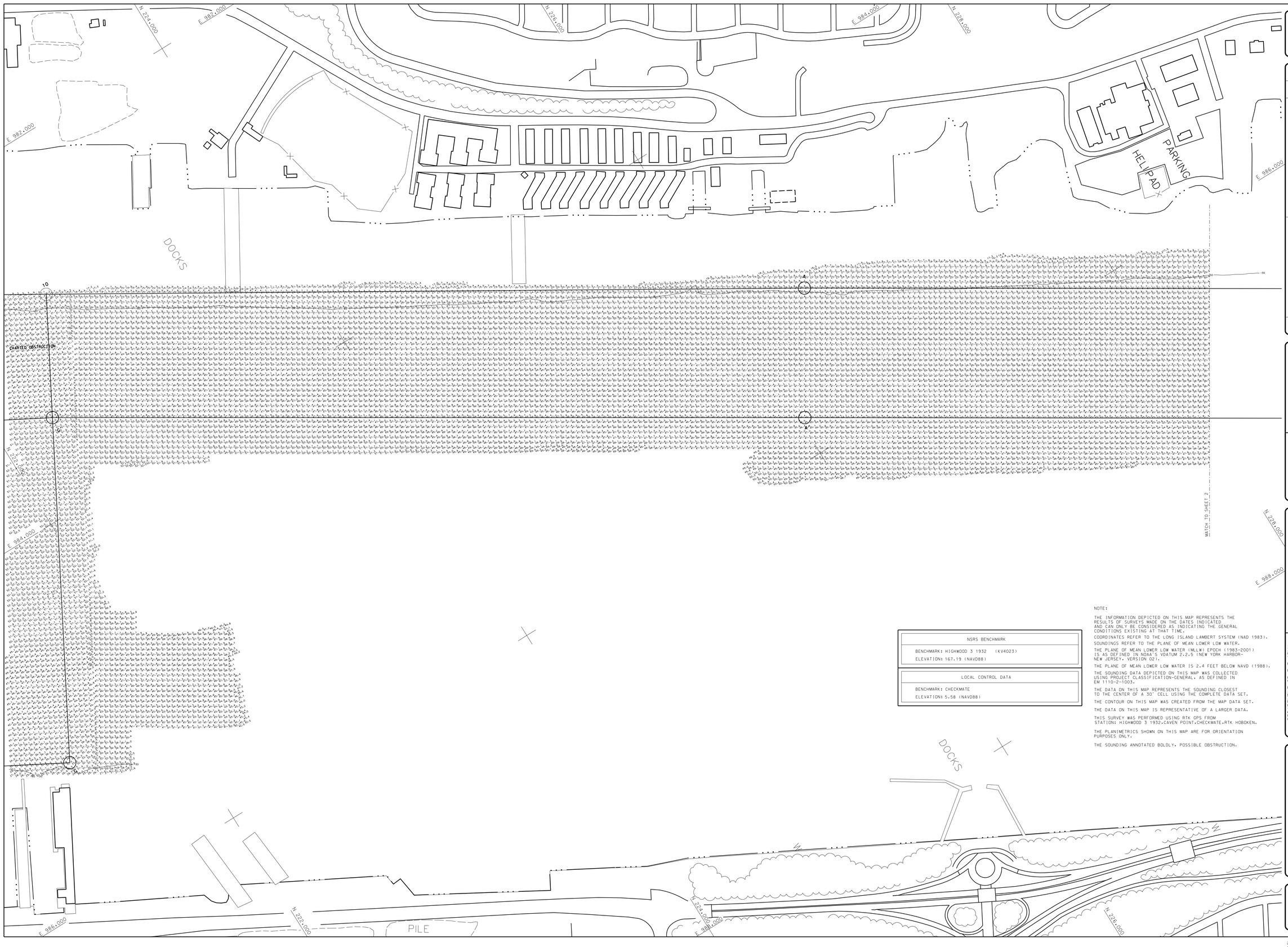
CORPS OF ENGINEERS

U. S. ARMY




| NSRS BENCHMARK |
|---|
| BENCHMARK: HIGHWOOD 3 1932 (KV4023) |
| ELEVATION: 167.19 (NAVD88) |

| LOCAL CONTROL DATA |
|---|
| BENCHMARK: CHECKMATE |
| ELEVATION: 5.58 (NAVD88) |

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 (MLLW) EPOCH (1983-2001) IS AS DEFINED IN NOAA'S VDATUM 2.2.5 (NEW YORK HARBOR-NEW JERSEY, VERSION 02).

THE PLANE OF MEAN LOWER LOW WATER IS 2.4 FEET BELOW NAVD (1988).

