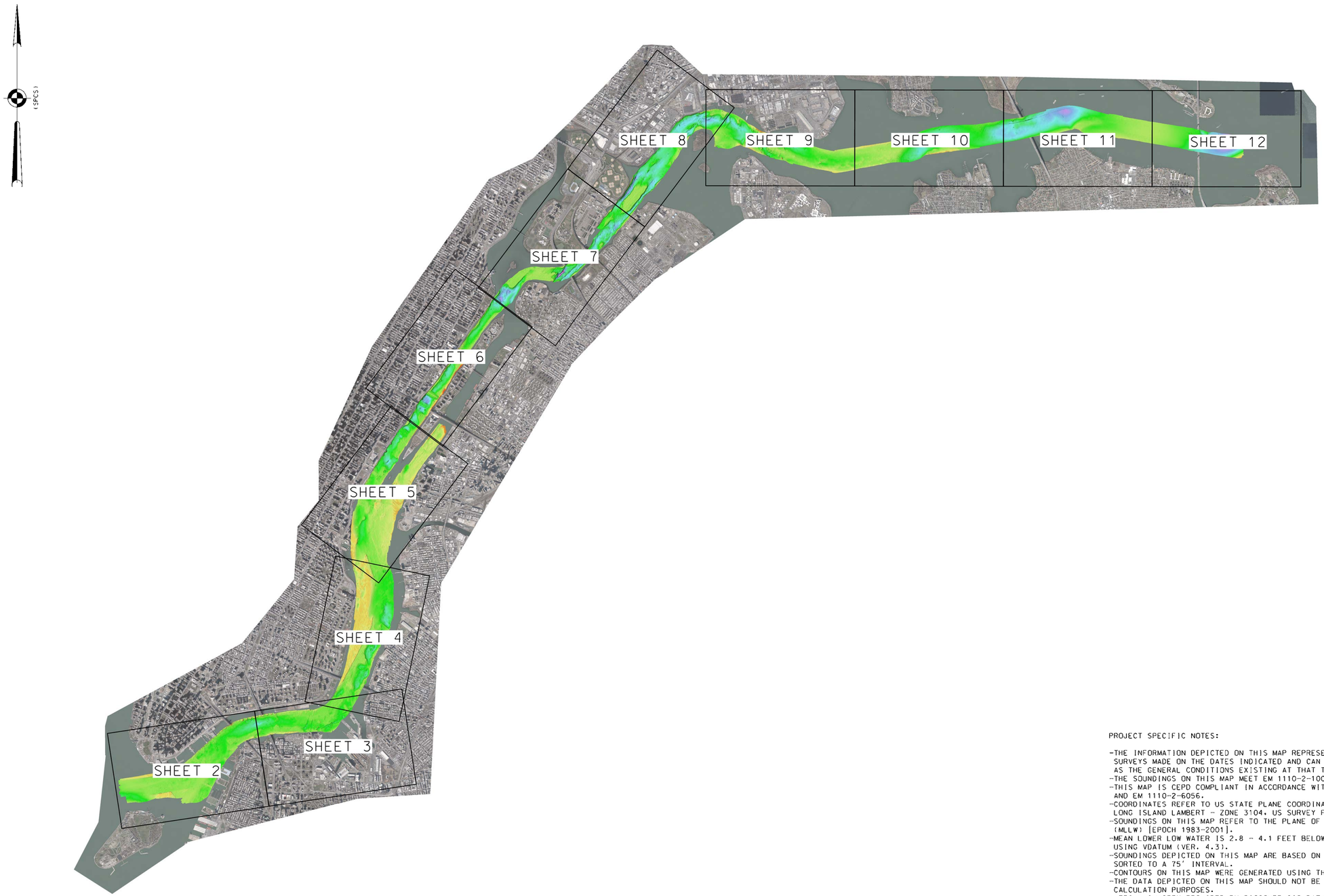


PROJECT SPECIFIC NOTES:

-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 - 4.1 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.3).
-SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 5' x 5' MEDIAN CELL, SORTED TO A 75' INTERVAL.
-CONTOURS ON THIS MAP WERE GENERATED USING THE 5' x 5' 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.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NYDOT. CAVEN POINT".

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
ELEVATION: 10.97' (NAVD 1988)	ELEVATION: 11.88' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR | CM-EO
WP | CF-CM

DATES OF SURVEY:
26,27 APRIL 2023
1-2 MAY 2023
12-13,14 JUNE 2023

REQ. NO./FILE NO.: 53987/0

SCALE: ONE INCH = 3000 FEET

FIELD BOOKS:
1051

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BRIDAUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MEZZ — DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 22 JUNE 2023

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

EAST RIVER
NEW YORK
CONDITION SURVEY

VH-101

1 OF 12



* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
ELEVATION: 10.97' (NAVD 1988)	ELEVATION: 11.88' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR	CM-EO
	MP	CF-CM

DATES OF SURVEY:
26,27 APRIL 2023
1-2 MAY 2023
12-13-14 JUNE 2023

SCALE: ONE INCH = 300 FEET

FIELD BOOKS:
1051

REG. NO./FILE NO.: 5287/0

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: C. MIRAZ, CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 23 JUNE 2023

