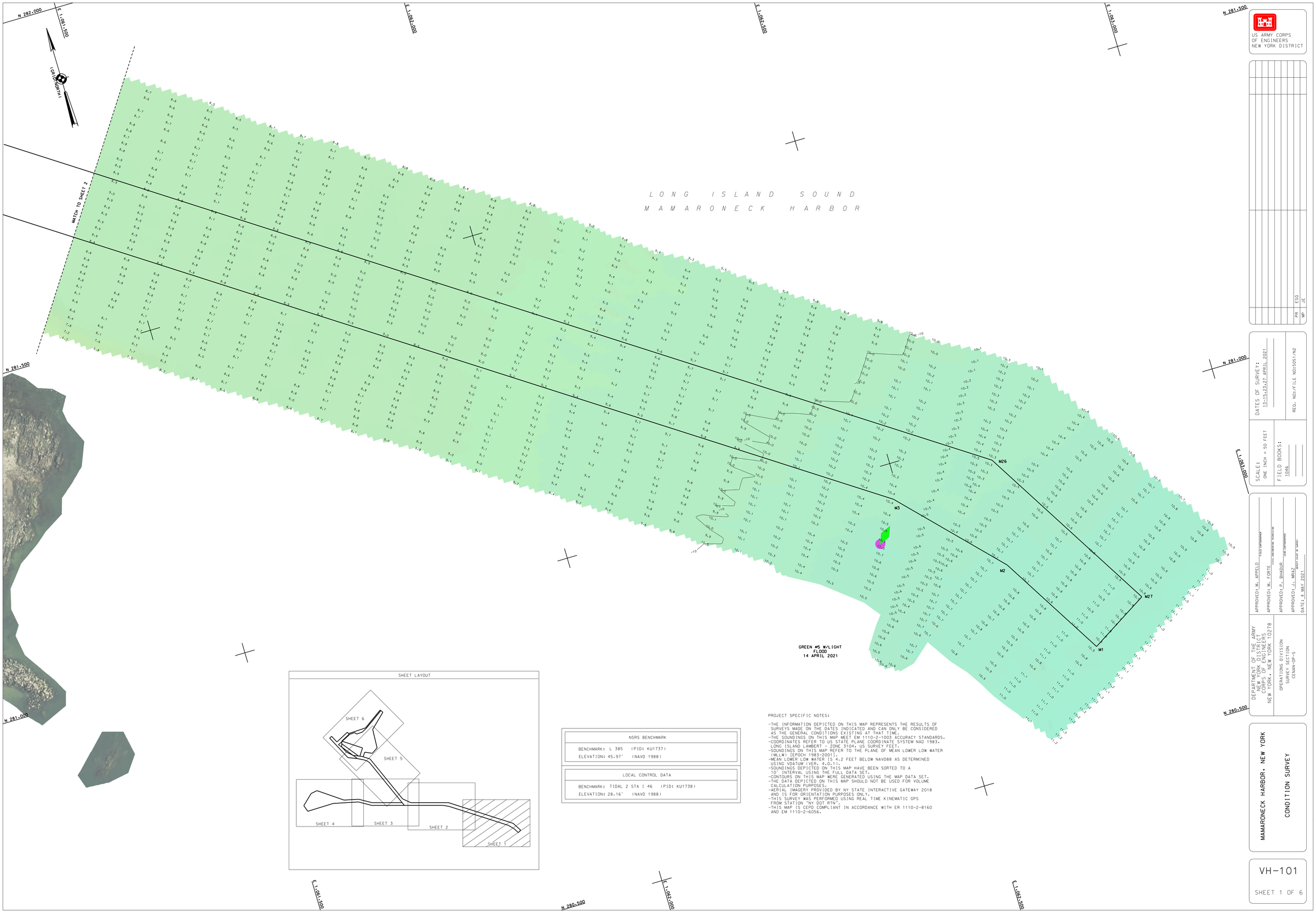
N 282,000
E 1,061,500
E 1,062,000
E 1,062,500
E 1,063,000
N 281,500
N 281,000
N 280,500
(GRID NORTH)
MATCH TO SHEET 2
LONG ISLAND SOUND
MAMARONECK HARBOR
M1
M2
M3
M26
M27
GREEN #5 W/LIGHT
FLOOD
14 APRIL 2021
SHEET LAYOUT
SHEET 6
SHEET 5
SHEET 4
SHEET 3
SHEET 2
SHEET 1
NSRS BENCHMARK
BENCHMARK: L 385 (PID: KU1737)
ELEVATION: 45.97' (NAVD 1988)
LOCAL CONTROL DATA
BENCHMARK: TIDAL 2 STA I 46 (PID: KU1738)
ELEVATION: 28.16' (NAVD 1988)
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.
-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 4.2 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.0.1).
-SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 10' INTERVAL USING THE FULL DATA SET.
