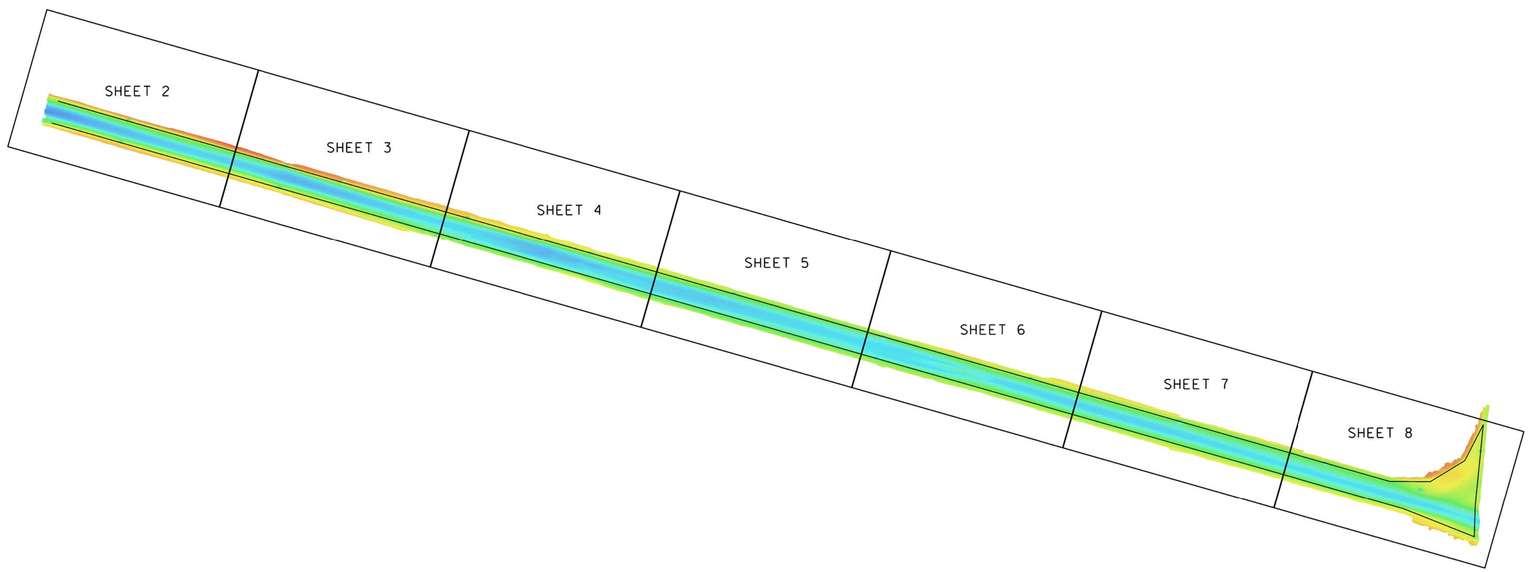


(SPCS)

0 2000' 4000'

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: SIMPSON 2 (PID:KV0709)	BENCHMARK: SIMPSON 2 RM 3 (PID:KV0707)
ELEVATION: 6.92' (NAVD 1988)	ELEVATION: 6.85' (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, NEW JERSEY MERCATOR - ZONE 2900. 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 2.9 - 3.0 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 BASE".

