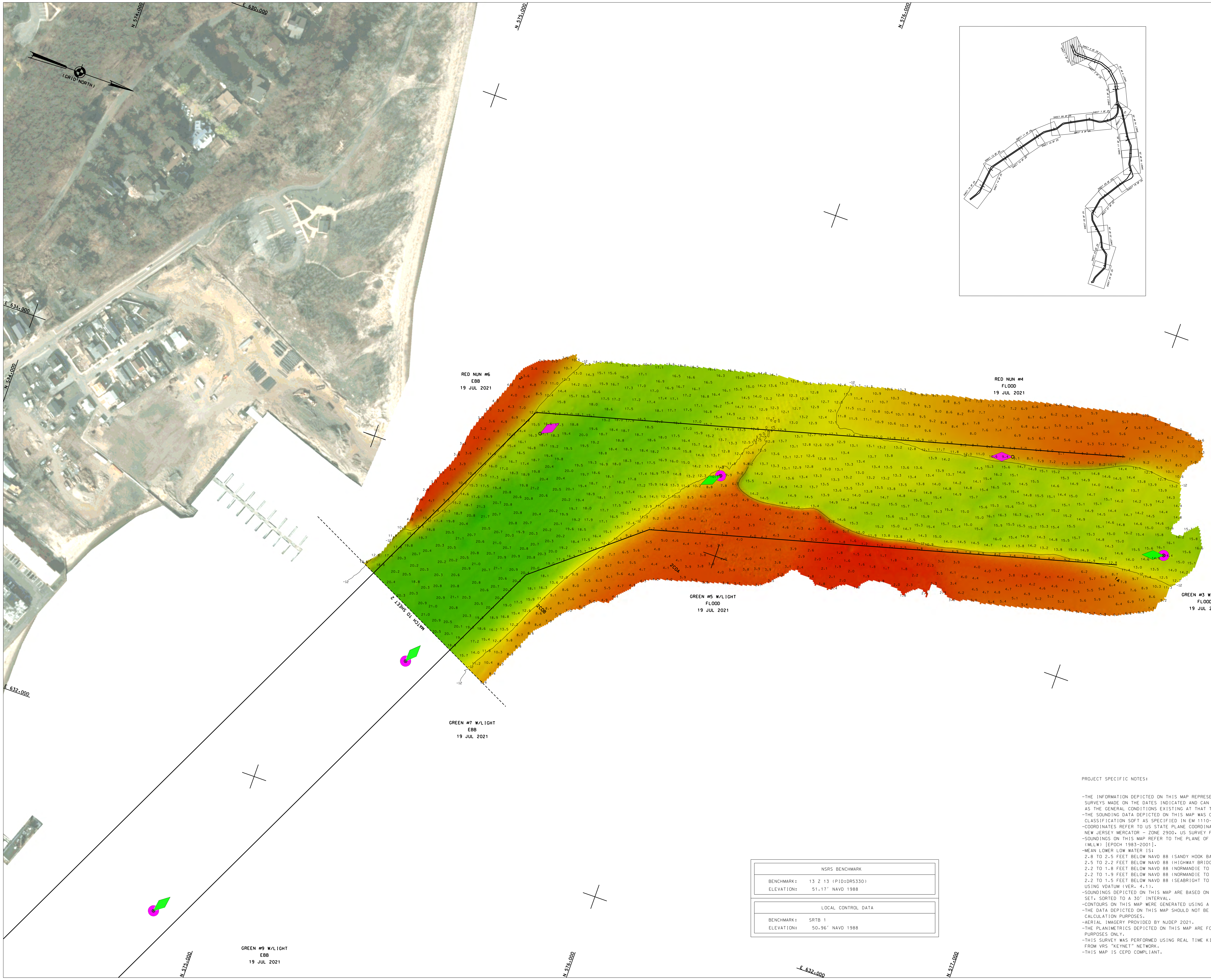

NSRS BENCHMARK	
BENCHMARK:	13 Z 13 (PID:DR5330)
ELEVATION:	51.17' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96' NAVD 1988

PROJECT SPECIFIC NOTES:

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- THIS MAP IS CEPD COMPLIANT.

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

ROGERS SURVEYING PLLC

DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: F.S.

APPROVED: D. ROGERS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

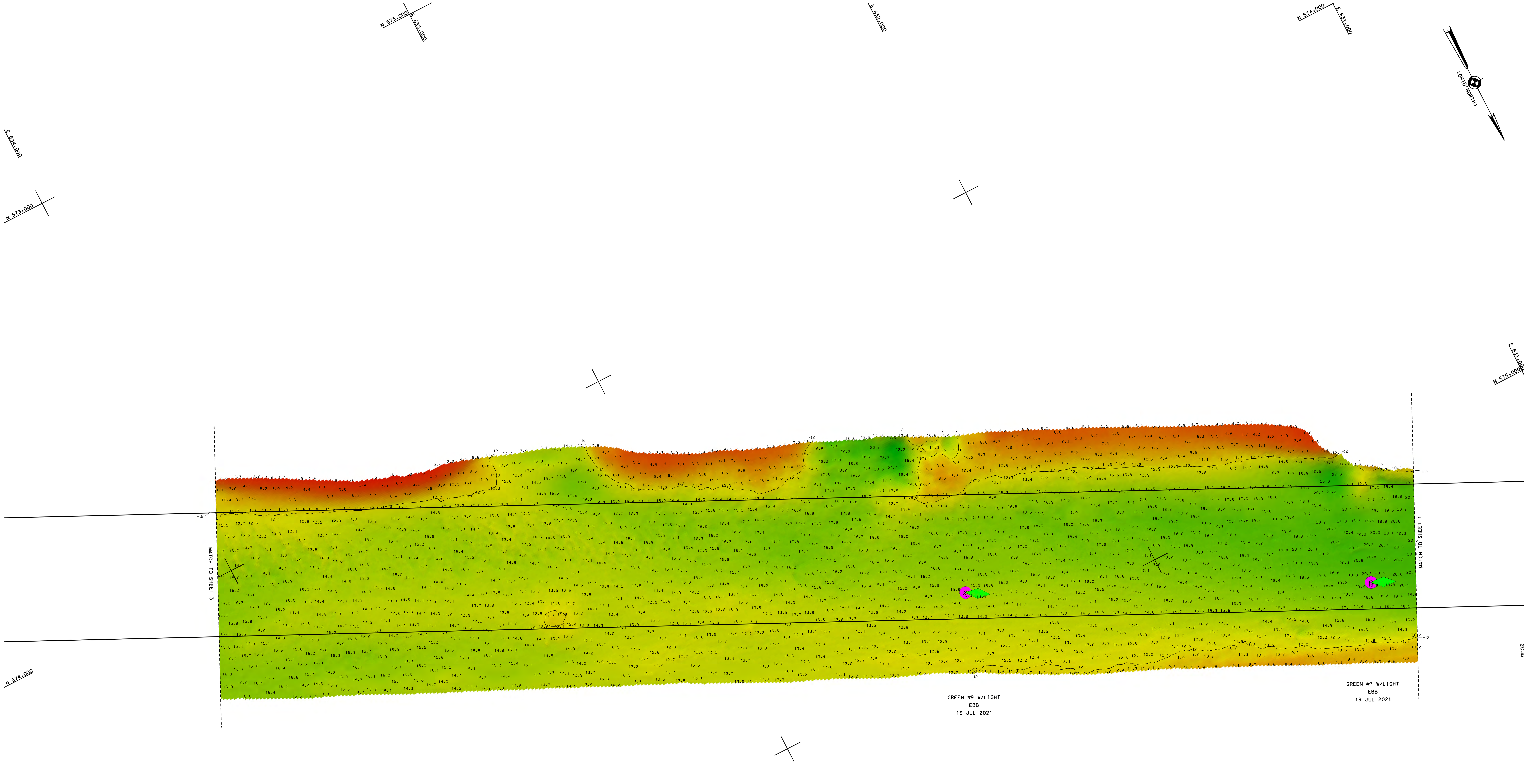
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

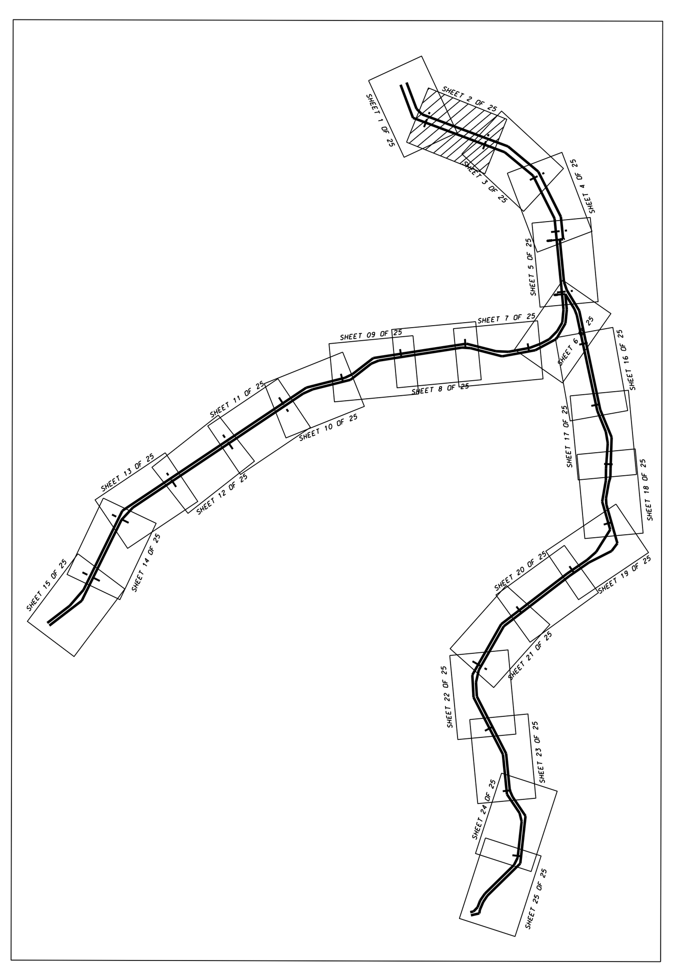
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-101

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT





NSRS BENCHMARK	
BENCHMARK:	13 Z 13 (PID:DR5330)
ELEVATION:	51.17' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96' NAVD 1988

PROJECT SPECIFIC NOTES:

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DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: F.S.

2COB

APPROVED: D. ROGERS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

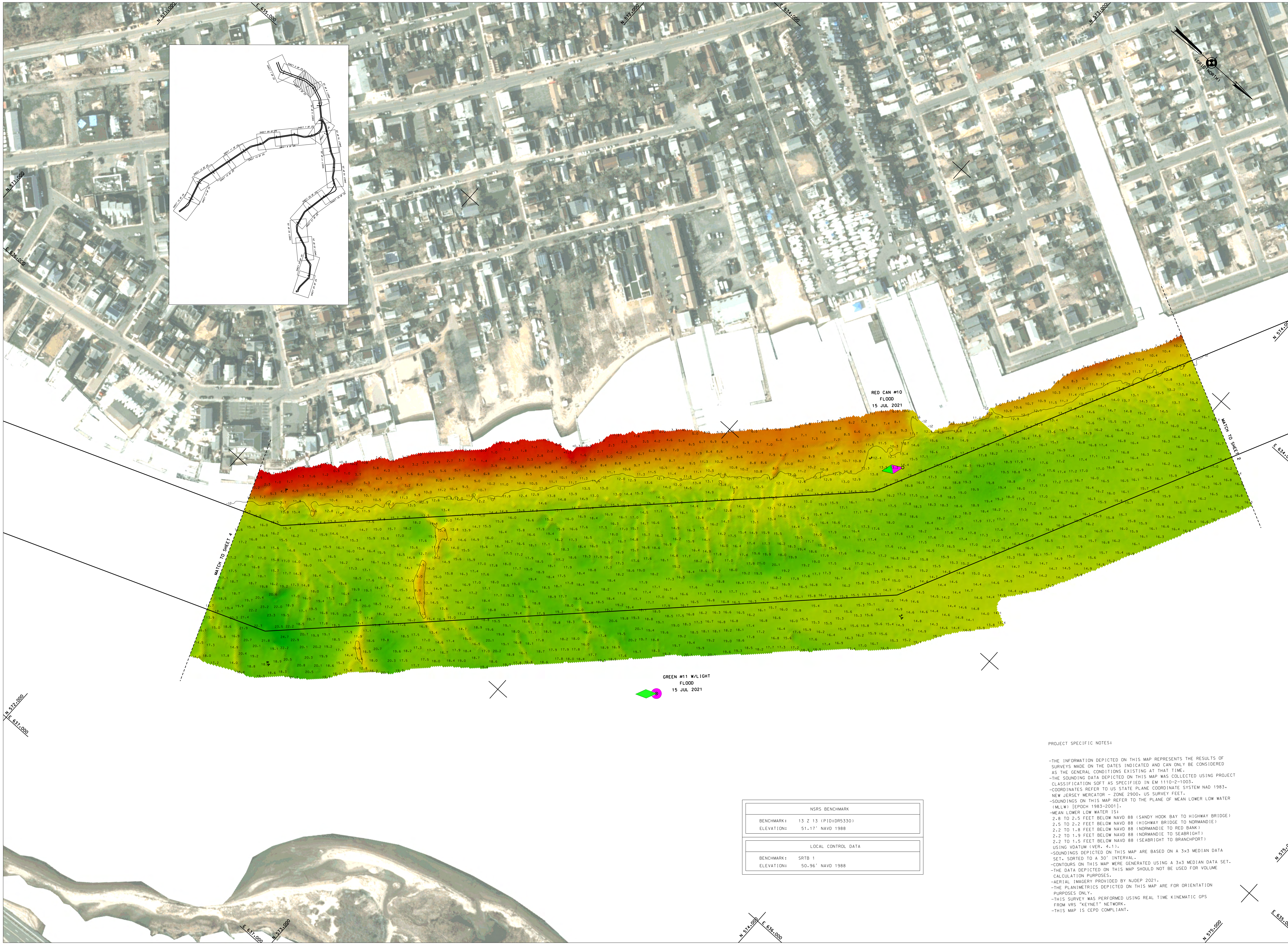
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-102

SHEET 2 OF 25



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NSRS BENCHMARK	
BENCHMARK:	13 Z 13 (PID:DR5330)
ELEVATION:	51.17' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96' NAVD 1988

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
F.S.