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 SOUNDING CLOSEST TO THE CENTER OF A 30' CELL USING THE COMPLETE DATA SET.

THE CONTOUR ON THIS MAP WAS CREATED FROM THE MAP DATA SET.

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

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION: HIGHWOOD 3 1932.CAVEN POINT.CHECKMATE.RTK HOBOKEN.

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

THE SOUNDING ANNOTATED BOLDLY. POSSIBLE OBSTRUCTION.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

**DATES OF SURVEY:**
13 SEP-23 NOV & 27 OCT 2011
13 JAN-22 JUN & 30 DEC 2011
3-5,10-11 JAN, 13 FEB 2012

**SCALE:** ONE INCH = 200 FEET

**FIELD BOOKS:**

FILE NO.: 268
REQUEST NO.: 37480/N2

APPROVED: D. SMITH — S. DYSKIEWICH, CHIEF, SURVEY BRANCH
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MRAZ — ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEY
DATE: 17 FEBRUARY 2012

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

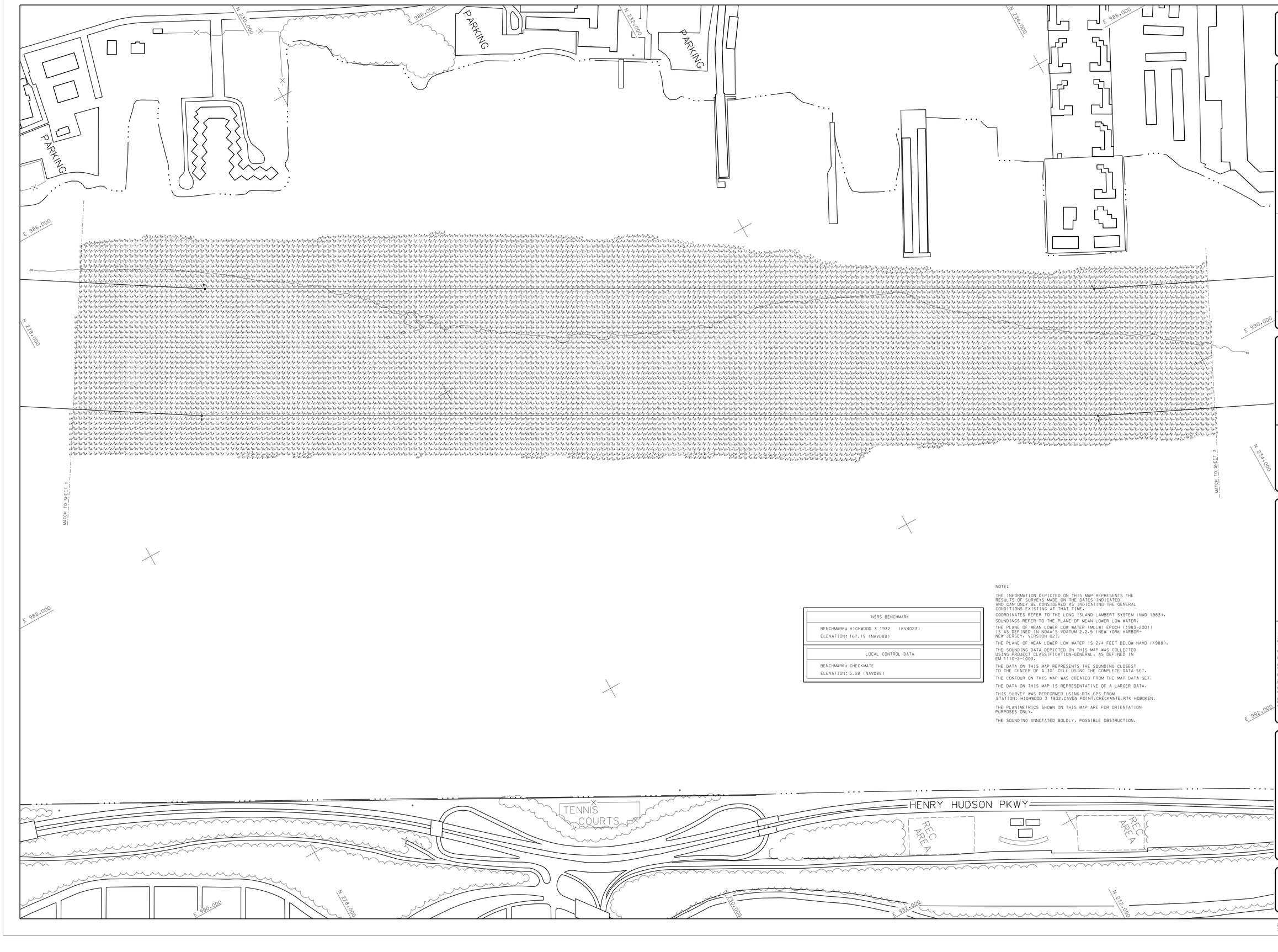
OPERATIONS DIVISION
SURVEYS SECTION
CENAN-OP-S