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	EQ-FA-CWF	
VP	CWF	

DATES OF SURVEY:
10, 11, 15, 16 APRIL 2024

SCALE:
ONE INCH = 2000 FEET

FIELD BOOKS:
N/A

REQ. NO./FILE NO.: 5431/0

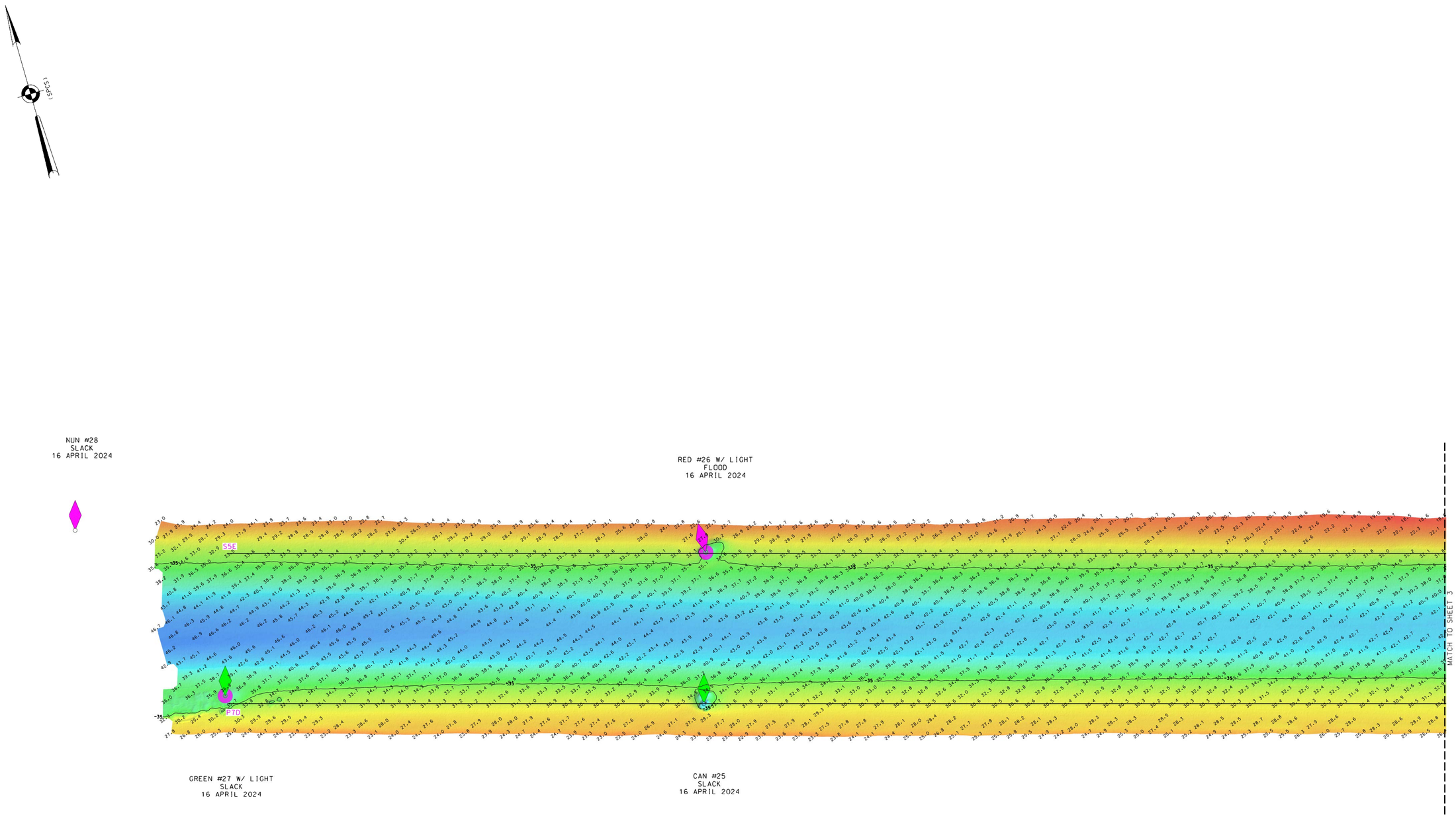
APPROVED: P. KEARNS FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MR. GROFF CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 24 APRIL 2024

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 AND NEW JERSEY CHANNELS
RARITAN BAY REACHES
CONDITION SURVEY

VH-101



0 200' 400'

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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	EQ-FA-CWF	
VP	CWF	

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FIELD BOOKS:
N/A

REQ. NO./FILE NO.: 5431/0

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APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MR. DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 24 APRIL 2024