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

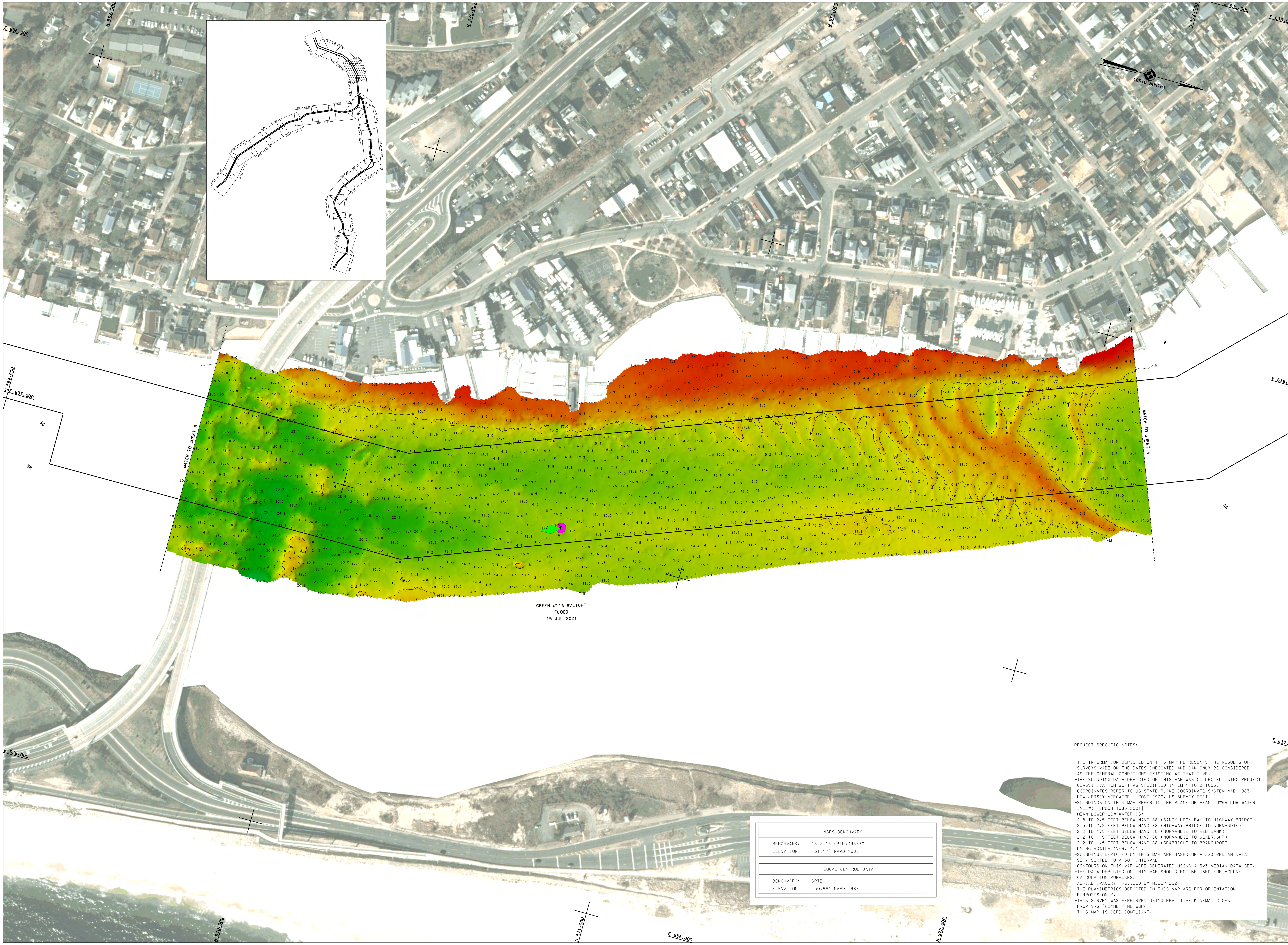
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

APPROVED: D. ROGERS
FIELD CARTOGRAPHER
APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR
LEAD CARTOGRAPHER
APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-103

SHEET 3 OF 25



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NSRS BENCHMARK	
BENCHMARK:	13 Z 13 (PID:DR5330)
ELEVATION:	51.17' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96' NAVD 1988

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: F.S.

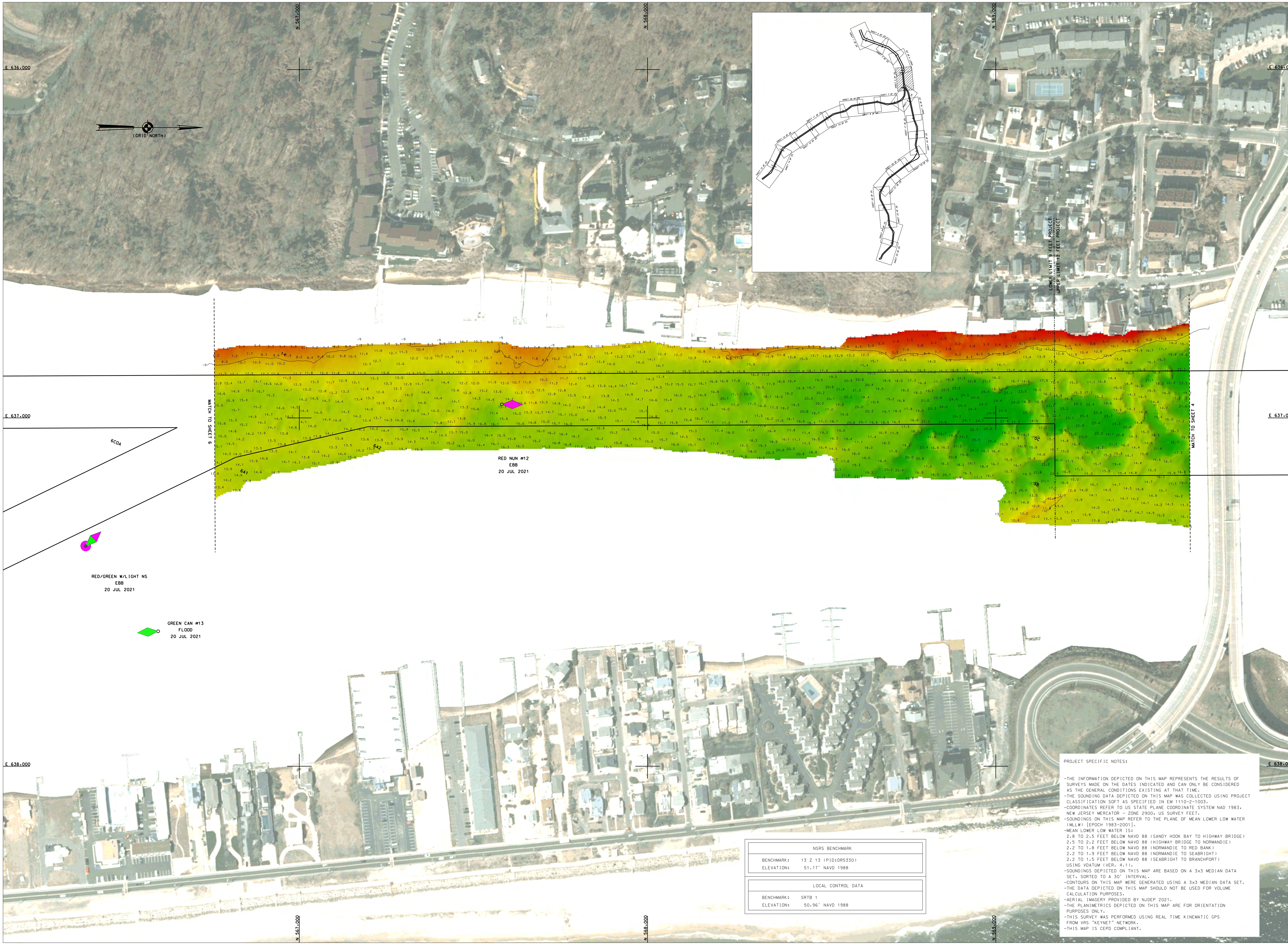
APPROVED: D. ROGERS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, LEAD CARTOGRAPHER
APPROVED: J. MRAZ, DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-104



NSRS BENCHMARK	
BENCHMARK:	13 Z 13 (PID:DR5330)
ELEVATION:	51.17' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96' NAVD 1988

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
F.S.

APPROVED: D. ROGERS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
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APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

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

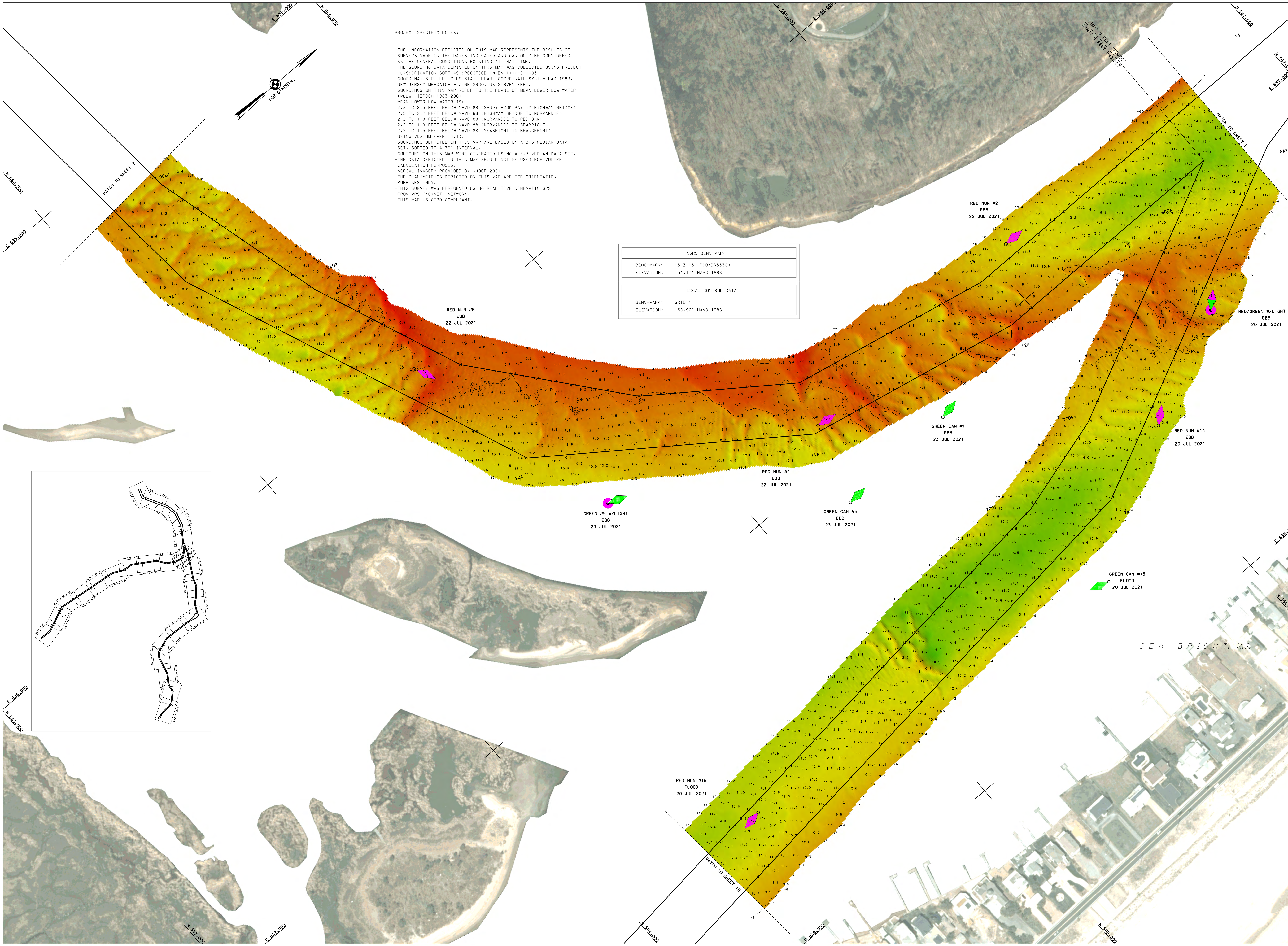
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-105

CORPS OF ENGINEERS

U. S. ARMY



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NSRS BENCHMARK	
BENCHMARK:	13 Z 13 (PID:DR5330)
ELEVATION:	51.17' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96' NAVD 1988

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

ROGERS SURVEYING, PLLC
2420 Arthur Kill Rd.
Staten Island, N.Y. 10309
(718) 447-7311
www.rogerssurveying.net

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
F.S.

