U. S. ARMY

CORPS OF ENGINEERS

142
4488/0/N1/N3

N 102,000

E 1,024,000

N 104,000

E 1,026,000

N 106,000

E 1,028,000

N 108,000

E 1,030,000

E 1,032,000

N 108,000

E 1,034,000

N 106,000

N 104,000

N 102,000

E 1,032,000

E 1,030,000

E 1,028,000

E 1,026,000

E 1,024,000

MATCH TO SHEET 2

RED/WHITE "A" M/LIGHT & WHISTLE
EOB
14 SEPTEMBER 2016

GRID NORTH

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 2.7-2.8 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.01.
-SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL. SORTED TO A 45' INTERVAL.
-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.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "SIMPSON 2 RM 3,NPS SANDY HOOK,BAY,NY DOT RTN".
-THIS WAP IS CEPD COMPLIANT IN ACCORDANCE WITH EM 1110-2-8160 AND EM 1110-2-6056.

NSRS BENCHMARK

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

LOCAL CONTROL DATA

BENCHMARK: F 342 (PID: KU1257)
ELEVATION: 14.37' (NAVD 1988)

CLICK ON ICON
EDGE TO OPEN

SHEET LAYOUT
-NOT TO SCALE-

SHEET 1 SHEET 2 SHEET 3 SHEET 4 SHEET 5 SHEET 6 SHEET 7 SHEET 8 SHEET 9 SHEET 10 SHEET 11 SHEET 12 SHEET 13 SHEET 14 SHEET 15 SHEET 16 SHEET 17

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

OPERATIONS DIVISION
SURVEYING SECTION
GENA-OPS

APPROVED: D. SMITH/NL APFELD
CHIEF, SURVEYING SECTION

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CHIEF, OPERATIONS DIVISION

APPROVED: J. MORAZ
DEPUTY CHIEF OF SURVEY

DATE: 7 OCTOBER 2016

NEW YORK HARBOR
AMBROSE CHANNEL
CONDITION SURVEY

SHEET 1 OF 17

VH-101

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:

DATES OF SURVEY:
31 MAY 2016 - 27 SEPTEMBER 2016

FILE NO.: 1142
REQUEST NO.: 4488/0/N1/N3

PR	
ESD	
JE	

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT