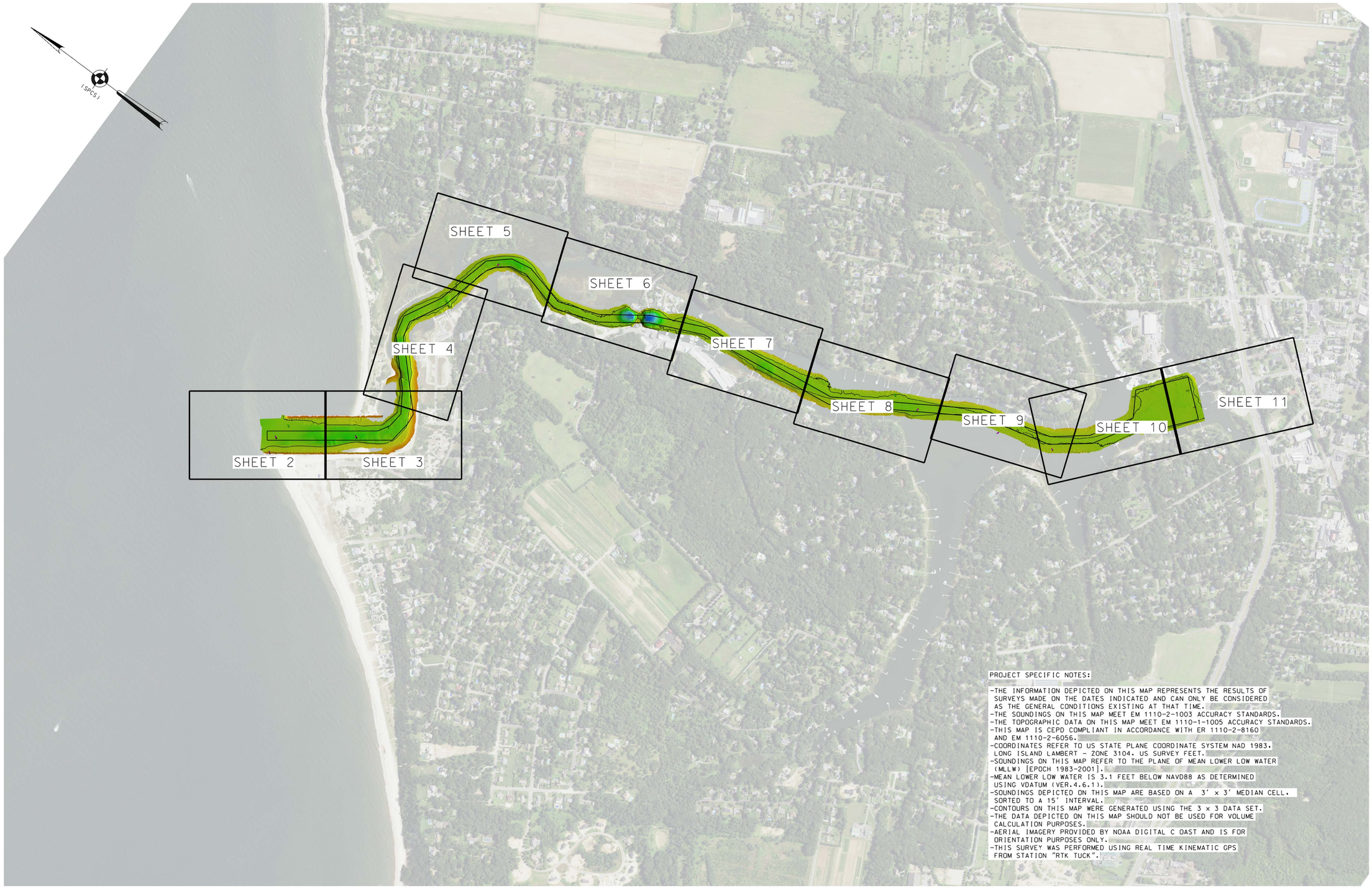


PROJECT SPECIFIC NOTES:

- 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 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 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 15' 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 C OAST AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "RTK TUCK".

