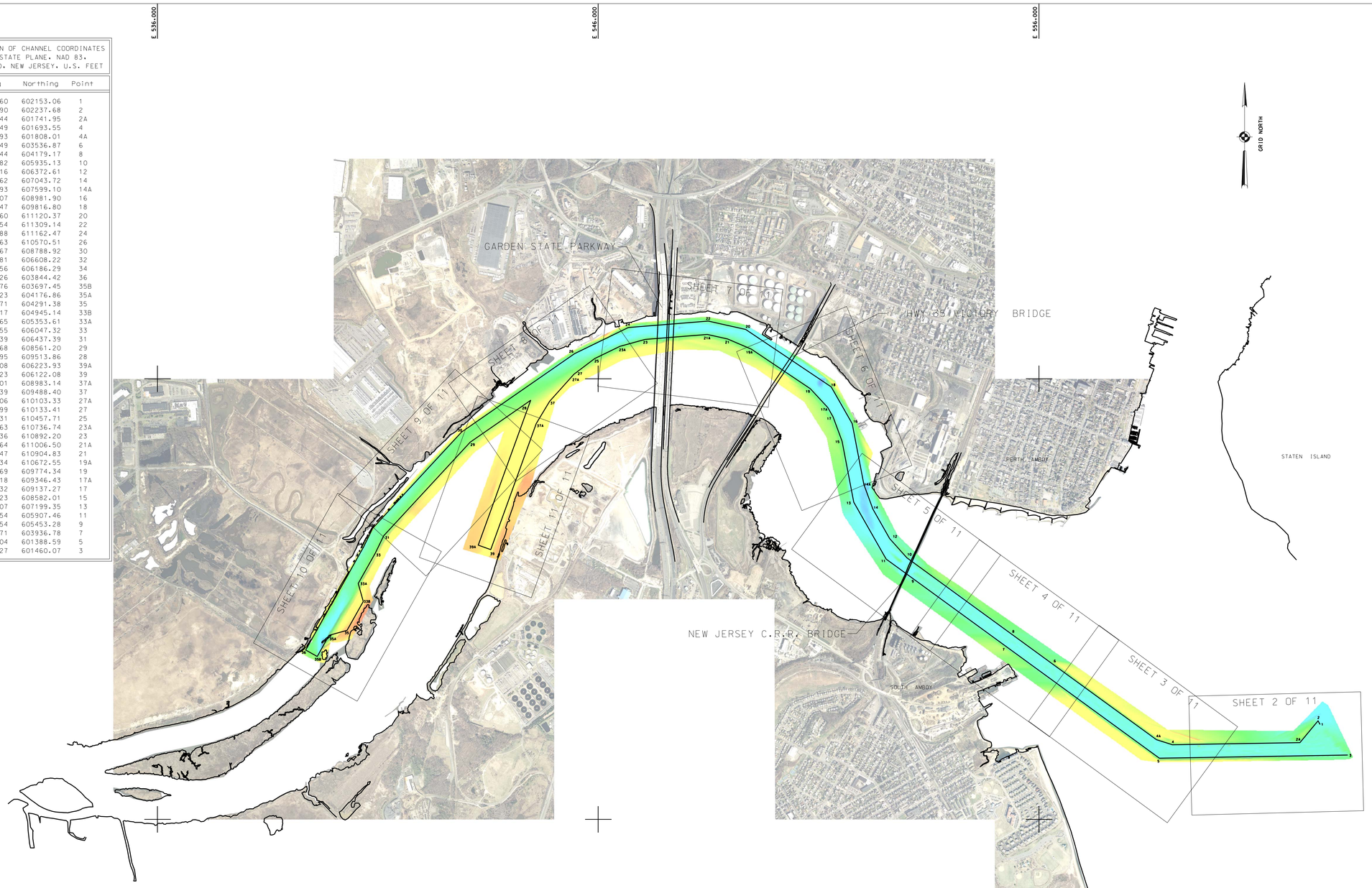
TABULATION OF CHANNEL COORDINATES U.S. STATE PLANE, NAD 83, ZONE 2900, NEW JERSEY, U.S. FEET		
Easting	Northing	Point
562377.60	602153.06	1
562332.90	602237.68	2
561921.44	601741.95	2A
559027.49	601693.55	4
558665.93	601808.01	4A
556294.49	603536.87	6
555413.44	604179.17	8
553004.82	605935.13	10
552614.16	606372.61	12
552232.62	607043.72	14
552027.93	607599.10	14A
551763.07	608981.90	16
551387.47	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	609513.86	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
551310.18	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



LOCAL CONTROL DATA
BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' (NAVD 1988)

4229-RARITAN RIVER

DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

PROJECT SPECIFIC NOTES:

- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
- MEAN LOWER LOW WATER IS 2.8-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.0).
- SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
- CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NJGIN 2012-2013
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BAZARRO HESS".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

ESO PR
RD MP

DATES OF SURVEY:
13,17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REQUEST NO.: 4229A/N1

SCALE: ONE INCH = 1000 FEET

FIELD BOOKS:
1916

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CAD CARTOGRAPHER
APPROVED: J. MRAZ — BRANCH CHIEF OF SURVEY
DATE: 9 DECEMBER 2014

