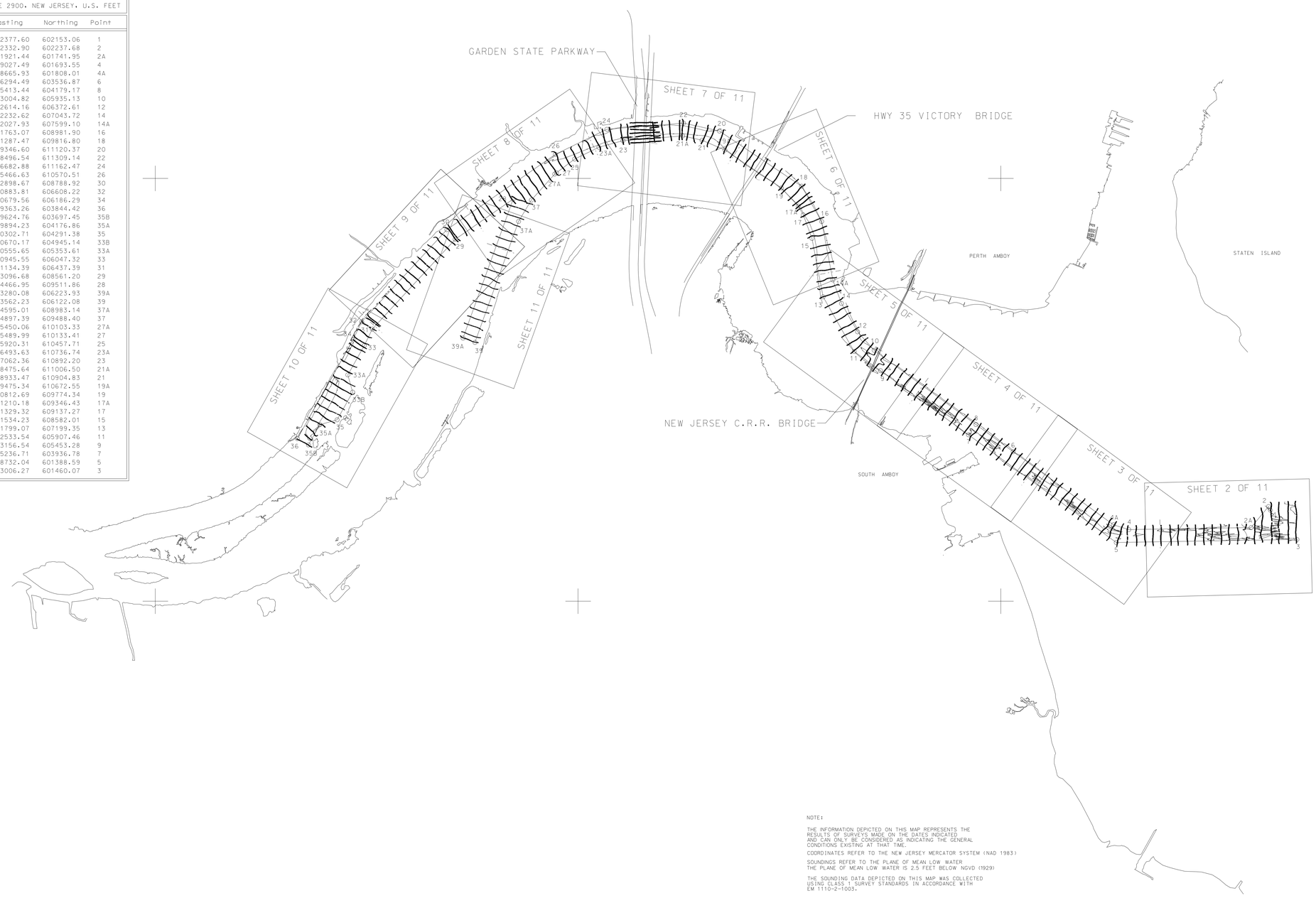
TABULATION OF CHANNEL COORDINATES U.S. STATE PLANE, NAD 83. ZONE 2900. NEW JERSEY. U.S. FEET		
Easting	Northing	Point
562377.60	602153.06	1
562332.90	602237.68	2
561921.44	601741.95	2A
559027.49	601693.55	4
558665.93	601808.01	4A
556294.49	603536.87	6
555413.44	604179.17	8
553004.82	605935.13	10
552614.16	606372.61	12
552232.62	607043.72	14
552027.93	607599.10	14A
551763.07	608981.90	16
551287.47	609816.80	18
549346.60	611120.37	20
548496.54	611309.14	22
546682.88	611162.47	24
545466.63	610570.51	26
542898.67	608788.92	30
540883.81	606608.22	32
540679.56	606186.29	34
539363.26	603844.42	36
539624.76	603697.45	35B
539894.23	604176.86	35A
540302.71	604291.38	35
540670.17	604945.14	33B
540555.65	605353.61	33A
540945.55	606047.32	33
541134.39	606437.39	31
543096.68	608561.20	29
544466.95	609511.86	28
543280.08	606223.93	39A
543562.23	606122.08	39
544595.01	608983.14	37A
544897.39	609488.40	37
545450.06	610103.33	27A
545489.99	610133.41	27
545920.31	610457.71	25
546493.63	610736.74	23A
547062.36	610892.20	23
548475.64	611006.50	21A
548933.47	610904.83	21
549475.34	610672.55	19A
550812.69	609774.34	19
551210.18	609346.43	17A
551329.32	609137.27	17
551534.23	608582.01	15
551799.07	607199.35	13
552533.54	605907.46	11
553156.54	605453.28	9
555236.71	603936.78	7
558732.04	601388.59	5
563006.27	601460.07	3



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 NEW JERSEY MERCATOR SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.5 FEET BELOW NGVD (1929)

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING CLASS 1 SURVEY STANDARDS IN ACCORDANCE WITH EM 1110-2-1003.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: AUG. 17 – 30 2006

FILE NO.: 511
REQUEST NO.: 2966N

SCALE: ONE INCH = 1000 FEET

FIELD BOOKS: 14229

APPROVED: S. RYSHKEWITCH FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: WAM II LEAD CARTOGRAPHER
APPROVED: R. KISS CHIEF OF SURVEY
DATE: 01 SEPTEMBER 2006

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

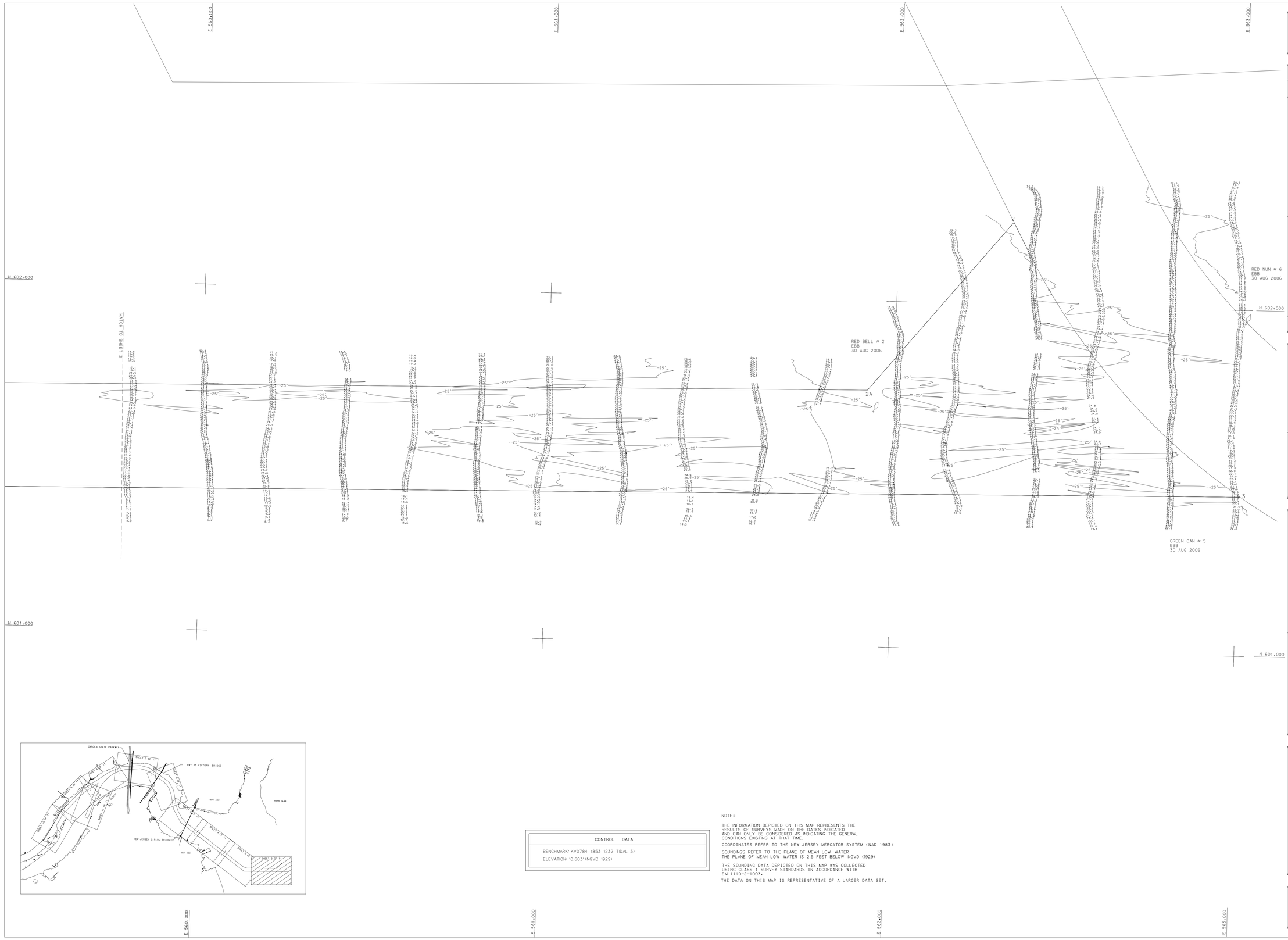
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH–101

SHEET 01 OF 11

511
2966N



CONTROL DATA
BENCHMARK: KV0784 (853 1232 TIDAL 3)
ELEVATION: 10.603' (NGVD 1929)

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 NEW JERSEY MERCATOR SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.5 FEET BELOW NGVD (1929)

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING CLASS 1 SURVEY STANDARDS IN ACCORDANCE WITH EM 1110-2-1003.

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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
AUG 17 – 30 2006

FILE NO.: 511
MODEL NO.: 2966N

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
14229

APPROVED: S. RYSHKEWITCH
CHIEF CARTOGRAPHER

APPROVED: M. FORTE
CHIEF, ENGINEERING TECHNICIAN

APPROVED: WAM II
CHIEF CARTOGRAPHER

APPROVED: R. KISS
CHIEF OF SURVEY

DATE: 01 SEPTEMBER 2006

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

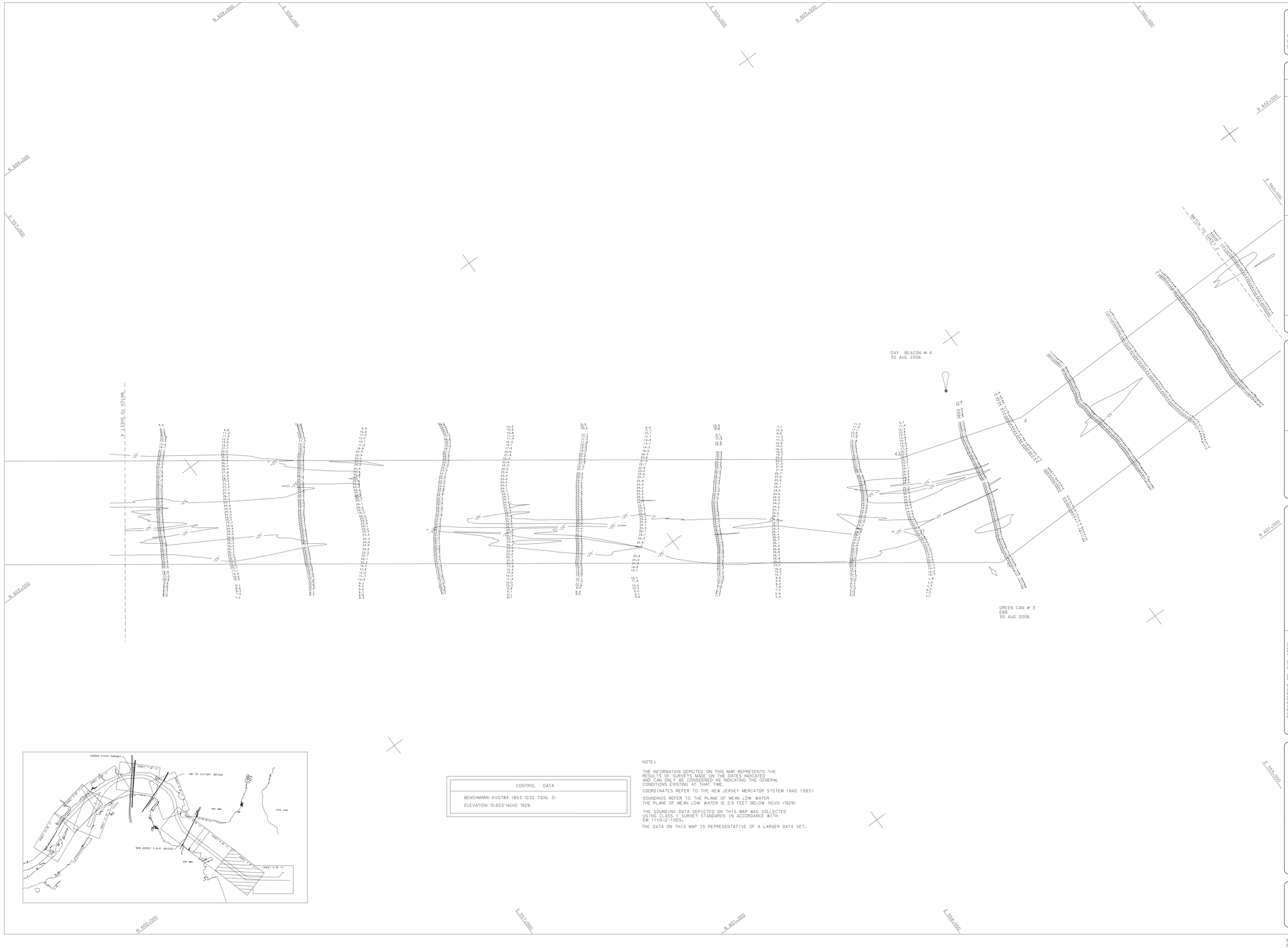
RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH–102