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY: 08, 13, 14 NOV 23

REQ. NO./FILE NO.: 5359/A4

SCALE: ONE INCH = 500 FEET

FIELD BOOKS: DNA 10, TO53

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: 20 NOVEMBER 2023

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

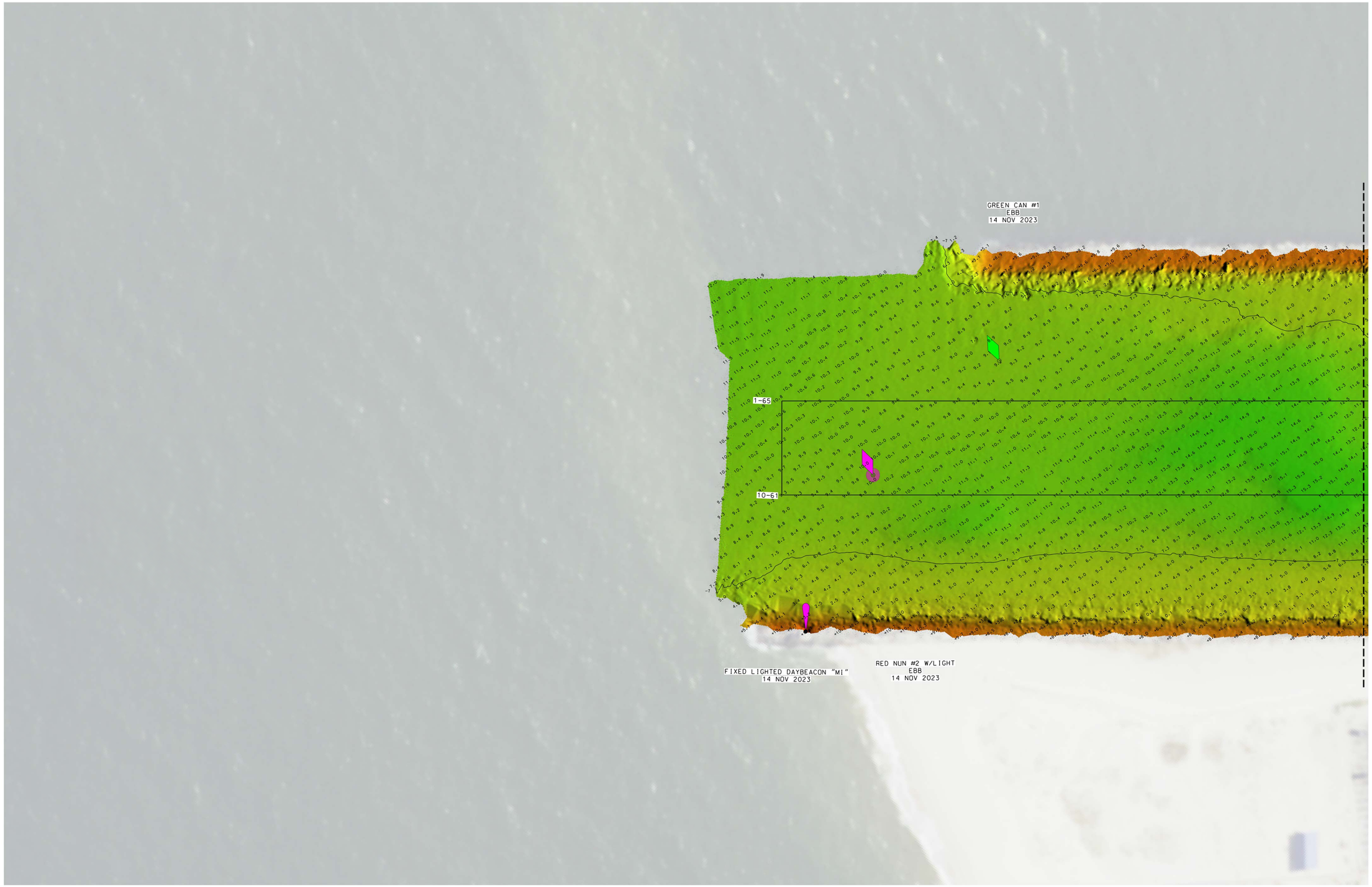
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-101

1 OF 11



MATCH TO SHEET 3

* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

REQ. NO./FILE NO.: 5359/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: 20 NOVEMBER 2023

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

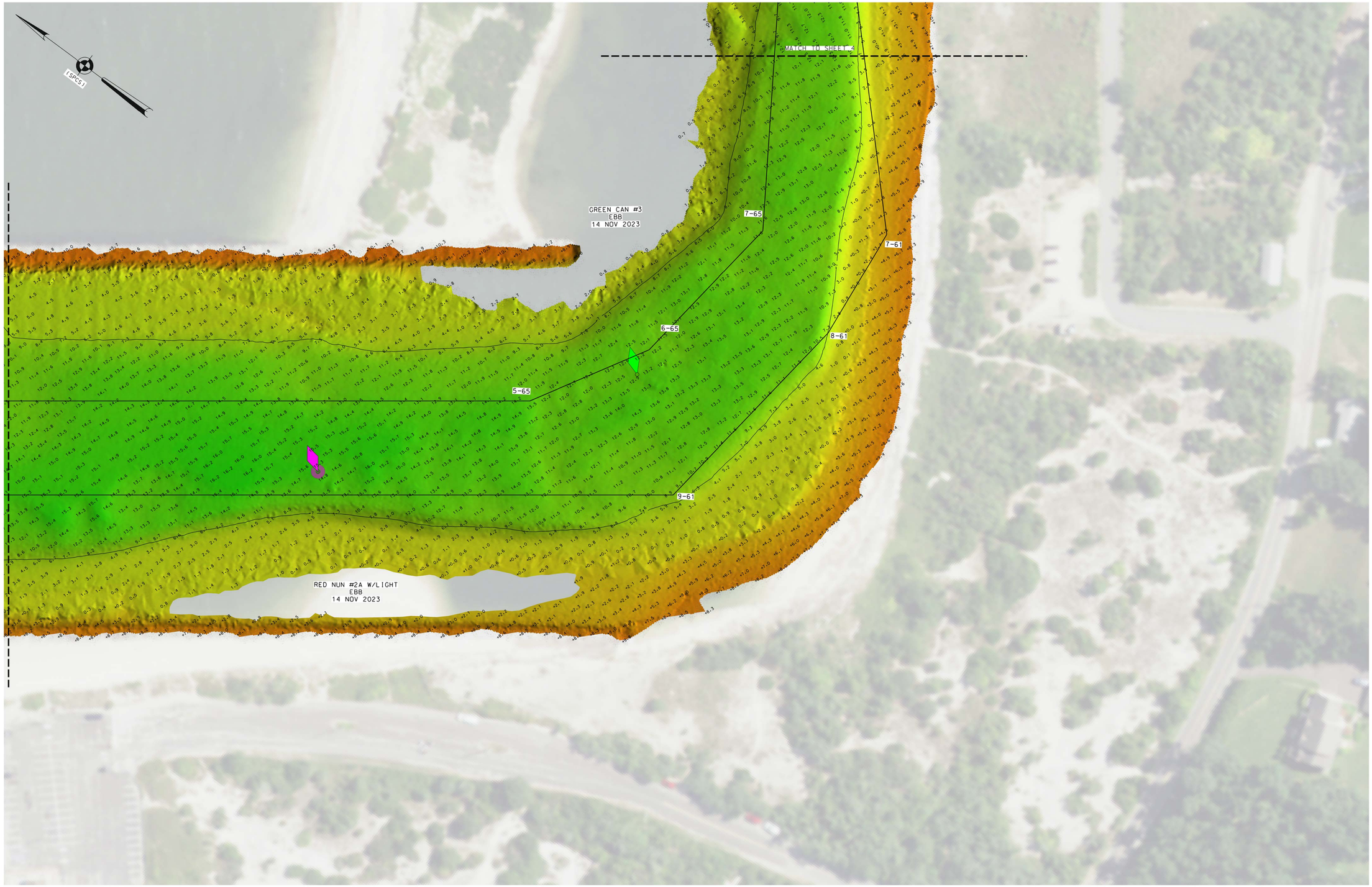
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-102