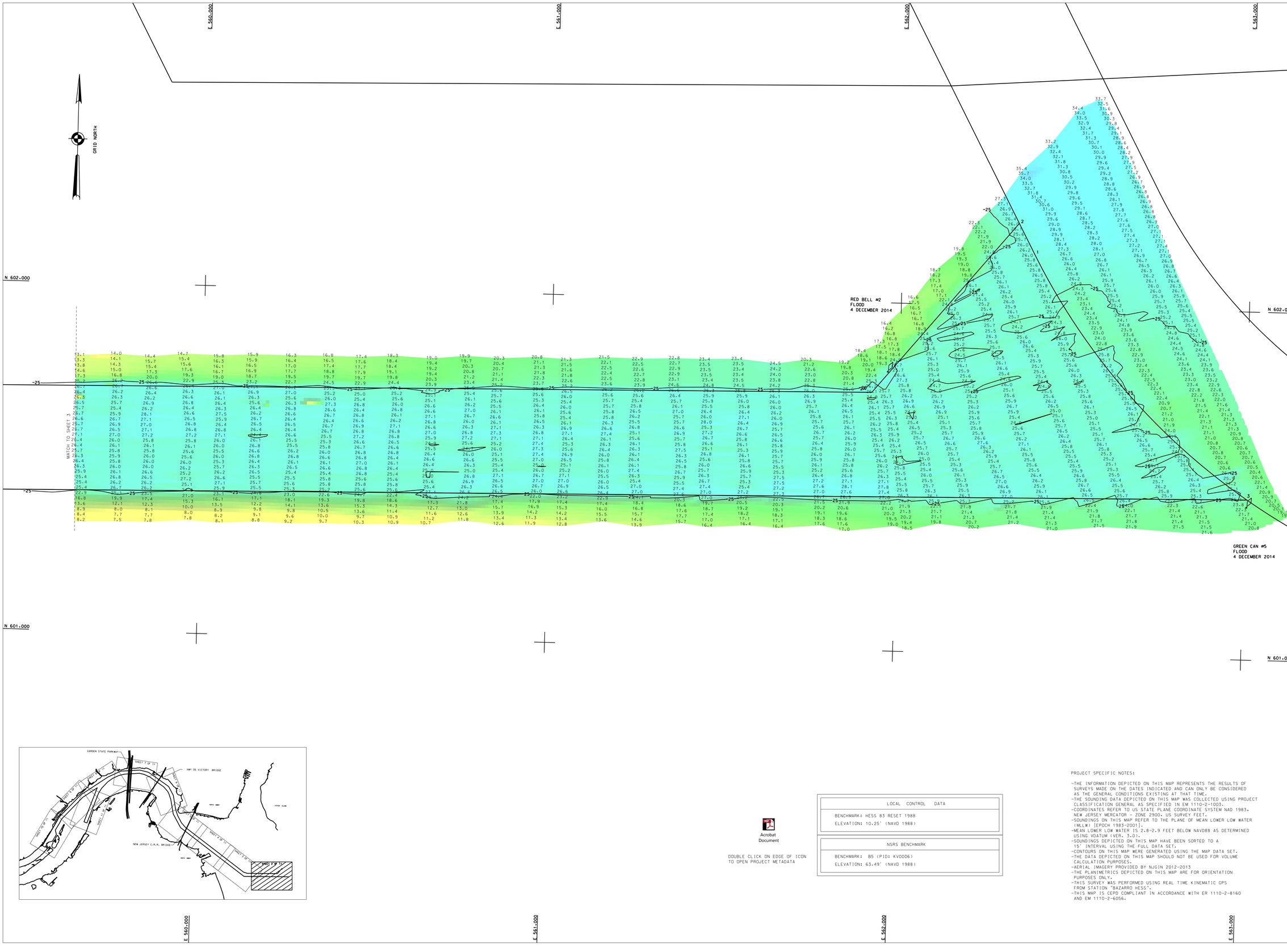
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-101

SHEET 1 OF 11



Acrobat Document

DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

LOCAL CONTROL DATA
BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' (NAVD 1988)

PROJECT SPECIFIC NOTES:

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

ESO PR
JE MP

DATES OF SURVEY:
13-17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REQUEST NO.: 4229A/N1

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1016

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 9 DECEMBER 2014

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

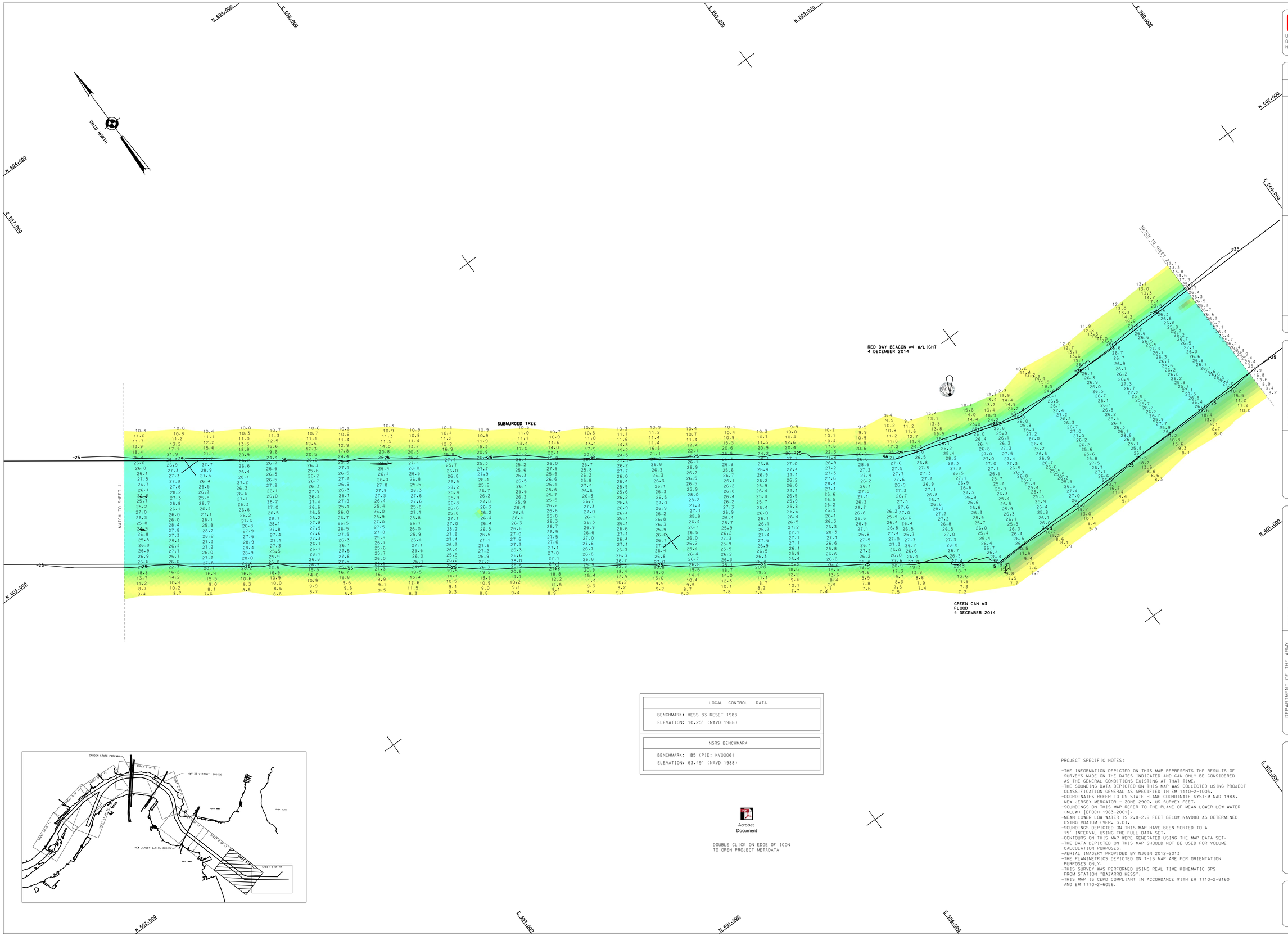
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-102

SHEET 2 OF 11

FILE NO.: 529
REQ. NO.: 4229A/N1



LOCAL CONTROL DATA
BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' (NAVD 1988)

Acrobat Document

DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

PROJECT SPECIFIC NOTES:

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

ESO	PR
JE	MP

DATES OF SURVEY:
13,17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REQUEST NO.: 4229A/N1

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1016

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LAND CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 9 DECEMBER 2014

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

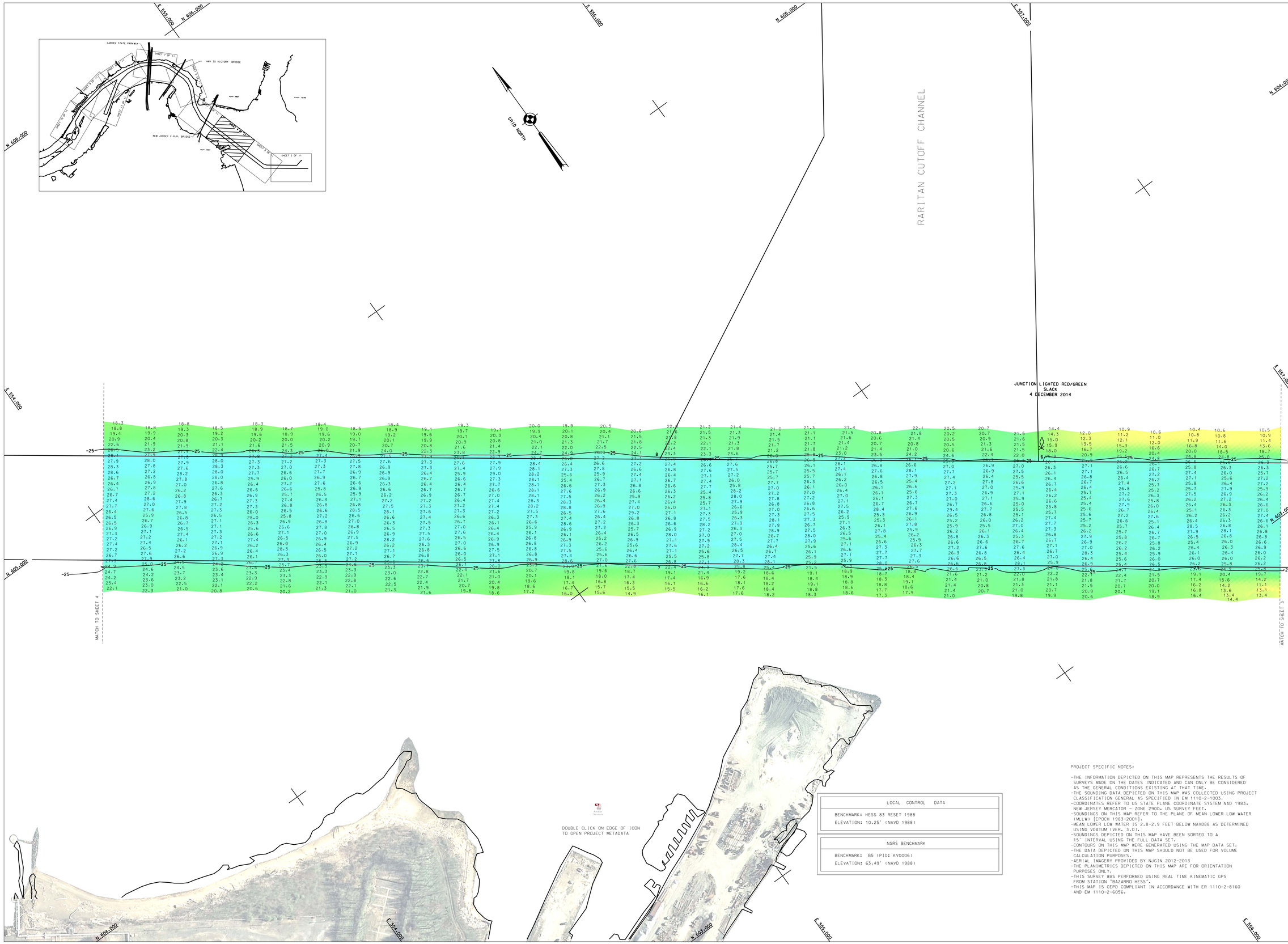
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-103

SHEET 3 OF 11

FILE NO.: 529
REQ. NO.: 4229A/N1


GARDEN STATE PARKWAY
SHEET 7 OF 11
SHEET 8 OF 11
SHEET 9 OF 11
SHEET 10 OF 11
SHEET 11 OF 11
SHEET 6 OF 11
SHEET 5 OF 11
SHEET 4 OF 11
SHEET 3 OF 11
SHEET 2 OF 11
RT 35 VICTORY BRIDGE
NEW JERSEY C.R.R. BRIDGE
GRID NORTH
RARITAN CUTOFF CHANNEL
JUNCTION LIGHTED RED/GREEN
SLACK
4 DECEMBER 2014
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MATCH TO SHEET 3
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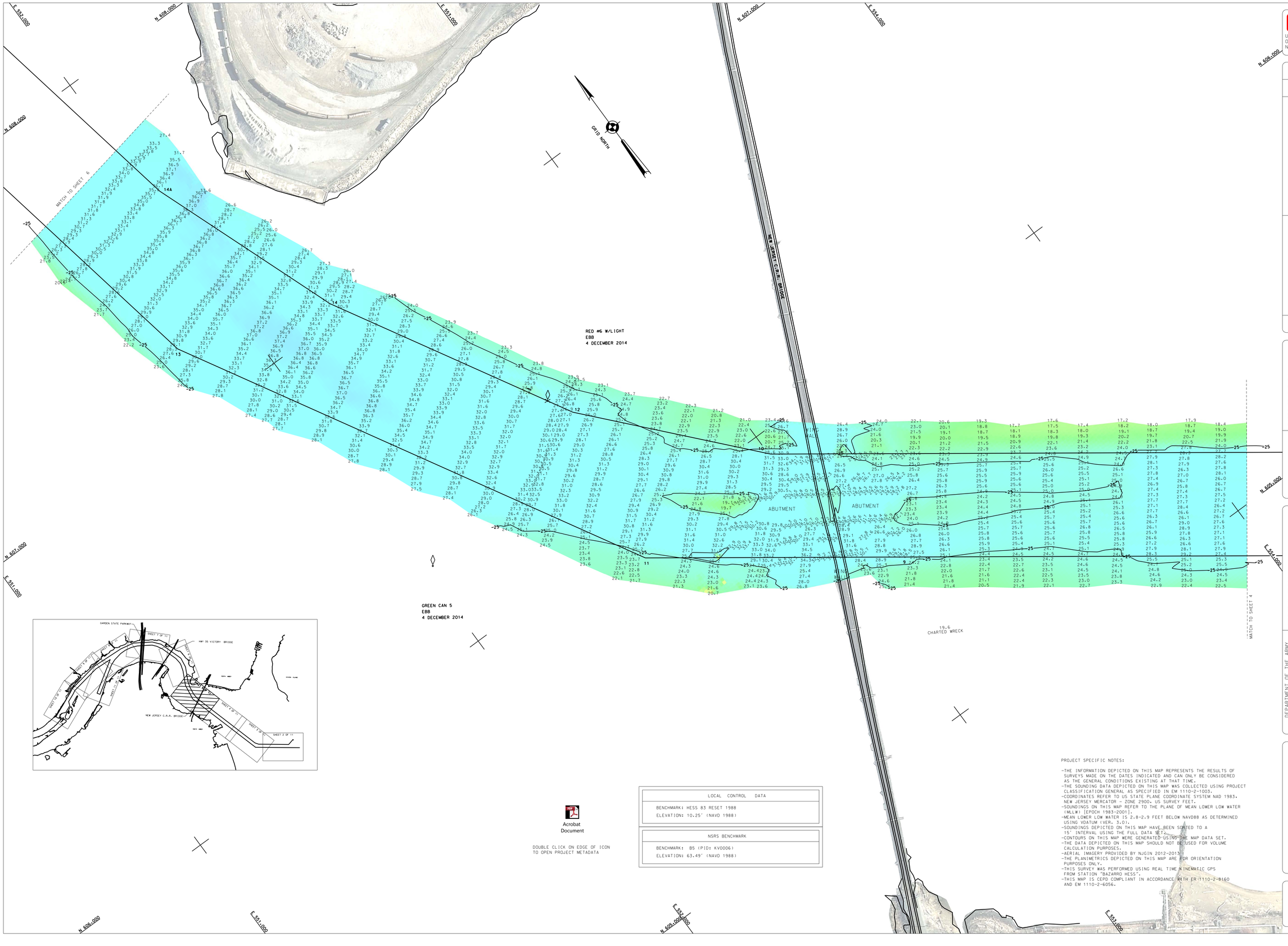


Acrobat Document

DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

LOCAL CONTROL DATA
BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' (NAVD 1988)

PROJECT SPECIFIC NOTES:

-THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
-THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
-COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983. NEW JERSEY MERCATOR - ZONE 2900. US SURVEY FEET.
-SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
-MEAN LOWER LOW WATER IS 2.8-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.0).
-SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
-CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-AERIAL IMAGERY PROVIDED BY NJGIN 2012-2013.
-THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BAZARRO HESS".
-THIS MAP IS CEPO COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

ESO PR
JE MP

DATES OF SURVEY:
13,17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REGREST NO.: 4229A/N1

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1996

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CHIEF, ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 9 DECEMBER 2014

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

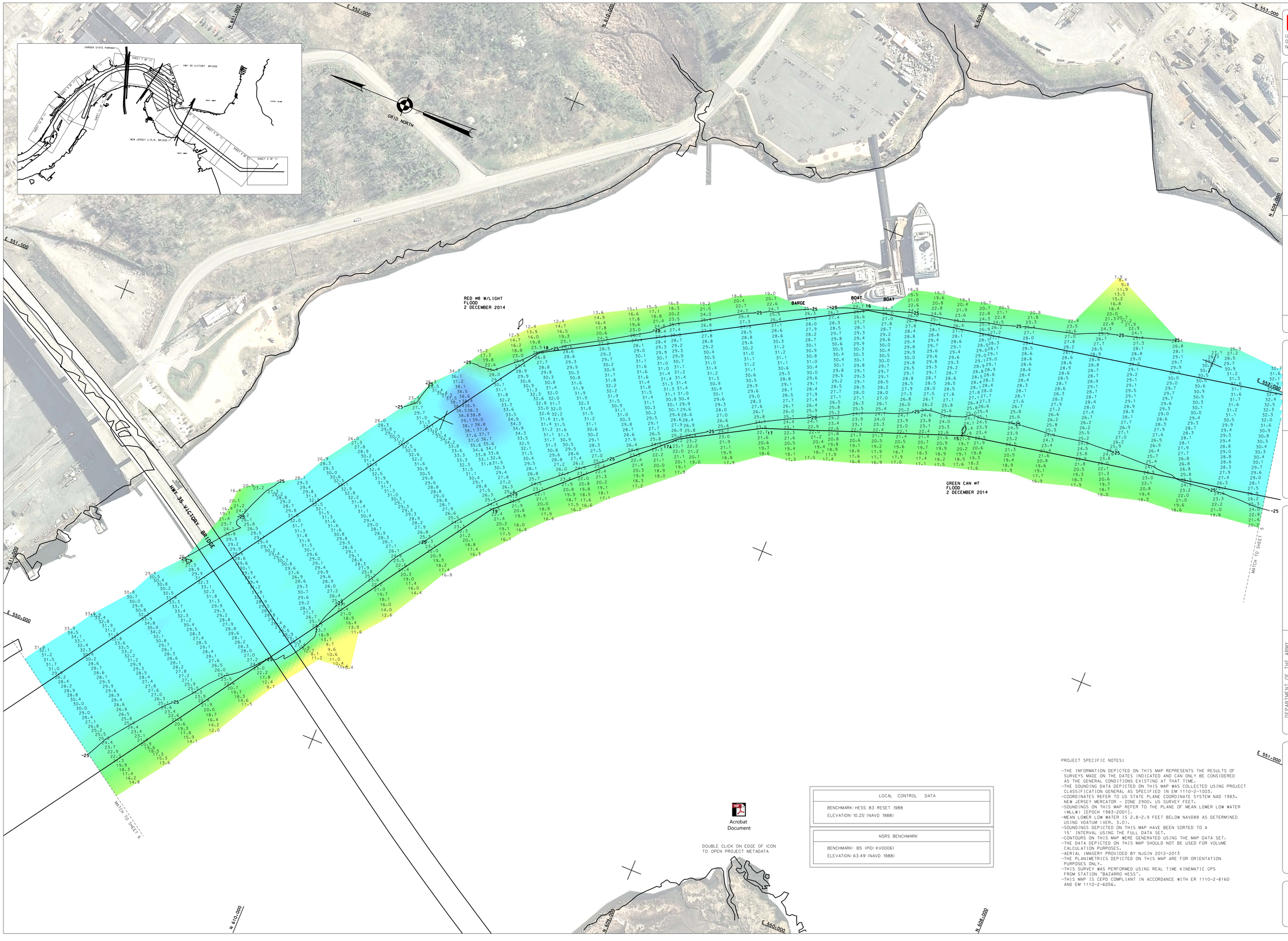
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY

CONDITION SURVEY

VH-105

SHEET 5 OF 11



Acrobat Document

DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

LOCAL CONTROL DATA
BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' (NAVD 1988)

PROJECT SPECIFIC NOTES:

- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983. NEW JERSEY MERCATOR - ZONE 2900. US SURVEY FEET.
- SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
- MEAN LOWER LOW WATER IS 2.8-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.0).
- SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
- CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NJGIN 2012-2013
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BAZARRO HESS".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

ESO	PR
JE	MP

DATES OF SURVEY:
13-17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REQUEST NO.: 4229A/N1

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1016

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 9 DECEMBER 2014

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

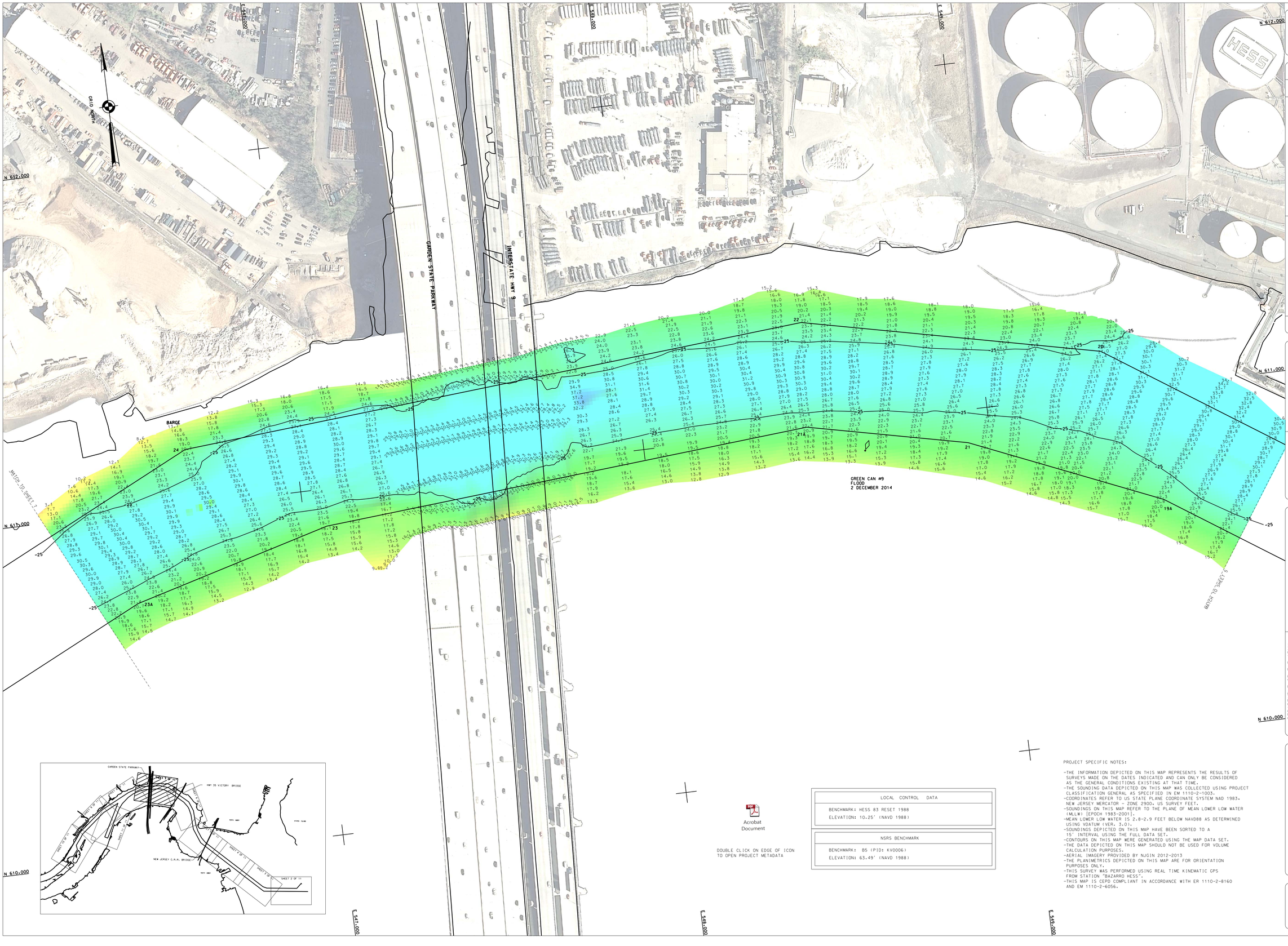
VH-106

SHEET 6 OF 11

FILE NO.: 529
REQ. NO.: 4229A/N1

CORPS OF ENGINEERS

U. S. ARMY



Acrobat Document

DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

LOCAL CONTROL DATA
BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' (NAVD 1988)

PROJECT SPECIFIC NOTES:

-THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
-THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
-COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983. NEW JERSEY MERCATOR - ZONE 2900. US SURVEY FEET.
-SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
-MEAN LOWER LOW WATER IS 2.8-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.0).
-SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
-CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-AERIAL IMAGERY PROVIDED BY NJGIN 2012-2013
-THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BAZARRO HESS".
-THIS MAP IS CERD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

	ESO	PR
	JE	MP

DATES OF SURVEY:
13,17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REQUEST NO.: 4229A/N1

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1968

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CHIEF ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ — SURVEY CHIEF OF PARTY
DATE: 9 DECEMBER 2014

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

OPERATIONS DIVISION
SURVEY SECTION
COMM-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

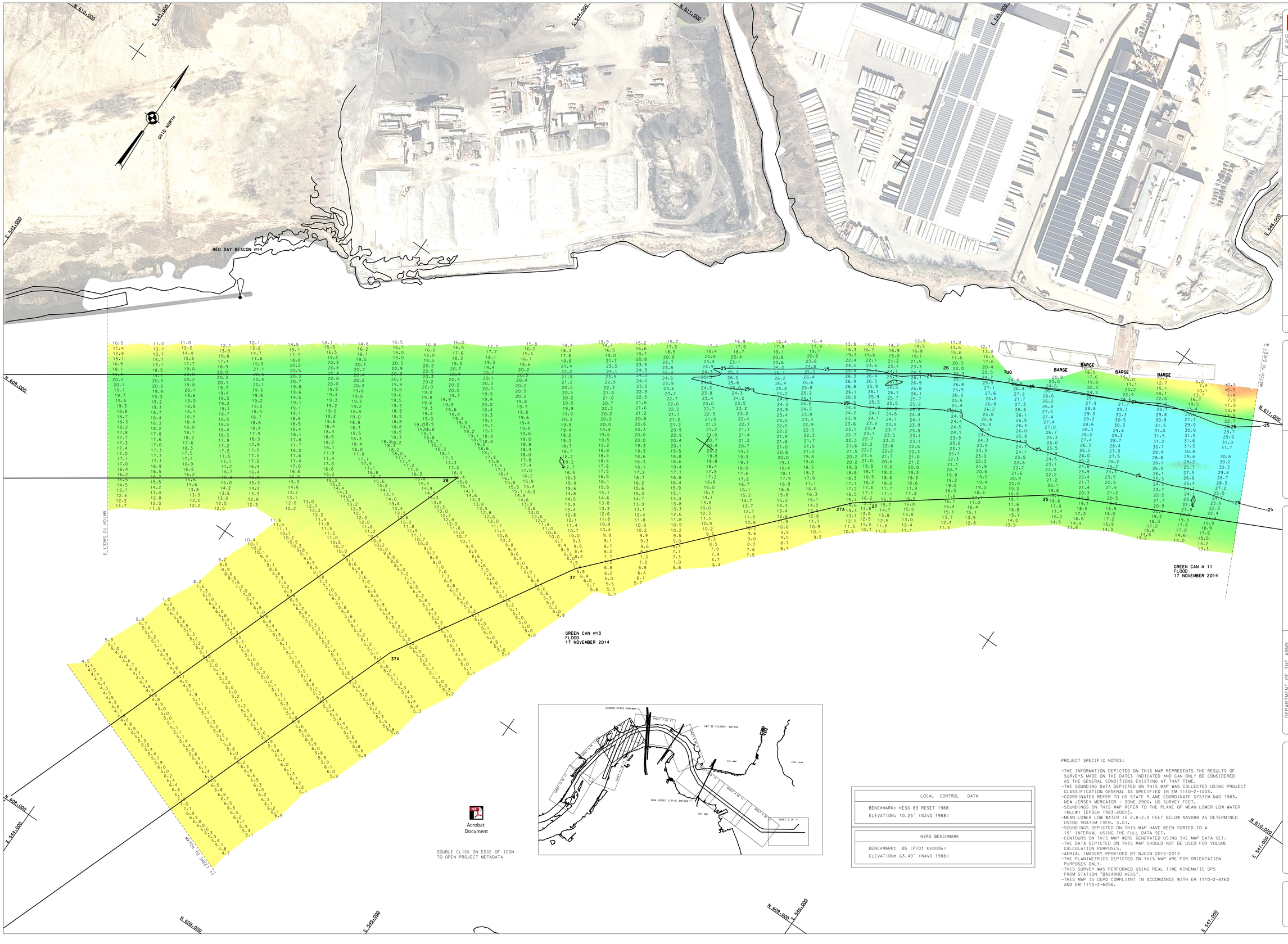
VH-107

SHEET 7 OF 11

FILE NO.: 529
REQ. NO.: 4229A/N1

CORPS OF ENGINEERS

U. S. ARMY



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DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

LOCAL CONTROL DATA
BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' (NAVD 1988)

PROJECT SPECIFIC NOTES:

-THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
-THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
-COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983. NEW JERSEY MERCATOR - ZONE 2900. US SURVEY FEET.
-SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
-MEAN LOWER LOW WATER IS 2.8-2.9 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 3.0).
-SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 15' INTERVAL USING THE FULL DATA SET.
-CONTOURS ON THIS MAP WERE GENERATED USING THE MAP DATA SET.
-THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
-AERIAL IMAGERY PROVIDED BY NJGIN 2012-2013
-THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
-THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BAZARRO HESS".
-THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

	ESO	PR
	RD	MP

DATES OF SURVEY:
13,17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REGEST NO.: 4229A/N1

SCALE: ONE INCH = 100 FEET

FIELD BOOKS:
1916

APPROVED: M. APPELO — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LAB CARTOGRAPHER
APPROVED: J. MRAZ — SENIOR CHIEF OF SURVEY
DATE: 9 DECEMBER 2014

