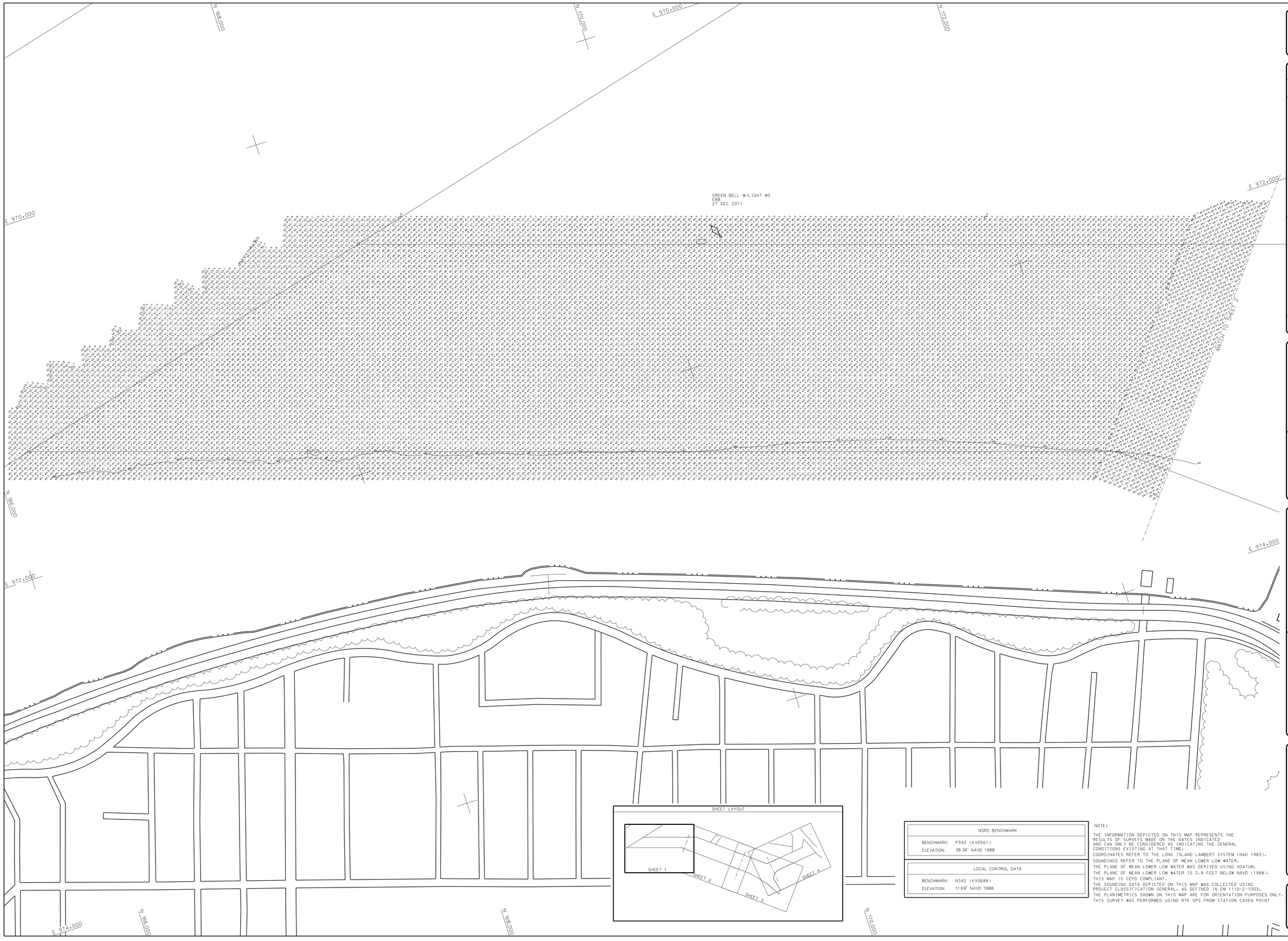
CORPS OF ENGINEERS

U. S. ARMY



NSRS BENCHMARK	
BENCHMARK:	P342 (KV0561)
ELEVATION:	38.36' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	N342 (KV0688)
ELEVATION:	11.69' NAVD 1988

NOTE:

THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
COORDINATES REFER TO THE LONG ISLAND LAMBERT SYSTEM (NAD 1983).
SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.
THE PLANE OF MEAN LOWER LOW WATER WAS DERIVED USING VDATUM.
THE PLANE OF MEAN LOWER LOW WATER IS 2.8 FEET BELOW NAVD (1988).
THIS MAP IS CEPD COMPLIANT.
THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL, AS DEFINED IN EM 1110-2-1003.
THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION CAVEN POINT

