

SHEET 1 OF 11

TABULATION OF CHANNEL COORDINATES
U.S. STATE PLANE, NAD 83,
ZONE 2900, NEW JERSEY, U.S. FEET



NEW JERSEY C.R.R. BRIDGE

SOUTH AMBOY

NSRS BEN

BENCHMARK: 85 (PID: KV0006)
ELEVATION: 63.49' (NAVD88)

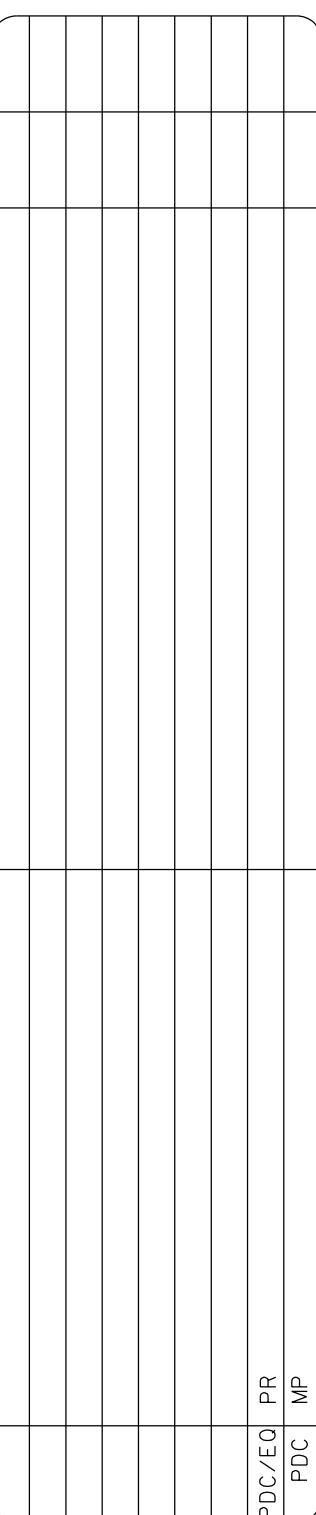
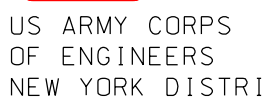
LOCAL CONTROL DATA

BENCHMARK: HESS 83 RESET 1988
ELEVATION: 10.25' (NAVD88)

CLICK ON ICON
EDGE TO OPEN

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 A GENERAL GUIDE.
- THE SOUNDINGS ON THIS MAP MAY MEET EM 1110-2-1003 ACCURACY STANDARDS.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 983.
- SOUNDINGS ON THIS MAP ARE TO THE FEET BELOW MEAN LOWER LOW WATER.
- MEAN LOWER LOW WATER IS 2.9-3.0 FEET BELOW NAVD88 AS DETERMINED USING VDatum (vver, 3.0).
- SOUNDINGS DEPICTED ON THIS MAP HAVE BEEN SORTED TO A 30' INTERVAL USING THE FULL DATA SET.
- CONTINUOUS SOUNDING DATA WAS OBTAINED USING THE 3K3 MEDIAN DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGES PROVIDED BY NGSIN 2012-2013.
- THE PLANNETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY.
- THE SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "GAZARDH".
- THIS MAP WAS CREATED IN ACCORDANCE WITH EM 1110-2-8160 AND EM 1110-6-0565.



DATES OF SURVEY:

5-18-22-24, 26, 31	OCTOBER 2018
1, 26-27	NOVEMBER 2018
6-7	DECEMBER 2018

FILE NO.: 533
REQUEST NO.: 4760/NN2

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. MCKELVEY
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARPENTER

APPROVED: J. MRAZ
SENIOR CHIEF OF SENTRY

DATE: 12 DECEMBER 2018

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 1027

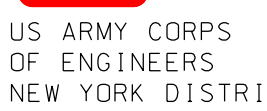
OPERATIONS DIVISION
SURVEY SECTION
CEWAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-102

SHEET 2 OF 11

FILE NO. 533
REQ. NO. 4760 N1/N

[illegible]

DATES OF SURVEY:
 5-18, 22-24, 26, 31 OCTOBER 2018
 1. 26-27 NOVEMBER 2018
 6-7 DECEMBER 2018

FILE NO.: 533

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. MCKELVEY
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARPENTER

APPROVED: J. MRAZ
CITY ENGINEER OF PUBLIC WORKS

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

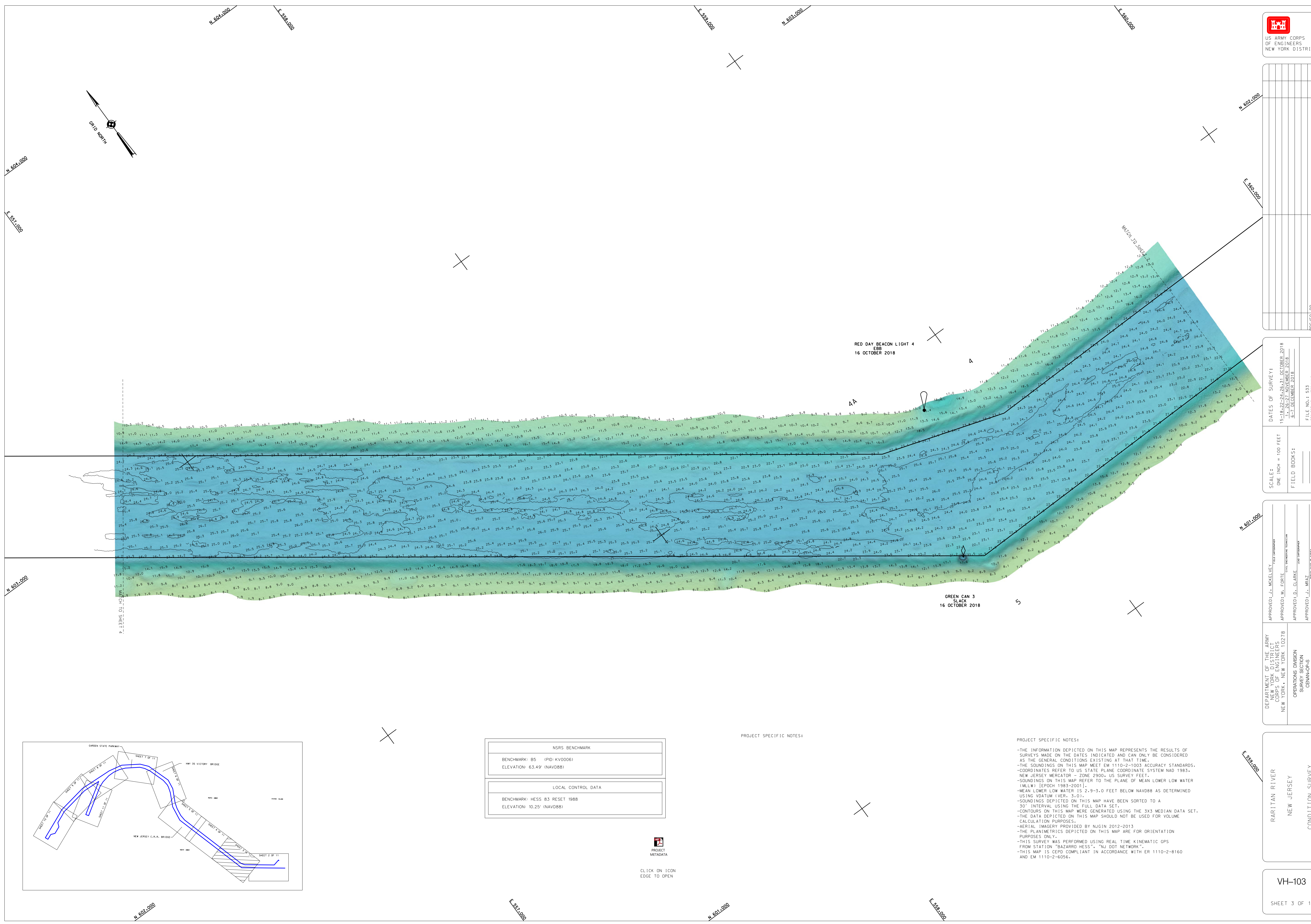
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