APPROVED: D. ROGERS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

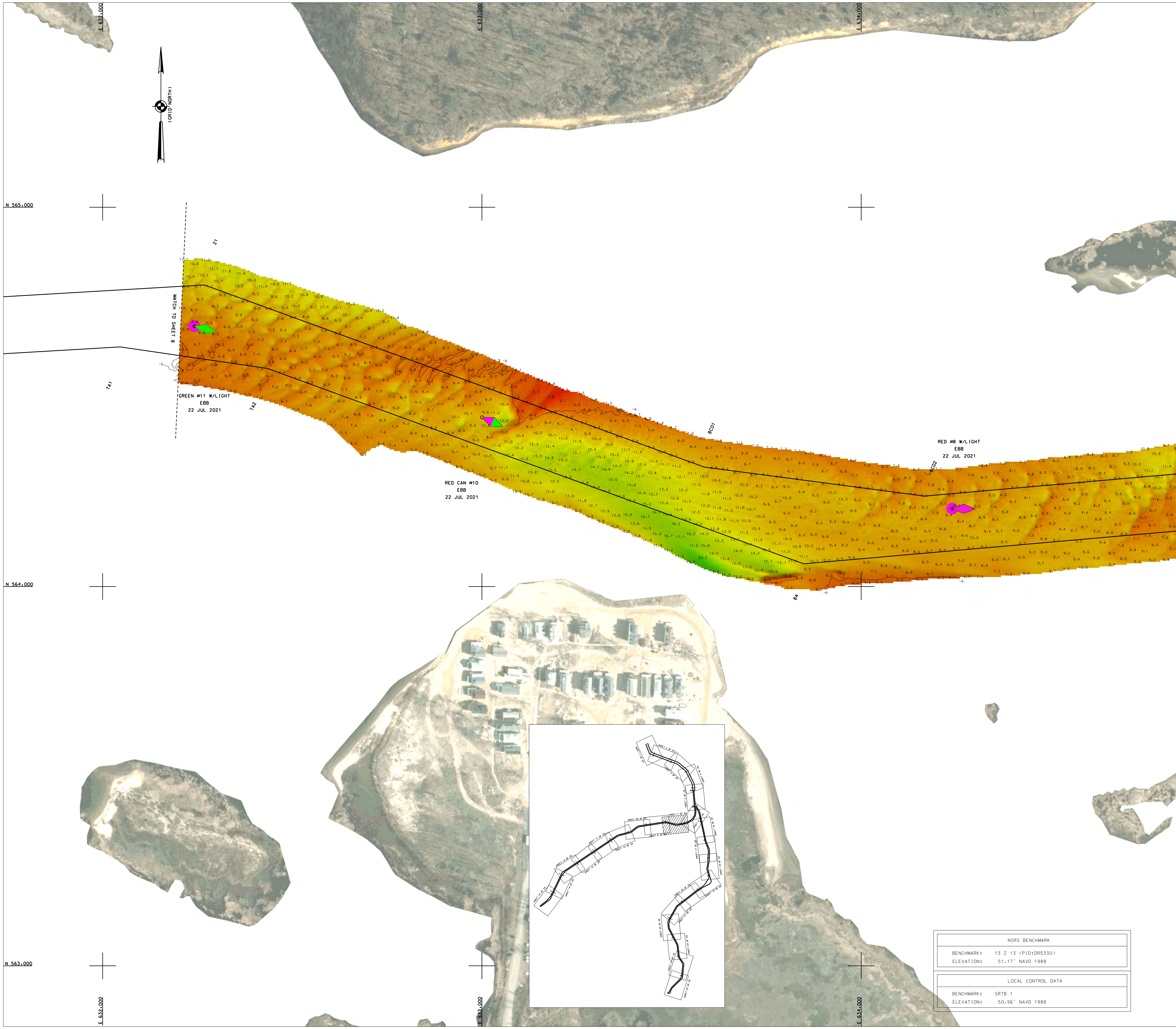
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-106

REQ NO./FILE NO.: 5070



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NSRS BENCHMARK	
BENCHMARK:	13 Z 13 (PID:DR5330)
ELEVATION:	51.17′ NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96′ NAVD 1988

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
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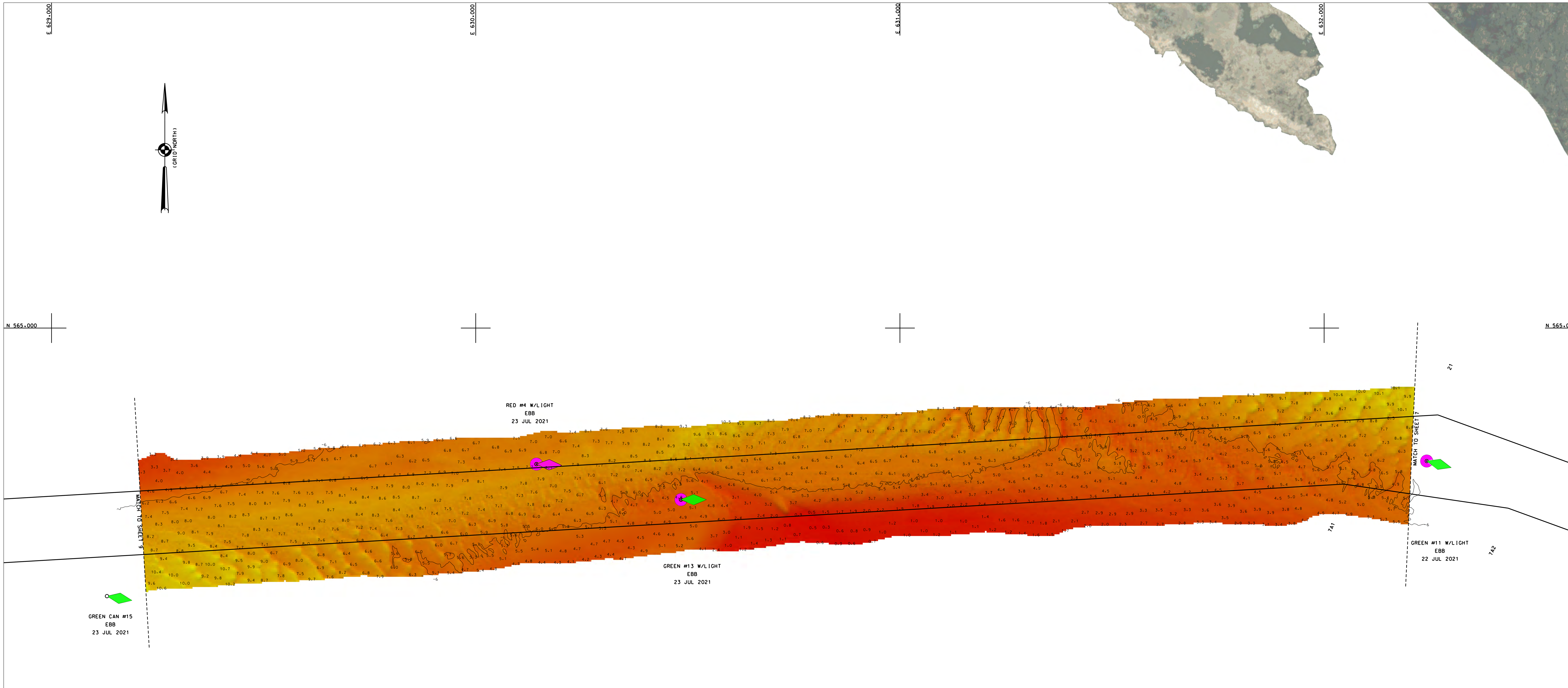
DATE: 16 AUG 2021

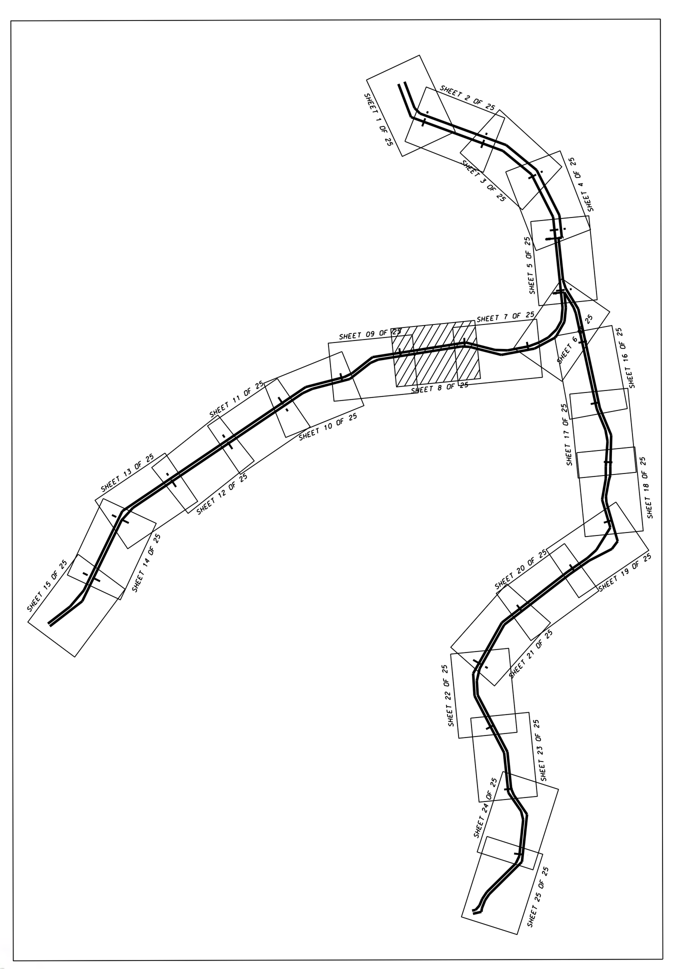
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-107





NSRS BENCHMARK	
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LOCAL CONTROL DATA	
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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

ROGERS SURVEYING, PLLC

DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

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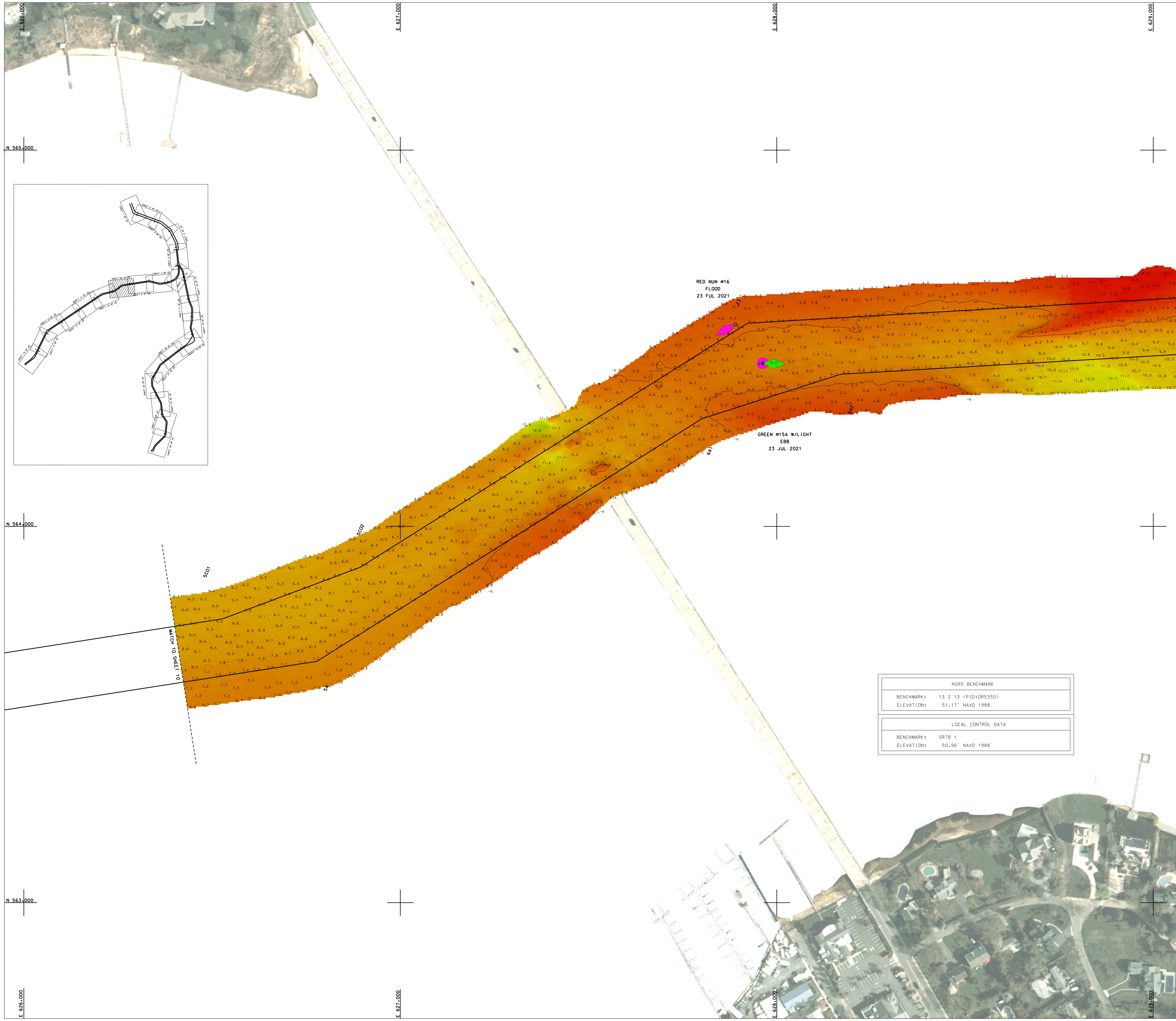
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-108



NSRS BENCHMARK	
BENCHMARK:	13 Z 13 (PID:DR5330)
ELEVATION:	51.17′ NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96′ NAVD 1988

PROJECT SPECIFIC NOTES:

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

ROGERS SURVEYING, PLLC
2420 Arthur Kill Rd.
Staten Island, N.Y. 10309
(718) 447-7311
www.rogerssurveying.net

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
F.S.

