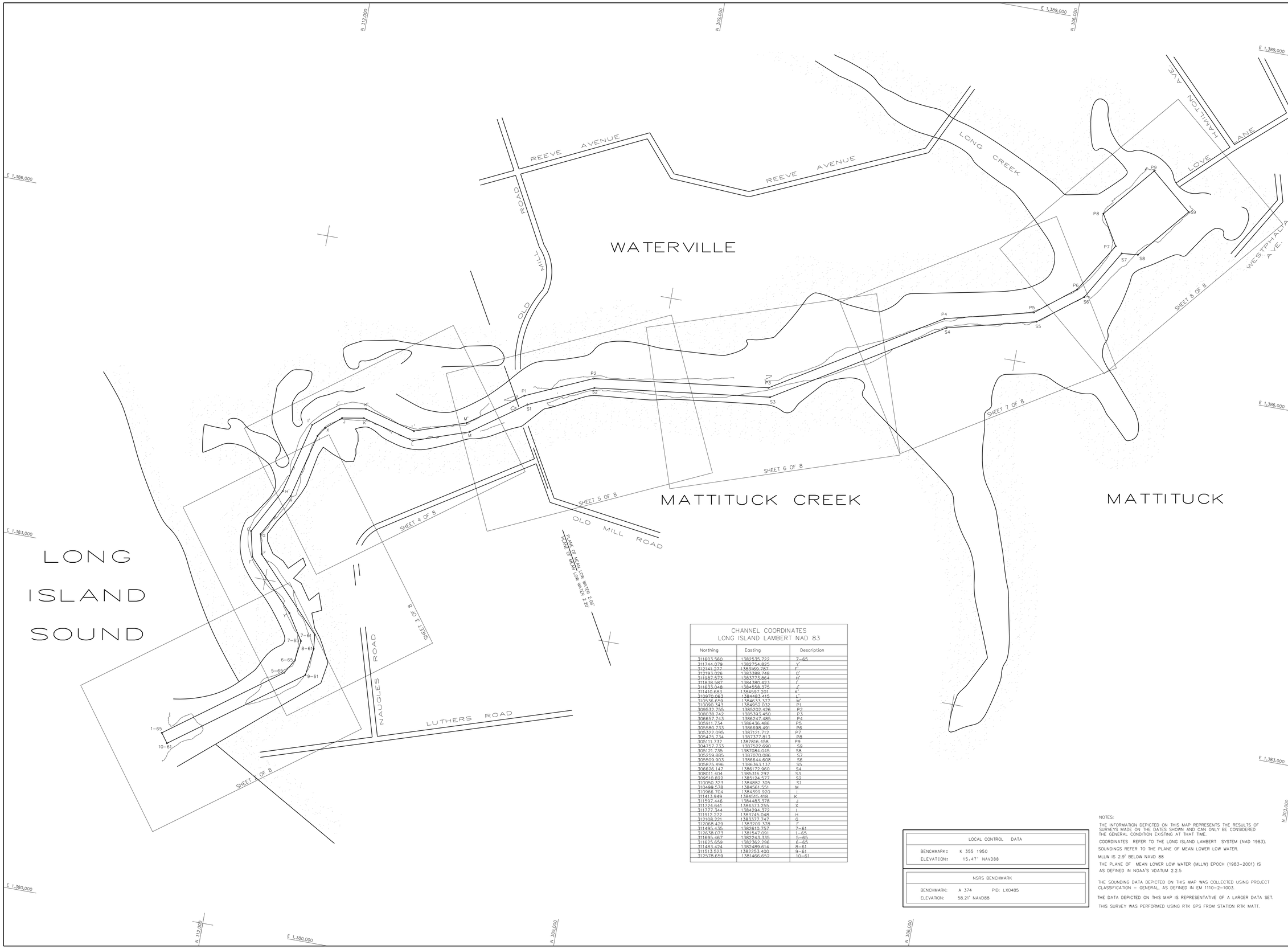
CORPS OF ENGINEERS

U. S. ARMY



CHANNEL COORDINATES LONG ISLAND LAMBERT NAD 83		
Northing	Easting	Description
311603.560	1382535.722	7-65
311744.079	1382754.825	V
312141.277	1383169.787	F'
312193.026	1383388.748	C'
311987.573	1383773.864	K'
311838.587	1384380.423	I'
311633.048	1384558.375	J'
311410.683	1384597.201	K'
310970.063	1384483.415	L
310636.659	1384633.377	M'
310090.343	1384952.032	P1
309532.755	1385202.426	P2
308038.742	1385393.450	P3
306657.743	1386247.485	P4
305911.734	1386436.486	P5
305580.733	1386698.491	P6
305322.095	1387121.712	P7
305475.714	1387377.813	P8
305111.732	1387816.458	P9
304757.733	1387522.690	S9
305121.735	1387084.045	S8
305259.885	1387070.086	S7
305509.903	1386644.608	S6
305875.496	1386163.137	S5
306626.147	1386172.960	S4
308011.404	1385316.292	S3
309510.822	1385124.577	S2
310050.323	1384882.305	S1
310499.578	1384561.551	M
310966.704	1384399.920	I
311413.949	1384515.418	K
311597.446	1384483.378	J
311724.641	1384373.255	X
311777.344	1384294.372	I
311912.272	1383745.048	H
312108.221	1383377.747	G
312068.429	1383209.378	F
311495.435	1382610.757	7-61
312638.073	1381547.091	1-65
311695.467	1382243.335	5-65
311625.659	1382362.296	6-65
311483.424	1382489.614	8-61
311313.523	1382253.400	9-61
312578.659	1381466.652	10-61

LOCAL CONTROL DATA	
BENCHMARK:	K 355 1950
ELEVATION:	15.47' NAVD88

NSRS BENCHMARK		
BENCHMARK:	A 374	PID: LX0485
ELEVATION:	58.21' NAVD88	

NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN AND CAN ONLY BE CONSIDERED THE GENERAL CONDITION EXISTING AT THAT TIME.

COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.

MLW IS 2.9' BELOW NAVD 88

THE PLANE OF MEAN LOWER LOW WATER (MLLW) EPOCH (1983-2001) IS AS DEFINED IN NOAA'S VDATUM 2.2.5

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION – GENERAL, AS DEFINED IN EM 1110-2-1003.

THE DATA DEPICTED ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK MATT.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 3,7,8,10, & 14 MAY 2012

FILE NO. 63
REQUEST NO. 3819A

SCALE: ONE INCH = 300 FEET

FIELD BOOKS: 15287, 15288

APPROVED: D. SWAIN, LICENSED SURVEYOR
APPROVED: M. FORTE, PROJECT MANAGER
APPROVED: J. MRAZ, PROJ. CHIEF
APPROVED: F. POSTIGLIONE, CHIEF OF SURVEYS
DATE: 18 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

MATTITUCK HARBOR

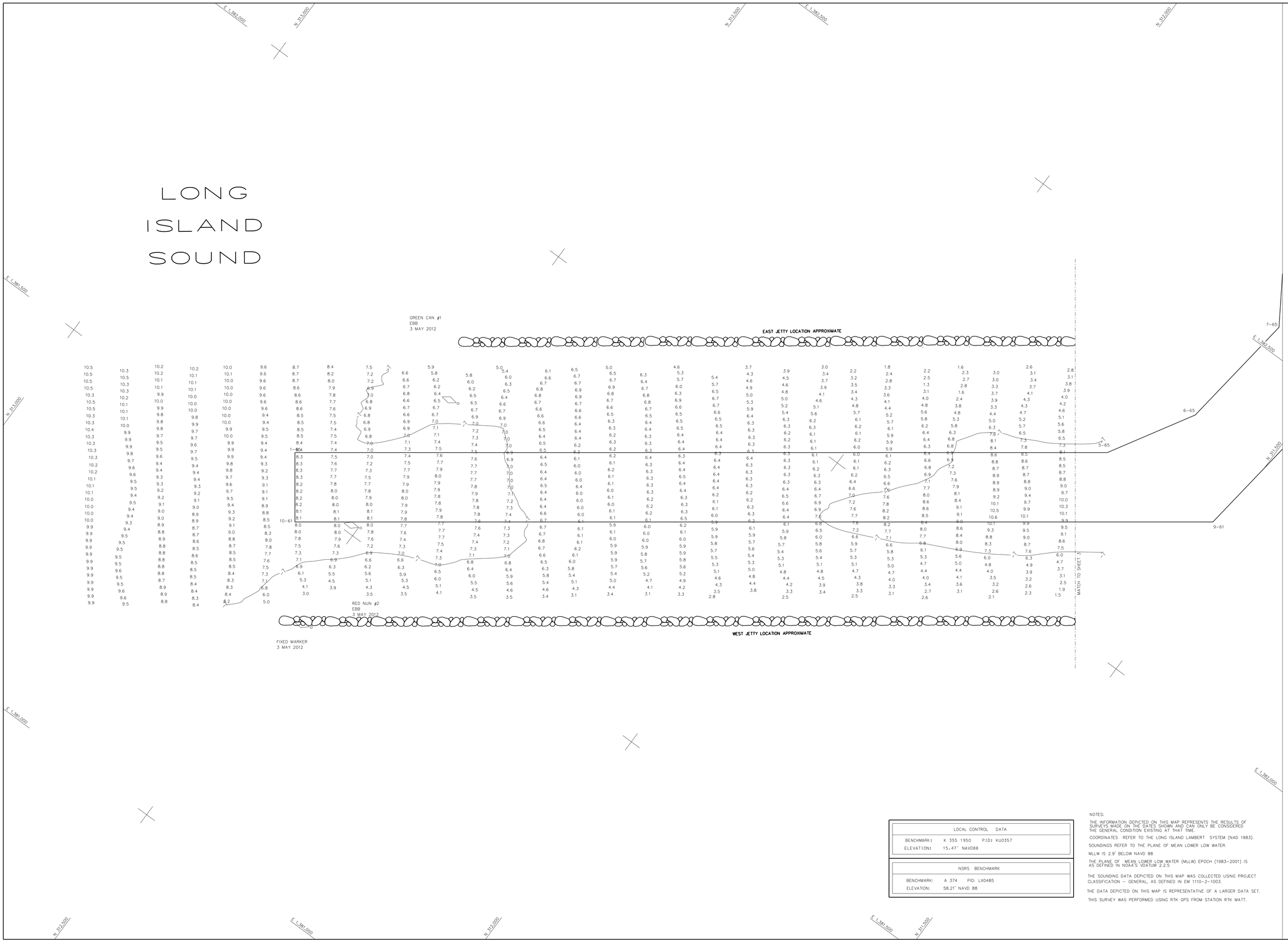
NEW YORK

CONDITION SURVEY

VH-101

SHEET 1 OF 8

63
3819A



LOCAL CONTROL DATA	
BENCHMARK:	K 355 1950 PID: KU0357
ELEVATION:	15.47' NAVD88

NSRS BENCHMARK	
BENCHMARK:	A 374 PID: LX0485
ELEVATION:	58.21' NAVD 88

NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN AND CAN ONLY BE CONSIDERED THE GENERAL CONDITION EXISTING AT THAT TIME.

COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.

