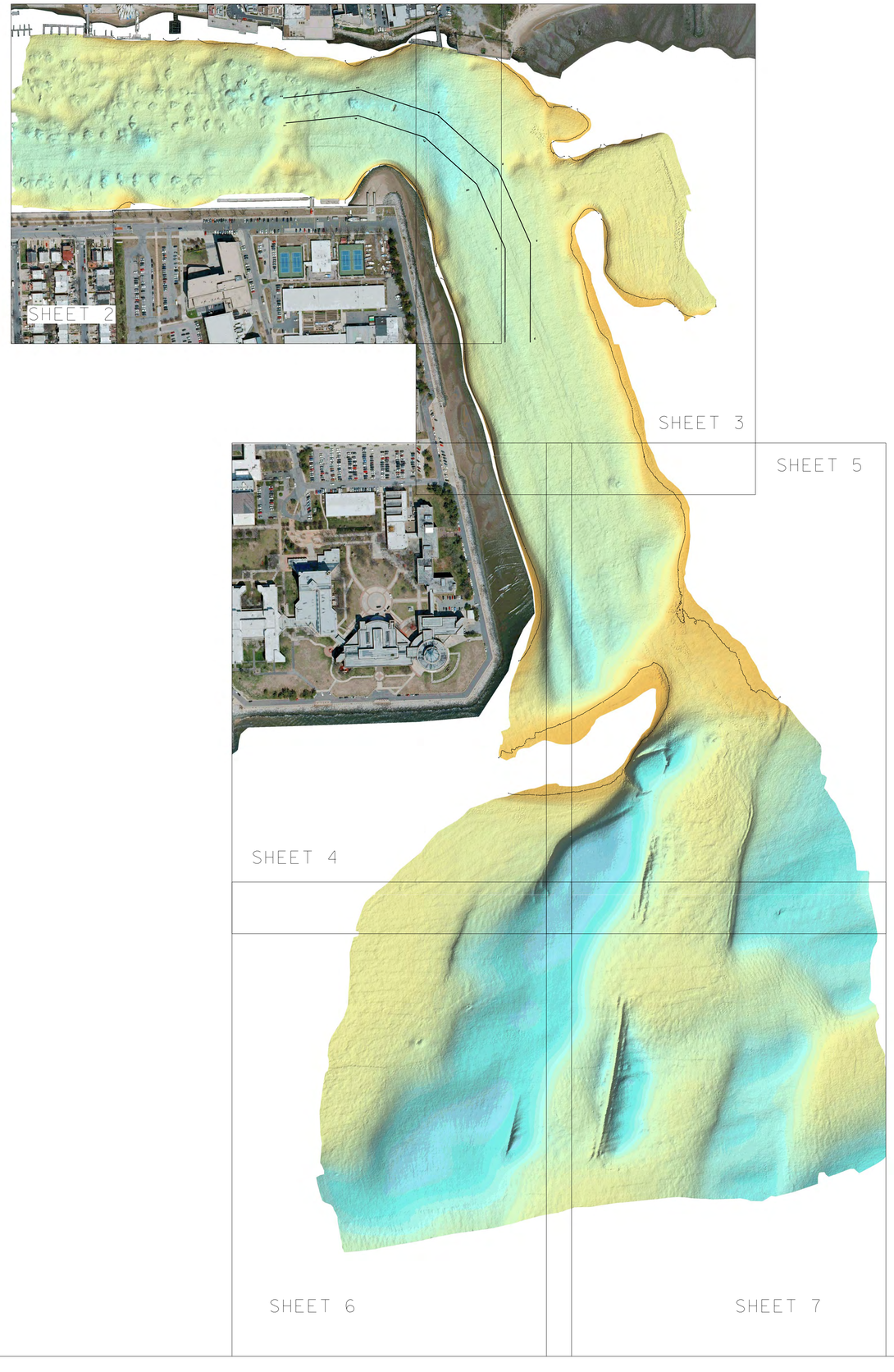

(GRID NORTH)

PROJECT SPECIFIC NOTES:

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-COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983. LONG ISLAND LAMBERT - ZONE 3104. US SURVEY FEET.
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-AERIAL IMAGERY PROVIDED BY NY GIS CLEARINGHOUSE 2018.
-THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "NY DOT".
-THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