SHEET 02 OF 11

511
2966N



CONTROL DATA
BENCHMARK: KV0784 (853 1232 TIDAL 3)
ELEVATION: 10.603' NGVD 1929

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 NEW JERSEY MERCATOR SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.5 FEET BELOW NGVD (1929)

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING CLASS 1 SURVEY STANDARDS IN ACCORDANCE WITH EM 1110-2-1003.

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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
AUG. 17 – 30 2006

FILE NO.: 511
MUDOS NO.: 2966N

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
L4229

APPROVED: S. RYSHEWITCH
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CHIEF CARTOGRAPHER

APPROVED: WAM 11
LEAD HYDROGRAPHIC TECHNICIAN

APPROVED: R. KISS
CHIEF OF SURVEY

DATE: 01 SEPTEMBER 2006

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

OPERATIONS DIVISION
SURVEY SECTION
GENAA-OP-S

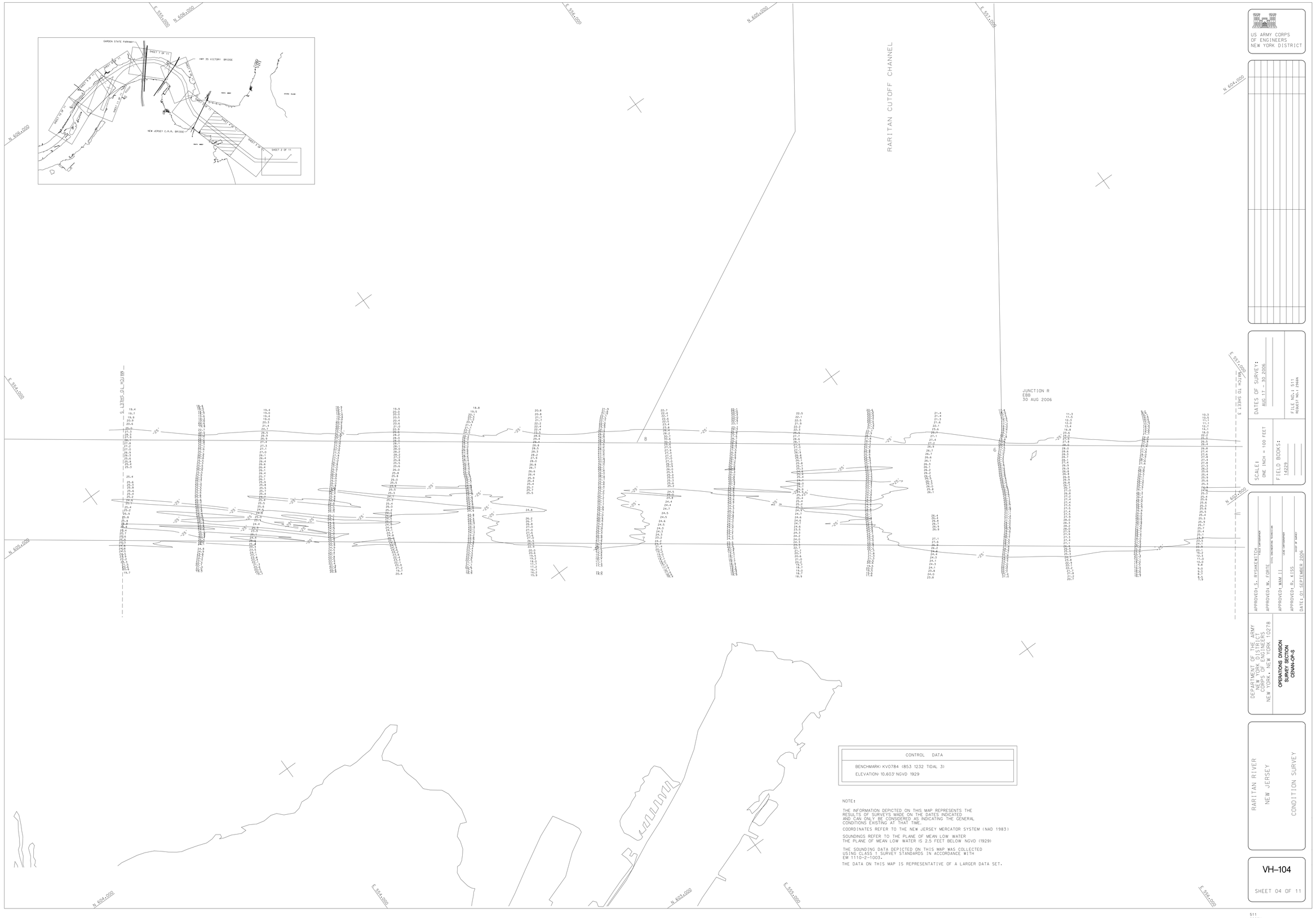
RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH–103

SHEET 03 OF 11

511
2966N


GARDEN STATE PARKWAY
HWY 35 VICTORY BRIDGE
NEW JERSEY C.R.R. BRIDGE
SHEET 2 OF 11
RARITAN CUTOFF CHANNEL
JUNCTION R
EBB
30 AUG 2006
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CONTROL DATA
BENCHMARK: KV0784 (853 1232 TIDAL 3)
ELEVATION: 10.603' NGVD 1929

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 NEW JERSEY MERCATOR SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.5 FEET BELOW NGVD (1929)

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING CLASS 1 SURVEY STANDARDS IN ACCORDANCE WITH EM 1110-2-1003.

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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
AUG 17 – 30 2006

