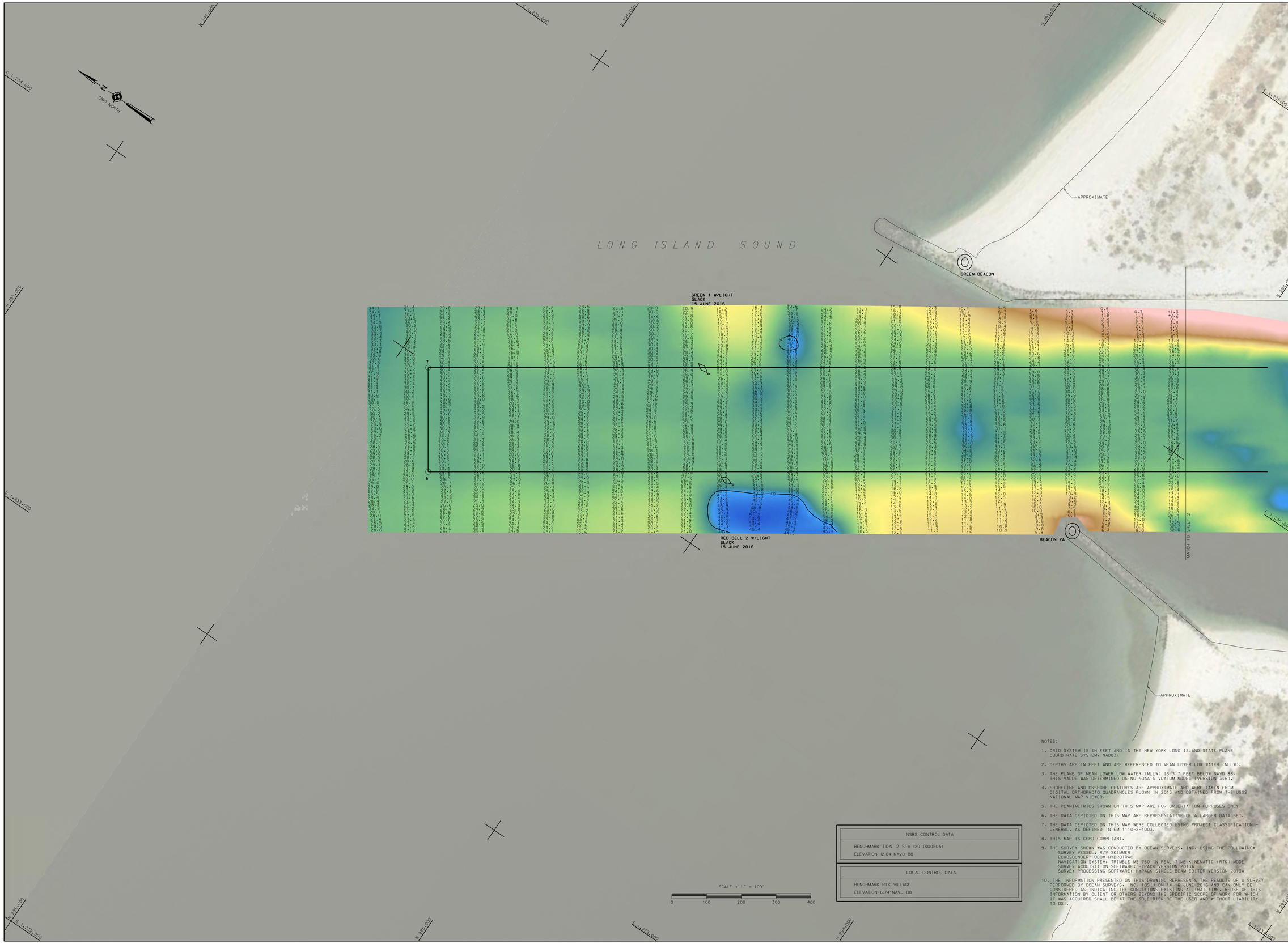


NOTES:

