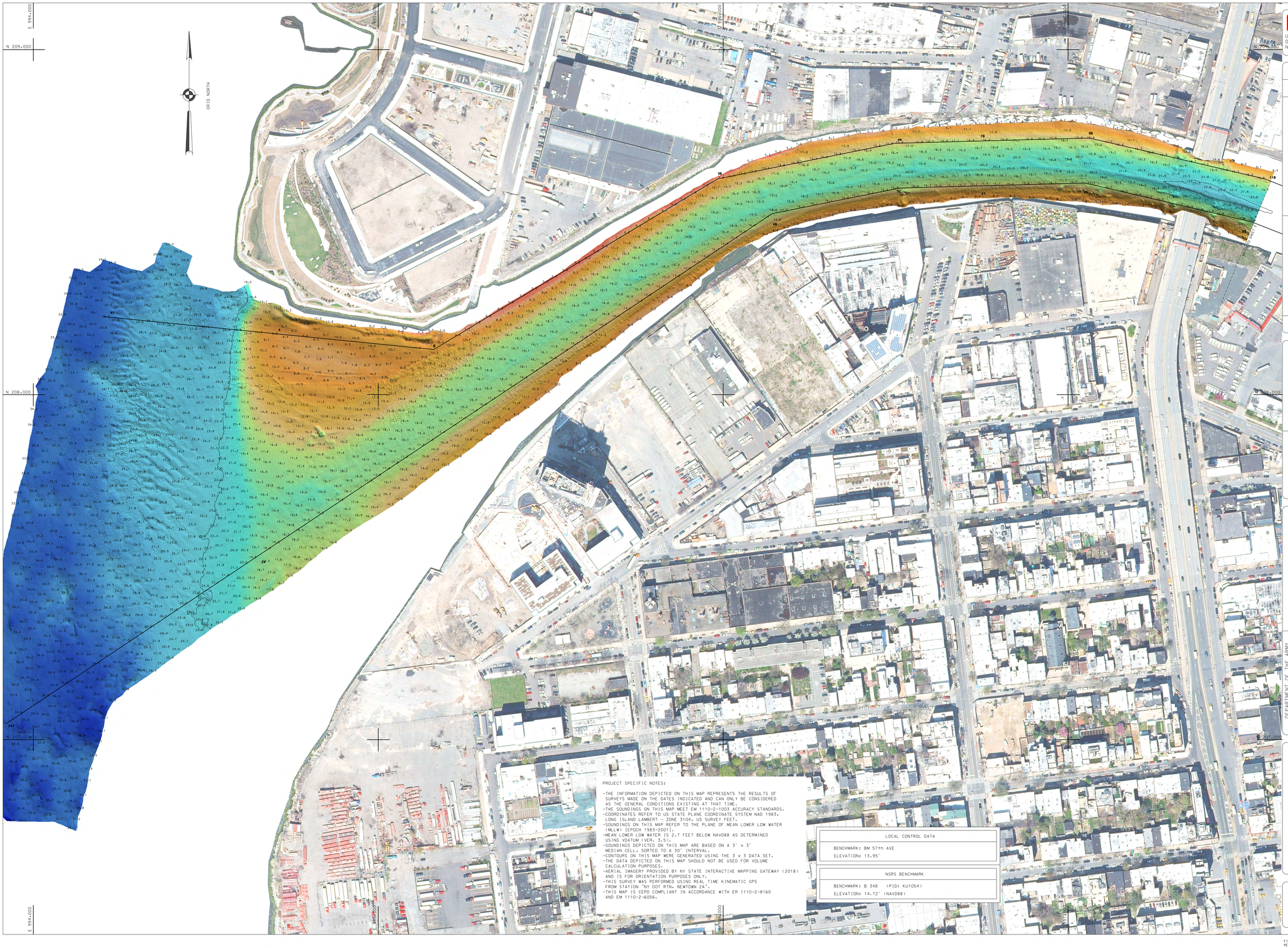
CORPS OF ENGINEERS

U. S. ARMY



US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

		CSG	PR
		JE	MP

DATES OF SURVEY:
28 APRIL 2017
14-16,20 MAY 2019

FILE NO.:181
REQUEST NO.: 4836/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. MASELKEY
CHIEF CARTOGRAPHER

APPROVED: M. FORTE
CHIEF ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CHIEF CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEYS

DATE: 28 MAY 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-HS

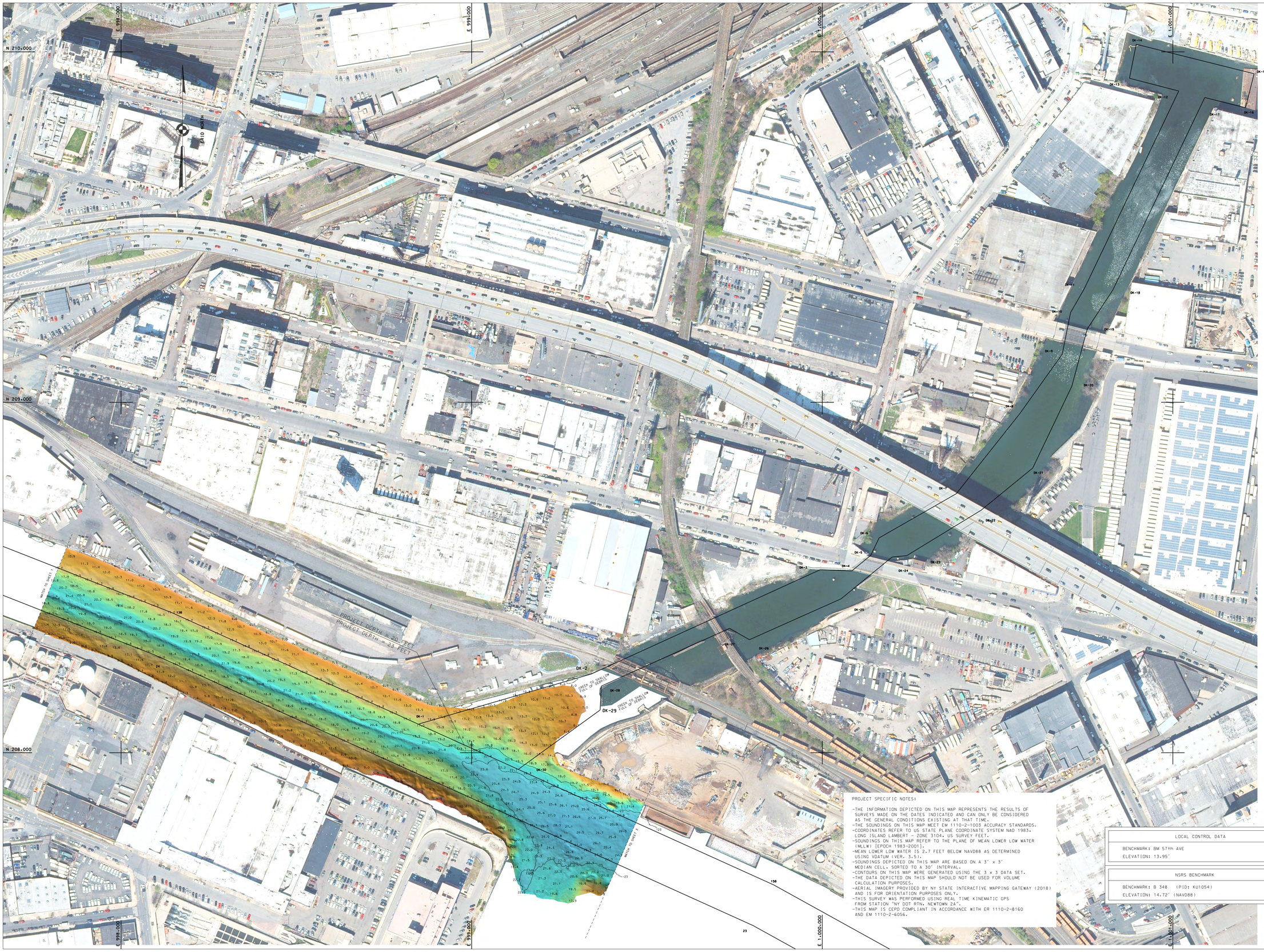
NEWTOWN CREEK, NEW YORK

CONDITION SURVEY

VH-101

SHEET 1 OF 7

FILE NO.:181
REQ NO.: 4836/N3



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 SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- 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].
- MEAN LOWER LOW WATER IS 2.7 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.5).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL. SORTED TO A 30' INTERVAL.
- CONTOURS ON THIS MAP WERE GENERATED USING THE 3 x 3 DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NY STATE INTERACTIVE MAPPING GATEWAY (2018) AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NY DOT RTN. NEWTOWN ZA".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

LOCAL CONTROL DATA
BENCHMARK: BM 57th AVE
ELEVATION: 13.95'

NSRS BENCHMARK
BENCHMARK: B 348 (PID: KU1054)
ELEVATION: 14.72' (NAVD88)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PDR	ESD	
CHP	JE	

DATES OF SURVEY:
26 APRIL 2019
14-16,20 MAY 2019

FILE NO.: 81
REQUEST NO.: 4836/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. MacELVEY, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE, CHIEF CARTOGRAPHER
APPROVED: J. MRAZ, DEPUTY CHIEF OF SURVEYS
DATE: 28 MAY 2019

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

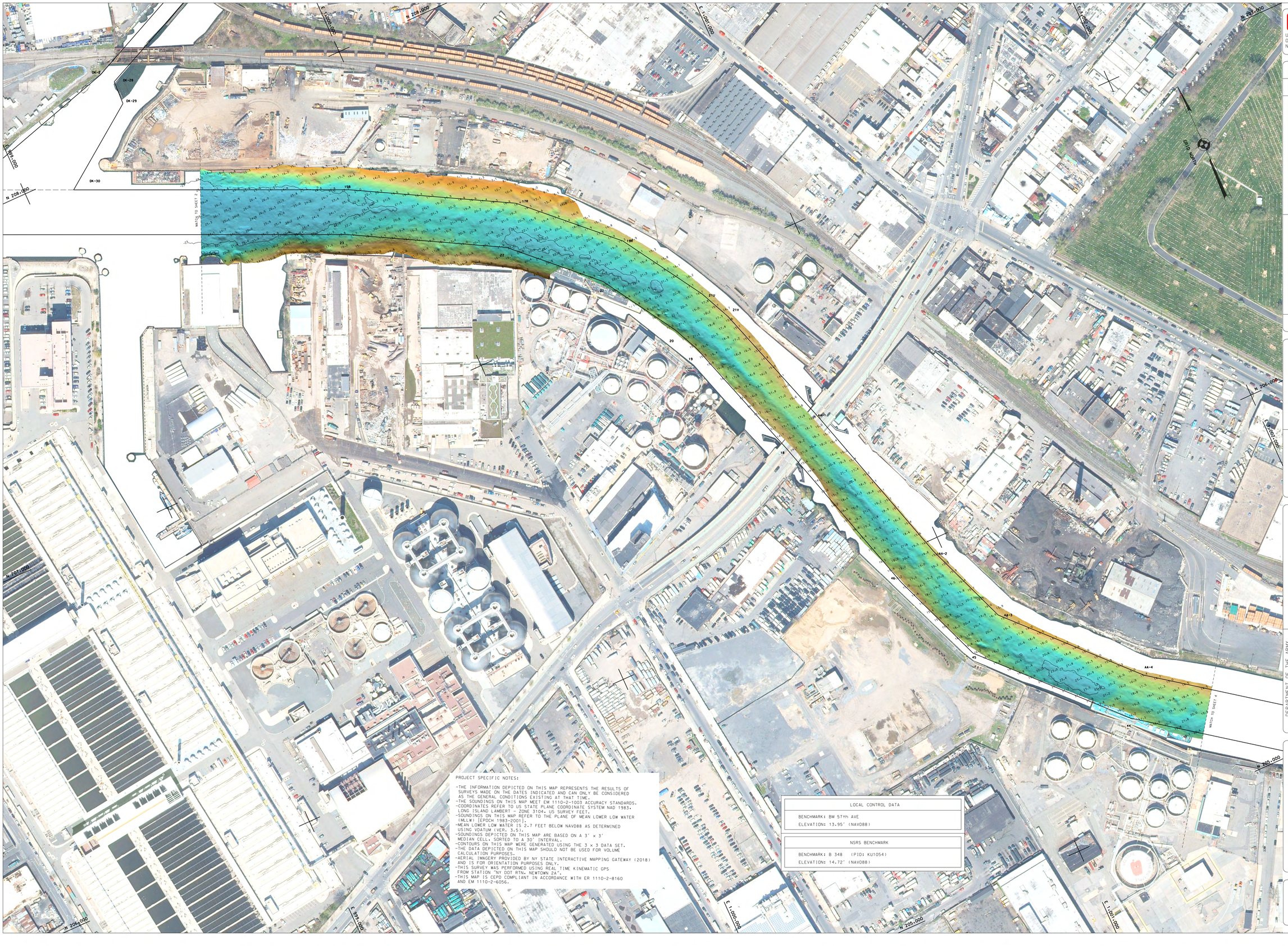
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWTOWN CREEK, NEW YORK

CONDITION SURVEY

VH-102

SHEET 2 OF 7



PROJECT SPECIFIC NOTES:

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- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
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- AERIAL IMAGERY PROVIDED BY NY STATE INTERACTIVE MAPPING GATEWAY (2018) AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NY DOT RTN, NEWTOWN 2A".
- THIS MAP IS CERD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

LOCAL CONTROL DATA
BENCHMARK: BM 57th AVE
ELEVATION: 13.95' (NAVD88)

NSRS BENCHMARK
BENCHMARK: B 348 (PID: KU1054)
ELEVATION: 14.72' (NAVD88)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	ESD	PR
	JE	MP

DATES OF SURVEY:
26 APRIL 2019
14-16,20 MAY 2019

FILE NO.:181
REQUEST No.: 4836/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. McKELVEY — CHIEF, OPERATIONS DIVISION
APPROVED: M. FERTE — CHIEF, ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF, SURVEYS
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEYS
DATE: 28 MAY 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWTOWN CREEK, NEW YORK

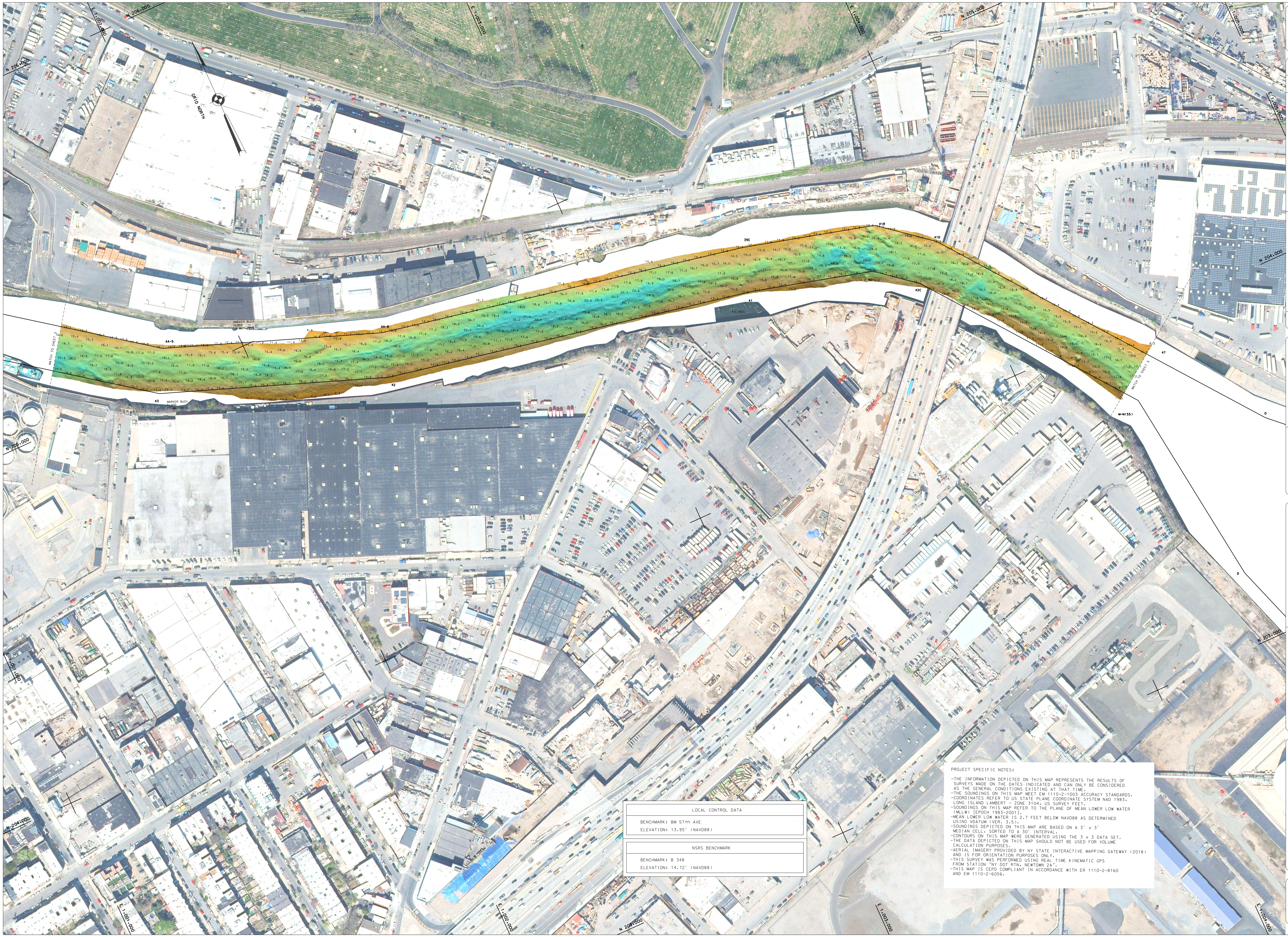
CONDITION SURVEY

VH-103

SHEET 3 OF 7

CORPS OF ENGINEERS

U. S. ARMY



LOCAL CONTROL DATA

BENCHMARK: BM 57th AVE
ELEVATION: 13.95' (NAVD88)

NSRS BENCHMARK

BENCHMARK: B 348
ELEVATION: 14.72' (NAVD88)

PROJECT SPECIFIC NOTES:

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- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
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- AERIAL IMAGERY PROVIDED BY NY STATE INTERACTIVE MAPPING GATEWAY (2018) AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NY DOT RTN, NEWTOWN 2A".
- 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

ESO	PR
JE	MP

DATES OF SURVEY:
26 APRIL 2019
14-16,20 MAY 2019

FILE NO.:81
REQUEST NO.: 4836/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. McKELVEY (FIELD CARTOGRAPHER)

APPROVED: M. FORTE (CIVIL ENGINEERING TECHNICIAN)

APPROVED: D. CLARKE (LEAD CARTOGRAPHER)

APPROVED: J. MRAZ (DEPUTY CHIEF OF SURVEYS)

DATE: 28 MAY 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWTOWN CREEK, NEW YORK

