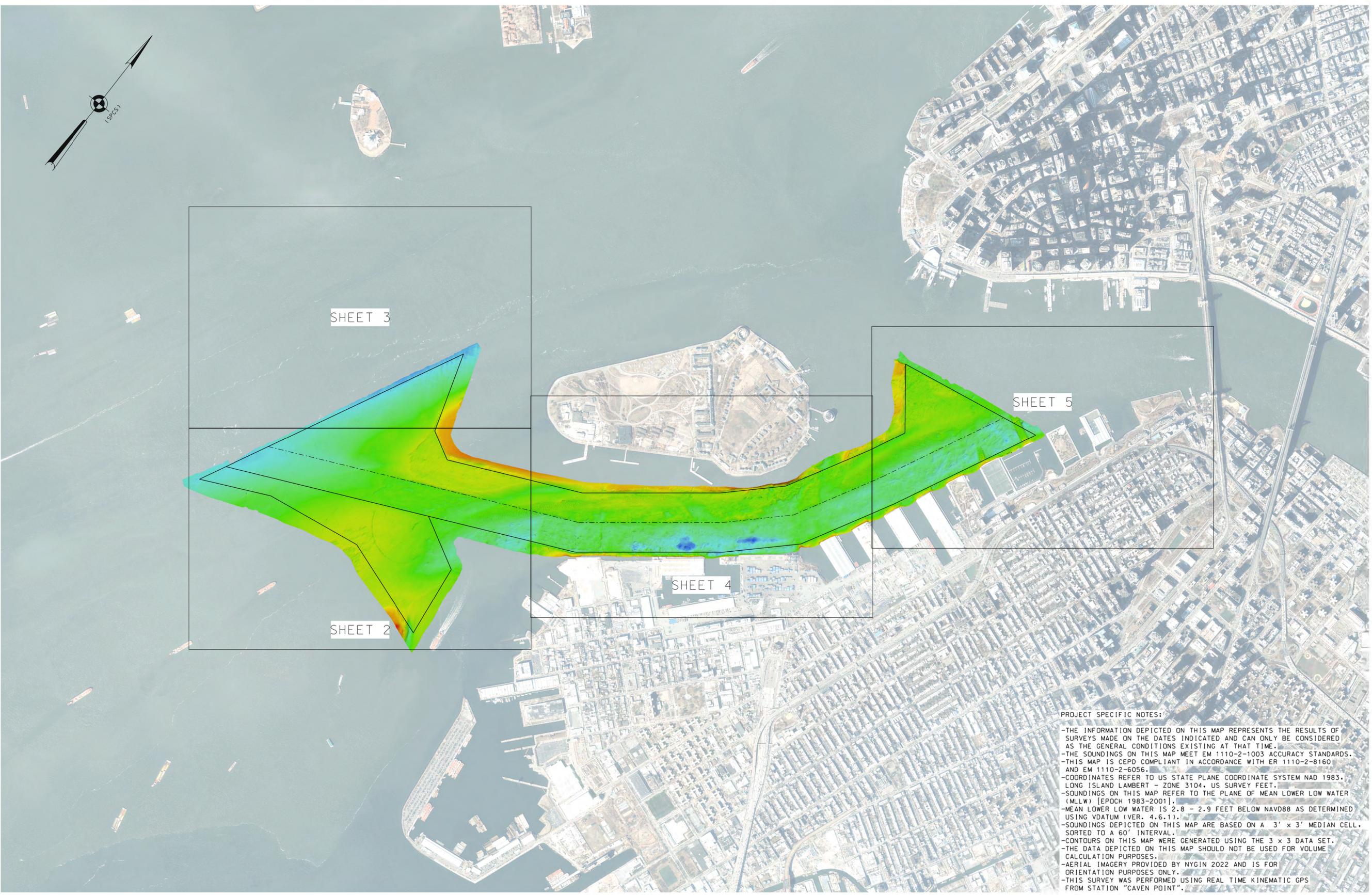


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PROJECT SPECIFIC NOTES:

- 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. 4.6.1).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 60' 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".