MLLW IS 2.9' BELOW NAVD 88

THE PLANE OF MEAN LOWER LOW WATER (MLLW) EPOCH (1983-2001) IS AS DEFINED IN NOAA'S VDATUM 2.2.5

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION - GENERAL, AS DEFINED IN EM 1110-2-1003.

THE DATA DEPICTED ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK MATT.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 3,7,8,10 & 14 MAY 2012

FILE NO.: 63
REQUEST NO.: 3819A

SCALE: ONE INCH = 50 FEET

FIELD BOOKS: 14287, 14288

APPROVED: D. SWAIN — FIELD CARTOGRAPHER
APPROVED: M. FORTE — PROJECT MANAGER
APPROVED: J. MRAZ — ASST. CHIEF
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEYS
DATE: 18 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

MATTITUCK HARBOR

NEW YORK

CONDITION SURVEY

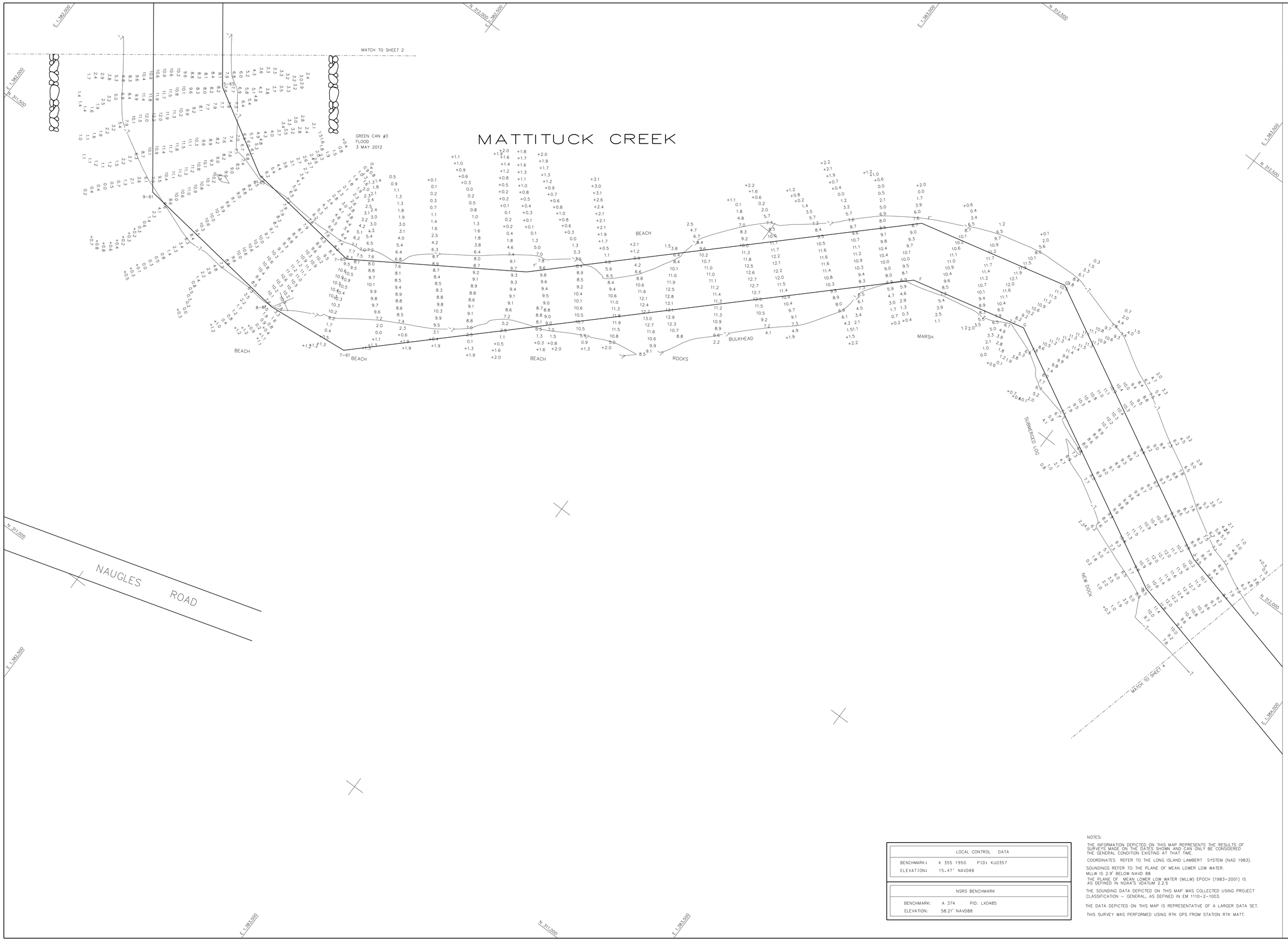
VH-102

SHEET 2 OF 8

63
3819A

CORPS OF ENGINEERS

U. S. ARMY



LOCAL CONTROL DATA	
BENCHMARK:	K 355 1950 PID: KU0357
ELEVATION:	15.47' NAVD88

NSRS BENCHMARK	
BENCHMARK:	A 374 PID: LX0485
ELEVATION:	58.21' NAVD88

NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN AND CAN ONLY BE CONSIDERED THE GENERAL CONDITION EXISTING AT THAT TIME.

COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.
MLLW IS 2.9' BELOW NAVD 88

THE PLANE OF MEAN LOWER LOW WATER (MLLW) EPOCH (1983-2001) IS AS DEFINED IN NOAA'S VDATUM 2.2.5

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION - GENERAL, AS DEFINED IN EM 1110-2-1003.

THE DATA DEPICTED ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK MATT.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY: 3,7,8,10 & 14 MAY 2012

FILE NO.: 63
REQUEST NO.: 3819A

SCALE: ONE INCH = 50 FEET

FIELD BOOKS: 14287, 14288

APPROVED: D. SWAIN — FIELD CARTOGRAPHER
APPROVED: M. FORTE — PROJECT MANAGER
APPROVED: J. MRAZ — ASST. CHIEF
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEYS
DATE: 18 MAY 2012

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

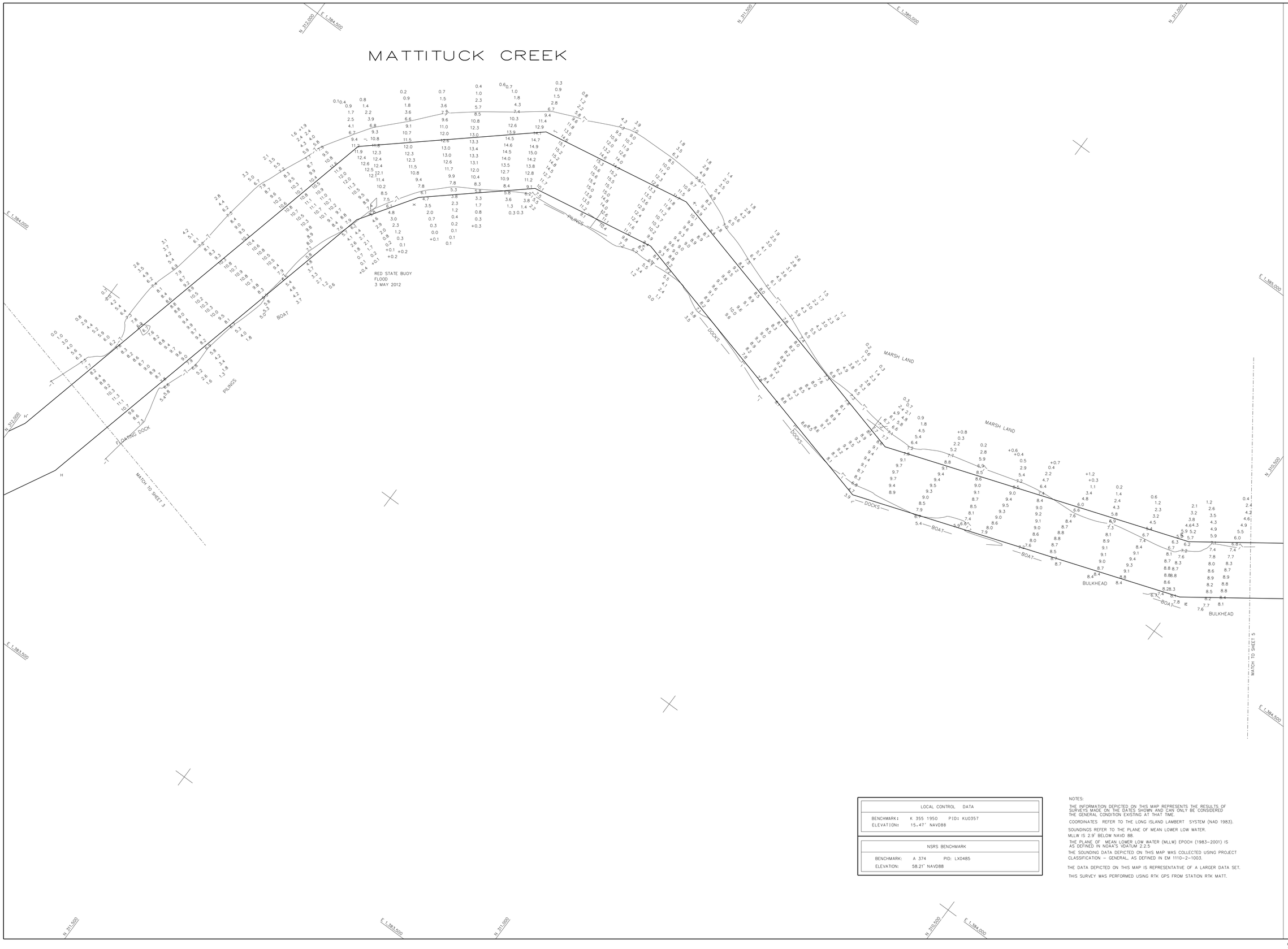
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

MATTITUCK HARBOR
NEW YORK
CONDITION SURVEY

VH-103

SHEET 3 OF 8

63
3819A



LOCAL CONTROL DATA	
BENCHMARK:	K 355 1950 PID: KU0357
ELEVATION:	15.47' NAVD88

NSRS BENCHMARK	
BENCHMARK:	A 374 PID: LX0485
ELEVATION:	58.21' NAVD88

NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN AND CAN ONLY BE CONSIDERED THE GENERAL CONDITION EXISTING AT THAT TIME.

COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER. MLLW IS 2.9' BELOW NAVD 88.

THE PLANE OF MEAN LOWER LOW WATER (MLLW) EPOCH (1983–2001) IS AS DEFINED IN NOAA'S VDATUM 2.2.5.

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION – GENERAL, AS DEFINED IN EM 1110–2–1003.

