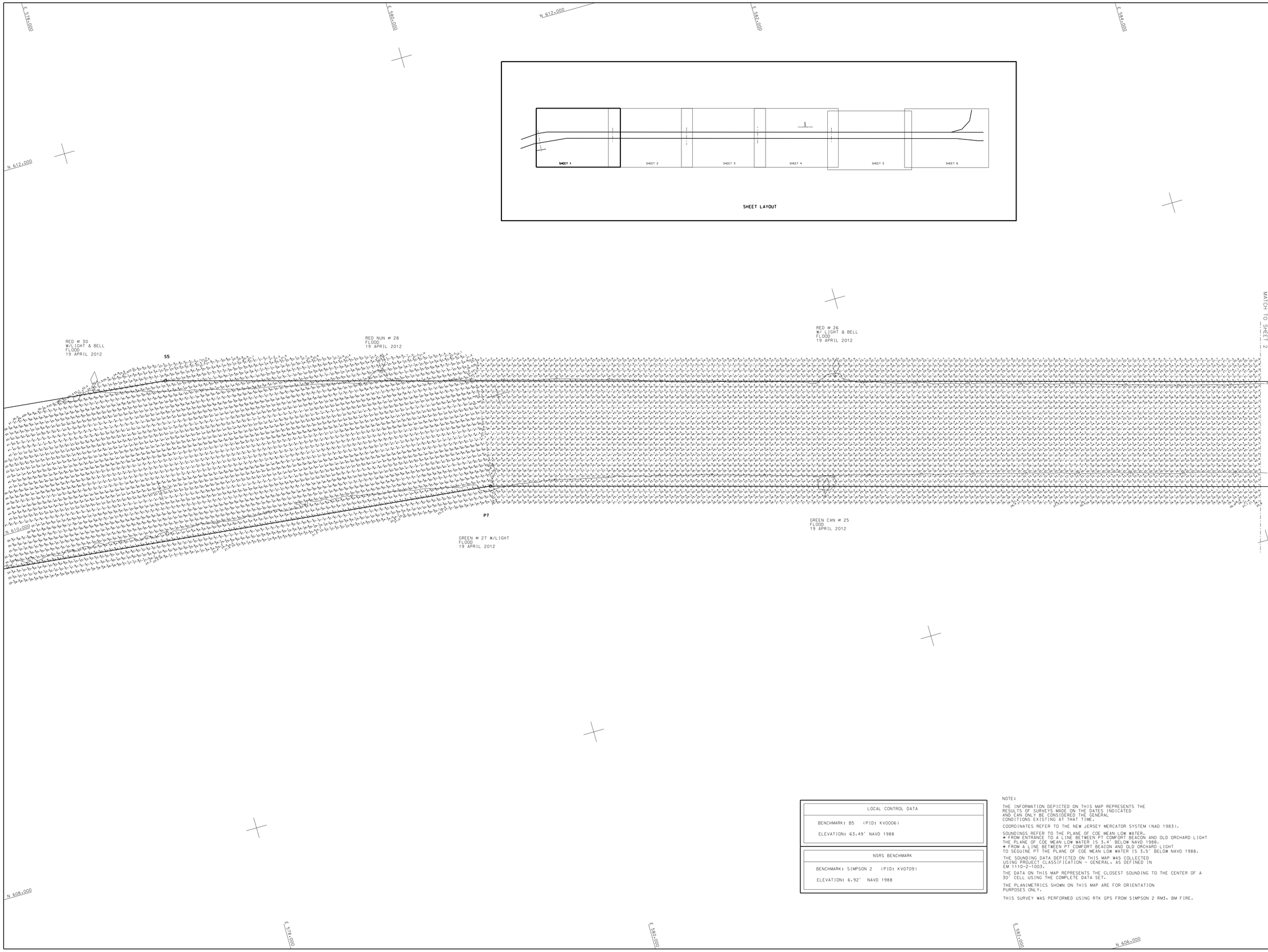

LOCAL CONTROL DATA
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' NAVD 1988

NSRS BENCHMARK
BENCHMARK: SIMPSON 2 (PID: KV0709)
ELEVATION: 6.92' NAVD 1988

NOTE:

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

COORDINATES REFER TO THE NEW JERSEY MERCATOR SYSTEM (NAD 1983).