2 OF 11



* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

REQ. NO./FILE NO.: 5359/N4

APPROVED: J. BERTOLOTTI
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: 20NOV23

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

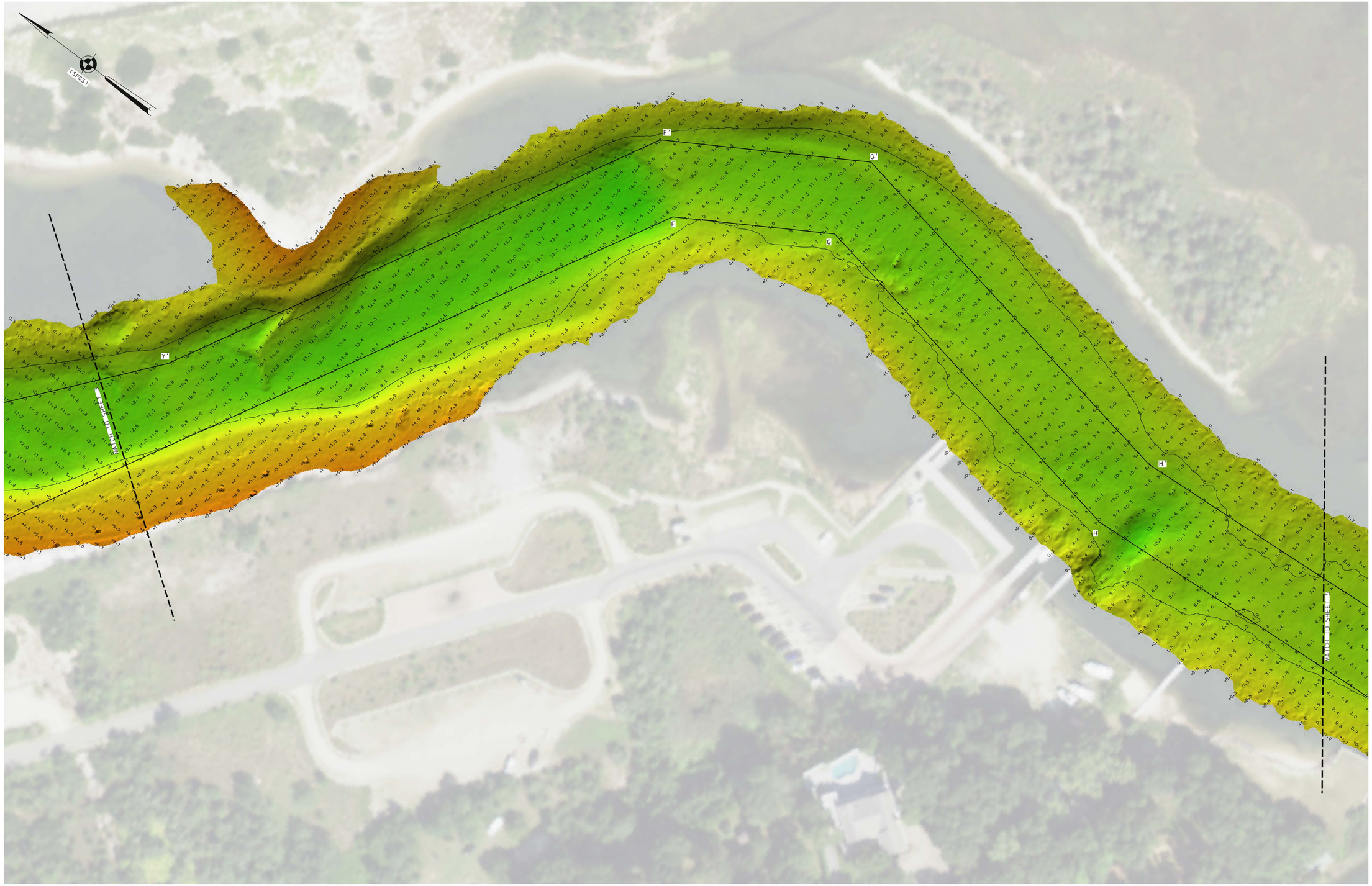
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-103