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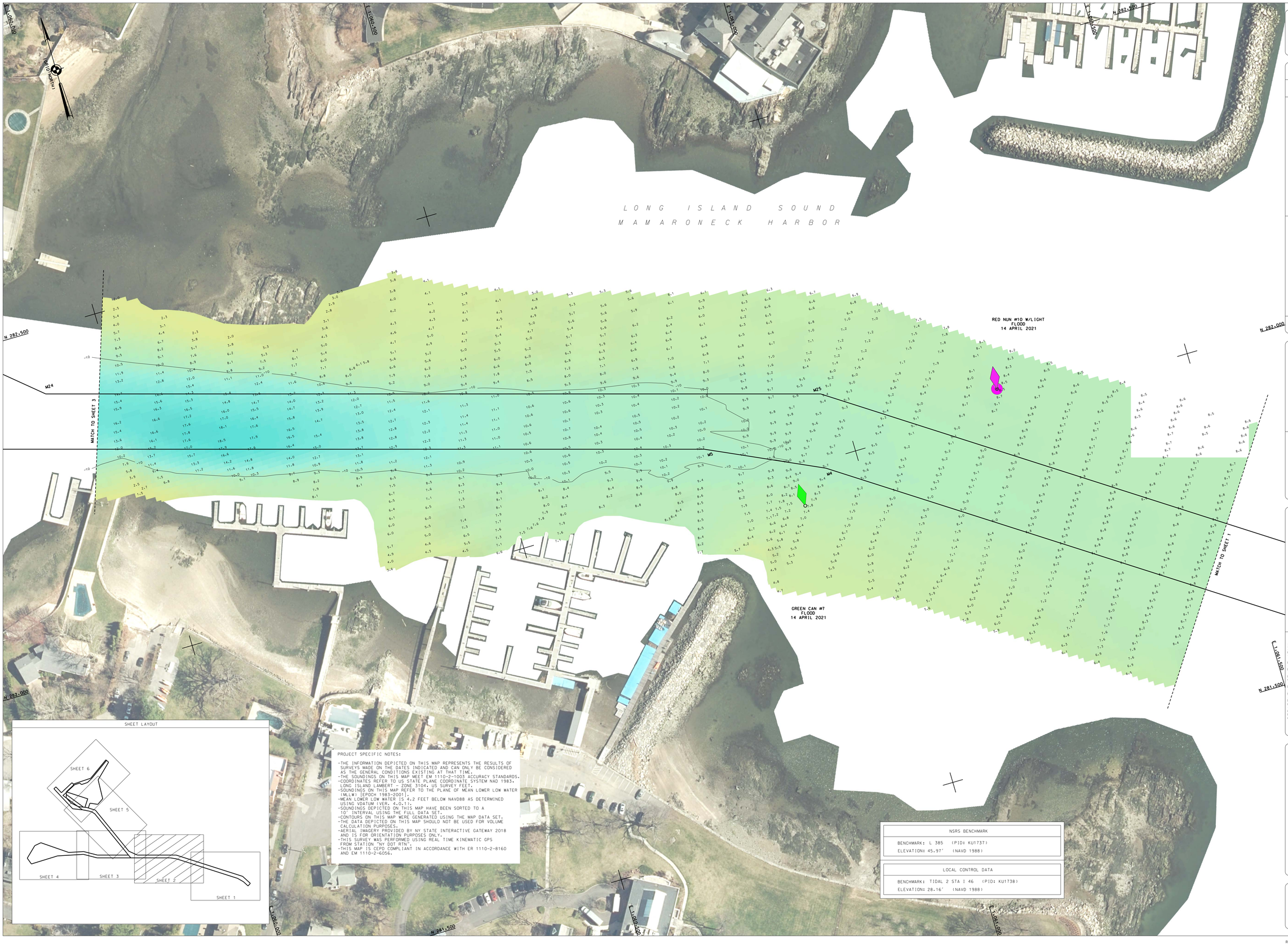
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-AERIAL IMAGERY PROVIDED BY NY STATE INTERACTIVE GATEWAY 2018 AND IS FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NY DOT RTN".
-THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT
PR ESQ
WP JE
DATES OF SURVEY: 13-15;21;27 APRIL 2021
REQ. NO:/FILE NO:5051/N2
SCALE: ONE INCH = 50 FEET
FIELD BOOKS: 1646
APPROVED: M. APPELO FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHAGUR LEAD CARTOGRAPHER
APPROVED: J. MRAZ BRANCH CHIEF OF SURVEY
DATE: 4 MAY 2021
DEPARTMENT OF THE ARMY NEW YORK DISTRICT CORPS OF ENGINEERS NEW YORK, NEW YORK 10278
OPERATIONS DIVISION SURVEY SECTION CELNAN-OP-S
MAMARONECK HARBOR, NEW YORK
CONDITION SURVEY
VH-101
SHEET 1 OF 6




