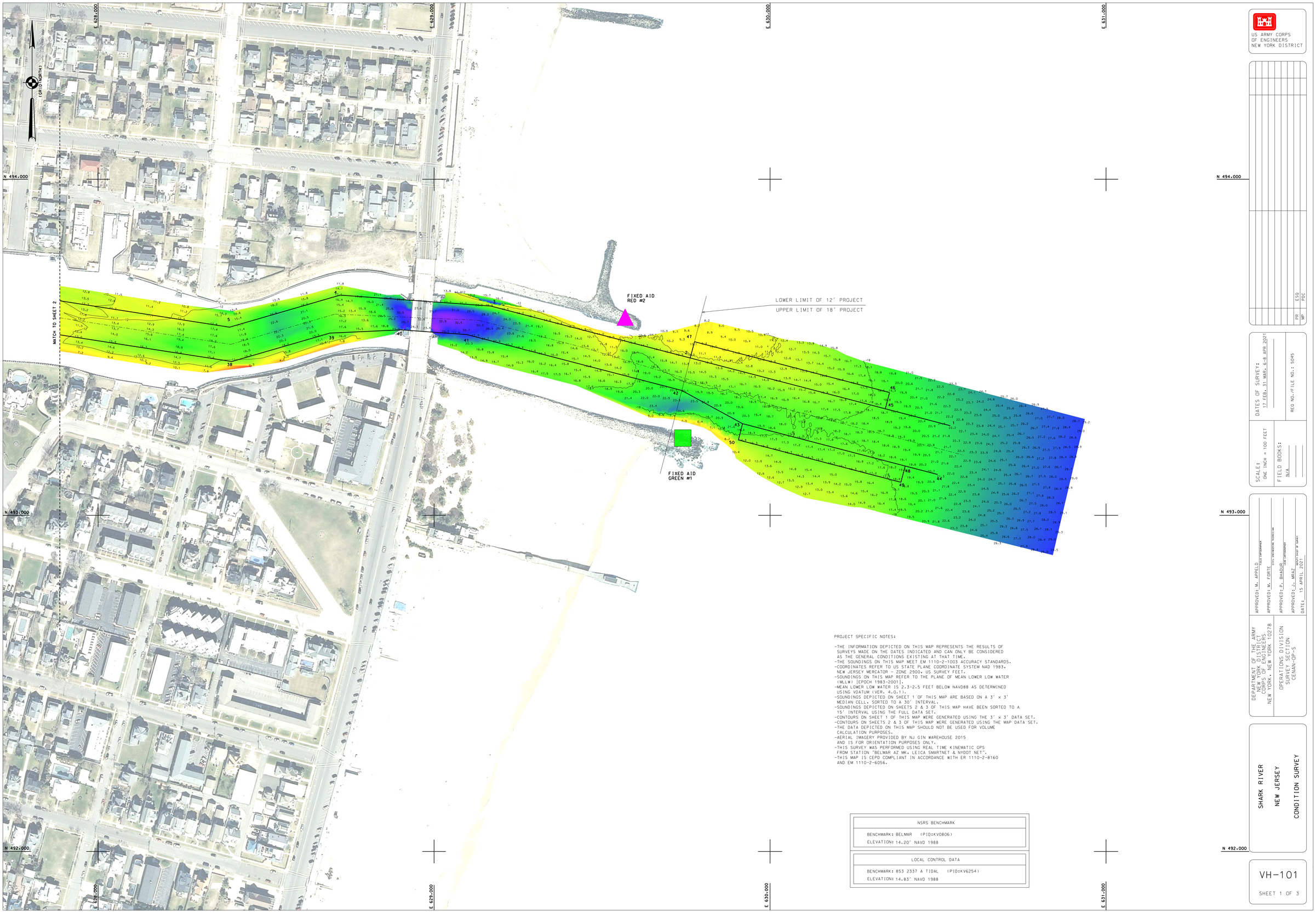

PROJECT SPECIFIC NOTES:

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-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].
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-SOUNDINGS DEPICTED ON SHEET 1 OF THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL. SORTED TO A 30' INTERVAL.
-SOUNDINGS DEPICTED ON SHEETS 2 & 3 OF THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
-CONTOURS ON SHEET 1 OF THIS MAP WERE GENERATED USING THE 3' x 3' DATA SET.
-CONTOURS ON SHEETS 2 & 3 OF THIS MAP WERE GENERATED USING THE MAP DATA SET.
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-THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

NSRS BENCHMARK
BENCHMARK: BELMAR (PID:KV0806)
ELEVATION: 14.20' NAVD 1988

LOCAL CONTROL DATA
BENCHMARK: 853 2337 A TIDAL (PID:KV6254)
ELEVATION: 14.83' NAVD 1988

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	ESQ	
WP	PWC	

DATES OF SURVEY:
17 FEB., 31 MAR., 6-8 APR 2021

REQ NO./FILE NO.: 5045

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

APPROVED: M. APPELO
CHIEF, CARTOGRAPHER

APPROVED: M. FORTE
CHIEF, ENGINEERING TECHNICIAN

APPROVED: P. BURAUD
CHIEF, CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 15 APRIL 2021

