PROJECT SPECIFIC NOTES:

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- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

0 400' 800'

GBA
ENGINEERS ★ SURVEYORS
GAHAGAN & BRYANT ASSOCIATES, INC
9005 YELLOW BRICK ROAD, SUITE D
BALTIMORE, MARYLAND 21237
TEL (410)682 5595 FAX (410)682 2137
GBA-INC.COM

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: TIDAL 2 STA I 46 (PID: KU1738	BENCHMARK: L 385 (PID: KU1737)
ELEVATION: 28.16' (NAVD 1988)	ELEVATION: 45.97' (NAVD 1988)

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR	XXX
MP	XXX

DATES OF SURVEY: 8-10 AUG 2023

RED. NO./FILE NO.: 5321

SCALE: ONE INCH = 400 FEET

FIELD BOOKS: MAMARONECK 2023

APPROVED: J. MOORE FIELD CARTOGRAPHER
APPROVED: R. SMITH CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BIADUR CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 29 AUG 2023

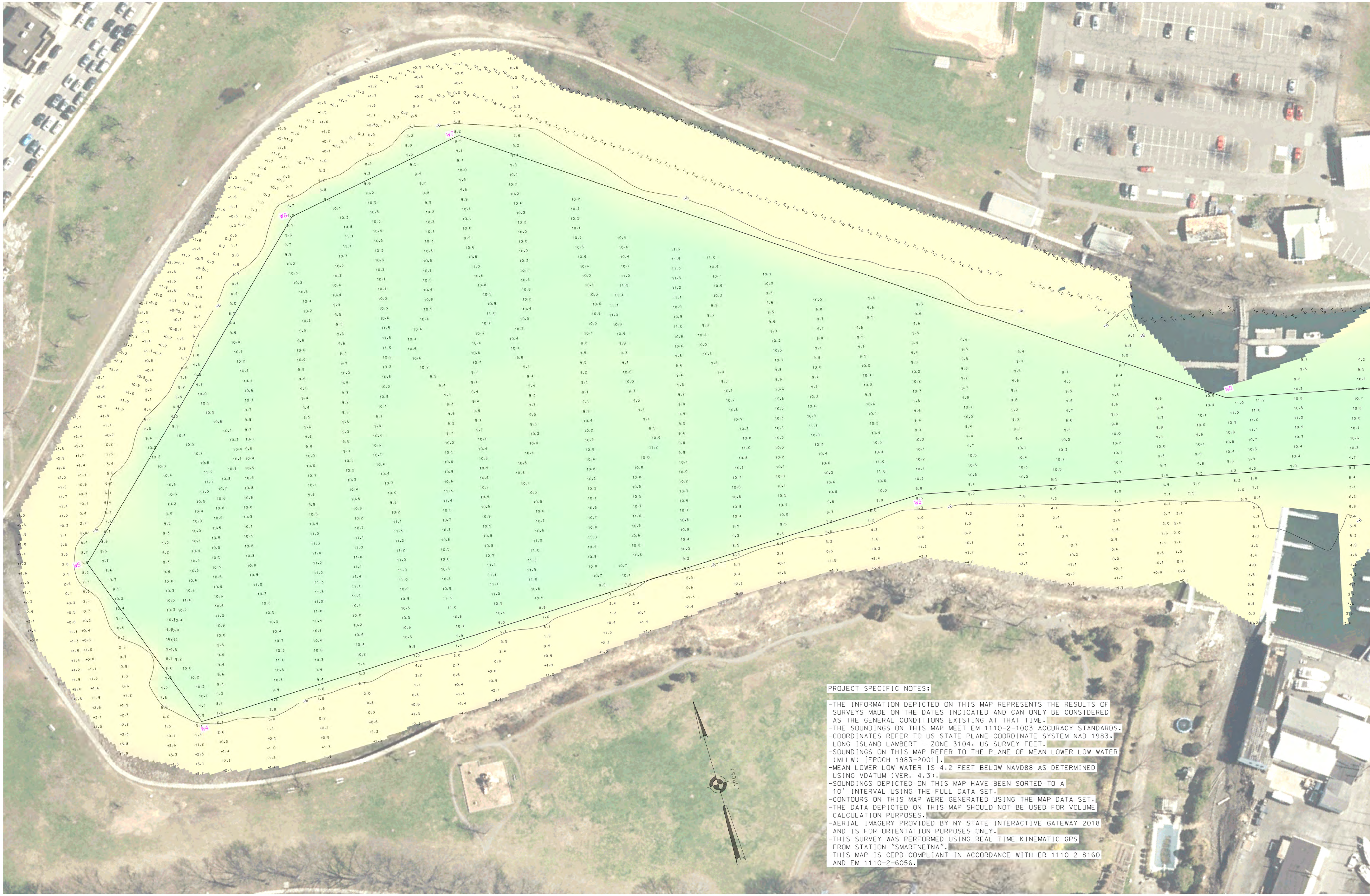
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MAMARONECK HARBOR
NEW YORK
CONDITION SURVEY

