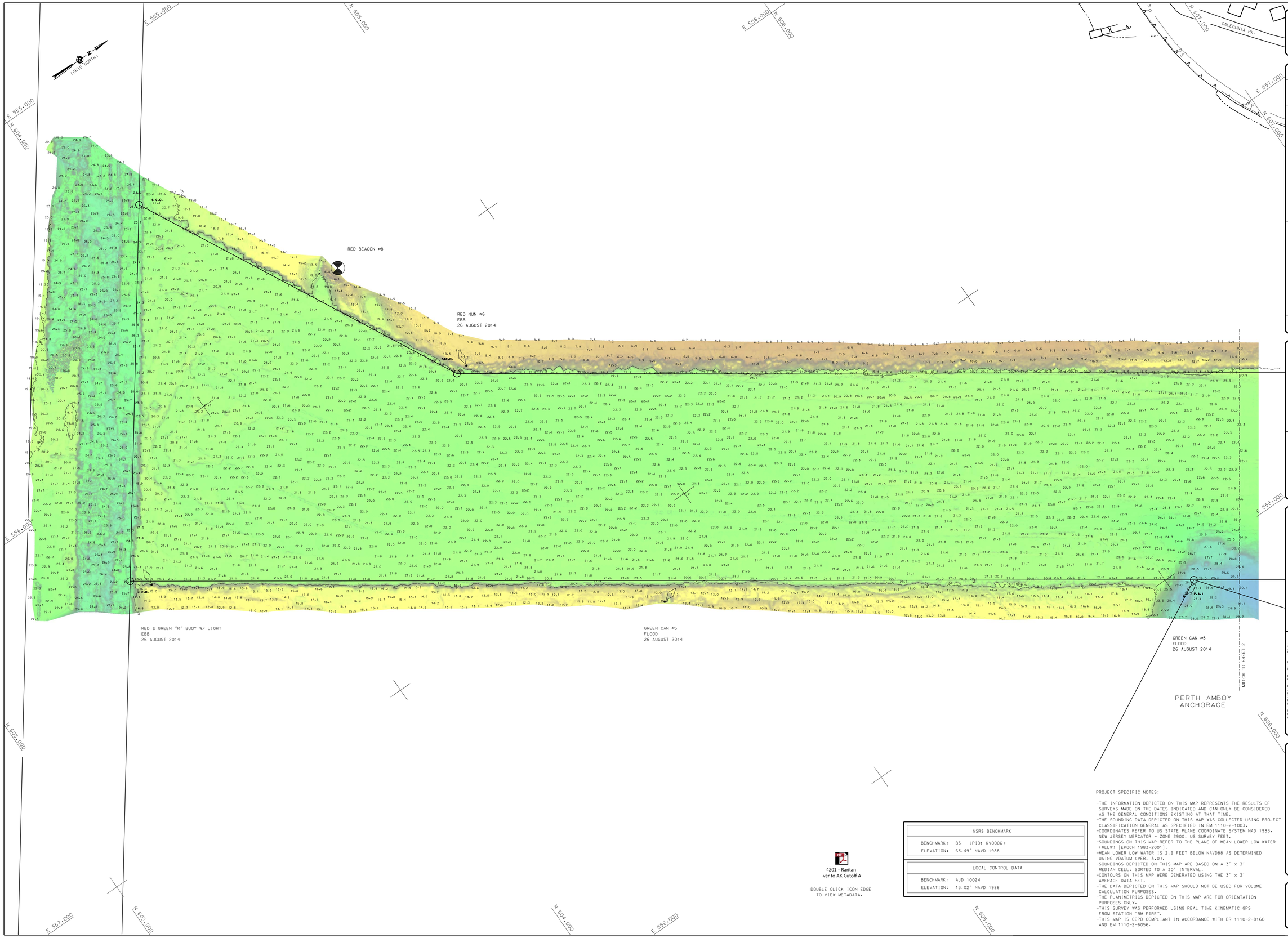
CORPS OF ENGINEERS

U. S. ARMY



NSRS BENCHMARK	
BENCHMARK:	B5 (PID: KV0006)
ELEVATION:	63.49' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	AJD 10024
ELEVATION:	13.02' 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 SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
- 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 2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.0).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 30' INTERVAL.
- CONTOURS ON THIS MAP WERE GENERATED USING THE 3' x 3' AVERAGE DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BM FIRE".
- 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

JHS	PR
JHS	MP

DATES OF SURVEY:
26, 27 AUGUST 2014

FILE NO.: 59
REQUEST NO.: 4201/SB3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1011

APPROVED: M. APPELD
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 28 AUGUST 2014

