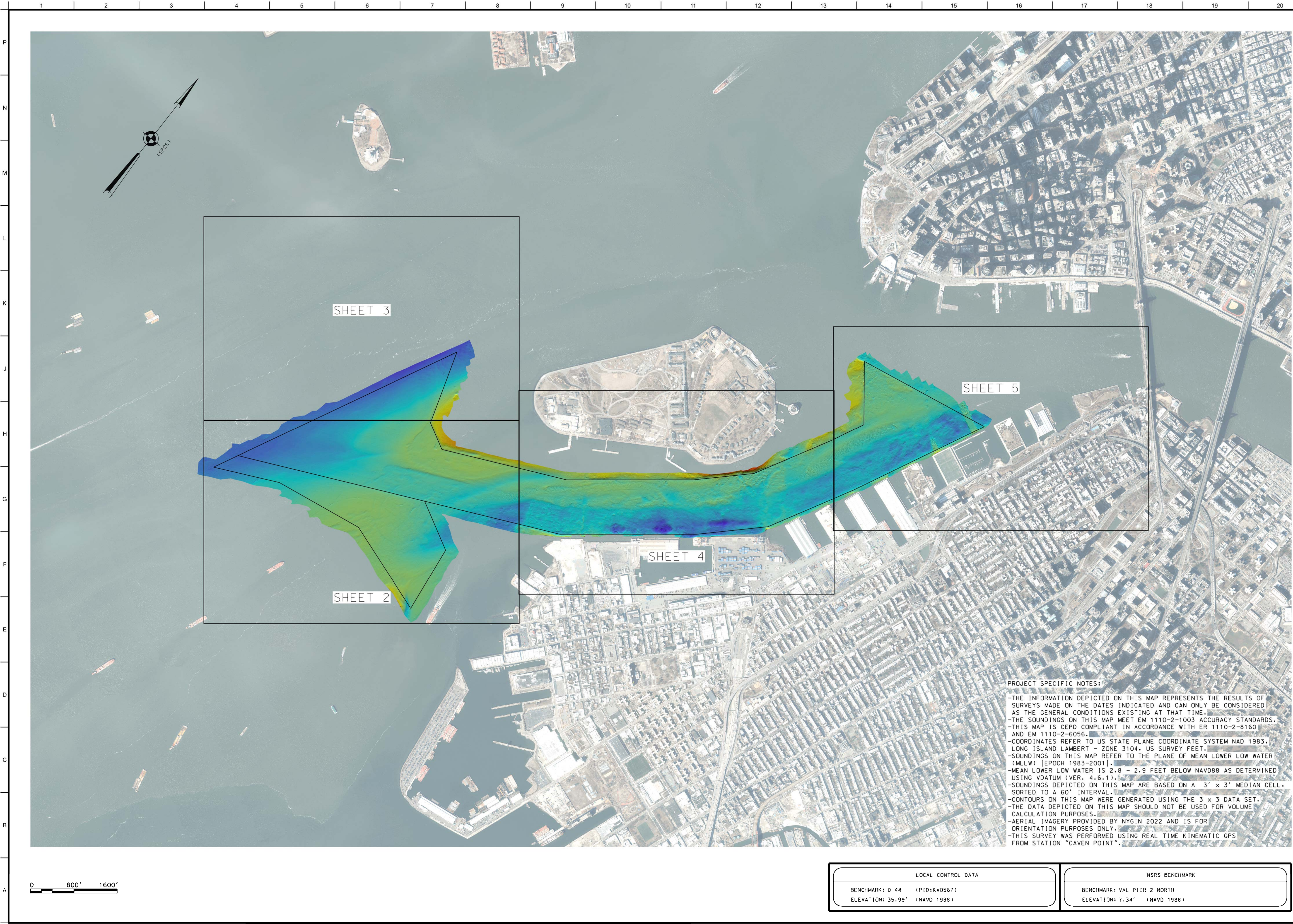




PROJECT SPECIFIC NOTES:

- 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	NSRS BENCHMARK
BENCHMARK: D 44 (PID:KVO567)	BENCHMARK: VAL PIER 2 NORTH
ELEVATION: 35.99' (NAVD 1988)	ELEVATION: 7.34' (NAVD 1988)



