

11.2								12.3	12.3		
11.3	11.3			11.1	11.7	11.9	13.0	14.5	14.5	11.9	12.1
	11.6	11.2		11.3	11.7		12.6			11.6	12.1
11.4	11.5	11.5	11.1		11.6		12.3	13.8			11.9
11.5	11.6	11.6			11.2	12.0	12.3	12.9			11.6
11.4	11.3	11.4				11.5	12.6	12.1			
11.3							12.5	11.2			
							11.7				

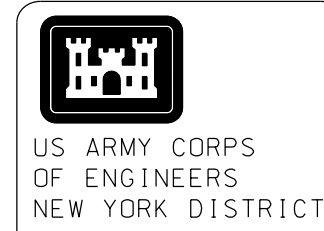
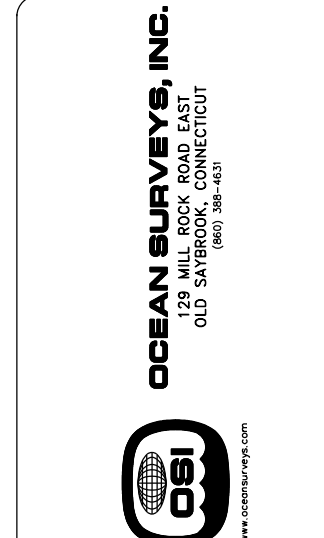


Table with 2 columns: Date, Description. Includes dates like 10-12-JUNE-2019.



DATES OF SURVEY: 10-12-JUNE-2019  
REQUEST NO.: 4829

SCALE: ONE INCH = 50 FEET  
FIELD BOOKS:

APPROVED: [Signatures]  
DATE: 2 JULY 2019

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

NEW YORK  
GLEN COVE CREEK  
CONDITION SURVEY

VH-102  
SHEET 2 OF 3

GLEN COVE, NEW YORK

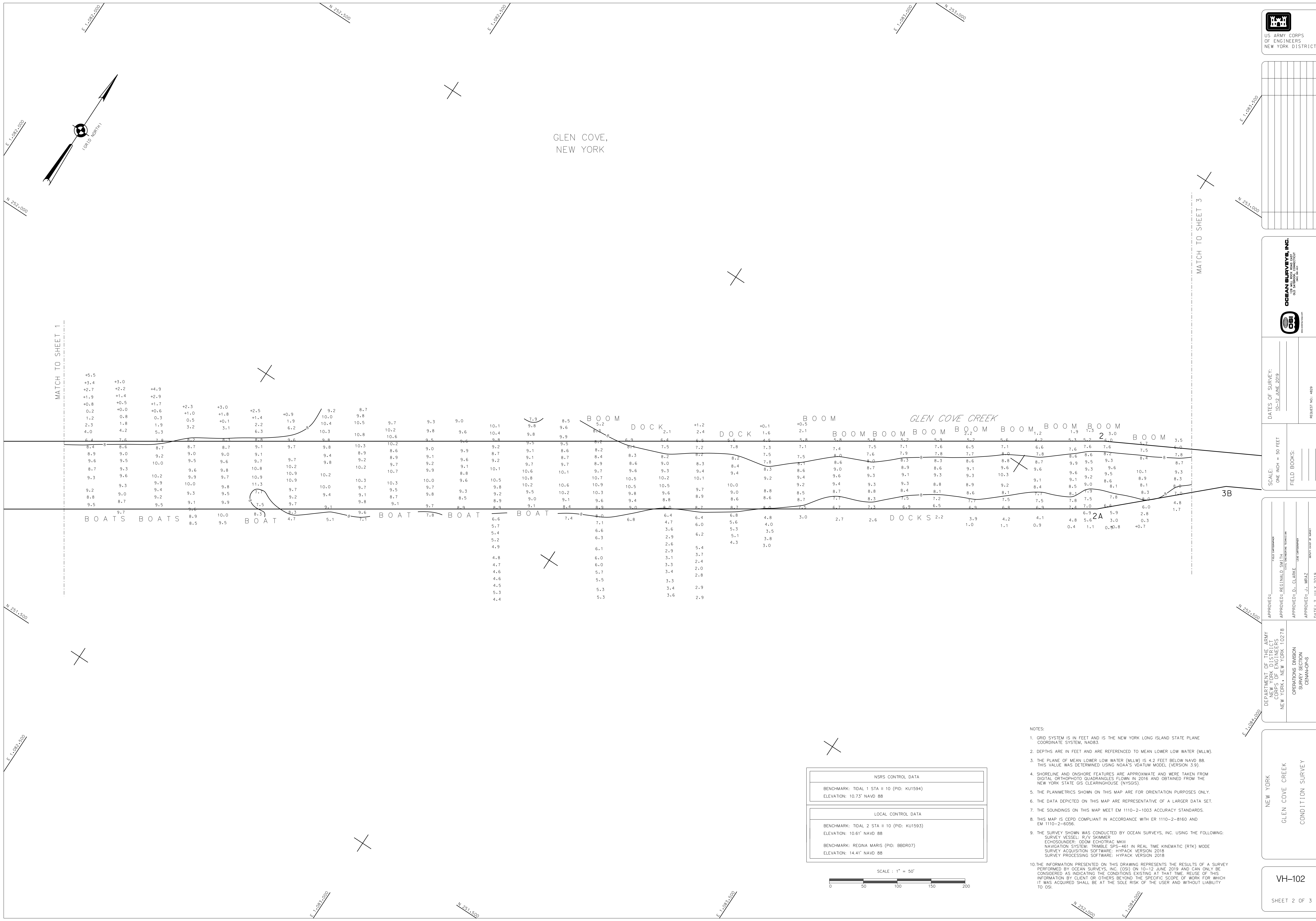
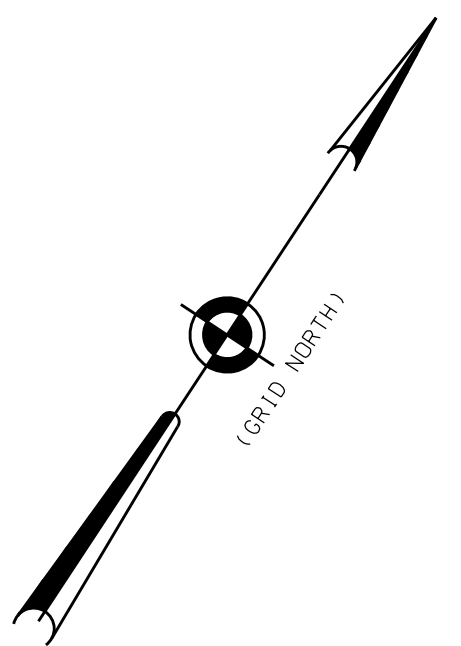
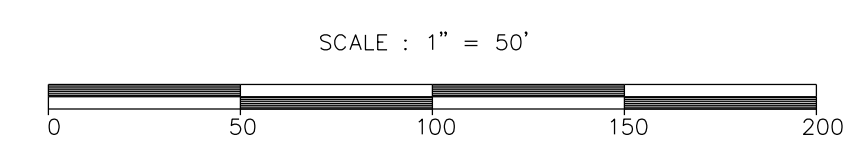
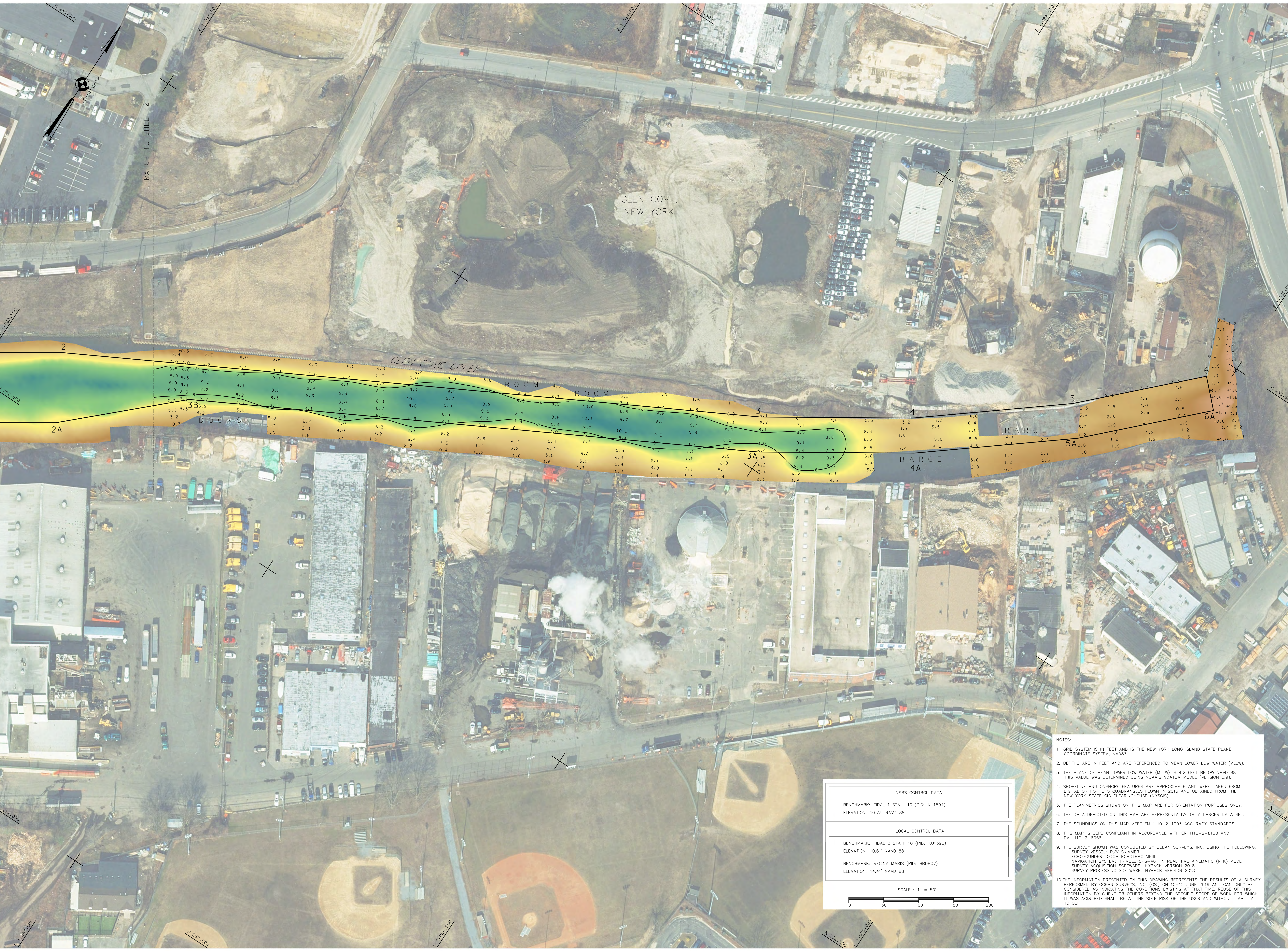
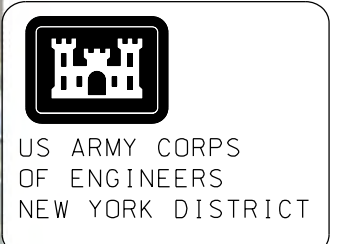


Table with 2 sections: NSRS CONTROL DATA and LOCAL CONTROL DATA. Lists benchmark names and elevations.



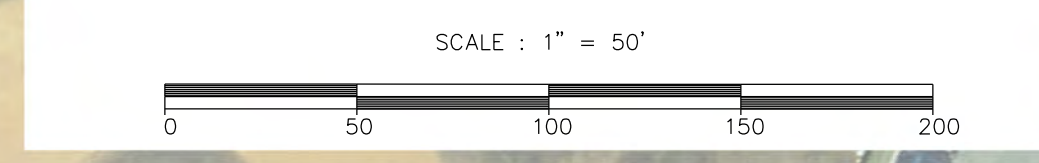
- NOTES:
1. GRID SYSTEM IS IN FEET AND IS THE NEW YORK LONG ISLAND STATE PLANE COORDINATE SYSTEM, NAD83.
2. DEPTHS ARE IN FEET AND ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW).
3. THE PLANE OF MEAN LOWER LOW WATER (MLLW) IS 4.2 FEET BELOW NAVD 88.
4. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2016 AND OBTAINED FROM THE NEW YORK STATE GIS CLEARINGHOUSE (NYSOS).
5. THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
6. THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET.
7. THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
8. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
9. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: SURVEY VESSEL: R/V SKIMMER; ECHOSOUNDER: ODOM ECHOTRAC MKIII; NAVIGATION SYSTEM: TRIMBLE SPS-461 IN REAL TIME KINEMATIC (RTK) MODE; SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018; SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018.
10. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 10-12-JUNE-2019 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.



GLEN COVE,  
NEW YORK

GLEN COVE CREEK  
ROOM BOOM

NSRS CONTROL DATA	
BENCHMARK: TIDAL 1 STA II 10 (PID: KU1594)	
ELEVATION: 10.73' NAVD 88	
LOCAL CONTROL DATA	
BENCHMARK: TIDAL 2 STA II 10 (PID: KU1593)	
ELEVATION: 10.61' NAVD 88	
BENCHMARK: REGINA MARIS (PID: BB0R07)	
ELEVATION: 14.41' NAVD 88	



- NOTES:
- GRID SYSTEM IS IN FEET AND IS THE NEW YORK LONG ISLAND STATE PLANE COORDINATE SYSTEM, NAD83.
  - DEPTHS ARE IN FEET AND ARE REFERENCED TO MEAN LOWER LOW WATER (MLLW).
  - THE PLANE OF MEAN LOWER LOW WATER (MLLW) IS 4.2 FEET BELOW NAVD 88. THIS VALUE WAS DETERMINED USING NOAA'S VDATUM MODEL (VERSION 3.9).
  - 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 (NYSGIS).
  - THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
  - THE DATA DEPICTED ON THIS MAP ARE REPRESENTATIVE OF A LARGER DATA SET.
  - THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
  - THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-8056.
  - THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING: SURVEY VESSEL: R/V SKIMMER; ECHOSOUNDER: ODOM ECHOTRAC MKII; NAVIGATION SYSTEM: TRIMBLE SP5-461 IN REAL TIME KINEMATIC (RTK) MODE; SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2018; SURVEY PROCESSING SOFTWARE: HYPACK VERSION 2018.
  - THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 10-12 JUNE 2019 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.


**OCEAN SURVEYS, INC.**  
OLD BARTON, CONNECTICUT

SCALE:	ONE INCH = 50 FEET
DATES OF SURVEY:	10-12 JUNE 2019
FIELD BOOKS:	
REQUEST NO.:	4829

APPROVED:	<small>TEST COMMENT</small>
APPROVED:	REGINALD SMITH <small>SENIOR SURVEYING ENGINEER</small>
APPROVED:	D. ELBAK <small>LAB MANAGER</small>
APPROVED:	J. WEAZ <small>SENIOR SURVEY ENGINEER</small>
DATE:	2 JULY 2019

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

OPERATIONS DIVISION  
 SURVEY SECTION  
 CEVAW-OPS

NEW YORK  
 GLEN COVE CREEK  
 CONDITION SURVEY