LOCAL CONTROL DATA	
BENCHMARK: D 44	(PID:KV0567)
ELEVATION: 35.99'	(NAVD 1988)

NSRS BENCHMARK	
BENCHMARK: VAL PIER 2 NORTH	
ELEVATION: 7.34'	(NAVD 1988)



US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	ED. CWF
MP	CWF

DATES OF SURVEY: 27-28 FEBRUARY 2024 26 MARCH 2024	REG. NO./FILE NO.: 15415/D
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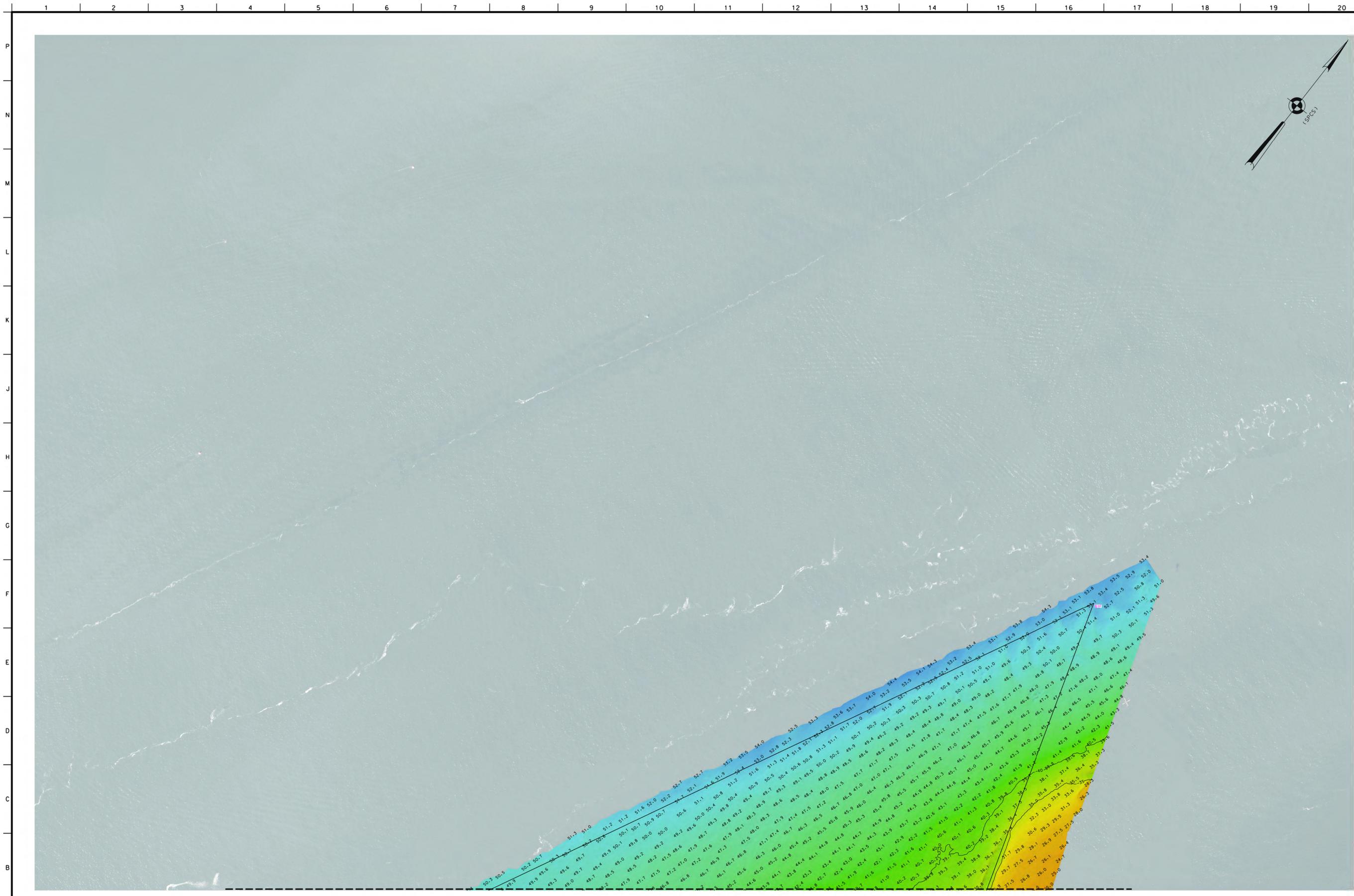
SCALE: ONE INCH = 800 FEET FIELD BOOKS: DNA 10

APPROVED: P. KEARNS FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BRADSHAW CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. GRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 26 MARCH 2024

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NEW YORK DISTRICT
NEW YORK, NEW YORK 10278
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

BUTTERMILK CHANNEL
NEW YORK
CONDITION SURVEY

VH-101
1 OF 5



MATCH TO SHEET 2

0 200' 400'



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DATES OF SURVEY:
27-28 FEBRUARY 2024
26 MARCH 2024

REQ. NO./FILE NO.: 15415/D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
DNA 10

APPROVED: P. KEARNS FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BALDUS CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 26 MARCH 2024

