U. S. ARMY

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

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DATES OF SURVEY: 27 NOVEMBER 2018 – 10 DECEMBER 2018

FILE NO.: 196
REQUEST NO.: 4776/D/N1

SCALE: ONE INCH= 100 FEET

FIELD BOOKS: N/A

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEYS

DATE: 14 DECEMBER 2018

EAST RIVER
SOUTH BROTHER ISLAND CHANNEL
CONDITION SURVEY

VH-101

SHEET 1 OF 2

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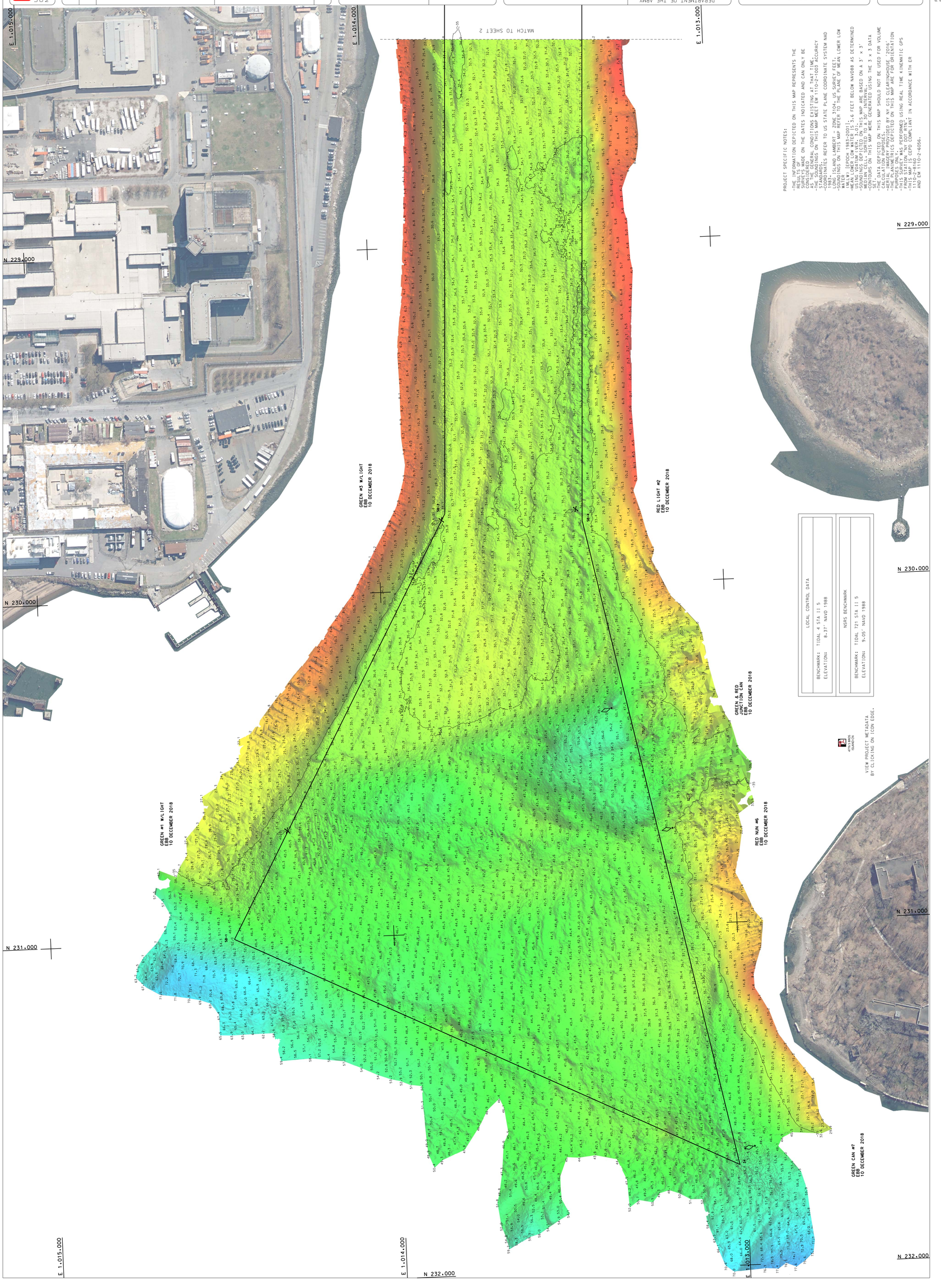
REQ NO: 4776/D/N1



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 3.6 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 DATA SET.
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-AERIAL IMAGERY PROVIDED BY NY GIS CLEARINGHOUSE '2016'
-THE PLANIMETRICS DEPICTED ON THIS MAP ARE 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.

