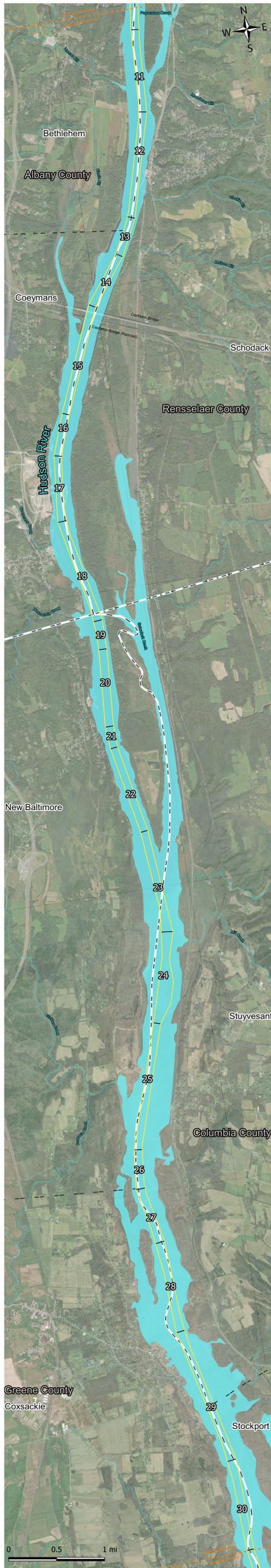
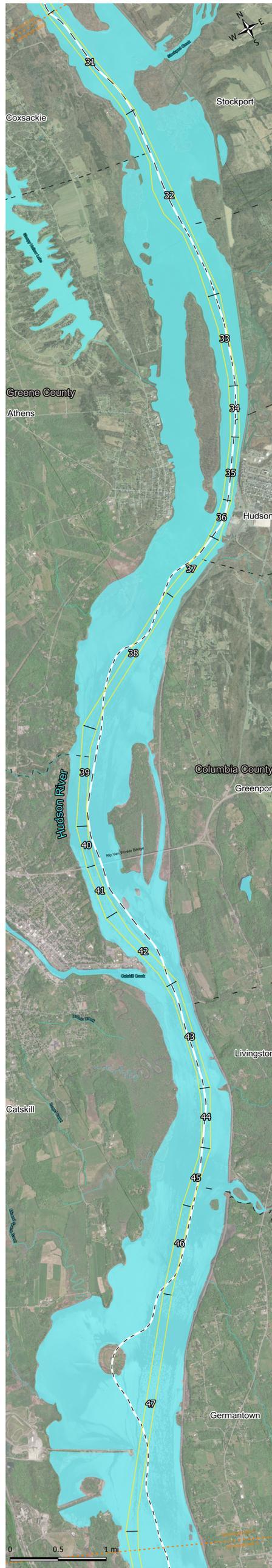


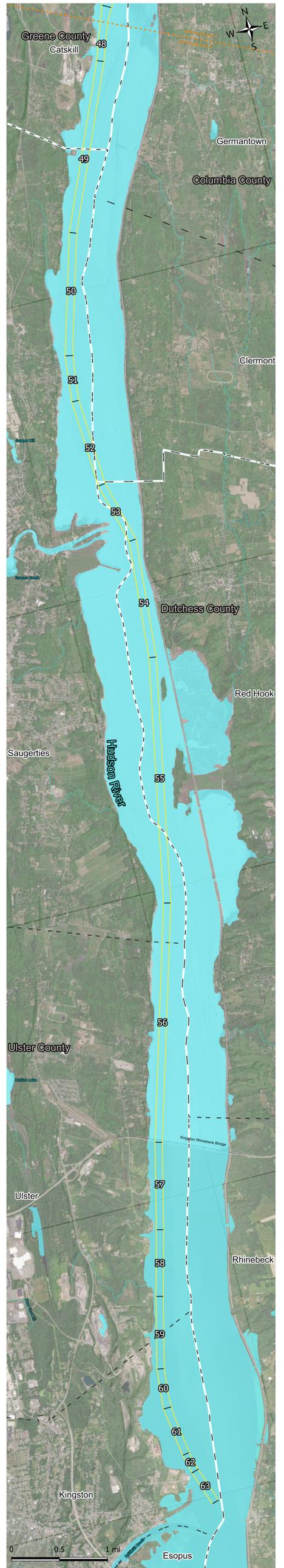
MAP A



MAP B



MAP C



MAP D

Not to be used for navigation

Hudson River Kingston to Waterford, NY Survey Reach Key Map Disclaimer – While the United States Army Corps of Engineers (here in after referred to as USACE) has made every reasonable effort to ensure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation, or guarantee, either expressed or implied, as to the content, sequence, accuracy, timeliness, or completeness of any of the data provided herein. USACE, its officers, agents, employees, or servants shall assume no liability of any nature for any errors, omissions, or inaccuracies in the information provided regardless of the cause. USACE, its officers, agents, employees, or servants shall assume no liability for any decisions made or actions taken or not taken by the user of the maps and associated data in reliance upon any information or data furnished here. By using these maps and associated data the user does so entirely at their own risk and explicitly acknowledges that she/he is aware of and agrees to be bound by this disclaimer and agrees not to present any claim or demand of any nature against USACE, its officers, agents, employees, or servants in any forum whatsoever for any damages of any nature whatsoever that may result from or be caused in any way by the use of the maps and associated data.

Coordinate system used is NAD1983 State Plane New York East. Basemap courtesy of Bing.

# Hudson River Kingston to Waterford, NY Survey Reach Key Map

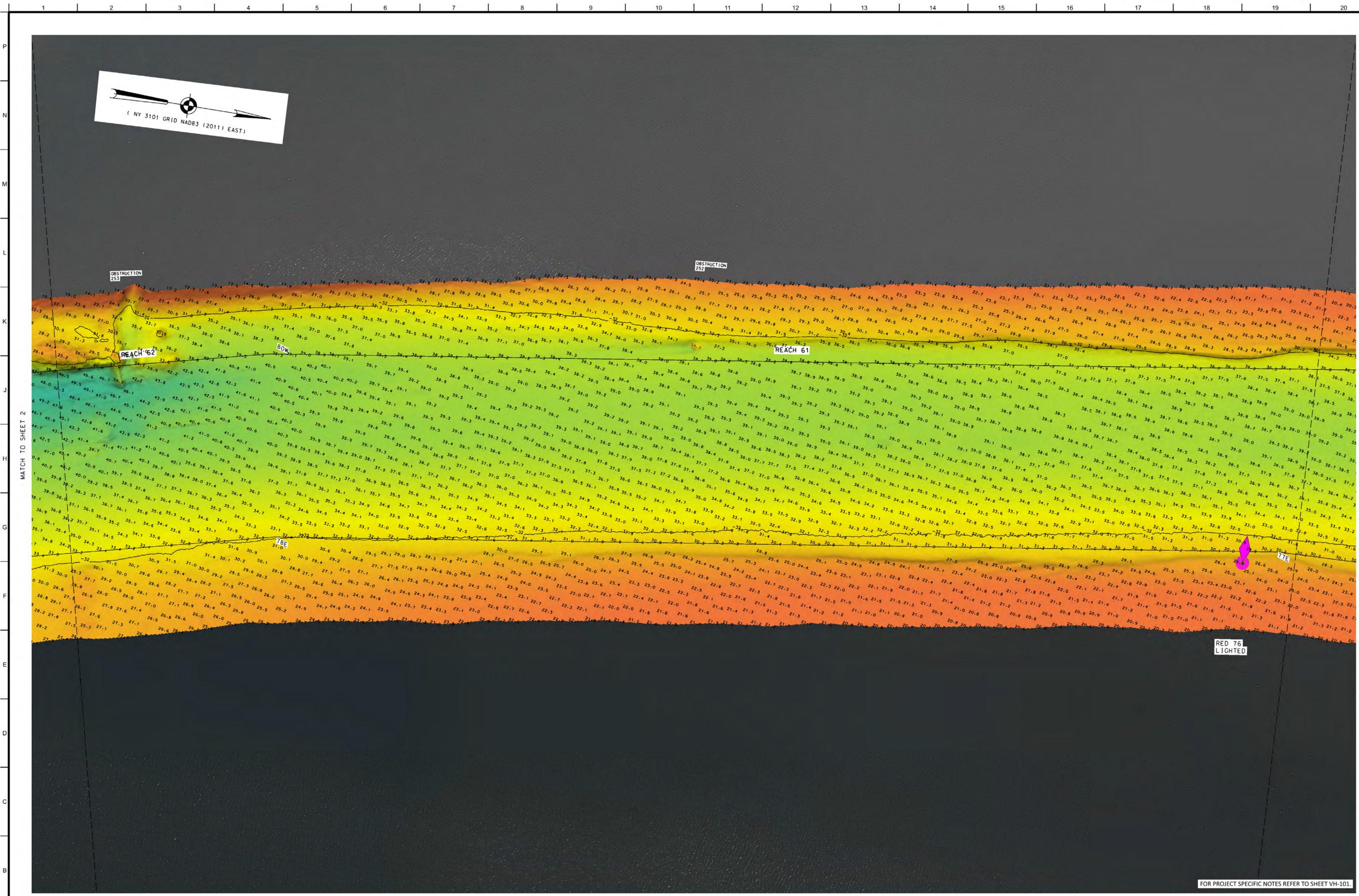
**Legend**

- Federal Navigation Channel
- Reach Boundary
- Hydrographic Features
- Cities & Towns
- Counties
- Hydrographic Features









US ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT

PR	BJ	WH
MP		

DATES OF SURVEY:  
TO 07 AUGUST 2023  
TO 29 AUGUST 2023

SCALE: ONE INCH = 100 FEET  
FIELD BOOKS: 2184, 2175  
REQ. NO./FILE NO.: 5303/CAWOOD

APPROVED: M. HILDEN FIELD ENGINEER  
APPROVED: R. SMITH CIVIL ENGINEERING TECH  
APPROVED: P. BLAGIER CHIEF OF SURVEY SUPPORT SECTION  
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH  
DATE: 29 AUGUST 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

HUDSON RIVER  
KINGSTON TO WATERFORD  
NEW YORK  
HYDROGRAPHIC CONDITION SURVEY

VH-103  
3 OF 123

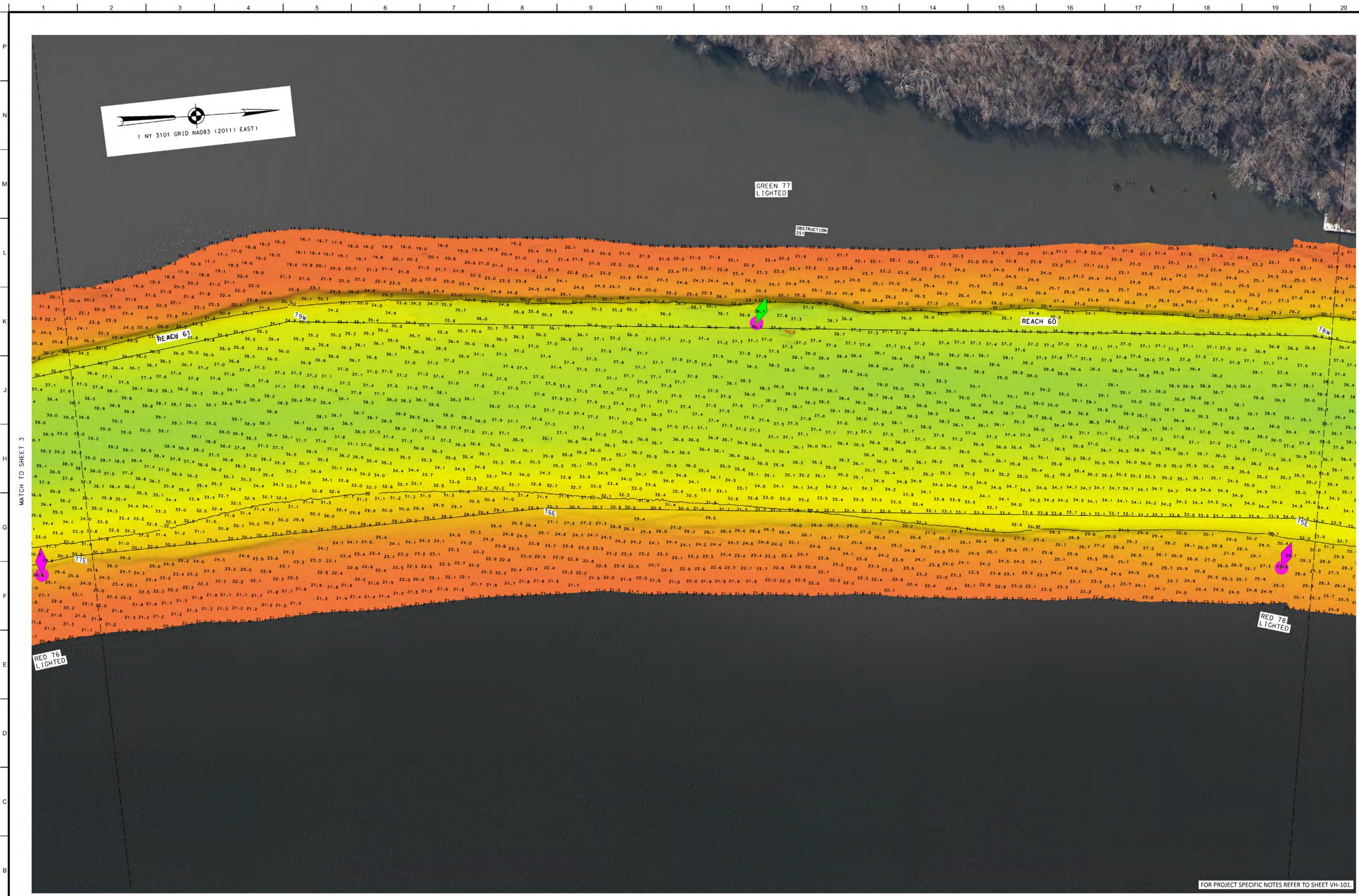


**MCKIM & CREED**  
243 NORTH FRONT STREET  
WILMINGTON, NORTH CAROLINA 28401  
TELEPHONE: (910) 345-1048  
FAX: (910) 251-8282  
NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: 01-1 ELEVATION: 3.87' (NAVD88)

NSRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BBDR68) ELEVATION: 25.32' (NAVD88)

FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.



US ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT

PR	BJ	WH
MP		

DATES OF SURVEY:  
TO 07 AUGUST 2023  
TO 29 AUGUST 2023

REQ. NO./FILE NO.: 5303/CAWOOD

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:  
2184  
2175

APPROVED: M. HOLDEN FIELD ENGINEER

APPROVED: R. SMITH CIVIL ENGINEERING TECH

APPROVED: P. BLAGIER CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 29 AUGUST 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

HUDSON RIVER  
KINGSTON TO WATERFORD  
NEW YORK

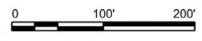
HYDROGRAPHIC CONDITION SURVEY

VH-104  
4 OF 123

MATCH TO SHEET 3

MATCH TO SHEET 5

FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.



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TELEPHONE: (910) 343-1048  
FAX: (910) 251-8282  
NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: 01-1 ELEVATION: 3.87' (NAVD88)

NSRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BBDR68) ELEVATION: 25.32' (NAVD88)

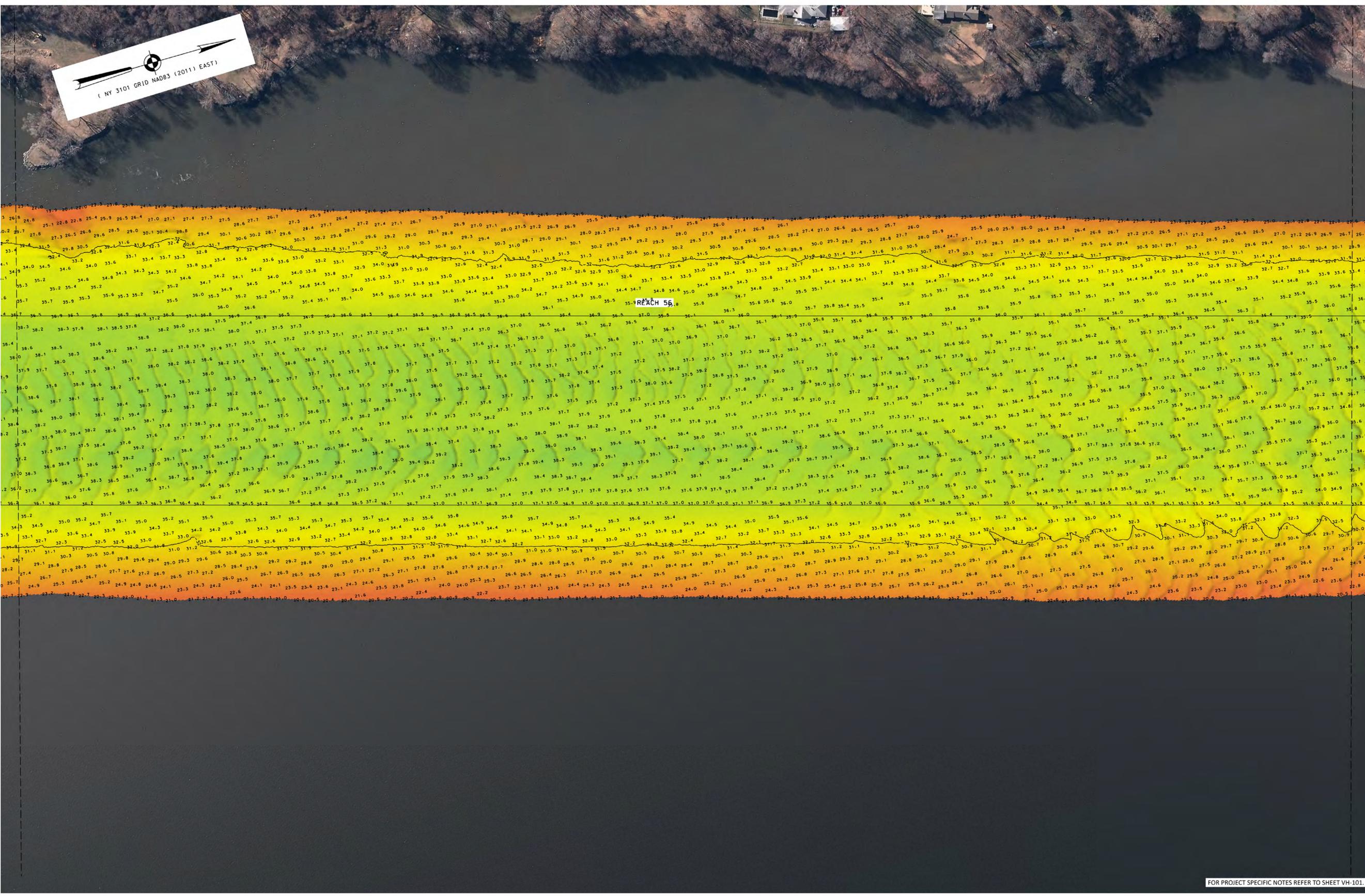












MATCH TO SHEET 9

MATCH TO SHEET 11



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 243 NORTH FRONT STREET  
 WILMINGTON, NORTH CAROLINA 28401  
 TELEPHONE: (910) 343-1048  
 FAX: (910) 251-9282  
 NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12	BENCHMARK: 01-1
ELEVATION: 8.67' (NAVD88)	ELEVATION: 3.87' (NAVD88)

NRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BDR68)
ELEVATION: 25.32' (NAVD88)



U.S. ARMY CORPS OF ENGINEERS  
 NEW YORK DISTRICT

PR	BJ
MP	WH

DATES OF SURVEY:	REQ. NO./FILE NO.: 5303/CAWOOD
TO 07 AUGUST 2023	
FROM 29 AUGUST 2023	

SCALE:	FIELD BOOKS:
ONE INCH = 100 FEET	2184
	2175

APPROVED:	M. HOLDEN	FIELD ENGINEER
APPROVED:	R. SMITH	SENIOR ENGINEERING TECH
APPROVED:	P. BLAGIER	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	J. MRAZ	DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE:	29 AUGUST 2023	

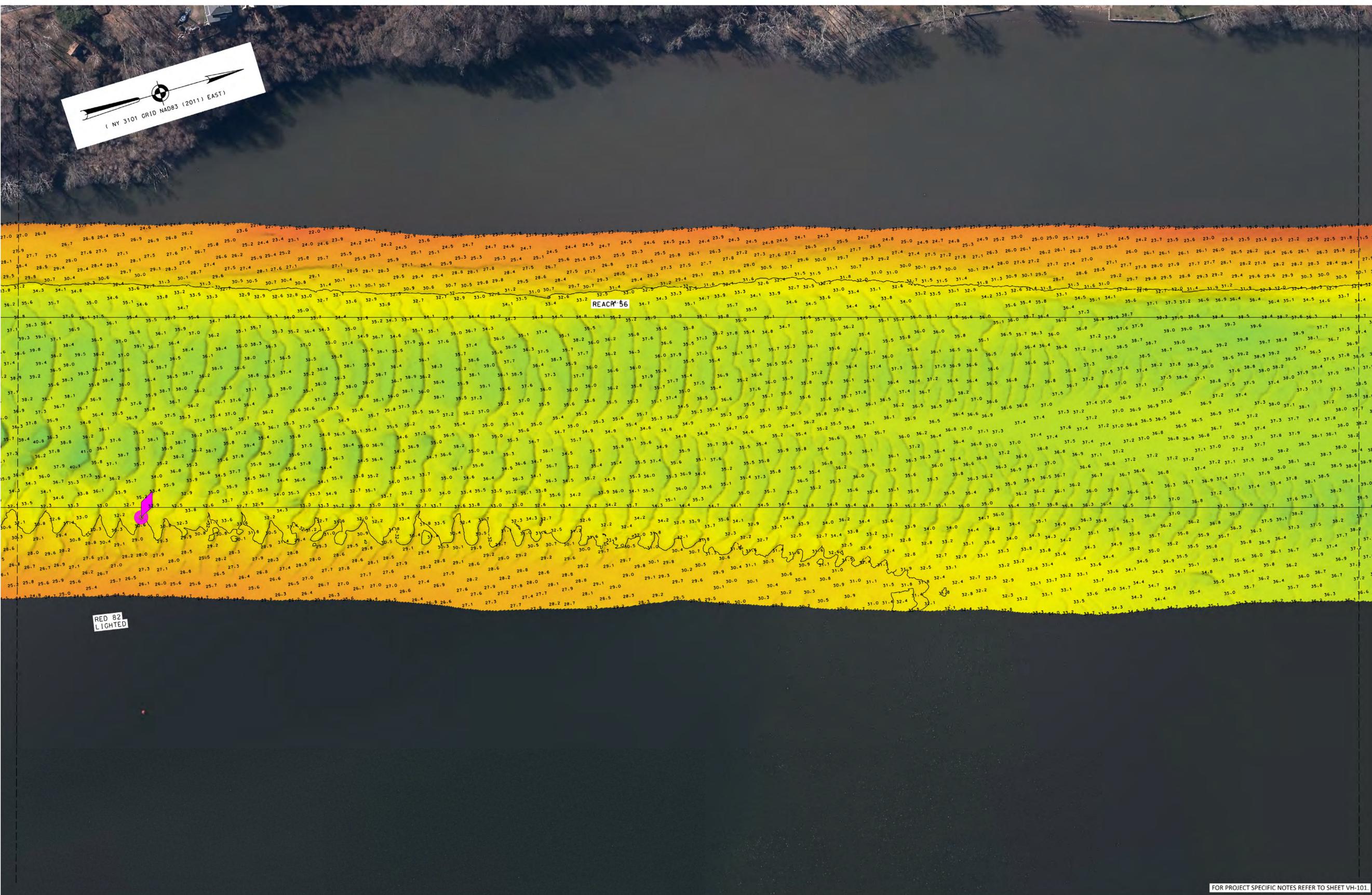
DEPARTMENT OF THE ARMY  
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 NEW YORK DISTRICT  
 NEW YORK, NEW YORK 10278  
 OPERATIONS DIVISION  
 SURVEYS AND MAPPING BRANCH  
 CENAN-OP-SS

HUDSON RIVER  
 KINGSTON TO WATERFORD  
 NEW YORK  
 HYDROGRAPHIC CONDITION SURVEY

FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.

VH-110  
 10 OF 123





US ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT

PR	BJ
MP	WH

DATES OF SURVEY: 07 AUGUST 2023 TO 29 AUGUST 2023	REQ. NO./FILE NO.: 5303/CAWOOD
SCALE: ONE INCH = 100 FEET	FIELD BOOKS: 2184 2175

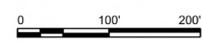
APPROVED:	M. HILDEN	FIELD ENGINEER
APPROVED:	R. SMITH	SENIOR ENGINEERING TECH
APPROVED:	P. BLAGUER	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	J. MRAZ	DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE:	29 AUGUST 2023	

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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

HUDSON RIVER  
KINGSTON TO WATERFORD  
NEW YORK

HYDROGRAPHIC CONDITION SURVEY



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WILMINGTON, NORTH CAROLINA 28401  
TELEPHONE: (910) 343-1048  
FAX: (910) 251-8282  
NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: 01-1 ELEVATION: 3.87' (NAVD88)

NRSR BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BBDR68) ELEVATION: 25.32' (NAVD88)

FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.