SOUNDINGS REFER TO THE PLANE OF COE MEAN LOW WATER.
* FROM ENTRANCE TO A LINE BETWEEN PT COMFORT BEACON AND OLD ORCHARD LIGHT THE PLANE OF COE MEAN LOW WATER IS 3.4' BELOW NAVD 1988.
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THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION - GENERAL. AS DEFINED IN EM 1110-2-1003.

THE DATA ON THIS MAP REPRESENTS THE CLOSEST SOUNDING TO THE CENTER OF A 30' CELL USING THE COMPLETE DATA SET.

THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM SIMPSON 2 RM3. BM FIRE.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 11&12,16-19 APRIL 2012

FILE NO.: 1345
REQUEST NO.: 3822D

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

APPROVED: D. SMITH FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MEAZ ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE CHIEF OF SURVEY
DATE: 8 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH

CONDITION SURVEY

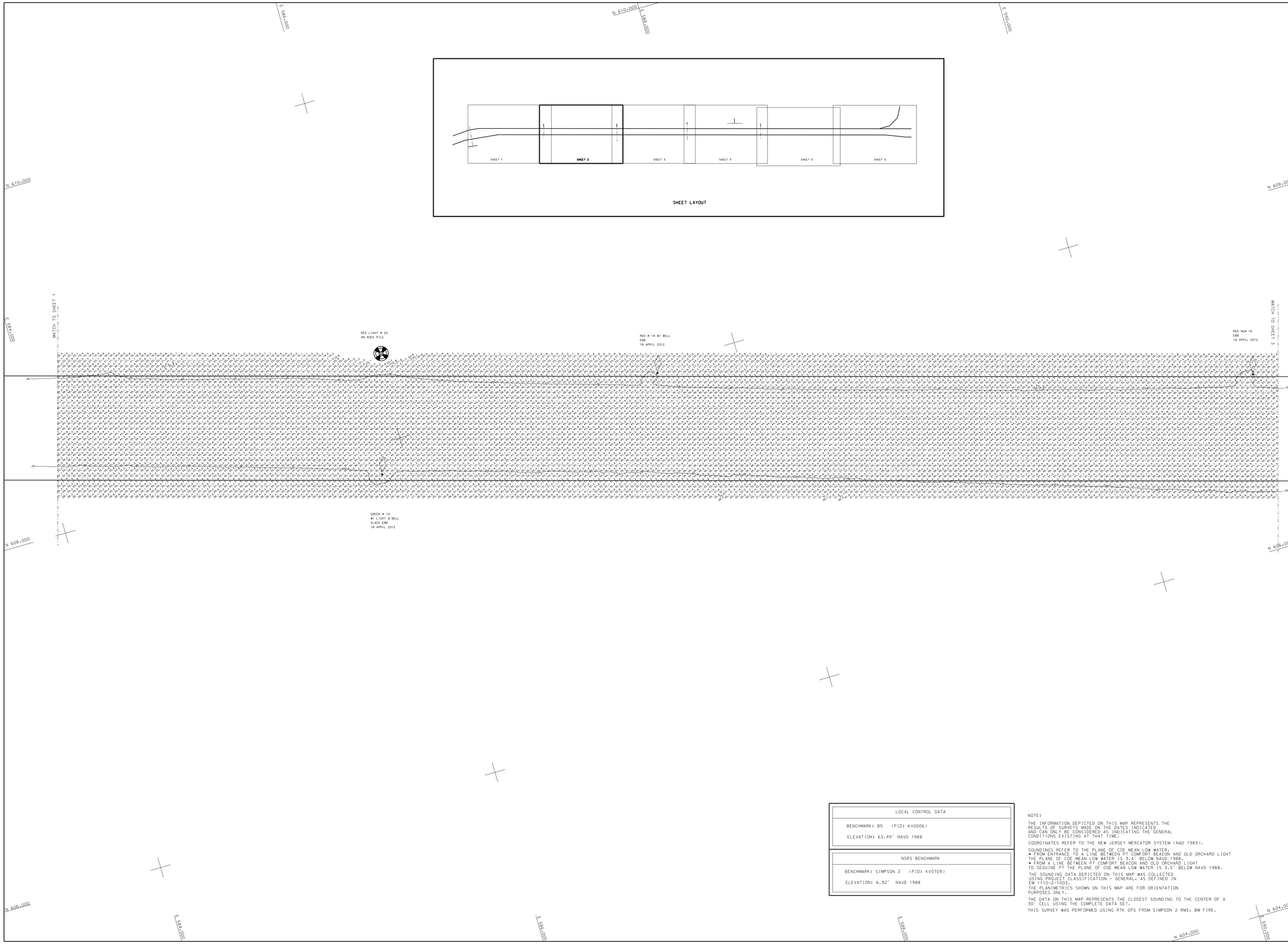
VH-101

SHEET 1 OF 6

1345
3822D

CORPS OF ENGINEERS

U. S. ARMY



LOCAL CONTROL DATA
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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY: 11&12,16-19 APRIL 2012

FILE NO.: 1345
REQUEST NO.: 38220

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

APPROVED: D. SMITH — FIELD SUPERVISOR
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MRUZ — ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEY
DATE: 8 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH

CONDITION SURVEY

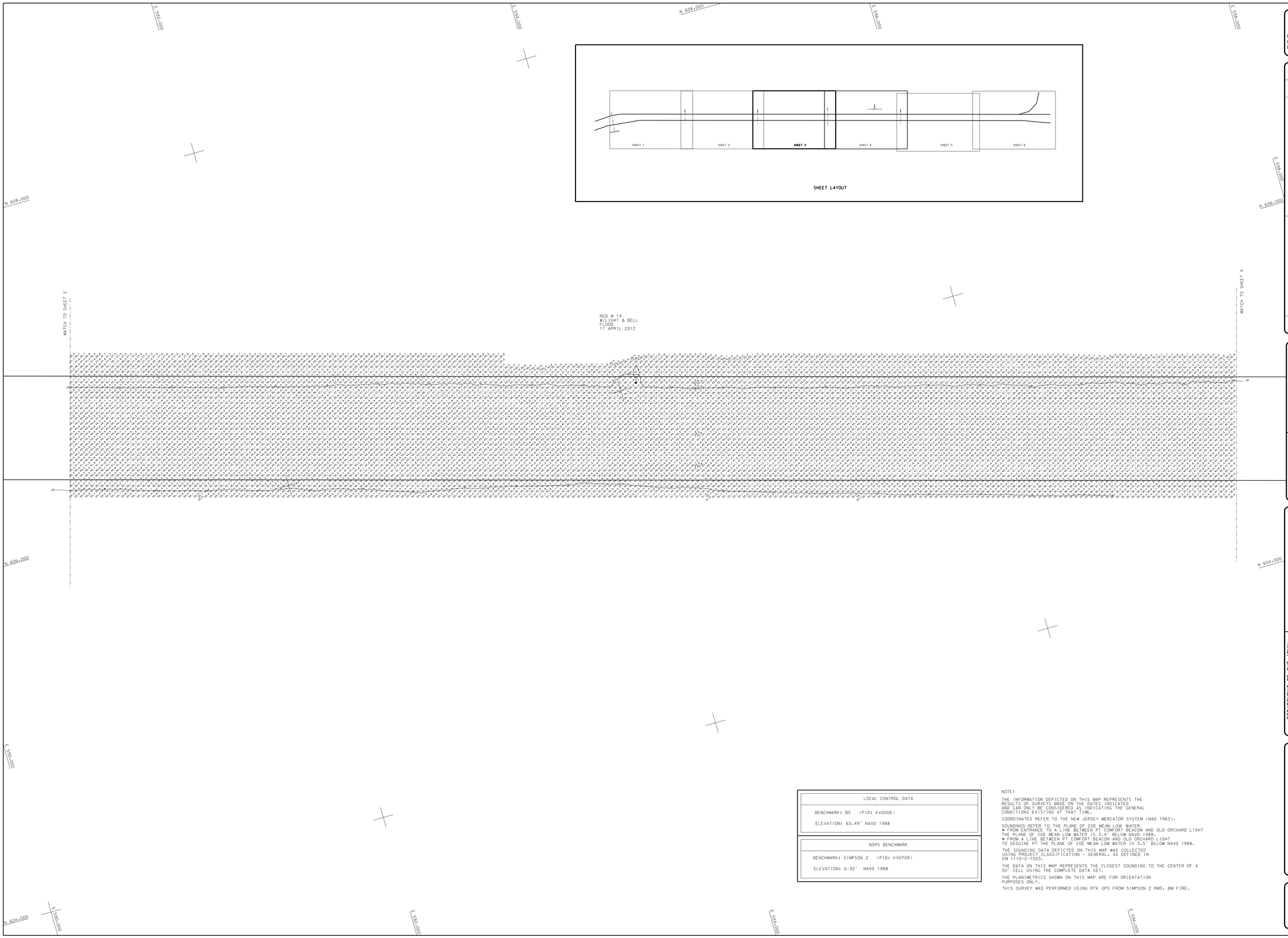
VH-102

SHEET 2 OF 6

1345
38220

CORPS OF ENGINEERS

U. S. ARMY



LOCAL CONTROL DATA
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BENCHMARK: SIMPSON 2 (PID: KV0709)
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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11&12,16-19 APRIL 2012

FILE NO.: 1345
REQUEST NO.: 38220

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
N/A

APPROVED: D. SMITH FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MEYER ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE CHIEF OF SURVEY
DATE: 8 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH

CONDITION SURVEY

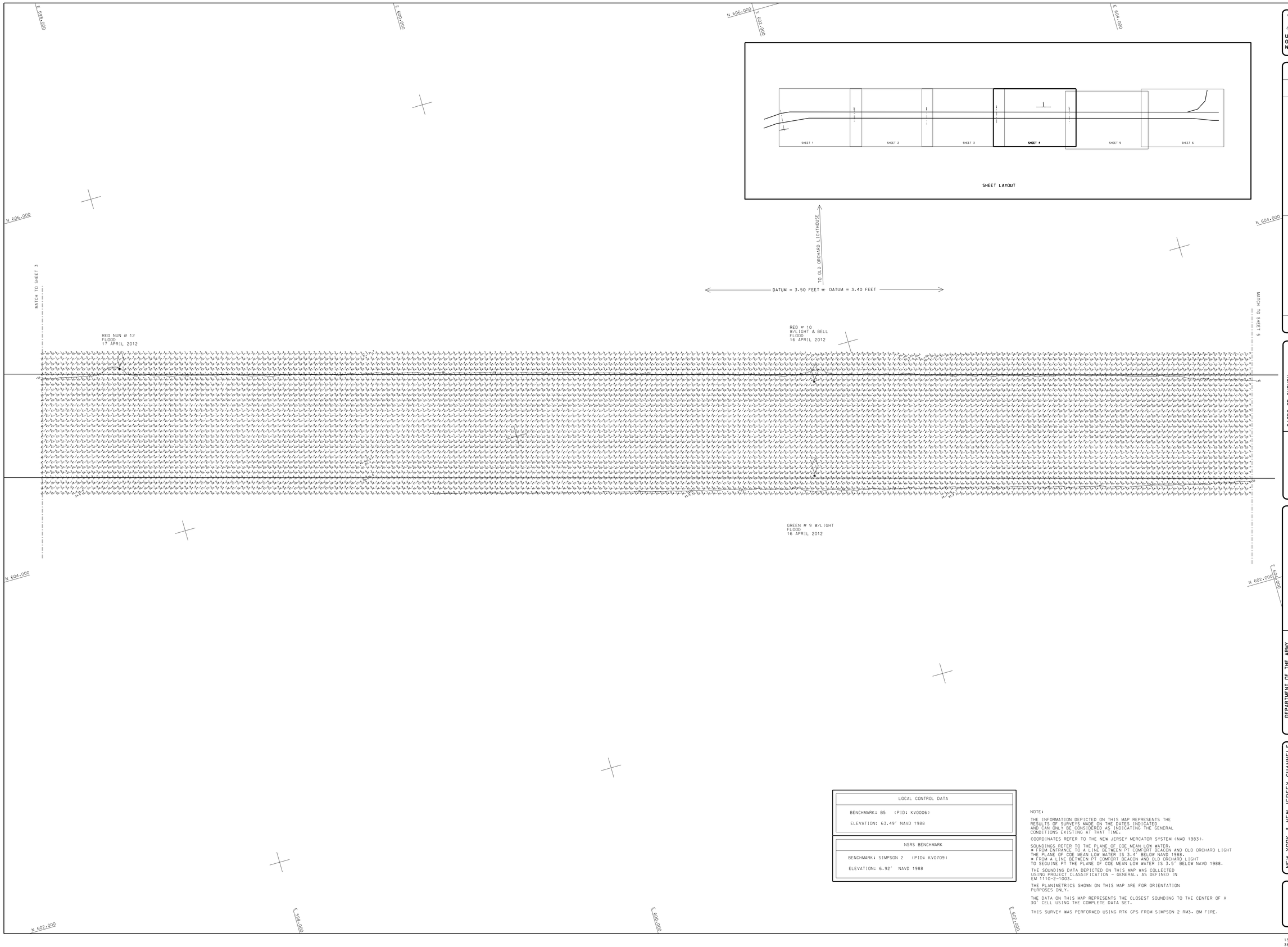
VH-103

SHEET 3 OF 6

1345
38220

CORPS OF ENGINEERS

U. S. ARMY



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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 11&12,16-19 APRIL 2012

SCALE: ONE INCH = 200 FEET

FILE NO.: 1345
REQUEST NO.: 38220

FIELD BOOKS: N/A

APPROVED: D. SMITH — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MRAZ — ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEY
DATE: 8 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

