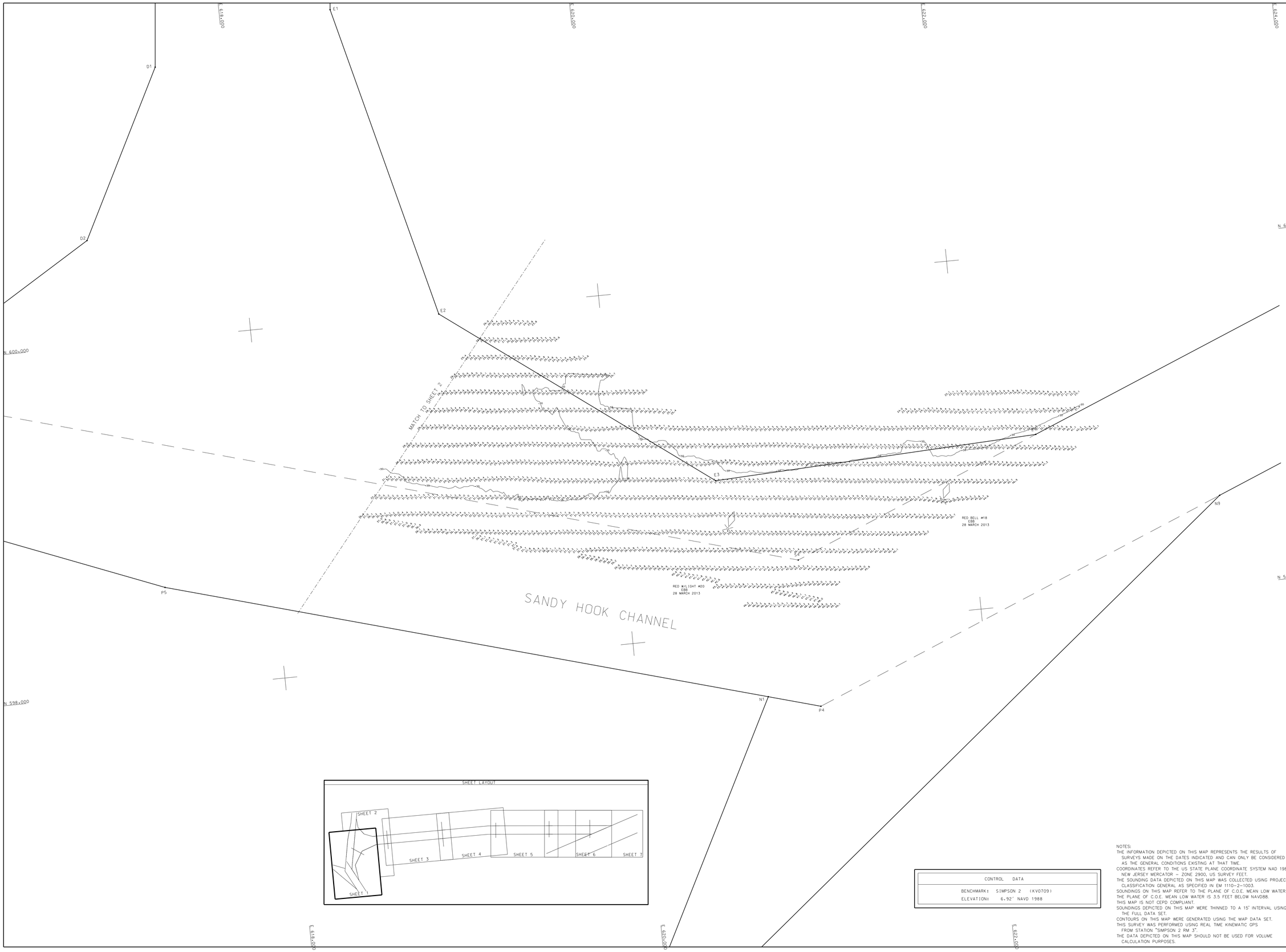
CORPS OF ENGINEERS

U. S. ARMY



CONTROL DATA	
BENCHMARK:	SIMPSON 2 (KV0709)
ELEVATION:	6.92' NAVD 1988

NOTES:
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THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
SOUNDINGS ON THIS MAP REFER TO THE PLANE OF C.O.E. MEAN LOW WATER.
THE PLANE OF C.O.E. MEAN LOW WATER IS 3.5 FEET BELOW NAVD88.
THIS MAP IS NOT CEPD COMPLIANT.
SOUNDINGS DEPICTED ON THIS MAP WERE THINNED TO A 15' INTERVAL USING THE FULL DATA SET.
CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "SIMPSON 2 RM 3".
THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PB PM
FB MP