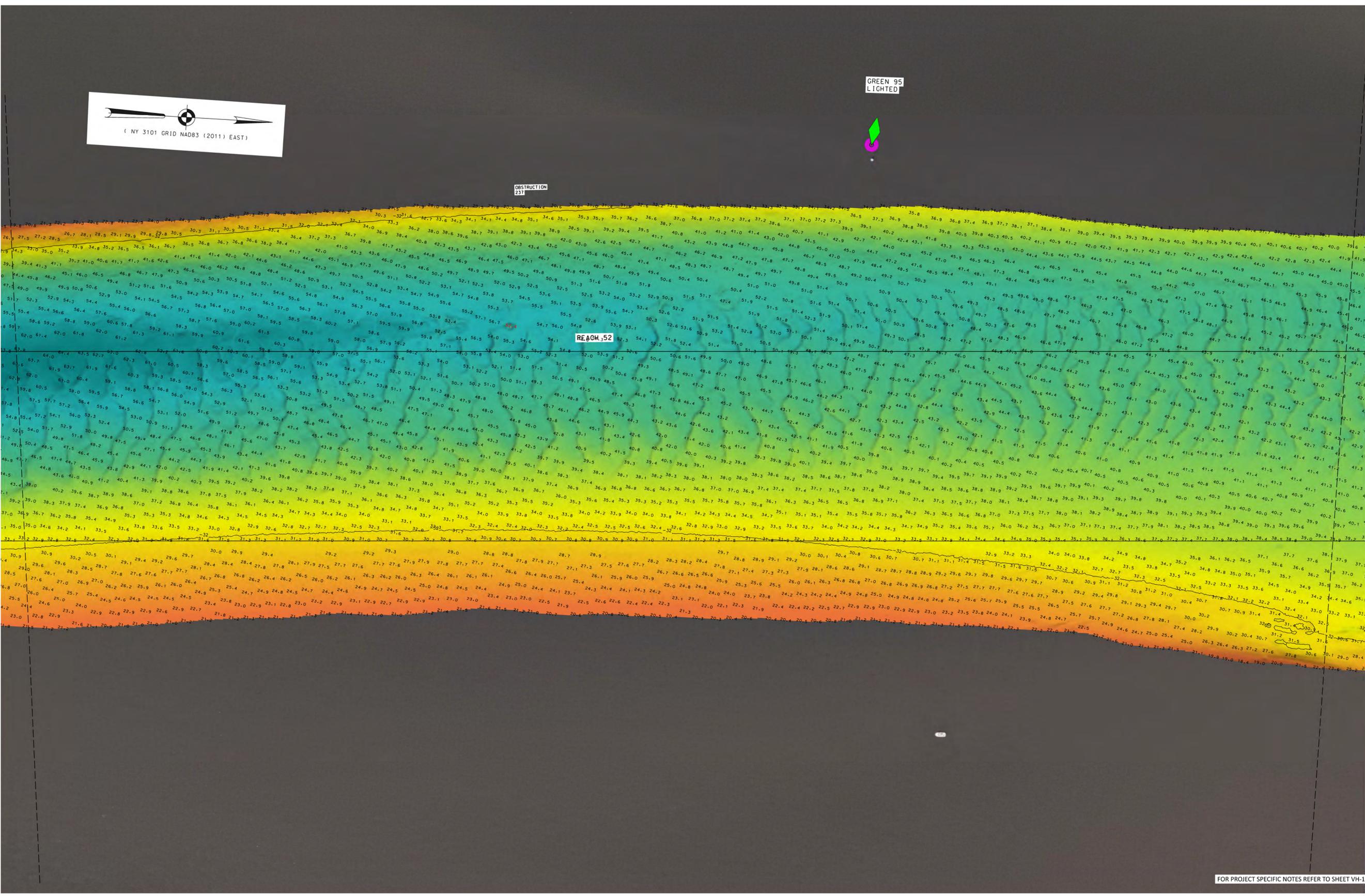






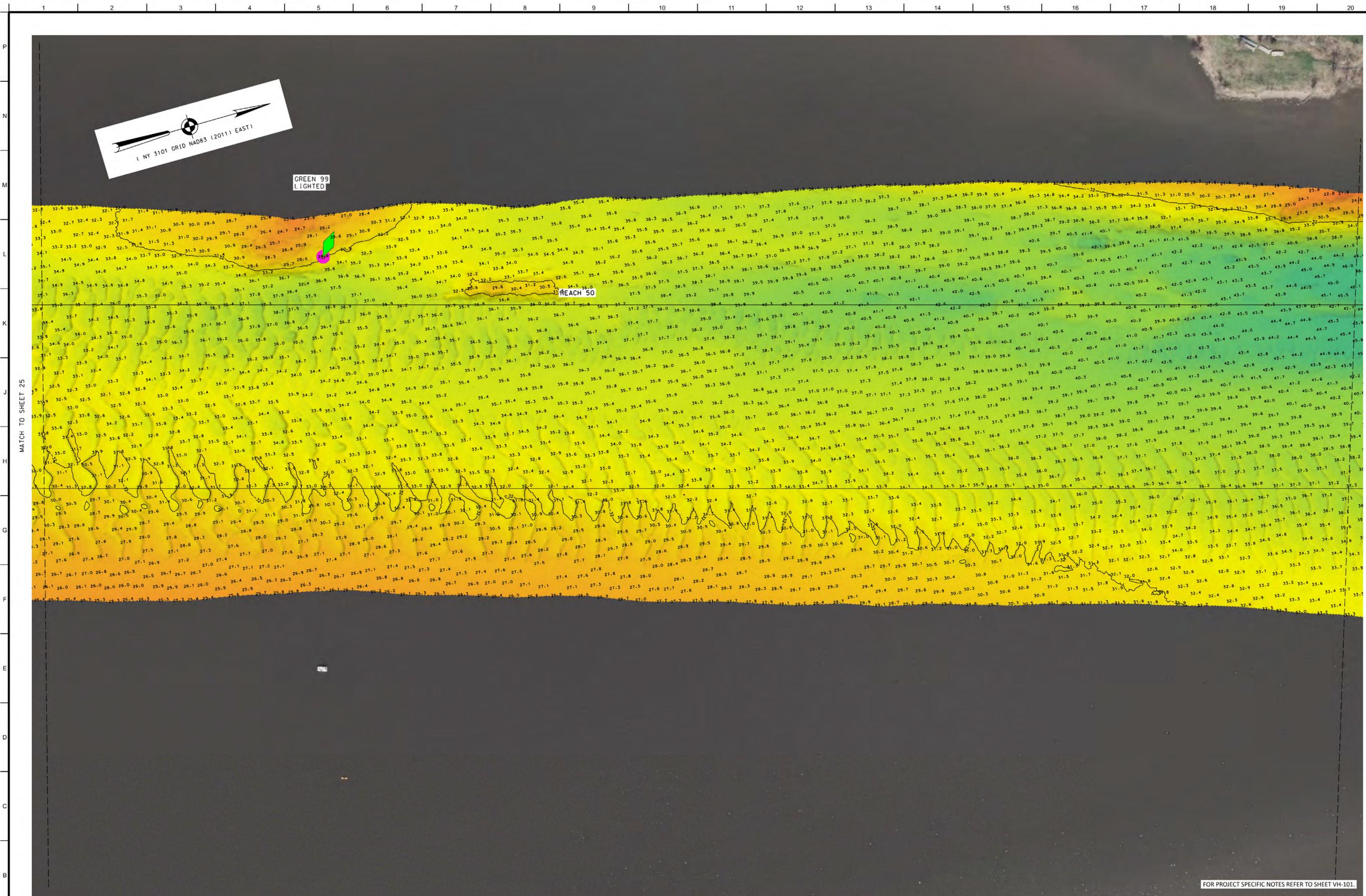


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US ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT

PR	BJ	MI
MP		

DATES OF SURVEY:  
07 AUGUST 2023  
TO  
29 AUGUST 2023

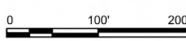
SCALE: ONE INCH = 100 FEET  
FIELD BOOKS:  
2184  
2175

APPROVED: M. HILDEN FIELD ENGINEER  
APPROVED: R. SMITH CIVIL ENGINEERING TECH  
APPROVED: P. BLAGIER CHIEF OF SURVEY SUPPORT SECTION  
APPROVED: J. MARZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH  
DATE: 29 AUGUST 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

HUDSON RIVER  
KINGSTON TO WATERFORD  
NEW YORK  
HYDROGRAPHIC CONDITION SURVEY

VH-126  
26 OF 123



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243 NORTH FRONT STREET  
WILMINGTON, NORTH CAROLINA 28401  
TELEPHONE: 910.734.1048  
FAX: 910.251.8282  
NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: 01-1 ELEVATION: 3.87' (NAVD88)

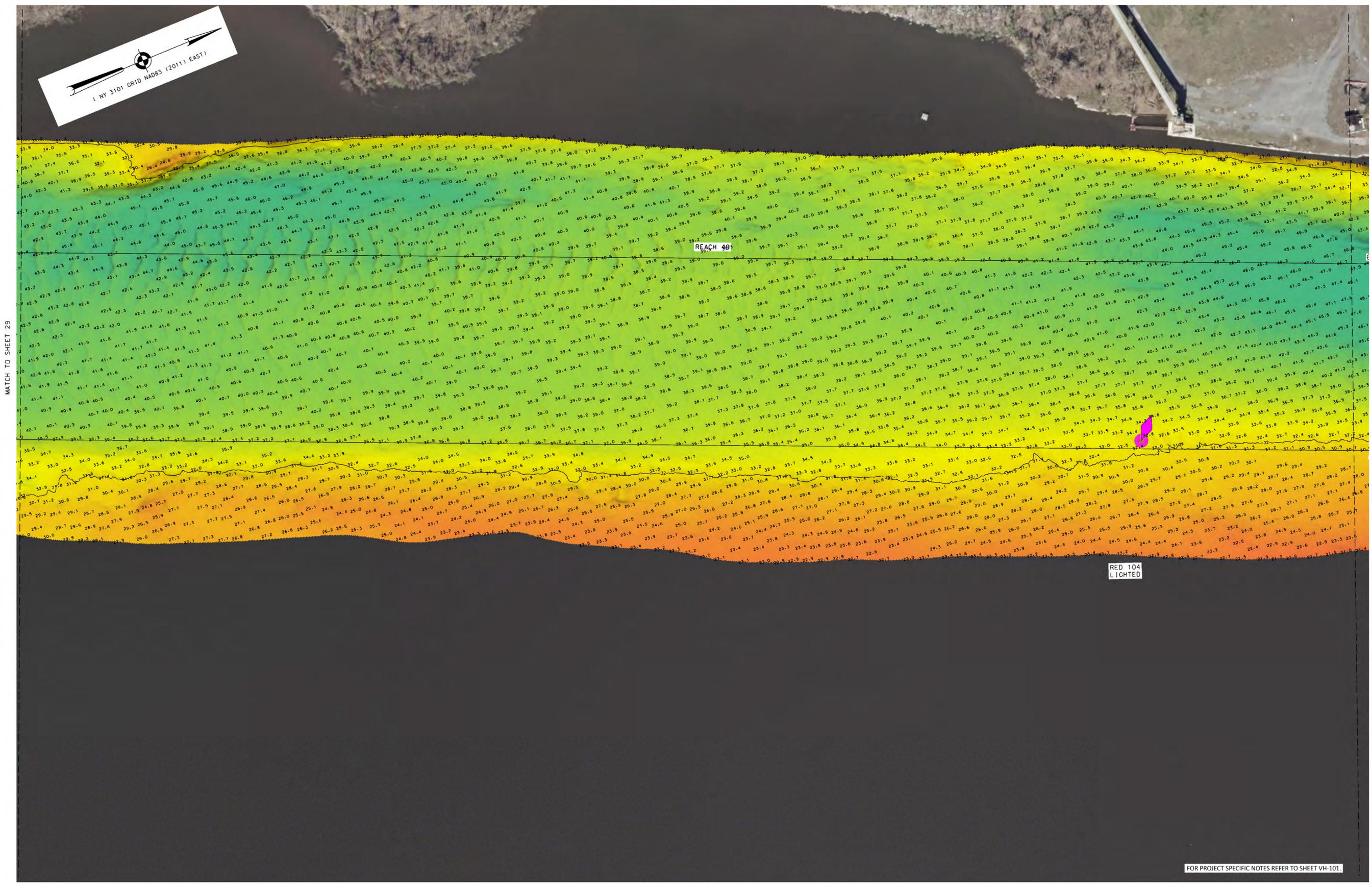
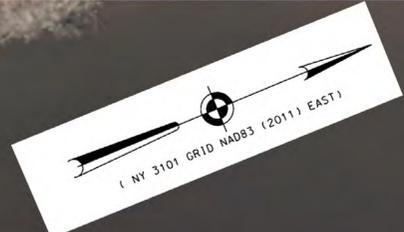
NSRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID: BDR68) ELEVATION: 25.32' (NAVD88)

FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101









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 243 NORTH FRONT STREET  
 WILMINGTON, NORTH CAROLINA 28401  
 TELEPHONE: (910) 343-1048  
 FAX: (910) 251-8282  
 NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: O1-1 ELEVATION: 3.87' (NAVD88)

NSRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BBDR68) ELEVATION: 25.32' (NAVD88)

FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.