US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY: 24-28-29-30 APRIL 2025		REQ. NO./FILE NO.: 5578/D	
SCALE: ONE INCH = 800 FEET		FIELD BOOKS: N/A	
APPROVED: P. KEARNS FIELD CARTOGRAPHER		APPROVED: B. HIGGINS FIELD CARTOGRAPHER	
APPROVED: P. BLADUP CHIEF OF SURVEY SUPPORT SECTION		APPROVED: J. MGAZ CHIEF OF SURVEYS AND MAPPING BRANCH	
DATE: 1 MAY 2025			

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

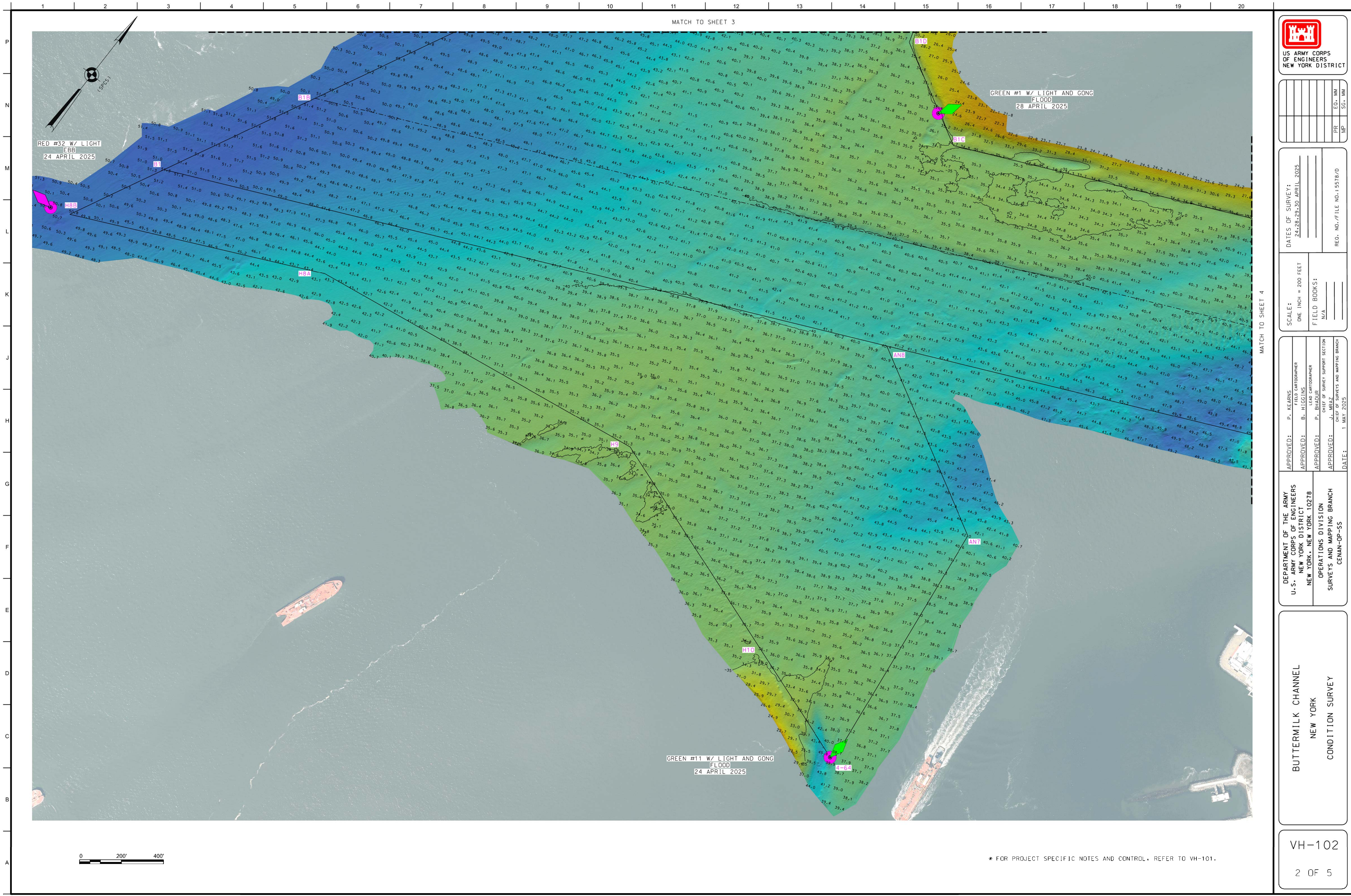
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