SCALE:
ONE INCH = 100 FEET

FILE NO.: 511
HUDSON NO.: 2966N

FIELD BOOKS:
14229

APPROVED: S. RYSHKEWITCH
FIELD CARTOGRAPHER

APPROVED: M. FORTE
FIELD PROJECTION TECHNICIAN

APPROVED: WAM 11
LEAD CARTOGRAPHER

APPROVED: R. KISS
CHIEF OF SURVEY

DATE: 01 SEPTEMBER 2006

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

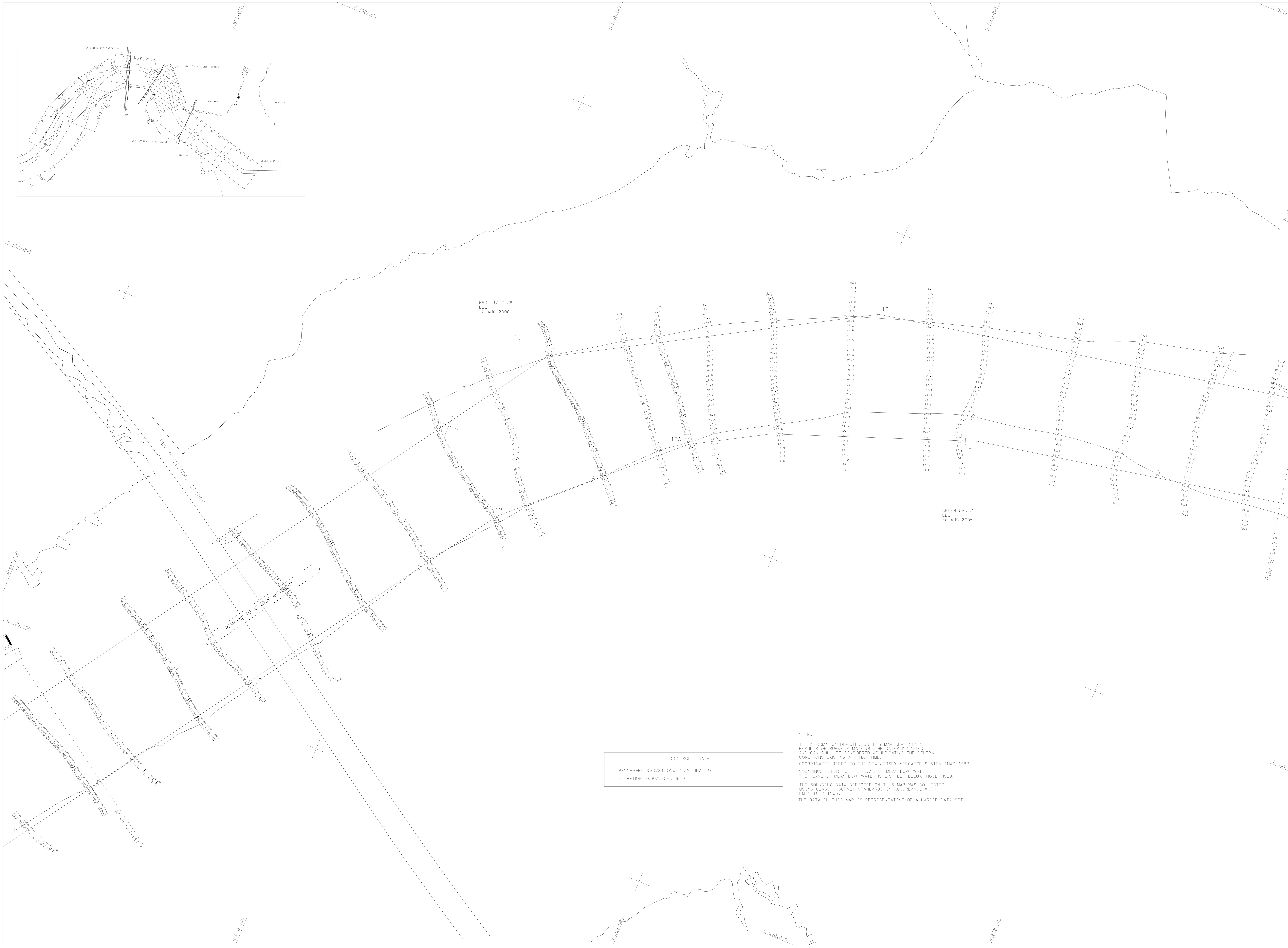
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH–105

SHEET 05 OF 11

511
2966N



CONTROL DATA
BENCHMARK: KV0784 (853 1232 TIDAL 3)
ELEVATION: 10.603' NGVD 1929

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 NEW JERSEY MERCATOR SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.5 FEET BELOW NGVD (1929)

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY: AUG 17 - 30 2006

FILE NO.: 511
REQUEST NO.: 2966N

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 14229

APPROVED: S. RYSHKEWITCH — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: WAM II — LEAD CARTOGRAPHER
APPROVED: R. KISS — CHIEF OF SURVEY
DATE: 01 SEPTEMBER 2006

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-106

511
2966N

CONTROL DATA
BENCHMARK: KV0784 (853 1232 TIDAL3)
ELEVATION: 10.603' NGVD 1929

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 NEW JERSEY MERCATOR SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.5 FEET BELOW NGVD (1929)

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
AUG 17 – 30 2006

FILE NO.: 511
NUGGET NO.: 2966N

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
14229

APPROVED: S. RYSHKEWITCH
FIELD CARTOGRAPHER
APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN
APPROVED: WAM II
TASK CARTOGRAPHER
APPROVED: R. KISS
CHIEF OF SURVEY
DATE: 01 SEPTEMBER 2006