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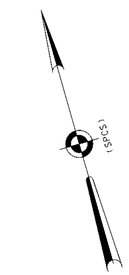
CENAN-OP-SS

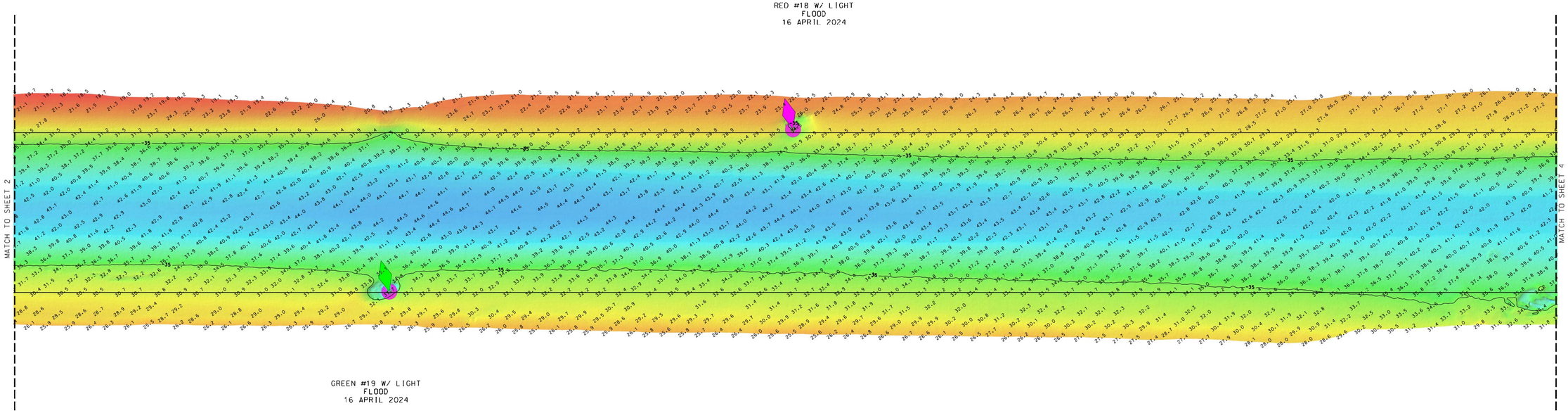
NEW YORK AND NEW JERSEY CHANNELS
RARITAN BAY REACHES
CONDITION SURVEY

VH-102

2 OF 8



RED #18 W/ LIGHT
FLOOD
16 APRIL 2024



GREEN #19 W/ LIGHT
FLOOD
16 APRIL 2024

0 200' 400'

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US ARMY CORPS
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NEW YORK DISTRICT

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VP	CWF	

DATES OF SURVEY:
10, 11, 15, 16 APRIL 2024

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

REQ. NO./FILE NO.: 5431/0

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APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MKZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 24 APRIL 2024

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CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
RARITAN BAY REACHES
CONDITION SURVEY