VH-101

1 OF 9



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MATCH TO SHEET 3

0 50' 100'

GBA
ENGINEERS ★ SURVEYORS
CAHAGAN & BRYANT ASSOCIATES, INC
9008 YELLOW BRICK ROAD, SUITE 0
BALTIMORE, MARYLAND 21237
TEL (410)682-5595 FAX (410)682 2137
GBA-INC.COM

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: TIDAL 2 STA I 46 (PID: KU1738 ELEVATION: 28.16' (NAVD 1988)	BENCHMARK: L 385 (PID: KU1737) ELEVATION: 45.97' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR
MP

DATES OF SURVEY: 8-10 AUG 2023

REQ. NO./FILE NO.:5321

SCALE: ONE INCH = 50 FEET

FIELD BOOKS: MAMARONECK 2023

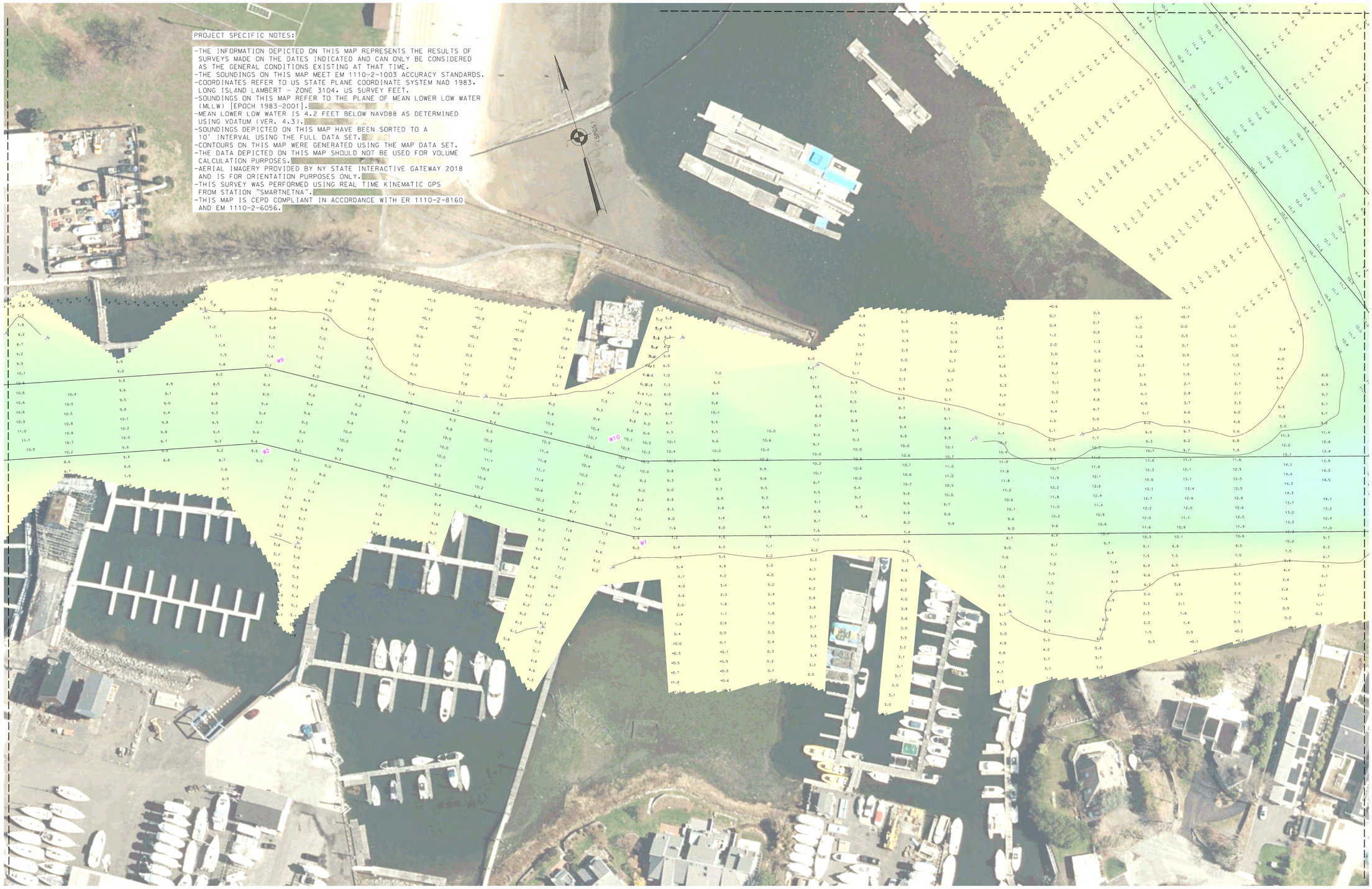
APPROVED: D. MOORE, FIELD CARTOGRAPHER
APPROVED: R. SMITH, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MRAZ, DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 29 AUG 2023