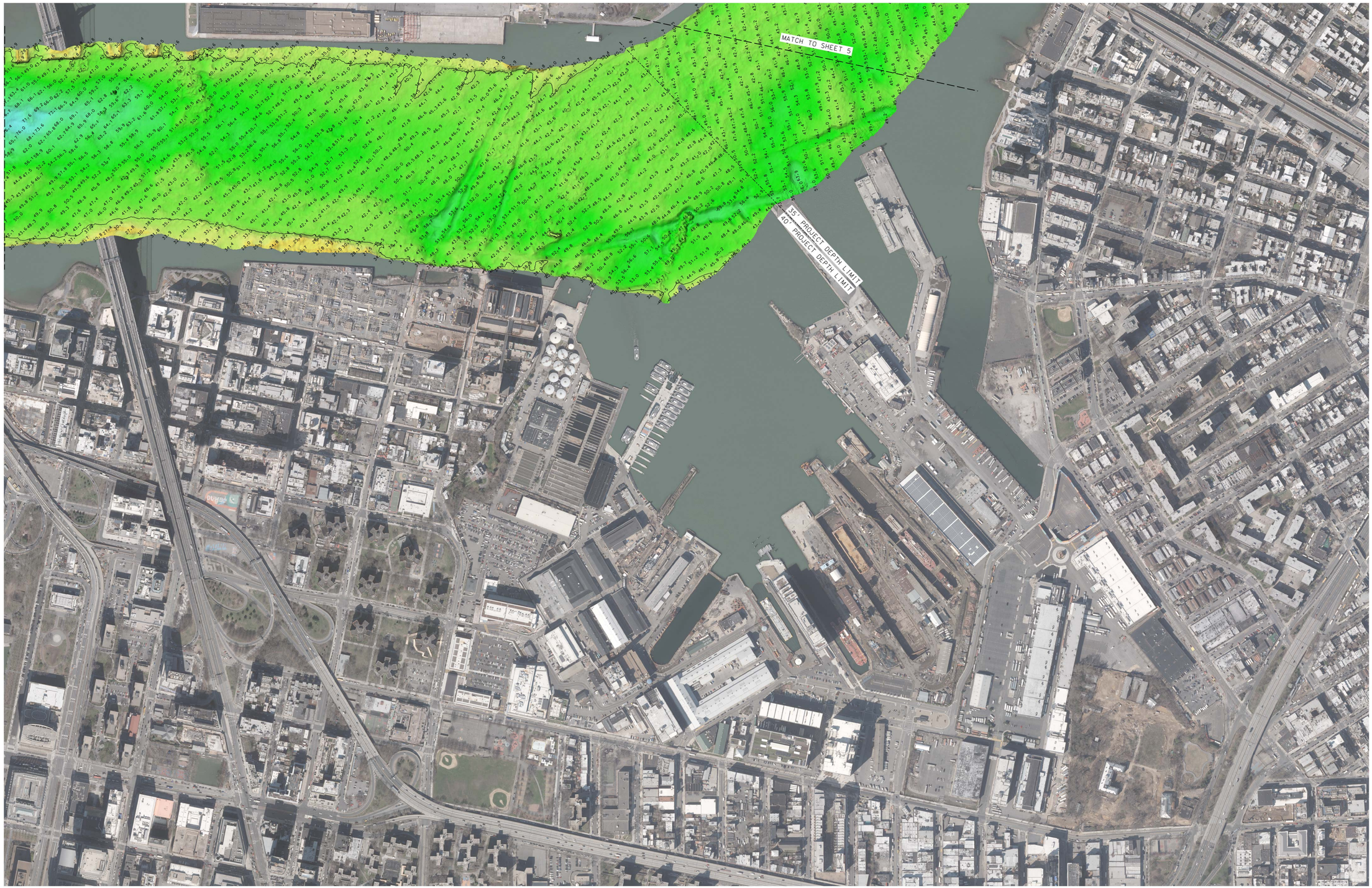
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NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK
CONDITION SURVEY

VH-102

2 OF 12



0 300' 600'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
ELEVATION: 10.97' (NAVD 1988)	ELEVATION: 11.88' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR	CM-EO
	WP	CF-CM

DATES OF SURVEY:
26-27 APRIL 2023
23 MAY 2023
12-13-14 JUNE 2023

SCALE:
ONE INCH = 300 FEET

FIELD BOOKS:
1051

REG. NO./FILE NO.: 52937/O

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE, DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 23 JUNE 2023

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U.S. ARMY CORPS OF ENGINEERS
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NEW YORK, NEW YORK 10278

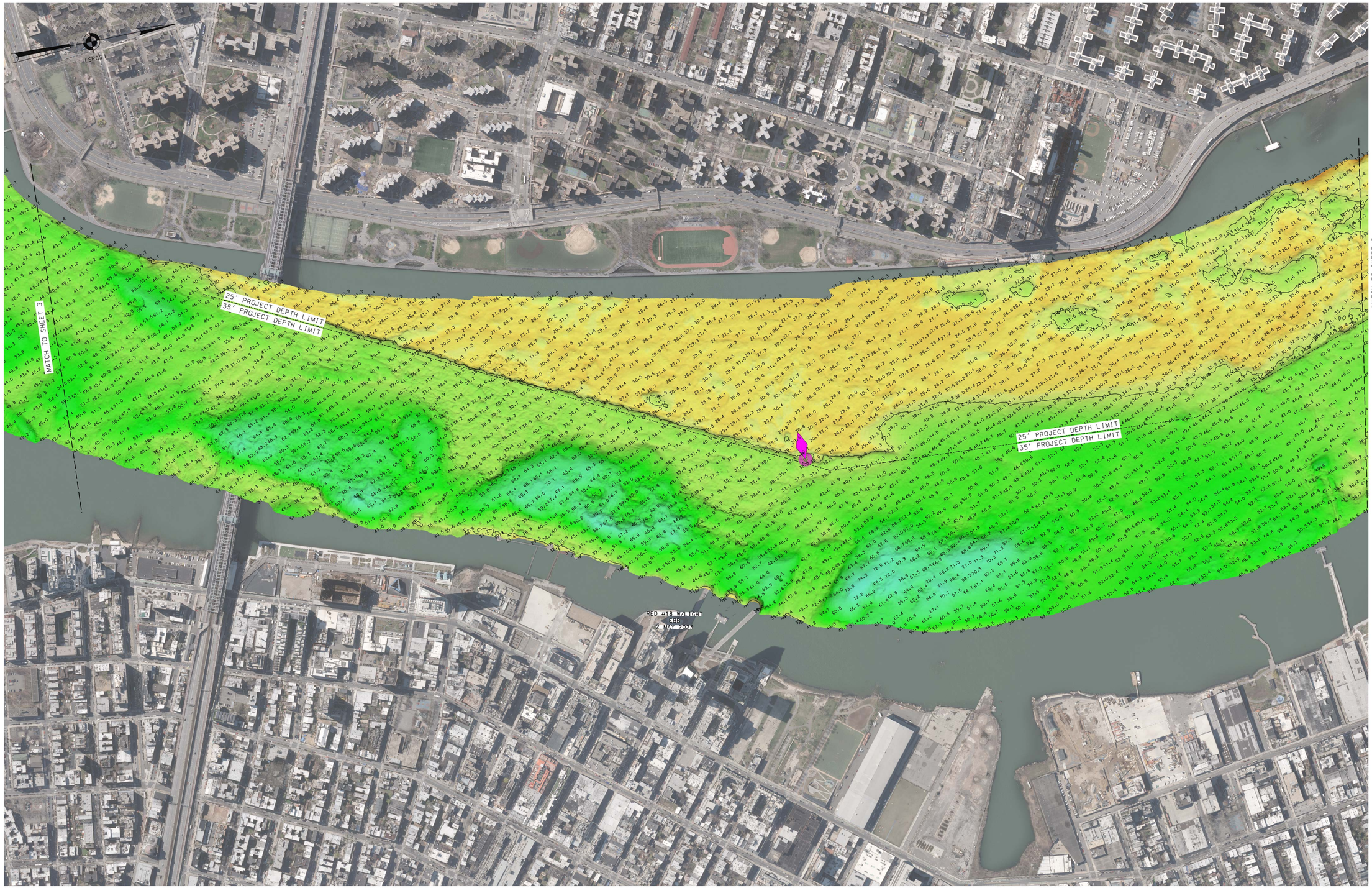
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK