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

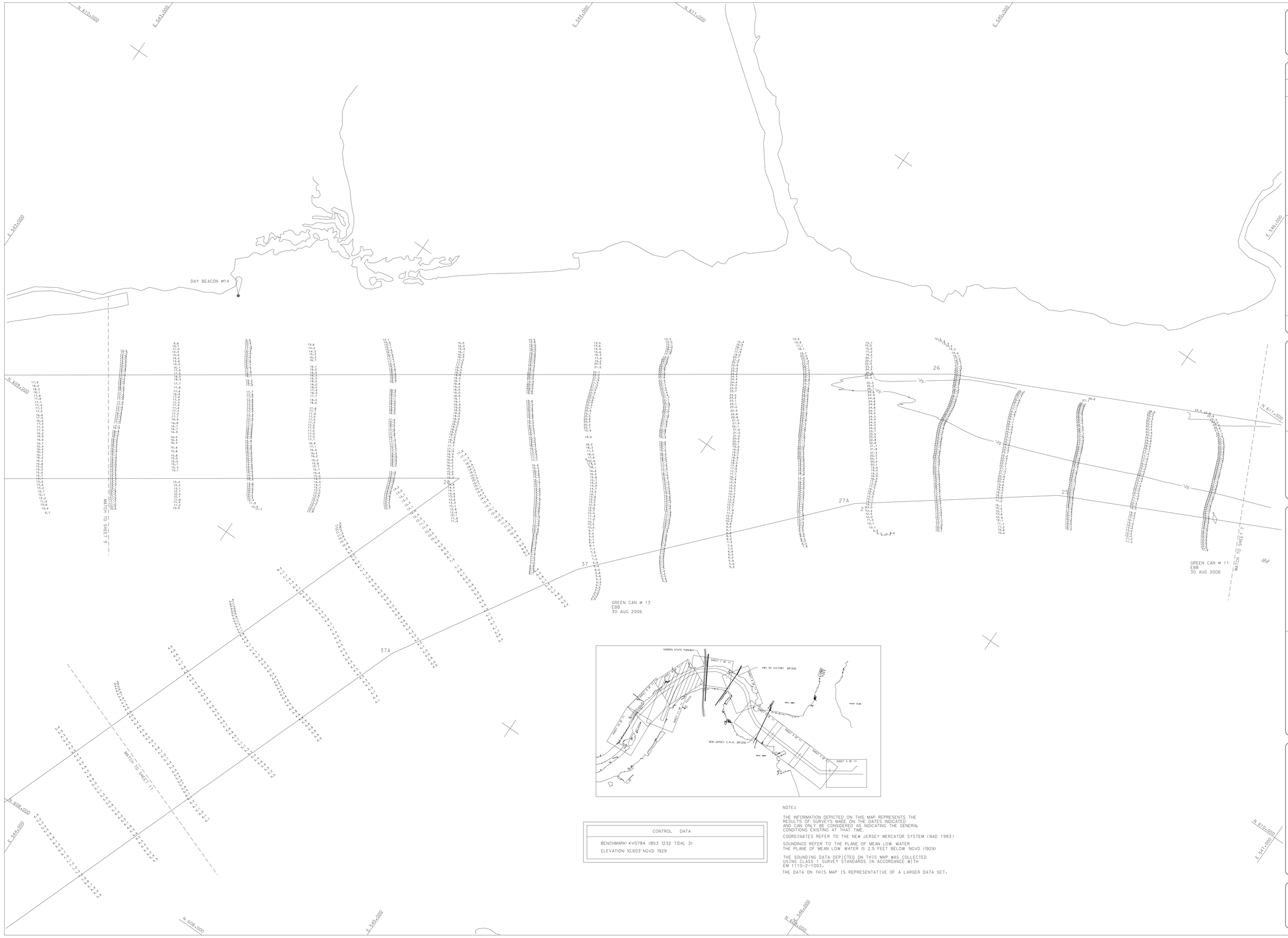
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH–107

SHEET 07 OF 11

511
2966N



CONTROL DATA
BENCHMARK: KV0784 (853 1232 TIDAL 3)
ELEVATION: 10.603' NGVD 1929

NOTE:

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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
AUG 17 – 30 2006

FILE NO.: 511
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CHIEF CARTOGRAPHER

