N 204,000

N 205,000

N 206,000

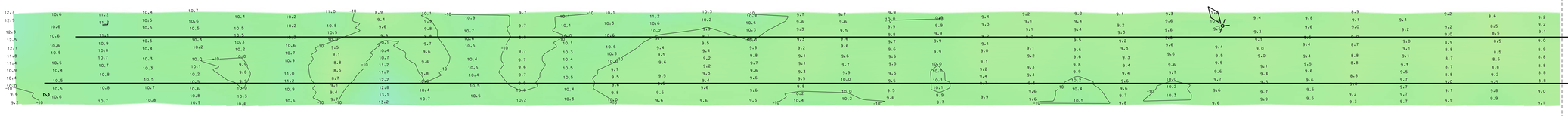
N 207,000

GRID NORTH

PATCHOGUE BAY

E 1,256,000

E 1,257,000



MATCH TO SHEET 2

PATCHOGUE BAY

4715 PROJECT
METADATA

NSRS CONTROL	
BENCHMARK:	Z-37 (KU0520)
ELEVATION:	20.70' (NAVD88)

LOCAL CONTROL	
BENCHMARK:	RTK PATCHOGUE
ELEVATION:	5.38' (NAVD88)

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 SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
- 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).
- MLLW WAS DETERMINED USING VDATUM (VER. 3.5).
- MEAN LOWER LOW WATER IS 0.7 FEET BELOW NAVD88.
