

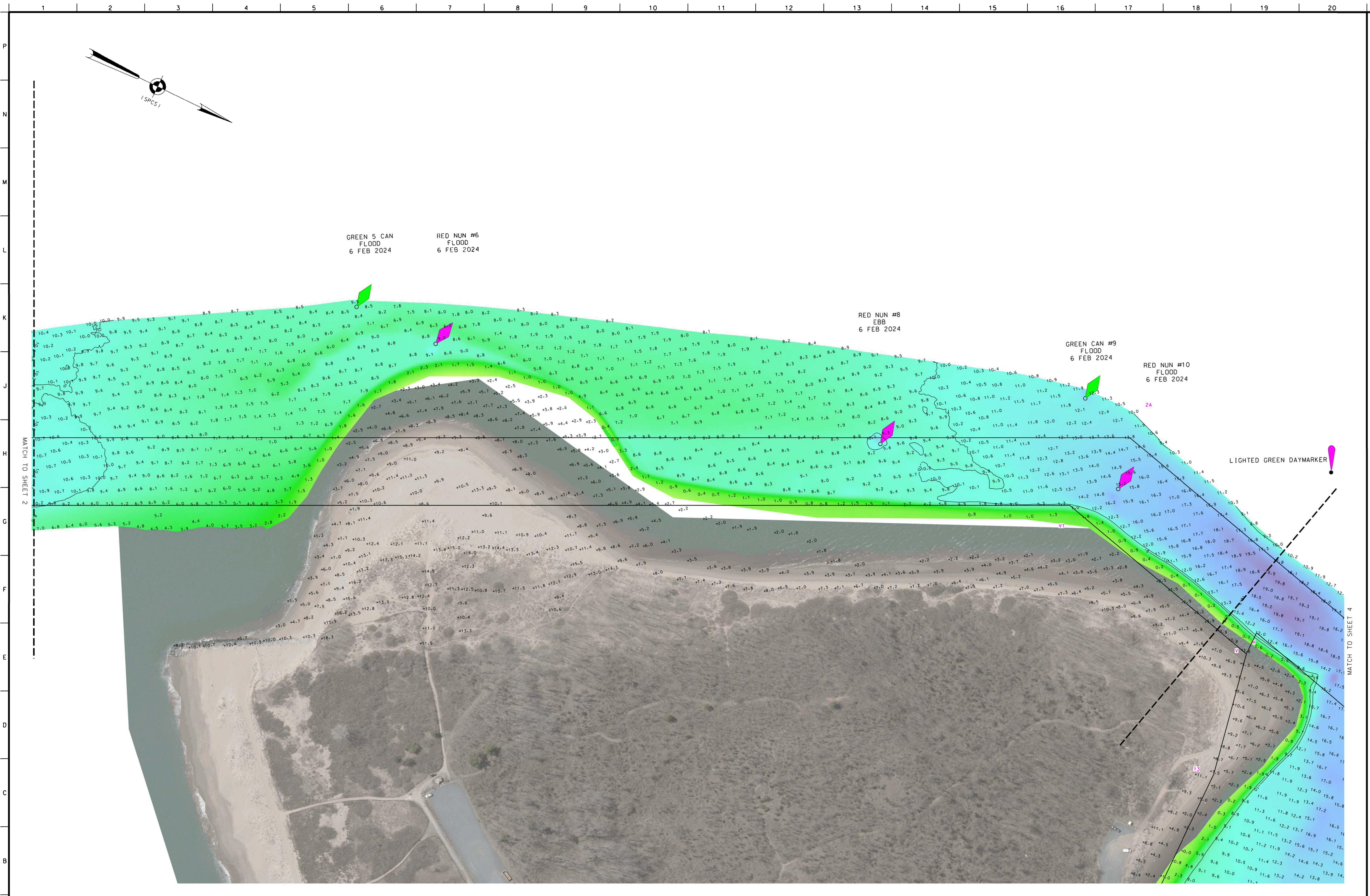


PROJECT SPECIFIC NOTES:

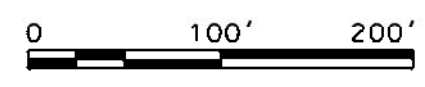
- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- THE TOPOGRAPHIC DATA ON THIS MAP MEET EM 1110-1-1005 ACCURACY STANDARDS.
- THIS MAP IS CEFD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6096.
- 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 3.0-3.1 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 30' 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 "NYDOT".

