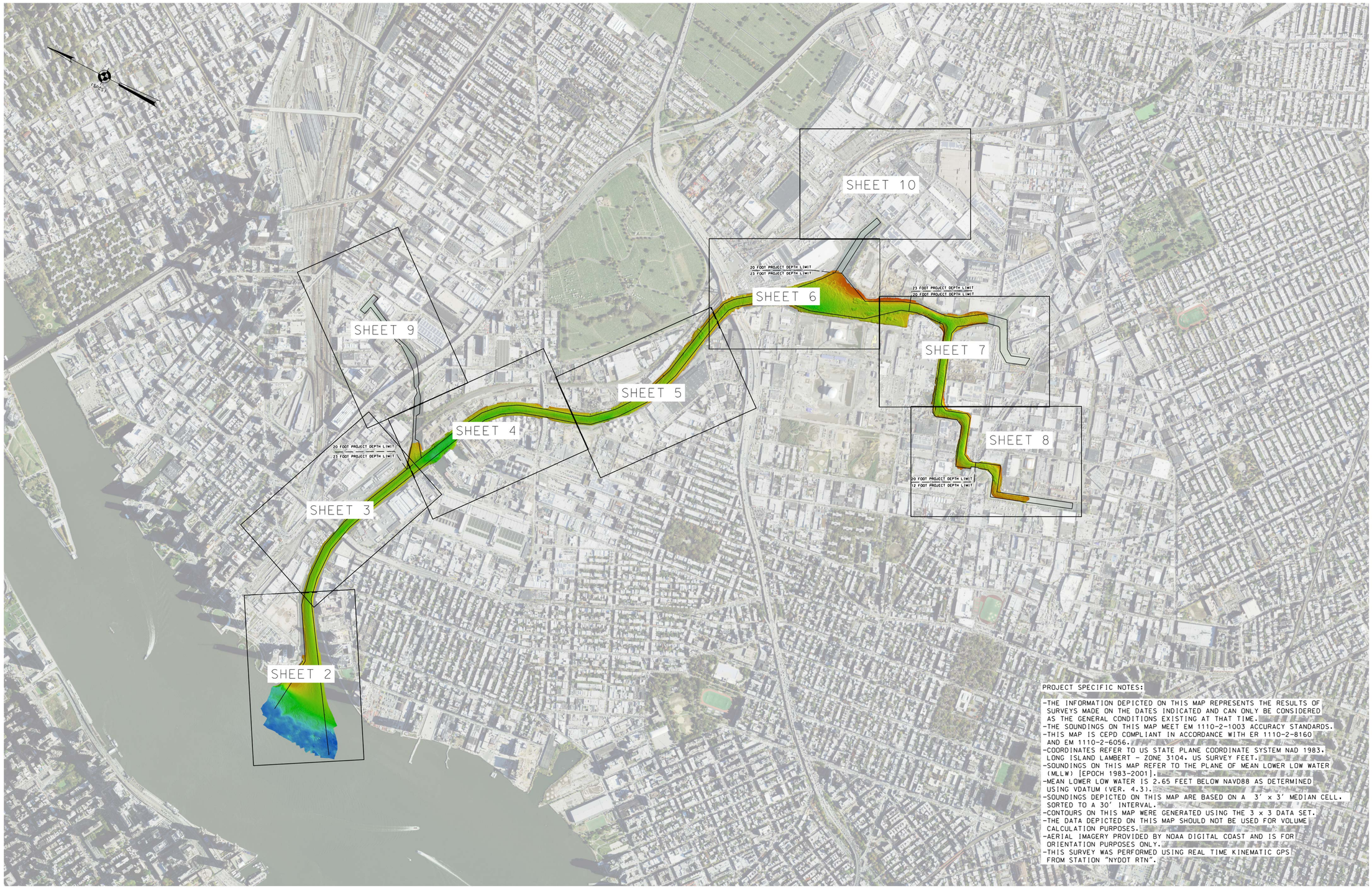


PROJECT SPECIFIC NOTES:

- 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 2.65 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.3).
- 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 NOAA DIGITAL COAST AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NYDOT RTN".