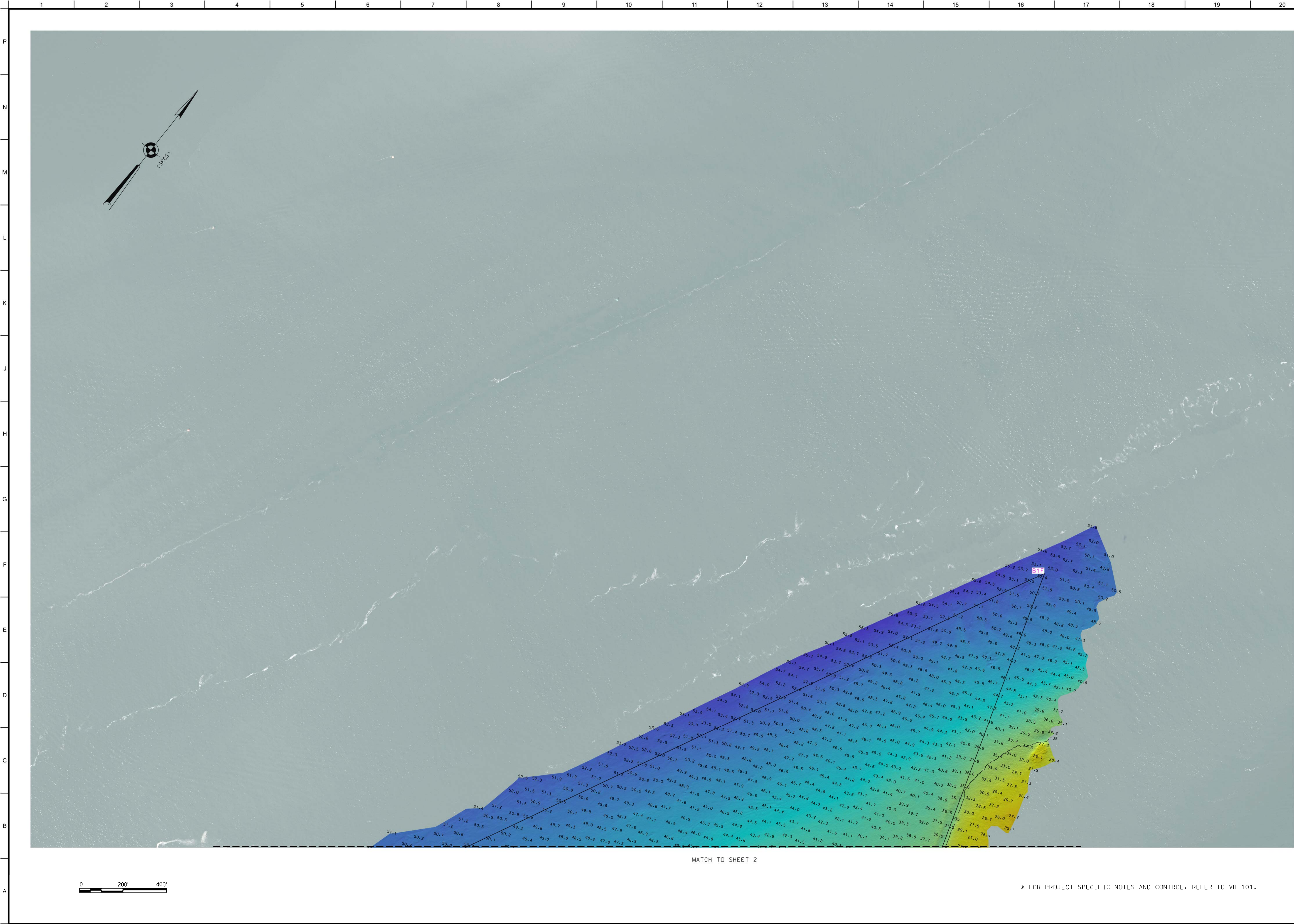
BUTTERMILK CHANNEL
NEW YORK

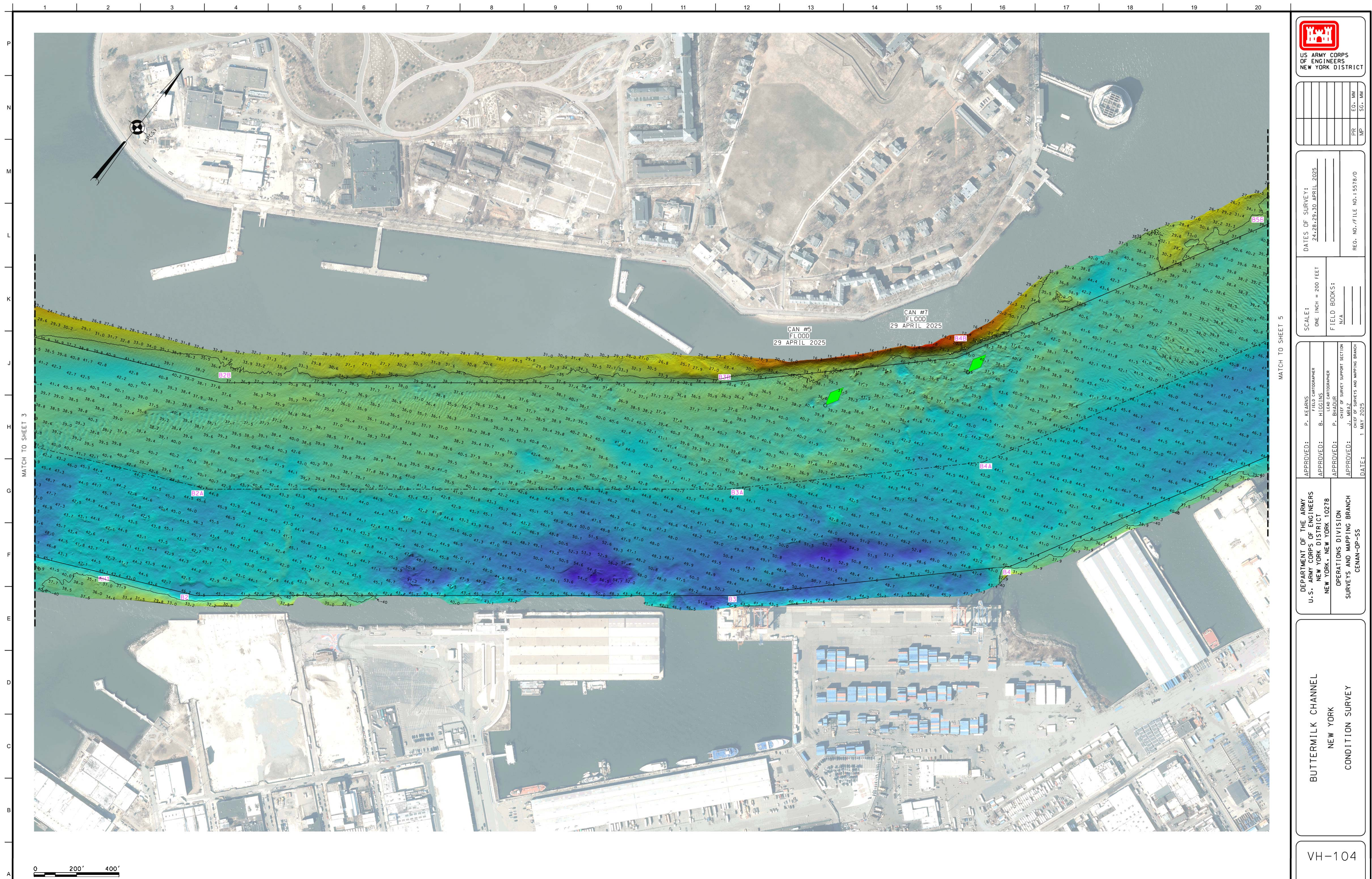
CONDITION SURVEY

VH-101

1 OF 5







US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

[illegible]

DATES OF SURVEY:
24.28.29.30 APRIL 2025

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

REQ. NO./FILE NO.: 5578/D

APPROVED:	P. KEARNS
	FIELD CARTOGRAPHER
APPROVED:	B. HIGGINS
	LEAD CARTOGRAPHER
APPROVED:	P. BHADUR
	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	J. MARZ
	CHIEF OF SURVEYS AND MAPPING BRANCH
DATE:	1 MAY 2025