- THE DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.
- SOUNDINGS WERE SORTED TO A 15' INTERVAL USING THE COMPLETE DATA SET.
- 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.
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "RTK PATCHOGUE".
- THIS MAP IS CERD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DS	PR		
DS	MP		

DATES OF SURVEY:
26x27 JUNE; 2 JULY, 2018

FILE NO.: 100
REQUEST NO.: 4715

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 10 JULY 2018

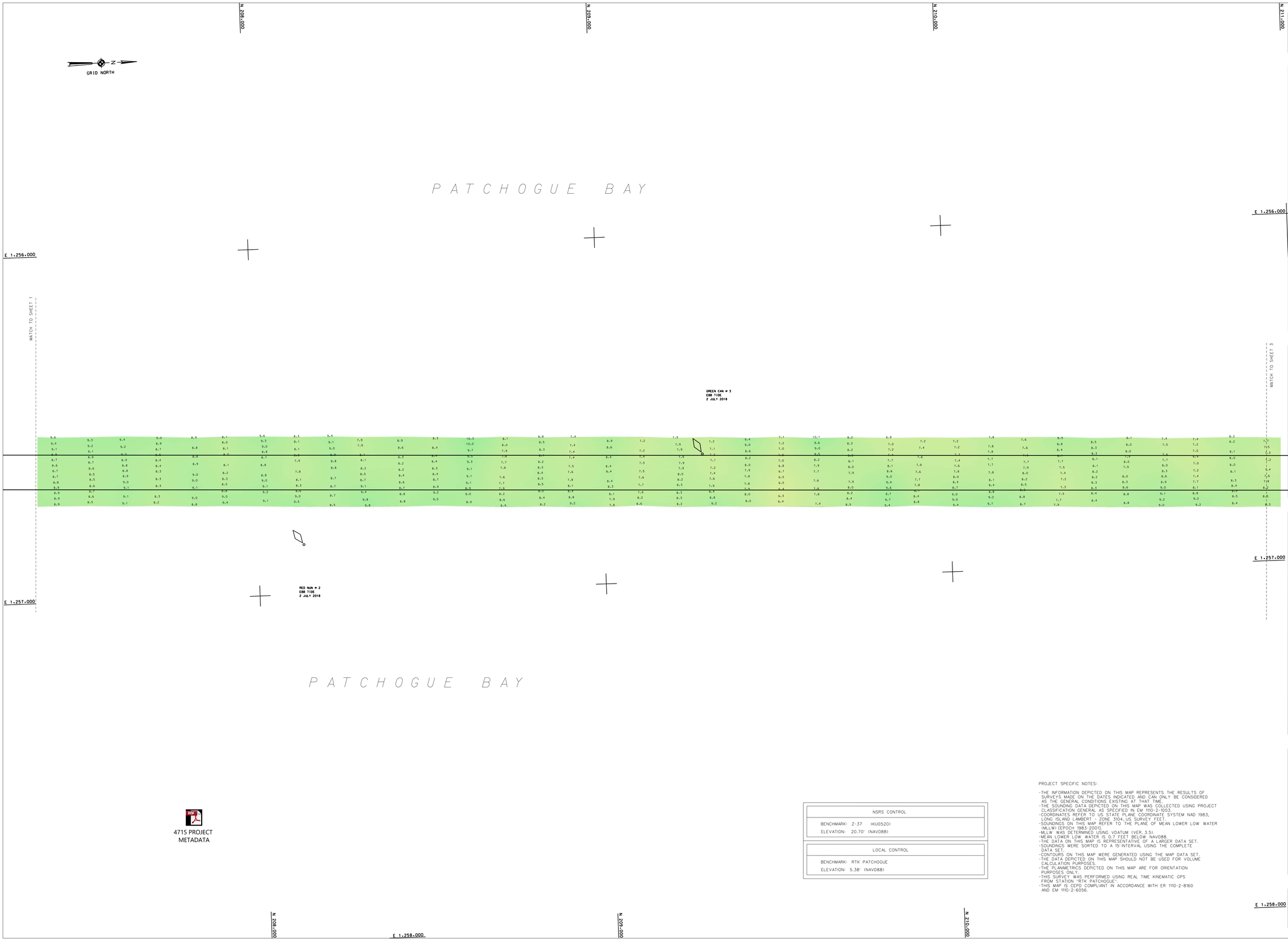
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