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: BM REVIEW	BENCHMARK: B 348 (PID:KU1054)
ELEVATION: 24.01' (NAVD 1988)	ELEVATION: 14.72' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS-RR-FA	
WP	JDS	

DATES OF SURVEY:
15, 16, 22, 23 MAY 2023

SCALE:
ONE INCH = 600 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.-15305/N3/N4

APPROVED: J. BERTOLOTTI
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: 31 MAY 2023

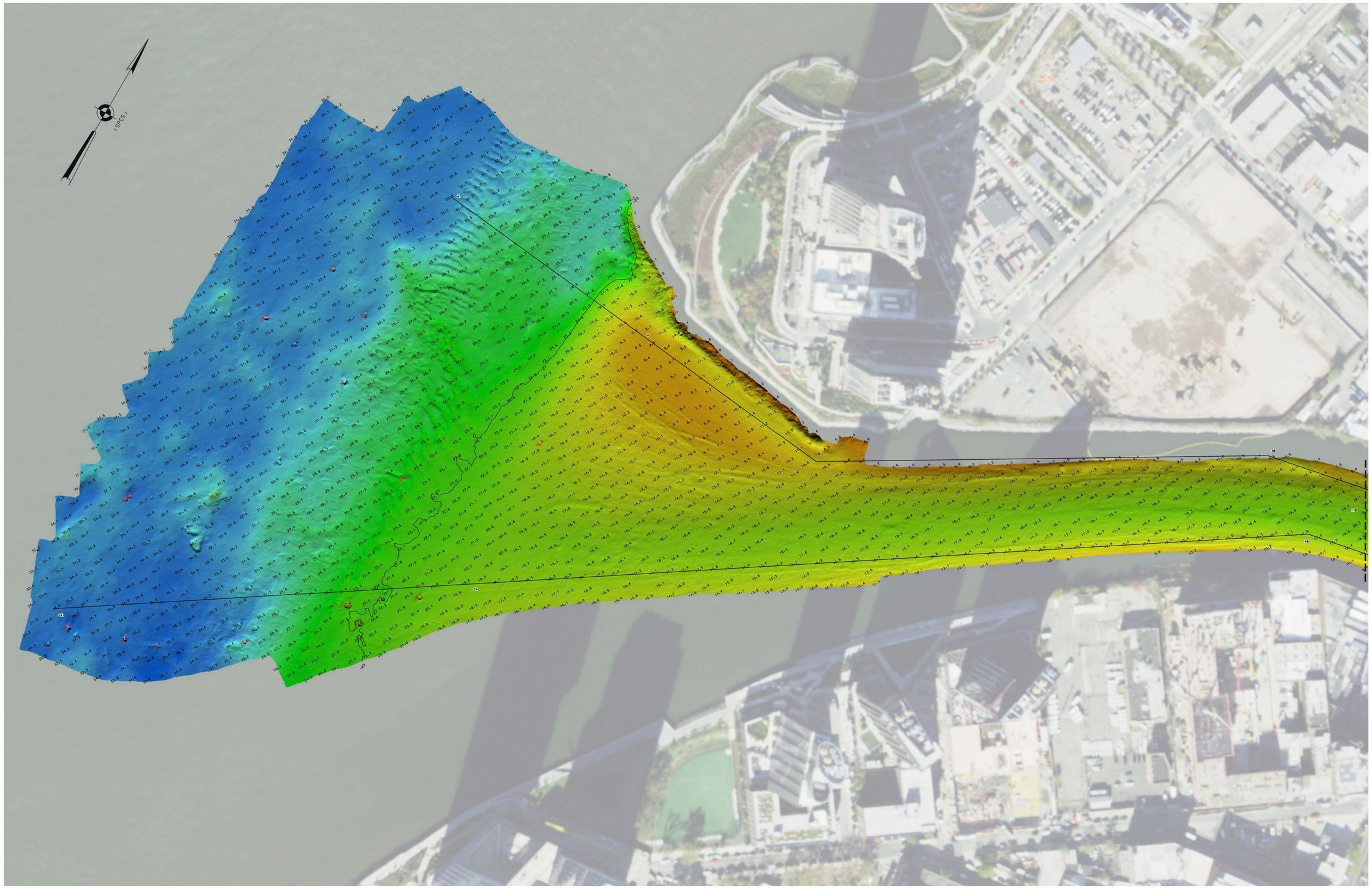
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-101