NSRS BENCHMARK
BENCHMARK: H 353 (PID: KU1256)
ELEVATION: 10.63' NAVD 88

LOCAL CONTROL DATA
BENCHMARK: NE KING
ELEVATION: 9.35' NAVD 88

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

WP	CMA	ESD
WP	CMA	

DATES OF SURVEY:
18-19, 22-23 NOVEMBER 2019
9&11 DECEMBER 2019

REQUEST NO:14885/N1/N3

SCALE:
1 INCH = 200'

FIELD BOOKS:

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
PROJECT MANAGER

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MBAZ
DEPUTY CHIEF OF SURVEY

DATE: 13 DECEMBER 2019

HYDROGRAPHIC SURVEY OF SHEEPSHEAD BAY EXTENDING INTO ROCKAWAY INLET NEW YORK

CONDITION SURVEY

VH-101

SHEET 1 OF 7

CORPS OF ENGINEERS

U. S. ARMY

PROJECT SPECIFIC NOTES:

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NSRS BENCHMARK	
BENCHMARK:	H 353 (PID: KU1256)
ELEVATION:	10.63' NAVD88

LOCAL CONTROL DATA	
BENCHMARK:	NE KING
ELEVATION:	9.35' NAVD88

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CMA	ESO
MP	CMA	

DATES OF SURVEY:
18-19, 22-23 NOVEMBER 2019
04-11 DECEMBER 2019

SCALE: 1 INCH = 50'

FIELD BOOKS:

REQUEST NO: 14885/N1/N3

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
PROJECT MANAGER

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MIRAZ
DEPUTY CHIEF OF SURVEY
DATE: 13 DECEMBER 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

HYDROGRAPHIC SURVEY OF SHEEPSHEAD BAY EXTENDING INTO ROCKAWAY INLET NEW YORK

CONDITION SURVEY

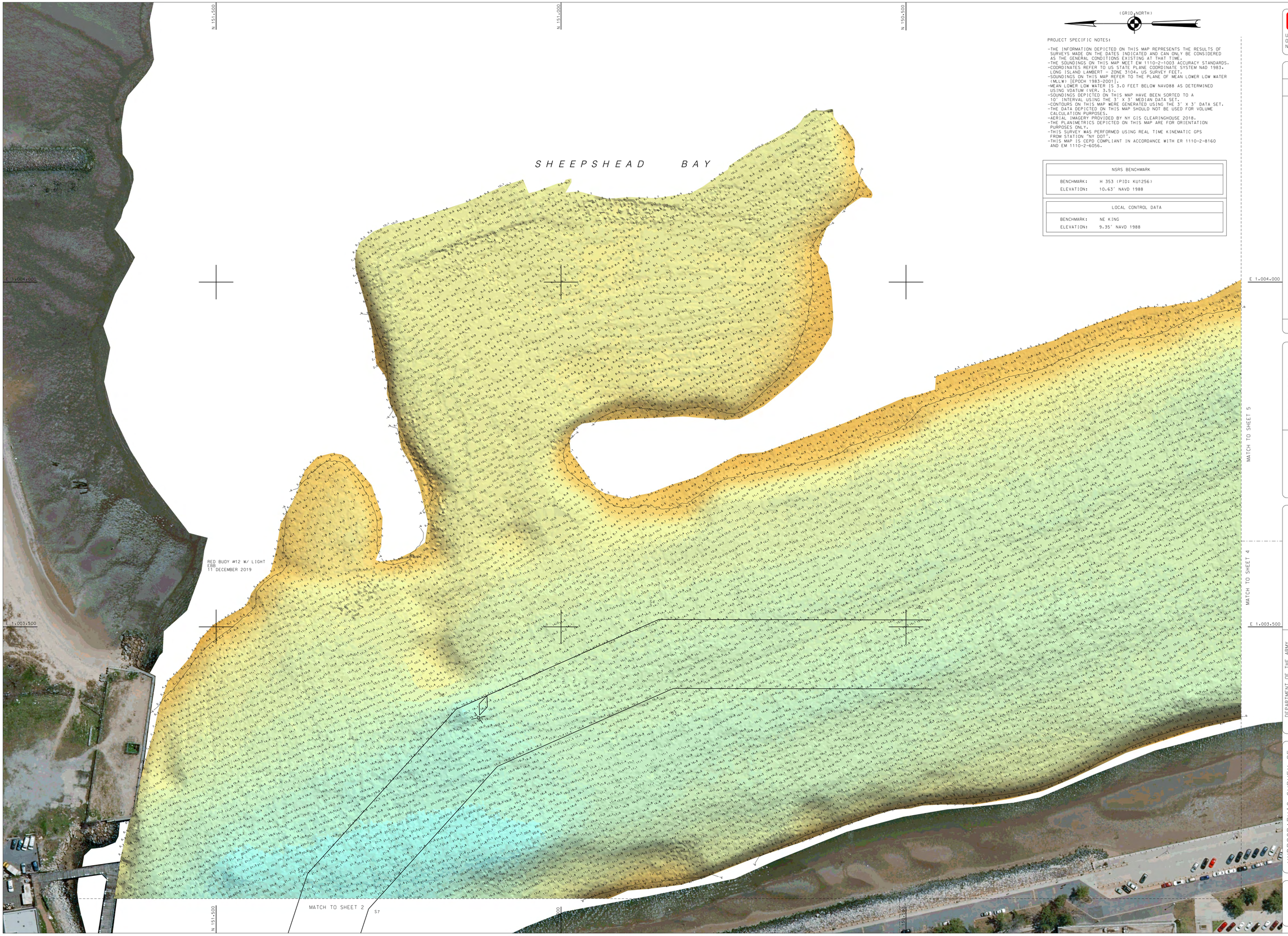
VH-102

SHEET 2 OF 7

REQ NO.:14885/N1/N3

CORPS OF ENGINEERS

U. S. ARMY



(GRID NORTH)

PROJECT SPECIFIC NOTES:

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

NSRS BENCHMARK	
BENCHMARK:	H 353 (PID: KU1256)
ELEVATION:	10.63' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	NE KING
ELEVATION:	9.35' NAVD 1988

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR	CMA	ESO
MP	CMA	

DATES OF SURVEY:
18-19, 22-23 NOVEMBER 2019
9&11 DECEMBER 2019

SCALE: 1 INCH = 50'

FIELD BOOKS:

REQUEST NO:14885/N1/N3

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FIORTE
PROJECT MANAGER

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MBAZ
DEPUTY CHIEF OF SURVEY

DATE: 13 DECEMBER 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

HYDROGRAPHIC SURVEY OF SHEEPSHEAD BAY EXTENDING INTO ROCKAWAY INLET NEW YORK

CONDITION SURVEY

VH–103

SHEET 3 OF 7

REQ NO:14885/N1/N3

CORPS OF ENGINEERS

U. S. ARMY

PROJECT SPECIFIC NOTES:

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NSRS BENCHMARK	
BENCHMARK:	H 353 (PID: KU1256)
ELEVATION:	10.63' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	NE KING
ELEVATION:	9.35' NAVD 1988

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR	CMA	ESO
MP	CMA	

DATES OF SURVEY:
18-19, 22-23 NOVEMBER 2019
9&10, 11 DECEMBER 2019

REQUEST NO: 14885/N1/N3

SCALE: 1 INCH = 50'

FIELD BOOKS:

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
PROJECT MANAGER

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MBAZ
DEPUTY CHIEF OF SURVEY

DATE: 13 DECEMBER 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

HYDROGRAPHIC SURVEY OF SHEEPSHEAD BAY EXTENDING INTO ROCKAWAY INLET NEW YORK

CONDITION SURVEY

VH-104

SHEET 4 OF 7

REQ NO.:14885/N1/N3

N 150,000 | N 149,500 | N 149,000 | N 148,500

(GRID NORTH)

NSRS BENCHMARK	
BENCHMARK:	H 353 (PID: KU1256)
ELEVATION:	10.63' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	NE KING
ELEVATION:	9.35' NAVD 1988

PROJECT SPECIFIC NOTES:

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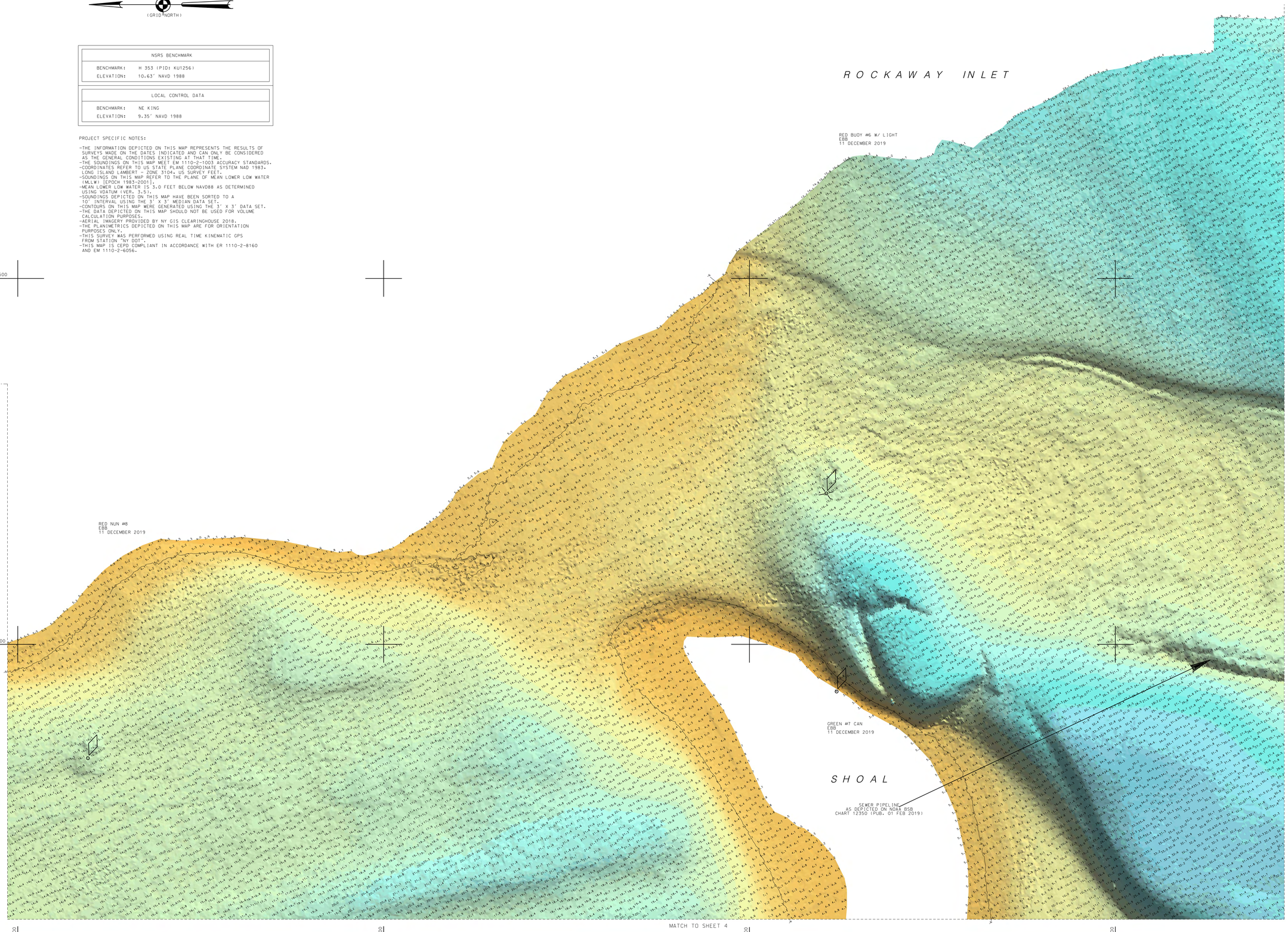
E 1,004,500 | E 1,004,000



MATCH TO SHEET 3

MATCH TO SHEET 7

MATCH TO SHEET 4

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR	CMA	ESO
MP	CMA	

DATES OF SURVEY:
18-19, 22-23 NOVEMBER 2019
9&10, 11 DECEMBER 2019

REQUEST NO:14885/N1/N3

SCALE:
1 INCH = 50'

FIELD BOOKS:

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
PROJECT MANAGER

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MIRAZ
DEPUTY CHIEF OF SURVEY