DATES OF SURVEY:
28–29 MARCH 2013

FILE NO.: 64
REQUEST NO.: 3976N1/N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
957
1000

APPROVED: D. SMITH/NJ APPLIED
CHIEF CARTOGRAPHER
APPROVED: M. FORTE
CHIEF ENGINEERING TECHNICIAN
APPROVED: D. CLARKE
CHIEF CARTOGRAPHER
APPROVED: J. MBAZ/F. POSTIGLIONE
BRANCH CHIEF OF HYDROGRAPHIC SURVEY
DATE: 02 MAY 2013

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

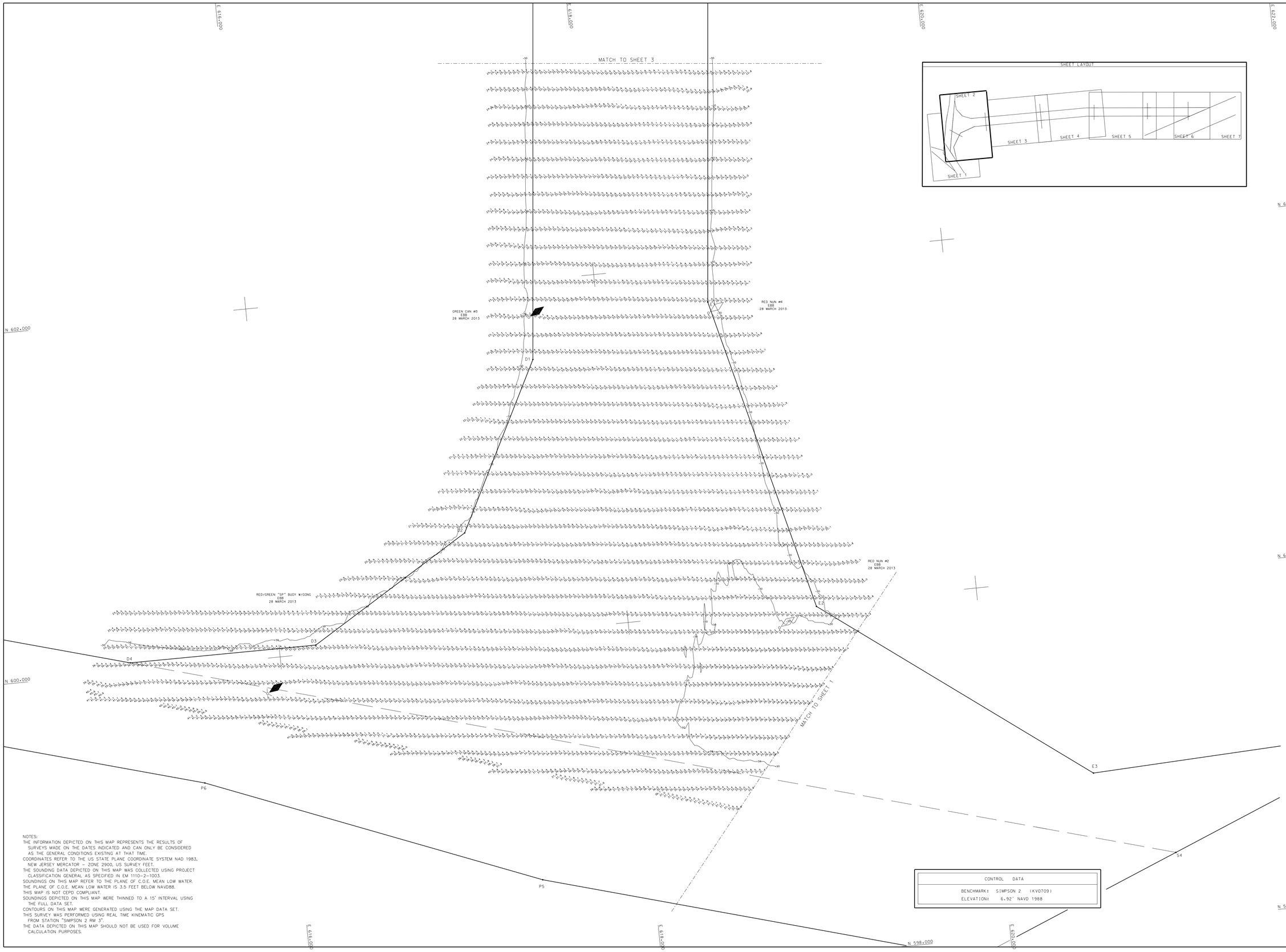
NEW YORK HARBOR, NEW YORK
MAIN SHIP CHANNEL