US ARMY CORPS OF ENGINEERS  
 NEW YORK DISTRICT

DATE:	DATE:	DATE:	DATE:
BY:	BY:	BY:	BY:
PR:	PR:	PR:	PR:
MP:	MP:	MP:	MP:

DATES OF SURVEY:  
 TO 07 AUGUST 2023  
 TO 29 AUGUST 2023  
 TO 29 AUGUST 2023  
 TO 29 AUGUST 2023

SCALE: ONE INCH = 100 FEET  
 FIELD BOOKS: 2184, 2175  
 REQ. NO./FILE NO.: F5303/CAWOOD

APPROVED: M. HILDEN FIELD ENGINEER  
 APPROVED: R. SMITH CIVIL ENGINEERING TECH  
 APPROVED: P. BLAGOJEVIC CHIEF OF SURVEY SUPPORT SECTION  
 APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH  
 DATE: 29 AUGUST 2023

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

NEW YORK  
 KINGSTON TO WATERFORD  
 NEW YORK  
 HYDROGRAPHIC CONDITION SURVEY



US ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT

PR	BJ	MH
MP		

DATES OF SURVEY:  
TO 07 AUGUST 2023  
TO 29 AUGUST 2023

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:  
2184  
2175

REQ. NO./FILE NO.: F5303/CAWOOD

APPROVED: M. HILDEN FIELD ENGINEER

APPROVED: R. SMITH CIVIL ENGINEERING TECH

APPROVED: P. BLAGUER CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 29 AUGUST 2023

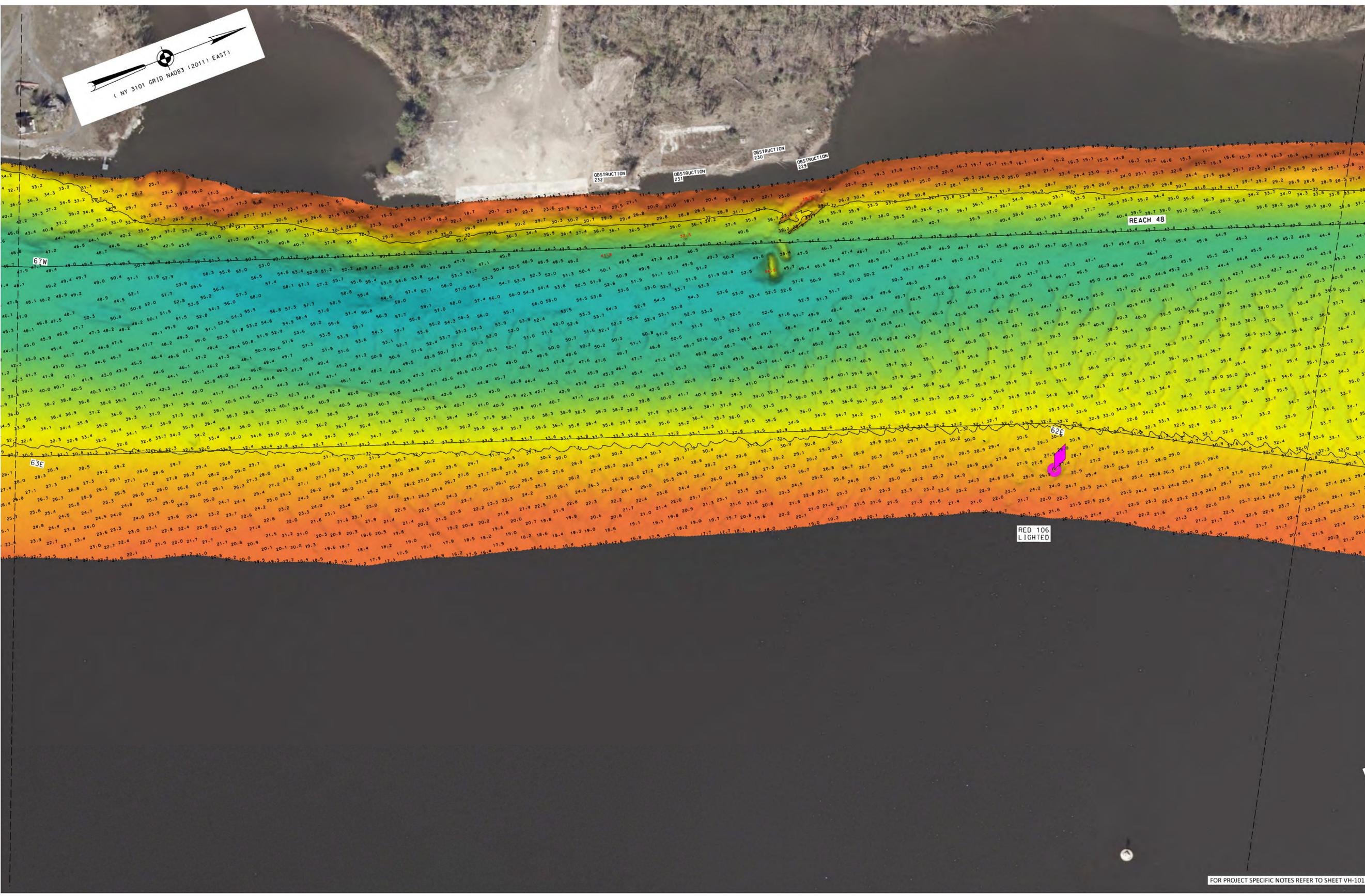
DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT  
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION  
SURVEYS AND MAPPING BRANCH  
CENAN-OP-SS

HUDSON RIVER  
KINGSTON TO WATERFORD  
NEW YORK

HYDROGRAPHIC CONDITION SURVEY

VH-131  
31 OF 123



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243 NORTH FRONT STREET  
WILMINGTON, NORTH CAROLINA 28401  
PHONE: (910) 343-1048  
FAX: (910) 251-9282  
NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: O1-1 ELEVATION: 3.87' (NAVD88)

NSRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BB0668) ELEVATION: 25.32' (NAVD88)







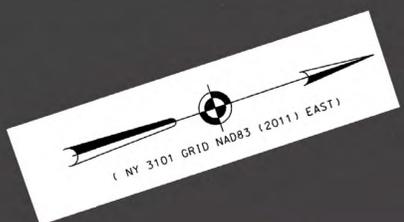
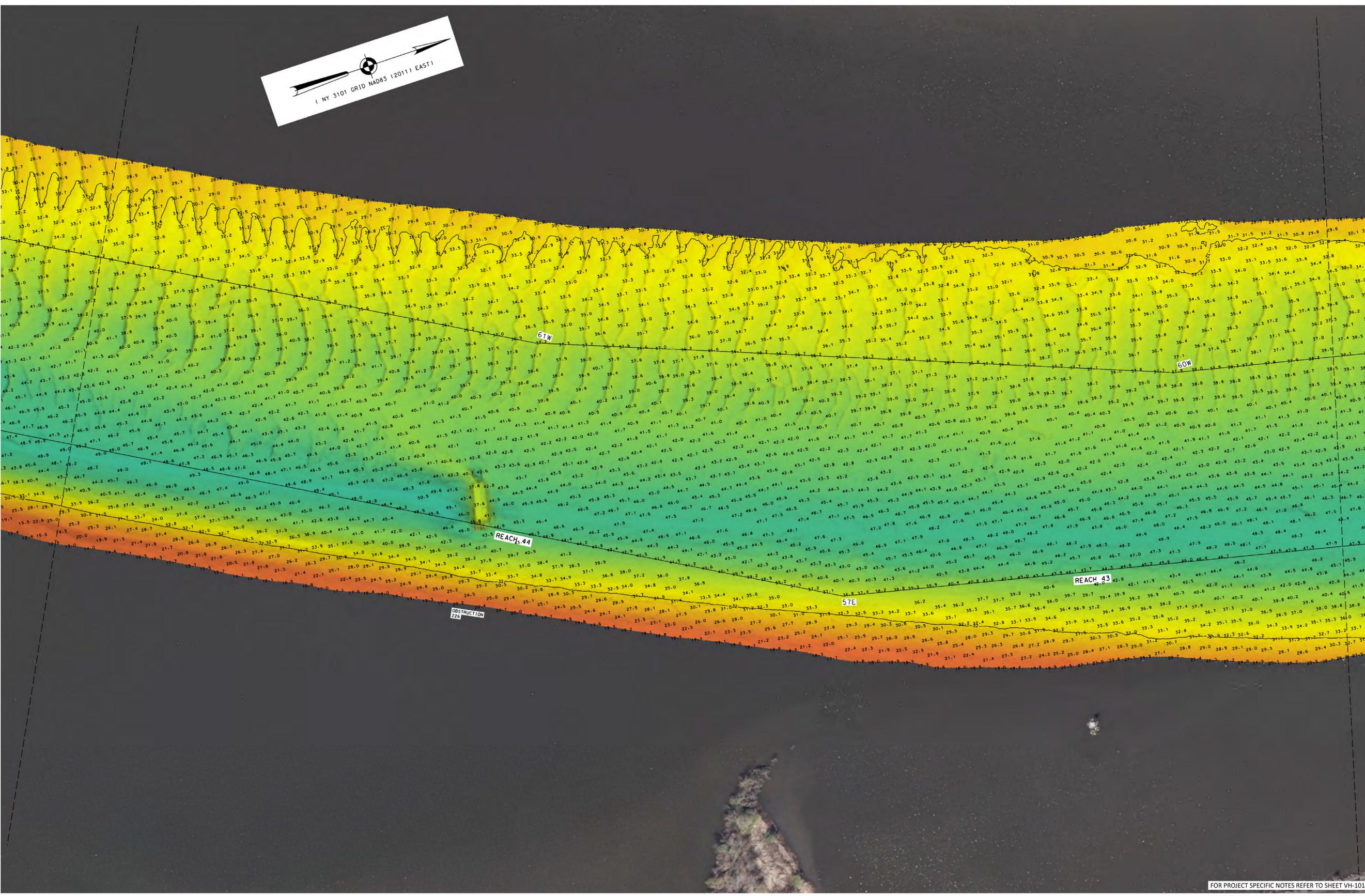