VH-103

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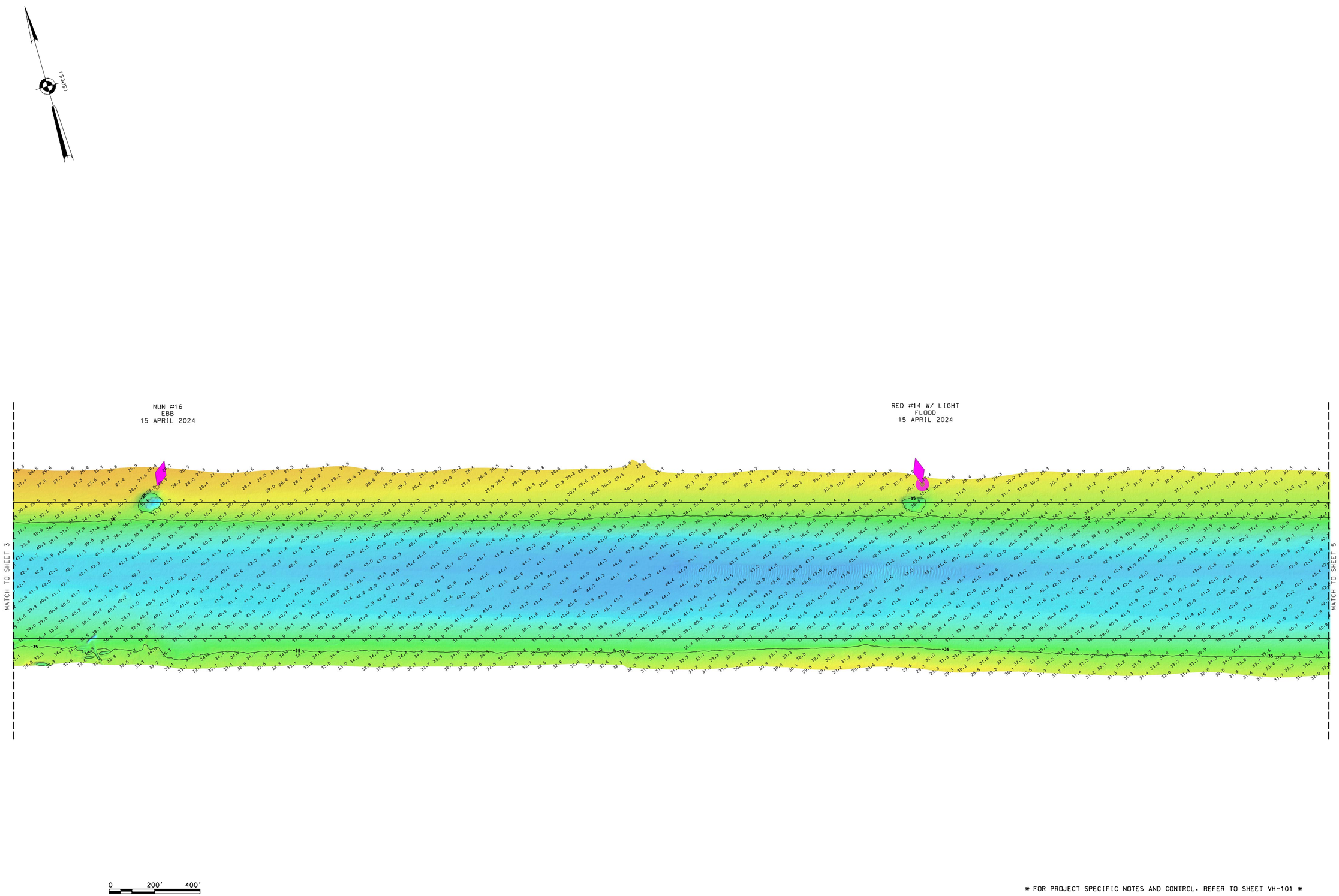

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DATES OF SURVEY:
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N/A

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APPROVED: MR. DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
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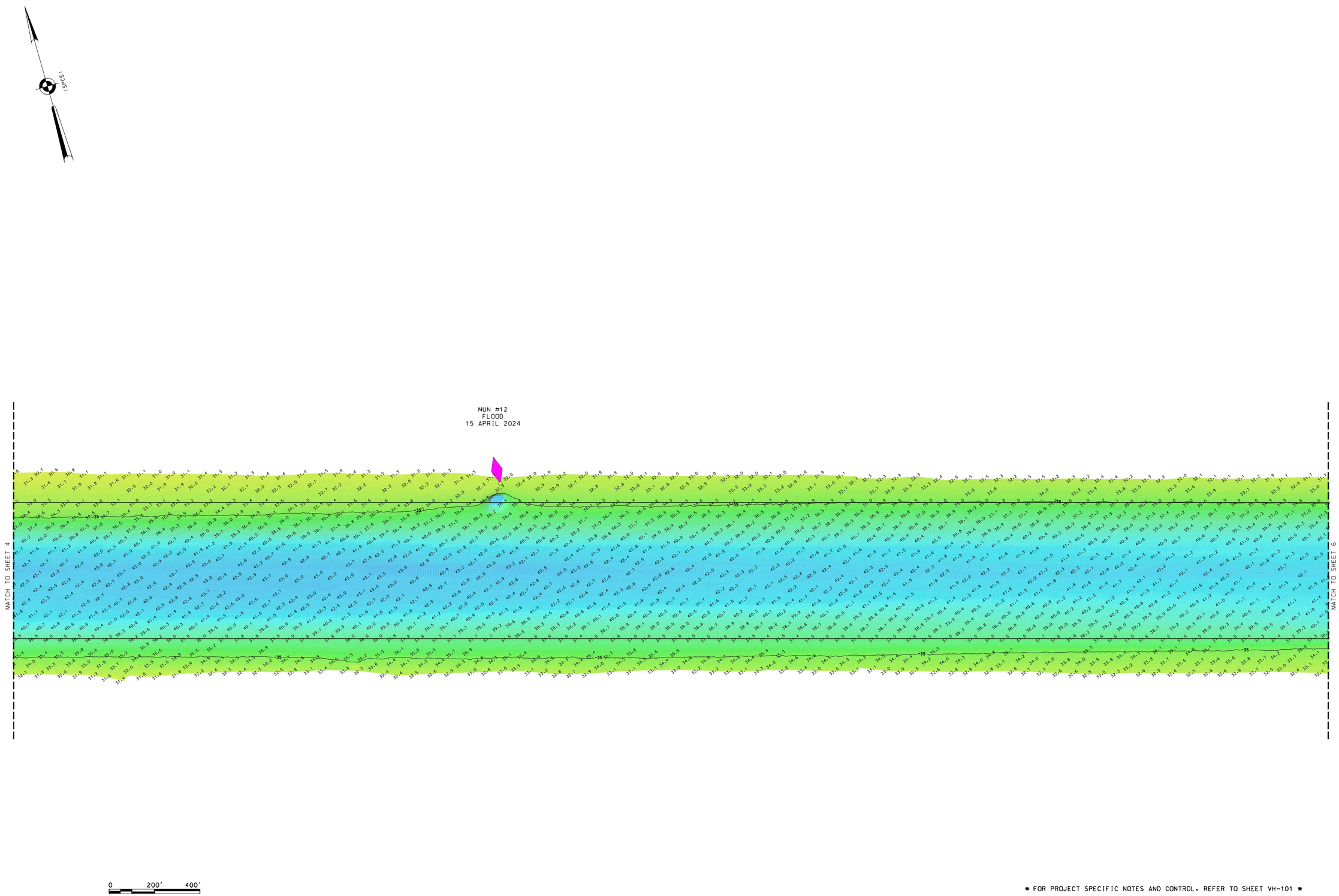
NEW YORK AND NEW JERSEY CHANNELS
RARITAN BAY REACHES
CONDITION SURVEY

VH-104



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US ARMY CORPS
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NEW YORK DISTRICT

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VP	CWF	

DATES OF SURVEY:
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SCALE:
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FIELD BOOKS:
N/A

REQ. NO./FILE NO.: 5431/0

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CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS

RARITAN BAY REACHES

CONDITION SURVEY

VH-105

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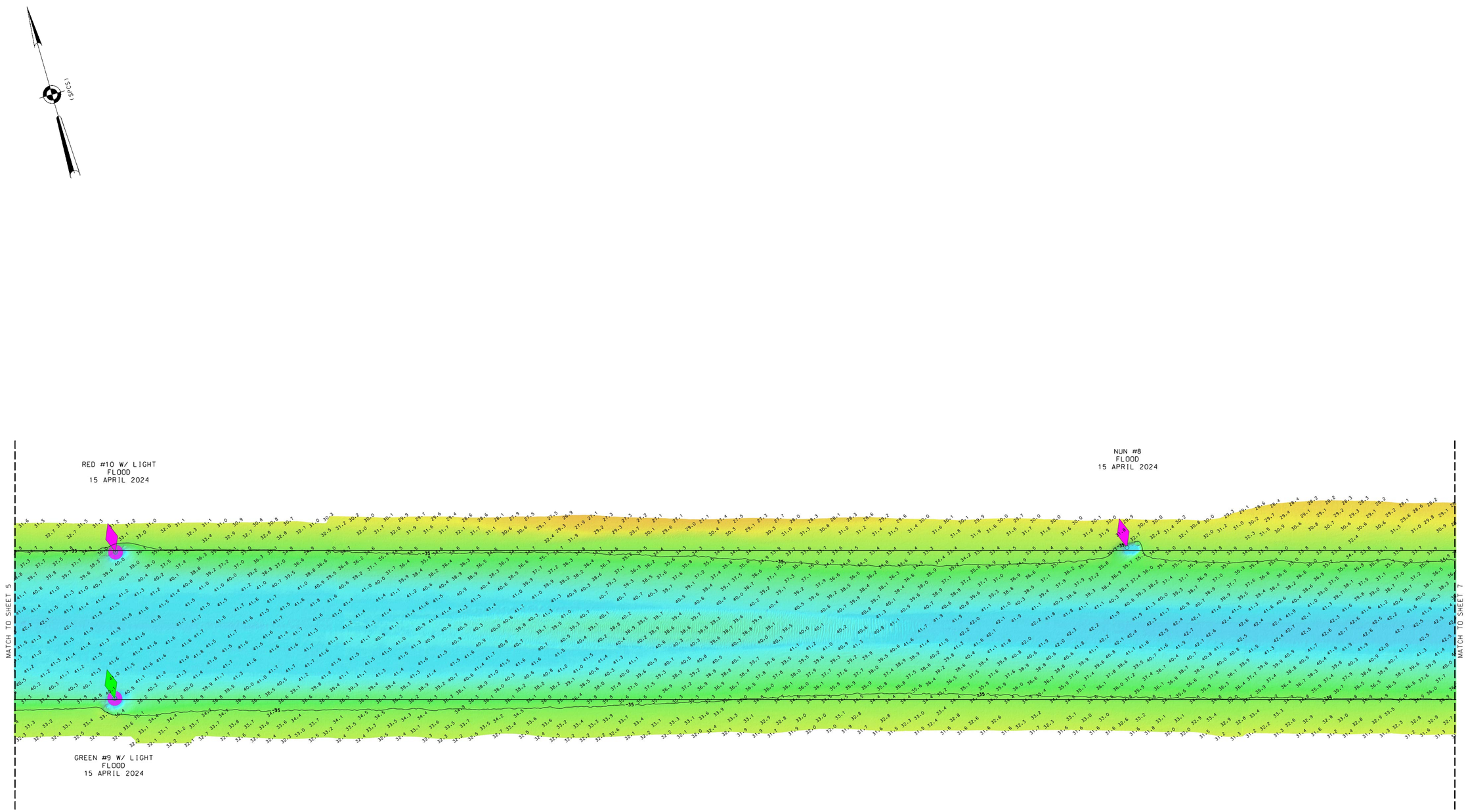

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NEW YORK DISTRICT

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N/A

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APPROVED: MKZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
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CENAN-OP-SS