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

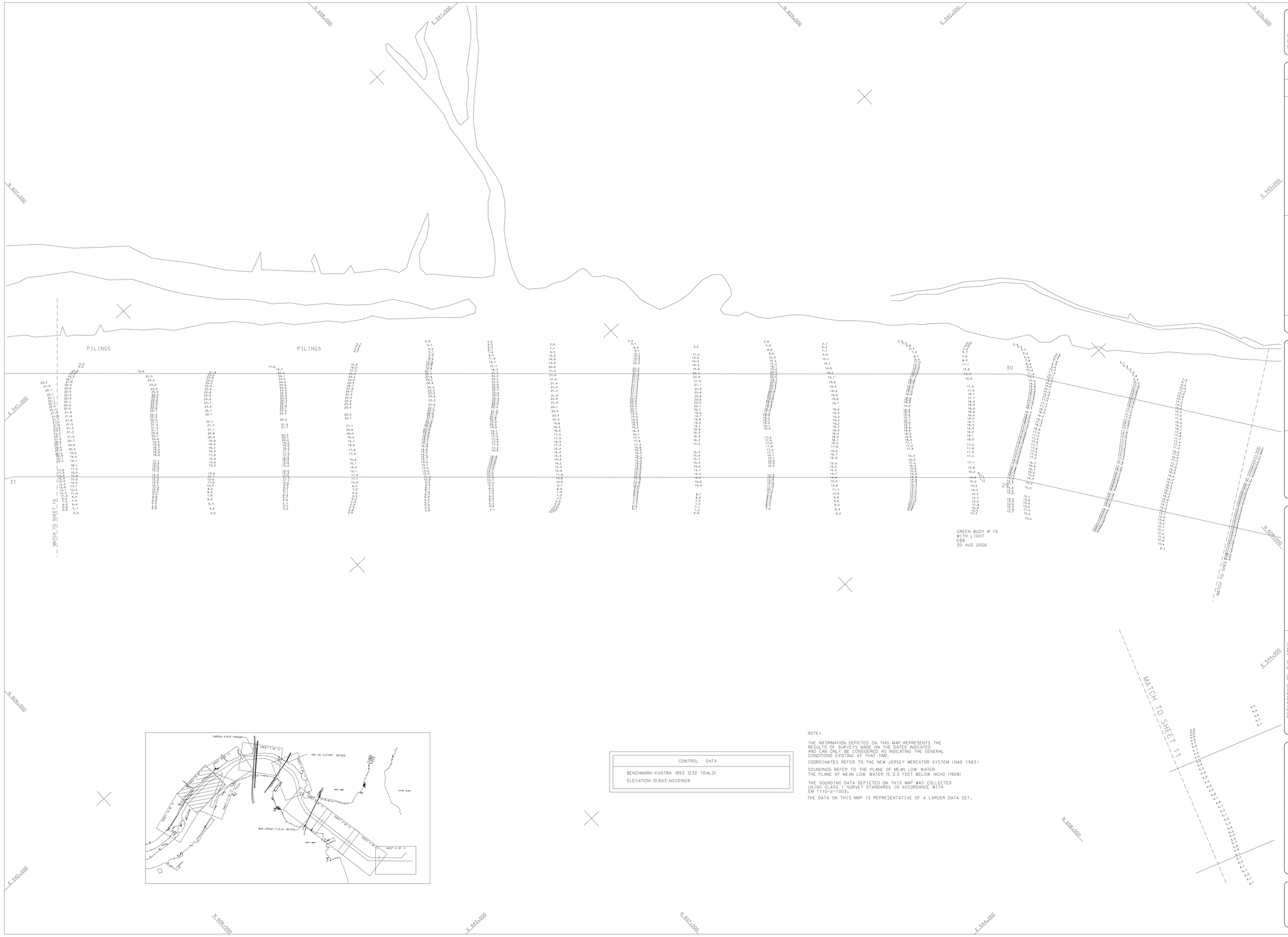
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH–108

SHEET 08 OF 11

511
2966N



CONTROL DATA
BENCHMARK: KV0784 (853 1232 TIDAL3)
ELEVATION: 10.603' NGVD1929

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 NEW JERSEY MERCATOR SYSTEM (NAD 1983)

SOUNDINGS REFER TO THE PLANE OF MEAN LOW WATER
THE PLANE OF MEAN LOW WATER IS 2.5 FEET BELOW NGVD (1929)

THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING CLASS 1 SURVEY STANDARDS IN ACCORDANCE WITH EM 1110-2-1003.

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

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
AUG 17 – 30 2006

FILE NO.: 511
REQUEST NO.: 2966N

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
14229

APPROVED: S. RYSHKEWITCH
FIELD CHIEF/SURVEYOR

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: WAM 11
CHIEF OF SURVEY

APPROVED: R. KISS
CHIEF/SURVEYOR

DATE: 01 SEPTEMBER 2006

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CONDITION SURVEY

VH–109

SHEET 09 OF 11

511
2966N

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FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: WAM II
LEAD CARTOGRAPHER

APPROVED: R. KISS
CHIEF OF SURVEY

DATE: 01 SEPTEMBER 2006

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SHEET 10 OF 11

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