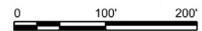


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MATCH TO SHEET 38

MATCH TO SHEET 40



FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.



US ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT

PR	2184
MP	2175

DATES OF SURVEY:  
TO 07 AUGUST 2023  
TO 29 AUGUST 2023

SCALE: ONE INCH = 100 FEET  
FIELD BOOKS: 2184, 2175

APPROVED: M. HILDEN FIELD ENGINEER  
APPROVED: R. SMITH CIVIL ENGINEERING TECH  
APPROVED: P. BLAGUER CHIEF OF SURVEY SUPPORT SECTION  
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH  
DATE: 29 AUGUST 2023

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

HUDSON RIVER  
KINGSTON TO WATERFORD  
NEW YORK  
HYDROGRAPHIC CONDITION SURVEY

VH-139  
39 OF 123

**MCKIM & CREED**  
243 NORTH FRONT STREET  
WILMINGTON, NORTH CAROLINA 28401  
FAX: (910) 251-8282  
NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

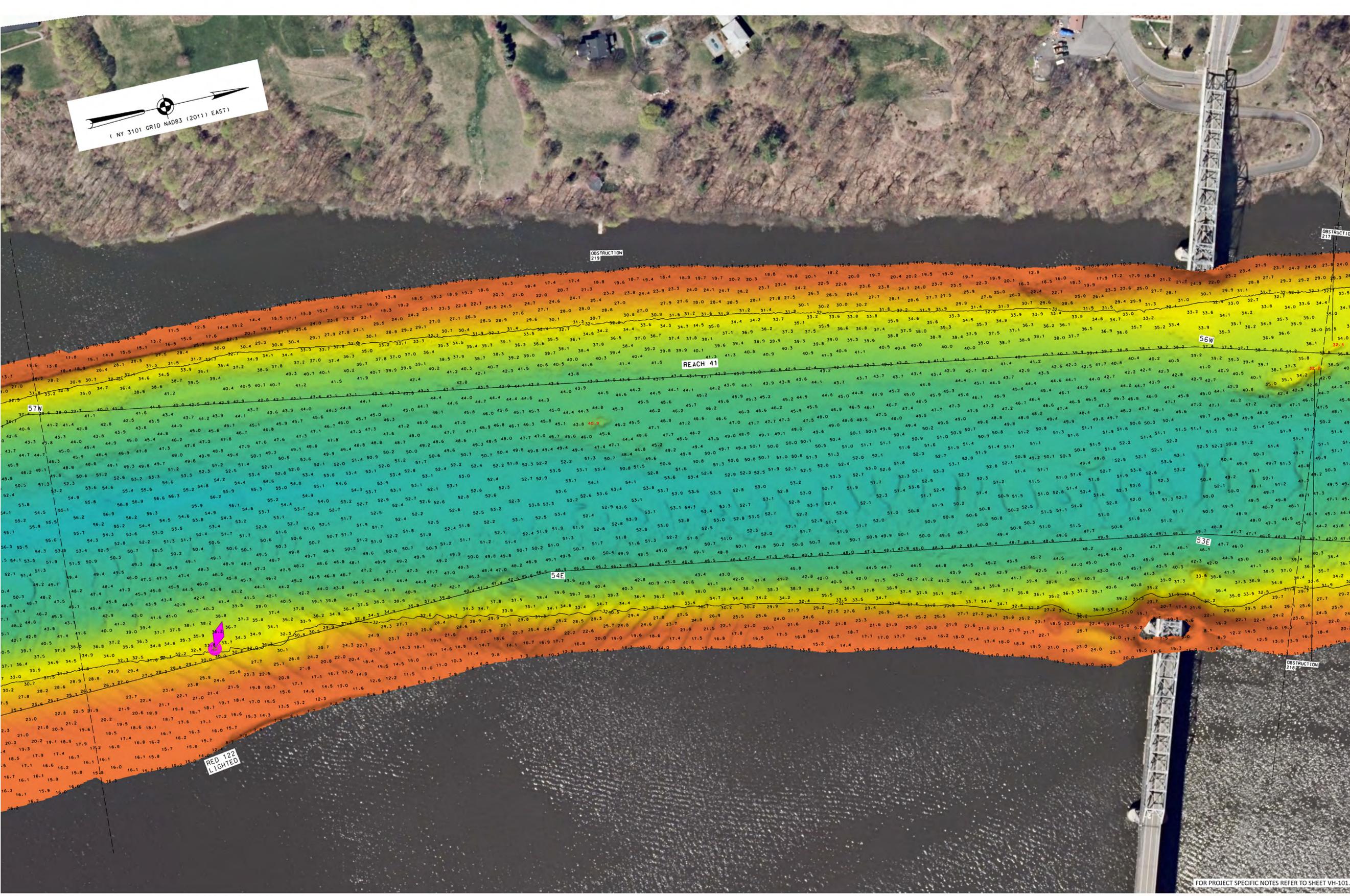
LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: 01-1 ELEVATION: 3.87' (NAVD88)

NSRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BBDR68) ELEVATION: 25.32' (NAVD88)









US ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT

PR	BJ
MP	MI

DATES OF SURVEY:  
07 AUGUST 2023  
TO  
29 AUGUST 2023

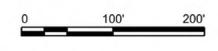
SCALE:  
ONE INCH = 100 FEET  
FIELD BOOKS:  
2184  
2175

APPROVED: M. HILDEN FIELD ENGINEER  
APPROVED: R. SMITH CIVIL ENGINEERING TECH  
APPROVED: P. BLAGUER CHIEF OF SURVEY SUPPORT SECTION  
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH  
DATE: 29 AUGUST 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

HUDSON RIVER  
KINGSTON TO WATERFORD  
NEW YORK  
HYDROGRAPHIC CONDITION SURVEY

VH-143  
43 OF 123



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WILMINGTON, NORTH CAROLINA 28401  
TELEPHONE: (910) 325-1048  
FAX: (910) 251-8282  
NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

