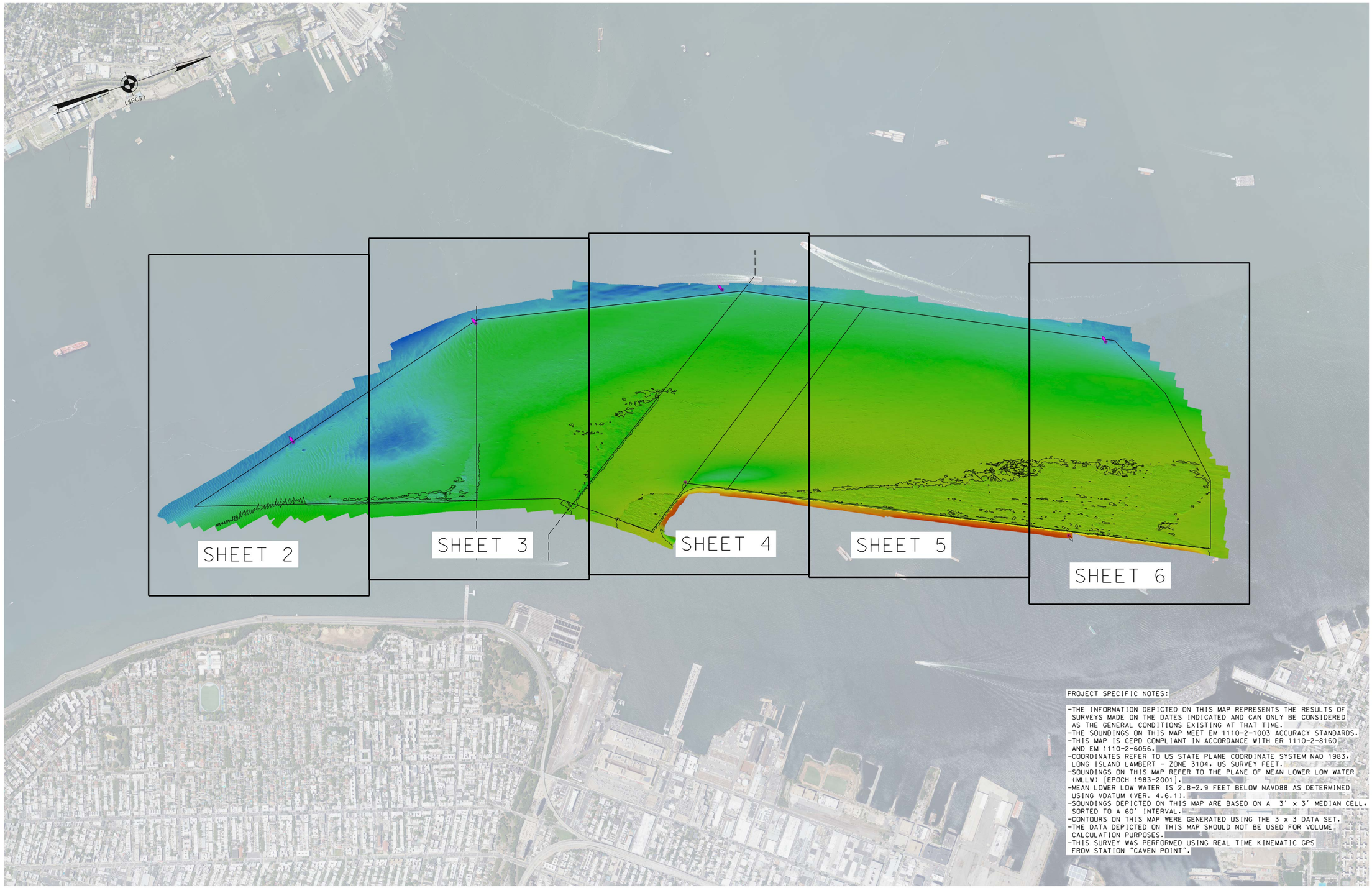


PROJECT SPECIFIC NOTES:

-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.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT".