CONDITION SURVEY
(POST SANDY)

VH-101

SHEET 1 OF 7

FILE NO. 64
REQ. NO. 3976N1/N2



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THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.

CONTROL DATA	
BENCHMARK:	SIMPSON 2 (KV0709)
ELEVATION:	6.92' NAVD 1988

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PB PM
FB MP

DATES OF SURVEY: 28–29 MARCH 2013

FILE NO.: 64
REQUEST NO.: 39761N/N2

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: 957, 1000

APPROVED: D. SMITH/N. APPELO — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ/F. POSTIGLIONE — SENIOR CHIEF OF SURVEYOR/CHIEF OF SURVEY
DATE: 02 MAY 2013

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK HARBOR, NEW YORK
MAIN SHIP CHANNEL

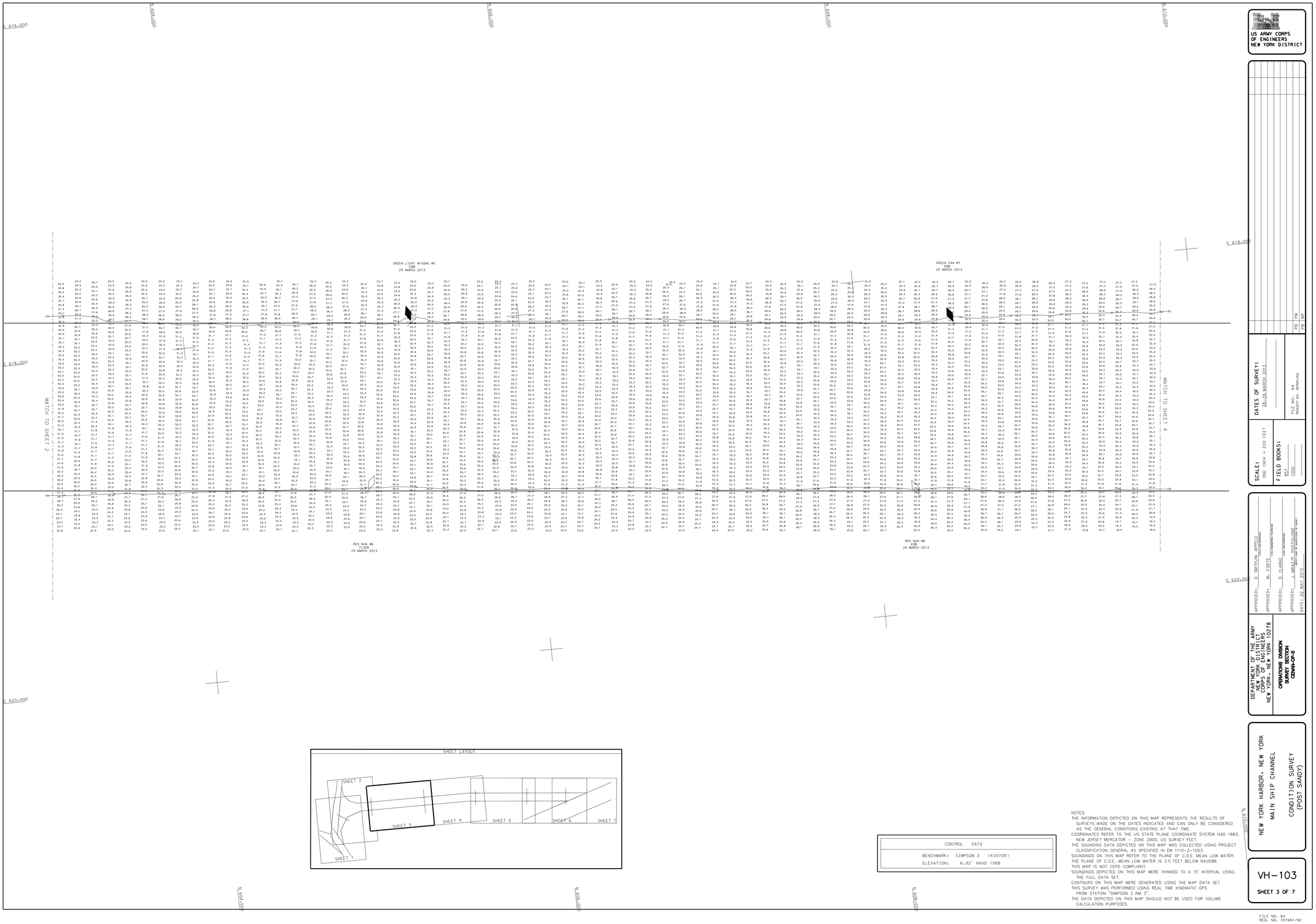
CONDITION SURVEY
(POST SANDY)