DATE: 13 DECEMBER 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

HYDROGRAPHIC SURVEY OF SHEEPSHEAD BAY EXTENDING INTO ROCKAWAY INLET NEW YORK

CONDITION SURVEY

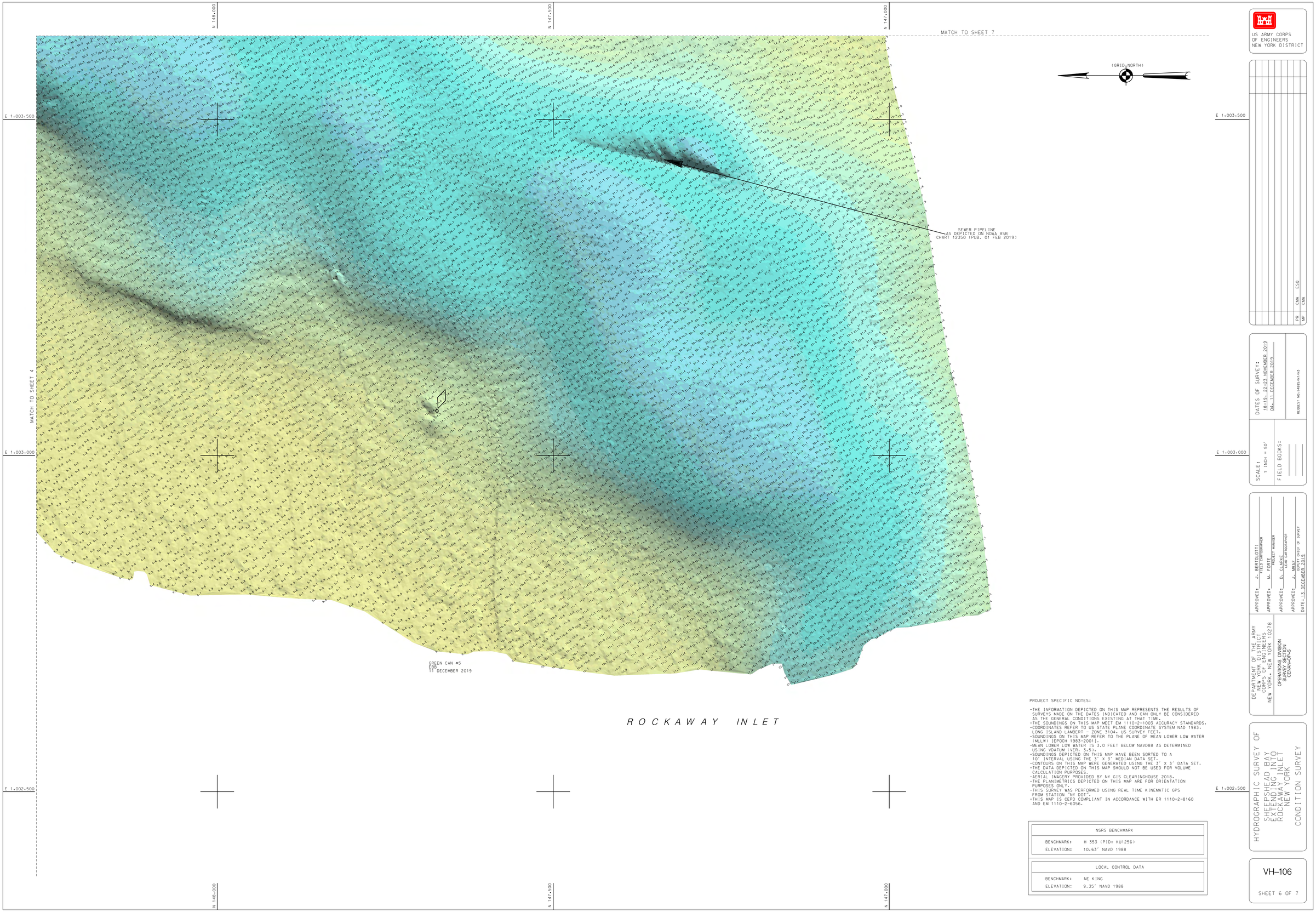
VH-105

SHEET 5 OF 7

REQ NO.:14885/N1/N3

CORPS OF ENGINEERS

U. S. ARMY



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NSRS BENCHMARK	
BENCHMARK:	H 353 (PID: KU1256)
ELEVATION:	10.63' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	NE KING
ELEVATION:	9.35' NAVD 1988

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CMA	ESO	
MP	CMA		

DATES OF SURVEY:
18-19, 22-23 NOVEMBER 2019
04, 11 DECEMBER 2019

SCALE: 1 INCH = 50'

FIELD BOOKS:

REQUEST NO:14885/N1/N3

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
PROJECT MANAGER

APPROVED: D. CLARKE
CHIEF CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY
DATE:13 DECEMBER 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