0 800' 1600'

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: P 342 (KV0561)	BENCHMARK: PK PIER 4 NORTH
ELEVATION: 38.36' (NAVD 1988)	ELEVATION: 6.03' (NAVD 1988)

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR	FA/EO/JDS	
MP	CF/JDS	

DATES OF SURVEY: 15,20-22-26 FEBRUARY 2024

SCALE: ONE INCH = 800 FEET

FIELD BOOKS: 1050

REQ. NO./FILE NO.: 5412/0

APPROVED: P. KEARNS FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 28 FEBRUARY 2024

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

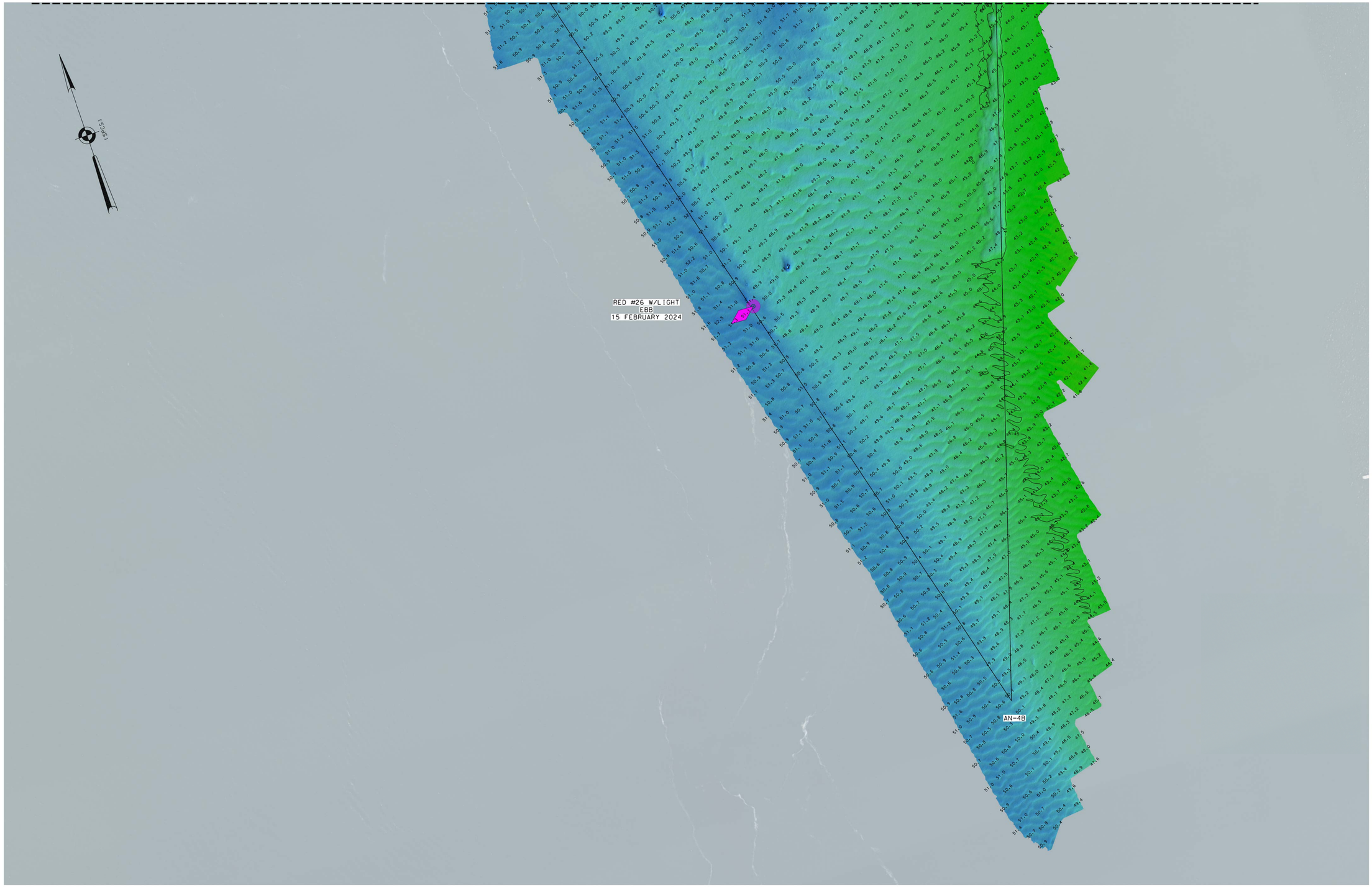
NEW YORK HARBOR
RED HOOK FLATS ANCHORAGE

CONDITION SURVEY

VH-101

1 OF 6

MATCH TO SHEET 3



0 200' 400'

*FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	FA/EO/JDS	
MP	CF/JDS	

DATES OF SURVEY:
15,20-22-26 FEBRUARY 2024

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REQ. NO./FILE NO.: 5412/0

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 28 FEBRUARY 2024

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

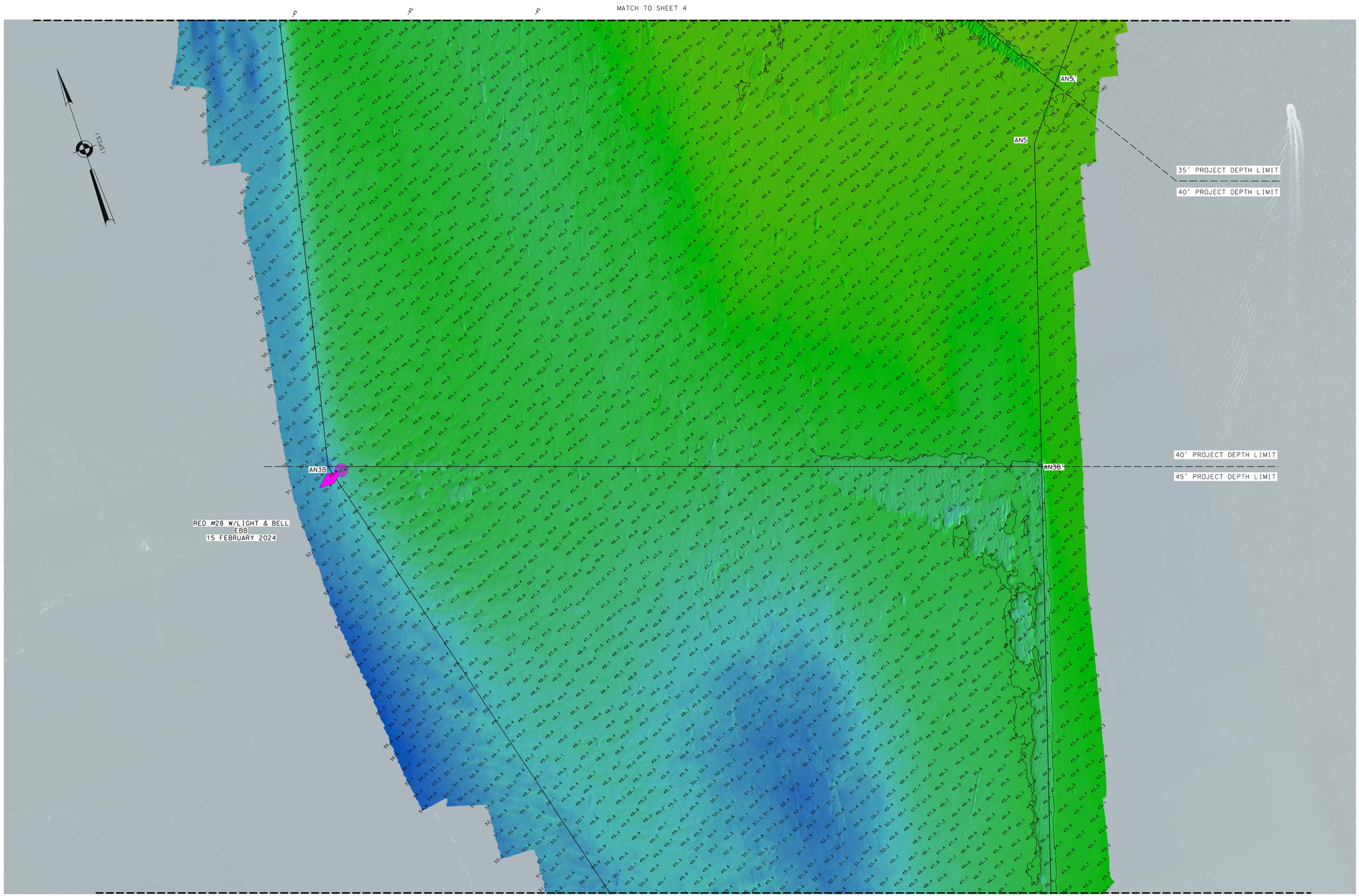
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK HARBOR
RED HOOK FLATS ANCHORAGE

CONDITION SURVEY

VH-102

2 OF 6



0 200' 400'

*FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	FA/EO/JDS	
MP	CF/JDS	

DATES OF SURVEY:
15,20-22,26 FEBRUARY 2024

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REQ. NO./FILE NO.: 5413/0

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIKAZ
DEPUTY CHIEF, SURVEYS AND MAPPING BRANCH

DATE: 28 FEBRUARY 2024

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

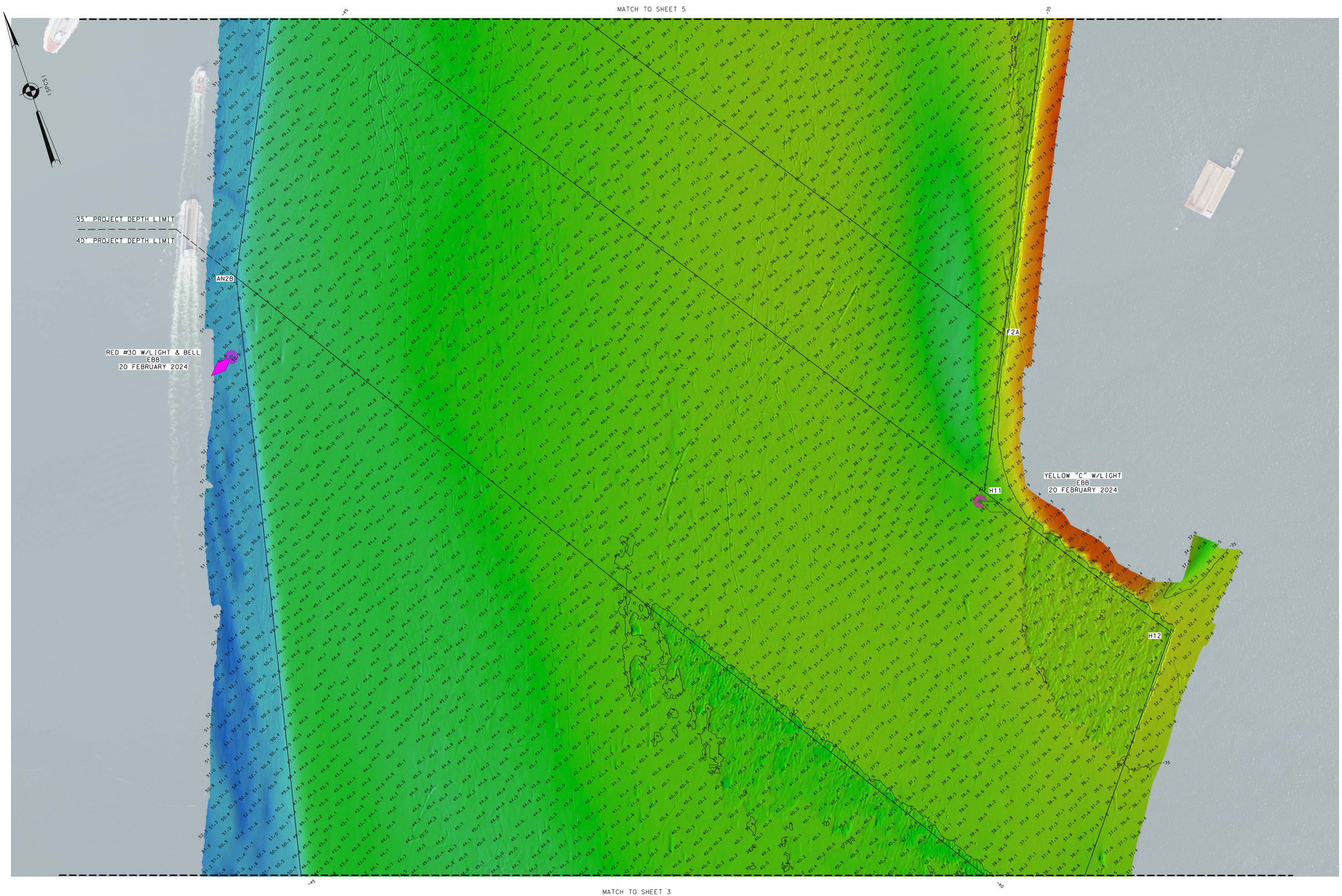
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK HARBOR
RED HOOK FLATS ANCHORAGE

CONDITION SURVEY

VH-103

3 OF 6



*FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	FA/EO/JDS	
MP	CF/JDS	

DATES OF SURVEY:
15,20-22,26 FEBRUARY 2024

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REQ. NO./FILE NO.: 5412/0

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 28 FEBRUARY 2024

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NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