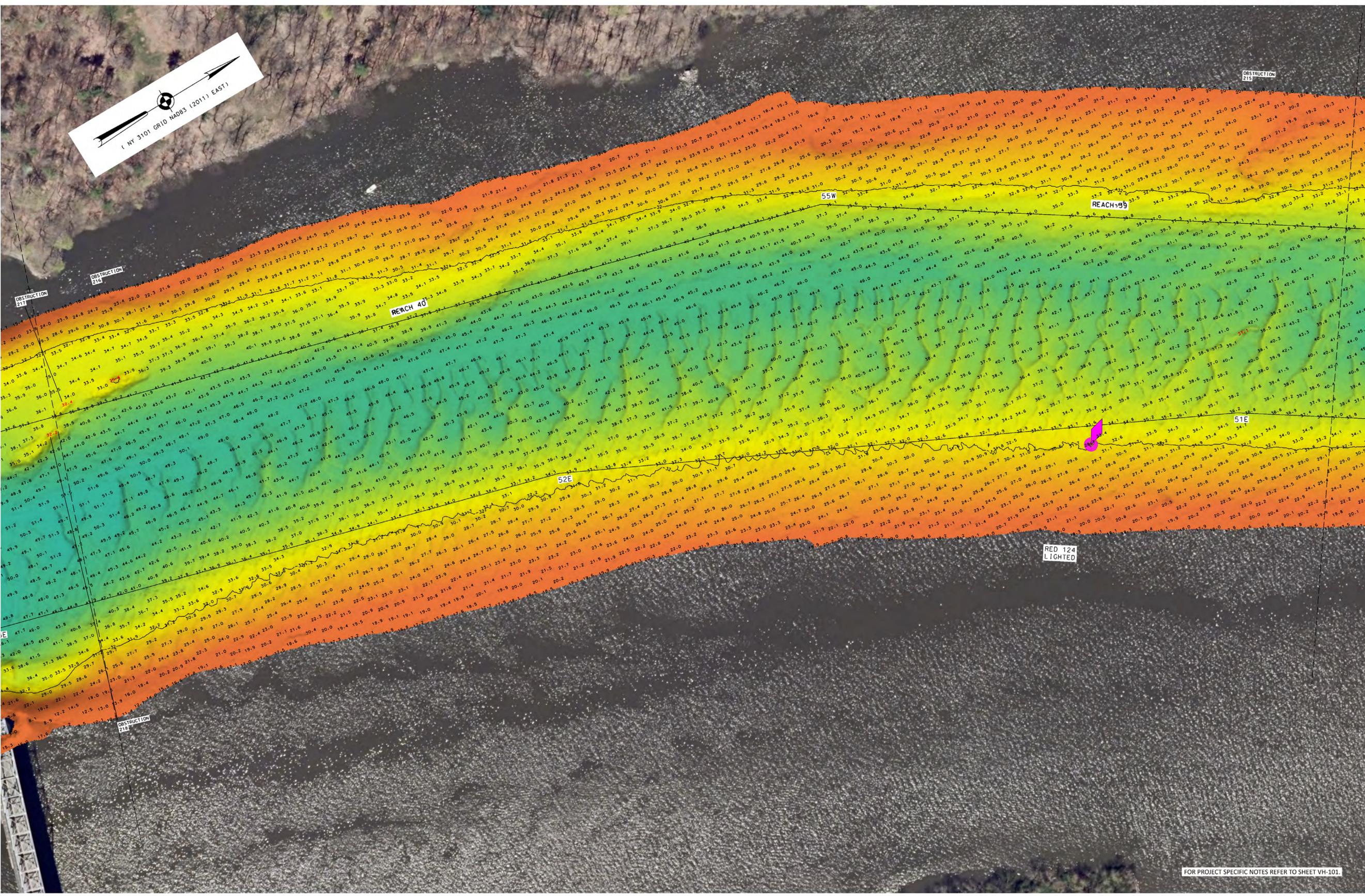
LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: 01-1 ELEVATION: 3.87' (NAVD88)

NSRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BBDR68) ELEVATION: 25.32' (NAVD88)

FOR PROJECT NOTES REFER TO SHEET VH-101.

MATCH TO SHEET 44

MATCH TO SHEET 42



PR	BJ	MI
MP		

DATES OF SURVEY:  
 TO 07 AUGUST 2023  
 TO 29 AUGUST 2023

SCALE: ONE INCH = 100 FEET  
 FIELD BOOKS: 2184, 2175

APPROVED: M. HILDEN FIELD ENGINEER  
 APPROVED: R. SMITH CIVIL ENGINEERING TECH  
 APPROVED: P. BLAGUER CHIEF OF SURVEY SUPPORT SECTION  
 APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH  
 DATE: 29 AUGUST 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

NEW YORK  
 KINGSTON TO WATERFORD  
 NEW YORK  
 HYDROGRAPHIC CONDITION SURVEY

VH-144  
 44 OF 123

MATCH TO SHEET 43

MATCH TO SHEET 45

FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.

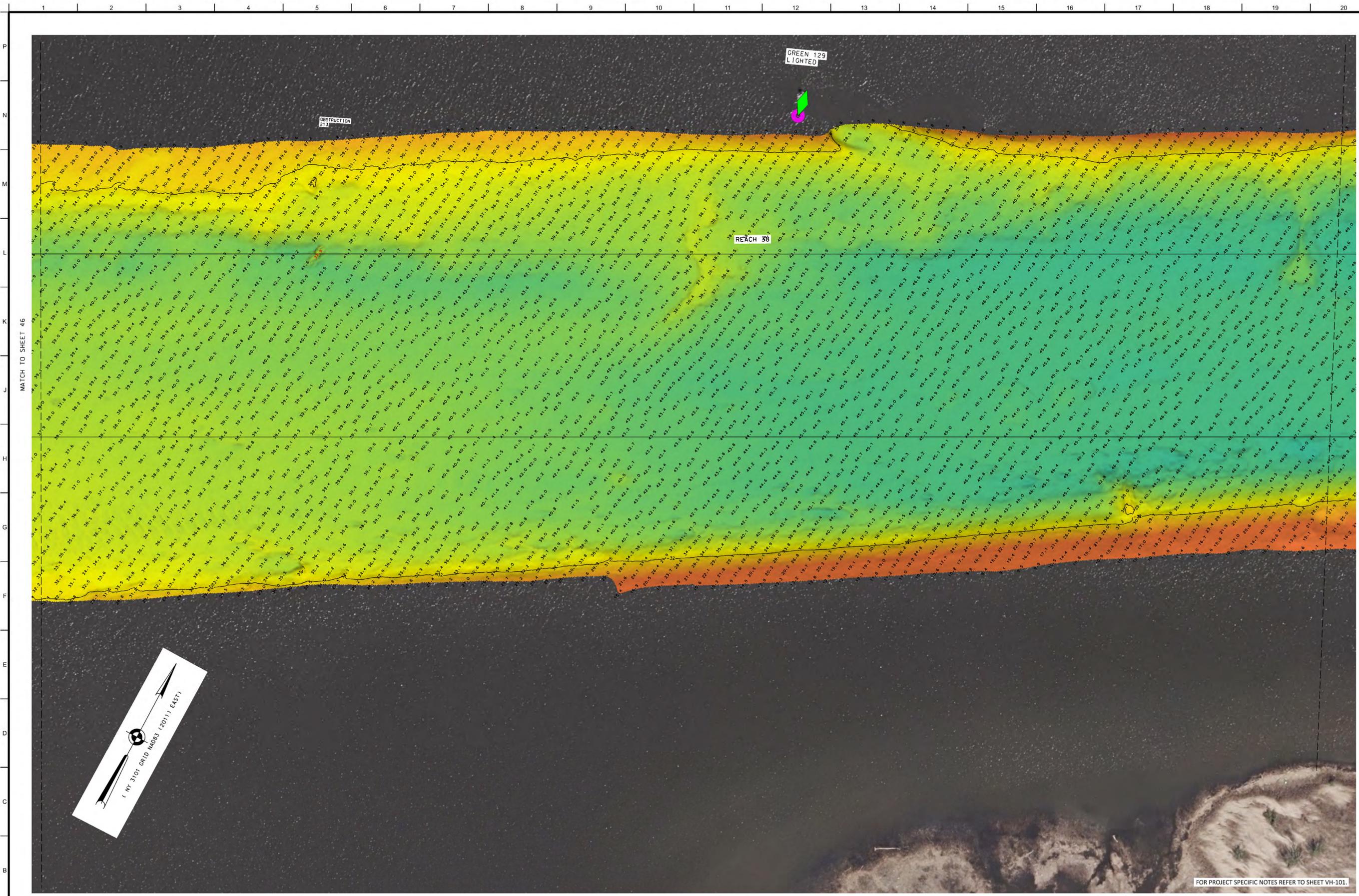
MCKIM&CREED  
 243 NORTH FRONT STREET  
 WILMINGTON, NORTH CAROLINA 28401  
 TELEPHONE: (910) 343-1048  
 FAX: (910) 351-6282  
 NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: O1-1 ELEVATION: 3.87' (NAVD88)

NSRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BBDR68) ELEVATION: 25.32' (NAVD88)







FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.



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 249 NORTH FRONT STREET  
 WILMINGTON, NORTH CAROLINA 28401  
 TELEPHONE: (910) 342-0488  
 FAX: (910) 251-8282  
 NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: O1-1 ELEVATION: 3.87' (NAVD88)

NRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BBDR68) ELEVATION: 25.32' (NAVD88)