NEW YORK AND NEW JERSEY CHANNELS
RARITAN BAY REACHES
CONDITION SURVEY

VH-106

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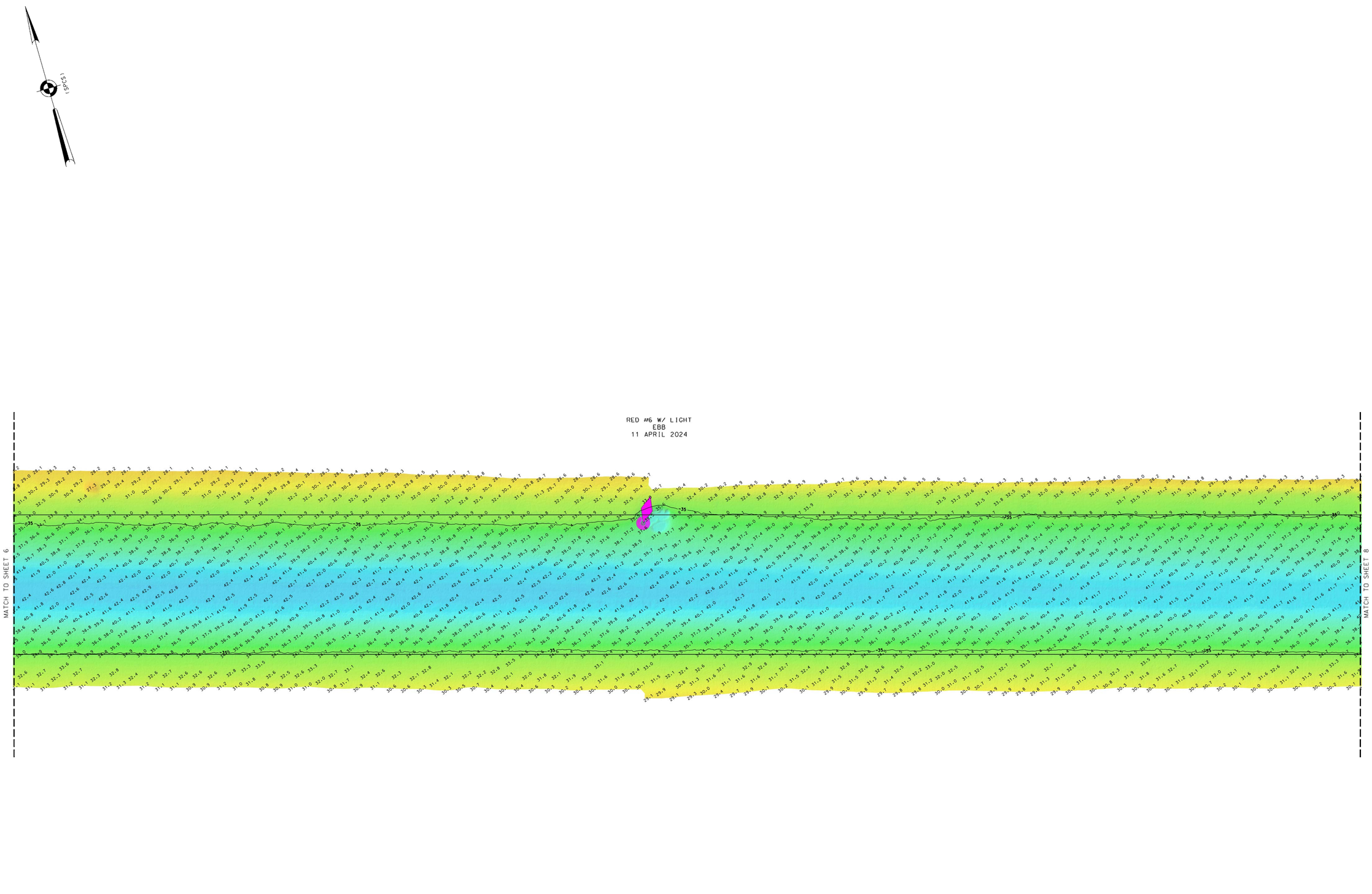

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US ARMY CORPS
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NEW YORK DISTRICT

PR	EQ-FA-CWF	
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DATES OF SURVEY:
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N/A

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APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MR. G.J. — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 24 APRIL 2024

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

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NEW YORK AND NEW JERSEY CHANNELS
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CONDITION SURVEY