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
NOV 21 & 22 NOV, 2, 21, 22 & 27 DEC 2011

FILE NO.: 137
REQUEST NO.: 3765 N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1420

APPROVED: S. RYSHKEWITCH
CHIEF, FIELD SURVEYS

APPROVED: M. FORTE
CHIEF, ENGINEERING TECHNICIAN

APPROVED: J.V. MIRAZ
ASST. CHIEF OF SURVEY

APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY

DATE: JANUARY 2012

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

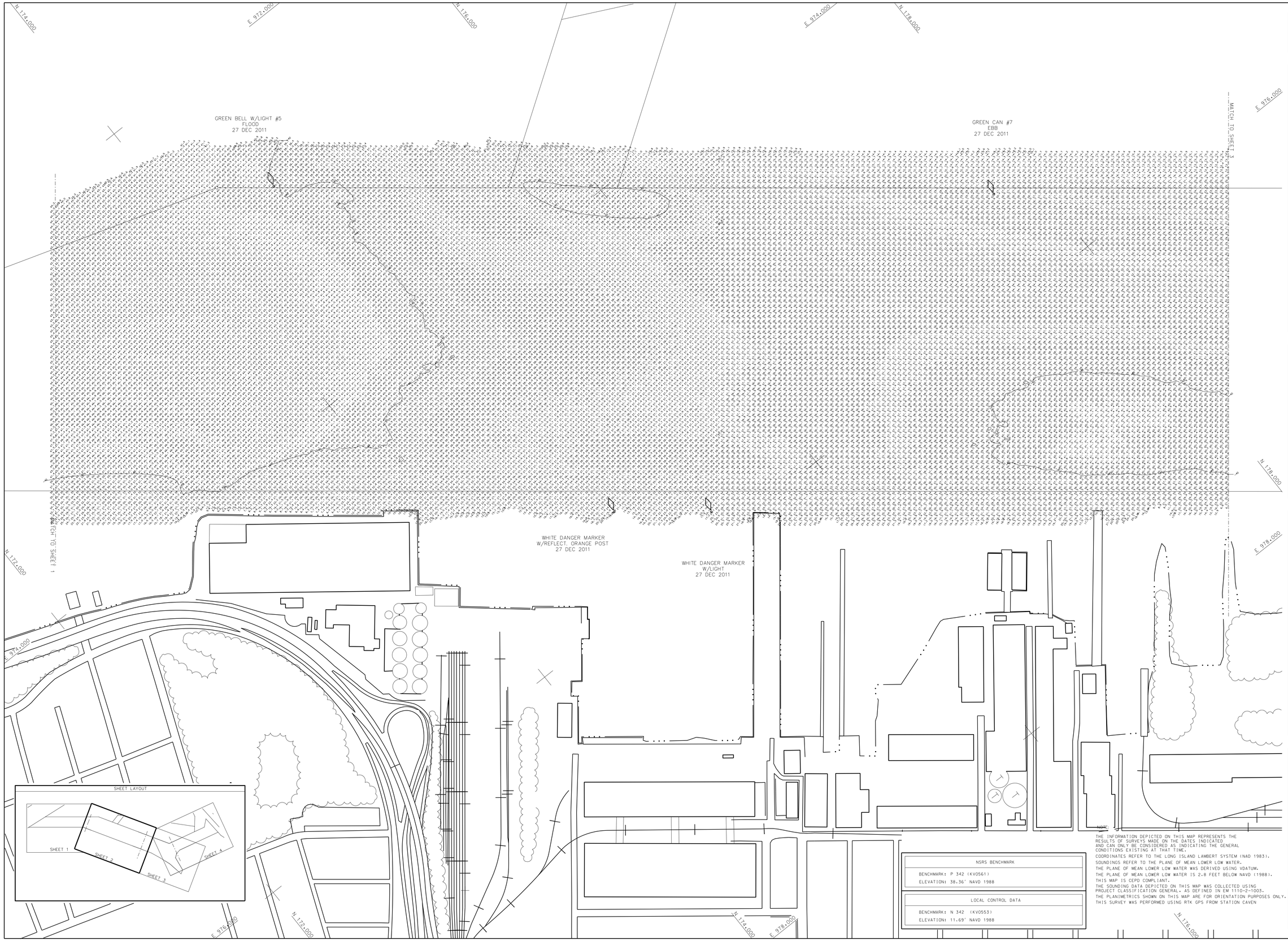
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OPS

BAY RIDGE AND RED HOOK CHANNELS, NEW YORK
CONDITION SURVEY

VH-101

SHEET 1 OF 4

137
3765N2



NOTE:

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

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

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.