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 3.7 FEET BELOW NAVD 88. THIS VALUE WAS DETERMINED USING NOAA'S VDATUM MODEL (VERSION 3.6).
4. SHORELINE AND ONSHORE FEATURES ARE APPROXIMATE AND WERE TAKEN FROM DIGITAL ORTHOPHOTO QUADRANGLES FLOWN IN 2013 AND OBTAINED FROM THE USGS NATIONAL MAP VIEWER.
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 DATA DEPICTED ON THIS MAP WERE COLLECTED USING PROJECT CLASSIFICATION – GENERAL, AS DEFINED IN EM 1110-2-1003.
8. THIS MAP IS CEPD COMPLIANT.
9. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING:
   SURVEY VESSEL: R/V SKIMMER
   ECHOSOUNDER: ODOM HYDROTRAC
   NAVIGATION SYSTEM: TRIMBLE MS 750 IN REAL TIME KINEMATIC (RTK) MODE
   SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2013A
   SURVEY PROCESSING SOFTWARE: HYPACK SINGLE BEAM EDITOR VERSION 2013A
10. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF A SURVEY PERFORMED BY OCEAN SURVEYS, INC. (OSI) ON 14-16 JUNE 2016 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.

NSRS CONTROL DATA
BENCHMARK: TIDAL 2 STA #20 (KU0505)
ELEVATION: 12.64' NAVD 88

LOCAL CONTROL DATA
BENCHMARK: RTK VILLAGE
ELEVATION: 6.74' NAVD 88

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

OCEAN SURVEYS, INC.
MARINE SURVEYS
645 SARGENT, CONNECTICUT
06611
www.oceansurveys.com

DATES OF SURVEY:
14-16 JUNE 2016

FILE NO.: 12
REQUEST NO.: 4487

SCALE:
1 INCH = 100 FEET

FIELD BOOKS:

APPROVED: FIELD CARTOGRAPHER
APPROVED: REGINALD SMITH PROJECT MANAGER
APPROVED: D. CLARKE CHIEF, SURVEY & CARTOGRAPHY
APPROVED: J. MERAZ SENIOR CHIEF OF SURVEY
DATE: 28 JUNE 2016