# HUDSON RIVER, NEW YORK
# EDGEWATER - WEEHAWKEN CHANNEL
# CONDITION SURVEY

**VH-101**

**SHEET 1 OF 4**

268
37480/N2




| NSRS BENCHMARK |
|---|
| BENCHMARK: HIGHWOOD 3 1932 (KV4023) |
| ELEVATION: 167.19 (NAVD88) |

| LOCAL CONTROL DATA |
|---|
| BENCHMARK: CHECKMATE |
| ELEVATION: 5.58 (NAVD88) |

NOTE:

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

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION: HIGHWOOD 3 1932,CAVEN POINT,CHECKMATE,RTK HOBOKEN.

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

THE SOUNDING ANNOTATED BOLDLY, POSSIBLE OBSTRUCTION.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY:
4.6.11-13.18.24.26 OCT 2011
18.22.29 NOV 29-30 DEC 2011
3-5.10-11 JAN 13 FEB 2012

FILE NO.: 268
REQUEST NO.: 3748D/N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: D. SMITH S. RYSHKEWITCH
FIELD CHIEF/SUPERVISOR

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: J. MRAZ
ASST. CHIEF OF SURVEY

APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY

DATE: 17 FEBRUARY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

HUDSON RIVER, NEW YORK
EDGEWATER - WEEHAWKEN CHANNEL

CONDITION SURVEY

VH-102

SHEET 2 OF 4

268
3748D/N2

CORPS OF ENGINEERS

U. S. ARMY




| NSRS BENCHMARK |
|---|
| BENCHMARK: HIGHWOOD 3 1932 (KV4023) |
| ELEVATION: 167.19 (NAVD88) |

| LOCAL CONTROL DATA |
|---|
| BENCHMARK: CHECKMATE |
| ELEVATION: 5.58 (NAVD88) |

NOTE:

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THE PLAN[METRICS SHOWN ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.

THE SOUNDING ANNOTATED BOLDLY. POSSIBLE OBSTRUCTION.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
4-6,11-13,18,24&26 OCT 2011
18,22,23,30&31 JAN 23 DEC 2011
2-5,10-13 JAN 13 FEB 2012

SCALE: ONE INCH = 200 FEET

FIELD BOOKS:

FILE NO.: 268
REQUEST NO.: 3748D/N2

APPROVED: D. SMITH — S. PITSKAITCH, CHIEF, SURVEY SECTION
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MRAZ — ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE — CHIEF OF SURVEY
DATE: 17 FEBRUARY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

# HUDSON RIVER, NEW YORK
# EDGEWATER - WEEHAWKEN CHANNEL
# CONDITION SURVEY

VH-103

SHEET 3 OF 4

268
3748D/N2

CORPS OF ENGINEERS

U. S. ARMY

| NSRS BENCHMARK |
|---|
| BENCHMARK: HIGHWOOD 3 1932 (KV4023) |
| ELEVATION: 167.19 (NAVD88) |

| LOCAL CONTROL DATA |
|---|
| BENCHMARK: CHECKMATE |
| ELEVATION: 5.58 (NAVD88) |

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

THE SOUNDING ANNOTATED BOLDLY. POSSIBLE OBSTRUCTION.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

**DATES OF SURVEY:**
15 & 17 OCT 2011 - 25 OCT 2011
18 & 21 NOV 2011 - 23 DEC 2011
1 & 4 JAN 2012 - 13 FEB 2012

FILE NO.: 268
REQUEST NO.: 37480/N2

**SCALE:** ONE INCH = 200 FEET

**FIELD BOOKS:**

APPROVED: D. SMITH — S. RYSKAMP/TCH
CHIEF, OPERATIONS DIVISION — FIELD ENGINEERS

APPROVED: M. FORTE
CHIEF, SURVEY SECTION — CIVIL ENGINEERING TECHNICIAN

APPROVED: J. MIRAZ — ASST. CHIEF OF SURVEY

APPROVED: F. POSTIGLIONE — CHIEF OF SURVEY

DATE: 17 FEBRUARY 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

HUDSON RIVER, NEW YORK
EDGEWATER - WEEHAWKEN CHANNEL
CONDITION SURVEY

VH-104

SHEET 4 OF 4

268
37480/N2