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

MAMARONECK HARBOR
NEW YORK
CONDITION SURVEY

VH-102



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0 50' 100'

GBA
ENGINEERS ★ SURVEYORS
GAHAGAN & BRYANT ASSOCIATES, INC
9008 YELLOW BRICK ROAD, SUITE D
BALTIMORE, MARYLAND 21237
TEL (410)682 5595 FAX (410)682 2137
GBA-INC.COM

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: TIDAL 2 STA I 46 (PID: KU1738	BENCHMARK: L 385 (PID: KU1737)
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	XXX
MP	XXX

DATES OF SURVEY: 8-10 AUG 2023

REQ. NO./FILE NO.:15321

SCALE: ONE INCH = 50 FEET

FIELD BOOKS: MAMARONECK 2023

APPROVED: D. MOORE — FIELD CARTOGRAPHER
APPROVED: R. SMITH — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: XX XXXX XXXX

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

MAMARONECK HARBOR
NEW YORK
CONDITION SURVEY

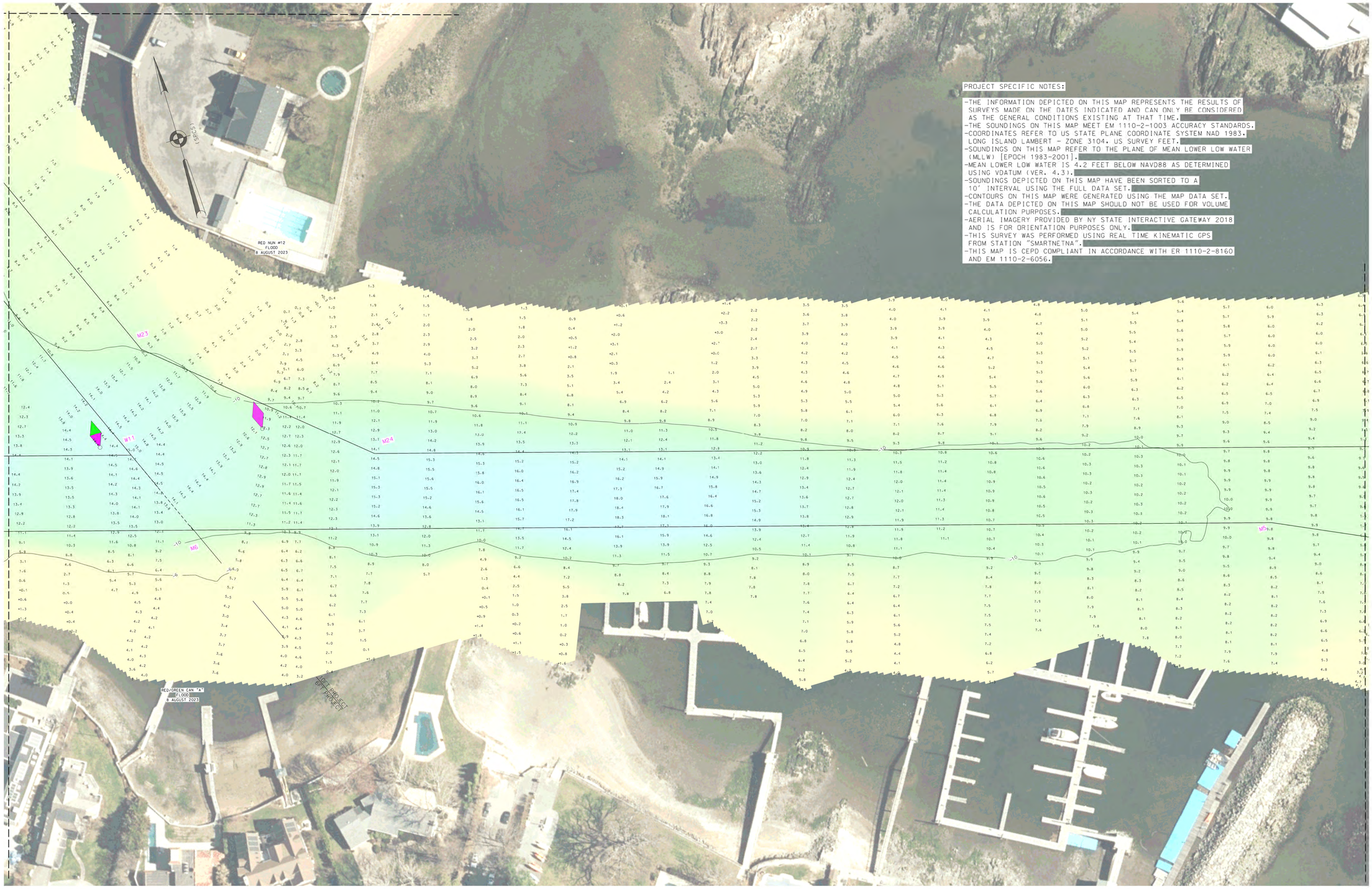
VH-103

3 OF 9

MATCH TO SHEET 8

MATCH TO SHEET 3

MATCH TO SHEET 5



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0 50' 100'

GBA ENGINEERS ★ SURVEYORS
CAHAGAN & BRYAN ASSOCIATES, INC.
8008 YELLOW BRICK ROAD, SUITE D
BALTIMORE, MARYLAND 21237
PH. (410)682-5515 FAX (410)682-2137
GBA-INC.COM