THE DATA DEPICTED ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK MATT.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
3, 7, 8, 10 & 14 MAY 2012

FILE IND. 63
PROJECT NO. 3819A

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
14288, 14287

APPROVED: D. SWAIN FIELD CARTOGRAPHER
APPROVED: M. FORTE PROJECT MANAGER
APPROVED: J. MRAZ FIELD CHIEF
APPROVED: F. POSTIGLIONE CHIEF OF SURVEYS
DATE: 18 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN–OP–S

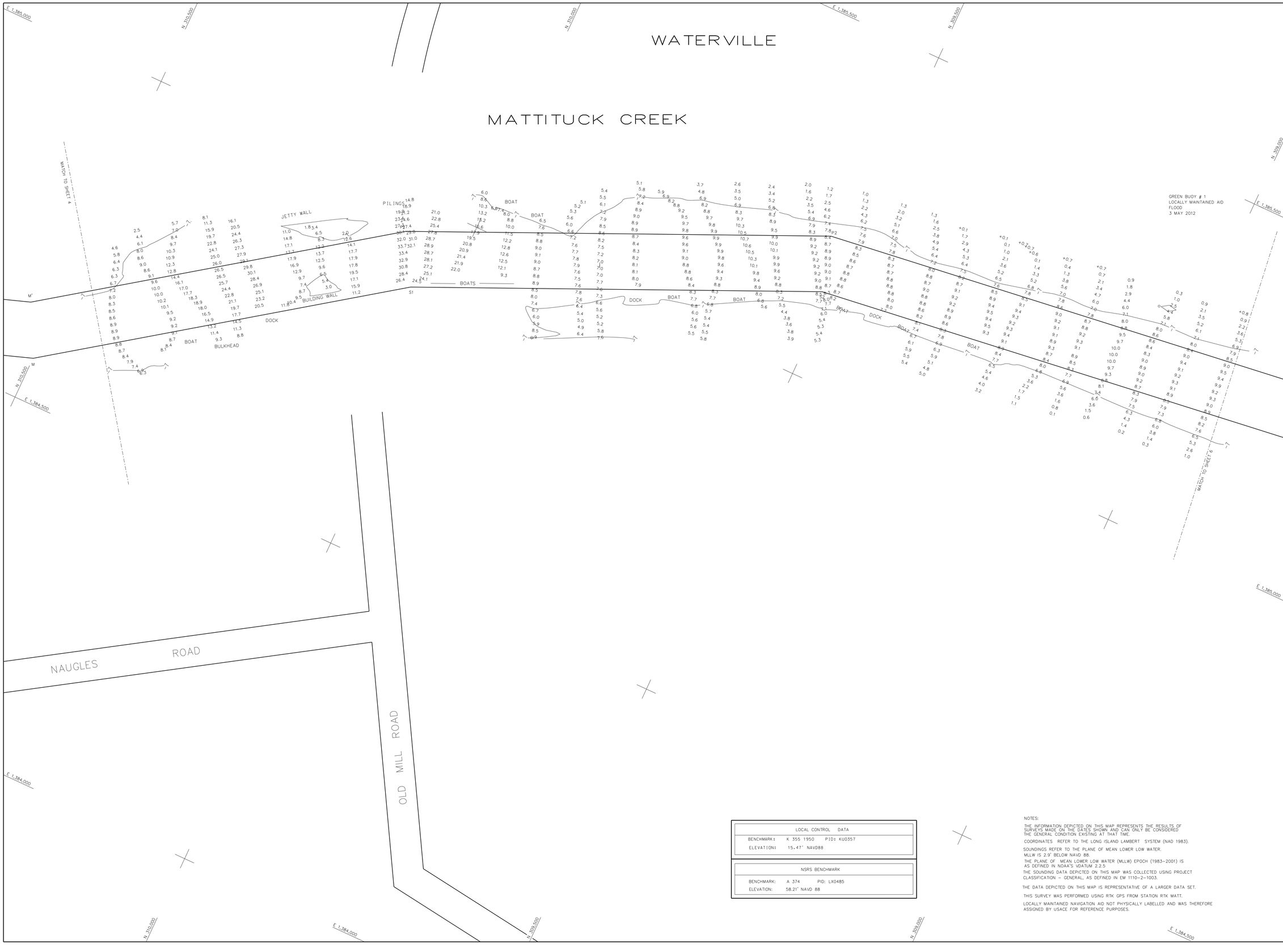
MATTITUCK HARBOR
NEW YORK
CONDITION SURVEY

VH–104

SHEET 4 OF 8

CORPS OF ENGINEERS

U. S. ARMY



LOCAL CONTROL DATA	
BENCHMARK:	K 355 1950 PID: KU0357
ELEVATION:	15.47' NAVD88

NSRS BENCHMARK	
BENCHMARK:	A 374 PID: LX0485
ELEVATION:	58.21' NAVD 88

NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN AND CAN ONLY BE CONSIDERED THE GENERAL CONDITION EXISTING AT THAT TIME.

COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.
MLLW IS 2.9' BELOW NAVD 88.

THE PLANE OF MEAN LOWER LOW WATER (MLLW) EPOCH (1983–2001) IS AS DEFINED IN NOAA'S VDATUM 2.2.5

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION – GENERAL, AS DEFINED IN EM 1110–2–1003.

THE DATA DEPICTED ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK MATT.