VH-101

SHEET 2 OF 7

CORPS OF ENGINEERS

U. S. ARMY



CONTROL DATA	
BENCHMARK:	SIMPSON 2 (KV0709)
ELEVATION:	6.92' NAVD 1988

NOTES:
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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

FB PM
FB MP

DATES OF SURVEY: 28–29 MARCH 2013

FILE NO. 64
REQUEST NO. 3976N1/N2

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: 850, 1000

APPROVED: D. SMITH/N. APPOLD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CHIEF, ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ/F. ROSTIGLIONE — CHIEF, CART. & SURVEYING BY CONTRACT
DATE: 02 MAY 2013

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK HARBOR, NEW YORK
MAIN SHIP CHANNEL

CONDITION SURVEY
(POST SANDY)

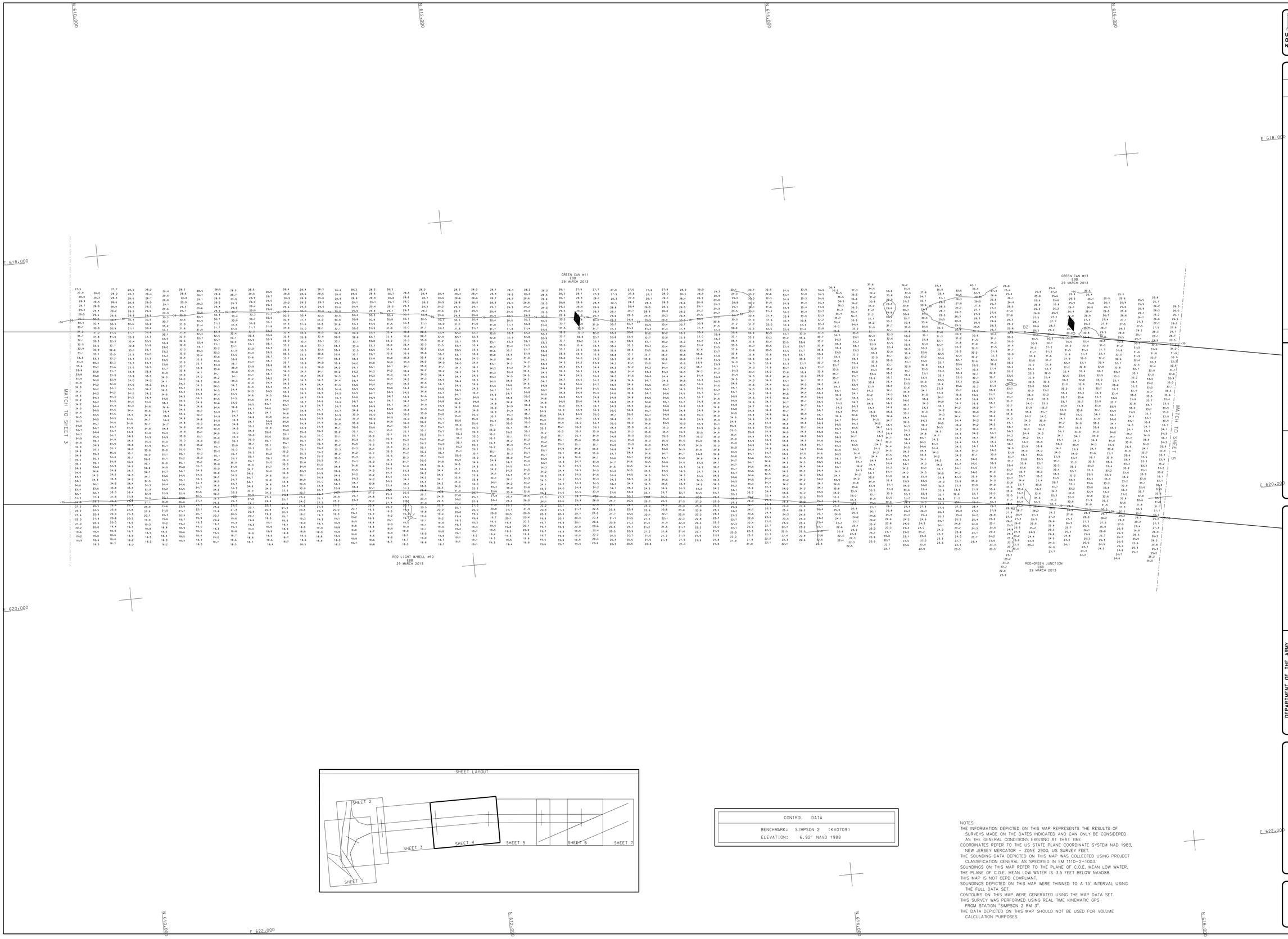
VH–103

SHEET 3 OF 7

FILE NO. 64
REQ. NO. 3976N1/N2

CORPS OF ENGINEERS

U. S. ARMY



CONTROL DATA	
BENCHMARK:	SIMPSON 2 (KV0709)
ELEVATION:	6.92' NAVD 1988

NOTES:
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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

FB PM
FB MP

DATES OF SURVEY:
28-29 MARCH 2013

FILE NO. 64
REQUEST NO. 3976N1/N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
9000
9001
1000

APPROVED: D. SMITH/M. APPELD (FIELD CARTOGRAPHER)
APPROVED: M. FIORTE (CIVIL ENGINEERING TECHNICIAN)
APPROVED: D. CLARKE (LEAD CARTOGRAPHER)
APPROVED: J. MRAZ/C. POSOGIJONE (DEPUTY CHIEF OF SURVEYOR OF SURVEY)
DATE: 02 MAY 2013

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK HARBOR, NEW YORK
MAIN SHIP CHANNEL

CONDITION SURVEY
(POST SANDY)