1 OF 10



0 100' 200'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: BM REVIEW	BENCHMARK: B 348 (PID:KU1054)
ELEVATION: 24.01' (NAVD 1988)	ELEVATION: 14.72' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS-RR-FA	
WP	JDS	

DATES OF SURVEY:
15, 16, 22, 23 MAY 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.-15305/N3/N4

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 31 MAY 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

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-102

2 OF 10

0 100' 200'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: BM REVIEW	BENCHMARK: B 348 (PID:KU1054)
ELEVATION: 24.01' (NAVD 1988)	ELEVATION: 14.72' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS-RR-FA	
WP	JDS	

DATES OF SURVEY:
15, 16, 22, 23 MAY 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.-15305/N3/N4

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

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

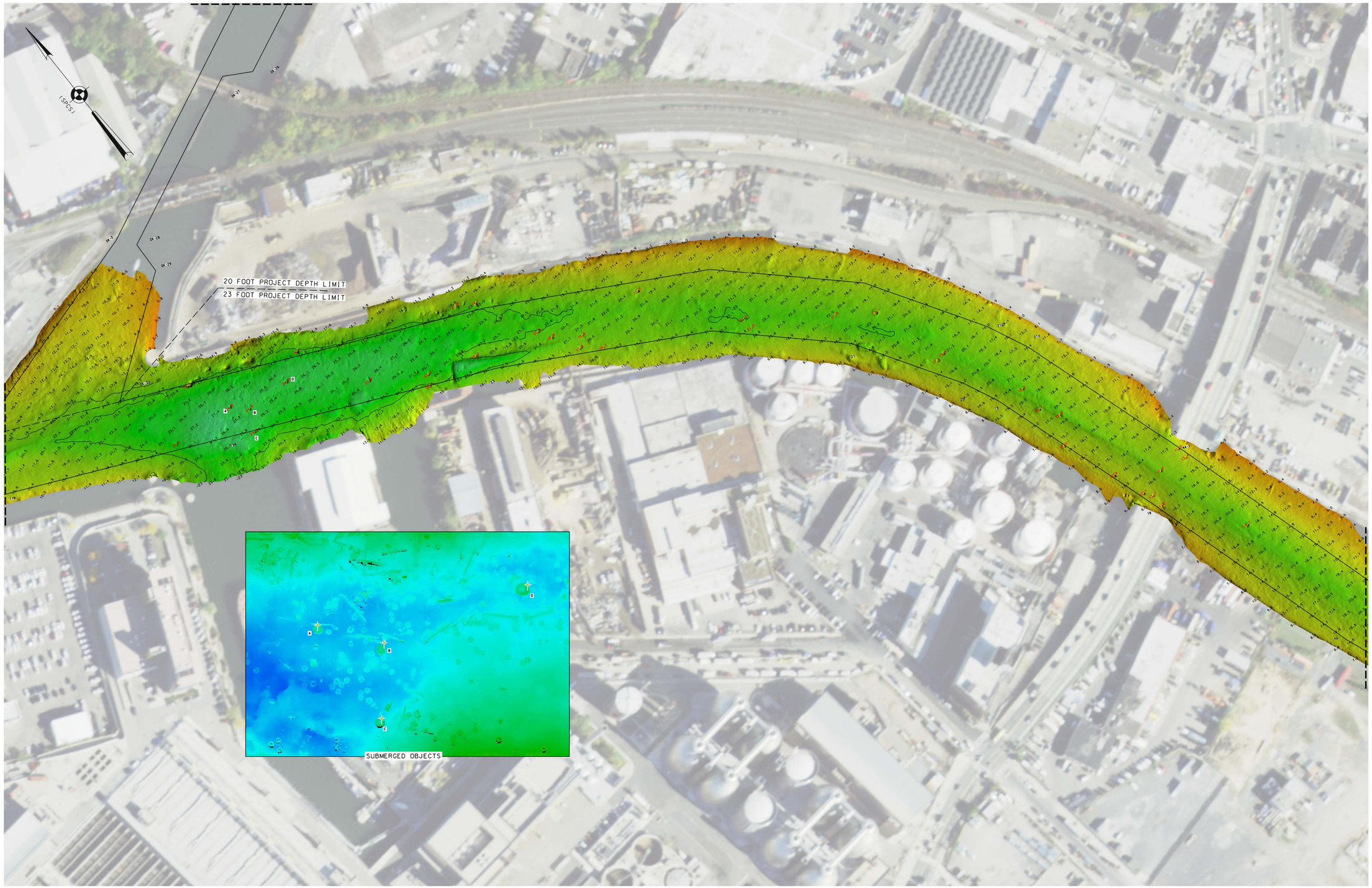
DATE: 31 MAY 2023

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

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-103



0 100' 200'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: BM REVIEW	BENCHMARK: B 348 (PID:KU1054)
ELEVATION: 24.01' (NAVD 1988)	ELEVATION: 14.72' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS-RR-FA	
MP	JDS	

DATES OF SURVEY:
15, 16, 22, 23 MAY 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.-15305/N3/N4

APPROVED: J. BERTOLOTTI
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: 31 MAY 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

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-104

0 100' 200'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: BM REVIEW	BENCHMARK: B 348 (PID:KU1054)
ELEVATION: 24.01' (NAVD 1988)	ELEVATION: 14.72' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS-RR-FA	
WP	JDS	

DATES OF SURVEY:
15, 16, 22, 23 MAY 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.-15305/N3/N4

APPROVED: J. BERTOLOTTI
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: 31 MAY 2023

