



LAKE MONTAUK HARBOR CHANNEL AND BASIN COORDINATES		
STATE PLANE, NAD83 3104 - NEW YORK LONG ISLAND, US SURVEY FEET		
12 FOOT PROJECT DEPTH (CHANNEL)		
POINT	NORTHING (Y)	EASTING (X)
1	336861.592	1554392.782
9	337440.569	1553201.755
7	337172.565	1552871.746
6	339322.567	1552499.723
4	337848.478	1553007.788
2	337584.354	1553290.211
8	336996.486	1554458.365
3	339357.575	1553201.755
10' PROJECT DEPTH (BASIN)		
POINT	NORTHING (Y)	EASTING (X)
10	337215.708	1553664.313
11	337177.754	1553381.023
12	336522.280	1553013.029
13	336732.558	1552672.753
14	337326.033	1553040.748
5	337601.718	1553041.572
9	337440.569	1553201.755
DEPOSITION BASIN IS A 50 FOOT OFFSET FROM GIVEN CHANNEL LINES		

NSRS CONTROL DATA	
BENCHMARK: OVERLOOK (PID: LW0875)	ELEVATION: 104.57 NAVD 88
LOCAL CONTROL DATA	
BENCHMARK: 851 0448 A (PID: BB0880)	ELEVATION: 6.88' NAVD 88
SCALE: 1" = 100'	
0 100 200 300 400	

- NOTES:
1. GRID SYSTEM IS IN FEET AND IS THE NEW YORK LONG ISLAND STATE PLANE COORDINATE SYSTEM, NAD83.
 2. DEPTHS ARE IN FEET AND ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW).
 3. THE PLANE OF MEAN LOWER LOW WATER (MLLW) IS 1.5 FEET BELOW NAVD 88. THIS VALUE WAS DETERMINED USING NOAA'S DATUM MODEL (VERSION 3.9).
 4. CHANNEL LINES ARE APPROXIMATE AND WERE PROVIDED BY THE NEW YORK CORPS OF ENGINEERS.
 5. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE NEW YORK STATE GIS CLEARINGHOUSE (NYS GIS).
 6. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
 7. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET.
 8. THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
 9. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
 10. THE TOPOGRAPHIC DATA ON THIS MAP MEET EM 1110-1-1005 ACCURACY STANDARDS.
 11. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING:
SURVEY VESSEL: R/V ECHO
ECHOSOUNDERS: RESON SEABAT 8125, ODOM ECHOTRAC MK II
TOPOGRAPHIC ACQUISITION: TRIMBLE R8 WITH TS3 DATA COLLECTOR
NAVIGATION SYSTEM: APPLANIX PDS MV IN REAL TIME KINEMATIC (RTK) MODE
SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018
SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018
 12. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 25-30 MARCH 2020 AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. 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 OSI.