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: CROOKES ELEVATION: 13.41' (NAVD 1988)	BENCHMARK: U343 (PID:KVO387) ELEVATION: 7.12' (NAVD 1988)

 US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td>PR</td><td>SG</td><td>RR</td></tr> <tr><td> </td><td>CM</td><td>RR</td><td> </td></tr> <tr><td> </td><td>MP</td><td> </td><td> </td></tr> </table>		PR	SG	RR		CM	RR			MP		
	PR	SG	RR										
	CM	RR											
	MP												
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	APPROVED: M. WIDERHOUT FIELD CARTOGRAPHER APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN APPROVED: P. BRADSHAW CHIEF OF SURVEY SUPPORT SECTION APPROVED: J. MELTZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH DATE: 26 MARCH 2024												
DATES OF SURVEY: 3-9,26,29 FEB 2024 4,20,25,28 MARCH 2024	SCALE: ONE INCH = 800 FEET FIELD BOOKS: DNA 3												
REG. NO./FILE NO.: 15416/N2													
GREAT KILLS HARBOR NEW YORK CONDITION SURVEY													
VH-101 1 OF 6													



REFER TO SHEET VH-101 FOR PROJECT SPECIFIC NOTES



LOCAL CONTROL DATA
BENCHMARK: CROOKES ELEVATION: 13.41' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: U343 (PID:KV0387) ELEVATION: 7.12' (NAVD 1988)



US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY: 5-8-23 FEB 2024 4-20-25-28 MARCH 2024	RED. NO./FILE NO.: 15416/N2
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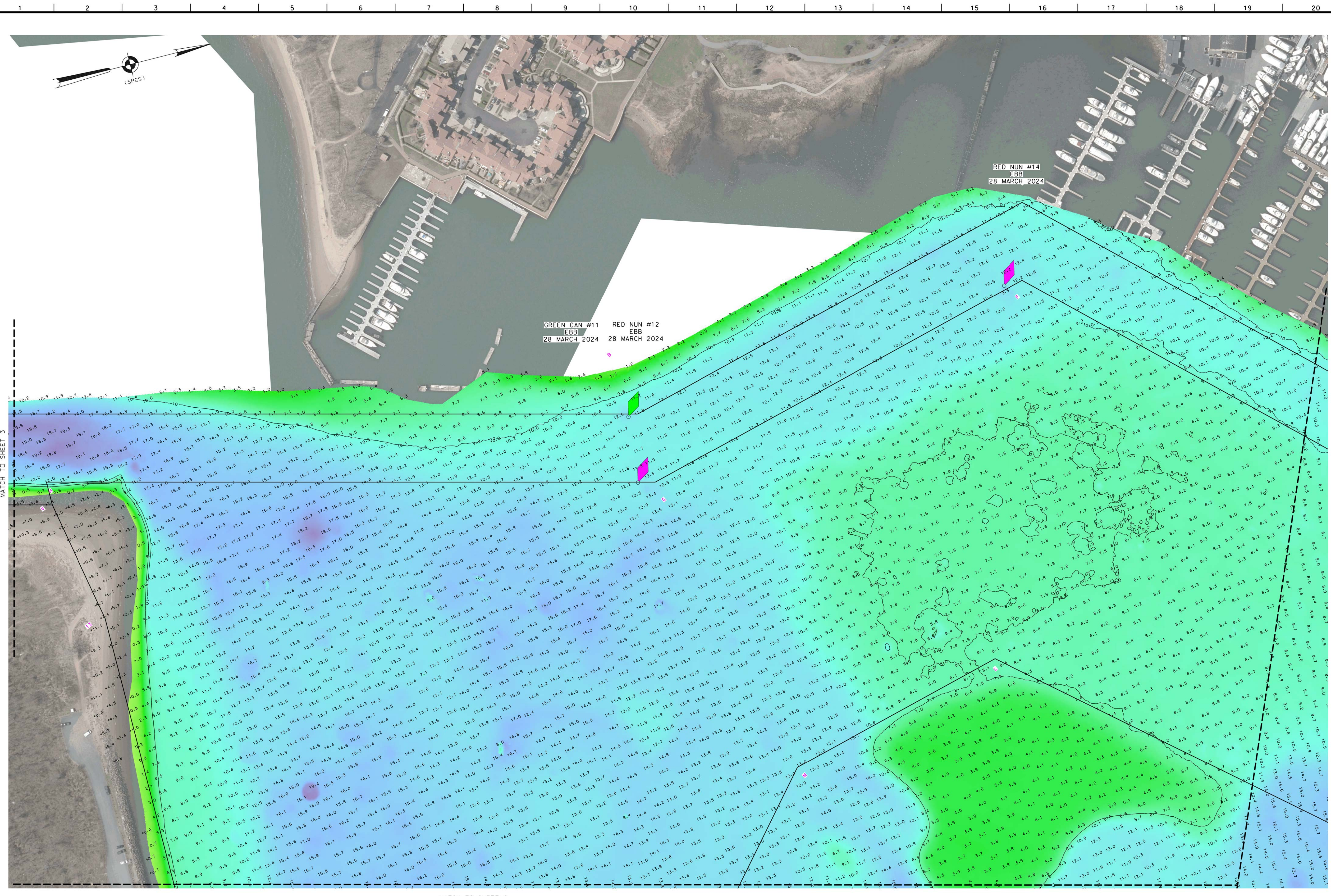
SCALE: ONE INCH = 100 FEET	FIELD BOOKS: DINA 3
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APPROVED: M. MCDERMOTT	FIELD CARTOGRAPHER
APPROVED: M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BLODUP	CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MRAZ	DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 26 MARCH 2024	

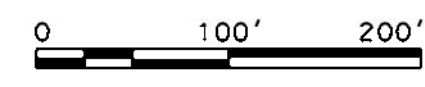
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U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

GREAT KILLS HARBOR
NEW YORK
CONDITION SURVEY

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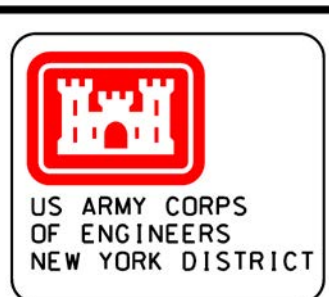


REFER TO SHEET VH-101 FOR PROJECT SPECIFIC NOTES



LOCAL CONTROL DATA
 BENCHMARK: CROOKES
 ELEVATION: 13.41' (NAVD 1988)

NSRS BENCHMARK
 BENCHMARK: U343 (PID:KV0387)
 ELEVATION: 7.12' (NAVD 1988)



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PR	SC	RR
MP		CM

DATES OF SURVEY:
 5-8-28-29 FEB 2024
 4-20-25-28 MARCH 2024

RED. NO./FILE NO.: 15416/N2

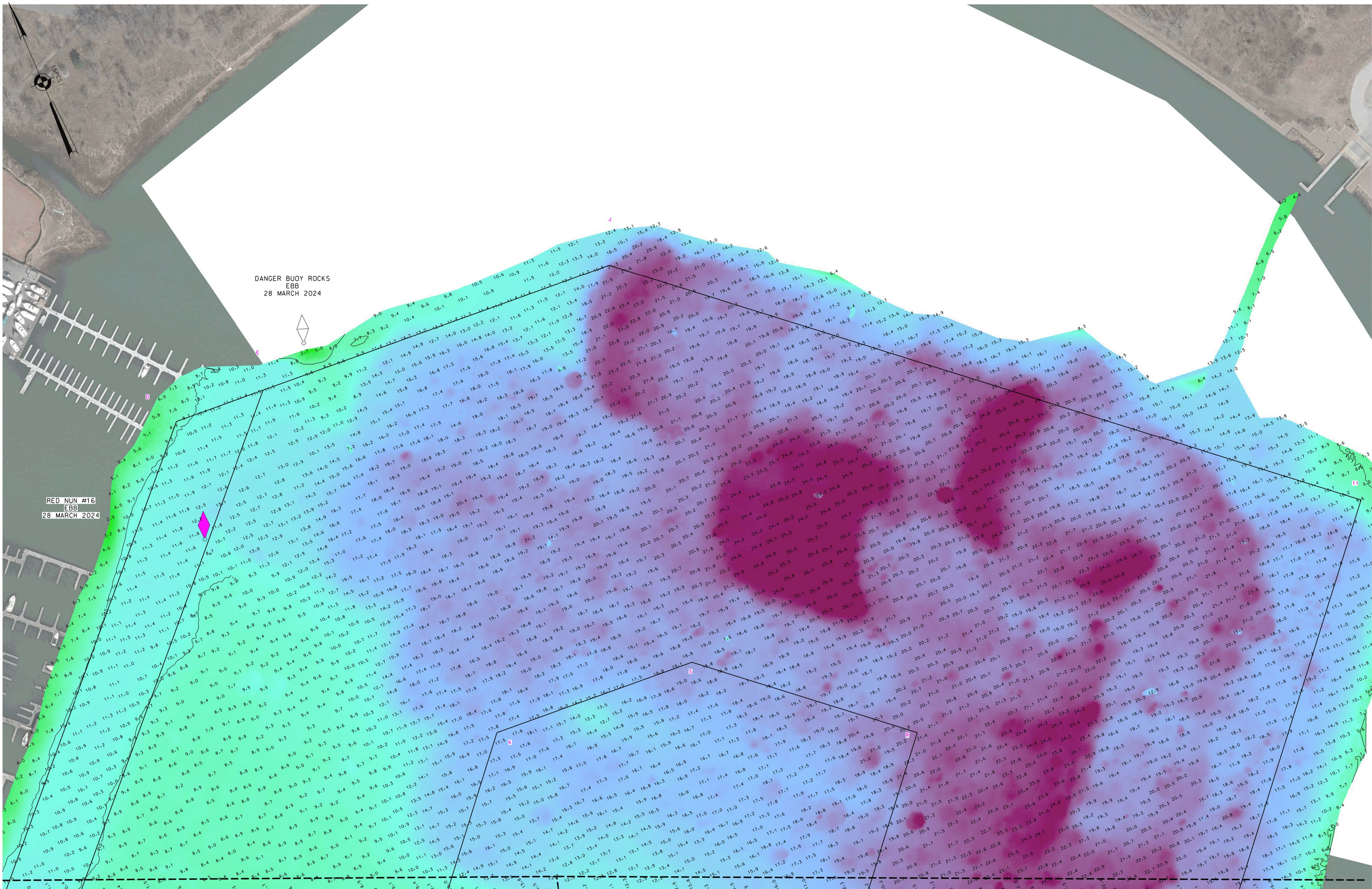
SCALE: ONE INCH = 100 FEET
 FIELD BOOKS: DINA 3

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

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 CENAN-OP-SS

GREAT KILLS HARBOR
 NEW YORK
 CONDITION SURVEY

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REFER TO SHEET VH-101 FOR PROJECT SPECIFIC NOTES

MATCH TO SHEET 4

MATCH TO SHEET 6



LOCAL CONTROL DATA
BENCHMARK: CROOKES
ELEVATION: 13.41' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: U343 (PID:KVO387)
ELEVATION: 7.12' (NAVD 1988)



US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	SC	RR
MP		CM

DATES OF SURVEY:
5-8-28-29 FEB 2024
4-20-25-28 MARCH 2024

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 3

APPROVED: M. McDERMOTT
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BLADIER
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, NEW YORK 10278