3 OF 11



* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

REQ. NO./FILE NO.: 5359/A4

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: MIRAZ
DEPUTY CHIEF, SURVEYS AND MAPPING BRANCH

DATE: 20 NOVEMBER 2023

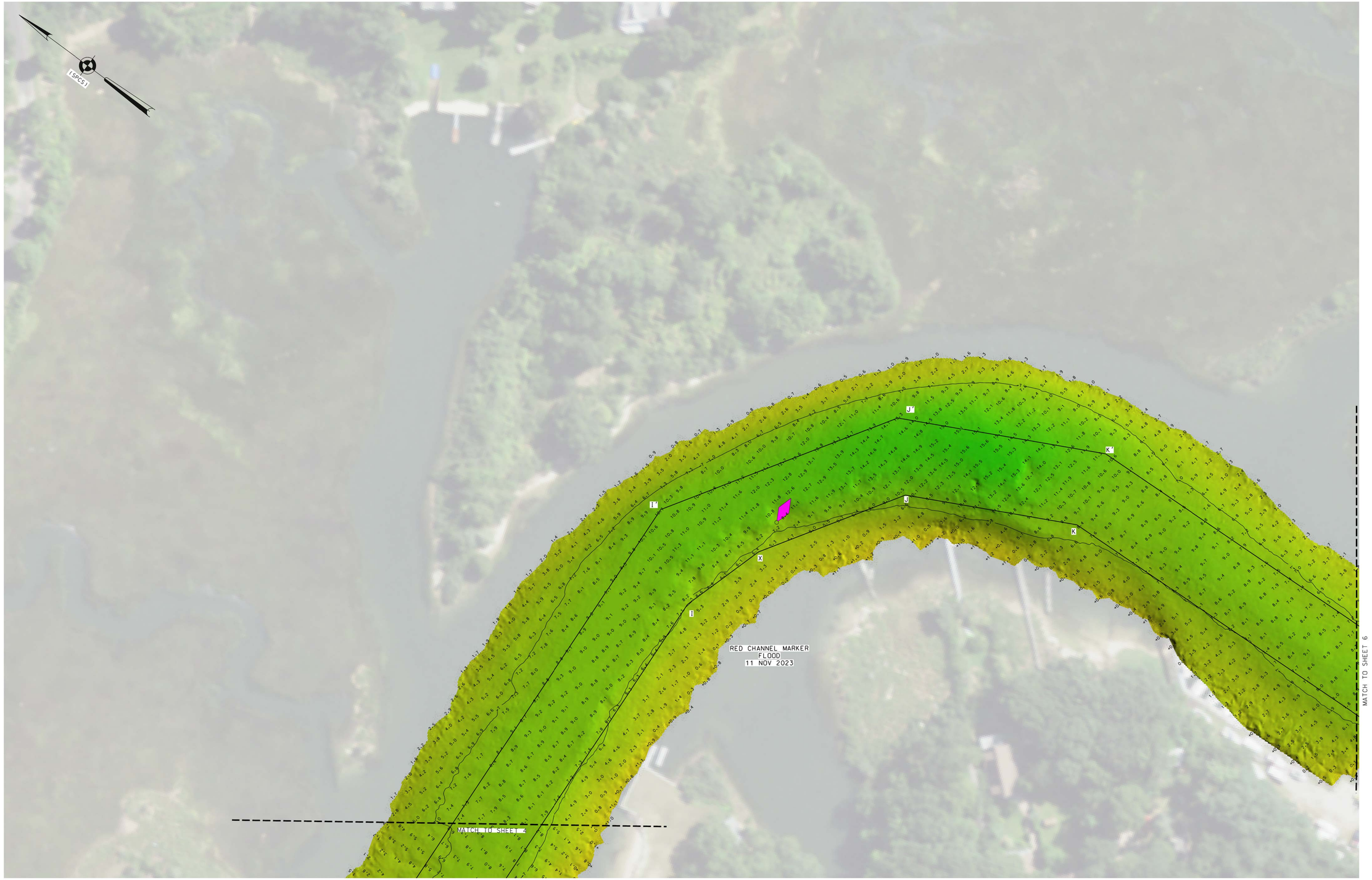
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-104



* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

REQ. NO./FILE NO.: 5359/N4

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

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

DATE: 20 NOVEMBER 2023

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

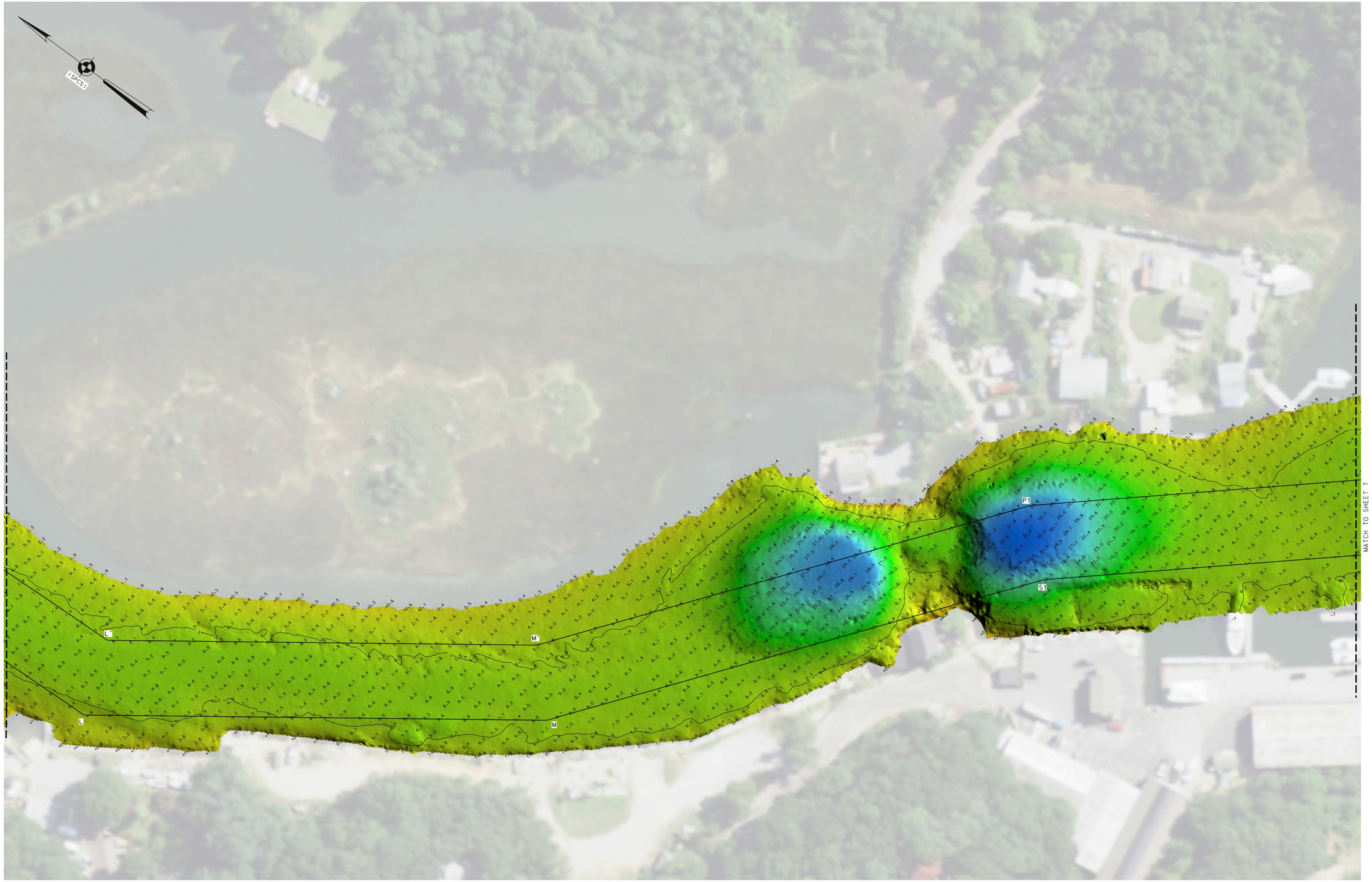
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-105