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NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

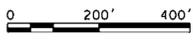
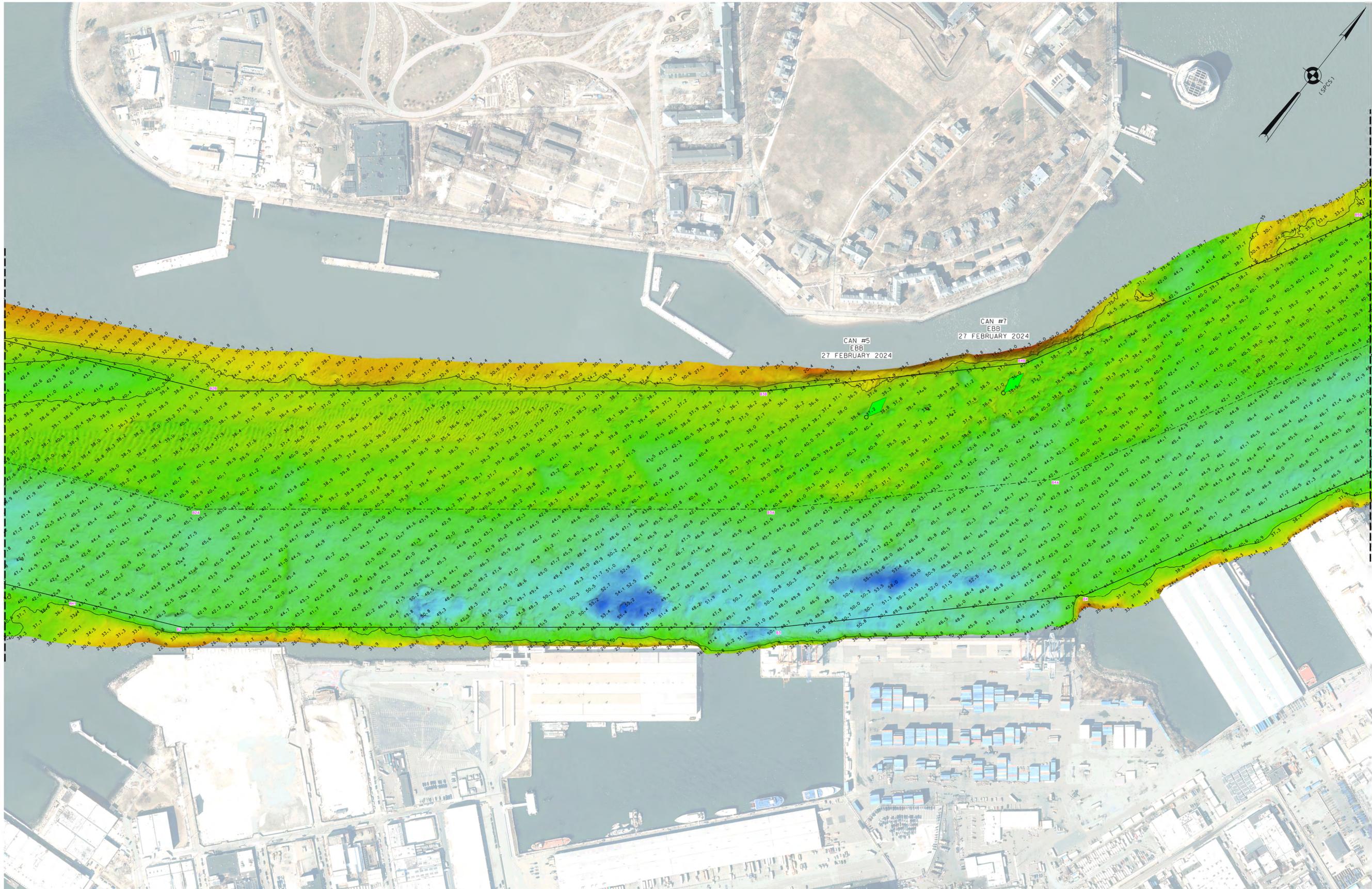
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

BUTTERMILK CHANNEL
NEW YORK
CONDITION SURVEY

VH-103
3 OF 5

* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

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MP	CWF

DATES OF SURVEY:
27-28 FEBRUARY 2024
26 MARCH 2024

REQ. NO./FILE NO.: 15415/D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
DNA 10

APPROVED: P. KEARNS FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHALDUS
APPROVED: J. MRAZ CHIEF OF SURVEY SUPPORT SECTION
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 26 MARCH 2024