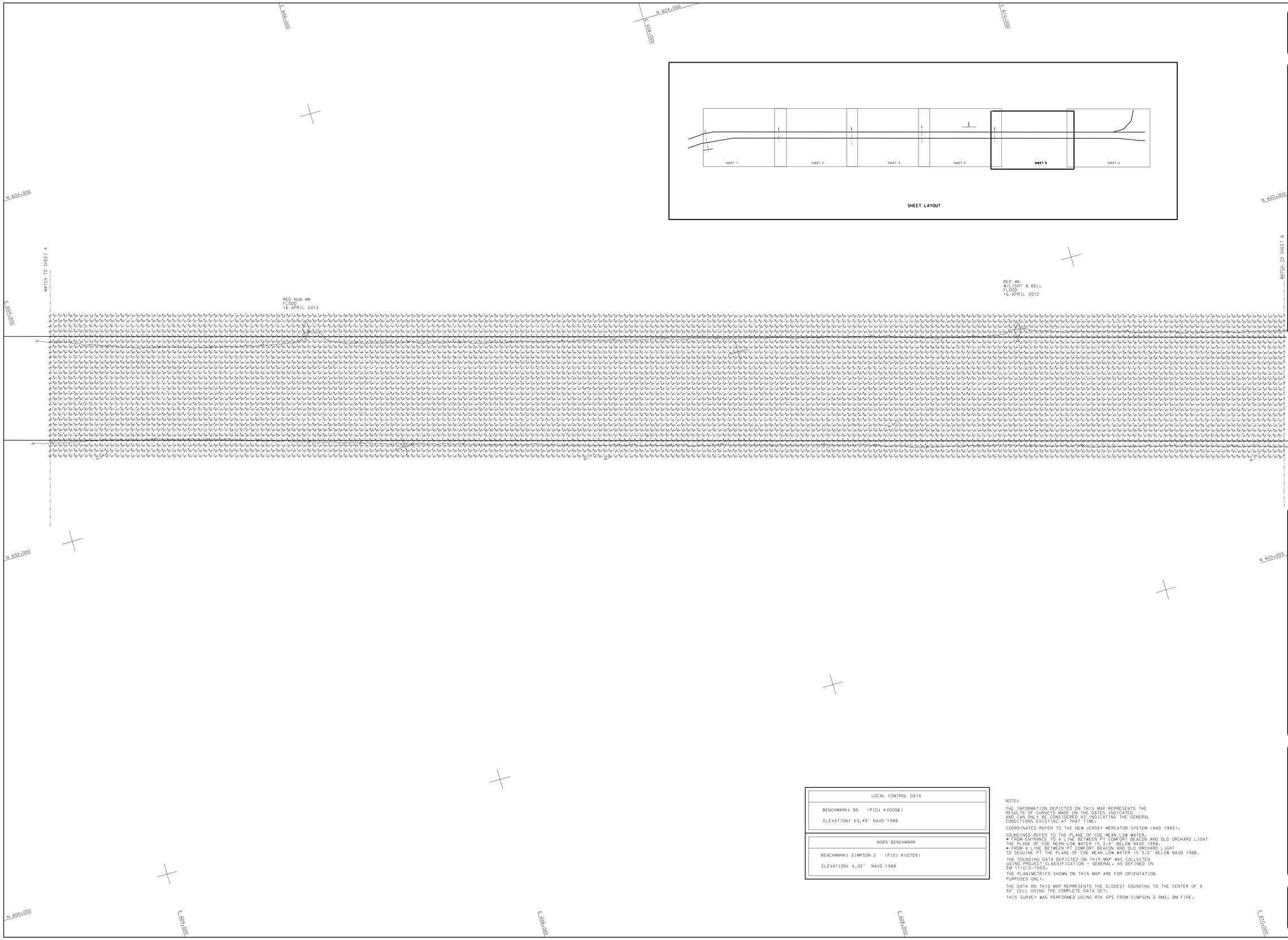
NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH

CONDITION SURVEY

VH-104

SHEET 4 OF 6

1345
38220



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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 13&12,16-19 APRIL 2012

FILE NO.: 1345
REQUEST NO.: 3822D

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: N/A

APPROVED: D. SMITH — FIELD CARTOGRAPHER
APPROVED: M. FORTE — DATA MANAGEMENT SPECIALIST
APPROVED: J. MRAZ — ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEY
DATE: 8 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH

CONDITION SURVEY

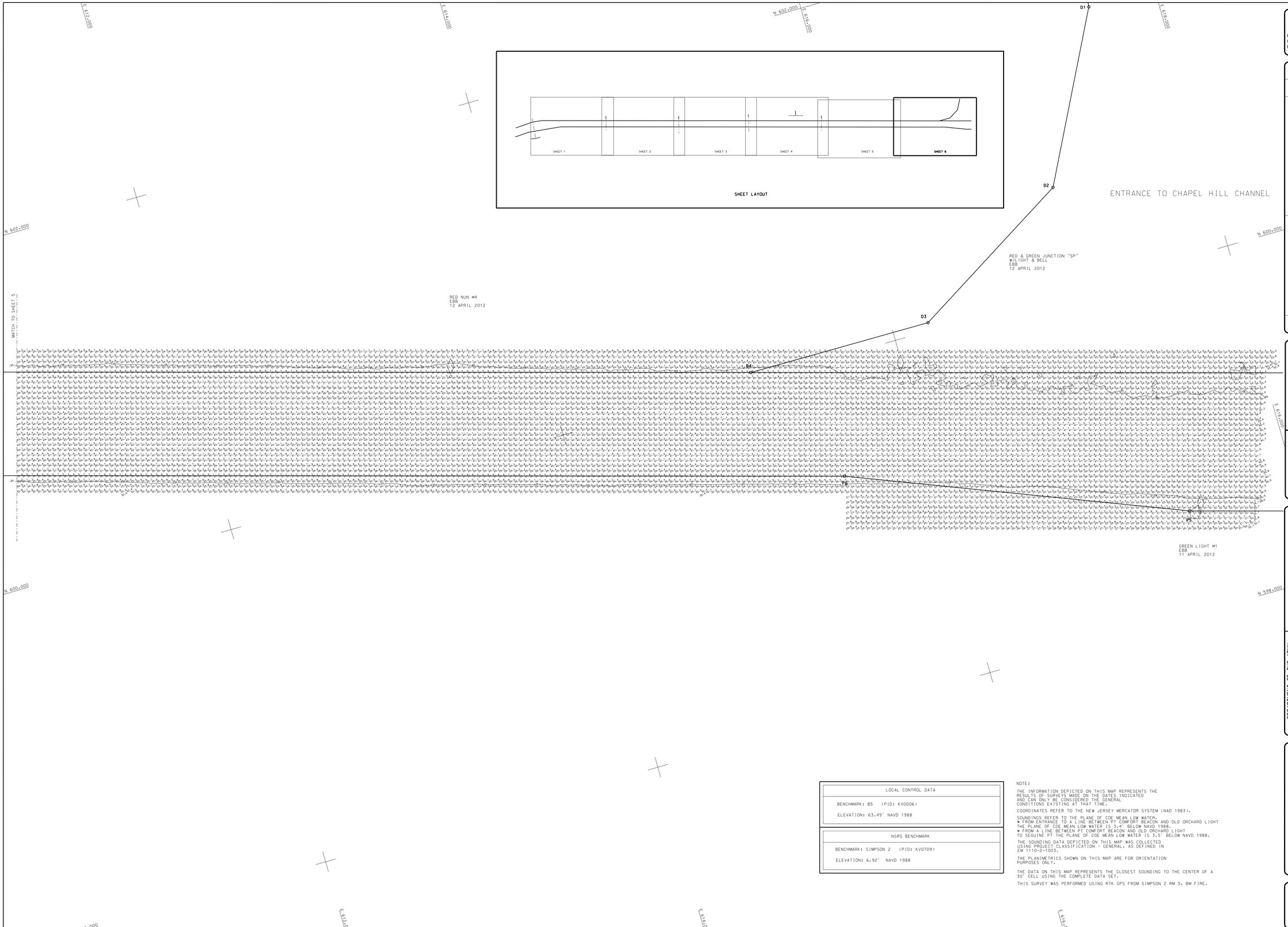
VH-105

SHEET 5 OF 6

1345
3822D

CORPS OF ENGINEERS

U. S. ARMY



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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 13&12,16-19 APRIL 2012

FILE NO.: 1345
REQUEST NO.: 38220

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: 1214
1215

APPROVED: D. SMITH — FIELD SUPERVISOR
APPROVED: M. FORTE — SYS. ENGINEERING TECHNICIAN
APPROVED: J. MRAZ — ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEY
DATE: 8 MAY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH
CONDITION SURVEY

VH-106

SHEET 6 OF 6

1345
38220