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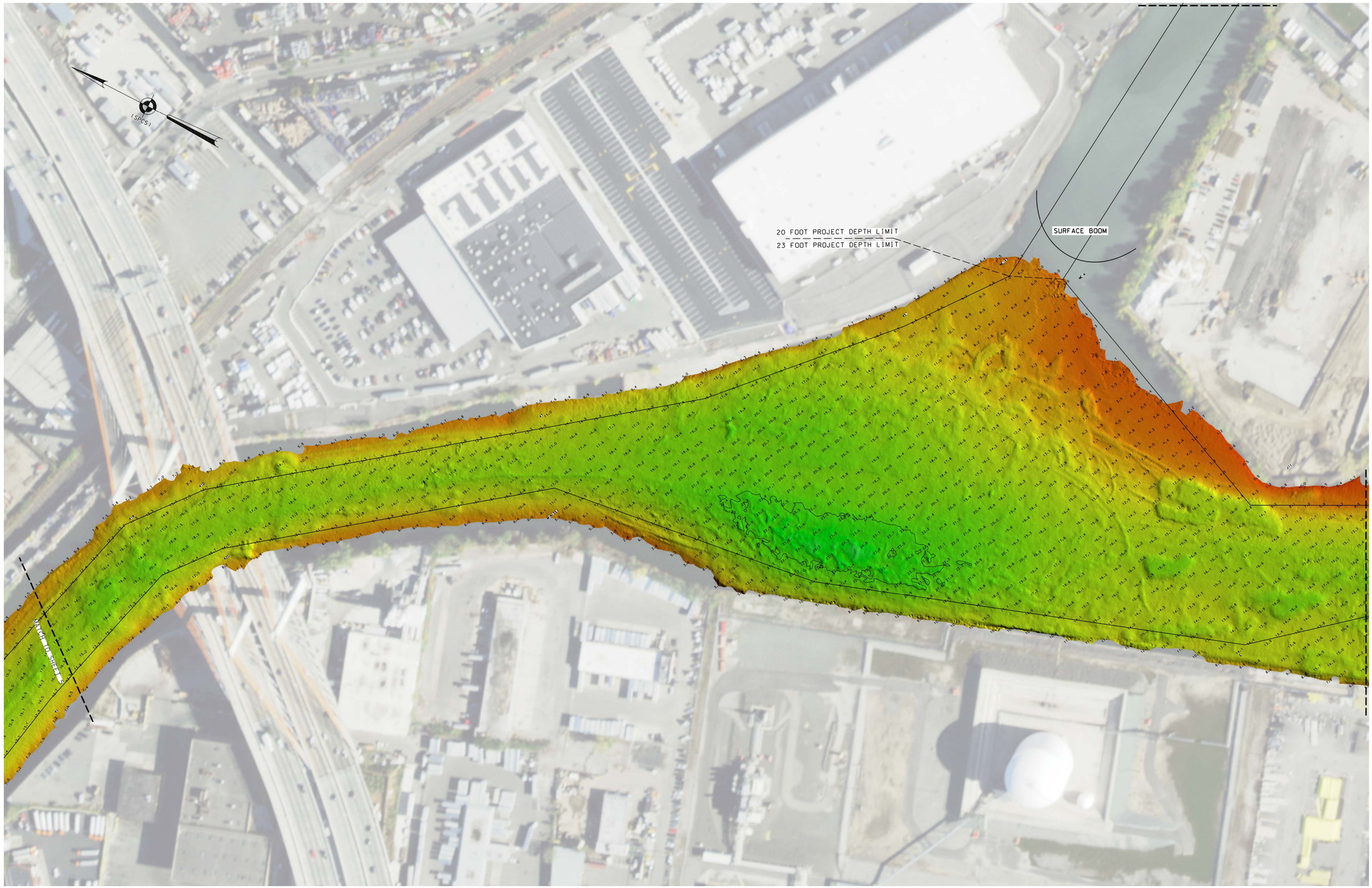
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-105



0 100' 200'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: BM REVIEW	BENCHMARK: B 348 (PID:KU1054)
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS-RR-FA	
WP	JDS	

DATES OF SURVEY:
15, 16, 22, 23 MAY 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.-15305/N3/N4

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

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CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

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NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-106

6 OF 10

0 100' 200'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: BM REVIEW	BENCHMARK: B 348 (PID:KU1054)
ELEVATION: 24.01' (NAVD 1988)	ELEVATION: 14.72' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS-RR-FA	
WP	JDS	

DATES OF SURVEY:
15, 16, 22, 23 MAY 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.-15305/N3/N4

APPROVED: J. BERTOLOTTI
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: 31 MAY 2023

