NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

SHEET 1 OF 14

VH-101

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

APPROVED: S. RYSHKEWITCH
CHIEF, SURVEY SECTION

APPROVED: M. FORTE
CHIEF, NAVIGATION BRANCH

APPROVED: J.V. MRAZ
CHIEF, FIELD OPERATIONS BRANCH

APPROVED: E.F. POSTIGLIONE
CHIEF, SURVEY UNIT

DATE: JUNE 2012

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

DATES OF SURVEY:
11-12, 16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
REGION NO.: 381N2

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

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.

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

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER 88. MLLW WAS DETERMINED USING VDATUM (VERSION 2.3.3?) EPOCH 1983-2001

THE PLANE OF MEAN LOWER LOW WATER IS 3.0 FEET BELOW NAVD 88.

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

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RIVERFRONT.

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

THIS MAP IS CFPO COMPLIANT.

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

LOCAL CONTROL DATA

BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK

BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

LEGEND

BRUSH LINE
DECIDUOUS TREE
PILE/POLE
EDGE OF WATER

N. 685,000
N. 684,000
N. 683,000
E 598,000
E 597,000
E 596,000

NEWARK BAY

PASSAIC RIVER

NEWARK, N.J.

JUNCTION BEACON "NB"

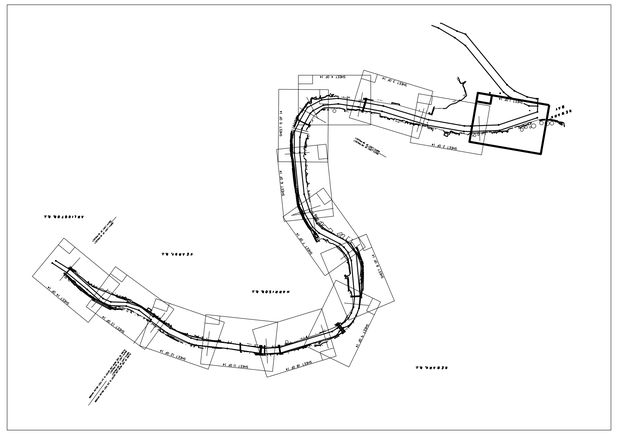
BULKHEAD

BARGE

MOORE

MATCH TO SHEET 2

RED LIGHT #2
FEB 17 APR 2012



CORPS OF ENGINEERS

U. S. ARMY

N 686,000

N 687,000

N 688,000

N 689,000

E 596,000

E 597,000

E 598,000

N E W A R K, N. J.

MATCH TO SHEET 1

MATCH TO SHEET 3

ROCKS

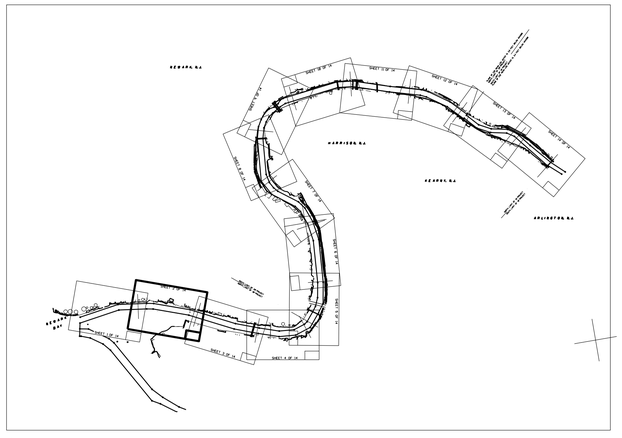
CONFINEMENT BOOM

SUBMERGED PILINGS

BARGE

RED NUN "4
EBB
17 APR 2012

P A S S A I C R I V E R



LEGEND

BRUSH LINE	~~~~~
DECIDUOUS TREE	⊛
PILE/POLE	○
EDGE OF WATER	— · — · —

LOCAL CONTROL DATA

BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK

BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

NOTE:

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

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

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER
THE PLANE OF MEAN LOWER LOW WATER IS 3.0 FEET BELOW NAVD 88.

MLLW WAS DETERMINED USING VDATUM (VERSION 2.3.3)
EPOCH 1983-2001
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 DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RIVERFRONT.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11-12,16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 381N2

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH, FIELD SUPERVISOR
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MIRAZ, ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE, CHIEF OF SURVEY
DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

VH-102

SHEET 2 OF 14

932
381N2

CORPS OF ENGINEERS

U. S. ARMY

N. 680,000

N. 681,000

N. 682,000

E 597,000

E 598,000

E 599,000

N E W A R K, N. J.

ROCKS

PILINGS

WOOD PILING CLUSTER

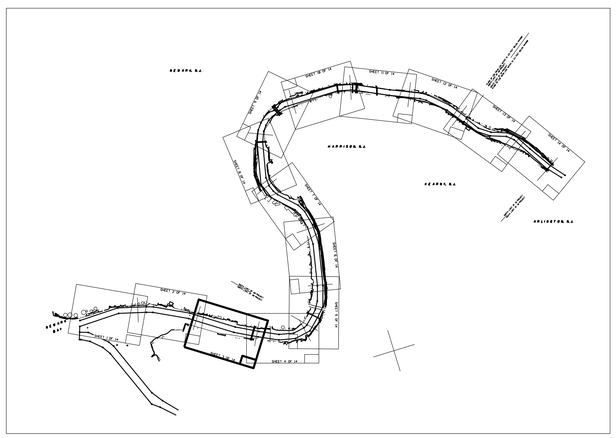
BARGE

MATCH TO SHEET 2

MATCH TO SHEET 4

LINCOLN TIDE STAFF

P A S S A I C R I V E R



LEGEND

BRUSH LINE	~~~~~
DECIDUOUS TREE	⊛
PILE/POLE	○
EDGE OF WATER	— - — ——— — - —

LOCAL CONTROL DATA
BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK
BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

NOTE:

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EPOCH 1983-2001
THIS MAP IS CEPD COMPLIANT.