CONDITION SURVEY

VH-103

3 OF 12



0 300' 600'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
ELEVATION: 10.97' (NAVD 1988)	ELEVATION: 11.88' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		PR	CM-EO
		MP	CF-CM

SCALE: ONE INCH = 300 FEET

DATES OF SURVEY:
26,27 APRIL 2023
1-2 MAY 2023
12-13,14 JUNE 2023

FIELD BOOKS:
1051

REG. NO./FILE NO.: 52937/0

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE, DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 23 JUNE 2023

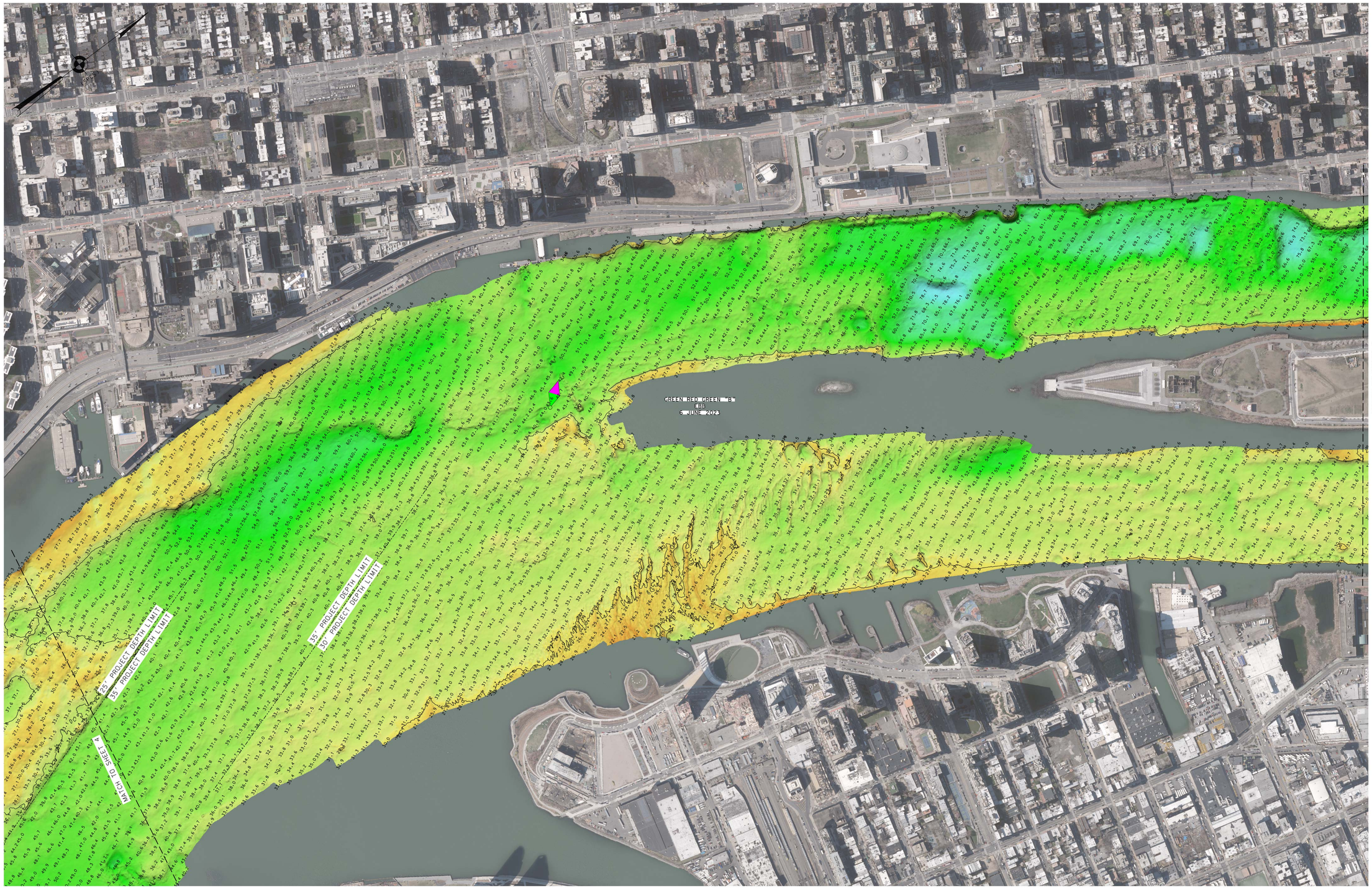
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U.S. ARMY CORPS OF ENGINEERS
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NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK
CONDITION SURVEY

VH-104

4 OF 12



* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H C D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
ELEVATION: 10.97' (NAVD 1988)	ELEVATION: 11.88' (NAVD 1988)

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		PR	CM-EO
		MP	CF.CM

DATES OF SURVEY:
26,27 APRIL 2023
1-2 MAY 2023
12-13,14 JUNE 2023

SCALE: ONE INCH = 300 FEET

FIELD BOOKS:
1051

REG. NO./FILE NO.: 5287/0

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 23 JUNE 2023

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U.S. ARMY CORPS OF ENGINEERS
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NEW YORK, NEW YORK 10278

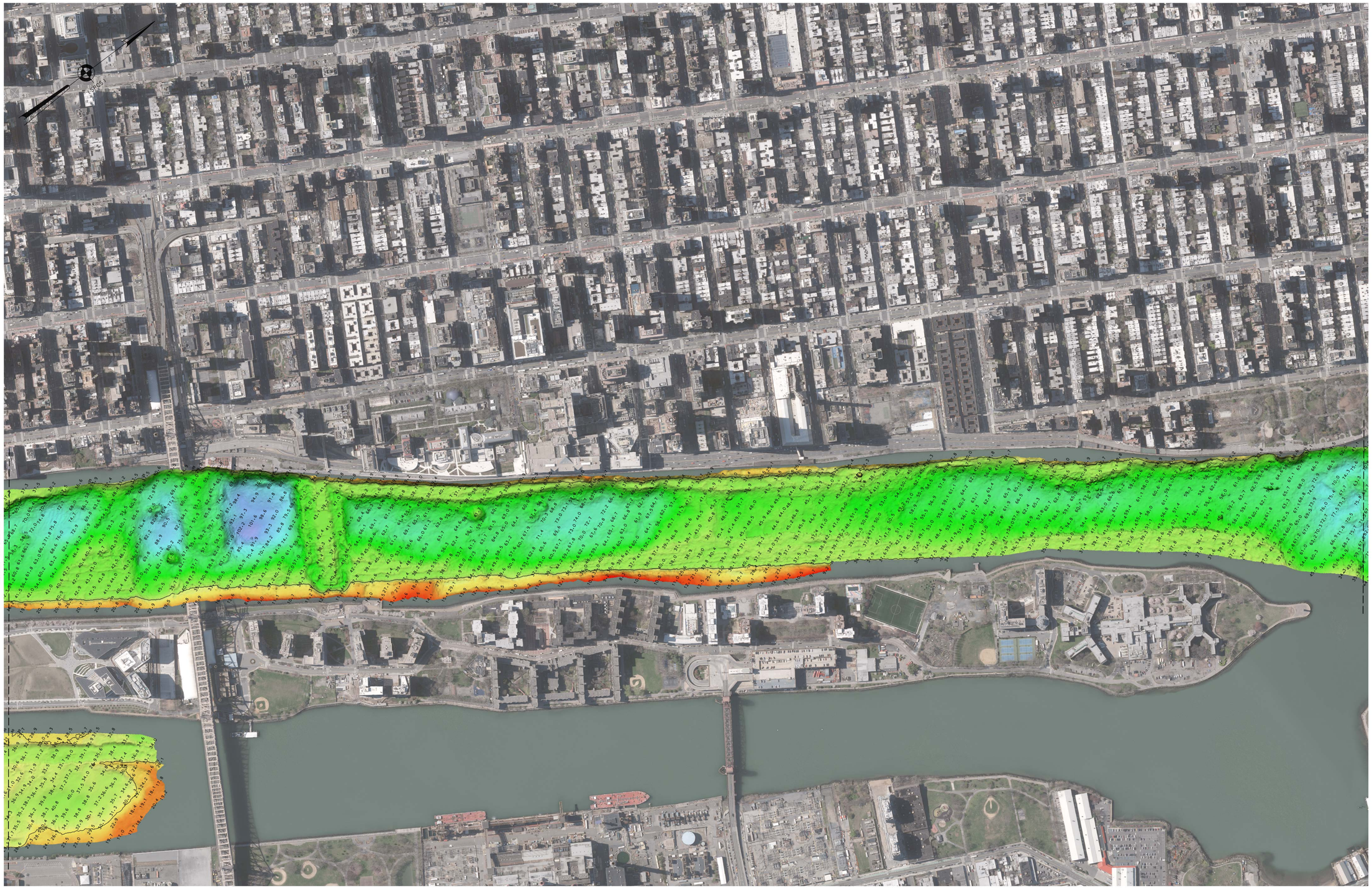
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK

CONDITION SURVEY

VH-105

5 OF 12



MATCH TO SHEET 5

MATCH TO SHEET 7

0 300' 600'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
ELEVATION: 10.97' (NAVD 1988)	ELEVATION: 11.88' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
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	MP	CF-CM