PROJECT SPECIFIC NOTES:

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

| NSRS BENCHMARK |
|---|
| BENCHMARK: L 385 (PID: KU1737) |
| ELEVATION: 45.97' (NAVD 1988) |

| LOCAL CONTROL DATA |
|---|
| BENCHMARK: TIDAL 2 STA I 46 (PID: KU1738) |
| ELEVATION: 28.16' (NAVD 1988) |

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR ESO
MP JE

DATES OF SURVEY: 13-15,21,22 APRIL 2021

REG. NO:/FILE NO:5051/N2

SCALE: ONE INCH = 50 FEET

FIELD BOOKS: 1546

APPROVED: M. APPELO — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BRABER — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — BRANCH CHIEF OF SURVEY
DATE: 4 MAY 2021

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

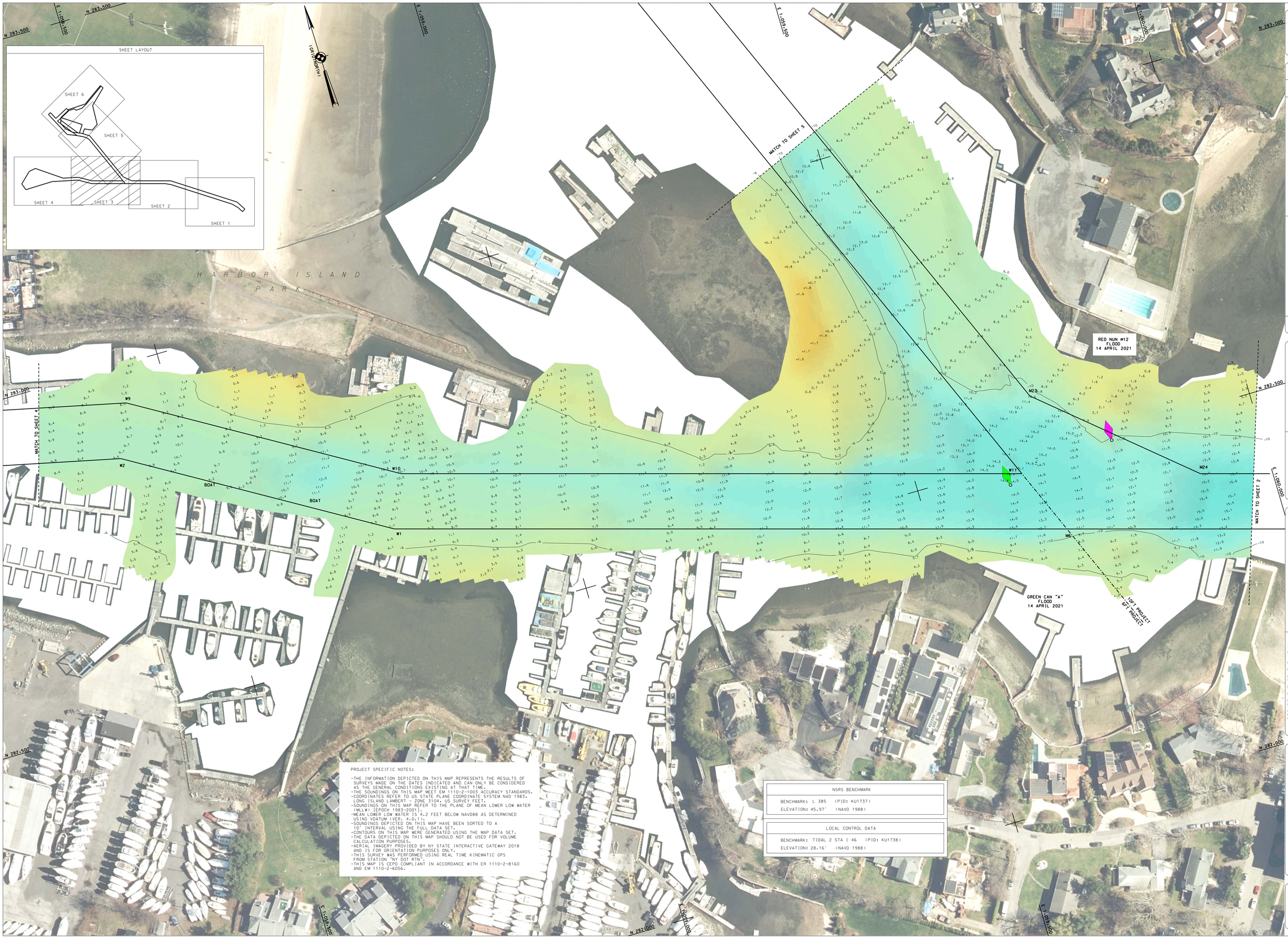
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