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

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RIVERFRONT.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:

DATES OF SURVEY: 11-12,16-18, 23 & 26 APR; 8 MAY- A 7 JUN, 2012

FILE NO.: 932
REQUEST NO.: 381N2

APPROVED: S. RYSHKEWITCH
CHIEF, SURVEY SECTION

APPROVED: M. FORTE
CHIEF, ENGINEERING DIVISION

APPROVED: J. MRAZ
ASST. CHIEF OF SURVEY

APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY

DATE: JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OPS

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

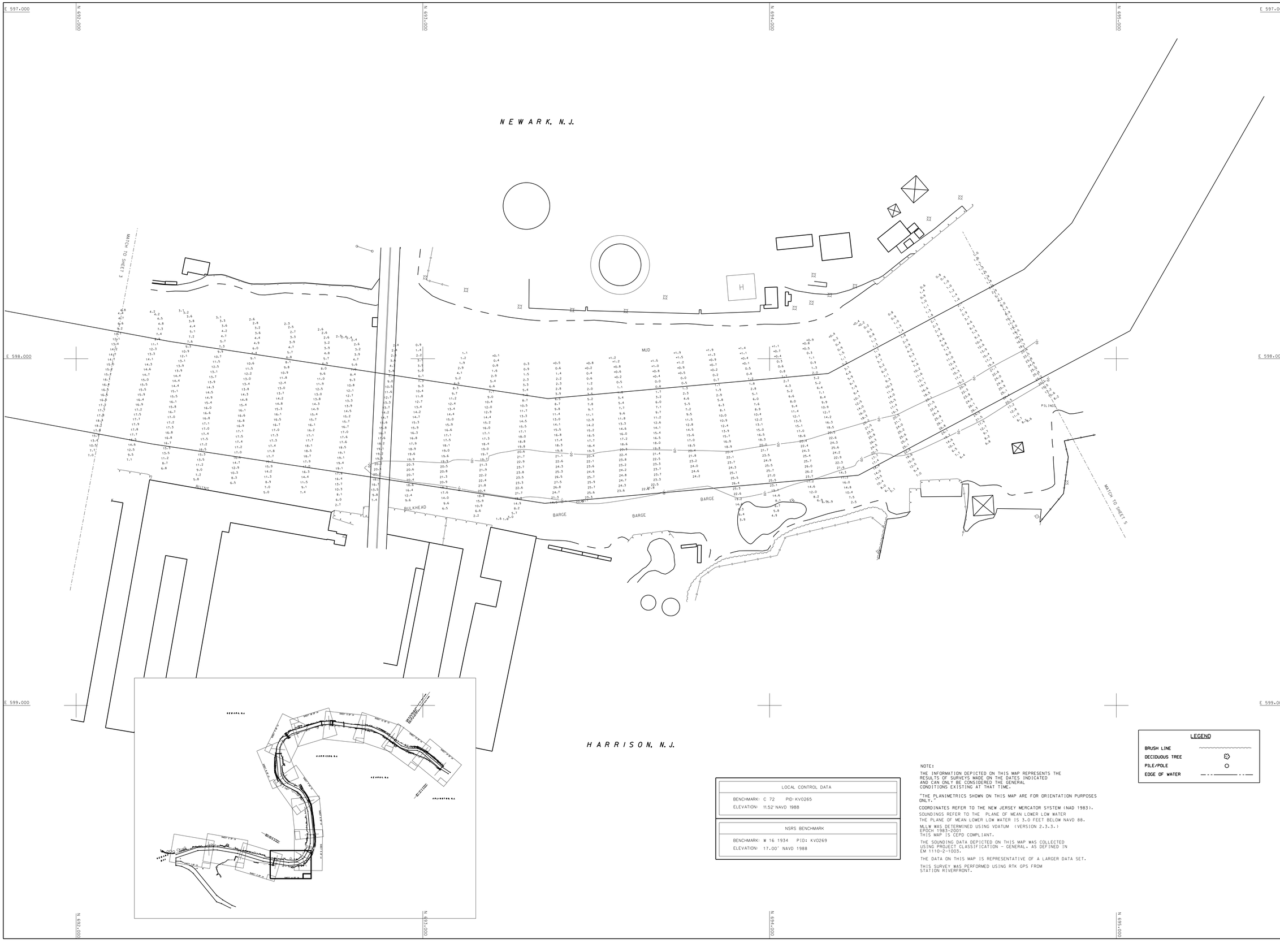
VH-103

SHEET 3 OF 14

932
381N2

CORPS OF ENGINEERS

U. S. ARMY



LOCAL CONTROL DATA
BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK
BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

NOTE:

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THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RIVERFRONT.

LEGEND

BRUSH LINE	
DECIDUOUS TREE	
PILE/POLE	
EDGE OF WATER	

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11-12, 16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 3817N2

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: J. MRAZ
ASST. CHIEF OF SURVEY

APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY

DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

VH-104

SHEET 4 OF 14

932
3817N2

CORPS OF ENGINEERS

U. S. ARMY

E 595,000 E 596,000 E 597,000 E 598,000

N 696,000 N 695,000 N 694,000

MATCH TO SHEET 6

HARRISON, N.J.