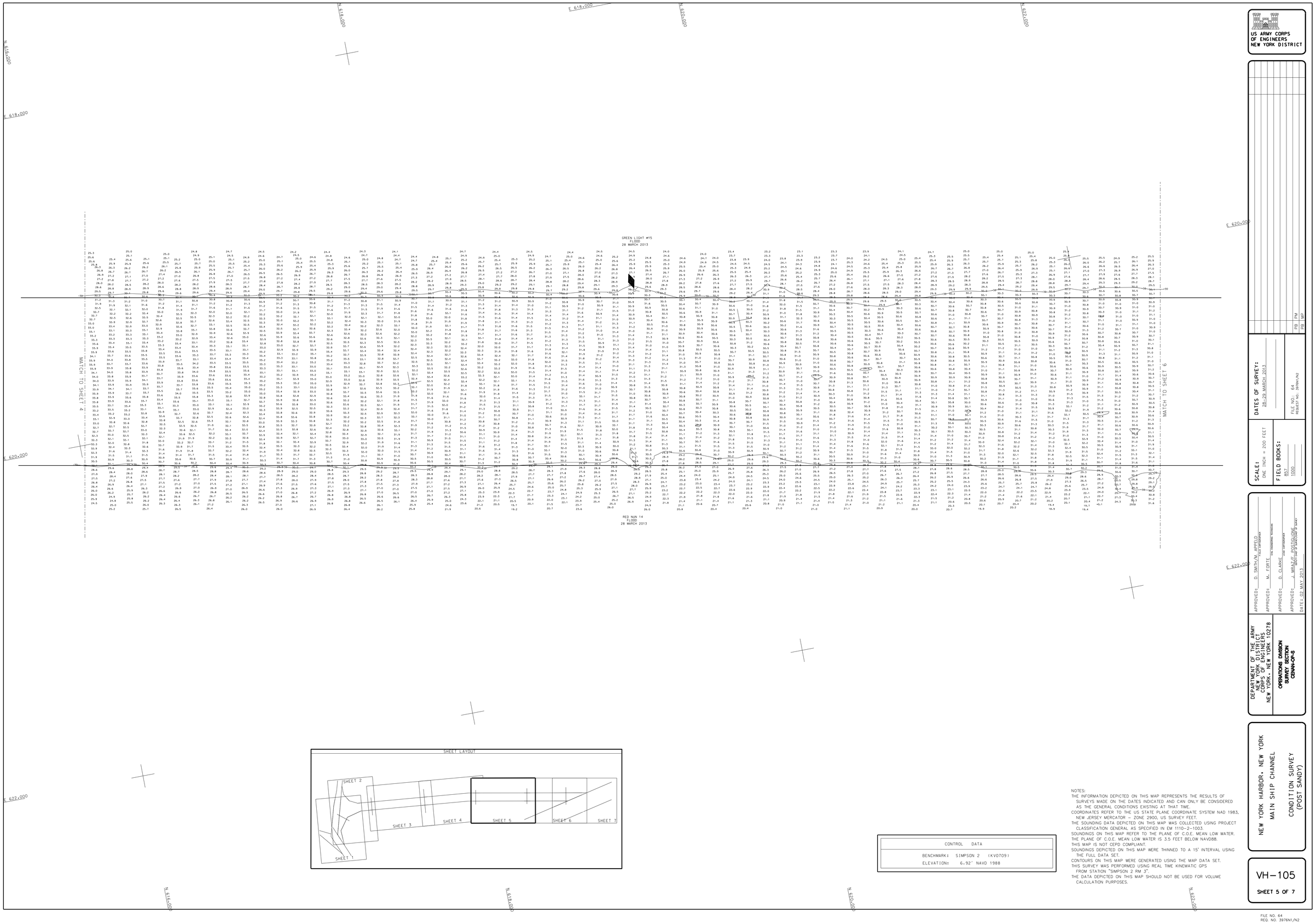
VH-104

SHEET 4 OF 7

FILE NO. 64
REQ. NO. 3976N1/N2

CORPS OF ENGINEERS

U. S. ARMY



CONTROL DATA	
BENCHMARK:	SIMPSON 2 (KV0709)
ELEVATION:	6.92' NAVD 1988

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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

FB PM
FB MP

DATES OF SURVEY:
28-29 MARCH 2013

SCALE:
ONE INCH = 200 FEET

FILE NO. 64
REQUEST NO. 3976N1/N2

FIELD BOOKS:
PAGE
NO.
1000

APPROVED: B. SMITH/W. APPELD
CHIEF, CADD/GIS TECHNOLOGY SECTION
CHIEF, DATA CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CHIEF, DATA CARTOGRAPHER

APPROVED: J. MRAZ/F. POSTIGLIONE
DEPUTY CHIEF OF SURVEY/CHIEF OF SURVEY

DATE: 02 MAY 2013

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK HARBOR, NEW YORK
MAIN SHIP CHANNEL

CONDITION SURVEY
(POST SANDY)