DATES OF SURVEY:
26-27 APRIL 2023
1-2 MAY 2023
12-13-14 JUNE 2023

REQ. NO./FILE NO.: 52937/0

SCALE:
ONE INCH = 300 FEET

FIELD BOOKS:
1051

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE — DEPUTY CHIEF SURVEY AND MAPPING BRANCH
DATE: 23 JUNE 2023

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NEW YORK, NEW YORK 10278

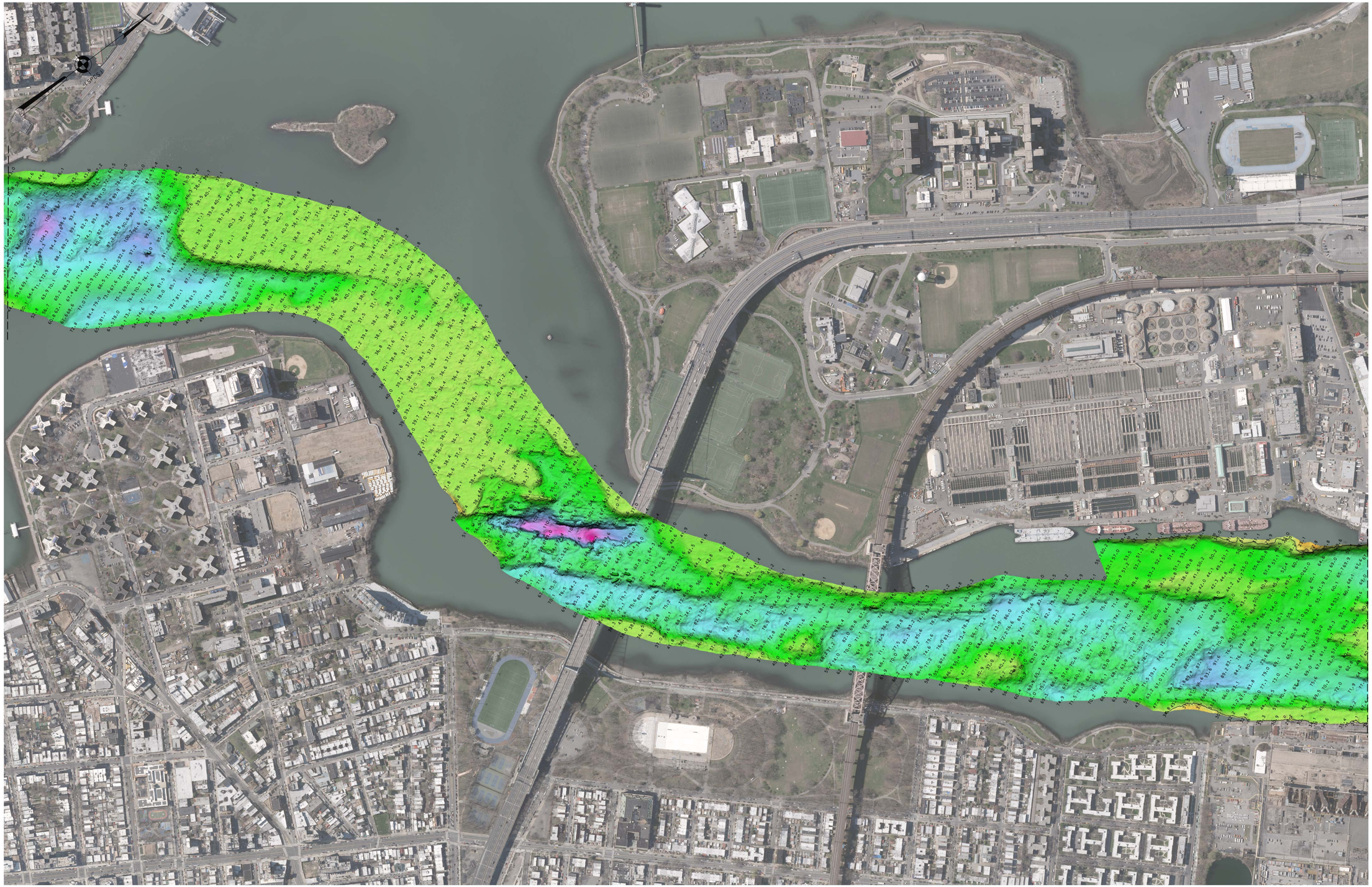
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK

CONDITION SURVEY

VH-106

6 OF 12



0 300' 600'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
ELEVATION: 10.97' (NAVD 1988)	ELEVATION: 11.88' (NAVD 1988)

US ARMY CORPS
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NEW YORK DISTRICT

	PR	CM-EO
	MP	CF-CM

DATES OF SURVEY:
26,27 APRIL 2023
1-2 MAY 2023
12-13,14 JUNE 2023

REQ. NO./FILE NO.: 52897/0

SCALE: ONE INCH = 300 FEET

FIELD BOOKS:
1051

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE — DEPUTY CHIEF SURVEY AND MAPPING BRANCH
DATE: 23 JUNE 2023

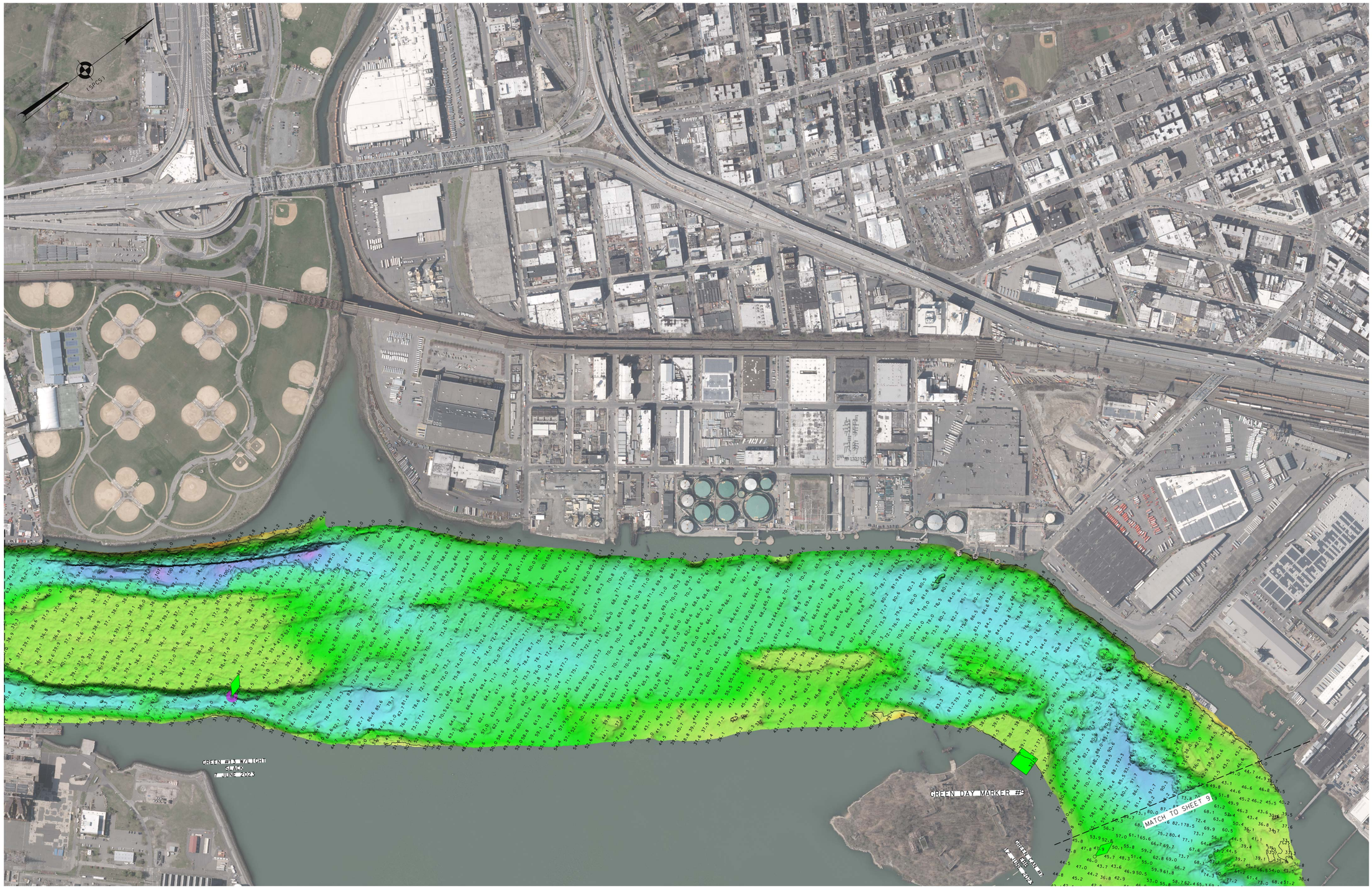
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U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK
CONDITION SURVEY

