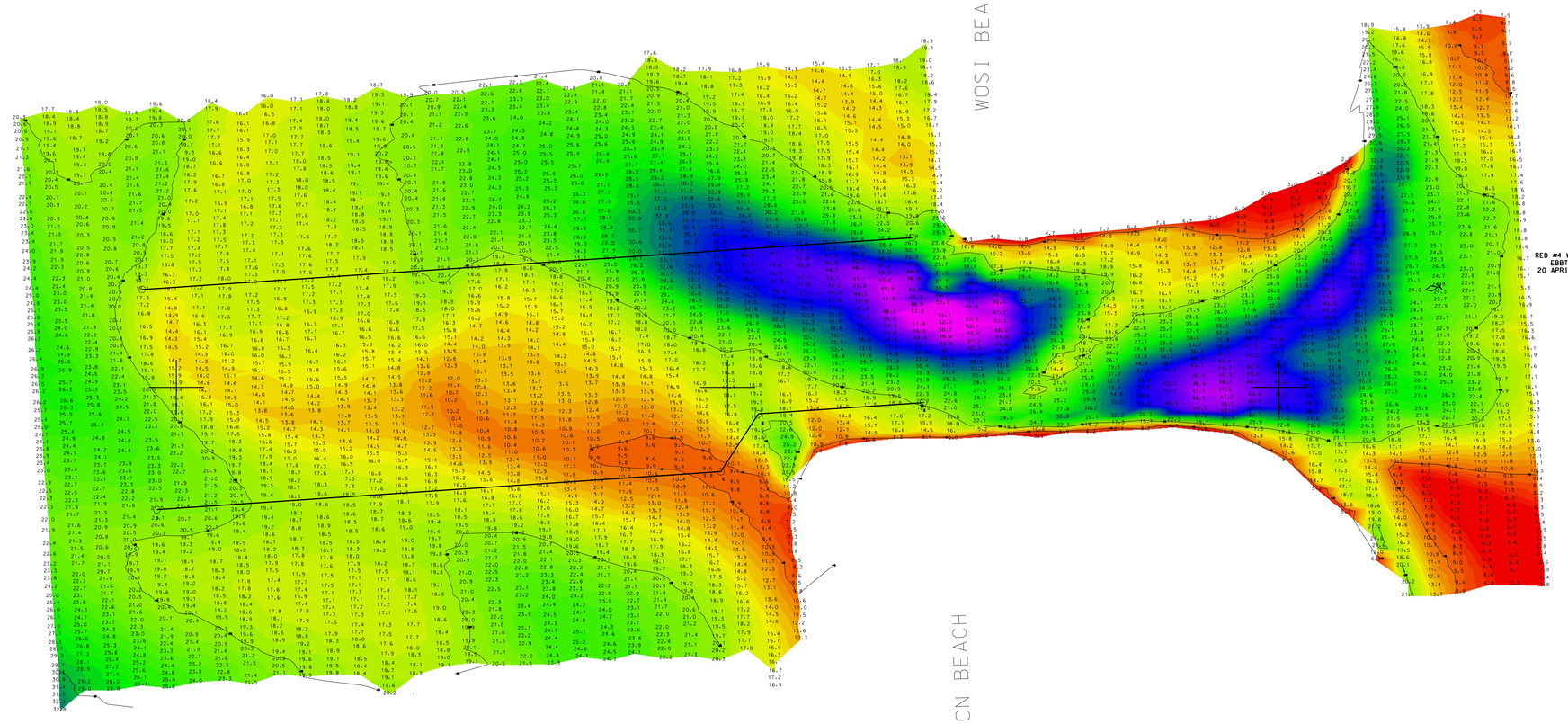
CORPS OF ENGINEERS

U. S. ARMY

NY LI LAMBERT NAD 83/2011

N 246.000 | N 248.000 | N 250.000

E 1.404.000 | E 1.406.000 | E 1.408.000



PROJECT SPECIFIC NOTES:

1. COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983/2011. NEW YORK. LONG ISLAND LAMBERT US SURVEY FEET.
2. 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.
3. THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
4. SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
5. MEAN LOWER LOW WATER IS 1.9 - 2.1 FEET BELOW NAVD 88 AS DETERMINED USING VDATUM (VER. 2.1).
6. SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 25' RADIUS WITH CHANNEL PRIORITRY USING THE FULL DATA SET.
7. CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET. PROJECT DEPTH IS 20 FEET.
8. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
9. THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
10. THIS SURVEY WAS PERFORMED USING LOCAL CONTROL ESTABLISHED BY THE CORPS OF ENGINEERS.
11. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
12. THE SURVEY WAS CONDUCTED BY MCKIM & CREED USING THE FOLLOWING:
    SURVEY VESSELS: SV SOUNDS DEEP
    ECHOSOUNDER: SINGLE BEAM ODOM CVM 200KHZ.
    NAVIGATION SYSTEMS: TRIMBLE GNSS SPS 855 & SPS 554. IN REAL TIME KINEMATIC (RTK)MODE.
    SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2015
    SURVEY PROCESSING SOFTWARE: HYPACK SINGLE BEAM EDITOR VERSION 2016A
    CTD CAST WERE TAKEN DURING ACQUISITION FOR ACCURATE SPEED OF SOUND PROFILES USING AN AML OCEANOGRAPHIC SOUND VELOCITY PROBE.
13. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY MCKIM & CREED ON APRIL 20, 2017 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. BECAUSE THESE CONDITIONS ARE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS. A PRUDENT MARINER SHOULD NOT RELY EXCLUSIVELY ON THE INFORMATION PROVIDED HERE. REUSE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY TO MCKIM & CREED.
14. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
15. THIS MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC.
16. REPRODUCTION OR COPYING OF THIS DOCUMENT MAY BE A VIOLATION OF COPYRIGHT LAW UNLESS PERMISSION OF THE AUTHOR AND/OR COPYRIGHT HOLDER IS OBTAINED.
17. A COPY OF THIS DOCUMENT WITHOUT A PROPER APPLICATION OF THE SURVEYOR'S EMBOSSED OR RED ELECTRONIC SEAL SHOULD BE ASSUMED TO BE AN UNAUTHORIZED COPY.

NSRS/NGS CONTROL DATA			
BENCHMARK: 851 2354F	PID# BBDG81	NORTHING	EASTING
ELEVATION: 2.90' NAVD 88		250,001.74	1,405,099.57
STAMPED: 2354 F 2013			

LOCAL CONTROL DATA			
BENCHMARK: USCG NY 2	PID# BBDC31	NORTHING	EASTING
ELEVATION: 5.39' NAVD 88		252,665.51	1,398,268.31
STAMPED: USCG NY 2 2013			

SCALE : 1" = 200'

0 200 400 600 800

STATE OF NEW YORK
RAYMOND B. DWIRER
049350
LICENSED LAND SURVEYOR

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

MCKIM&CREED
243 NORTH FRONT STREET
WILMINGTON, NORTH CAROLINA 28401
TELEPHONE: (910) 251-1104
FAX: (910) 251-8282

DATES OF SURVEY: APRIL 20, 2017

FILE NO.: 59
REQUEST NO.: 4585

SCALE: ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: RAYMOND B. DWIRER — LICENSED SURVEYOR
APPROVED: R. SMITH — PROJECT MANAGER
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: F. POSTLOI LONE — CHIEF, OPS SURVEY BRANCH
DATE: MAY 17, 2017

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

HYDROGRAPHIC SURVEY OF SHINNECOCK INLET
NEW YORK

VH-101

SHEET 1 OF 1

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