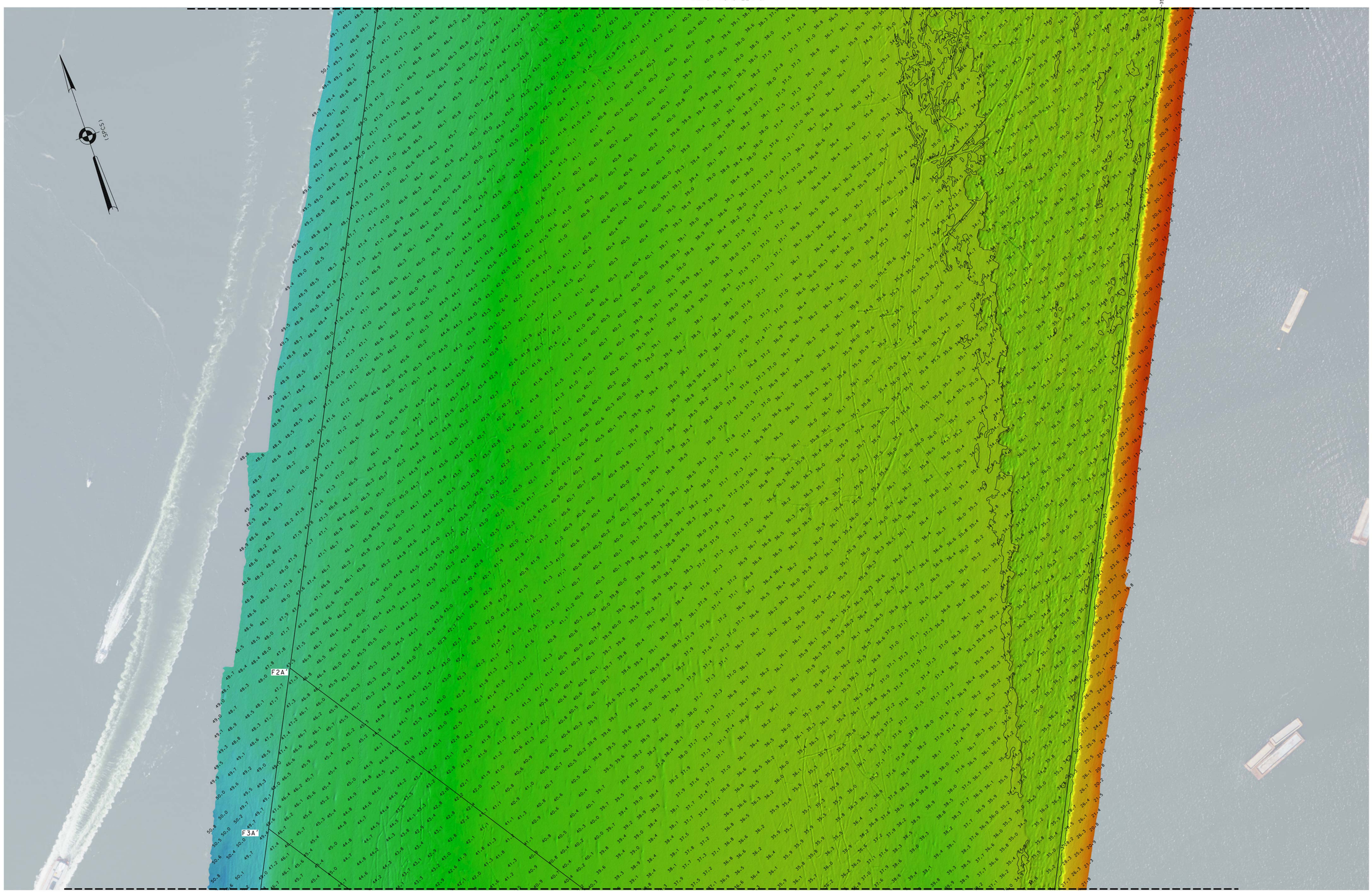
NEW YORK HARBOR
RED HOOK FLATS ANCHORAGE

CONDITION SURVEY

VH-104

4 OF 6

MATCH TO SHEET 6



MATCH TO SHEET 4

0 200' 400'

*FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	FA/EO/JDS	
MP	CF/JDS	

DATES OF SURVEY:
15,20-22-26 FEBRUARY 2024

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REQ. NO./FILE NO.: 5412/0

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIRAZ
CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 28 FEBRUARY 2024

DEPARTMENT OF THE ARMY
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NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEW YORK HARBOR
RED HOOK FLATS ANCHORAGE

CONDITION SURVEY

VH-105

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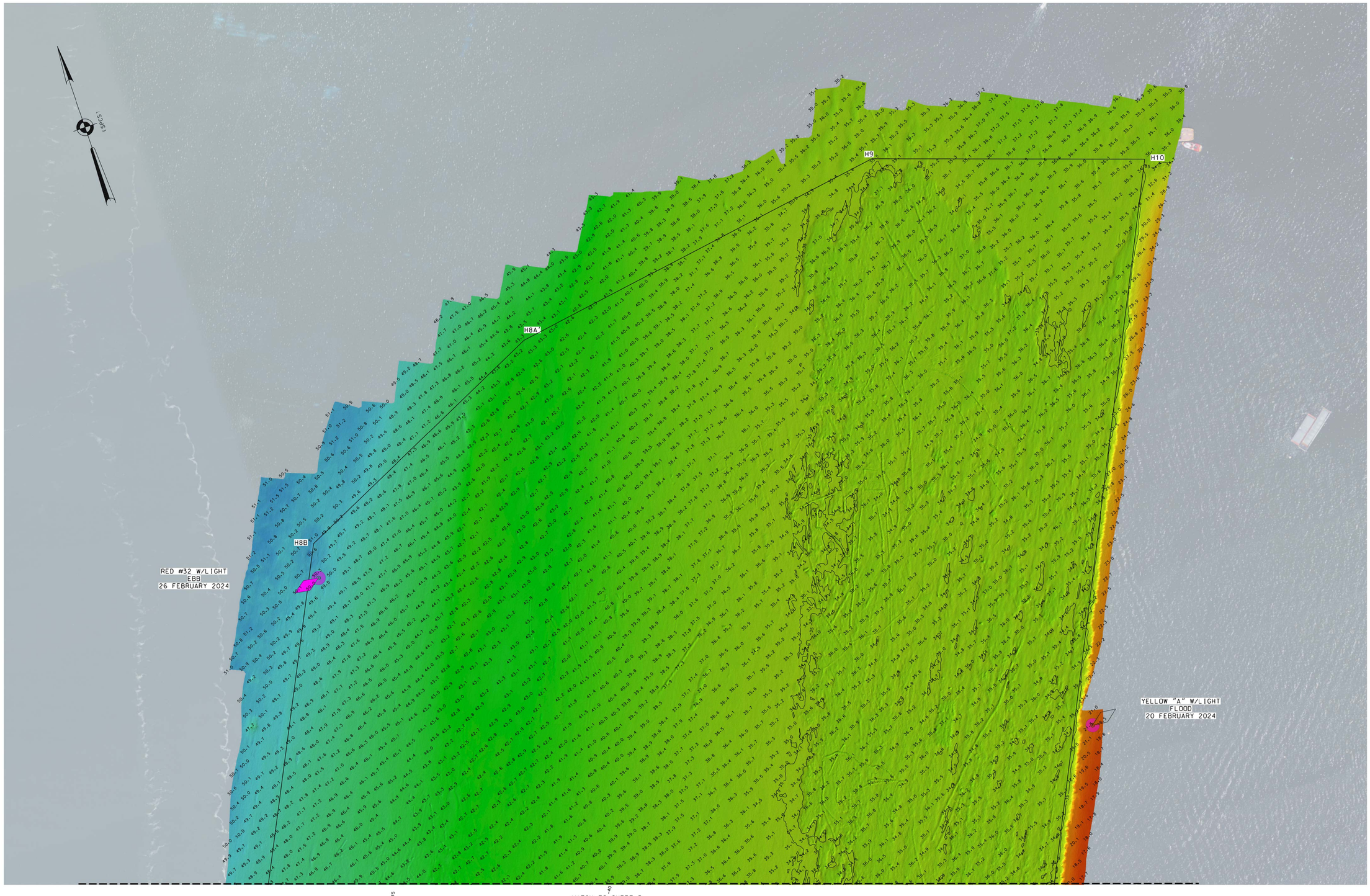

*FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	FA/EO/JDS	
MP	CF/JDS	

DATES OF SURVEY:
15,20-22,26 FEBRUARY 2024

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1050

REQ. NO./FILE NO.: 5412/0

APPROVED: P. KEARNS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MIRAZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 28 FEBRUARY 2024

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

NEW YORK HARBOR
RED HOOK FLATS ANCHORAGE

CONDITION SURVEY

VH-106

6 OF 6