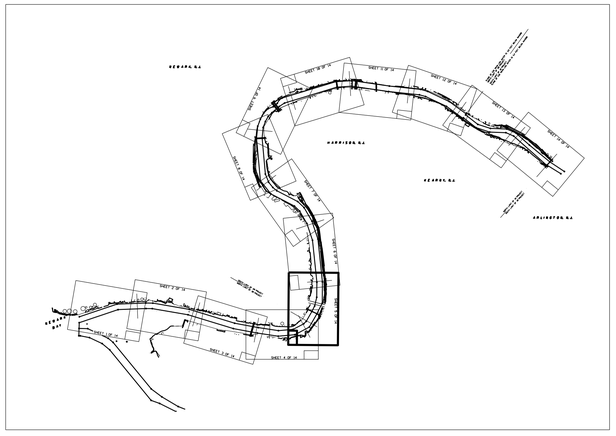
ROCKS

PASSAIC RIVER

NEWARK, N.J.

SOUTH LIMIT OF 20' PROJECT
NORTH LIMIT OF 35' PROJECT

MATCH TO SHEET 4



LOCAL CONTROL DATA

BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK

BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

NOTE:

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

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EPOCH 1983-2001
THIS MAP IS CEPD COMPLIANT.

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

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RIVERFRONT.

LEGEND

BRUSH LINE
DECIDUOUS TREE
PILE/POLE
EDGE OF WATER

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11-12,16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:

FILE NO.: 932
HECKEST NO.: 3817N2

APPROVED: S. RYSHKEWITCH, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MRAZ, HSTC, CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE, CHIEF OF SURVEY
DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEYS SECTION
CEBNA-OPS

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

VH-105

SHEET 5 OF 14

932
3817N2

CORPS OF ENGINEERS

U. S. ARMY

E 592.000

E 593.000

E 594.000

E 595.000

N 696.000

N 695.000

N 694.000

HARRISON, N.J.

NEWARK, N.J.

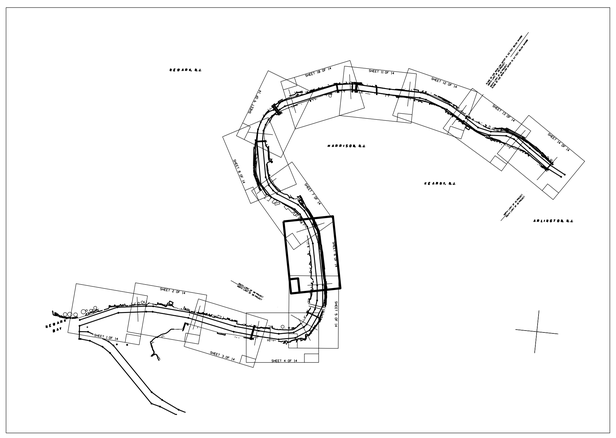
PASSAIC RIVER

PIPE LINE

WATERS EDGE

MATCH TO SHEET 7

MATCH TO SHEET 5



LEGEND

BRUSH LINE	
DECIDUOUS TREE	
PILE/POLE	
EDGE OF WATER	

LOCAL CONTROL DATA

BENCHMARK: C 72 PID: KV0265

ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK

BENCHMARK: W 16 1934 PID: KV0269

ELEVATION: 17.00' NAVD 1988

NOTE:

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SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER

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MLLW WAS DETERMINED USING VDATUM (VERSION 2.3.3.) EPOCH 1983-2001

THIS MAP IS CEPD COMPLIANT.

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THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RIVERFRONT.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY:
11-12,16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 38TN2

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH
CHIEF, ENGINEERING & CONSTRUCTION DIVISION

APPROVED: M. FORTE
CHIEF, ENGINEERING TECHNICIAN

APPROVED: J. MRAZ
CHIEF, SURVEY SECTION

APPROVED: F. POSTIGLIONE
CHIEF OF SURVEYS

DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

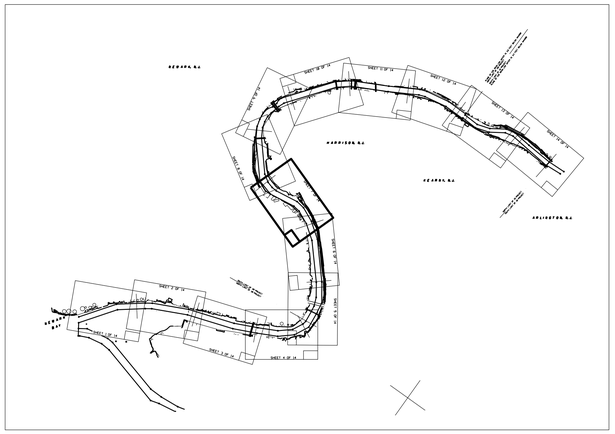
VH-106

SHEET 6 OF 14

932
38TN2

CORPS OF ENGINEERS

U. S. ARMY



HARRISON, N.J.

NEWARK, N.J.

PASSAIC RIVER

WATERS EDGE

MATCH TO SHEET 8

MATCH TO SHEET 6

E 589,000

E 590,000

E 591,000

E 592,000

E 593,000

E 594,000

N 694,000

N 695,000

N 696,000

N 697,000

N 693,000

LEGEND	
BRUSH LINE	
DECIDUOUS TREE	
PILE/POLE	
EDGE OF WATER	

LOCAL CONTROL DATA
BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK
BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

NOTE:

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

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER

THE PLANE OF MEAN LOWER LOW WATER IS 3.0 FEET BELOW NAVD 88.

