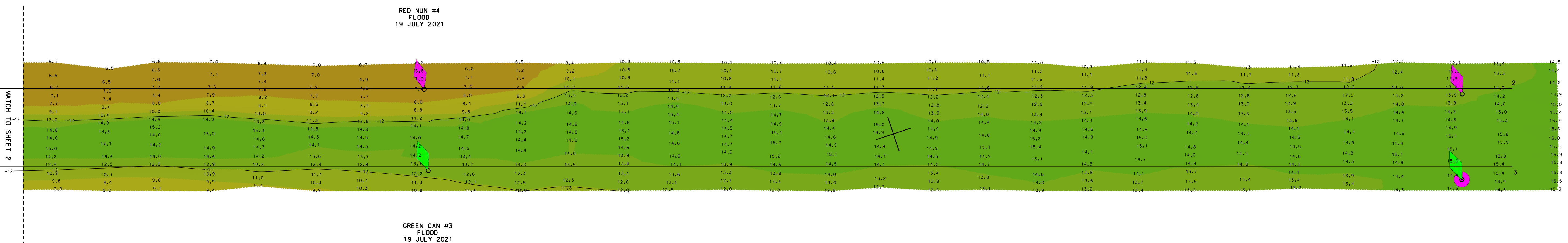
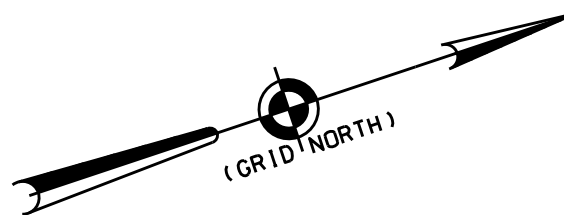
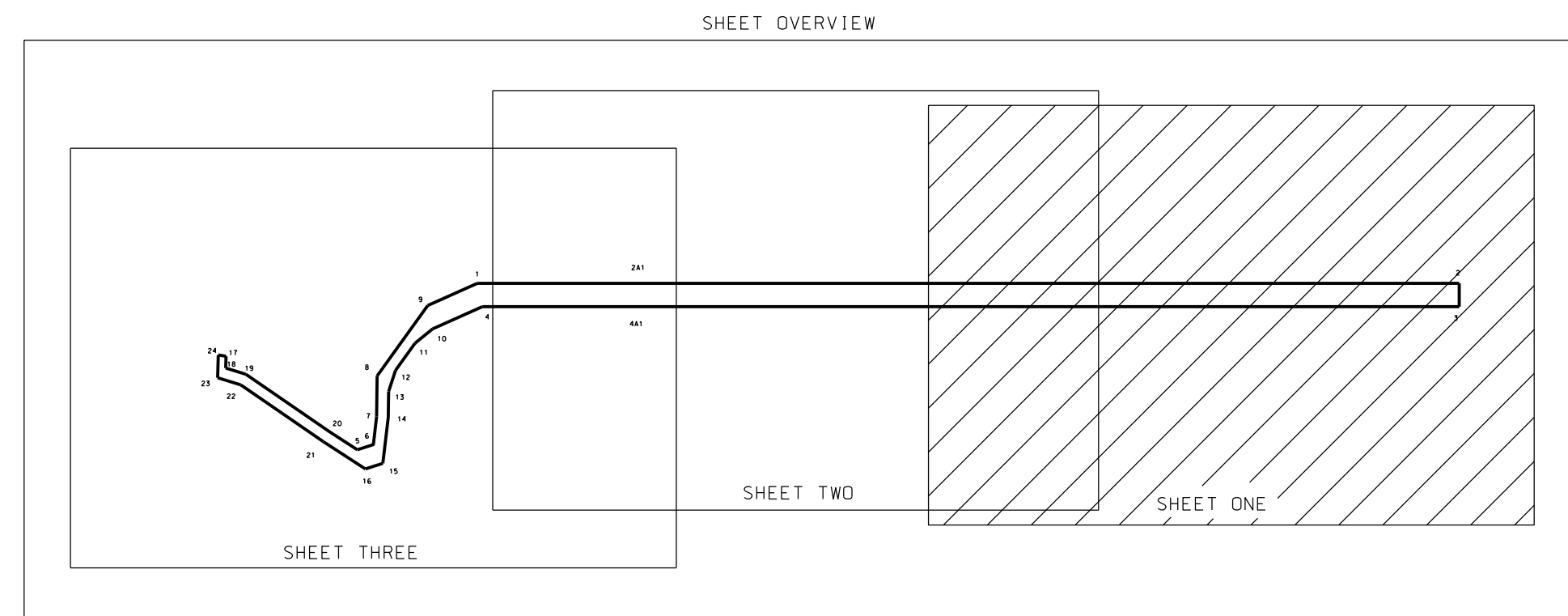


US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

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+ NEW JERSEY MERCATOR - ZONE 2900+, 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 2.8-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.0.1).

-SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.

-CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.

-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.

-AERIAL IMAGERY PROVIDED BY NY STATE INTERACTIVE GATEWAY (2020) 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-B160 AND EM 1110-2-6056.

LOCAL CONTROL DATA

BENCHMARK: OD-10116
ELEVATION: 11.72' (NAV088)

NSRS BENCHMARK

BENCHMARK: Z 81 (PID: KV3509)
ELEVATION: 22.15' (NAV088)

DATES OF SURVEY:

19-20 JULY 2021

SCALE:

ONE INCH = 100 FEET

FIELD BOOKS:

REG. NO./FILE NO.: 15081/N3

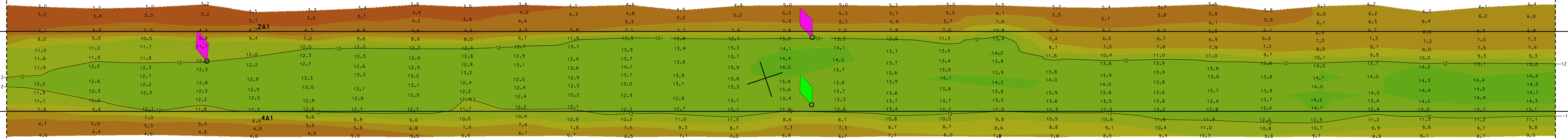
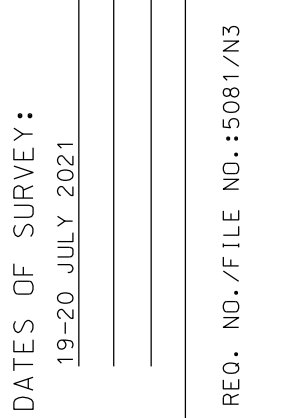
APPROVED: M. APPEL

19 JUL 2021

DEPARTMENT OF THE ARMY
ENGINEER REGIMENT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278OPERATIONS DIVISION
SURVEY SECTION
CERNAN-OPSSHOAL HARBOR & COMPTON CREEK
CONDITION SURVEY

VH-101

SHEET 1 OF 3



SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

UNITED STATES DISTRICT COURT NEW YORK DISTRICT CORPS OF ENGINEERS NEW YORK, NEW YORK 10278	OPERATIONS DIVISION SURVEY SECTION CENAW-OPS	APPROVED: <u>M. APPELO</u> FIELD SUPERVISOR
		APPROVED: <u>P. FORTE</u> CITY ENGINEERING SUPERVISOR
		APPROVED: <u>P. BHADUR</u> TEST SUPERVISOR
		APPROVED: <u>J. MARZ</u> QUALITY CONTROL SUPERVISOR
		DATE: 23 JULY 2021

SHOAL HARBOR & COMPTON CREEK
CONDITION SURVEY

VH-102

SHEET 2 OF 3

LOCAL CONTROL DATA	
BENCHMARK:	GD_10116
ELEVATION:	11.72' (NAVD88)

NSRS BENCHMARK	
BENCHMARK:	Z 81 (PID: KV3509)
ELEVATION:	22.15' (NAVD88)

PROJECT SPECIFIC NOTES:

- THE INFORMATION DETICED ON THIS MAP REPRESENTS THE RESULTS OF SURVEY DATA AND HAS BEEN PLACED AND CAN ONLY BE CONSIDERED AS AN INDICATION OF THE EXISTING ACTUAL OCCUPANCY OF THE LAND.

- THE INFORMATION ON THIS MAP IS BASED ON THE DATA PROVIDED BY THE COORDINATES OF THE STATE PLANE COORDINATE SYSTEM NAD 83.

- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER OR MEAN LOWER LOW WATER.

- THE DEPTH OF THE WATER IS 2.8-2.9 FEET BELOW NAVD83 AS DETERMINED USING SURVEY DEPTH DATA.