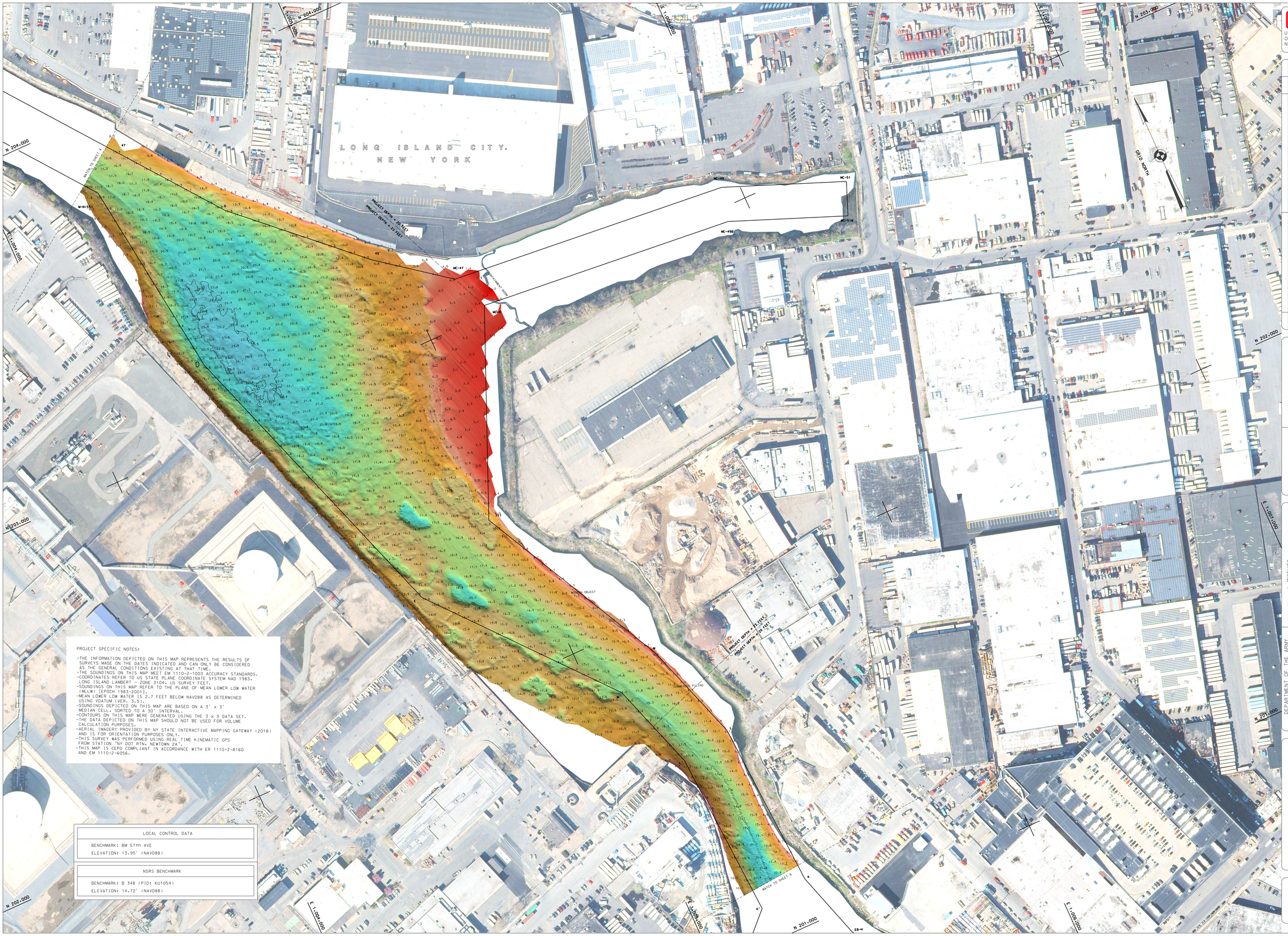
CONDITION SURVEY

VH-104

FILE NO.:81
REQ NO.: 4836/N3

CORPS OF ENGINEERS

U. S. ARMY



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

LOCAL CONTROL DATA
BENCHMARK: BM 57th AVE
ELEVATION: 13.95' (NAVD88)

NSRS BENCHMARK
BENCHMARK: B 348 (PID: KU1054)
ELEVATION: 14.72' (NAVD88)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

ESG PR
JC MP

DATES OF SURVEY:
26 APRIL 2019
14-16&20 MAY 2019

FILE NO:181
REQUEST NO.: 4836/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. MCKELVEY
(CIVIL ENGINEERING TECHNICIAN - FIELD CONFORMANCE)

APPROVED: M. FORTE
(CIVIL ENGINEERING TECHNICIAN)

APPROVED: D. CLARKE
(SUPERVISORY CIVIL ENGINEER - FIELD CONFORMANCE)

APPROVED: J. MRAZ
(DEPUTY CHIEF OF SURVEYS)