VH-107

7 OF 12



0 300' 600'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
ELEVATION: 10.97' (NAVD 1988)	ELEVATION: 11.88' (NAVD 1988)

US ARMY CORPS
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NEW YORK DISTRICT

PR	CM-EO
WP	CF-CM

DATES OF SURVEY:
26,27 APRIL 2023
1-2 MAY 2023
12-13-14 JUNE 2023

SCALE:
ONE INCH = 300 FEET

FIELD BOOKS:
1051

REG. NO./FILE NO.: 5287/0

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BRADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MR&A
DEPUTY OF SURVEY AND MAPPING BRANCH

DATE: 23 JUNE 2023

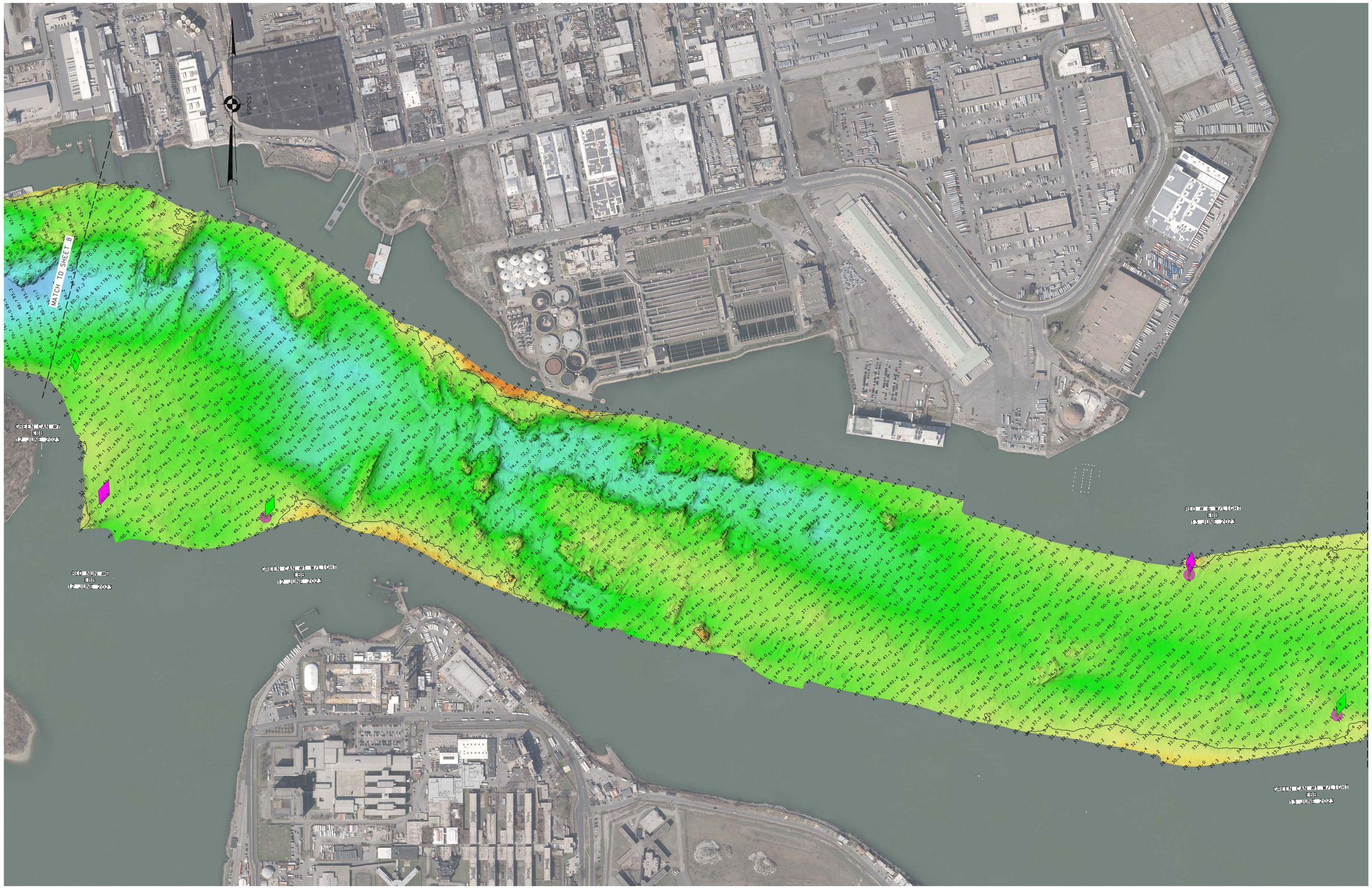
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NEW YORK DISTRICT
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OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK
CONDITION SURVEY

VH-108

8 OF 12



0 300' 600'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G O H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR	CM-EO
	WP	CF-CM

DATES OF SURVEY:
26,27 APRIL 2023
1-2 MAY 2023
12-13,14 JUNE 2023

REQ. NO./FILE NO.: 52897/0

SCALE: ONE INCH = 300 FEET

FIELD BOOKS:
1051

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MR. JAMES J. MCKAY, DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 23 JUNE 2023