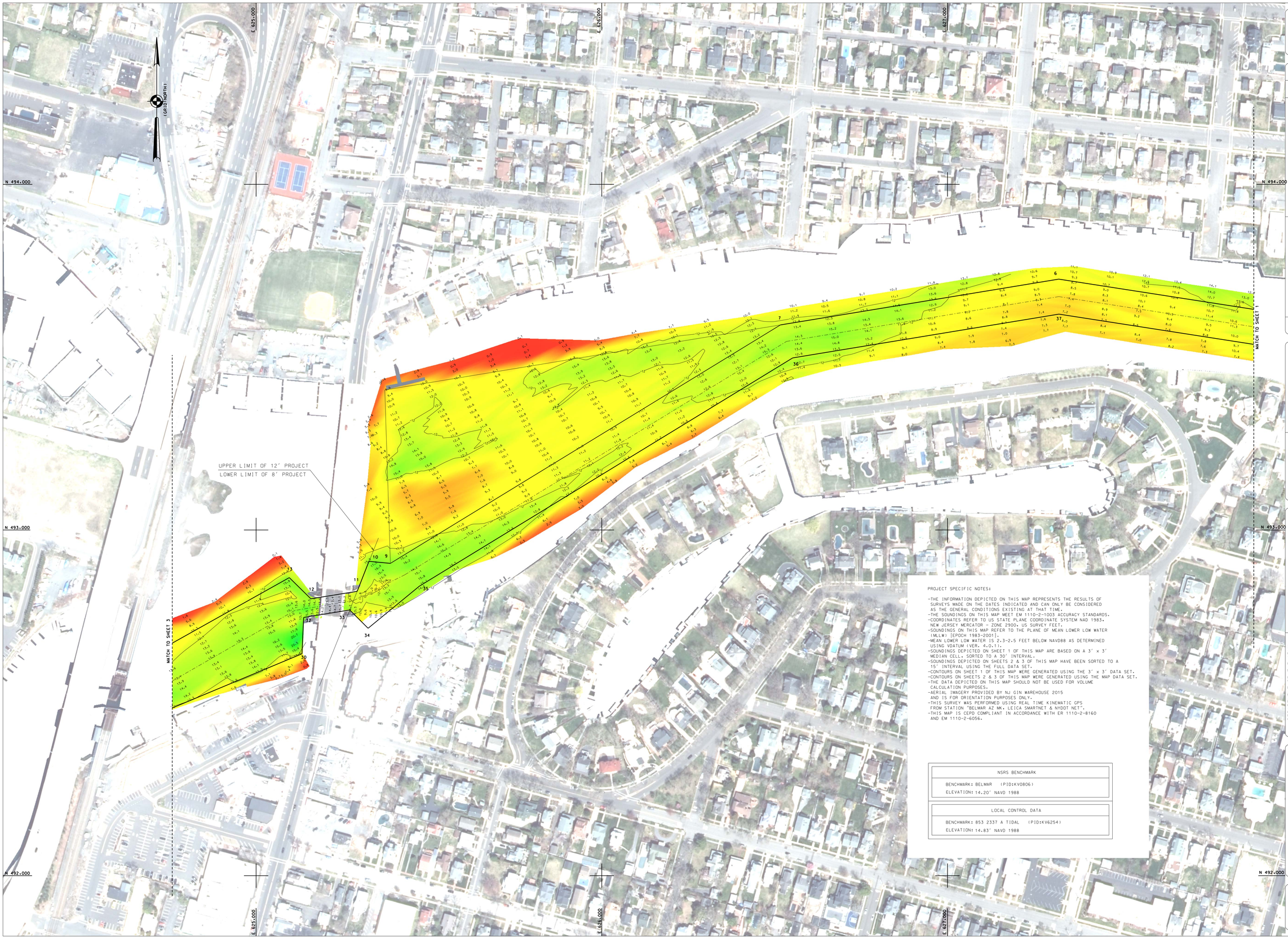
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHARK RIVER
NEW JERSEY
CONDITION SURVEY

VH-101

SHEET 1 OF 3



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NSRS BENCHMARK
BENCHMARK: BELMAR (PID:KV0806)
ELEVATION: 14.20' NAVD 1988