LOCALLY MAINTAINED NAVIGATION AID NOT PHYSICALLY LABELLED AND WAS THEREFORE ASSIGNED BY USACE FOR REFERENCE PURPOSES.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

SYM	DESCRIPTION
01/14	ADDED BOAT NUMBERS TO LOCALLY MAINTAINED NAVIGATION AID 09/20/2012 MPS

DATES OF SURVEY:
3, 7, 8, 10 & 14 MAY 2012

FILE NO.: 63
REQUEST NO.: 3819A

SCALE:
ONE INCH = 50 FEET

FIELD BOOKS:
14287, 14288

APPROVED: D. SWAIN — FIELD CARTOGRAPHER
APPROVED: M. FORTE — PROJECT MANAGER
APPROVED: J. MRAZ — ASST CHIEF
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEYS
DATE: 18 MAY 2012

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

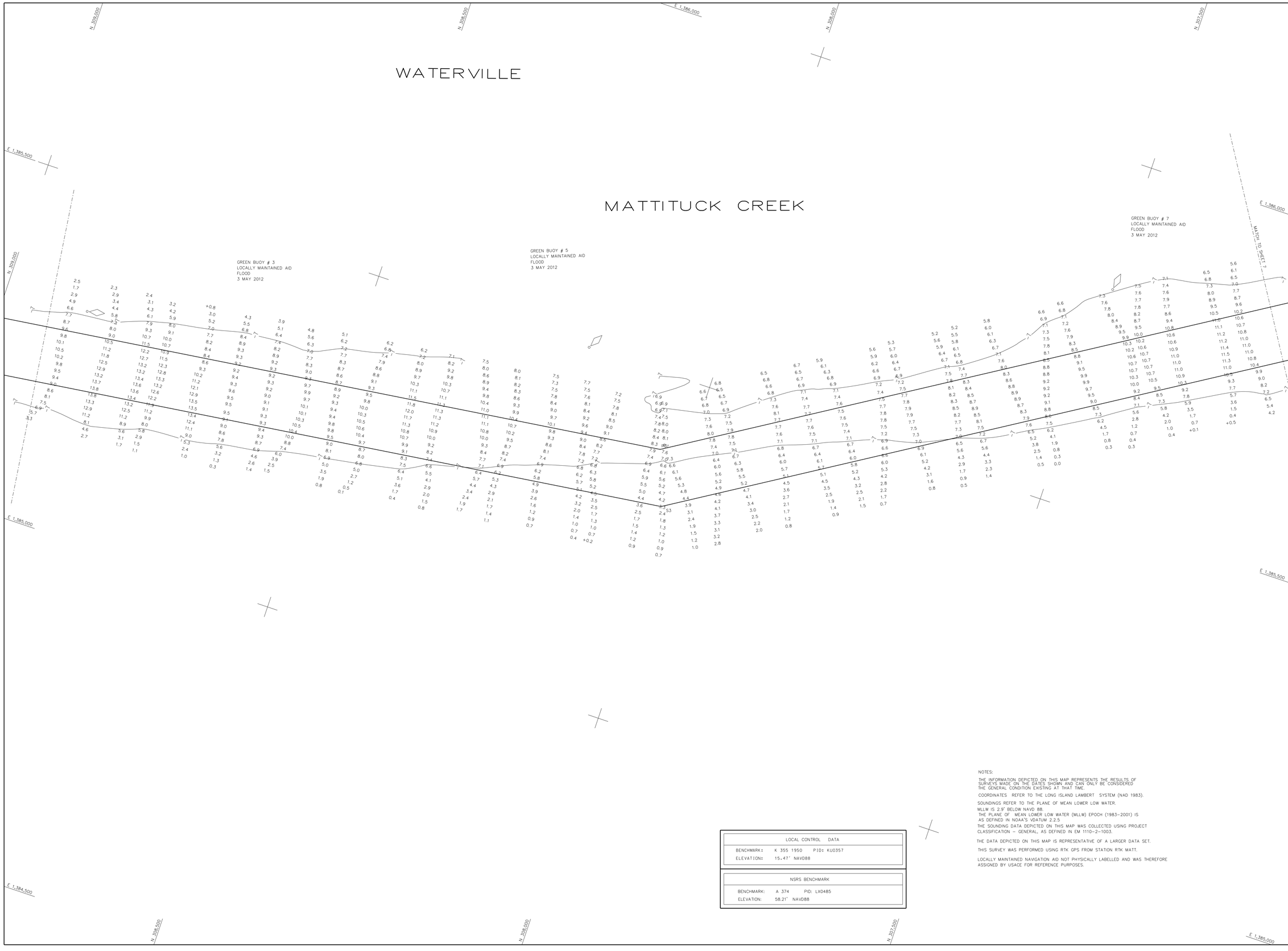
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

MATTITUCK HARBOR
NEW YORK
CONDITION SURVEY

VH–105

SHEET 5 OF 8

63
3819A



LOCAL CONTROL DATA	
BENCHMARK:	K 355 1950 PID: KU0357
ELEVATION:	15.47' NAVD88

NSRS BENCHMARK	
BENCHMARK:	A 374 PID: LX0485
ELEVATION:	58.21' NAVD88

NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN AND CAN ONLY BE CONSIDERED THE GENERAL CONDITION EXISTING AT THAT TIME.

COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.

MLLW IS 2.9' BELOW NAVD 88.

THE PLANE OF MEAN LOWER LOW WATER (MLLW) EPOCH (1983–2001) IS AS DEFINED IN NOAA'S VDATUM 2.2.5

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION – GENERAL, AS DEFINED IN EM 1110–2–1003.

THE DATA DEPICTED ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK MATT.