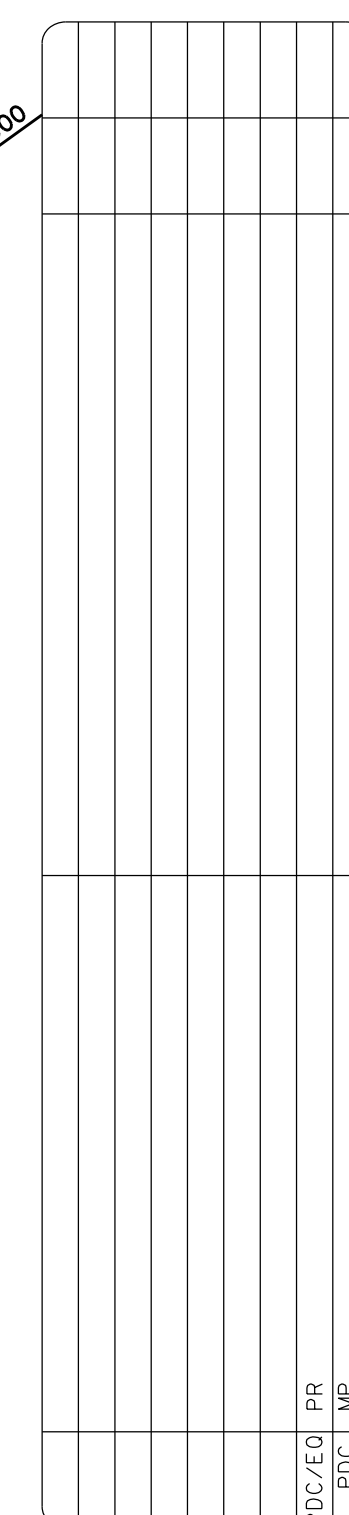
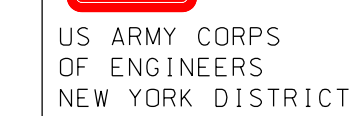
RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-103

SHEET 3 OF 1

FILE NO. 533
REQ. NO. 4760





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DATES OF SURVEY:

15-18, 22-24, 26, 31, OCTOBER 2018

1, 26-27 NOVEMBER 2018

6-7 DECEMBER 2018

FILE NO.: 533

REQUEST NO.: 4760/N1N2

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. MCKELVEY
FIELD ENGINEER/INSP

APPROVED: W. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CIVIL ENGINEER

APPROVED: J. MARIZ
SENIOR CHIEF OF WORKS

DATE: 12 DECEMBER 2018

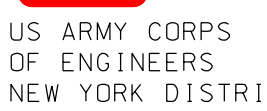
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-104

SHEET 4 OF 11

[illegible]

DATES OF SURVEY: 5-18, 22-24, 26, 31 OCTOBER 2018

FILE NO.: 533

SCALE:
ONE INCH = 100 FEET

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APPROVED: J. MCKELVEY
FIELD ENGINEER