# MAMARONECK HARBOR, NEW YORK

## CONDITION SURVEY

VH-102

SHEET 2 OF 6




PROJECT SPECIFIC NOTES:

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

| NSRS BENCHMARK | |
|---|---|
| BENCHMARK: L 385 | (PID: KU1737) |
| ELEVATION: 45.97' | (NAVD 1988) |

| LOCAL CONTROL DATA | |
|---|---|
| BENCHMARK: TIDAL 2 STA I 46 | (PID: KU1738) |
| ELEVATION: 28.16' | (NAVD 1988) |

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

| | | |
|---|---|---|
| PR | ESQ | |
| MP | JE | |

DATES OF SURVEY:
13-15,23,27 APRIL 2021

REQ. NO:/FILE NO:5051/N2

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
1046

APPROVED: M. APPELO — FIELD SUPERVISOR
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHABUR — LEAD SURVEYOR
APPROVED: J. NIRAZ — DEPUTY CHIEF OF SURVEY
DATE: 4 MAY 2021

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

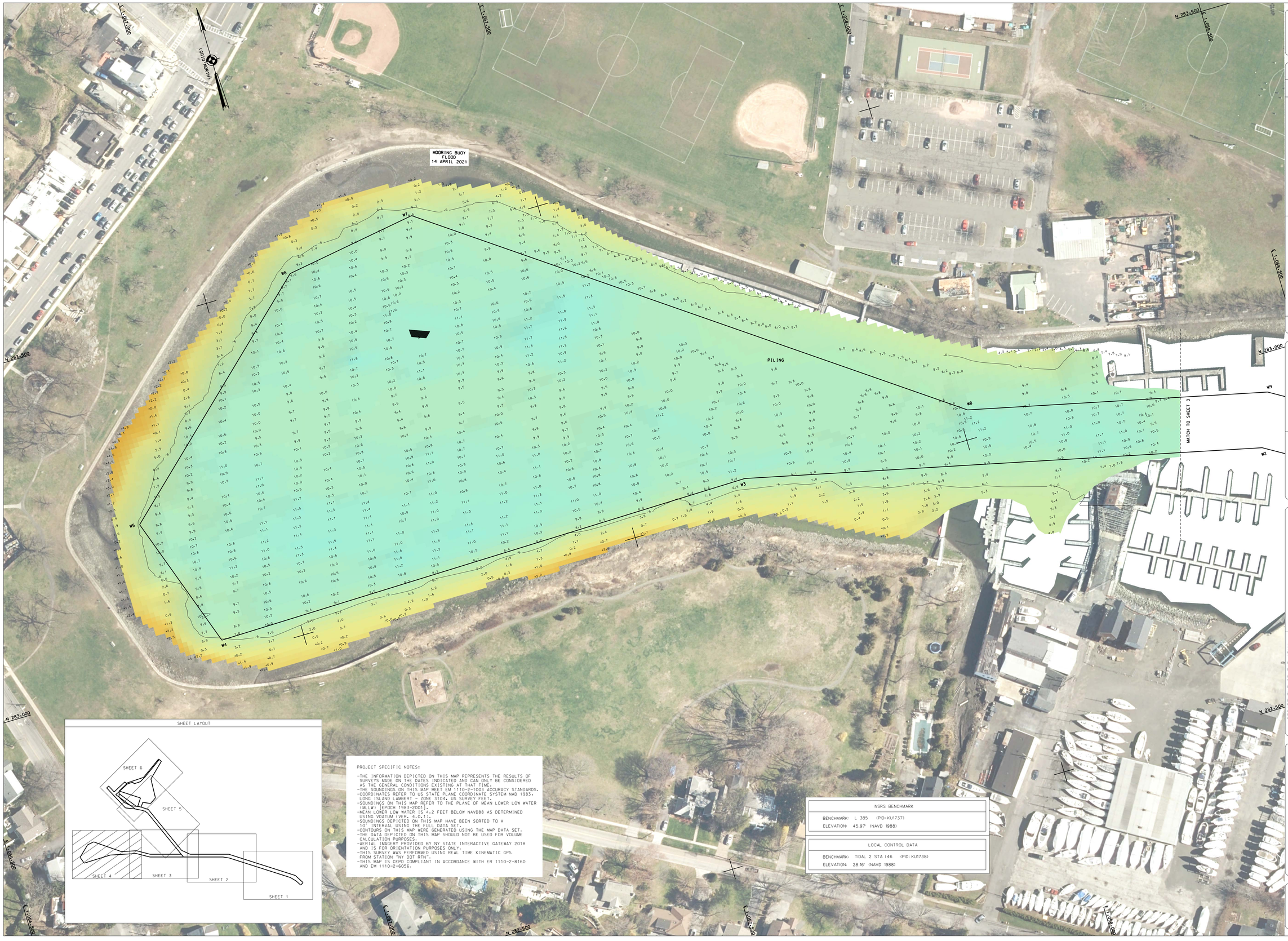
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

MAMARONECK HARBOR, NEW YORK

CONDITION SURVEY

VH-103

SHEET 3 OF 6

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| NSRS BENCHMARK | |
|---|---|
| BENCHMARK: | L 385 (PID: KU1737) |
| ELEVATION: | 45.97' (NAVD 1988) |

| LOCAL CONTROL DATA | |
|---|---|
| BENCHMARK: | TIDAL 2 STA 146 (PID: KU1738) |
| ELEVATION: | 28.16' (NAVD 1988) |

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR ESO
MP JE

DATES OF SURVEY:
13-15,23,27 APRIL 2021

REQ. NO:/FILE NO:50511/N2

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
1646

APPROVED: M. APPELO FIELD SUPERVISOR
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHAGUR LEAD SUPERVISOR
APPROVED: J. NRAZ SENIOR CHIEF OF SURVEY
DATE: 4 MAY 2021

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

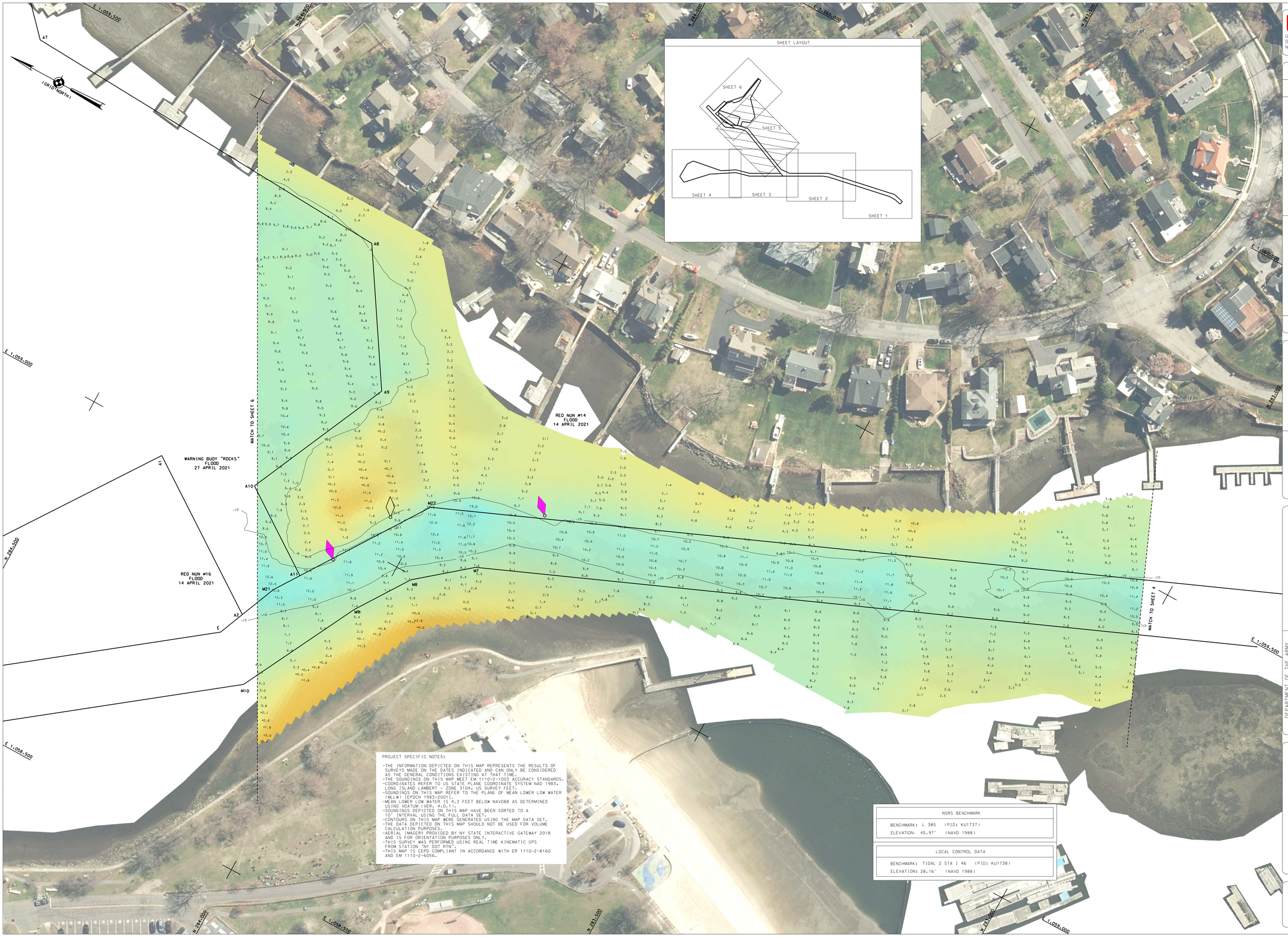
OPERATIONS DIVISION
SURVEY SECTION
CEWAN-OP-S

MAMARONECK HARBOR, NEW YORK

CONDITION SURVEY

VH-104

SHEET 4 OF 6

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| NSRS BENCHMARK | |
|---|---|
| BENCHMARK: L 385 | (PID: KU1737) |
| ELEVATION: 45.97' | (NAVD 1988) |

| LOCAL CONTROL DATA | |
|---|---|
| BENCHMARK: TIDAL 2 STA I 46 | (PID: KU1738) |
| ELEVATION: 28.16' | (NAVD 1988) |

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

| | | |
|---|---|---|
| PR | ESO | |
| WP | JE | |

DATES OF SURVEY: 13-15,21,22 APRIL 2021

REQ. NO:/FILE NO:5051/N2

SCALE: ONE INCH = 50 FEET

FIELD BOOKS: 1646

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — FIELD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 4 MAY 2021