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: TIDAL 2 STA I 46 (PID: KU1738	BENCHMARK: L 385 (PID: KU1737)
ELEVATION: 28.16' (NAVD 1988)	ELEVATION: 45.97' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		XXX	XXX
		PR	WP

DATES OF SURVEY:
8-10 AUG 2023

REQ. NO./FILE NO.:5321

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
MAMARONECK 2023

APPROVED:	D. MOORE	FIELD CARTOGRAPHER
APPROVED:	R.SMITH	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MIKE	CHIEF OF SURVEYS AND MAPPING BRANCH
DATE:	29 AUG 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

MAMARONECK HARBOR
NEW YORK
CONDITION SURVEY

VH-104

4 OF 9

RED NUN #10 W/LIGHT
FLOOD
8 AUGUST 2023

GREEN CAN #7
FLOOD
10 AUGUST 2023

MATCH TO SHEET 4

MATCH TO SHEET 6

PROJECT SPECIFIC NOTES:

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(SPCS)

0 50' 100'

GBA
ENGINEERS ★ SURVEYORS
GA-AGAN & BRYANT ASSOCIATES, INC.
5008 YOLLOW BANCH ROAD, SUITE D
BALTIMORE, MARYLAND 21237
TEL (410)682 3535 FAX (410)682 2137
GBA-INC.COM

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: TIDAL 2 STA I 46 (PID: KU1738	BENCHMARK: L 385 (PID: KU1737)
ELEVATION: 28.16' (NAVD 1988)	ELEVATION: 45.97' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