APPROVED: J. MRAZ

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK NEW YORK 10078

SURVEY SECTION
CENAN-OP-S

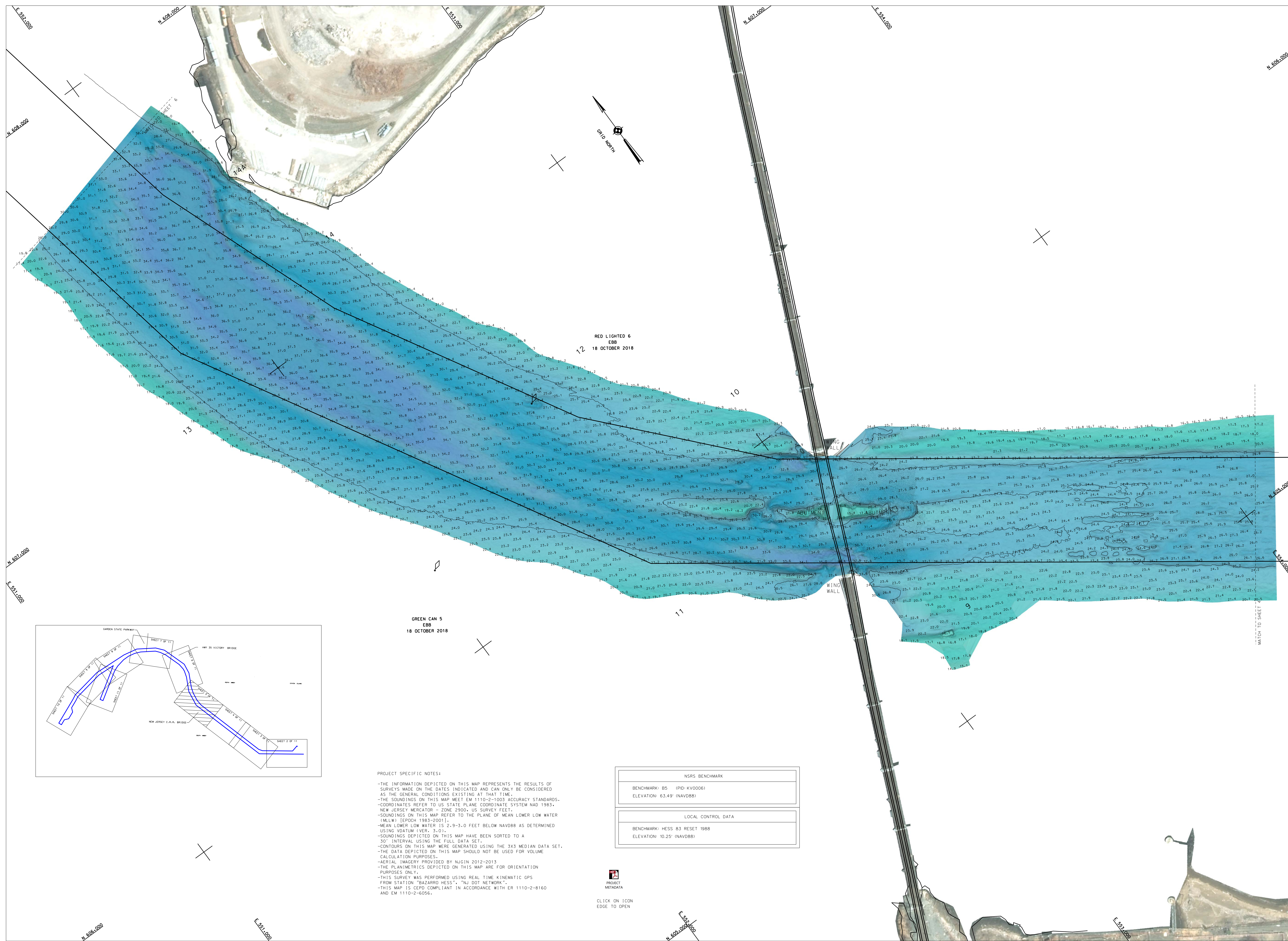
RARITAN RIVER

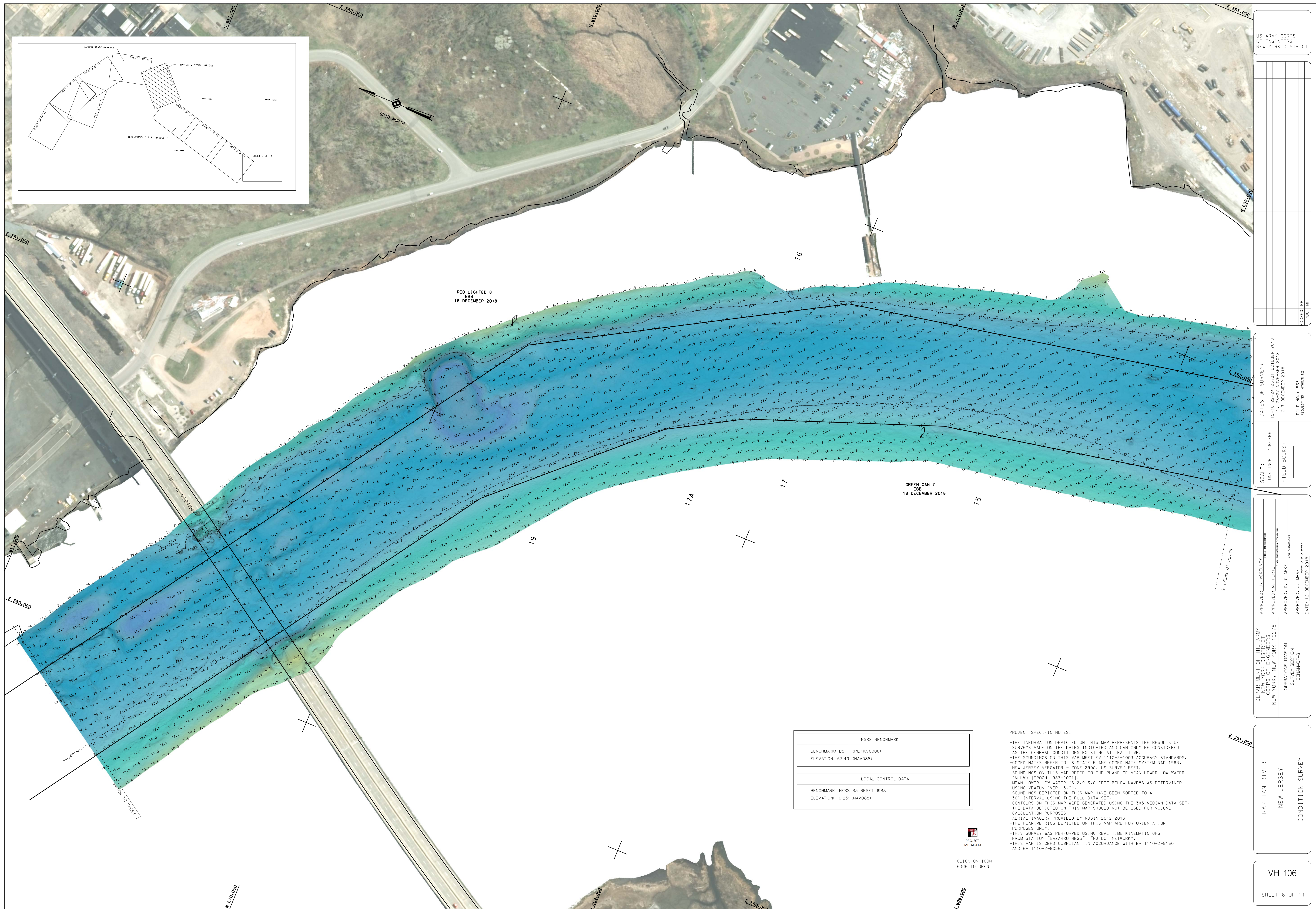
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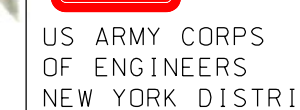
VH-105