PR	BJ
MP	WH

DATES OF SURVEY:	07 AUGUST 2023
TO	29 AUGUST 2023
FIELD BOOKS:	2184
	2175
REQ. NO./FILE NO.:	15303/CAWOOD

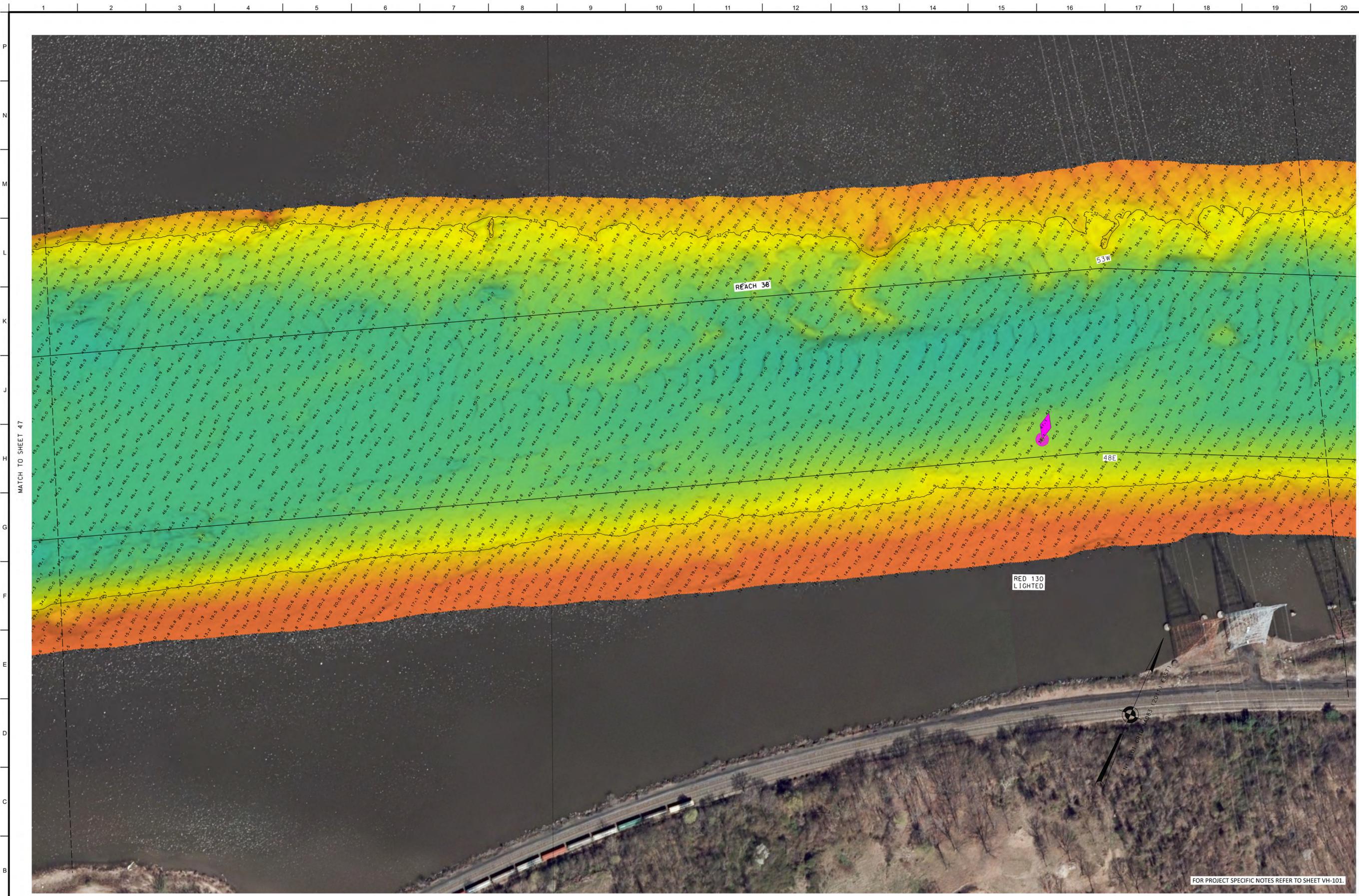
SCALE:	ONE INCH = 100 FEET
FIELD BOOKS:	2184
	2175

APPROVED:	M. HILDEN	FIELD ENGINEER
APPROVED:	R. SMITH	CIVIL ENGINEERING TECH
APPROVED:	P. BLOQUIE	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	J. MRAZ	DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE:	29 AUGUST 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

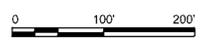
HUDSON RIVER  
 KINGSTON TO WATERFORD  
 NEW YORK  
 HYDROGRAPHIC CONDITION SURVEY

VH-147  
 47 OF 123



MATCH TO SHEET 47

MATCH TO SHEET 49



**MCKIM & CREED**  
 243 NORTH FRONT STREET  
 WILMINGTON, NORTH CAROLINA 28401  
 TELEPHONE: (910) 343-1048  
 FAX: (910) 251-8282  
 NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
BENCHMARK: HR-12 ELEVATION: 8.67' (NAVD88)	BENCHMARK: 01-1 ELEVATION: 3.87' (NAVD88)

NSRS BENCHMARK
BENCHMARK: TROY DAM 1 (PID:BBDR68) ELEVATION: 25.32' (NAVD88)



US ARMY CORPS OF ENGINEERS  
 NEW YORK DISTRICT

DATE: 07 AUGUST 2023	BY: B.J.
DATE: 29 AUGUST 2023	BY: M.H.

DATE: 07 AUGUST 2023	DATE: 29 AUGUST 2023
SCALE: ONE INCH = 100 FEET	FIELD BOOKS: 2184, 2175
REQ. NO./FILE NO.: 15303/CAWOOD	

APPROVED: M. HILDEN FIELD CARTOGRAPHER	APPROVED: R. SMITH CHIEF ENGINEERING TECH
APPROVED: P. BALDUS CHIEF OF SURVEY SUPPORT SECTION	APPROVED: J.L. WRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 29 AUGUST 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

HUDSON RIVER  
 KINGSTON TO WATERFORD  
 NEW YORK  
 HYDROGRAPHIC CONDITION SURVEY

FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.



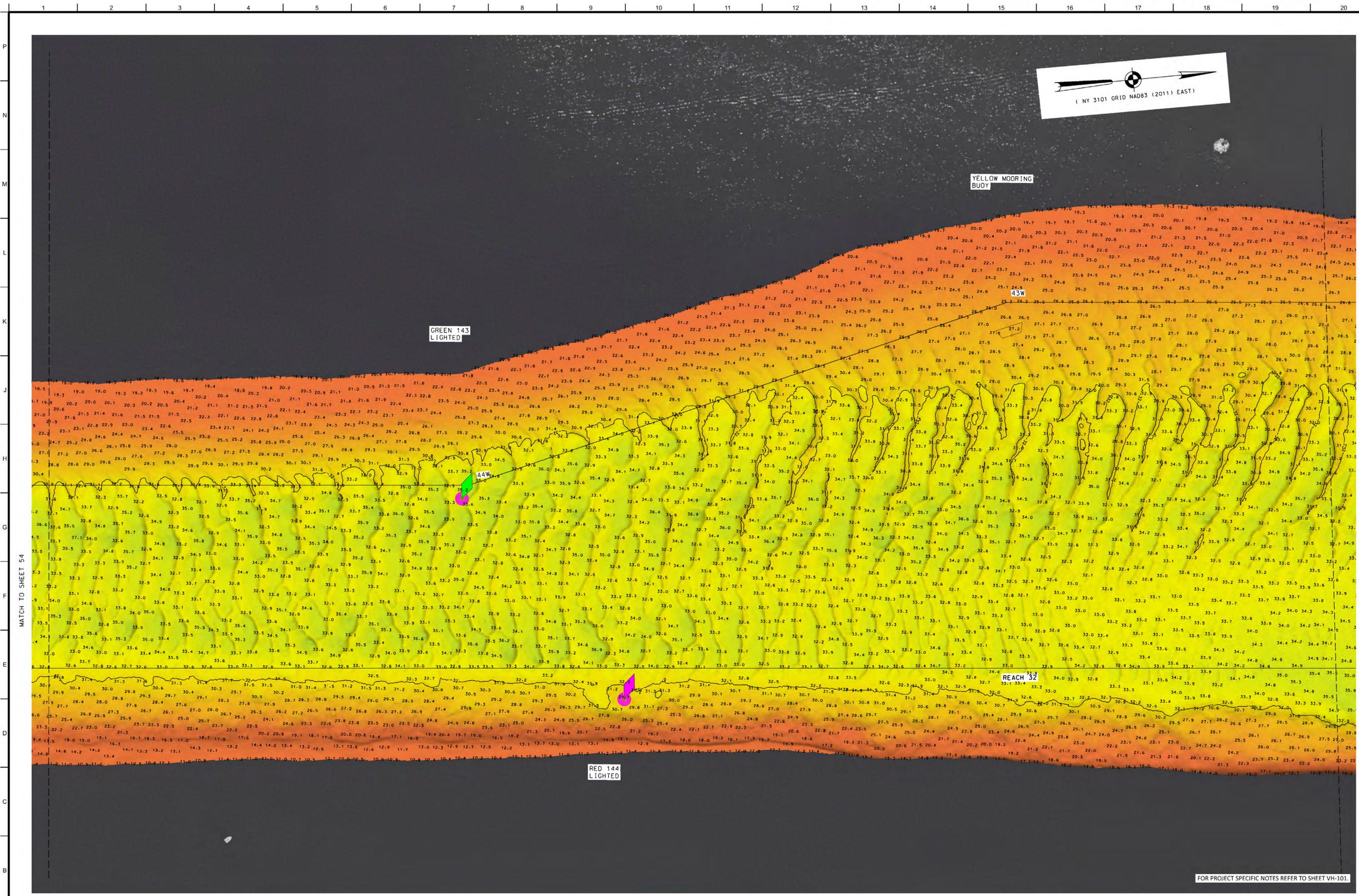












US ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT

PR	BJ
MP	MI

DATES OF SURVEY:  
TO 07 AUGUST 2023  
TO 29 AUGUST 2023

SCALE:  
ONE INCH = 100 FEET

FIELD BOOKS:  
2184  
2175

APPROVED: M. HOLDEN FIELD ENGINEER  
APPROVED: R. SMITH CIVIL ENGINEERING TECH  
APPROVED: P. BLAGUER CHIEF OF SURVEY SUPPORT SECTION  
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 29 AUGUST 2023

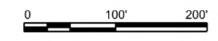
DEPARTMENT OF THE ARMY  
U.S. ARMY CORPS OF ENGINEERS  
NEW YORK DISTRICT  
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION  
SURVEYS AND MAPPING BRANCH  
CENAN-OP-SS

HUDSON RIVER  
KINGSTON TO WATERFORD  
NEW YORK

HYDROGRAPHIC CONDITION SURVEY

VH-155  
55 OF 123



**MCKIM & CREED**  
243 NORTH FRONT STREET  
WILMINGTON, NORTH CAROLINA 28401  
TELEPHONE: (910) 343-1048  
FAX: (910) 751-4280  
NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	
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NSRS BENCHMARK
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FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101.

MATCH TO SHEET 54

MATCH TO SHEET 56