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

PORT JEFFERSON HARBOR
NEW YORK

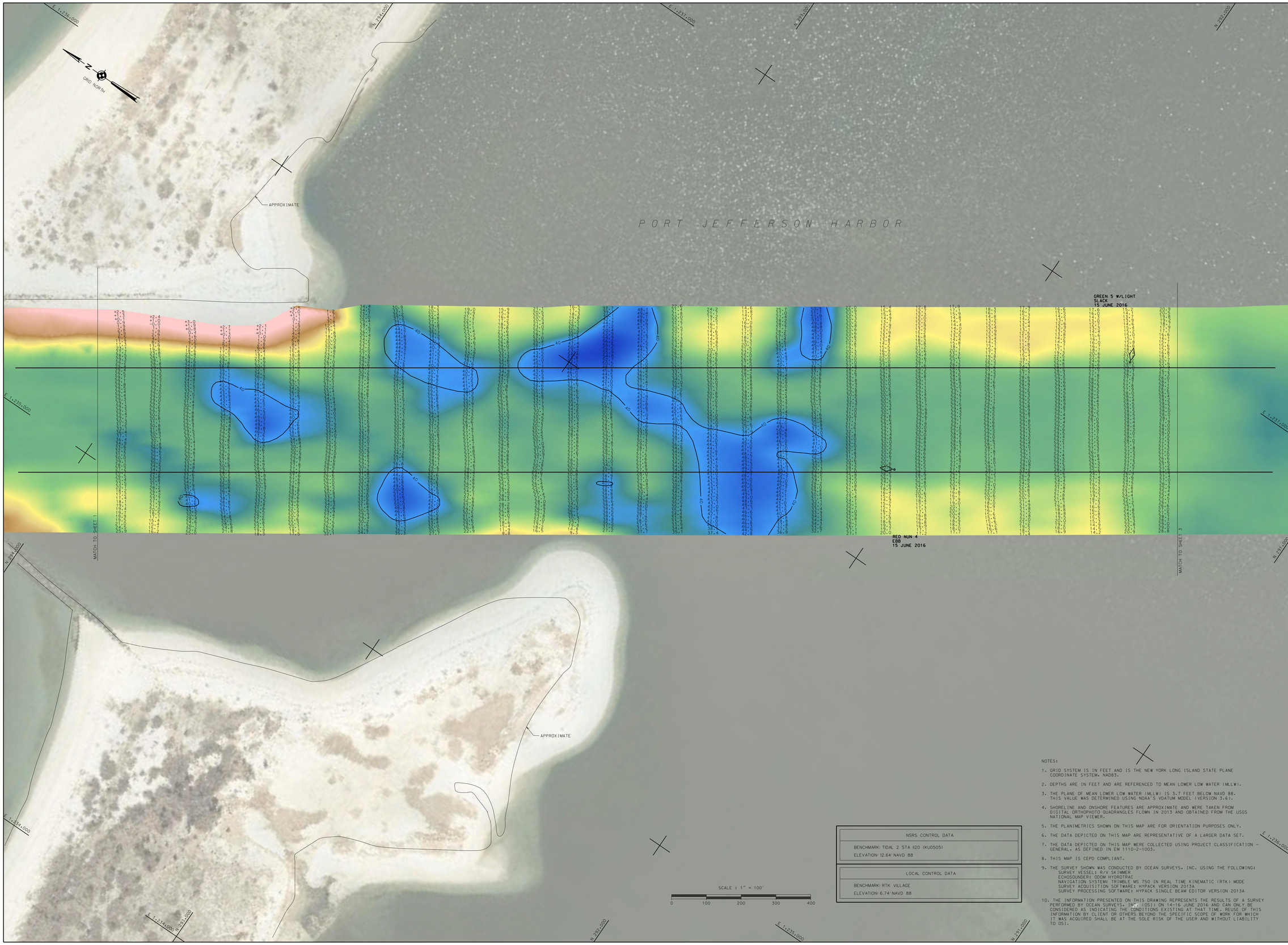
CONDITION SURVEY

VH-101

SHEET 1 OF 4

CORPS OF ENGINEERS

U. S. ARMY



NSRS CONTROL DATA

BENCHMARK: TIDAL 2 STA #20 (KU0505)
ELEVATION: 12.64' NAVD 88

LOCAL CONTROL DATA

BENCHMARK: RTK VILLAGE
ELEVATION: 6.74' NAVD 88

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

OCEAN SURVEYS, INC.
A DIVISION OF OSI
645 SARGENT, CONNECTICUT
06611
www.oceansurveys.com

DATES OF SURVEY:
14-16 JUNE 2016

FILE NO.: 12
REQUEST NO.: 4487

SCALE:
1 INCH = 100 FEET

FIELD BOOKS:

APPROVED: FIELD CARTOGRAPHER
APPROVED: REGINALD SMITH PROJECT MANAGER
APPROVED: D. CLARKE QUALITY CONTROL Cartographer
APPROVED: J. MERAZ AGENCY CHIEF OF SURVEY
DATE: 28 JUNE 2016