SHEET 5 OF 11

FILE NO. 533
REQ. NO. 4760 N1/N2





[illegible]

SCALE : ONE INCH = 100 FEET	DATES OF SURVEY : 15-18,22-24,26,31 OCTOBER 2018 1, 26-27 NOVEMBER 2018 6-7 DECEMBER 2018
FIELD BOOKS : XXXX	FILE NO. : 533

APPROVED: J. MCKELVEY
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
CIVIL ENGINEER

APPROVED: J. MRAZ
CIVIL ENGINEER

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NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

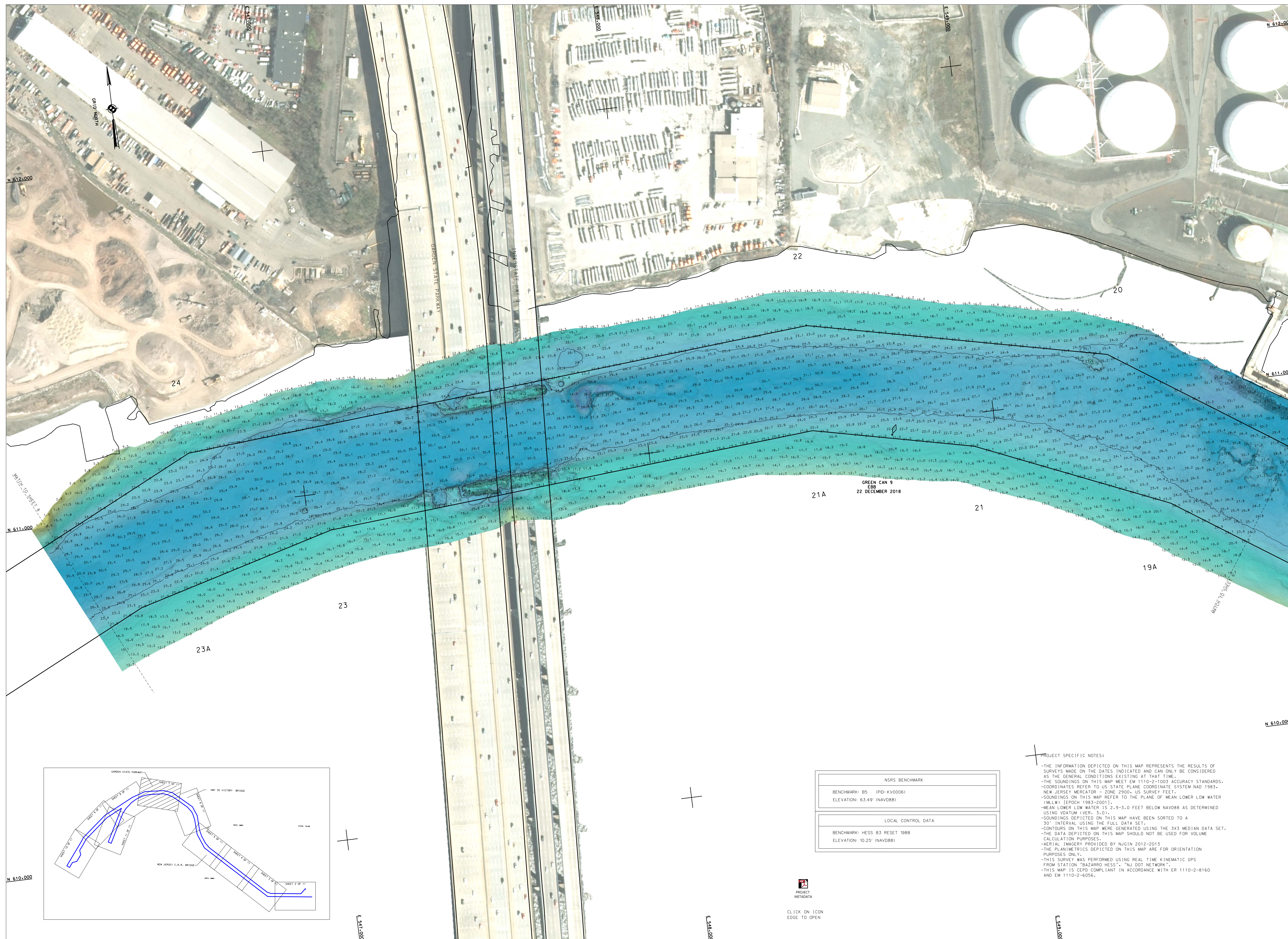
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