GREAT SOUTH BAY, NEW YORK
PATCHOGUE RIVER
CONDITION SURVEY

VH-101

SHEET 1 OF 4



4715 PROJECT METADATA

NSRS CONTROL	
BENCHMARK:	Z-37 (KU0520)
ELEVATION:	20.70' (NAVD88)

LOCAL CONTROL	
BENCHMARK:	RTK PATCHOGUE
ELEVATION:	5.38' (NAVD88)

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- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

05	PR		
05	MP		

DATES OF SURVEY:
26x, 27 JUNE & 2 JULY 2018

FILE NO.: 100
REQUEST NO.: 4715

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
DNA 10

APPROVED: M. APPELO
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CHIEF CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 10 JULY 2018

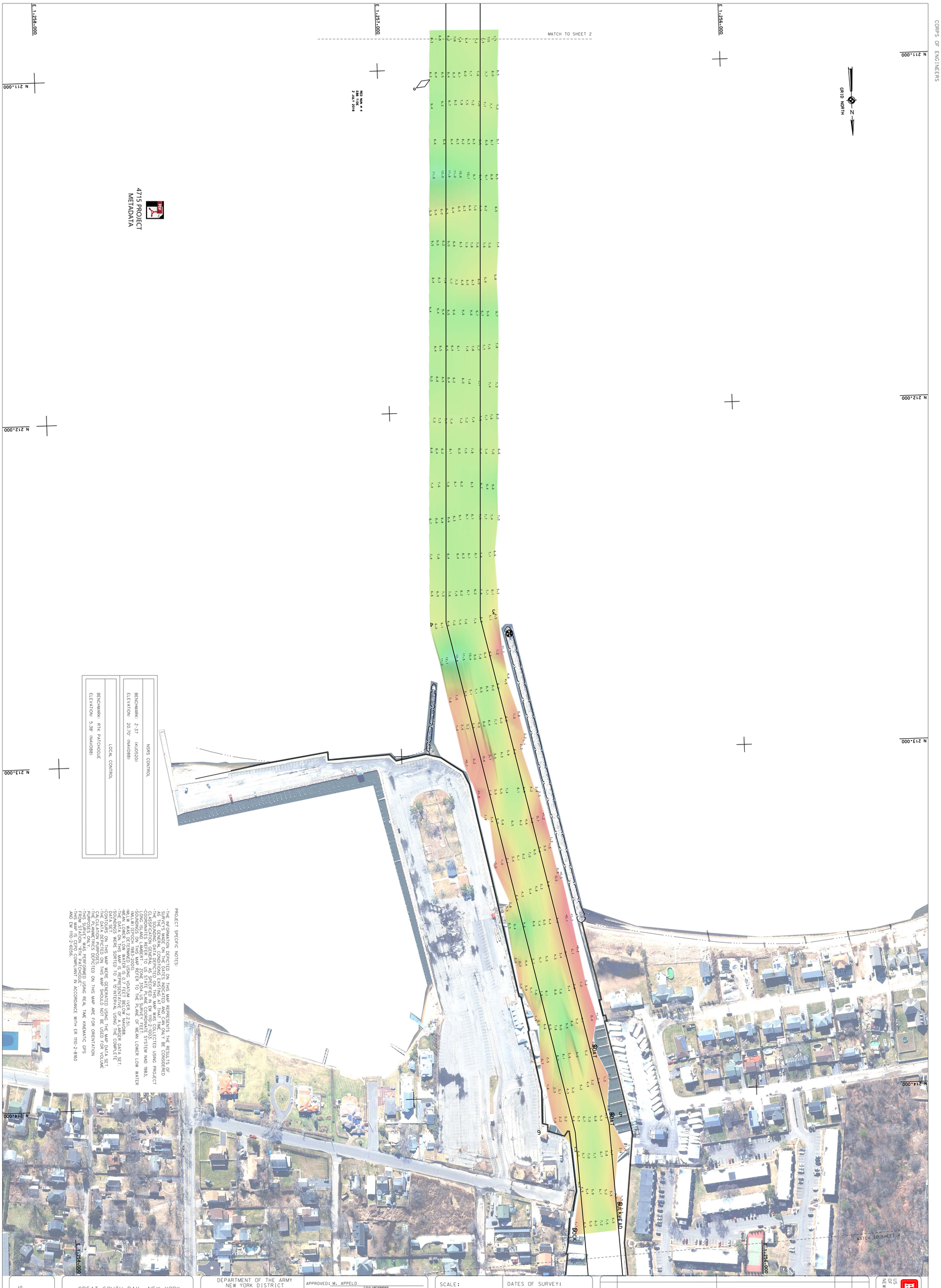
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

GREAT SOUTH BAY, NEW YORK
PATCHOGUE RIVER
CONDITION SURVEY

VH–102

SHEET 2 OF 4



NSRS CONTROL
BENCHMARK: Z-37 (KU0520)
ELEVATION: 20.70' (NAVD88)

LOCAL CONTROL
BENCHMARK: RTK PATCHOGUE
ELEVATION: 5.38' (NAVD88)