5 OF 11



* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

REQ. NO./FILE NO.: 5359/A4

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION

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

DATE: 20 NOVEMBER 2023

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

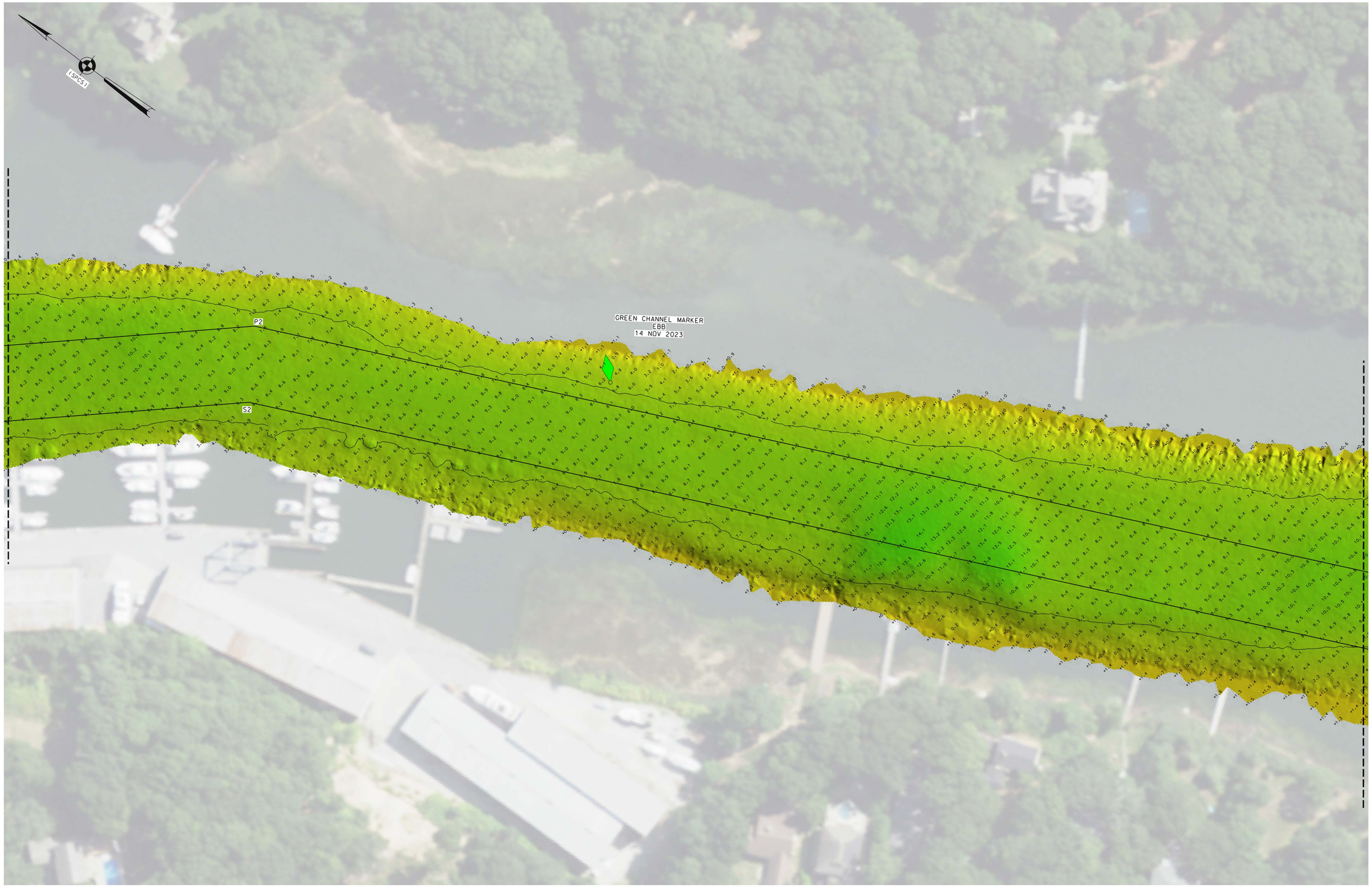
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-106

6 OF 11



* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

REQ. NO./FILE NO.:5359/N4

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
LEAD CARTOGRAPHER

APPROVED: J. MIRAZ
DEPUTY CHIEF OF SURVEY

DATE: 20 NOVEMBER 2023

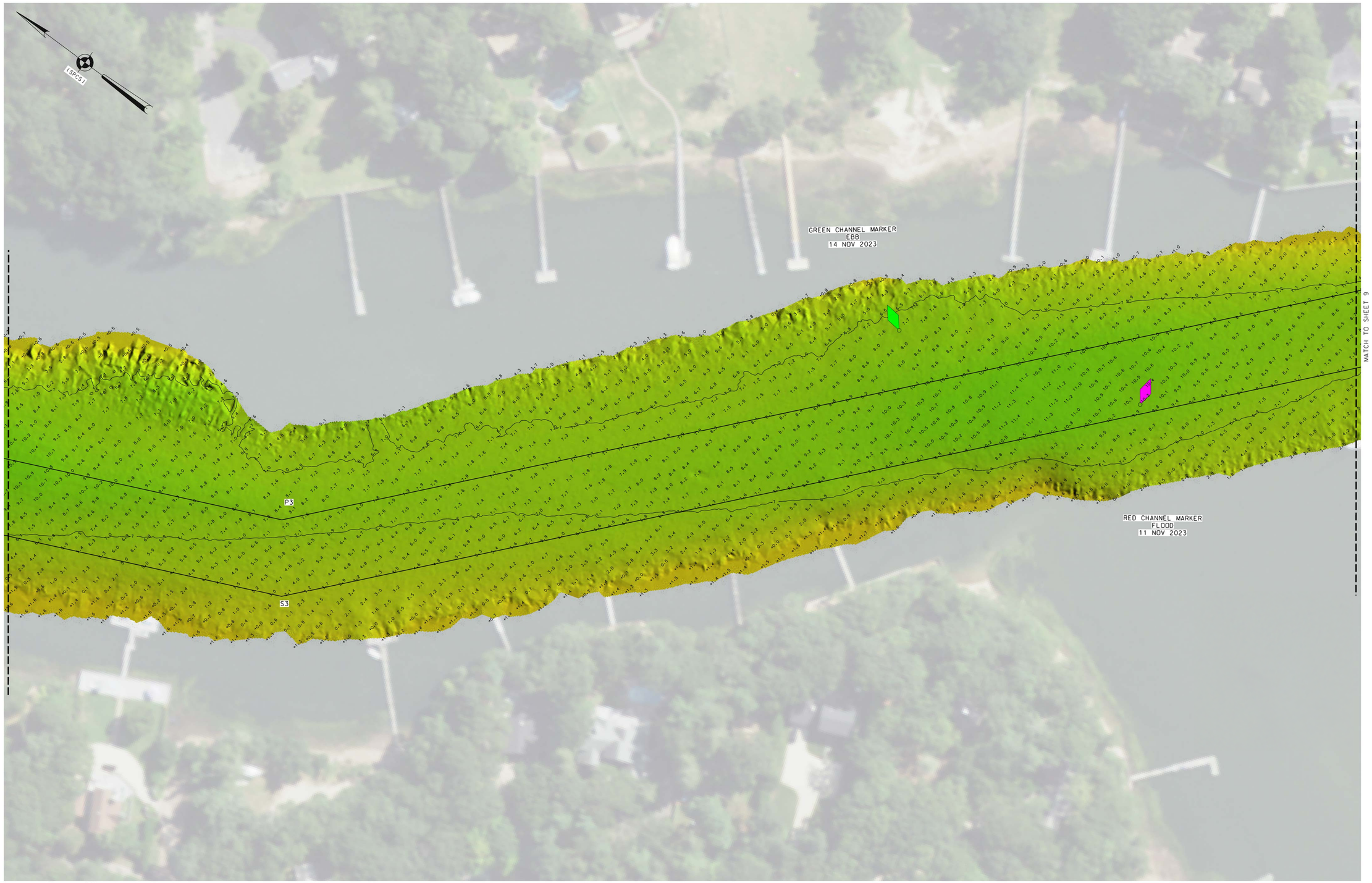
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-SS