VH-107

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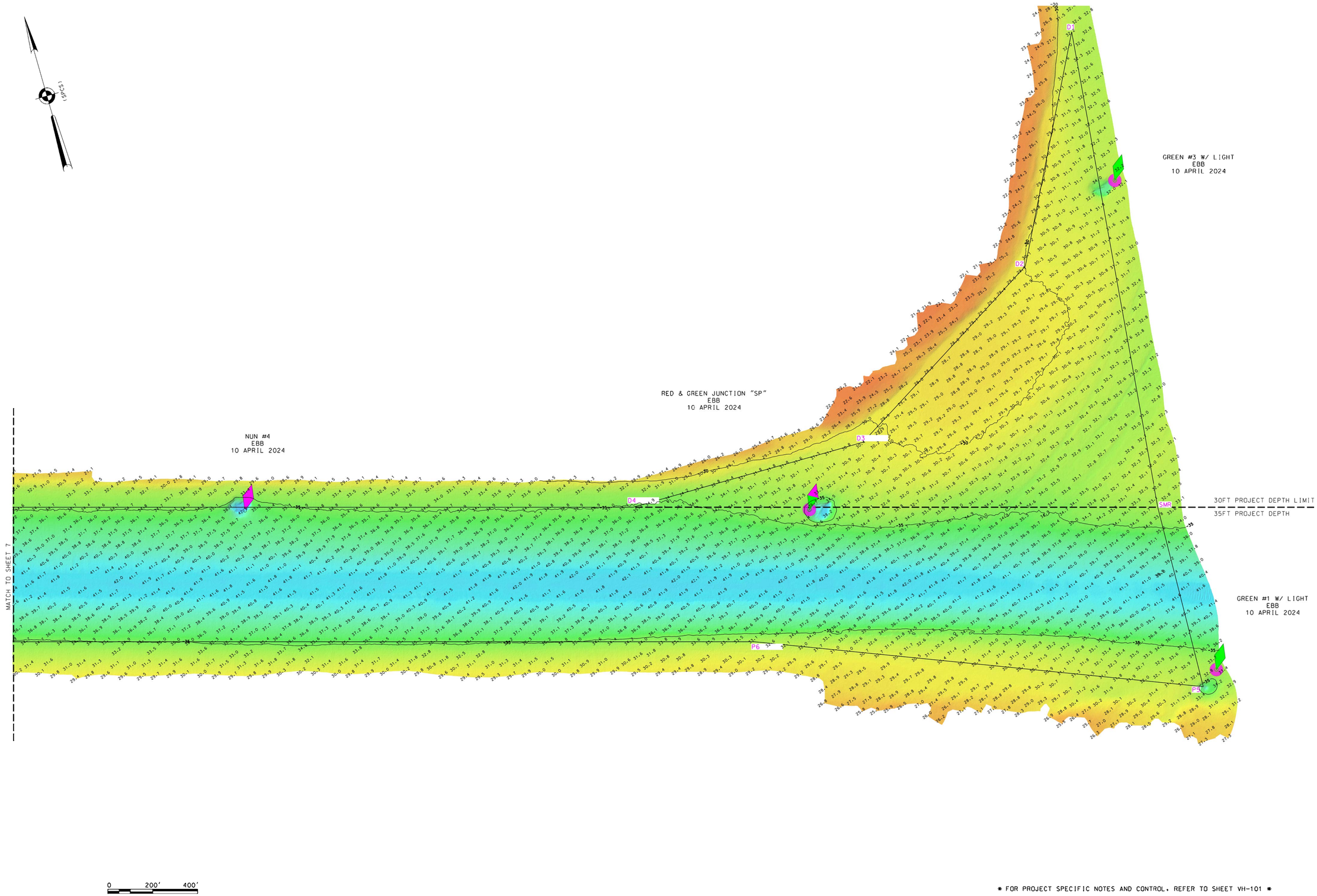

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US ARMY CORPS
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NEW YORK DISTRICT

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NEW YORK AND NEW JERSEY CHANNELS
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