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

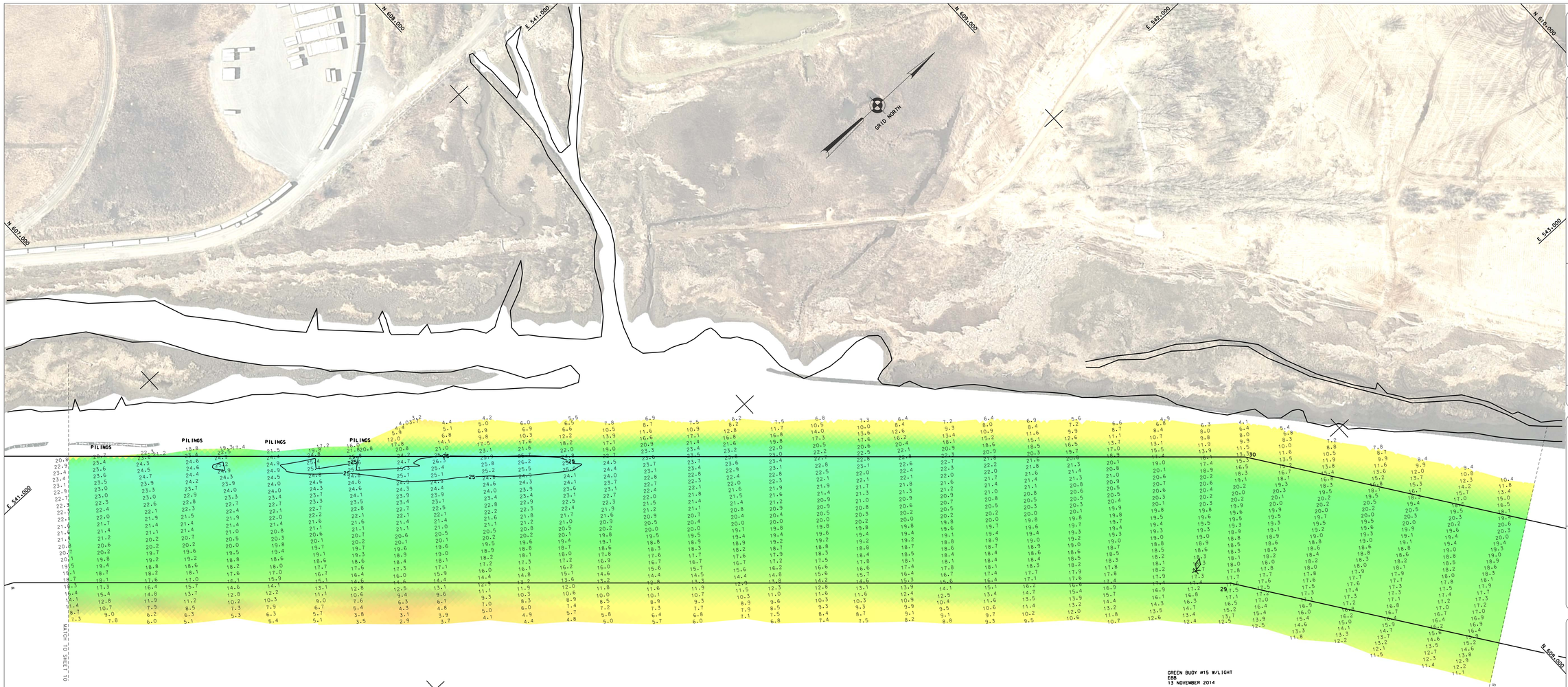
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

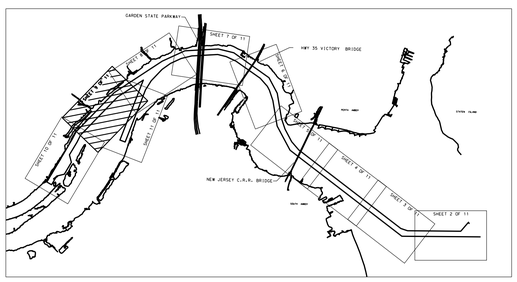
RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-108

SHEET 8 OF 11

FILE NO.: 529
REG. NO.: 4229A/N1





Acrobat Document

DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

LOCAL CONTROL DATA
BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' (NAVD 1988)

PROJECT SPECIFIC NOTES:

- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
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- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "BAZARRO HESS".
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

ESO PR
JE MP

DATES OF SURVEY:
13,17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REQUEST NO.: 4229A/N1

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1916

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ — SENIOR CHIEF OF SURVEY
DATE: 3 DECEMBER 2014

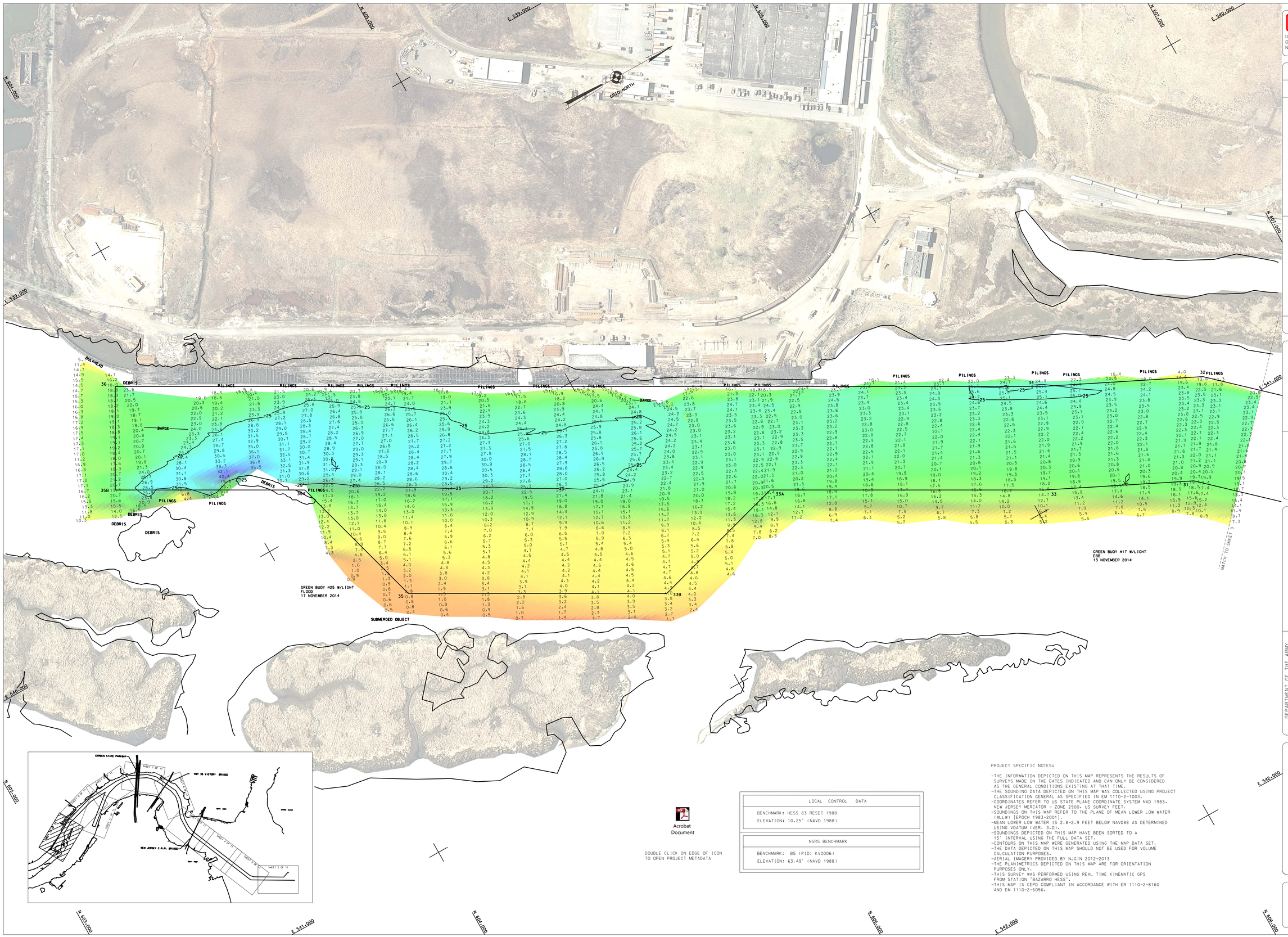
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-109