	XXX	XXX
	PR	WP

DATES OF SURVEY:
8-10 AUG 2023

RED. NO./FILE NO.:5321

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
MAMARONECK 2023

APPROVED:	D. MOORE, FIELD CARTOGRAPHER
APPROVED:	R. SMITH, CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MEAZ, CHIEF, OPERATIONS DIVISION SURVEYS AND MAPPING BRANCH
DATE:	29 AUG 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

MAMARONECK HARBOR
NEW YORK
CONDITION SURVEY

VH-105

5 OF 9

PROJECT SPECIFIC NOTES:

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(NGS)

0 50' 100'

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ELEVATION: 28.16' (NAVD 1988)	ELEVATION: 45.97' (NAVD 1988)

GBA
GAHAGAN & BRYANT ASSOCIATES, INC
9008 YELLOW BROOK ROAD, SUITE D
BALTIMORE, MARYLAND 21237
TEL (410)682-5599 FAX (410)682-2137
GBA-INC.COM

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	XXX
MP	XXX

DATES OF SURVEY:
8-10 AUG 2023

REQ. NO./FILE NO.:5321

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
MAMARONECK 2023

APPROVED:	D. MOORE, FIELD CARTOGRAPHER
APPROVED:	R. SMITH, CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	M. KEAZ, DEPUTY FOR SURVEYS AND MAPPING BRANCH
DATE:	29 AUG 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

MAMARONECK HARBOR
NEW YORK
CONDITION SURVEY

VH-106

6 OF 9

MATCH TO SHEET 9

MATCH TO SHEET 8

PROJECT SPECIFIC NOTES:

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RED NUN #16
AtoN FLOOD
9 AUGUST 2023

(SPOIL)

0 50' 100'

GBA
ENGINEERS ★ SURVEYORS
GANNAGAN & BRYANT ASSOCIATES, INC.
9008 YELLOW BROOK ROAD, SUITE C
RIVERDALE, MARYLAND 20737
TEL (410)582-5595 * FAX (410)582-2137
GBA-INC.COM

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: TIDAL 2 STA I 46 (PID: KU1738	BENCHMARK: L 385 (PID: KU1737)
ELEVATION: 28.16' (NAVD 1988)	ELEVATION: 45.97' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	XXX
MP	XXX

DATES OF SURVEY:
8-10 AUG 2023

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
MAMARONECK 2023

REG. NO./FILE NO.:5321

APPROVED: D. MOORE FIELD CARTOGRAPHER
APPROVED: R. SMITH CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR CHIEF OF SURVEY SUPPORT SECTION
APPROVED: MRAZ DEPUTY FOR SURVEYS AND MAPPING BRANCH
DATE: 29 AUG 2023