MLLW WAS DETERMINED USING VDATUM (VERSION 2.3.3.)
EPOCH 1983-2001
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 DATA ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET.

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RIVERFRONT.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11-12,16-18; 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 3817N2

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RISHKEWITCH
CHIEF, ENGINEERING DIVISION

APPROVED: M. FORTE
CHIEF, ENGINEERING SECTION

APPROVED: J. MRAZ
CHIEF, COAST OF JERSEY

APPROVED: F. POSTIGLIONE
CHIEF, COAST OF JERSEY

DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK
& PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

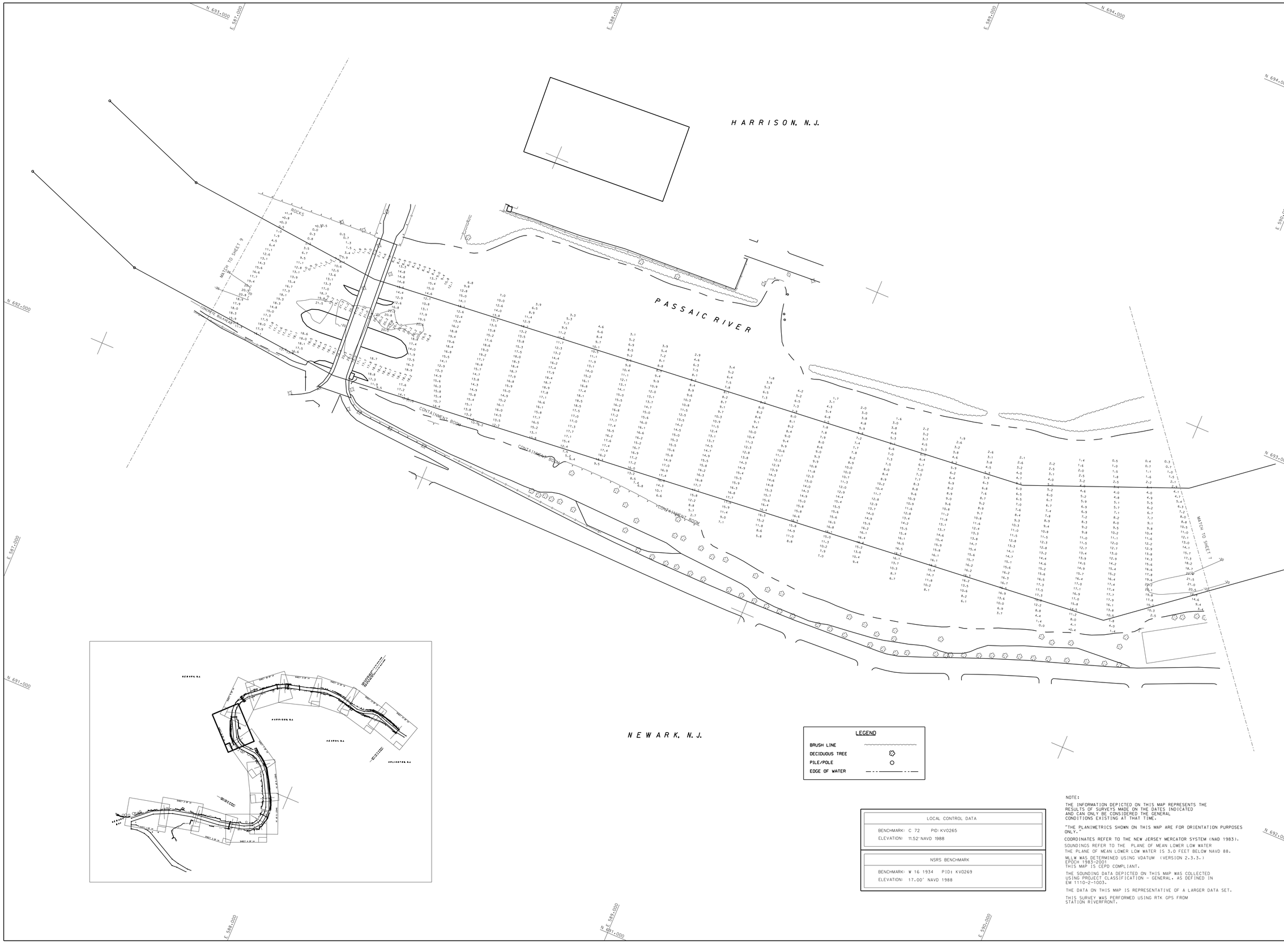
VH-107

SHEET 7 OF 14

932
3817N2

CORPS OF ENGINEERS

U. S. ARMY



LEGEND

BRUSH LINE	
DECIDUOUS TREE	
PILE/POLE	
EDGE OF WATER	

LOCAL CONTROL DATA
BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK
BENCHMARK: W 16 1934 PID: KV0269
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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 11-12,16-18, 23 & 26 APR 8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 3817N2

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MRAZ, ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE, CHIEF OF SURVEY
DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