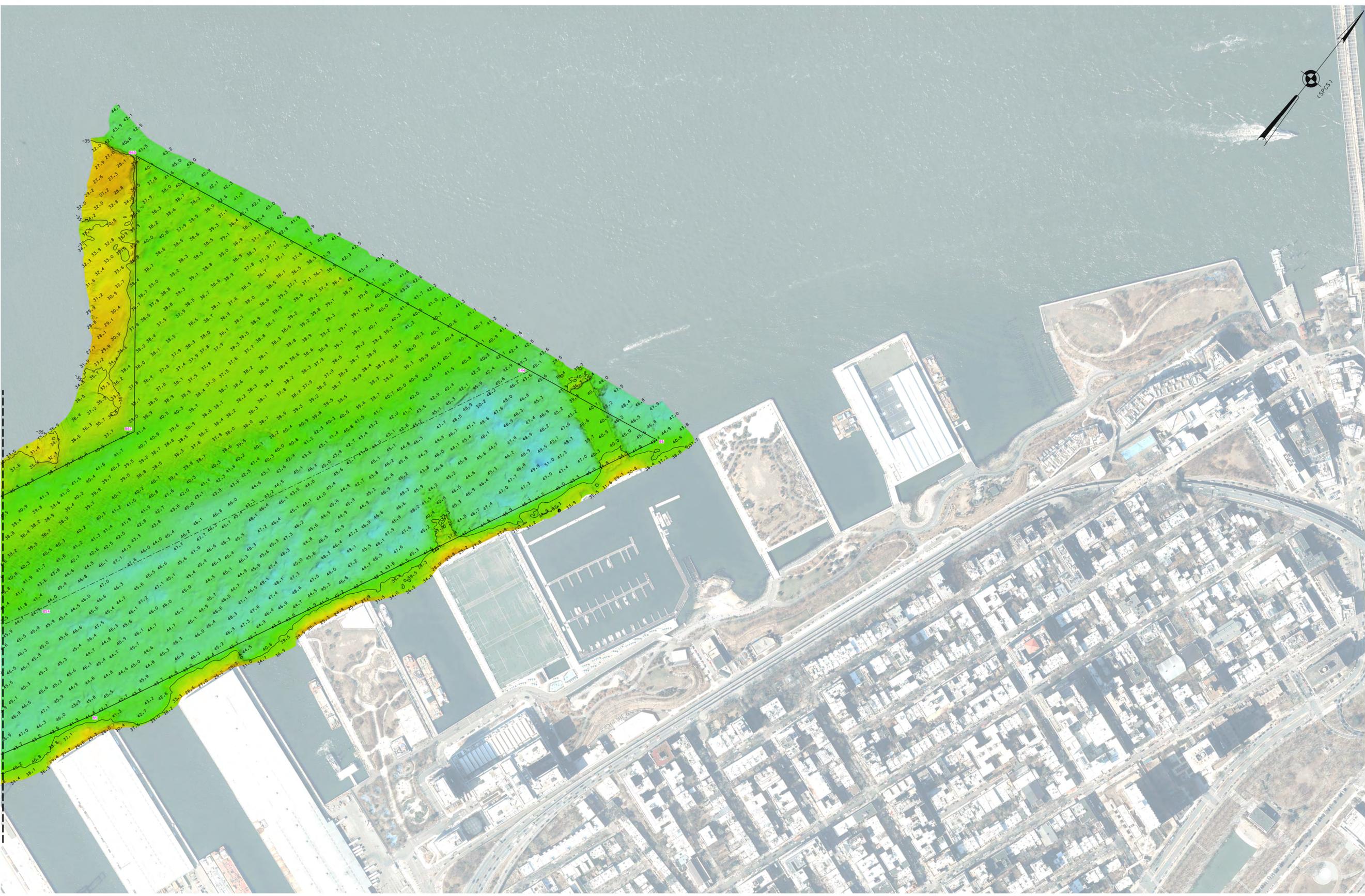
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BUTTERMILK CHANNEL
NEW YORK
CONDITION SURVEY

VH-104
4 OF 5

* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101



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NEW YORK DISTRICT

PR	ED	CWF
MP		

DATES OF SURVEY:
27-28 FEBRUARY 2024
26 MARCH 2024

REG. NO./FILE NO.: 15415/D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
DNA 10

APPROVED: P. KEARNS FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BALDUS
APPROVED: J. MRAZ CHIEF OF SURVEY SUPPORT SECTION
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 26 MARCH 2024

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CENAN-OP-SS

BUTTERMILK CHANNEL
NEW YORK
CONDITION SURVEY

VH-105
5 OF 5

* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101