APPROVED: D. ROGERS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR
LEAD CARTOGRAPHER

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEY

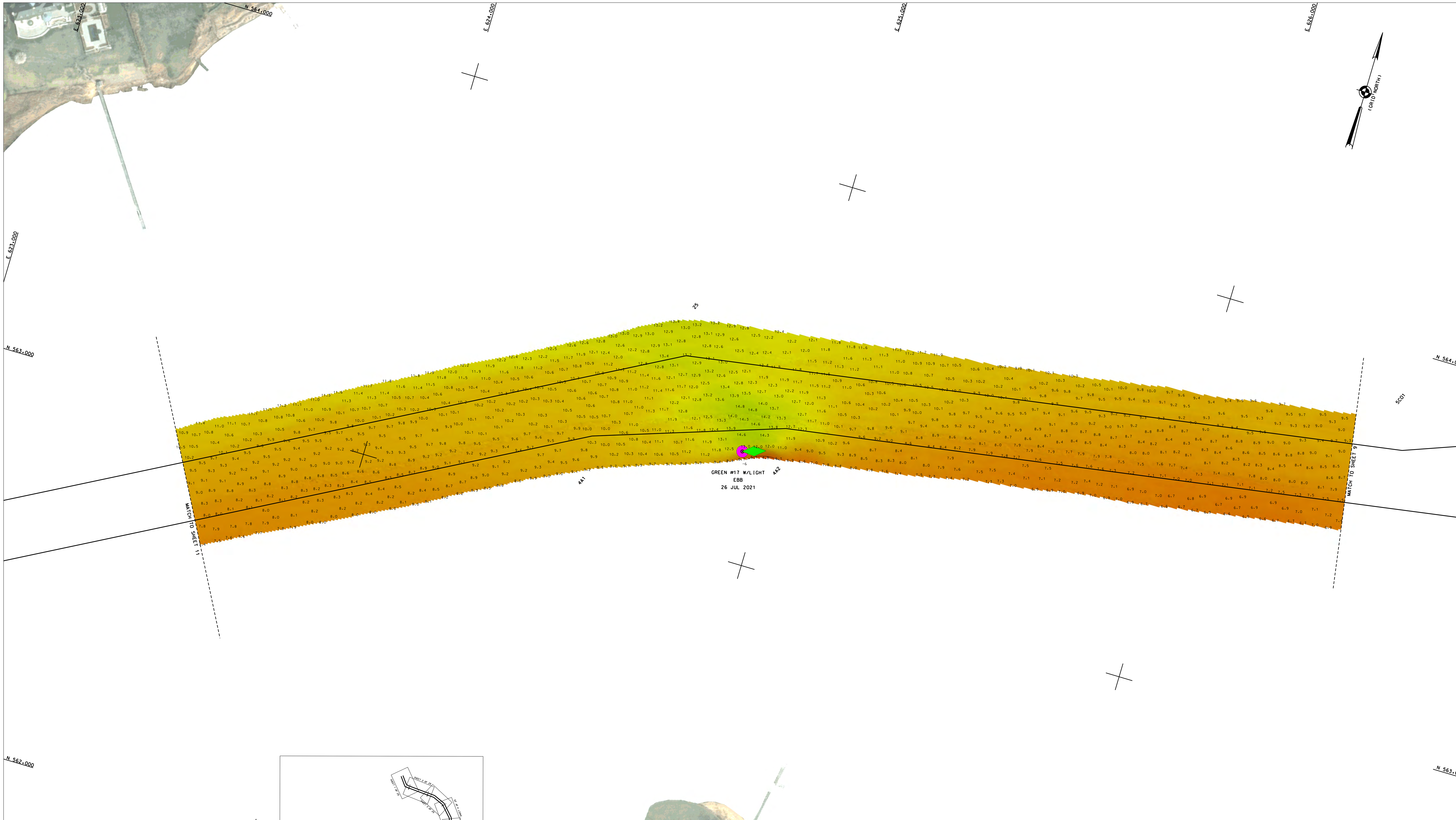
DATE: 16 AUG 2021

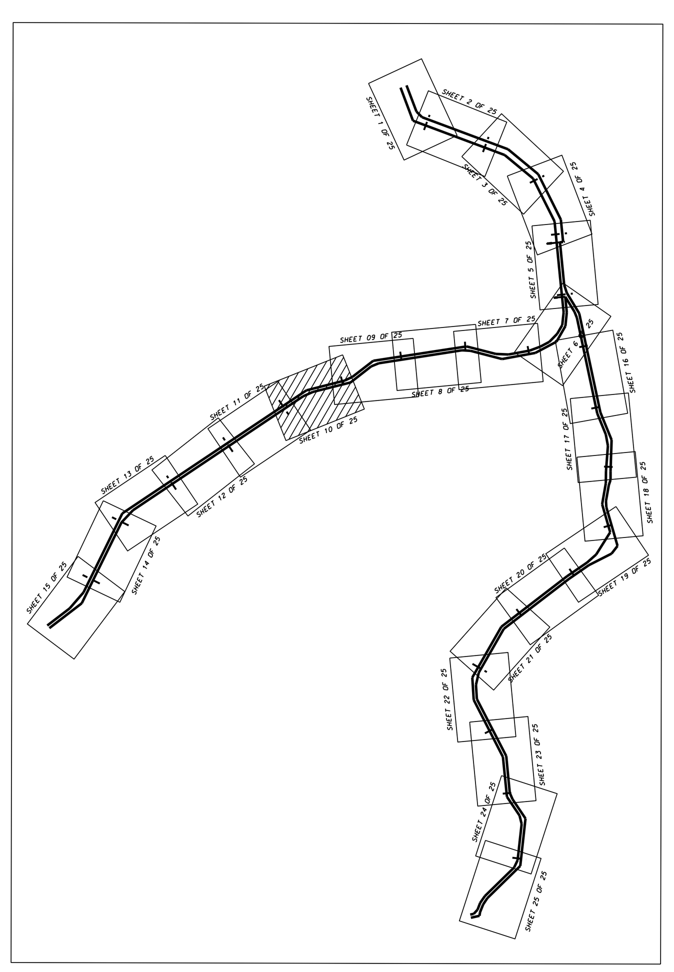
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-109





NSRS BENCHMARK	
BENCHMARK:	13 W 14 (PID:DR5293)
ELEVATION:	20.06' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96' NAVD 1988

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

ROGERS SURVEYING, PLLC

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
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FIELD BOOKS:
F.S.

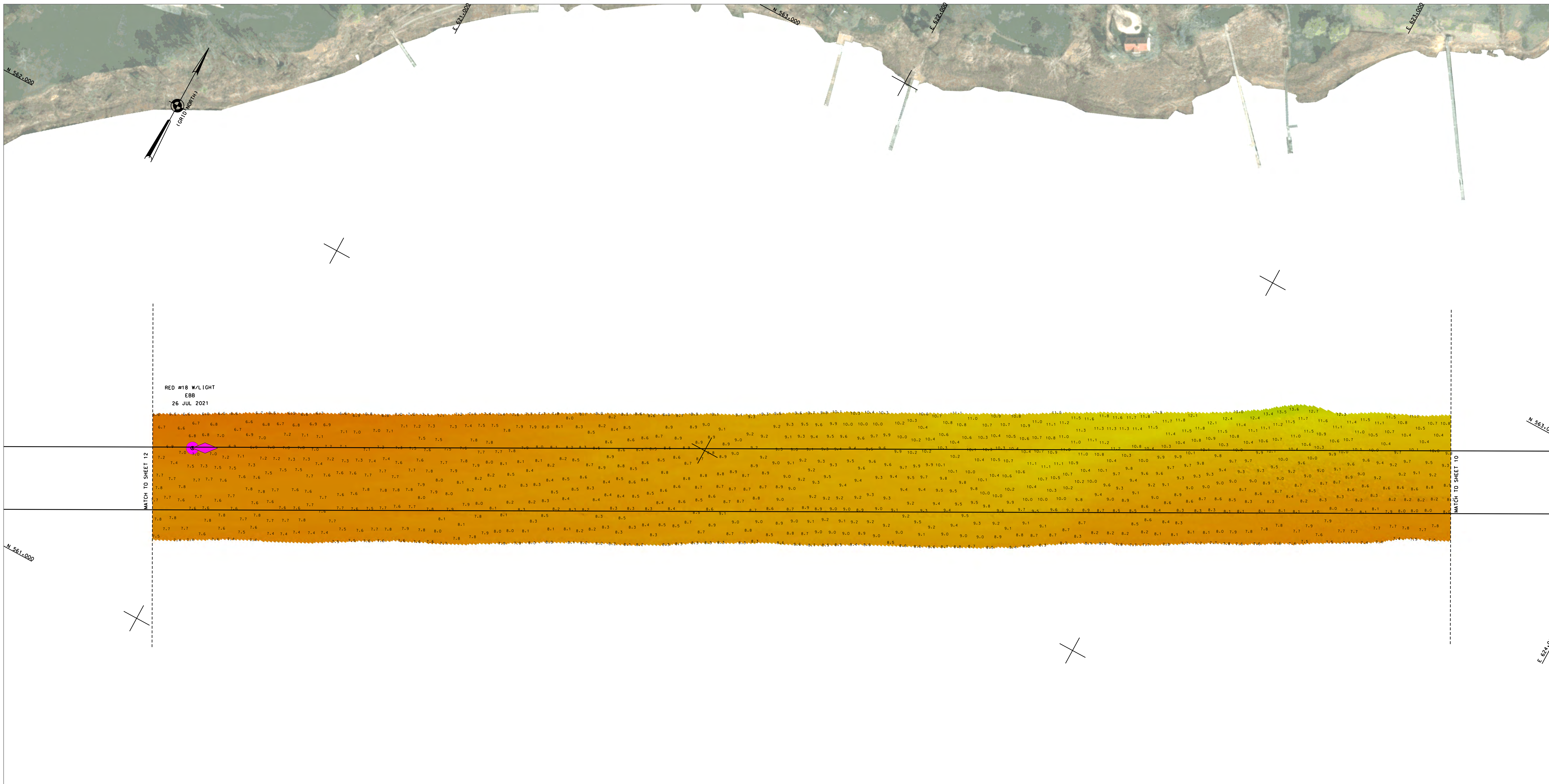
APPROVED: D. ROGERS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

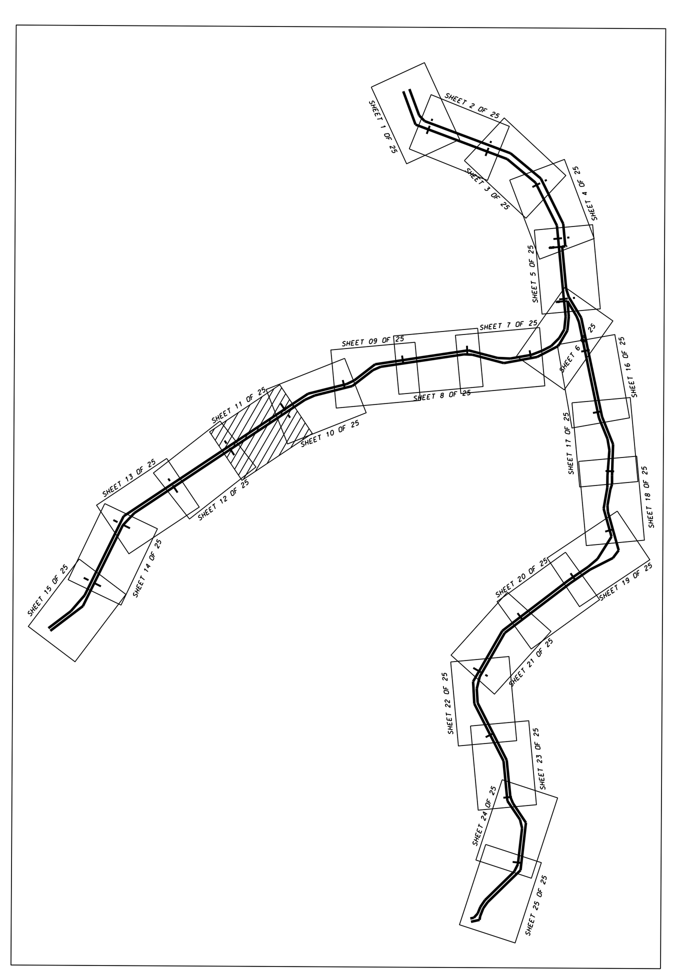
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-110





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NSRS BENCHMARK	
BENCHMARK:	13 W 14 (PID:DR5293)
ELEVATION:	20.06' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 2
ELEVATION:	20.03' NAVD 1988

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
F.S.

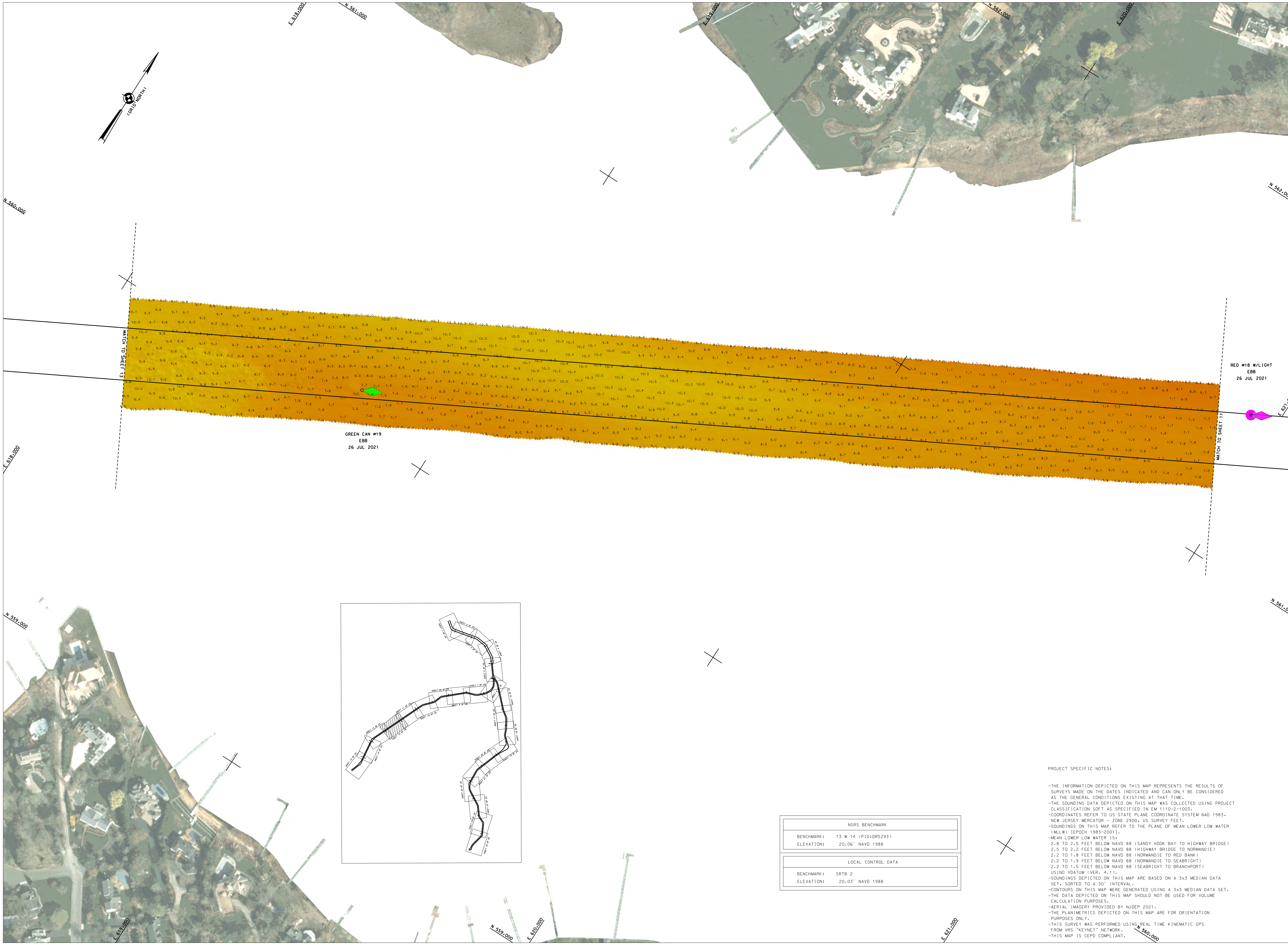
APPROVED: D. ROGERS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-111



NSRS BENCHMARK	
BENCHMARK:	13 W 14 (PID:DR5293)
ELEVATION:	20.06' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 2
ELEVATION:	20.03' NAVD 1988

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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: F.S.

APPROVED: D. ROGERS — FIELD CARTOGRAPHER

APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN

APPROVED: P. BHADUR — LEAD CARTOGRAPHER

APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY

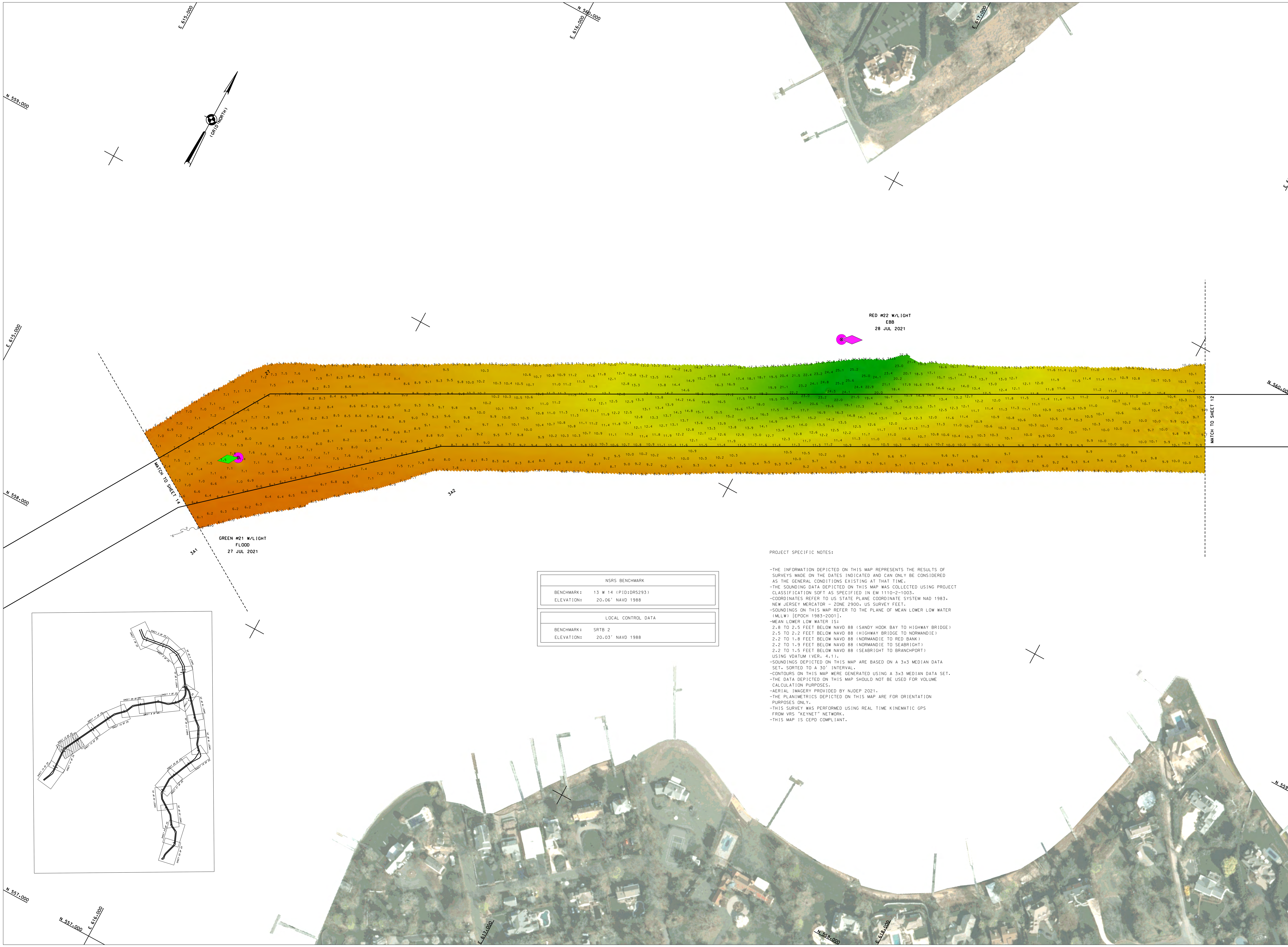
DATE: 16 AUG 2021

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-112



NSRS BENCHMARK	
BENCHMARK:	13 W 14 (PID:DR5293)
ELEVATION:	20.06' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 2
ELEVATION:	20.03' NAVD 1988

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NEW YORK DISTRICT

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www.rogerssurveying.net

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
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APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
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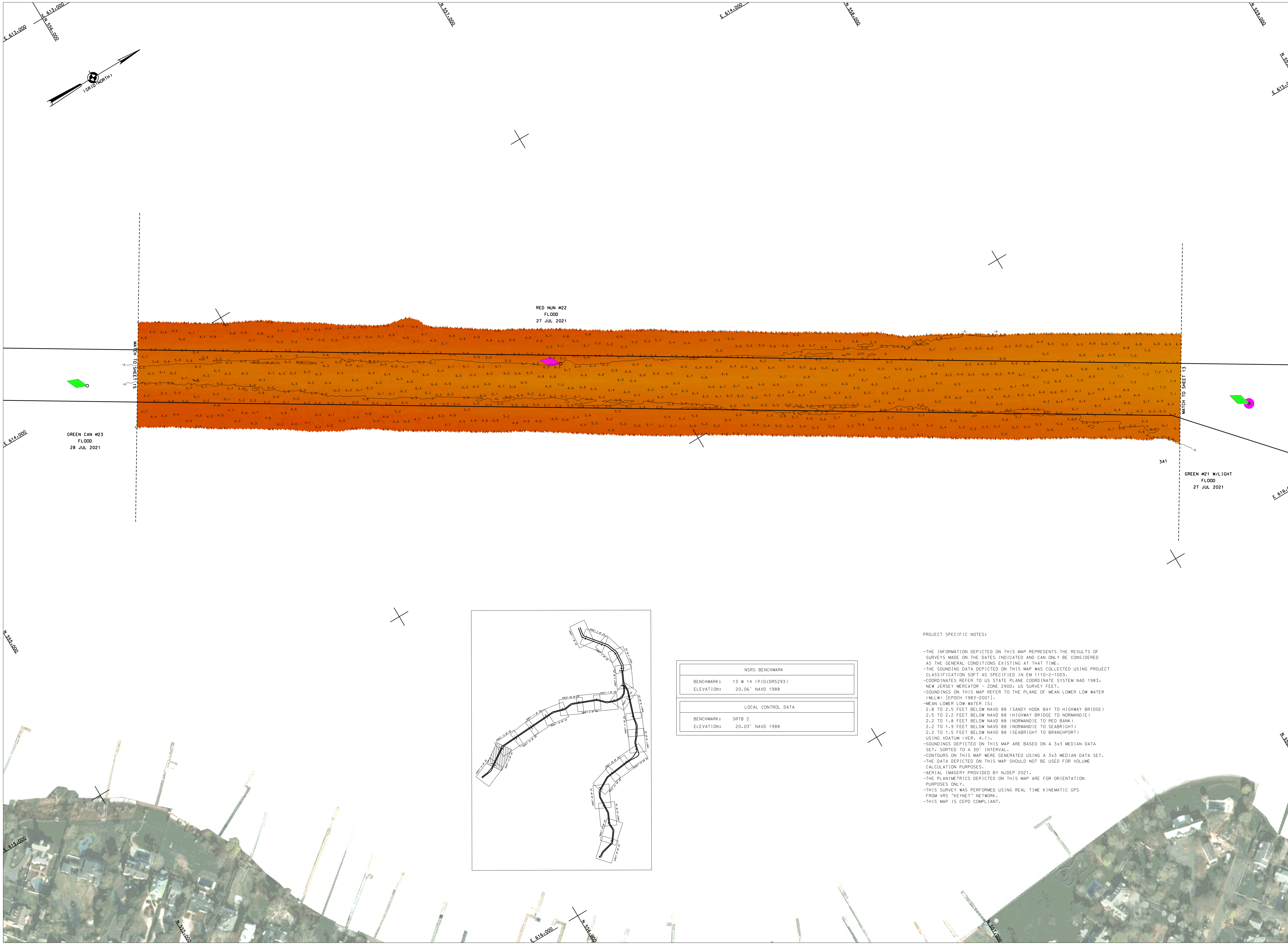
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-113



NSRS BENCHMARK	
BENCHMARK:	13 W 14 (PID:DR5293)
ELEVATION:	20.06' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 2
ELEVATION:	20.03' NAVD 1988

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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: F.S.

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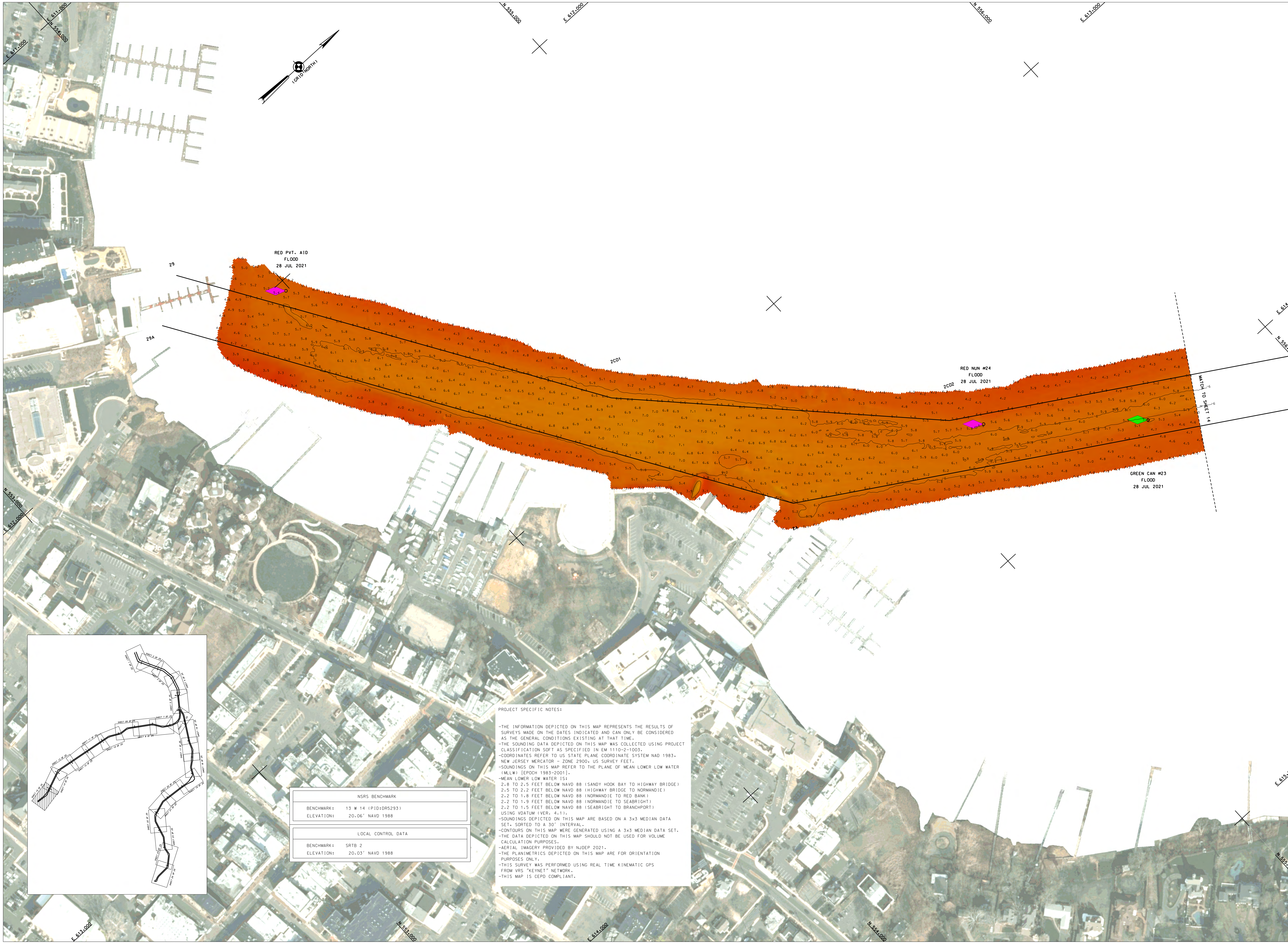
APPROVED: P. BHADUR, LEAD CARTOGRAPHER
APPROVED: J. MRAZ, DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-114



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NSRS BENCHMARK

BENCHMARK: 13 W 14 (PID:DR5293)
ELEVATION: 20.06' NAVD 1988

LOCAL CONTROL DATA

BENCHMARK: SRTB 2
ELEVATION: 20.03' NAVD 1988

US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

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DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