SHEET 09 OF 11



US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

ESO PR
JE MP

DATES OF SURVEY:
13-17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REQUEST NO.: 4229A/N1

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1968

APPROVED: M. APPELO — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — SENIOR CHIEF OF SURVEY
DATE: 9 DECEMBER 2014

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-110

SHEET 10 OF 11

Acrobat Document

DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

LOCAL CONTROL DATA
BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD 1988)

NSRS BENCHMARK
BENCHMARK: B5 (PID: KV0006)
ELEVATION: 63.49' (NAVD 1988)

PROJECT SPECIFIC NOTES:

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- THE SOUNDING DATA DEPICTED ON THIS MAP WAS COLLECTED USING PROJECT CLASSIFICATION GENERAL AS SPECIFIED IN EM 1110-2-1003.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW JERSEY MERCATOR - ZONE 2900, US SURVEY FEET.
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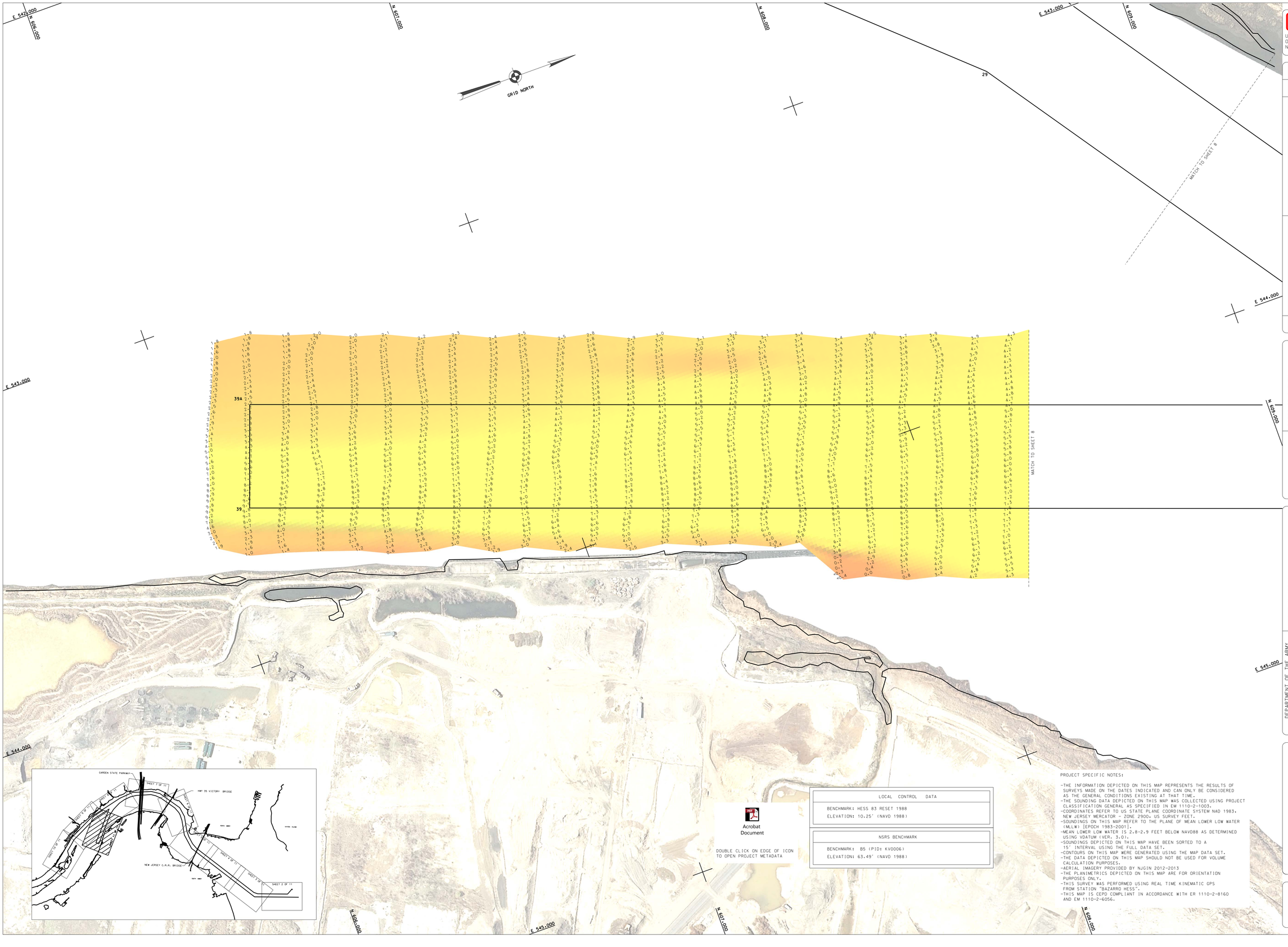

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

ESO	PR
JE	MP

DATES OF SURVEY:
13,17 NOVEMBER 2014
2,4,8 DECEMBER 2014

FILE NO.: 529
REQUEST NO.: 4229A/N1

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
1016

APPROVED: M. APPELD — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 9 DECEMBER 2014

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-111

SHEET 11 OF 11

Acrobat Document

DOUBLE CLICK ON EDGE OF ICON TO OPEN PROJECT METADATA

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ELEVATION: 10.25' (NAVD 1988)

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