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER TO ARTHUR KILL
CUT-OFF CHANNEL, NJ
AFTER DREDGE SURVEY

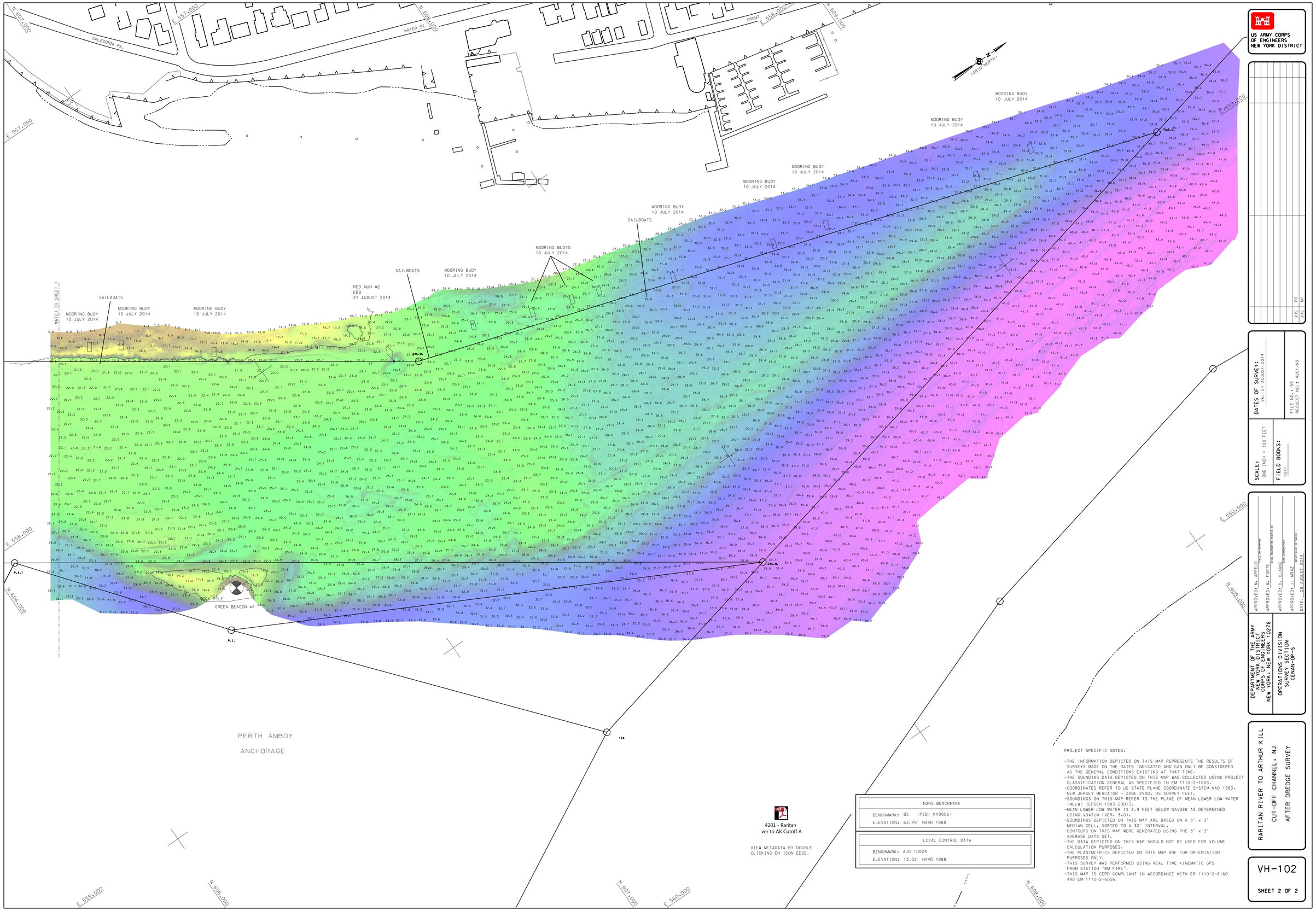
VH-101

SHEET 1 OF 2

FILE NO.: 59
REQUEST NO.: 4201/SB3

CORPS OF ENGINEERS

U. S. ARMY



NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' NAVD 1988

LOCAL CONTROL DATA
BENCHMARK: AJD 10024
ELEVATION: 13.02' NAVD 1988

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

JHS PR
JHS MP

DATES OF SURVEY: 26, 27 AUGUST 2014

FILE NO.: 59
REQUEST NO.: 4201/N3

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 10111

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CIVIL CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 28 AUGUST 2014

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NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER TO ARTHUR KILL
CUT-OFF CHANNEL, NJ
AFTER DREDGE SURVEY

VH-102

SHEET 2 OF 2

FILE NO.: 59
REQUEST NO.: 4201/N3