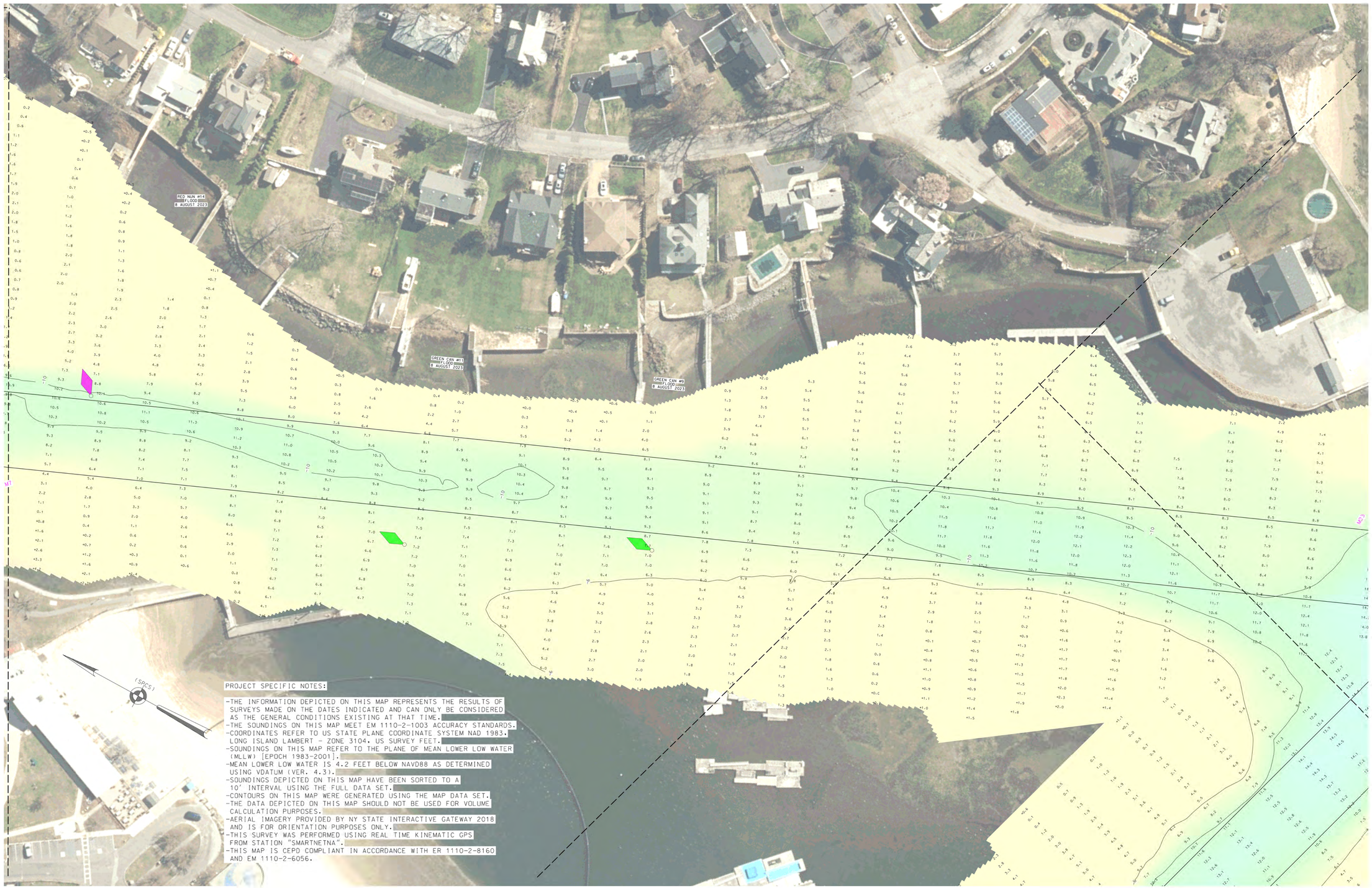
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MAMARONECK HARBOR
NEW YORK
CONDITION SURVEY

VH-107

7 OF 9



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0 50' 100'

GBA
ENGINEERS ★ SURVEYORS
GAHAGAN & BRYANT ASSOCIATES, INC
9008 YELLOW BRICK ROAD, SUITE D
BALTIMORE, MARYLAND 21237
TEL (410)682 5095 FAX (410)682 2137
GBA-INC.COM

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	XXX
MP	XXX

DATES OF SURVEY: 8-10 AUG 2023

REQ. NO./FILE NO.:5321

SCALE: ONE INCH = 50 FEET

FIELD BOOKS: MAMARONECK 2023

APPROVED: D. MOORE — FIELD CARTOGRAPHER
APPROVED: R. SMITH — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE: 29 AUG 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

MAMARONECK HARBOR
NEW YORK
CONDITION SURVEY

VH-108

8 OF 9

0 50' 100'

GBA
ENGINEERS ★ SURVEYORS
GAHAGAN & BRYANT ASSOCIATES, INC
9009 YELLOW BRICK ROAD, SUITE D
BALTIMORE, MARYLAND 21237
TEL (410)682-5505 FAX (410)682-2137
GBA-INC.COM

MATCH TO SHEET 7

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: TIDAL 2 STA I 46 (PID: KU1738	BENCHMARK: L 385 (PID: KU1737)
ELEVATION: 28.16' (NAVD 1988)	ELEVATION: 45.97' (NAVD 1988)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	XXX	XXX
	PR	WP

DATES OF SURVEY:
8-10 AUG 2023

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
MAMARONECK 2023

REQ. NO./FILE NO.:5321

APPROVED:	D. MOORE, FIELD CARTOGRAPHER
APPROVED:	R. SMITH, CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR, CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	MR&A, CHIEF, SURVEYS AND MAPPING BRANCH
DATE:	29 AUG 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

MAMARONECK HARBOR
NEW YORK
CONDITION SURVEY

VH-109

9 OF 9