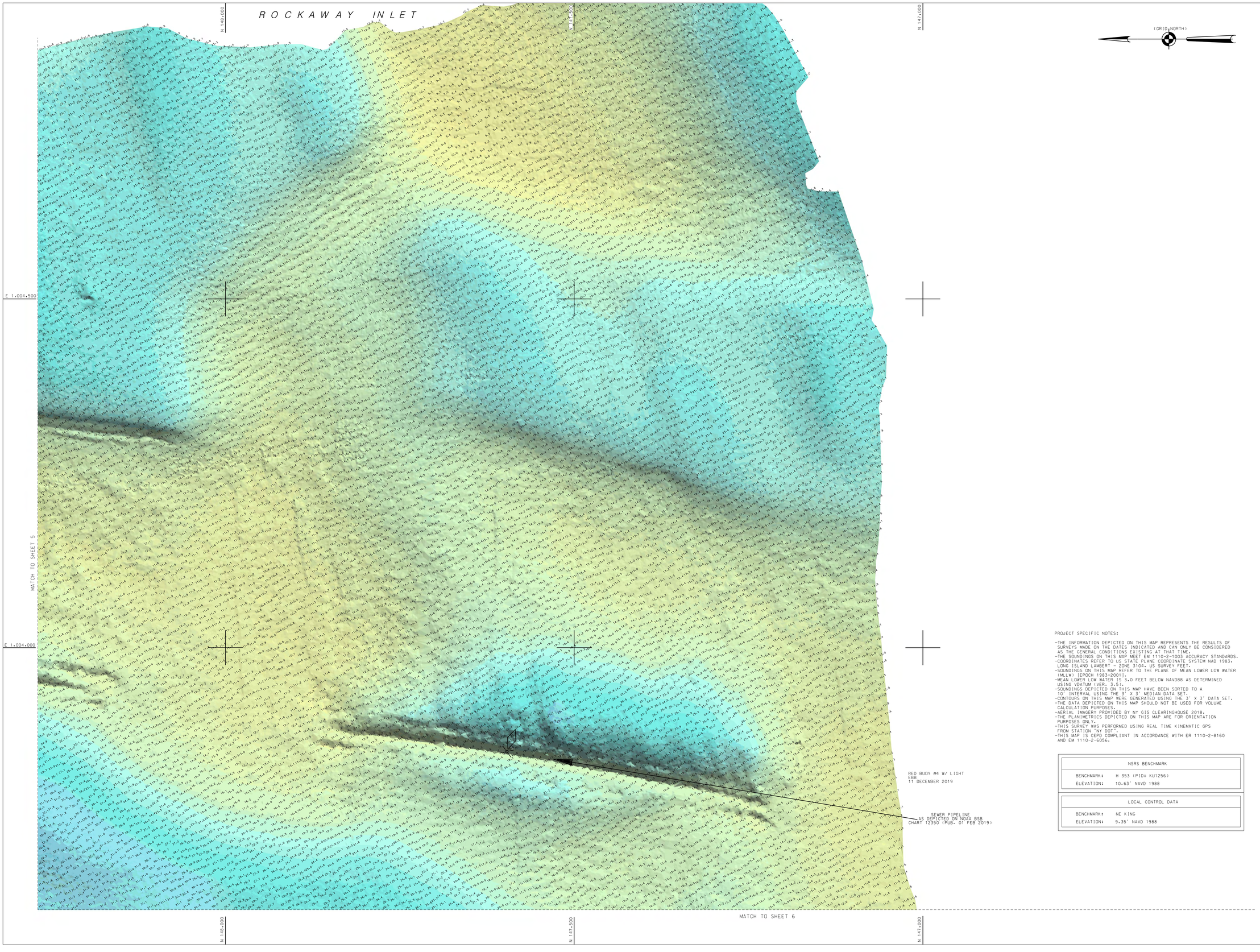
HYDROGRAPHIC SURVEY OF SHEEPSHEAD BAY EXTENDING INTO ROCKAWAY INLET NEW YORK

CONDITION SURVEY

VH-106

SHEET 6 OF 7

REQ NO.:14885/N1/N3



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NSRS BENCHMARK	
BENCHMARK:	H 353 (PID: KU1256)
ELEVATION:	10.63' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	NE KING
ELEVATION:	9.35' NAVD 1988

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CMA	ESO
MP	CMA	

DATES OF SURVEY:
18-19, 22-23 NOVEMBER 2019
04, 11 DECEMBER 2019

REQUEST NO.:14885/N1/N3

SCALE:
1 INCH = 50'

FIELD BOOKS:

APPROVED: J. BERTOLOTTI
FIELD CARTOGRAPHER

APPROVED: M. FORTE
PROJECT MANAGER

APPROVED: D. CLARKE
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

DATE: 13 DECEMBER 2019

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

HYDROGRAPHIC SURVEY OF
SHEEPSHEAD BAY
EXTENDING INTO
ROCKAWAY INLET
NEW YORK
CONDITION SURVEY

VH-107

SHEET 7 OF 7

REQ NO.:14885/N1/N3