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CORPS OF ENGINEERS

U. S. ARMY

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DS	PR
DS	MP

DATES OF SURVEY: 6,7 JUNE; 2 JULY 2018

FILE NO.: 100
REQUEST NO.: 4715

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: DNA 10

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 10 JULY 2018

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

GREAT SOUTH BAY, NEW YORK
PATCHOGUE RIVER
CONDITION SURVEY

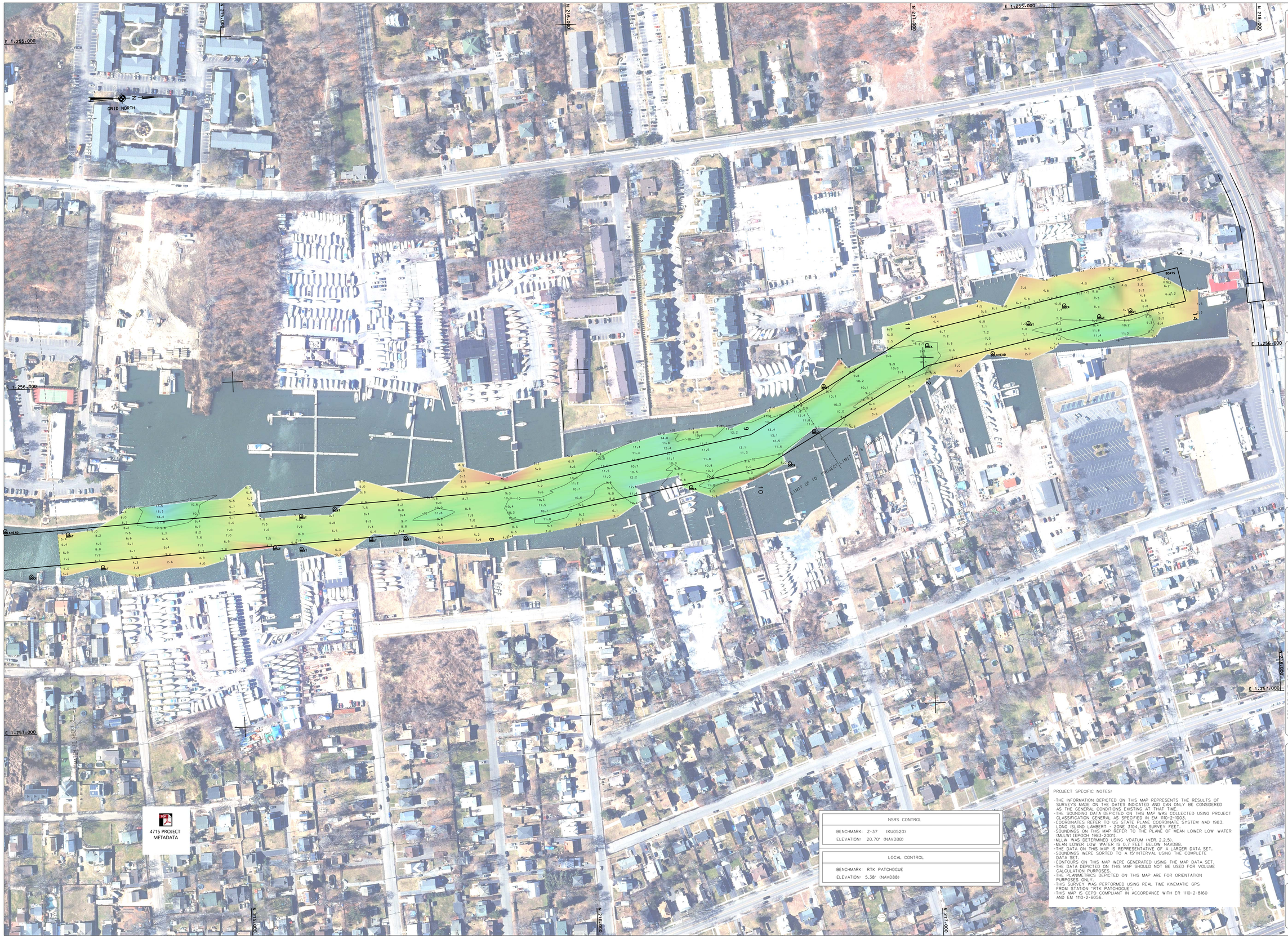
VH-103

SHEET 3 OF 4

FILE NO. 100
REQ NO. 4715

CORPS OF ENGINEERS

U. S. ARMY



NSRS CONTROL	
BENCHMARK:	Z-37 (KU0520)
ELEVATION:	20.70' (NAVD88)

LOCAL CONTROL	
BENCHMARK:	RTK PATCHOGUE
ELEVATION:	5.38' (NAVD88)

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DS	PR	
DS	MP	

DATES OF SURVEY: 6, 7 JUNE; 2 JUNE 2018

FILE NO.: 100
REQUEST NO.: 4715

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: DNA 10

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
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OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

GREAT SOUTH BAY, NEW YORK
PATCHOGUE RIVER
CONDITION SURVEY

VH-104

SHEET 4 OF 4

FILE NO.100
REQ NO. 4715