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

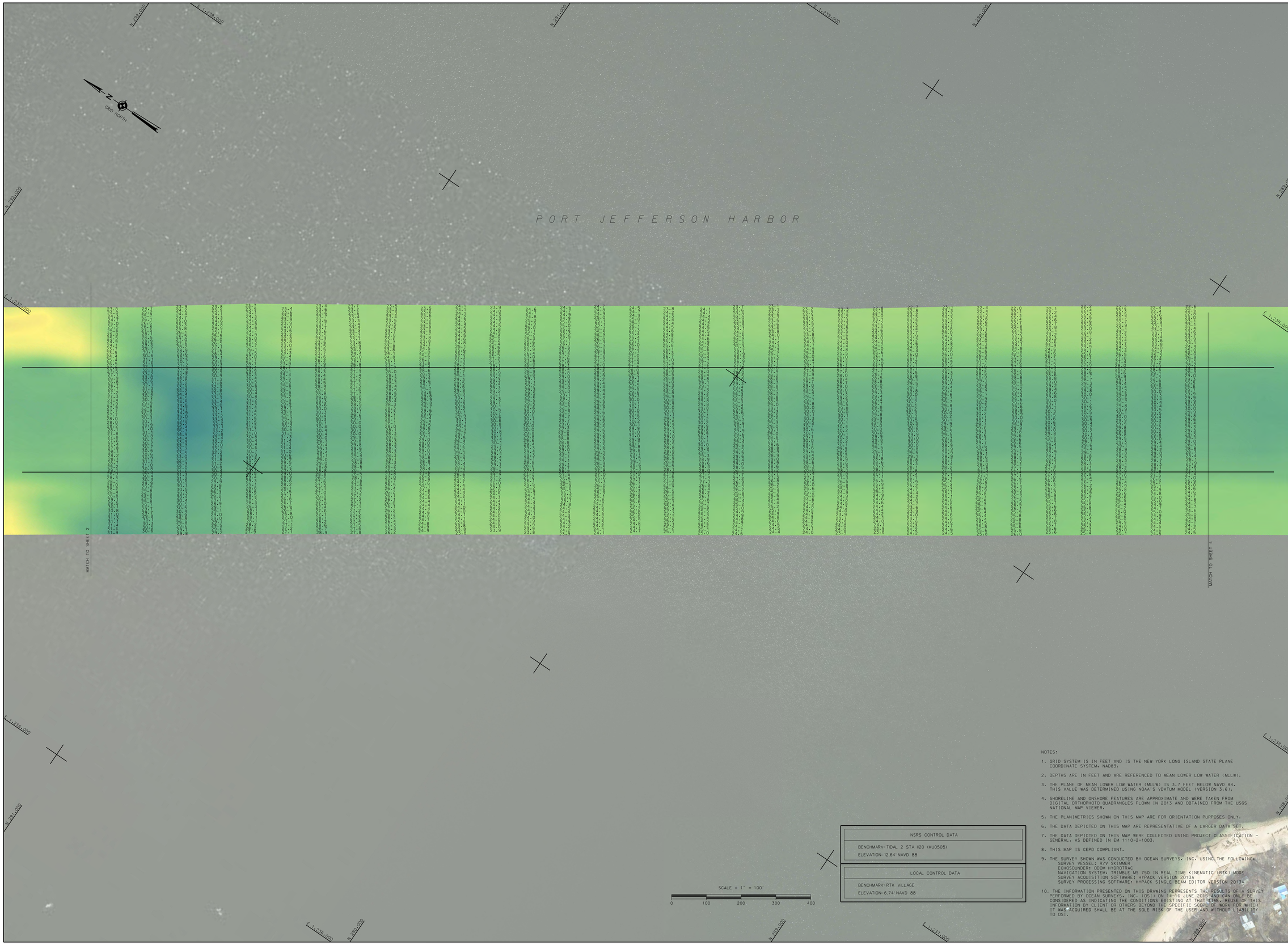
PORT JEFFERSON HARBOR
NEW YORK

CONDITION SURVEY

VH-102

SHEET 2 OF 4

FILE NO.: 12
REQ NO.: 4487



NSRS CONTROL DATA
BENCHMARK: TIDAL 2 STA #20 (KU0505)
ELEVATION: 12.64' NAVD 88

LOCAL CONTROL DATA
BENCHMARK: RTK VILLAGE
ELEVATION: 6.74' NAVD 88

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9. THE SURVEY SHOWN WAS CONDUCTED BY OCEAN SURVEYS, INC. USING THE FOLLOWING:
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   ECHOSOUNDER: CODM HYDROTRAC
   NAVIGATION SYSTEM: TRIMBLE MS 750 IN REAL TIME KINEMATIC (RTK) MODE
   SURVEY ACQUISITION SOFTWARE: HYPACK VERSION 2013A
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040 SARGENT, CONNECTICUT
06611
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DATES OF SURVEY:
14-16 JUNE 2016

FILE NO.: 12
REQUEST NO.: 4487

SCALE:
1 INCH = 100 FEET

FIELD BOOKS:

APPROVED: FIELD CARTOGRAPHER
APPROVED: REGINALD SMITH PROJECT MANAGER
APPROVED: D. CLARKE CHIEF, SURVEY & CARTOGRAPHY
APPROVED: J. MRAZ SENIOR CHIEF OF SURVEY
DATE: 28 JUNE 2016