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DATE: 16 AUG 2021

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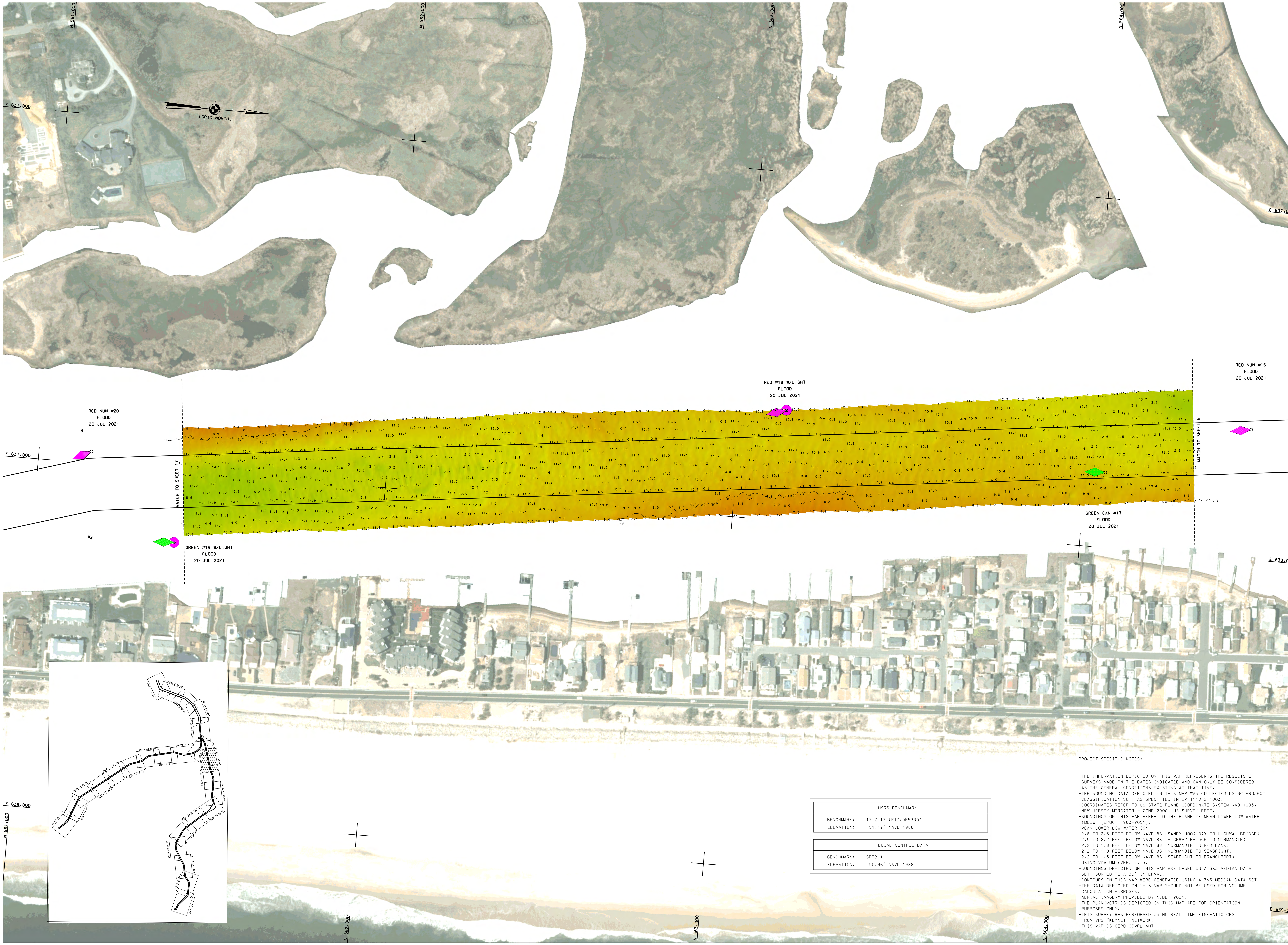
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-115



NSRS BENCHMARK

BENCHMARK: 13 Z 13 (PID:DR5330)
ELEVATION: 51.17' NAVD 1988

LOCAL CONTROL DATA

BENCHMARK: SRTB 1
ELEVATION: 50.96' NAVD 1988

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US ARMY CORPS OF ENGINEERS
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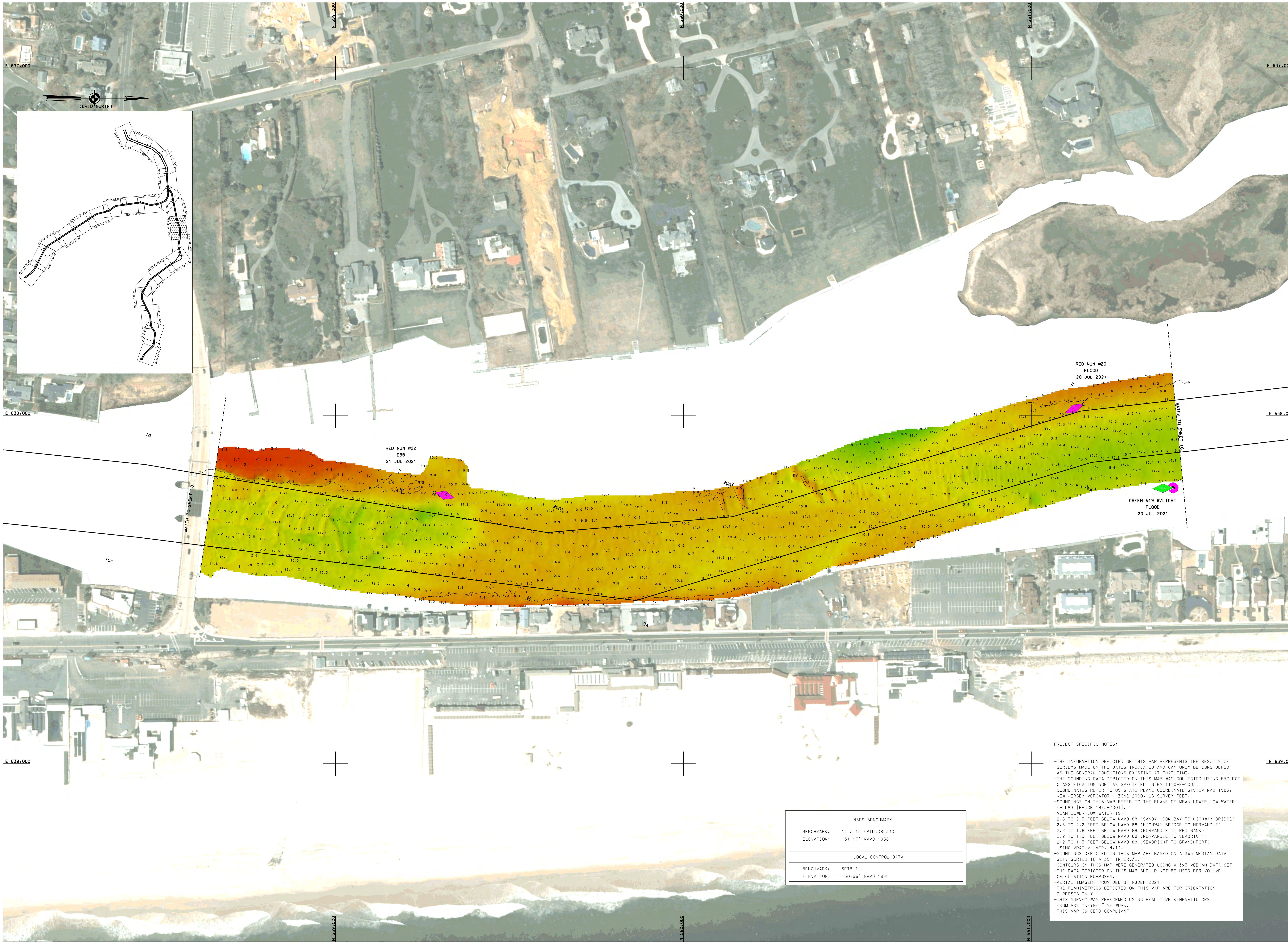
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-116

REQ NO./FILE NO.: 5070



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  2.2 TO 1.8 FEET BELOW NAVD 88 (NORMANDIE TO RED BANK)
  2.2 TO 1.9 FEET BELOW NAVD 88 (NORMANDIE TO SEABRIGHT)
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- THIS MAP IS CEPD COMPLIANT.

NSRS BENCHMARK	
BENCHMARK:	13 Z 13 (PID:DR5330)
ELEVATION:	51.17' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 1
ELEVATION:	50.96' NAVD 1988

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: F.S.

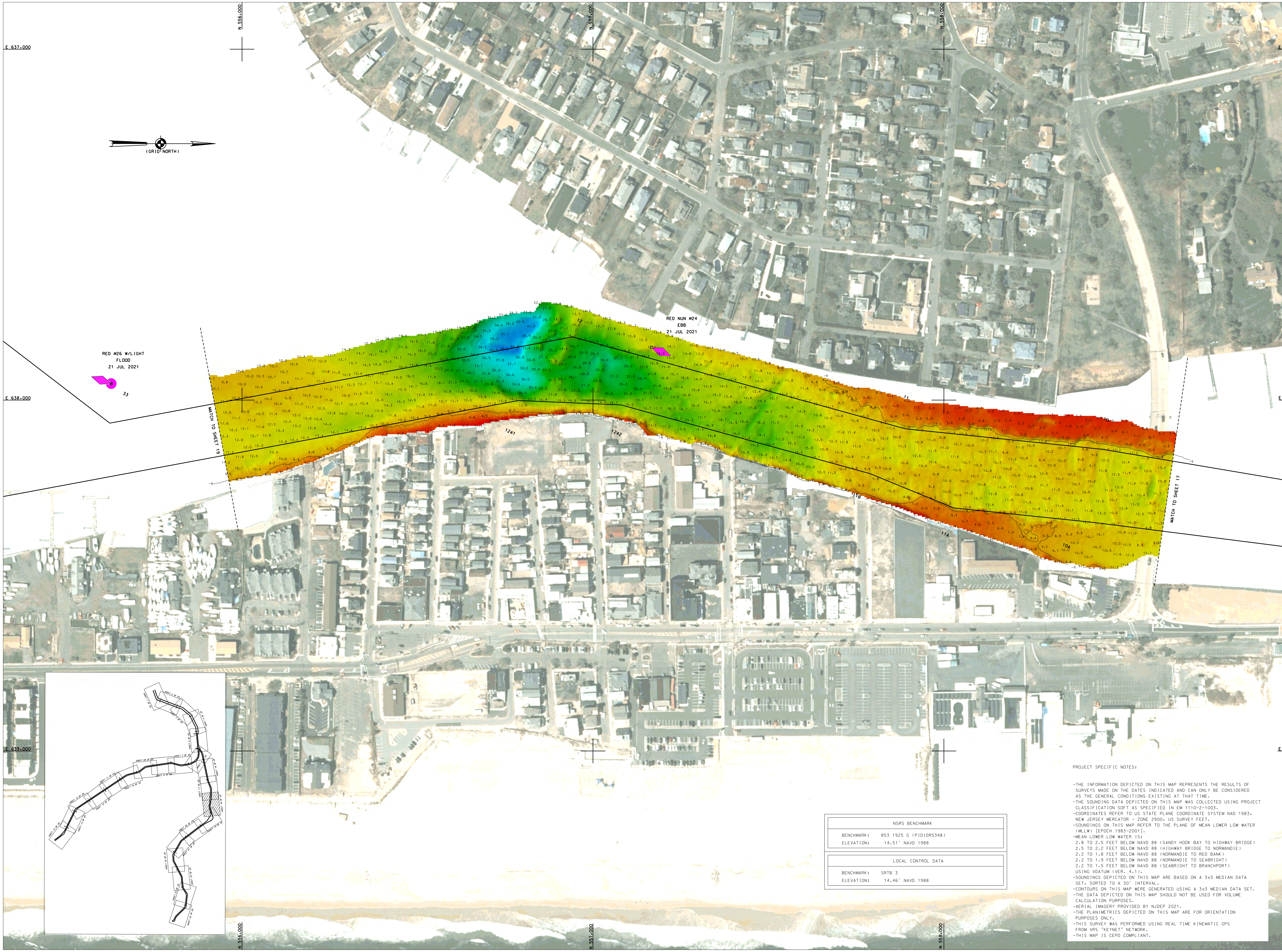
APPROVED: D. ROGERS, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, LEAD CARTOGRAPHER
APPROVED: J. MRAZ, DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-117



NSRS BENCHMARK	
BENCHMARK:	853 1925 G (PID:DR5348)
ELEVATION:	14.51' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 3
ELEVATION:	14.46' NAVD 1988

PROJECT SPECIFIC NOTES:

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
F.S.

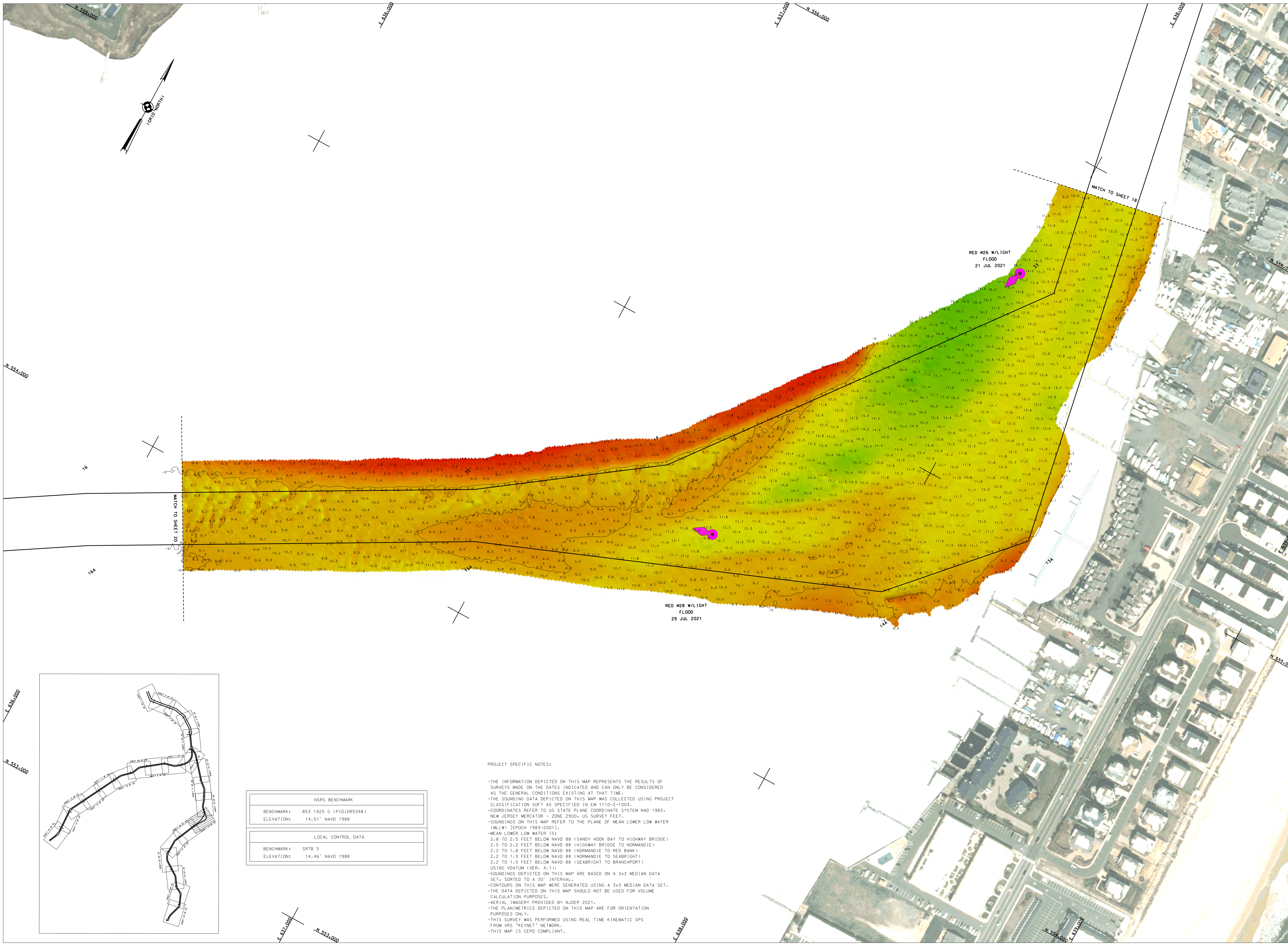
APPROVED: D. ROGERS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-118



NSRS BENCHMARK	
BENCHMARK:	853 1925 G (PID:DR5348)
ELEVATION:	14.51' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 3
ELEVATION:	14.46' NAVD 1988

PROJECT SPECIFIC NOTES:

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  2.2 TO 1.9 FEET BELOW NAVD 88 (NORMANDIE TO SEABRIGHT)
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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
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APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

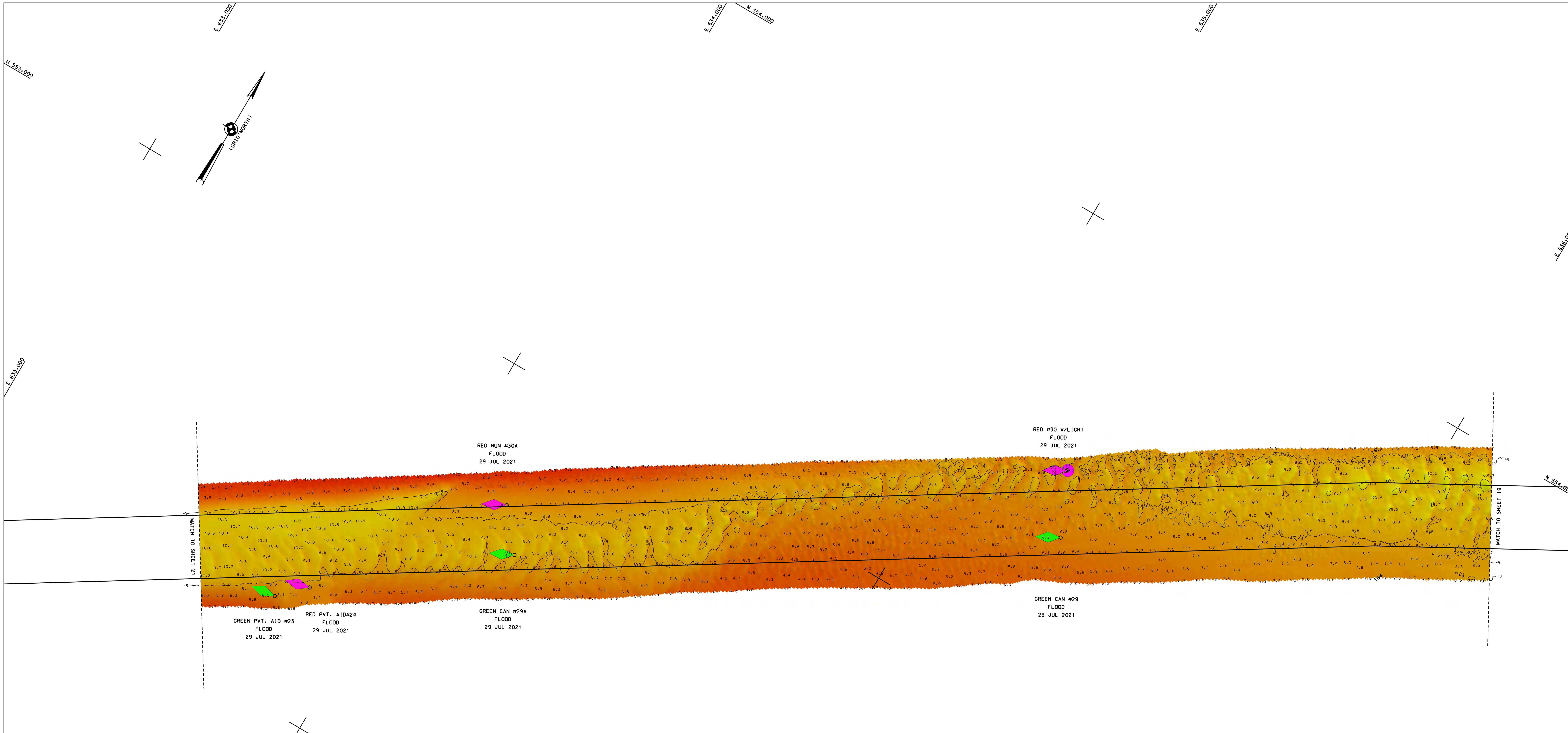
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

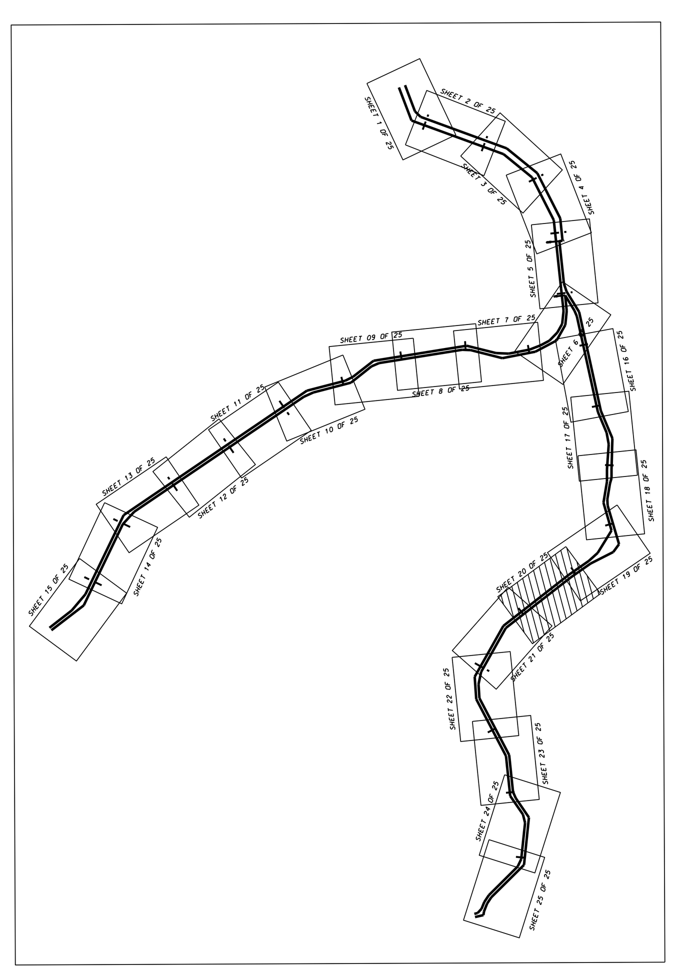
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

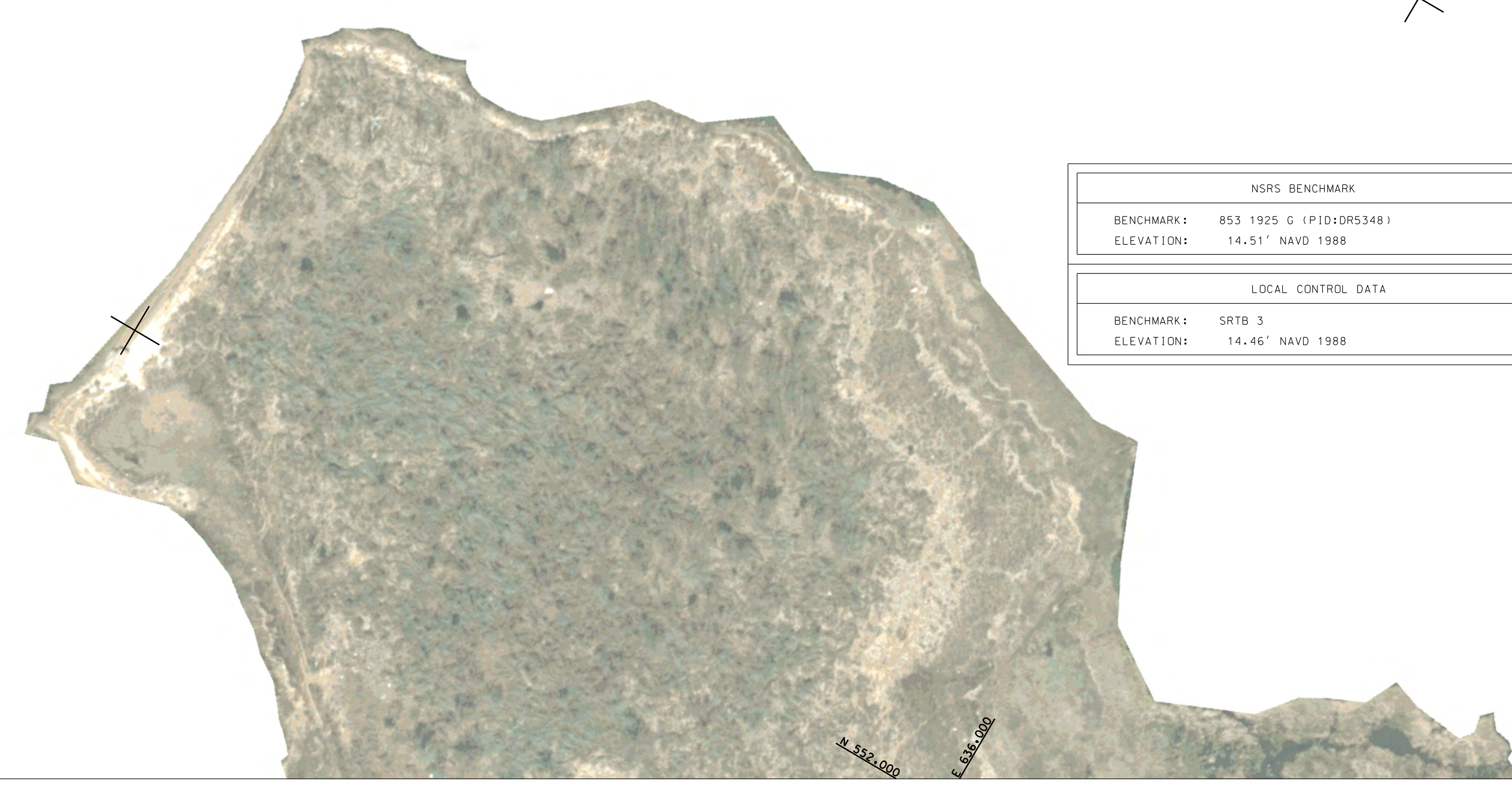
SHREWSBURY RIVER
NEW JERSEY

CONDITION SURVEY

VH-119







NSRS BENCHMARK	
BENCHMARK:	853 1925 G (PID:DR5348)
ELEVATION:	14.51' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 3
ELEVATION:	14.46' NAVD 1988