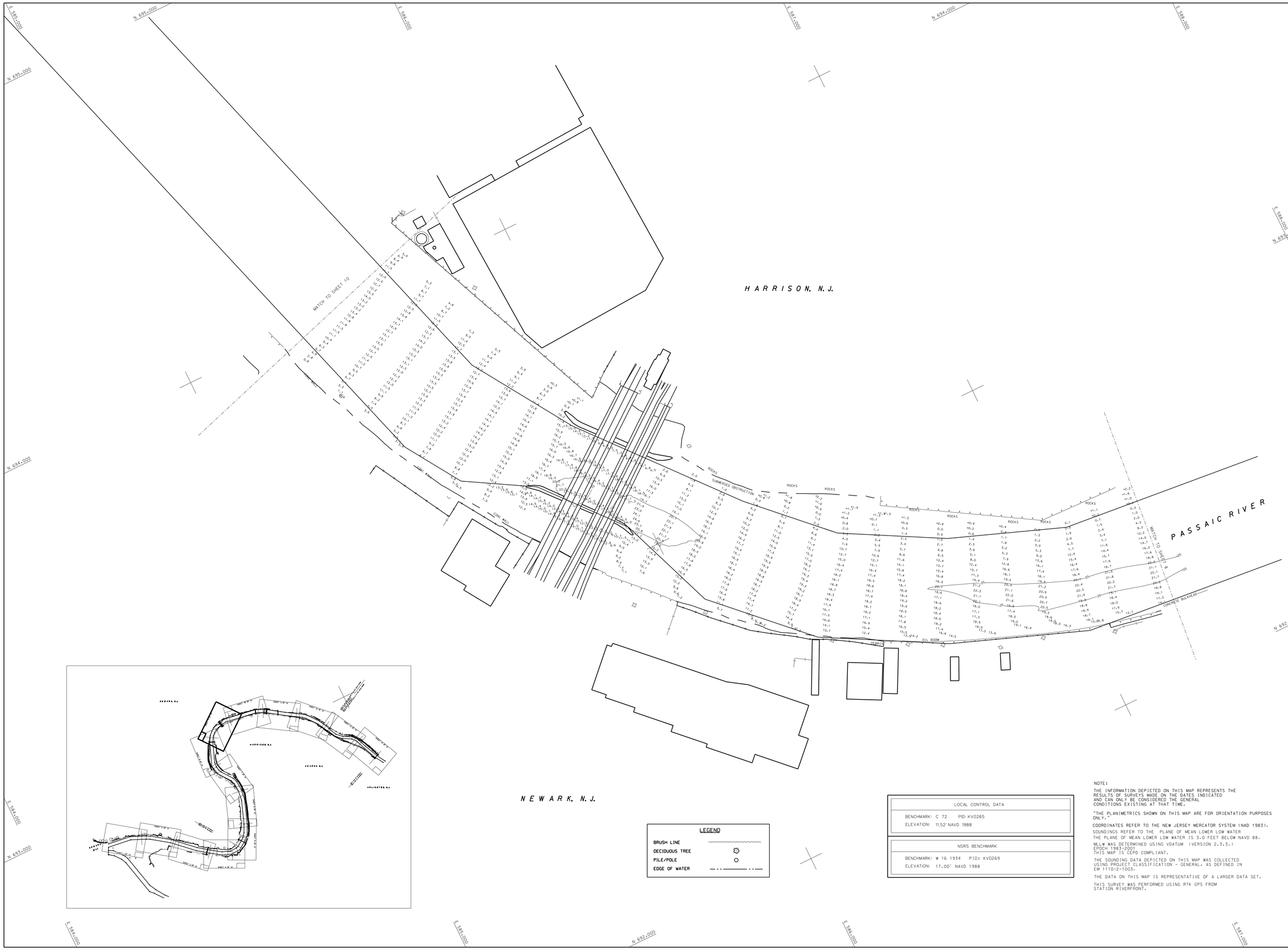
VH-108

SHEET 8 OF 14

932
3817N2

CORPS OF ENGINEERS

U. S. ARMY



LEGEND

BRUSH LINE	
DECIDUOUS TREE	
PILE/POLE	
EDGE OF WATER	

LOCAL CONTROL DATA	
BENCHMARK: C 72	PID: KV0265
ELEVATION: 11.52' NAVD 1988	

NSRS BENCHMARK	
BENCHMARK: W 16 1934	PID: KV0269
ELEVATION: 17.00' NAVD 1988	

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11-12,16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 3817N2

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH
CHIEF, CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: J. MRAZ
ASST. CHIEF OF SURVEY

APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY

DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

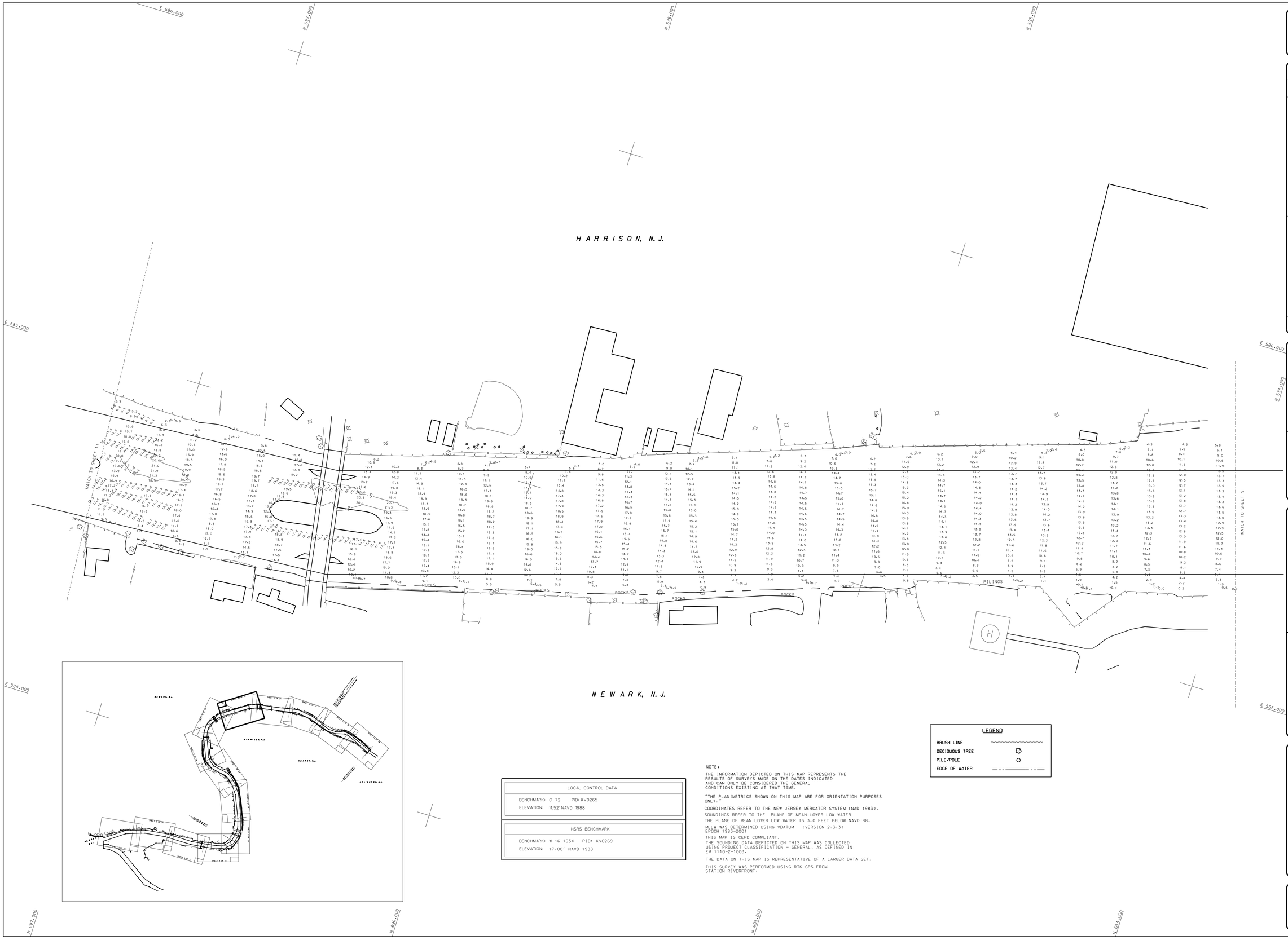
PASSAIC RIVER

CONDITION SURVEY

VH-109

SHEET 9 OF 14

932
3817N2



LOCAL CONTROL DATA
BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK
BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

NOTE:

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

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

SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER

THE PLANE OF MEAN LOWER LOW WATER IS 3.0 FEET BELOW NAVD 88.

MLLW WAS DETERMINED USING VDATUM (VERSION 2.3.3) EPOCH 1983-2001

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

THIS SURVEY WAS PERFORMED USING RTK GPS FROM STATION RIVERFRONT.

LEGEND

BRUSH LINE	
DECIDUOUS TREE	
PILE/POLE	
EDGE OF WATER	

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11-12,16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 3817N2

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH
CHIEF, CARTOGRAPHER
APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MRAZ
ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY
DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

VH-110

SHEET 10 OF 14

932
3817N2

CORPS OF ENGINEERS

U. S. ARMY

N 698.000

N 699.000

N 700.000

E 584.000

E 585.000

E 586.000

N 697.000

N 696.000

N 695.000

N 694.000

N 693.000

N E W A R K, N. J.

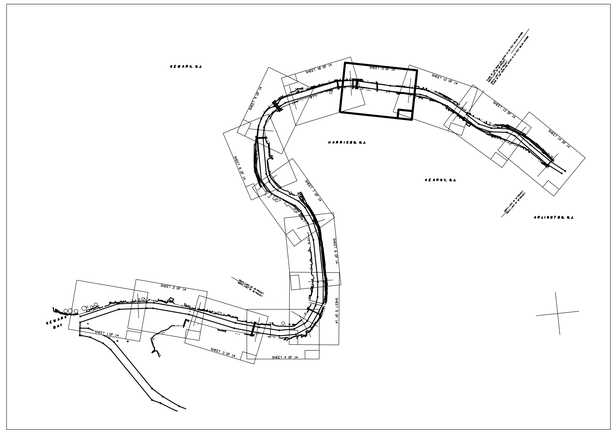
H A R R I S O N, N. J.

MATCH TO SHEET 10

MATCH TO SHEET 12

ABANDONED PIER

OVERHANGING TREES



LEGEND

BRUSH LINE	~~~~~
DECIDUOUS TREE	⊛
PILE/POLE	○
EDGE OF WATER	— · — · —

LOCAL CONTROL DATA
BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK
BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

NOTE:

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SOUNDINGS REFER TO THE PLANE OF MEAN LOWER LOW WATER

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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 11-12,16-18, 23 & 26 APR 8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 3817N2

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH, FIELD SURVEILLANCE
APPROVED: M. FORTE, CHIEF, ENGINEERING TECHNICIAN
APPROVED: J. MRAZ, ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE, CHIEF OF SURVEY
DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