LOCALLY MAINTAINED NAVIGATION AID NOT PHYSICALLY LABELLED AND WAS THEREFORE ASSIGNED BY USACE FOR REFERENCE PURPOSES.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

6/14	REMOVED BUOY NUMBERS 3,5 (LOCALLY MAINTAINED NAVIGATION AID)	DG/KD	D.J. BRIS

DATES OF SURVEY:
3, 7, 8, 10 & 14 MAY 2012

SCALE:
ONE INCH = 50 FEET

FILE NO.: 63
REQUEST NO.: 3819A

FIELD BOOKS:
13351, 13358

APPROVED: D. SWAIN — FIELD CARTOGRAPHER
APPROVED: M. FORTE — PROJECT MANAGER
APPROVED: J. MRAZ — FIELD CHIEF
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEYS
DATE: 18 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

MATTITUCK HARBOR

NEW YORK

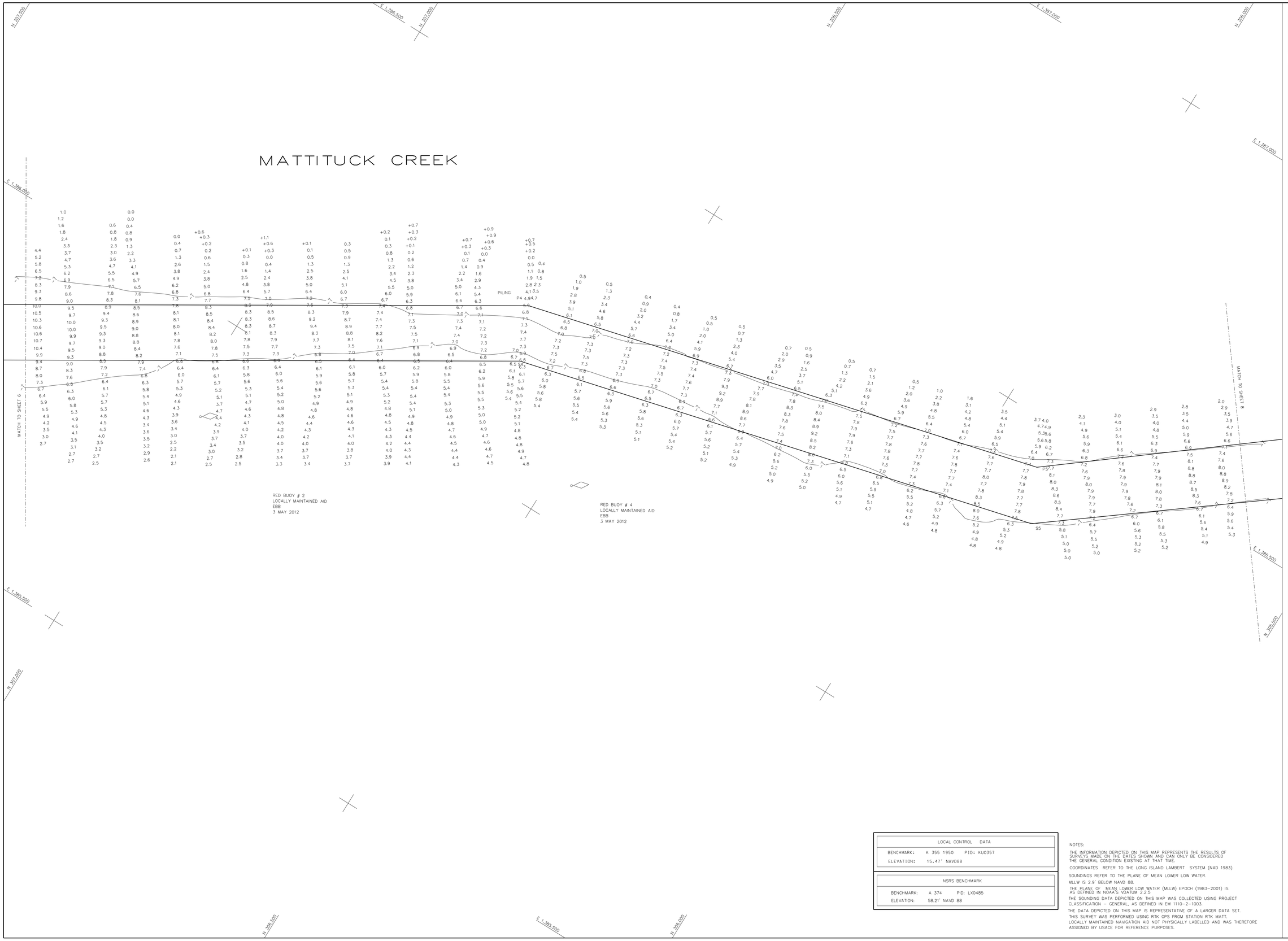
CONDITION SURVEY

VH–106

SHEET 6 OF 8

CORPS OF ENGINEERS

U. S. ARMY



LOCAL CONTROL DATA	
BENCHMARK:	K 355 1950 PID: KU0357
ELEVATION:	15.47' NAVD88

NSRS BENCHMARK	
BENCHMARK:	A 374 PID: LX0485
ELEVATION:	58.21' NAVD 88

NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN AND CAN ONLY BE CONSIDERED THE GENERAL CONDITION EXISTING AT THAT TIME.

COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.

MLLW IS 2.9' BELOW NAVD 88.

THE PLANE OF MEAN LOWER LOW WATER (MLLW) EPOCH (1983–2001) IS AS DEFINED IN NOAA'S VDATUM 2.2.5.

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION – GENERAL, AS DEFINED IN EM 1110–2–1003.

THE DATA DEPICTED ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK MATT.

LOCALLY MAINTAINED NAVIGATION AID NOT PHYSICALLY LABELLED AND WAS THEREFORE ASSIGNED BY USACE FOR REFERENCE PURPOSES.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

REV.#	ASSIGNED BOUY NUMBERS TO LOCALLY MAINTAINED NAVIGATION AID	DRAWING NO.