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-107



* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

REQ. NO./FILE NO.: 5359/A4

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: 20 NOVEMBER 2023

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

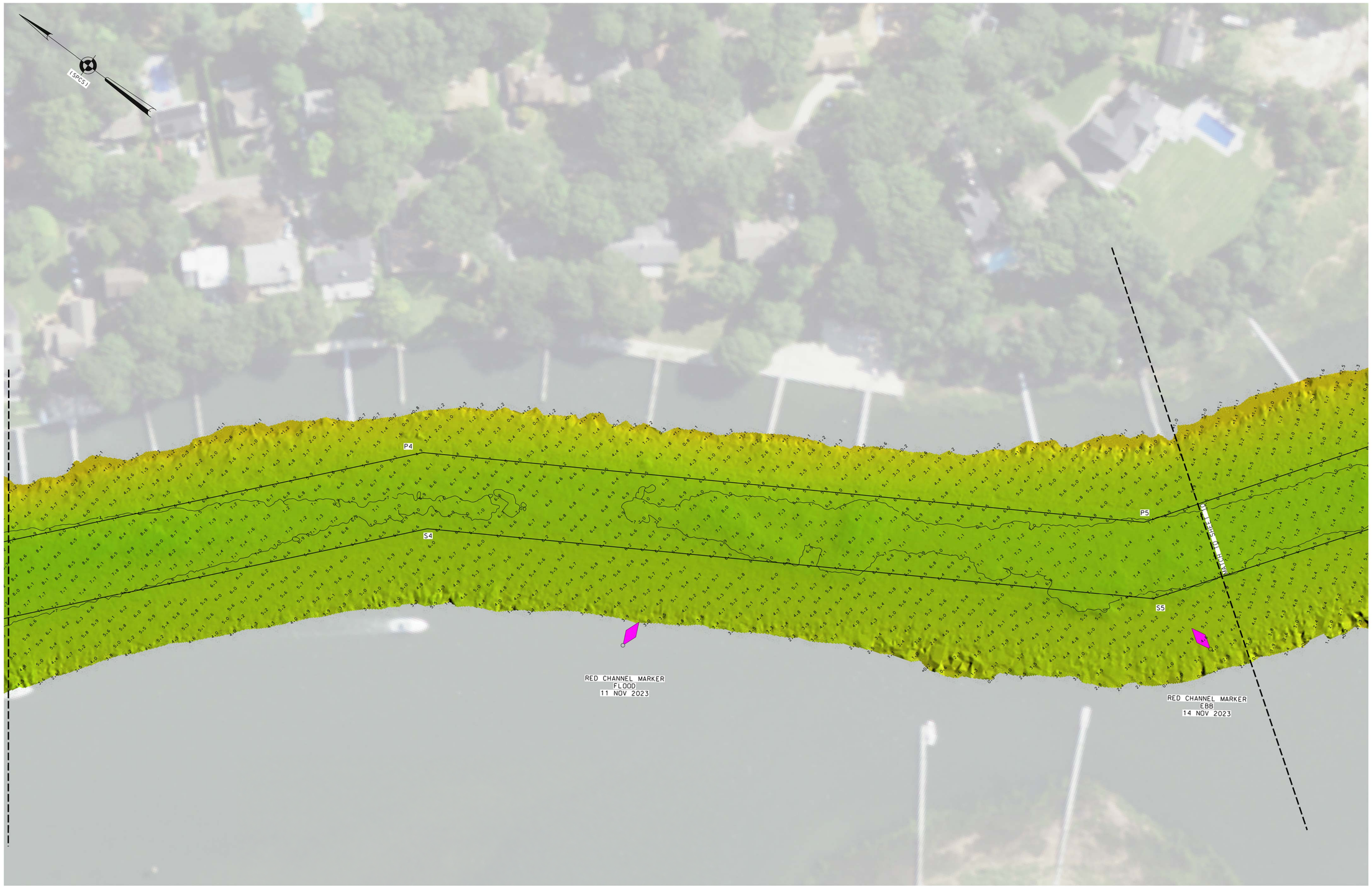
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-108