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
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APPROVED: D. ROGERS FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
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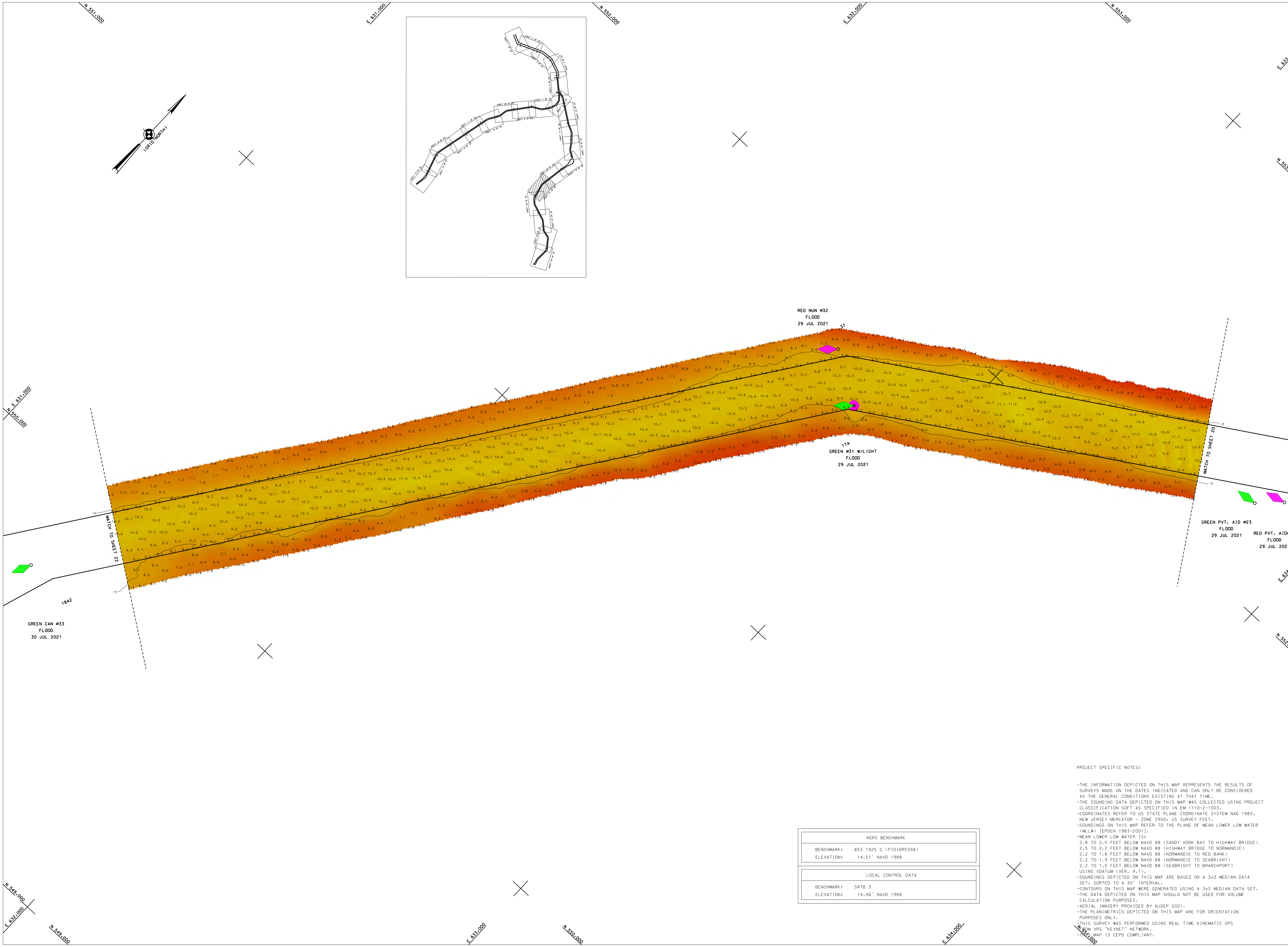
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-120



US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

NSRS BENCHMARK	
BENCHMARK:	853 1925 G (PID:DR5348)
ELEVATION:	14.51' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 3
ELEVATION:	14.46' NAVD 1988

PROJECT SPECIFIC NOTES:

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DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
F.S.

APPROVED: D. ROGERS FIELD CARTOGRAPHER
APPROVED: M. FORTE CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR LEAD CARTOGRAPHER
APPROVED: J. MRAZ DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

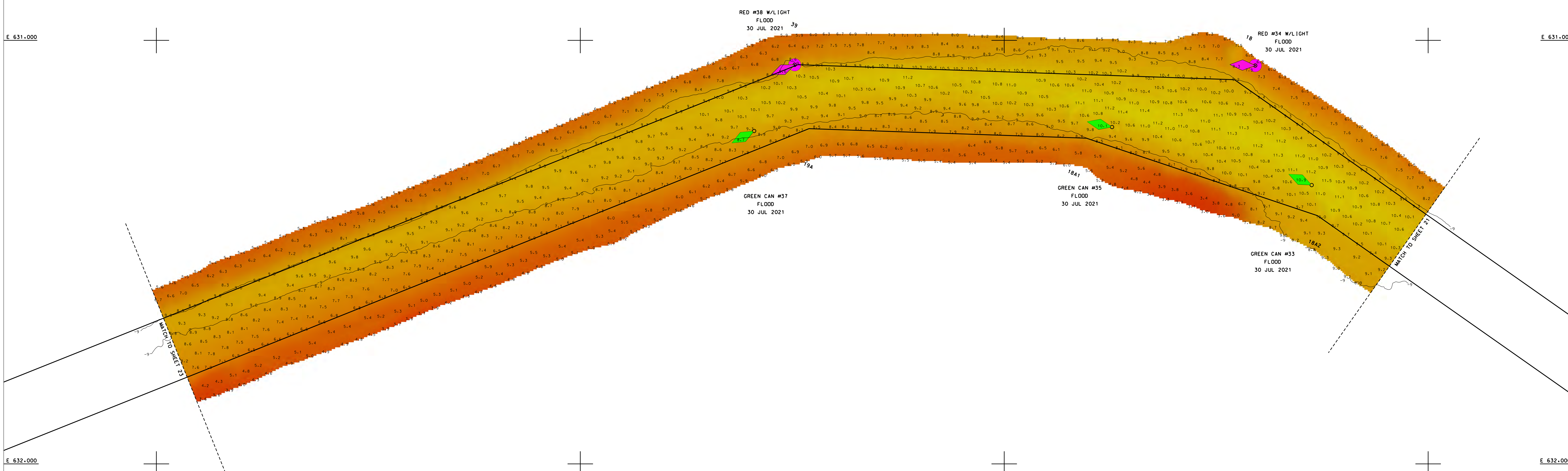
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

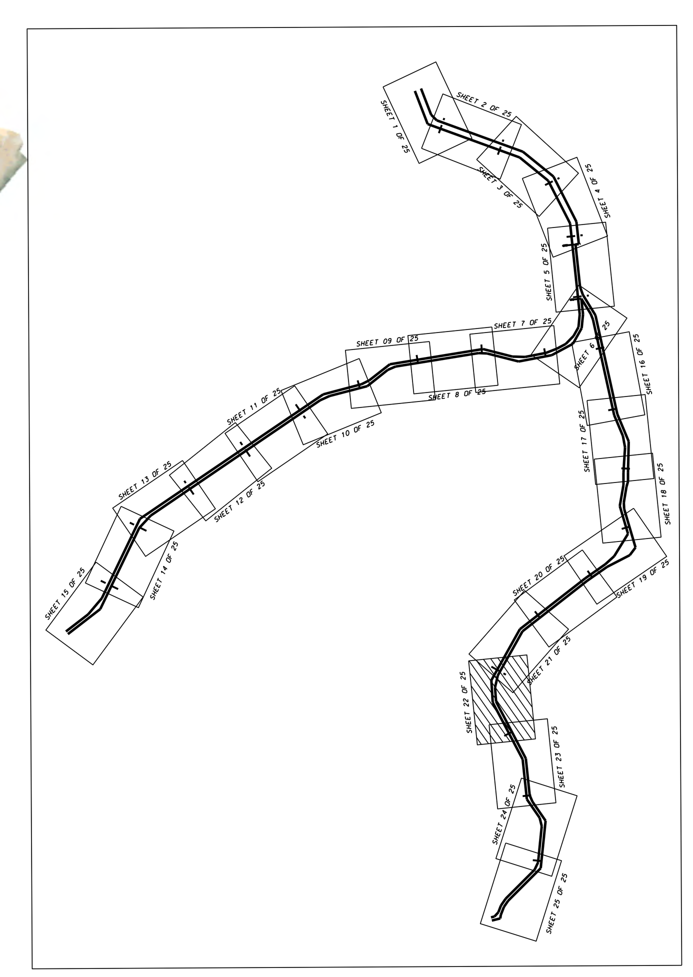
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-121

(GRID NORTH)





NSRS BENCHMARK	
BENCHMARK:	853 1925 G (PID:DR5348)
ELEVATION:	14.51′ NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 3
ELEVATION:	14.46′ NAVD 1988

PROJECT SPECIFIC NOTES:

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

ROGERS SURVEYING, PLLC

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
F.S.

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

APPROVED: D. ROGERS — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — LEAD CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 16 AUG 2021

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-122

NSRS BENCHMARK	
BENCHMARK:	853 1925 G (PID:DR5348)
ELEVATION:	14.51' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 3
ELEVATION:	14.46' NAVD 1988

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US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

ROGERS SURVEYING, PLLC
2420 Arthur Kill Rd.
Staten Island, N.Y. 10309
(718) 447-7311
www.rogerssurveying.net

DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

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F.S.

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APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
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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

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-123

SHEET 23 OF 25

NSRS BENCHMARK	
BENCHMARK:	853 1925 G (PID:DR5348)
ELEVATION:	14.51' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 3
ELEVATION:	14.46' NAVD 1988

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US ARMY CORPS
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NEW YORK DISTRICT

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DATES OF SURVEY:
15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
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APPROVED: J. MRAZ
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DATE: 16 AUG 2021

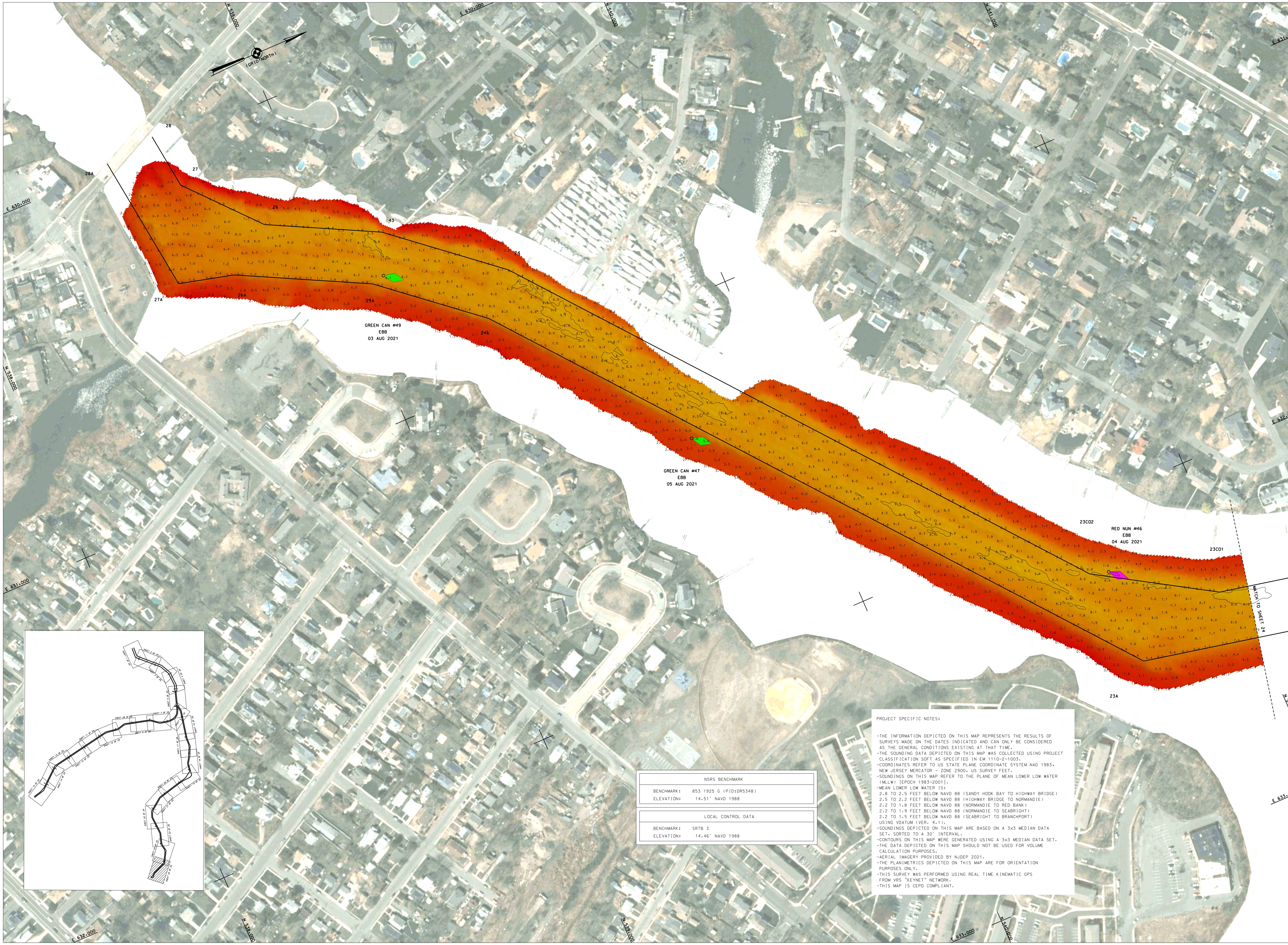
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-124

SHEET 24 OF 25



US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

ROGERS SURVEYING PLLC

DATES OF SURVEY: 15 JUL 2021 - 05 AUG 2021

REQ NO./FILE NO.: 5070

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: F.S.

APPROVED: D. ROGERS — FIELD 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

SHREWSBURY RIVER
NEW JERSEY
CONDITION SURVEY

VH-125

SHEET 25 OF 25

NSRS BENCHMARK	
BENCHMARK:	853 1925 G (PID:DR5348)
ELEVATION:	14.51' NAVD 1988

LOCAL CONTROL DATA	
BENCHMARK:	SRTB 3
ELEVATION:	14.46' 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 SOFT 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 TO 2.5 FEET BELOW NAVD 88 (SANDY HOOK BAY TO HIGHWAY BRIDGE)
  2.5 TO 2.2 FEET BELOW NAVD 88 (HIGHWAY BRIDGE TO NORMANDIE)
  2.2 TO 1.8 FEET BELOW NAVD 88 (NORMANDIE TO RED BANK)
  2.2 TO 1.9 FEET BELOW NAVD 88 (NORMANDIE TO SEABRIGHT)
  2.2 TO 1.5 FEET BELOW NAVD 88 (SEABRIGHT TO BRANCHPORT)
  USING VDATUM (VER. 4.1).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3x3 MEDIAN DATA SET, SORTED TO A 30' INTERVAL.
- CONTOURS ON THIS MAP WERE GENERATED USING A 3x3 MEDIAN DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY NJDEP 2021.
- THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM VRS "KEYNET" NETWORK.
- THIS MAP IS CEPD COMPLIANT.