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

PORT JEFFERSON HARBOR
NEW YORK

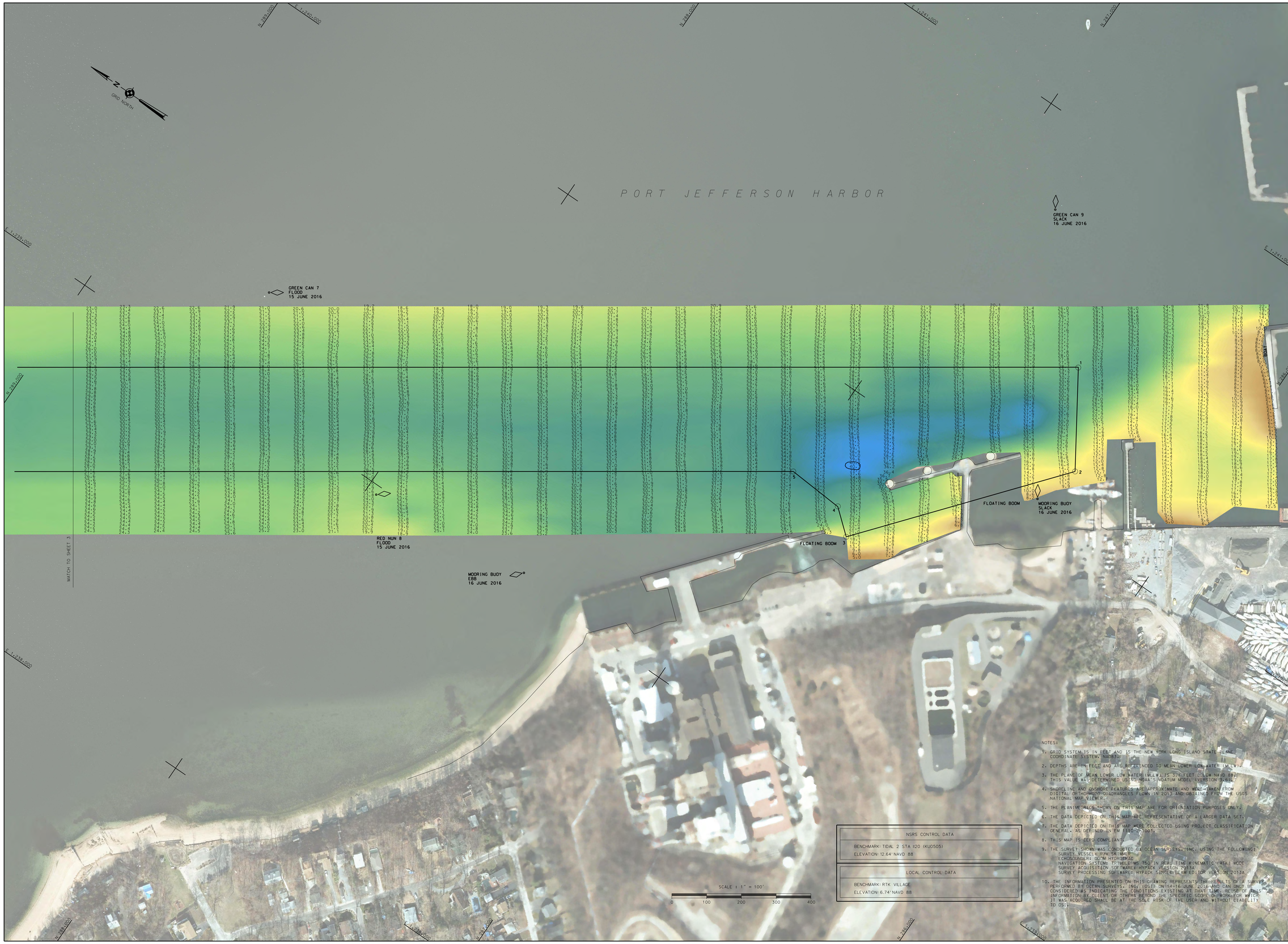
CONDITION SURVEY

VH-103

SHEET 3 OF 4

CORPS OF ENGINEERS

U. S. ARMY



NSRS CONTROL DATA
BENCHMARK: TIDAL 2 STA I20 (KU0505)
ELEVATION: 12.64' NAVD 88

LOCAL CONTROL DATA
BENCHMARK: RTK VILLAGE
ELEVATION: 6.74' NAVD 88

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DATES OF SURVEY:
14-16 JUNE 2016

FILE NO.: 12
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SCALE:
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FIELD BOOKS:

APPROVED: FIELD CARTOGRAPHER
APPROVED: REGINALD SMITH, PROJECT MANAGER
APPROVED: D. CLARKE, QUALITY CONTROL/ASSURANCE
APPROVED: J. MBAZ, DEPUTY CHIEF OF SURVEY
DATE: 28 JUNE 2016

DEPARTMENT OF THE ARMY
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OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

PORT JEFFERSON HARBOR
NEW YORK
CONDITION SURVEY

VH-104

SHEET 4 OF 4

FILE NO.: 12
REQ NO.: 4487