THE PLANE OF MEAN LOWER LOW WATER WAS DERIVED USING VDATUM.

THE PLANE OF MEAN LOWER LOW WATER IS 2.8 FEET BELOW NAVD (1988).

THIS MAP IS CEPD COMPLIANT.

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

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

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION CAVEN

NSRS BENCHMARK
BENCHMARK: P 342 (KV0561)
ELEVATION: 38.36' NAVD 1988

LOCAL CONTROL DATA
BENCHMARK: N 342 (KV0553)
ELEVATION: 11.69' NAVD 1988

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
21 & 22 NOV. 2,
21, 22 & 27 DEC 2011

FILE NO.: 137
REQUEST NO.: 3765N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
14281

APPROVED: S. RYSHKEWITCH
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: J. MRAZ
LEAD CARTOGRAPHER

APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY

DATE:

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

BAY RIDGE AND RED HOOK
CHANNELS, NEW YORK

CONDITION SURVEY

VH-102

SHEET 2 OF 4

137
3765N2

CORPS OF ENGINEERS

U. S. ARMY

NOTE:

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

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

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.

THE PLANE OF MEAN LOWER LOW WATER WAS DERIVED USING VDATUM.

THE PLANE OF MEAN LOWER LOW WATER IS 2.8 FEET BELOW NAVD (1988).

THIS MAP IS CEPD COMPLIANT.

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

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

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION CAVEN POINT

NSRS BENCHMARK	
BENCHMARK:	P 342 (KV0561)
ELEVATION:	38.36' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	N 342 (KV0688)
ELEVATION:	11.69' NAVD 1988

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 21 & 22 NOV, 2, 21, 22 & 27 DEC 2011

FILE NO.: 137 REQUEST NO.: 3765N2

SCALE: ONE INCH = 200 FEET

FIELD BOOKS: 14281

APPROVED: S. RYSHKEWITCH FIELD CARTOGRAPHER

APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN

APPROVED: J. MRAZ LEAD CARTOGRAPHER

APPROVED: F. POSTIGLIONE CHIEF OF SURVEY

DATE: JANUARY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

BAY RIDGE AND RED HOOK CHANNELS, NEW YORK

CONDITION SURVEY

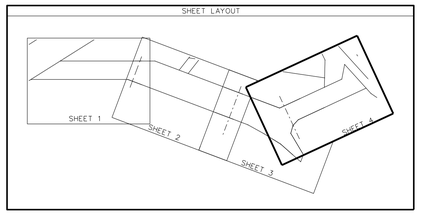
VH-103

SHEET 3 OF 4

137
3765N2

CORPS OF ENGINEERS

U. S. ARMY



N 180.000

E 976.000

N 182.000

N 184.000

N 186.000

E 978.000

E 980.000

BUTTERMILK CHANNEL

MATCH TO SHEET 3

GREEN BELL W/LIGHT #11
FLOOD
27 DEC 2011

RED DAY MARKER

SUBMERGED REMAINS OF DOCK
REPORTED 24 JAN 2007

NSRS BENCHMARK	
BENCHMARK:	P 342 (KV0561)
ELEVATION:	38.36' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	N 342 (KV0688)
ELEVATION:	11.69' NAVD 1988

NOTE:

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

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

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER.

THE PLANE OF MEAN LOWER LOW WATER WAS DERIVED USING VDATUM.

THE PLANE OF MEAN LOWER LOW WATER IS 2.8 FEET BELOW NAVD (1988).

THIS MAP IS CEPD COMPLIANT.

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

THE PLANIMETRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION CAVEN

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
21 & 22 NOV, 2, 21, 22 & 27 DEC 2011

FILE NO.: 137
MICROSTATION: 3765N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
14281

APPROVED: S. RYSHKEWITCH
CHIEF, SURVEY SECTION

APPROVED: M. FORTE
CHIEF, ENGINEERING TECHNICIAN

APPROVED: J. MRAZ
CHIEF, OPERATIONS DIVISION

APPROVED: F. POSTIGLIONE
CHIEF, ENGINEERING DIVISION

DATE: JANUARY 2012
(DATE OF SURVEY)

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

BAY RIDGE AND RED HOOK CHANNELS, NEW YORK

CONDITION SURVEY

VH–104

SHEET 4 OF 4

137
3765N2