DATE:28 MAY 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

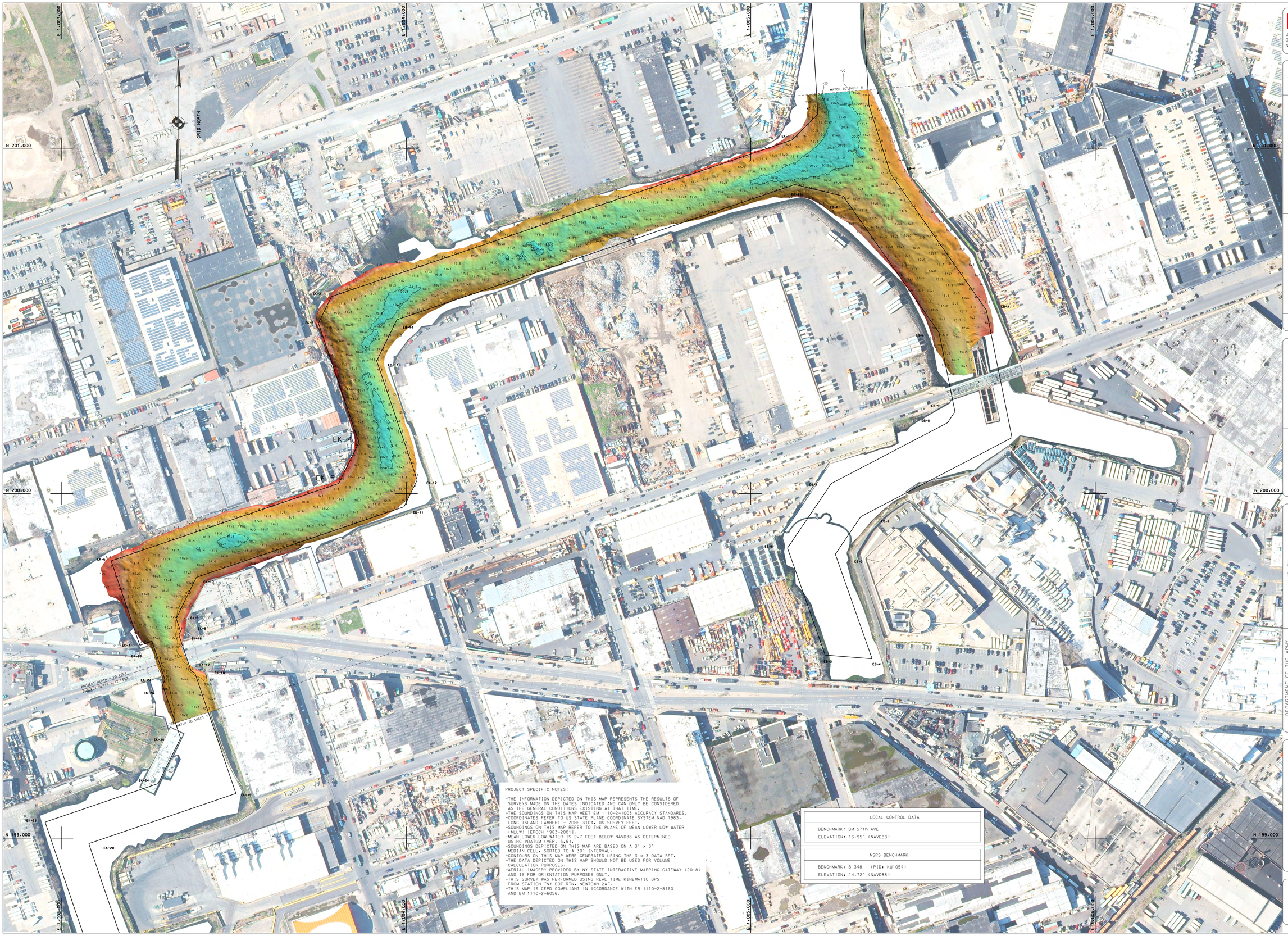
NEWTOWN CREEK, NEW YORK

CONDITION SURVEY

VH-105

SHEET 5 OF 7

FILE NO:181
REQ NO.: 4836/N3



PROJECT SPECIFIC NOTES:

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LOCAL CONTROL DATA
BENCHMARK: BM 57th AVE
ELEVATION: 13.95' (NAVD88)

NSRS BENCHMARK
BENCHMARK: B 348 (PID: KU1054)
ELEVATION: 14.72' (NAVD88)

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

		ESD	PR
		JC	MP

DATES OF SURVEY:
26 APRIL 2019
14-16,20 MAY 2019

FILE NO.:181
REQUEST NO.: 4836/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. MCKELVEY
CHIEF, OPERATIONS DIVISION, SURVEYING & MAPPING

APPROVED: M. FORTE
CHIEF, ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CHIEF, HYDROGRAPHIC

APPROVED: J. NAVAZ
DEPUTY CHIEF OF SURVEYS

DATE: 28 MAY 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWTOWN CREEK, NEW YORK

CONDITION SURVEY

VH-106

SHEET 6 OF 7

CORPS OF ENGINEERS

U. S. ARMY

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.
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-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION 'NY DOT RTN. NEWTOWN 2A'.
-THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

LOCAL CONTROL DATA
BENCHMARK: BM 57th AVE
ELEVATION: 13.95' (NAVD88)

NSRS BENCHMARK	
BENCHMARK: B 348	(PID: KU1054)
ELEVATION: 14.72'	(NAVD88)

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

ESG	PR	
JE	MP	

DATES OF SURVEY:
PRELIMINARY DATA
14-FEB,20 MAY 2019

FILE NO.:181
REQUEST NO.: 4836/N3

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. MCKELVEY
CHIEF, FIELD OPERATIONS

APPROVED: M. FORTE
CHIEF, ENGINEERING DIVISION

APPROVED: D. CLARKE
CHIEF, FIELD OPERATIONS

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEYS

DATE: 28 MAY 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWTOWN CREEK, NEW YORK

CONDITION SURVEY

VH-107

SHEET 7 OF 7

FILE NO.:181
REQ NO.: 4836/N3