DATES OF SURVEY: 3, 7, 8, 10 & 14 MAY 2012

FILE NO.: 63
REQUEST NO.: 3819A

SCALE: ONE INCH = 50 FEET

FIELD BOOKS:

APPROVED: D. SWAIN FIELD CARTOGRAPHER
APPROVED: M. FORTE PROJECT MANAGER
APPROVED: J. MRAZ ASST. CHIEF
APPROVED: F. POSTIGLIONE CHIEF OF SURVEYS
DATE: 18 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN–OP–S

MATTITUCK HARBOR
NEW YORK
CONDITION SURVEY

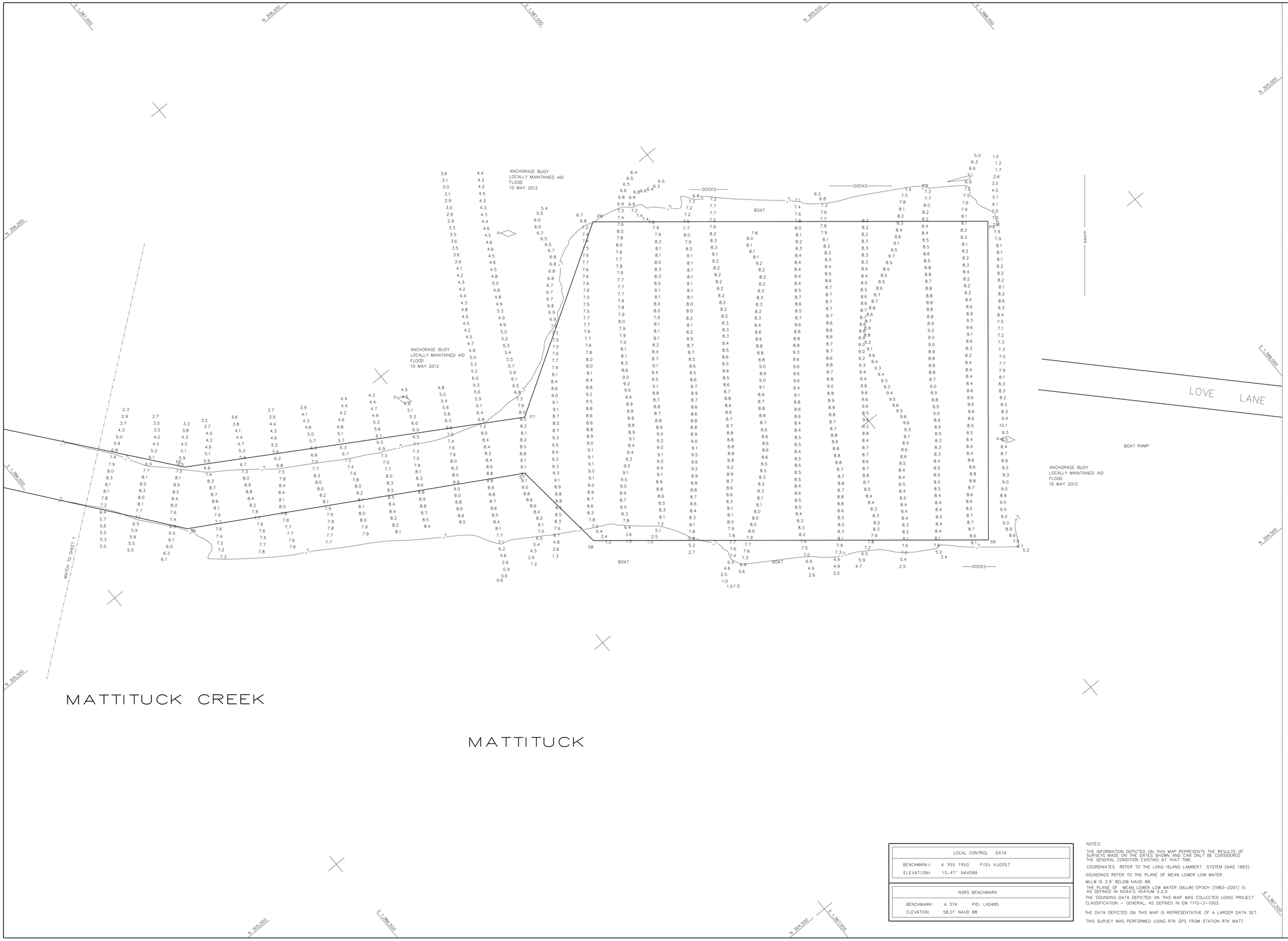
VH–107

SHEET 7 OF 8

63
3819A

CORPS OF ENGINEERS

U. S. ARMY



LOCAL CONTROL DATA	
BENCHMARK:	K 355 1950 PID: KU0357
ELEVATION:	15.47' NAVD88

NSRS BENCHMARK	
BENCHMARK:	A 374 PID: LX0485
ELEVATION:	58.21' NAVD 88

NOTES:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN AND CAN ONLY BE CONSIDERED THE GENERAL CONDITION EXISTING AT THAT TIME.

COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.

MLLW IS 2.9' BELOW NAVD 88.

THE PLANE OF MEAN LOWER LOW WATER (MLLW) EPOCH (1983–2001) IS AS DEFINED IN NOAA'S VDATUM 2.2.5

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION – GENERAL, AS DEFINED IN EM 1110–2–1003.

THE DATA DEPICTED ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RTK MATT.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY: 3, 7, 8, 10 & 14 MAY 2012

FILE NO.: 63
REQUEST NO.: 3819A

SCALE: ONE INCH = 50 FEET

FIELD BOOKS: 14287,14288

APPROVED: D. SWAIN FIELD CARTOGRAPHER
APPROVED: M. FORTE PROJECT MANAGER
APPROVED: J. MRAZ FIELD CHIEF
APPROVED: F. POSTIGLIONE CHIEF OF SURVEYS
DATE: 18 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN–OP–S

MATTITUCK HARBOR
NEW YORK
CONDITION SURVEY

VH–108

SHEET 8 OF 8

63
3819A