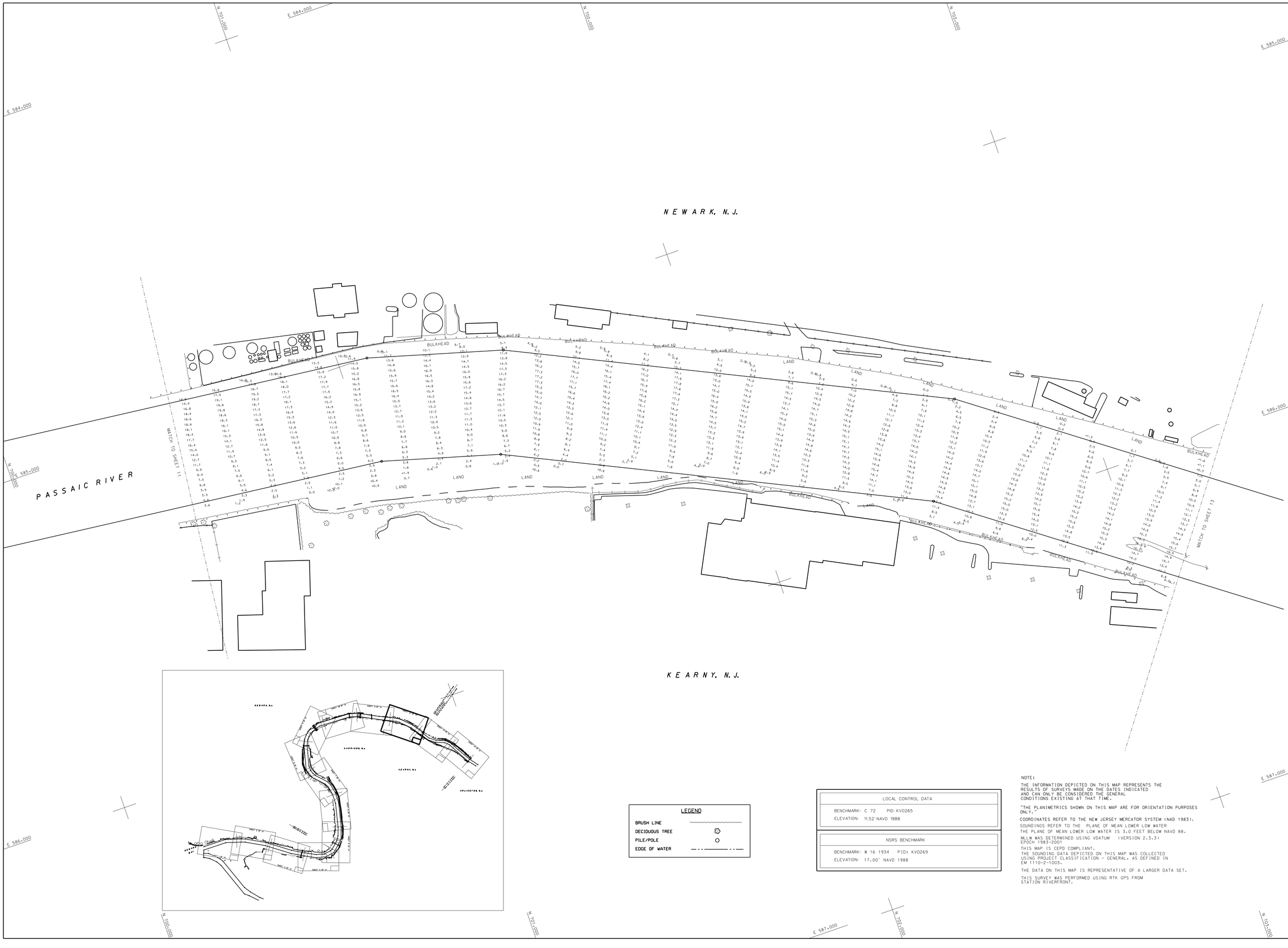
PASSAIC RIVER

CONDITION SURVEY

VH-111

SHEET 11 OF 14

932
3817N2



LEGEND

BRUSH LINE	
DECIDUOUS TREE	
PILE/POLE	
EDGE OF WATER	

LOCAL CONTROL DATA

BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK

BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11-12,16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 3817N2

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: J. MRAZ
ASST. CHIEF OF SURVEY

APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY

DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

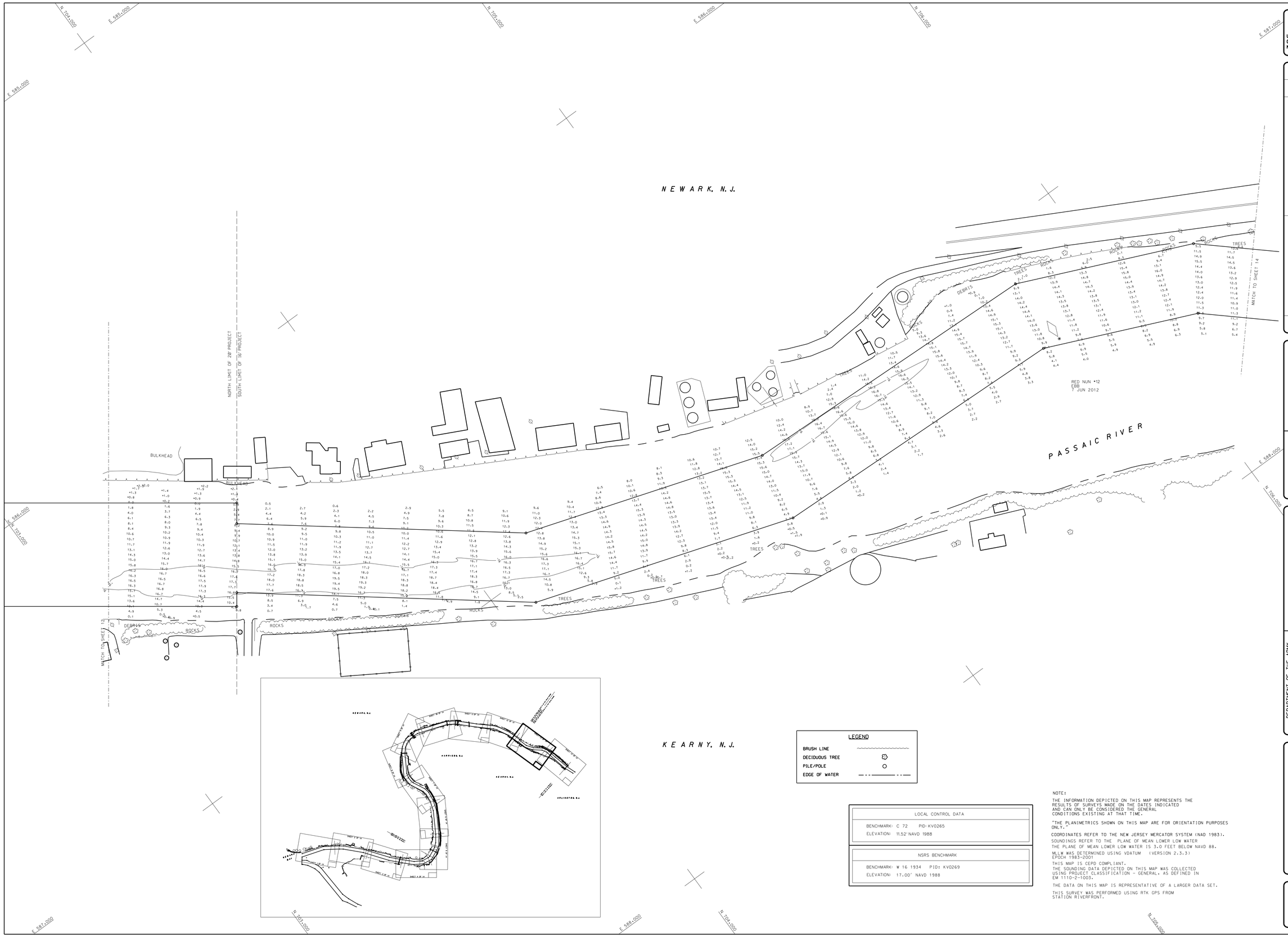
PASSAIC RIVER

CONDITION SURVEY

VH-112

SHEET 12 OF 14

932
3817N2



LEGEND

BRUSH LINE	
DECIDUOUS TREE	
PILE/POLE	
EDGE OF WATER	

LOCAL CONTROL DATA

BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK

BENCHMARK: W 16 1934 PID: KV0269
ELEVATION: 17.00' NAVD 1988

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11-12,16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
REQUEST NO.: 3817N2

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH
FIELD CARTOGRAPHER
APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN
APPROVED: J. MRAZ
ASST. CHIEF OF SURVEY
APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY
DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

VH-113

SHEET 13 OF 14

932
3817N2

CORPS OF ENGINEERS

U. S. ARMY

N 707,000

E 587,000

N 709,000

N 709,000

E 588,000

E 589,000

E 587,000

N 709,000

NEWARK, N.J.

NORTH LIMIT OF 16' PROJECT
SOUTH LIMIT OF 10' PROJECT

PASSAIC RIVER

WALL

TREES

MATCH TO SHEET 13

FLOATING DOCK

FLOATING DOCK

TREES

TREES

TREES

TREES

TREES

KEARNY, N.J.

ARLINGTON, N.J.

E 590,000

E 589,000

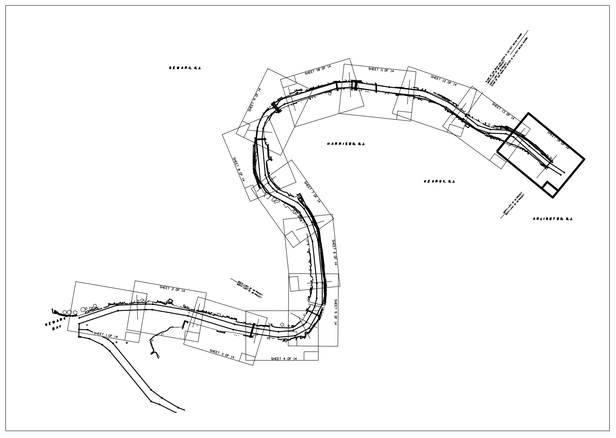
N 706,000

E 589,000

N 707,000

E 590,000

N 708,000



LEGEND	
BRUSH LINE	
DECIDUOUS TREE	
PILE/POLE	
EDGE OF WATER	

LOCAL CONTROL DATA
BENCHMARK: C 72 PID: KV0265
ELEVATION: 11.52' NAVD 1988

NSRS BENCHMARK
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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
11-12,16-18, 23 & 26 APR
8 MAY & 7 JUN 2012

FILE NO.: 932
HECKST NO.: 387NZ

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: S. RYSHKEWITCH
FIELD CHRONOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: J. MIAZ
CHIEF, COAST OF SURVEY

APPROVED: F. POSTIGLIONE
CHIEF OF SURVEY

DATE: 13 JUN 2012

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OPS

NEWARK BAY, HACKENSACK & PASSAIC RIVERS, N.J.

PASSAIC RIVER

CONDITION SURVEY

VH-114

SHEET 14 OF 14