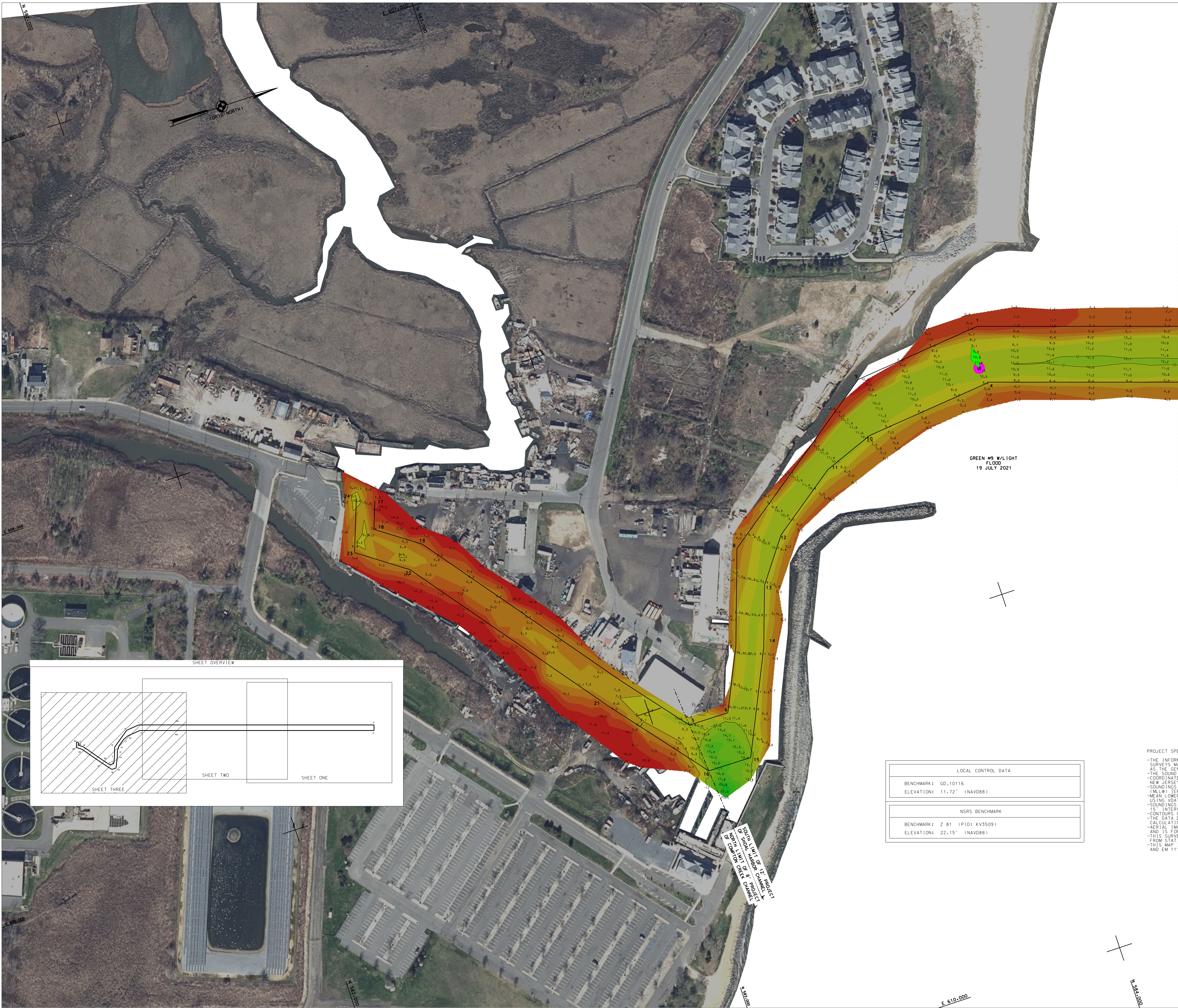
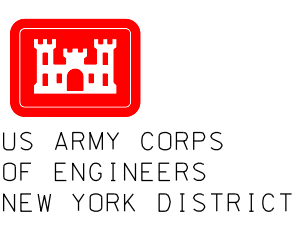
- THIS MAP HAS BEEN SORTED TO A CONTIGUOUS MAP.

- CONTIGUOUS MAPS HAVE BEEN GENERATED USING THE MAP DATA SET. CALCULATOR PROVIDED ON THIS MAP SHOULD NOT BE USED FOR VOLUME.

- THIS MAP IS NOT TO BE USED FOR ANY INTERACTIVE GATEWAY (2020) AND IS FOR ORIENTATION PURPOSES ONLY.

- THIS MAP IS NOT TO BE USED IN REAL TIME KINEMATIC GPS FROM STATION TO ROY BOT.

- THIS MAP IS NOT COMPLIANT IN ACCORDING WITH 11N110-2-8160 AND EM 1110-2-6056.



