CORPS OF ENGINEERS

U. S. ARMY

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 SOFT 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 2.7-2.8 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 2.2.5).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' AVERAGE CELL. SORTED TO A 50' INTERVAL.
- CONTOURS ON THIS MAP WERE GENERATED USING THE 50' SORT DATASET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY GOOGLE EARTH 2013.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "SIMPSON 2 RM 3".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

LOCAL CONTROL DATA
BENCHMARK: SIMPSON 2 RM3 (PID: KV0707)
ELEVATION: 6.85' NAVD 1988

NSRS BENCHMARK
BENCHMARK: SIMPSON 2 (PID: KV0709)
ELEVATION: 6.92' NAVD 1988

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JE
MP	JE

DATES OF SURVEY: 19 DECEMBER 2013

FILE NO.: 173
REQUEST NO.: 4087N3

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

APPROVED: J. ABRAHAMSEN, M. APPELD
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 24 DECEMBER 2013

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK HARBOR, NY

SANDY HOOK

AFTER DREDGE SURVEY

VH-101

SHEET 1 OF 1

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4087N3