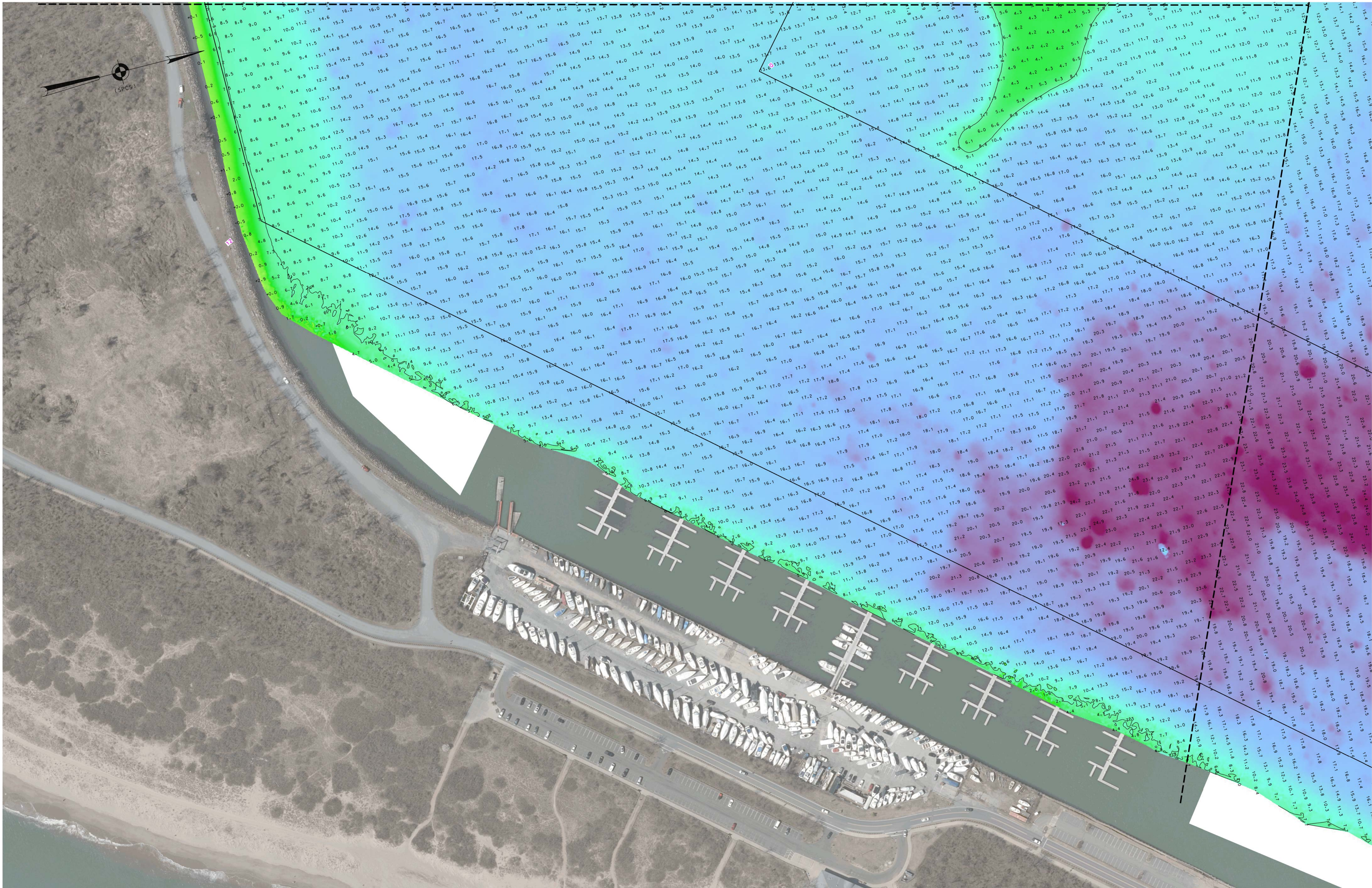
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SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

GREAT KILLS HARBOR
NEW YORK

CONDITION SURVEY

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MATCH TO SHEET 5



REFER TO SHEET VH-101 FOR PROJECT SPECIFIC NOTES



LOCAL CONTROL DATA
BENCHMARK: CROOKES ELEVATION: 13.41' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: U343 (PID:KV0387) ELEVATION: 7.12' (NAVD 1988)



US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	SG	RR
MP		CM
		RR

DATES OF SURVEY: 5-8-28-29 FEB 2024 4-20-25-28 MARCH 2024	REG. NO./FILE NO.: 15416/N2
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SCALE: ONE INCH = 100 FEET	FIELD BOOKS: DINA 3
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APPROVED: M. McDERMOTT FIELD CARTOGRAPHER	APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BALDUR CHIEF OF SURVEY SUPPORT SECTION	APPROVED: J. GRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 26 MARCH 2024	

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CENAN-OP-SS

GREAT KILLS HARBOR
NEW YORK
CONDITION SURVEY

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