MATCH TO SHEET 2

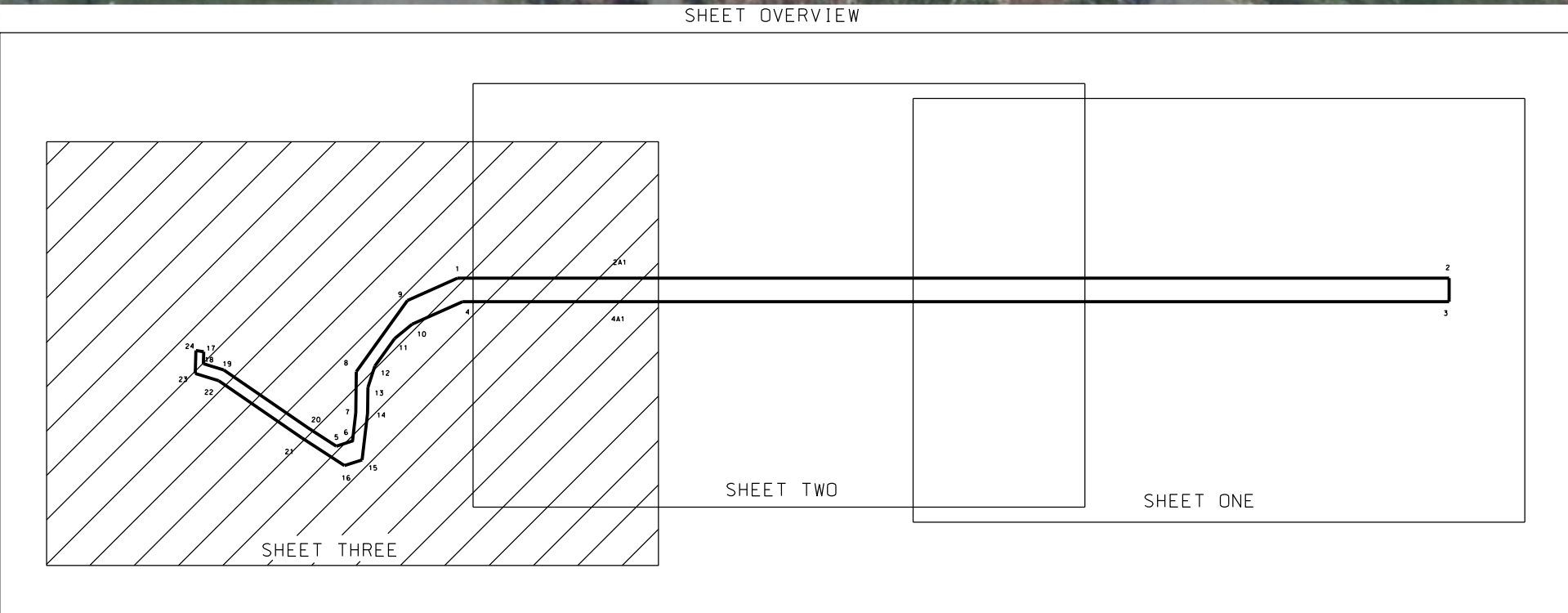
GREEN #9 W/LIGHT
FLOOD
19 JULY 2021

CEPDA UNIT 82
NORTH HARBOR CREEK & COMPTON CREEK
LOCAL CONTROL DATA
ELEVATION: 11.72' (NAVD88)

LOCAL CONTROL DATA	
BENCHMARK:	GD-10116
ELEVATION:	11.72' (NAVD88)

NSRS BENCHMARK	
BENCHMARK:	Z 81 (PID: KV3509)
ELEVATION:	22.15' (NAVD88)

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, NEW JERSEY MERIDIAN - ZONE 2000, US SURVEY FEET.
-SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) (EPIC 1985-2001).
-MEAN LOWER LOW WATER IS 2.8-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM 1985, 4-D-11.
-SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
-CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-AERIAL IMAGERY PROVIDED BY NY STATE INTERACTIVE GATEWAY (2020) 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 1110-2-8086.



E 608.000	
2A1	
4A1	
E 609.000	
000.000 N	
E 610.000	

DATES OF SURVEY:	19-20 JULY 2021
SCALE:	ONE INCH = 100 FEET
FIELD BOOKS:	XX
REQ. NO./FILE NO.:	15081/03

APPROVED: M. APPELO	FIELD SUPERVISOR
APPROVED: M. EORIE	CIVIL ENGINEERING SUPERVISOR
APPROVED: P. BRIDGES	CHIEF OF PARTY
APPROVED: J. MRAZ	DATE: 23 JULY 2021

DEPARTMENT OF THE ARMY NEW YORK DISTRICT NEW YORK, NEW YORK 10278	OPERATIONS DIVISION SCENARIOS
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SHOAL HARBOR & COMPTON CREEK CONDITION SURVEY
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VH-103
SHEET 3 OF 3