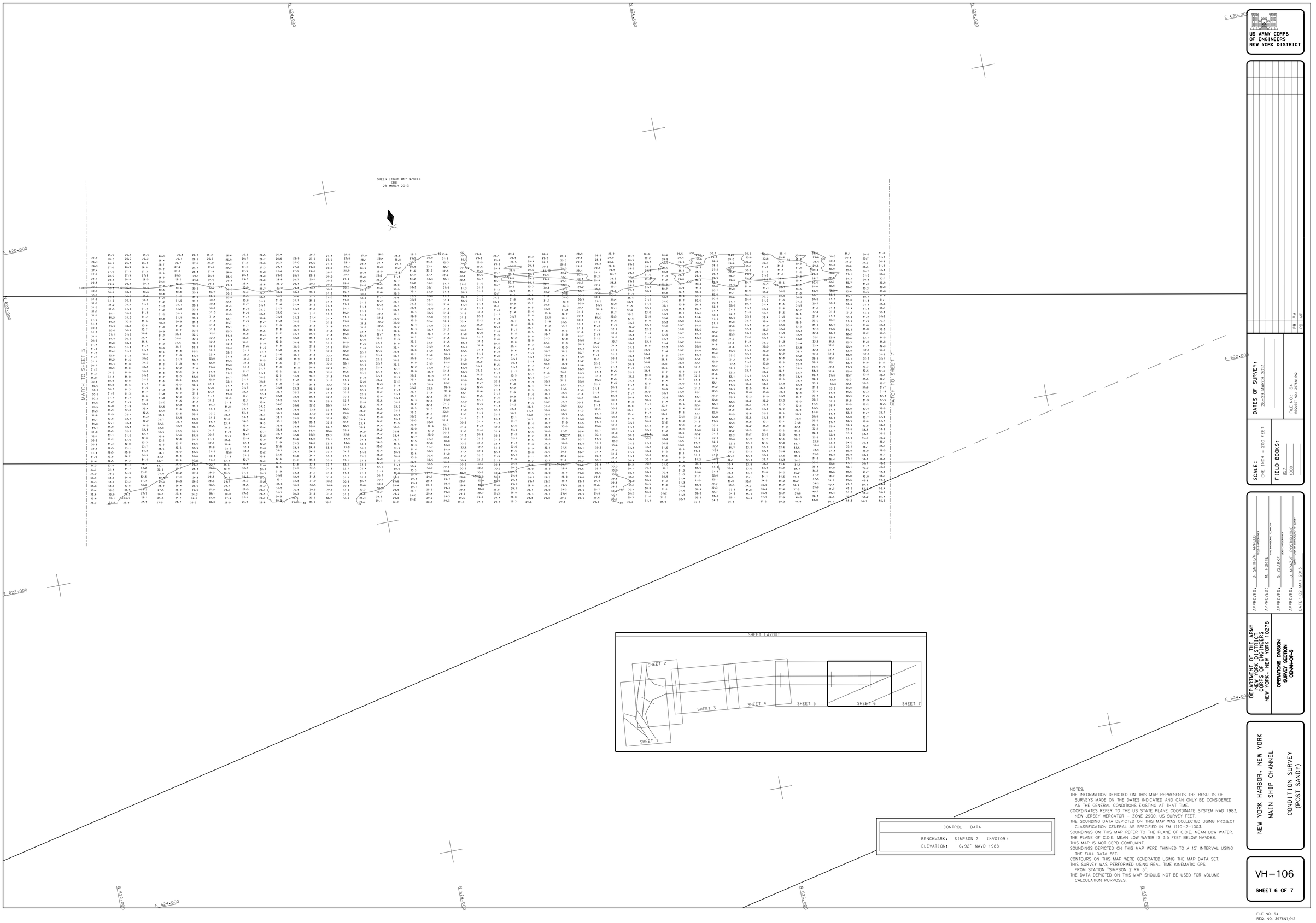
VH-105

SHEET 5 OF 7

FILE NO. 64
REQ. NO. 3976N1/N2

CORPS OF ENGINEERS

U. S. ARMY



CONTROL DATA
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ELEVATION: 6.92' NAVD 1988

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PB PM
PB WP

DATES OF SURVEY:
28-29 MARCH 2013

FILE NO. 64
REQUEST NO. 3976N1/N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
850
1300