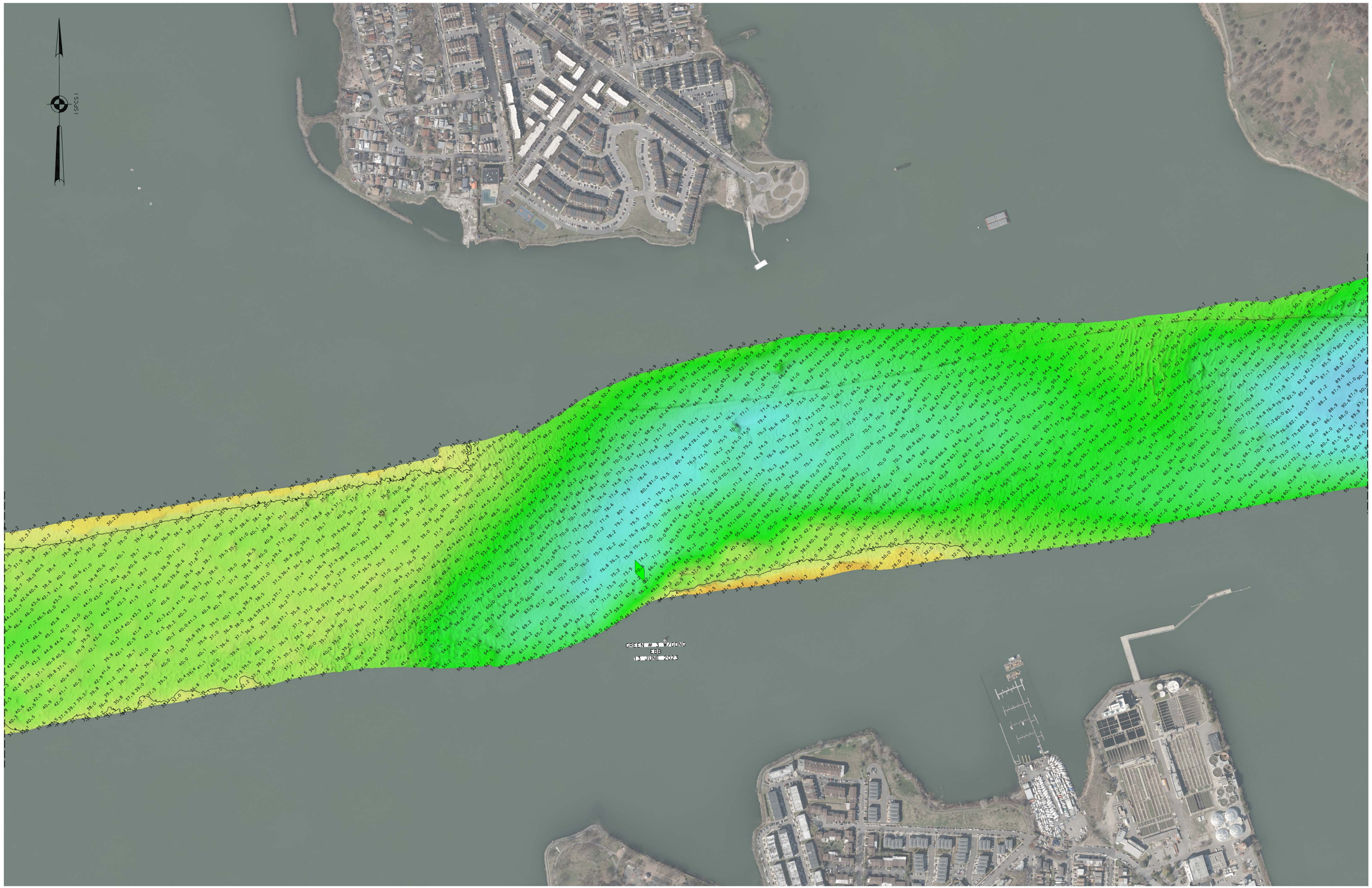
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK
CONDITION SURVEY

VH-109

9 OF 12



MATCH TO SHEET 9

MATCH TO SHEET 11

0 300' 600'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CM-EO
WP	CF.CM

DATES OF SURVEY:
26,27 APRIL 2023
1-2 MAY 2023
12-13,14 JUNE 2023

REQ. NO./FILE NO.: 52987/0

SCALE:
ONE INCH = 300 FEET

FIELD BOOKS:
1051

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BRADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKE
CHIEF OF SURVEY AND MAPPING BRANCH

DATE: 23 JUNE 2023

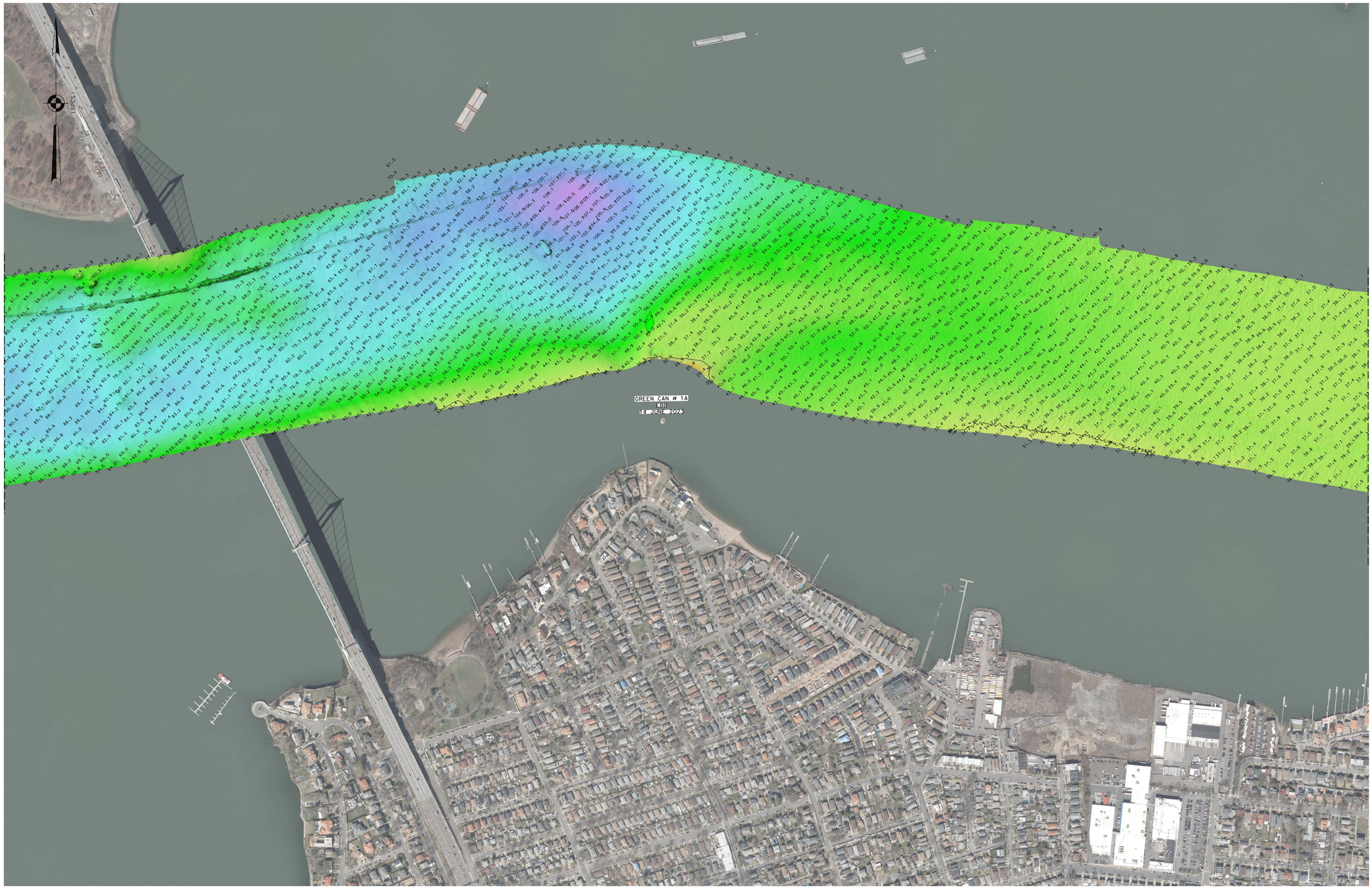
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NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK
CONDITION SURVEY