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

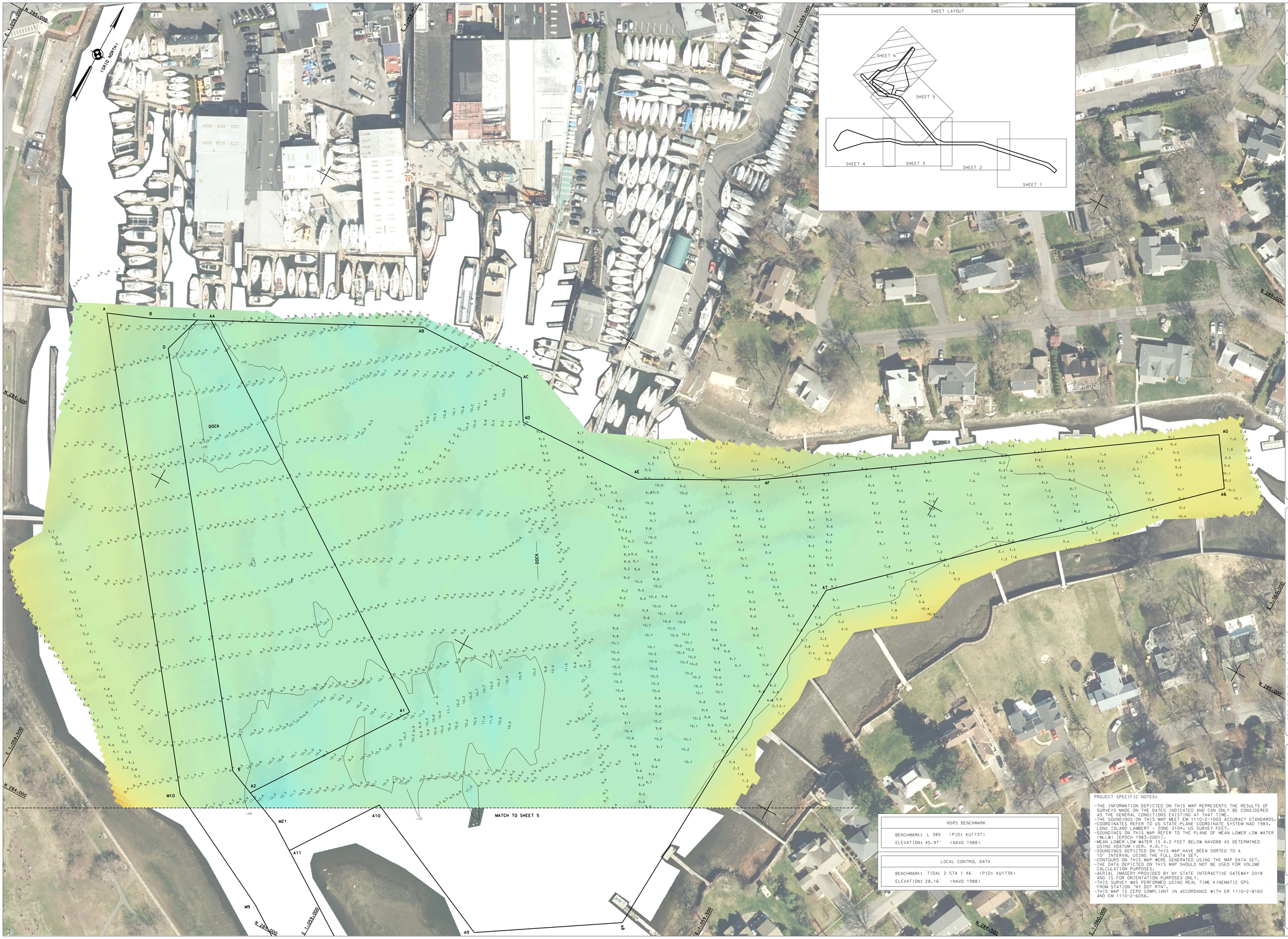
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

# MAMARONECK HARBOR, NEW YORK

## CONDITION SURVEY

VH-105

SHEET 5 OF 6




PROJECT SPECIFIC NOTES:

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| NSRS BENCHMARK | |
|---|---|
| BENCHMARK: L 385 | (PID: KU1737) |
| ELEVATION: 45.97' | (NAVD 1988) |

| LOCAL CONTROL DATA | |
|---|---|
| BENCHMARK: TIDAL 2 STA I 46 | (PID: KU1738) |
| ELEVATION: 28.16' | (NAVD 1988) |

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR ESO
WP JE

DATES OF SURVEY: 13-15,23,27 APRIL 2021

REQ. NO:/FILE NO:5051/N2

SCALE: ONE INCH = 50 FEET

FIELD BOOKS: 15A6

APPROVED: M. APPELO FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHABUR LEAD CARTOGRAPHER
APPROVED: J. MRAZ BRANCH CHIEF OF SURVEY
DATE: 4 MAY 2021

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CELMN-OD-S

MAMARONECK HARBOR, NEW YORK

CONDITION SURVEY

VH-106

SHEET 6 OF 6