APPROVED: D. SMITH/M. ARPETO
CHIEF, FIELD CARTOGRAPHY

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CHIEF, CARTOGRAPHER

APPROVED: L. MRAZ/F. POSTGLONE
SENIOR CHIEF OF SURVEYOR OF VESSELS

DATE: 02 MAY 2013

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

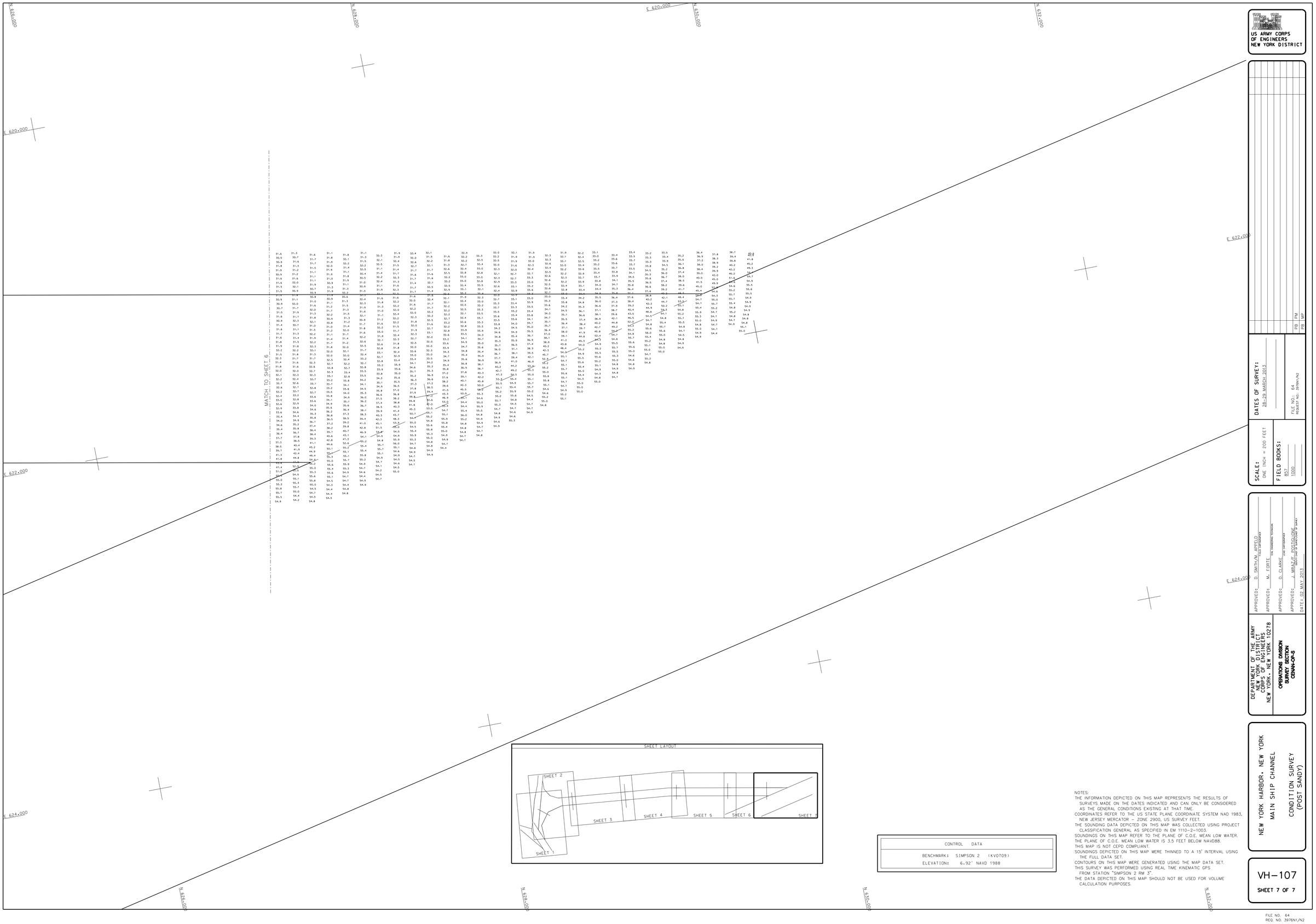
NEW YORK HARBOR, NEW YORK
MAIN SHIP CHANNEL

CONDITION SURVEY
(POST SANDY)

VH-106

SHEET 6 OF 7

FILE NO. 64
REQ. NO. 3976N1/N2



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CONTROL DATA	
BENCHMARK:	SIMPSON 2 (KV0709)
ELEVATION:	6.92' NAVD 1988

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

FB PM
FB MP

DATES OF SURVEY:
28-29 MARCH 2013

FILE NO: 64
REQUEST NO: 3976N1/N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
SEE
SURVEY
LOGS

APPROVED: D. SMITH/W. APPTO
CHIEF, FIELD DATA GATHERER

APPROVED: M. FORTE
CHIEF, ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CHIEF, DATA CATALOGUING

APPROVED: J. MRAZ/F. POSTIGLIONE
CHIEF, FIELD OPS SURVEYOR OF SURVEY

DATE: 02 MAY 2013

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

OPERATIONS DIVISION
SURVEY SECTION
CEINW-OP-S

NEW YORK HARBOR, NEW YORK
MAIN SHIP CHANNEL

CONDITION SURVEY
(POST SANDY)

VH-107

SHEET 7 OF 7