8 OF 11



* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

REQ. NO./FILE NO.: 5359/A4

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

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: 20 NOVEMBER 2023

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

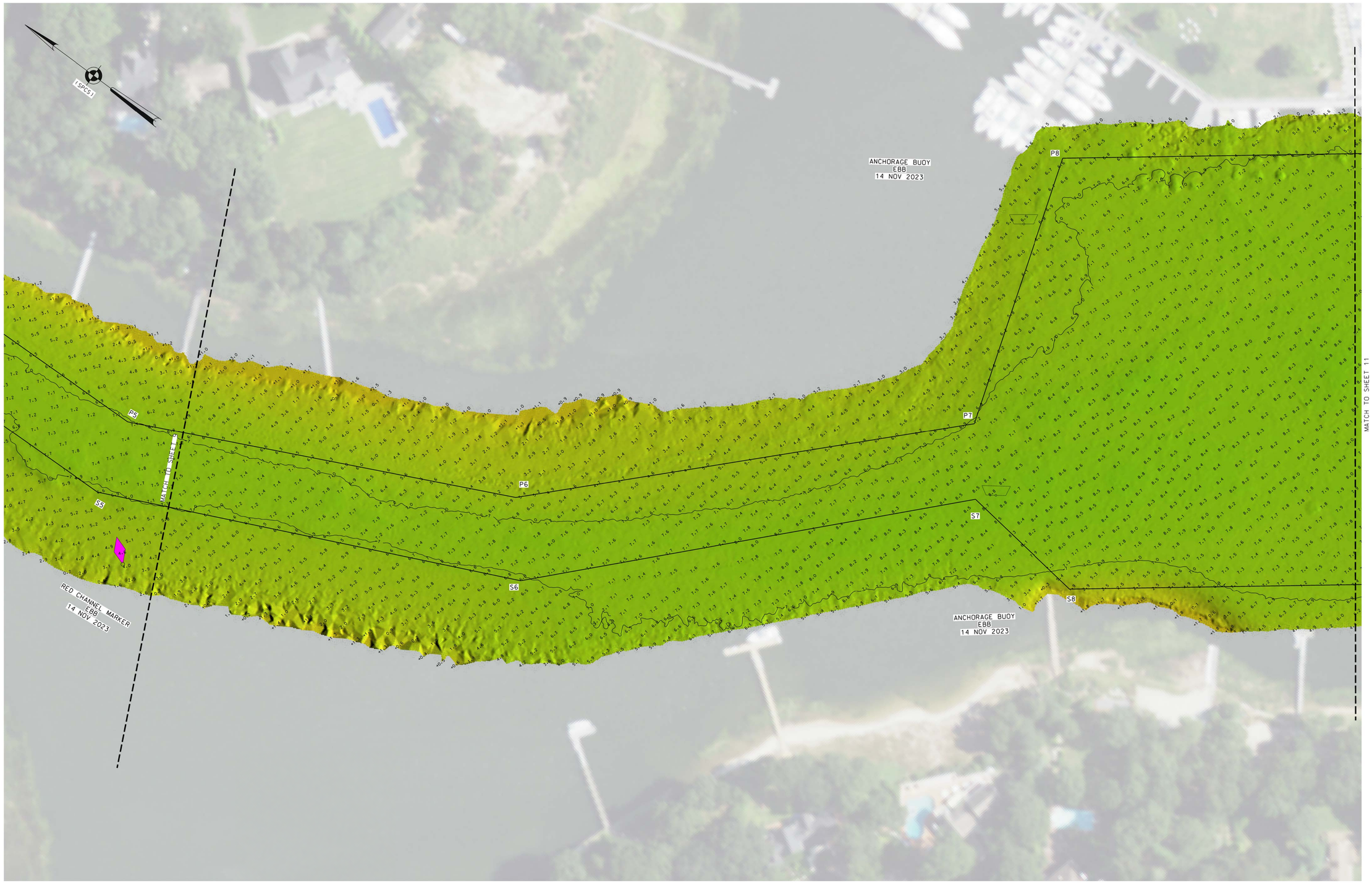
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-109

9 OF 11



* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

REQ. NO./FILE NO.: 5359/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: 20 NOVEMBER 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

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-110

10 OF 11

* FOR PROJECT SPECIFIC NOTES REFER TO SHEET VH-101

NSRS BENCHMARK	LOCAL CONTROL DATA
BENCHMARK: A374 (PID:LX0485)	BENCHMARK: 851 2688 B
ELEVATION: 58.21' (NAVD 1988)	ELEVATION: 4.87' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	JDS	
MP	JDS	

DATES OF SURVEY:
08, 13, 14 NOV 23

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
DNA 10
1053

REQ. NO./FILE NO.: 5359/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 SURVEYS AND MAPPING BRANCH

DATE: 20 NOVEMBER 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

MATTITUCK HARBOR
LONG ISLAND, NEW YORK

PLANS AND SPECS

VH-111

11 OF 11