LOCAL CONTROL DATA

BENCHMARK: TIDAL 4 STA II 5
ELEVATION: 8.37' NAVD 1988

NSRS BENCHMARK

BENCHMARK: TIDAL 721 STA II 5
ELEVATION: 9.05' NAVD 1988

VIEW PROJECT METADATA BY CLICKING ON ICON EDGE.

CORPS OF ENGINEERS

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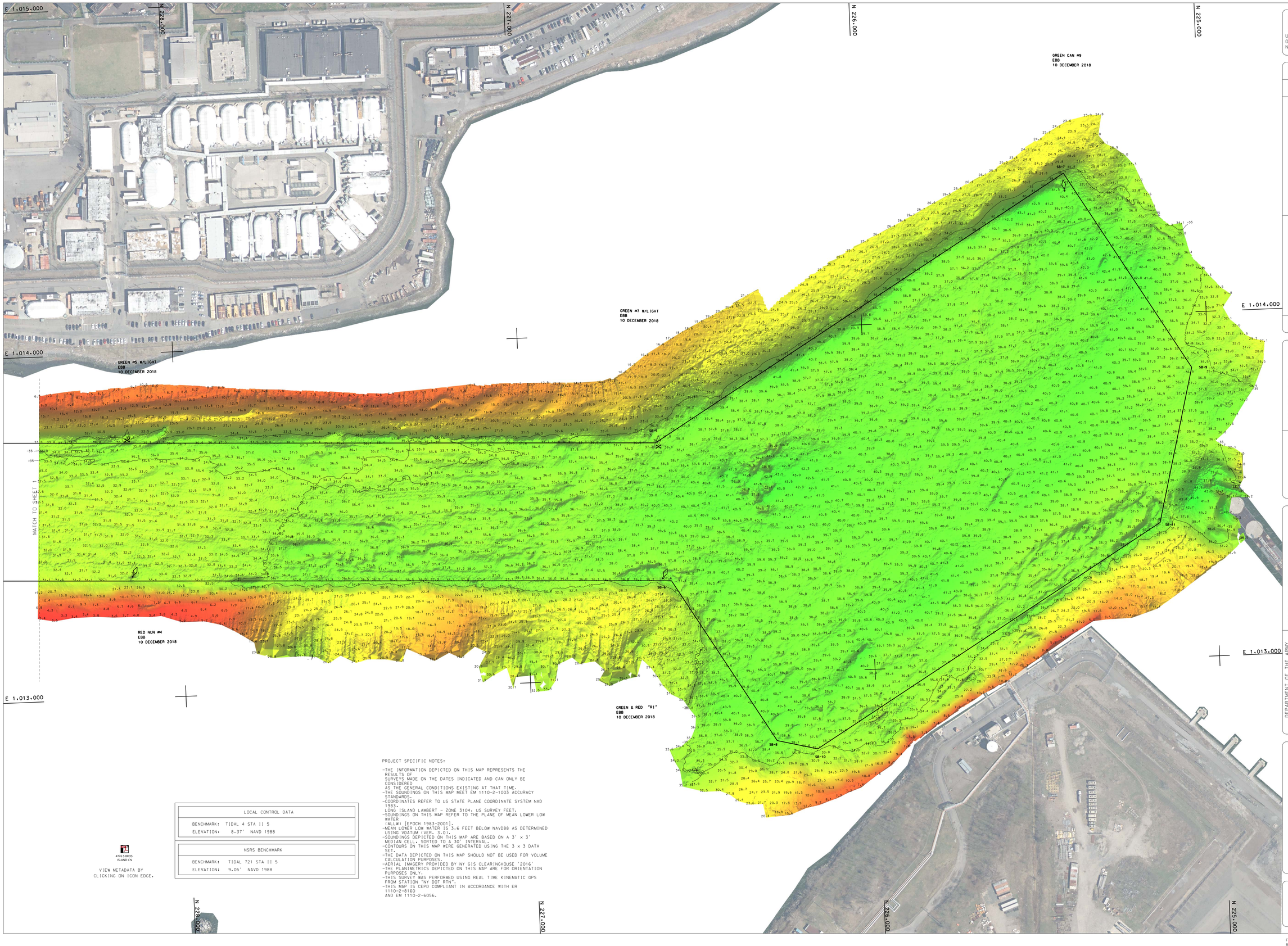
U. S. ARMY



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4776.5 BROS ISLAND CN

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CONDITION SURVEY

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SHEET 2 OF 2

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