VH-110

10 OF 12



0 300' 600'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: H G D H	BENCHMARK: 851 8750 TIDAL 7 (PID:AB6736)
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

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REQ. NO./FILE NO.: 52987/0

SCALE: ONE INCH = 300 FEET

FIELD BOOKS:
1051

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MR. AZ, DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 23 JUNE 2023

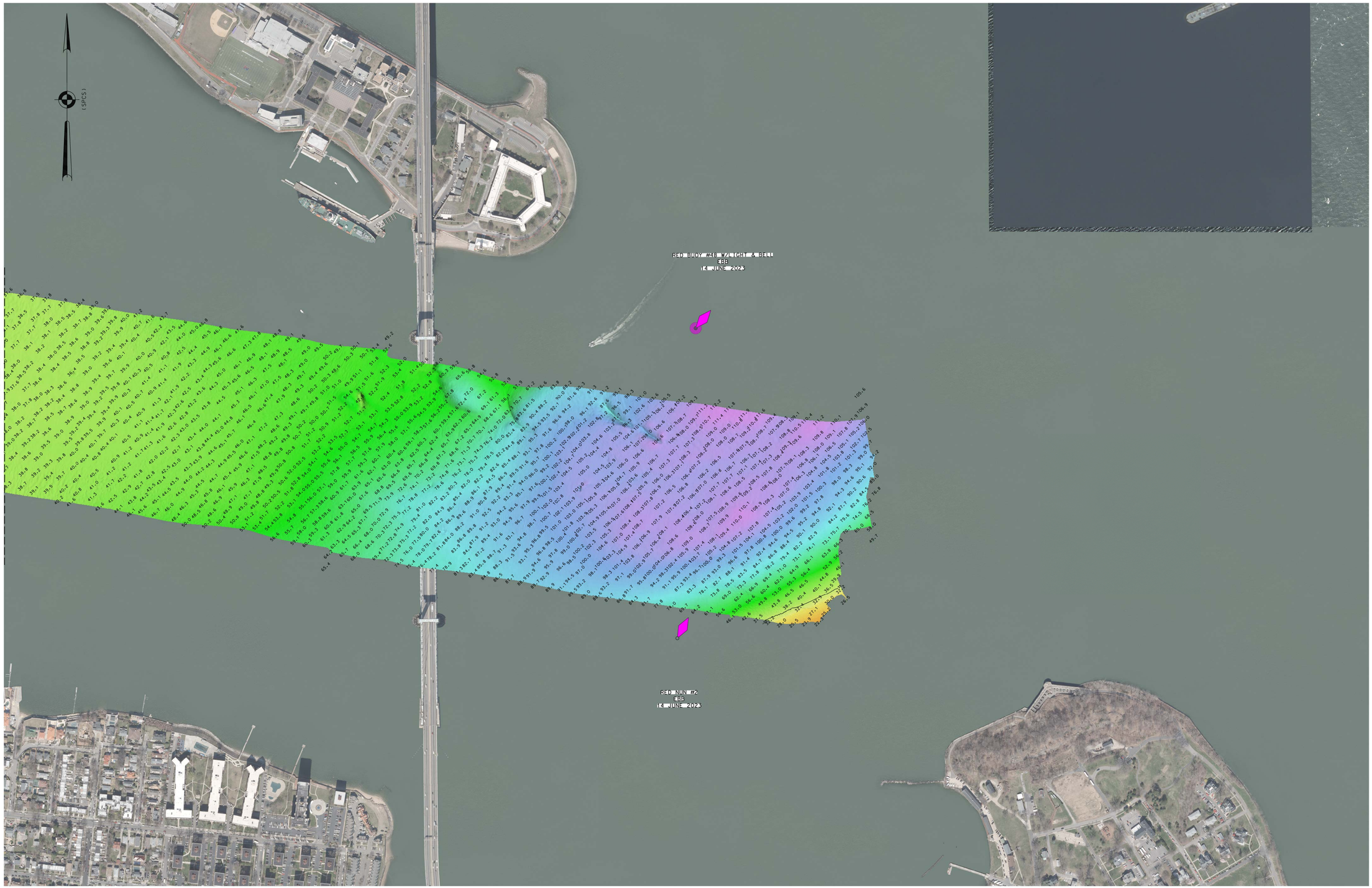
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NEW YORK DISTRICT
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OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

EAST RIVER
NEW YORK
CONDITION SURVEY

VH-111

11 OF 12



0 300' 600'

* FOR PROJECT SPECIFIC NOTES, REFER TO SHEET VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	PR	CM-EO
	MP	CF-CM

DATES OF SURVEY:
26,27 APRIL 2023
1-2 MAY 2023
12-13,14 JUNE 2023

REQ. NO./FILE NO.: 52897/0

SCALE: ONE INCH = 300 FEET

FIELD BOOKS:
1051

APPROVED: P. KEARNS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIKE, CHIEF OF SURVEY AND MAPPING BRANCH
DATE: 23 JUNE 2023

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

EAST RIVER
NEW YORK
CONDITION SURVEY

VH-112

12 OF 12