LOCAL CONTROL DATA
BENCHMARK: 853 2337 A TIDAL (PID:KV6254)
ELEVATION: 14.83' NAVD 1988

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	ESQ	
WP	PVC	

DATES OF SURVEY:
17 FEB., 31 MAR., 6-8 APR 2021

REQ NO./FILE NO.: 5045

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
N/A

APPROVED: M. APPELD
CHIEF, CARTOGRAPHY

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BRABOW
CHIEF, CARTOGRAPHY

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 15 APRIL 2021

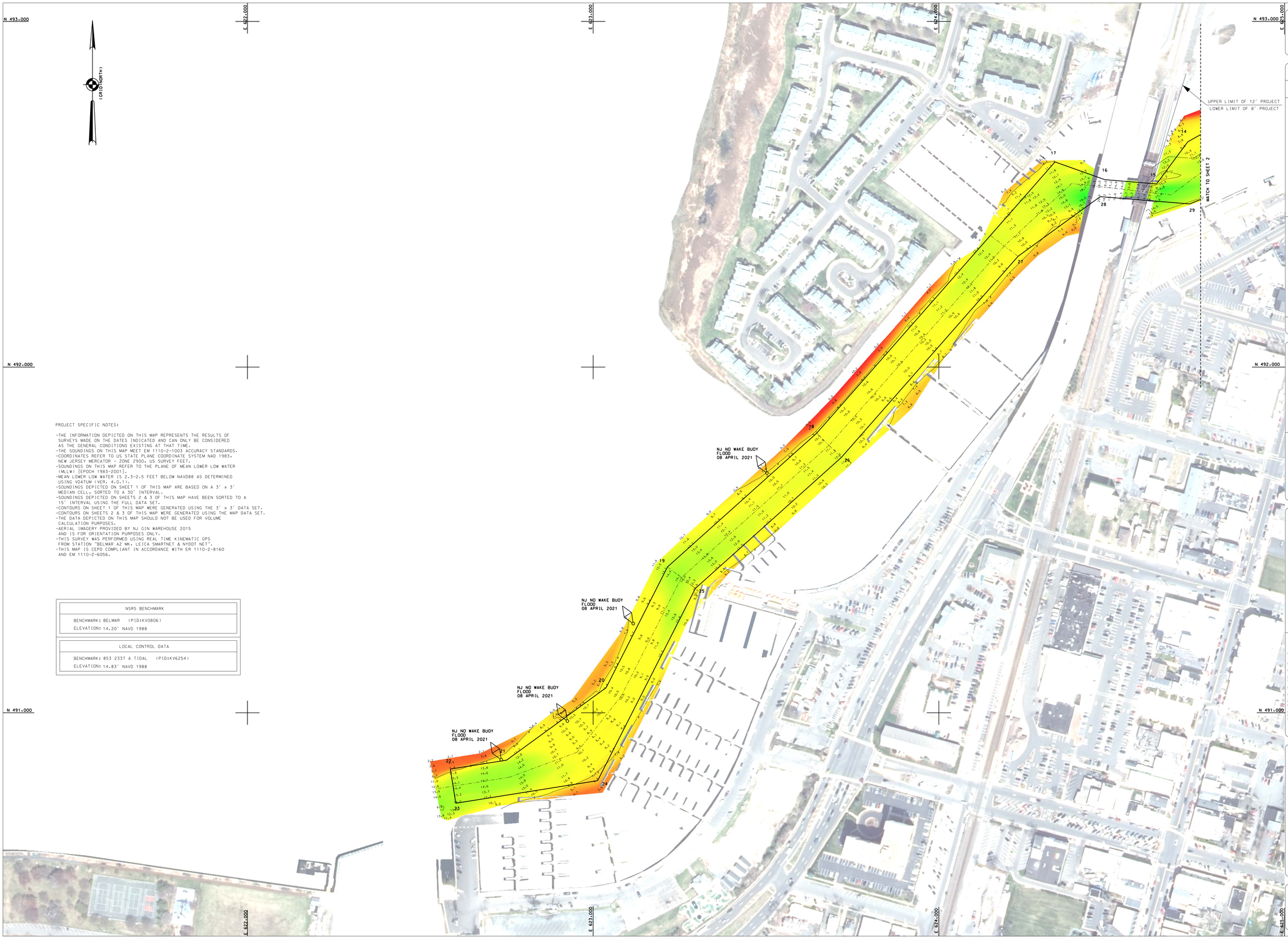
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHARK RIVER
NEW JERSEY
CONDITION SURVEY

VH-102

SHEET 2 OF 3



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LOCAL CONTROL DATA
BENCHMARK: 853 2337 A TIDAL (PID:KV6254)
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	ESG
WP	PDC

DATES OF SURVEY:
17 FEB., 31 MAR., 6-8 APR 2021

REQ NO./FILE NO.: 5045

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:
N/A

APPROVED: M. APPELD
CHIEF CARTOGRAPHER
APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BRADUR
CHIEF CARTOGRAPHER
APPROVED: J. MRAZ
BRANCH CHIEF OF SURVEY
DATE: 15 APRIL 2021

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHARK RIVER
NEW JERSEY
CONDITION SURVEY

VH-103

SHEET 3 OF 3