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

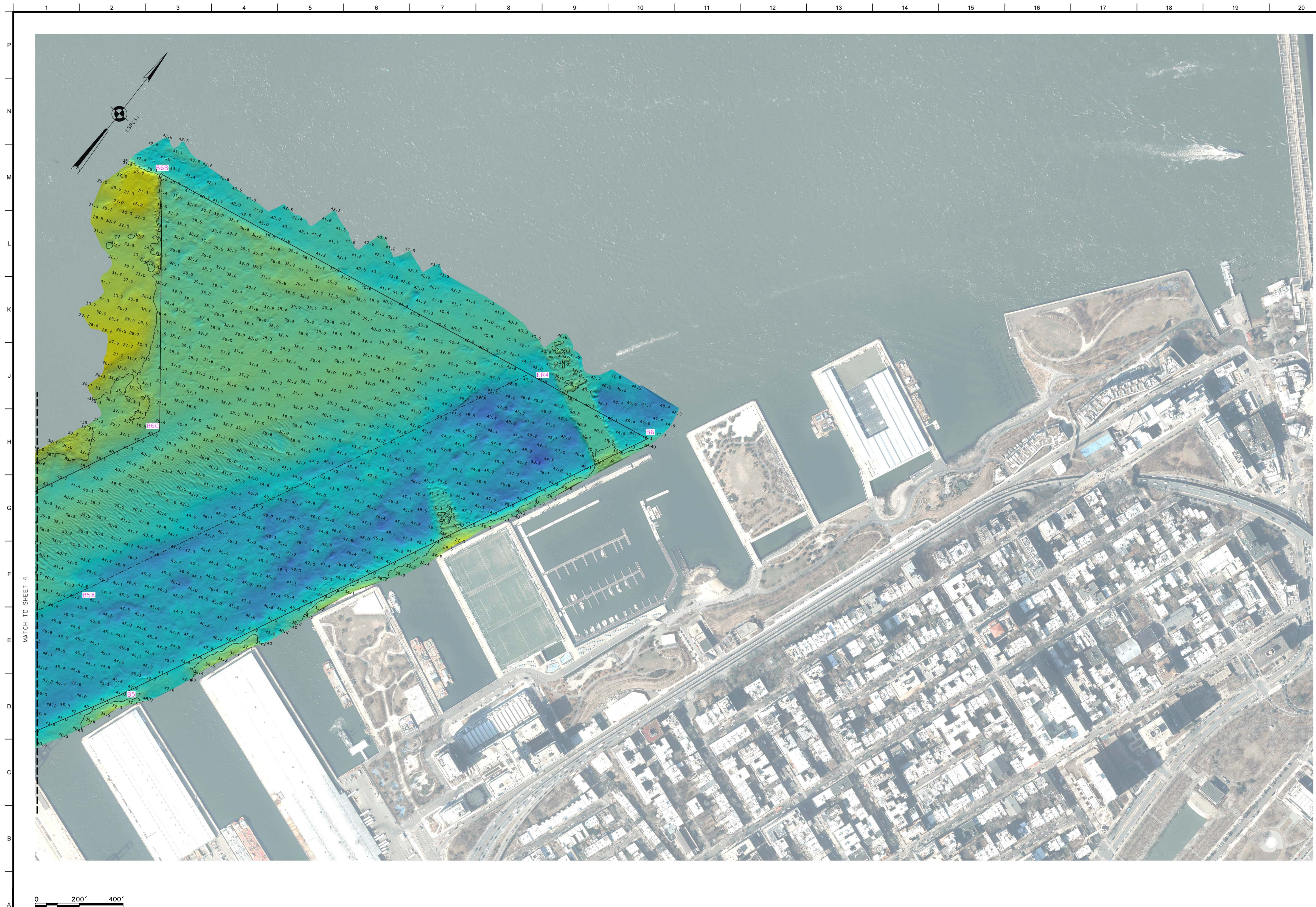
BUTTERMILK CHANNEL
NEW YORK

CONDITION SURVEY

VH-104]

4 OF 5

* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101



US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

[illegible]

DATES OF SURVEY:
24.28.29.30 APRIL 2025

24,28,29,30 APRIL 2025

REQ. NO./FILE NO.: 5578/D

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: P. KEARNS

APPROVED: B. HIGGINS
FIELD CARTOGRAPHER

APPROVED: P. BHADUR
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
CHIEF OF SURVEY SUPPORT SECTION

DATE: 1 MAY 2025

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

NEW YORK DISTRICT
NEW YORK, NEW YORK 10278
OPERATIONS DIVISION

SURVEYS AND MAPPING BRANCH

CENAN-OP-SS

BUTTERMILK CHANNEL

NEW YORK

CONDITION SURVEY

VH-105

5 OF 5

* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101