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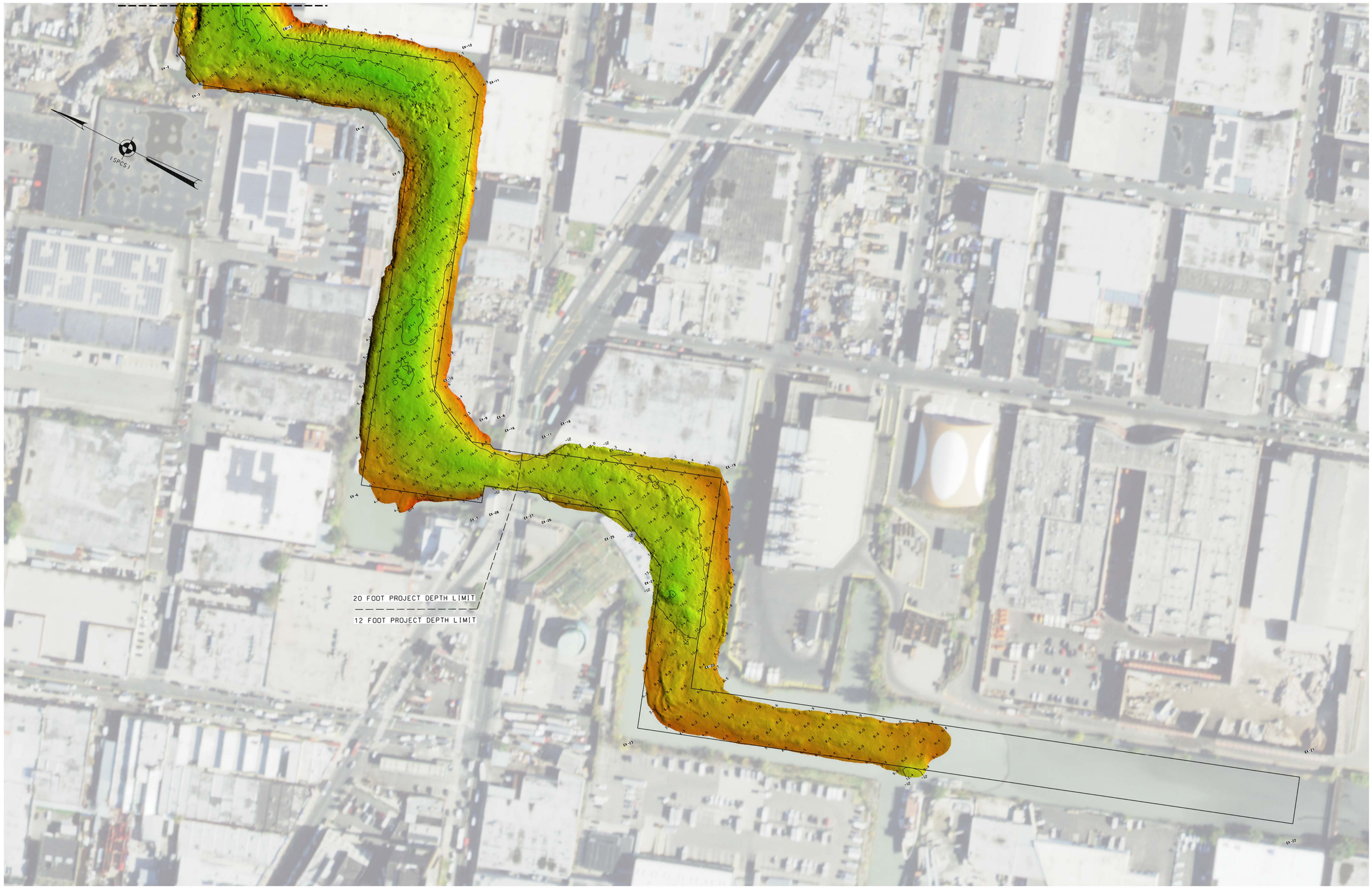
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-107



0 100' 200'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS-RR-FA	
WP	JDS	

DATES OF SURVEY:
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SCALE:
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FIELD BOOKS:
DNA10

REQ. NO./FILE NO.-15305/N3/N4

APPROVED: J. BERTOLOTTI
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APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 31 MAY 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

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-108

0 100' 200'

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: BM REVIEW	BENCHMARK: B 348 (PID:KU1054)
ELEVATION: 24.01' (NAVD 1988)	ELEVATION: 14.72' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS-RR-FA	
WP	JDS	

DATES OF SURVEY:
15, 16, 22, 23 MAY 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA10

REQ. NO./FILE NO.-15305/N3/N4

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

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

DATE: 31 MAY 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

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-109

FOR PROJECT SPECIFIC NOTES REFER TO VH-101

LOCAL CONTROL DATA	NSRS BENCHMARK
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ELEVATION: 24.01' (NAVD 1988)	ELEVATION: 14.72' (NAVD 1988)

US ARMY CORPS
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NEW YORK DISTRICT

PR	JDS-RR-FA
WP	JDS

DATES OF SURVEY:
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SCALE:
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FIELD BOOKS:
DNA10

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

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CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

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

NEWTOWN CREEK
NEW YORK
CONDITION SURVEY

VH-110