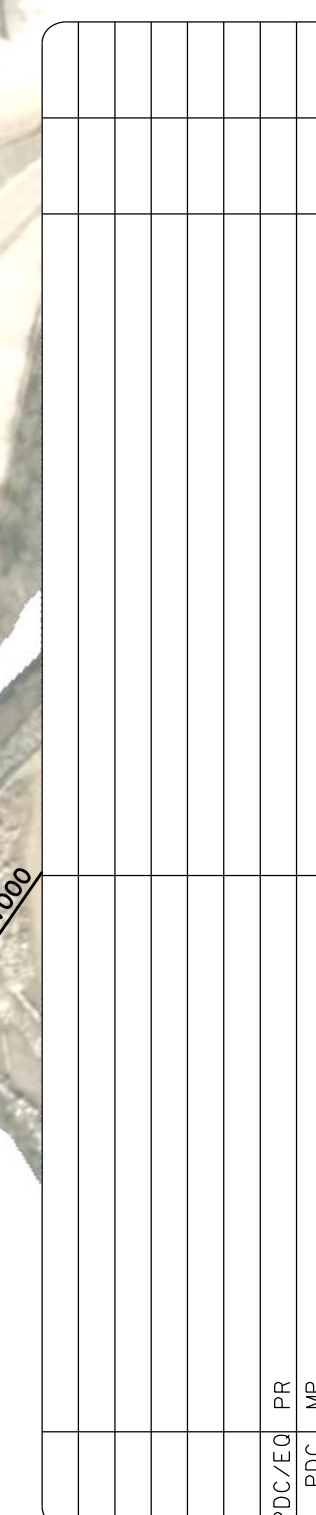
RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-107

SHEET 7 OF 1

FILE NO. 533
REQ. NO. 4760 N1/N





SCALE : ONE INCH = 100 FEET	DATES OF SURVEY : 15-18, 22-24, 26-31, OCTOBER 2018 1-26-27 NOVEMBER 2018 6-7 DECEMBER 2018
FIELD BOOKS : XXXX	FILE NO. : 533

APPROVED: J. MCKELVEY
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARPENTER

APPROVED: J. MRAZ
CITY ENGINEER OF TRAFFIC

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

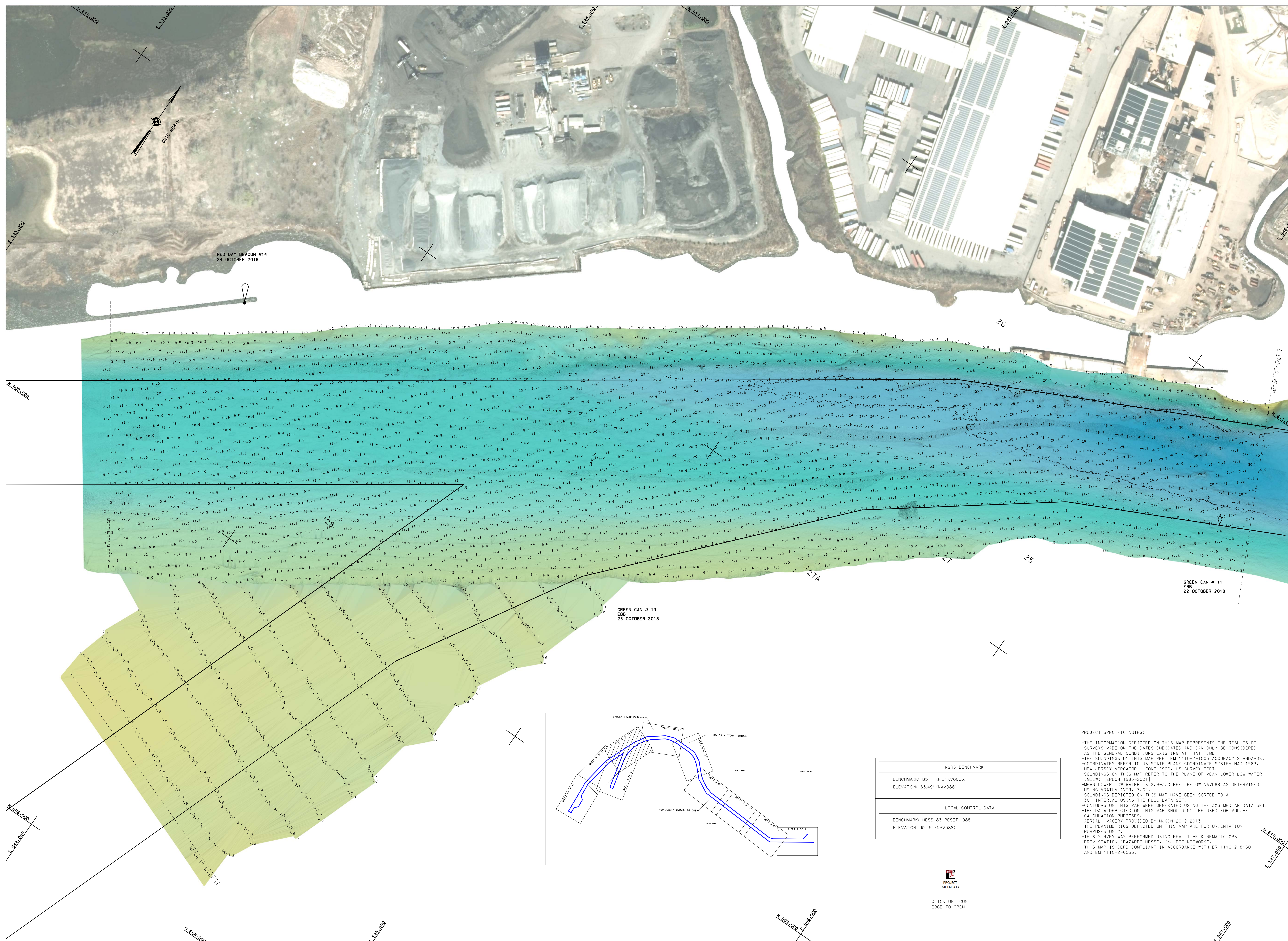
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

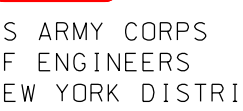
RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-108

SHEET 8 OF 1

FILE NO. 533
REQ. NO. 4760 N1/N2



[illegible]

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 5-18, 22-24, 26, 31 OCTOBER 2018
 1, 26-27 NOVEMBER 2018
 6-7 DECEMBER 2018

FILE NO.: 533

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:

APPROVED: J. MCKELVEY
FIELD ENGINEER

APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN

APPROVED: D. CLARKE
LEAD CARPENTER

APPROVED: J. MRAZ
SENIOR MASTER CARPENTER

NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

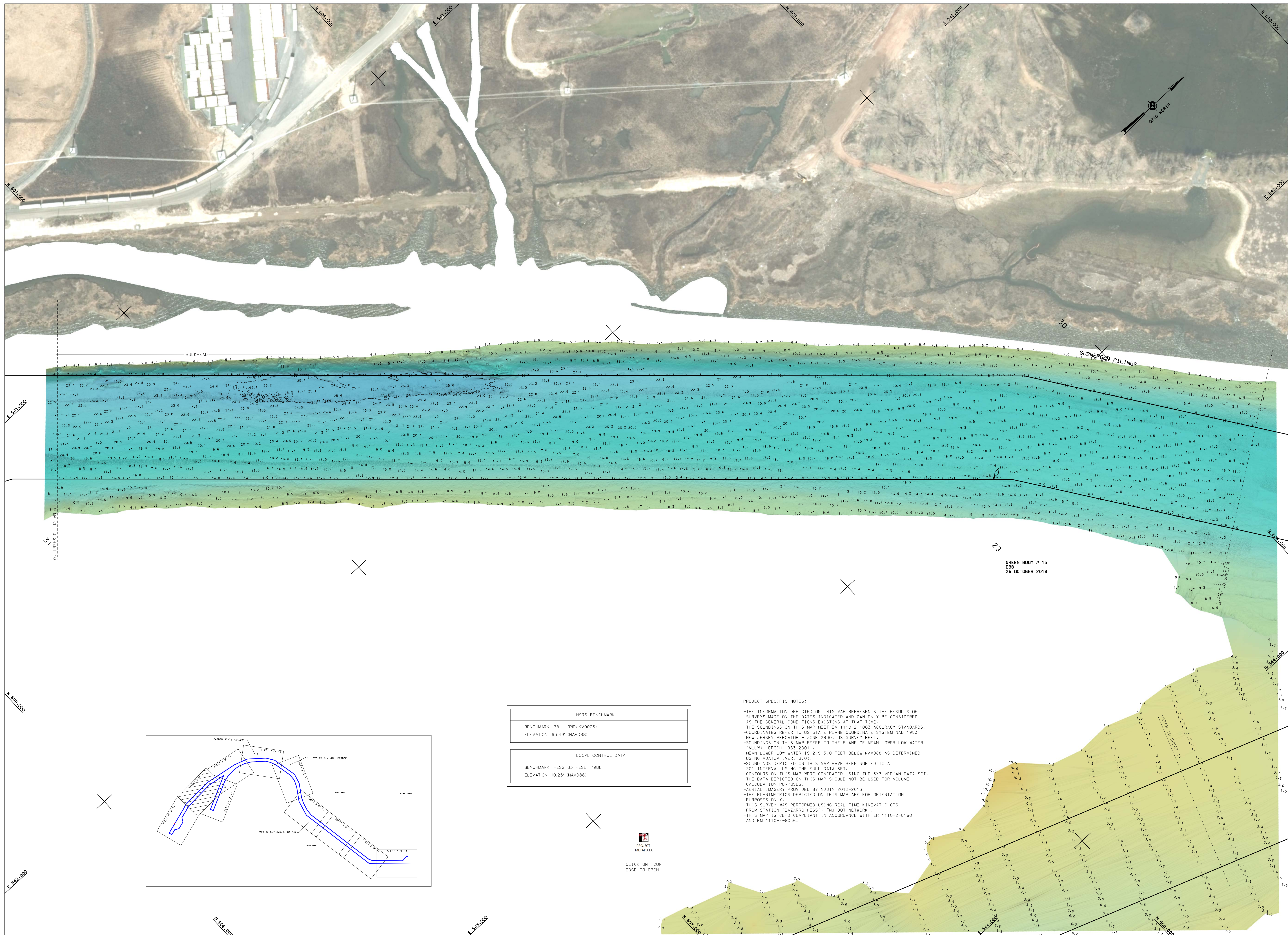
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

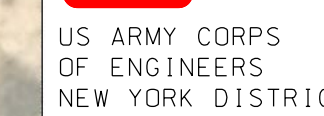
RARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-109

SHEET 09 OF 1

FILE NO. 533
REQ. NO. 4760



[illegible]

SCALE:	ONE INCH = 100 FEET
FIELD BOOKS:	XXXX
DATES OF SURVEY:	15-18-22-24-26-31 OCTOBER 2018 1-26-27 NOVEMBER 2018 6-7 DECEMBER 2018
	FILE NO.: 533 REFNO.: 82604192

APPROVED: J. MCKELVEY
FILED: 01/04/2004
APPROVED: M. FORTE
CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE
CIVIL ENGINEERING
APPROVED: J. MRAZ
SENIOR CHIEF OF SURVEY

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

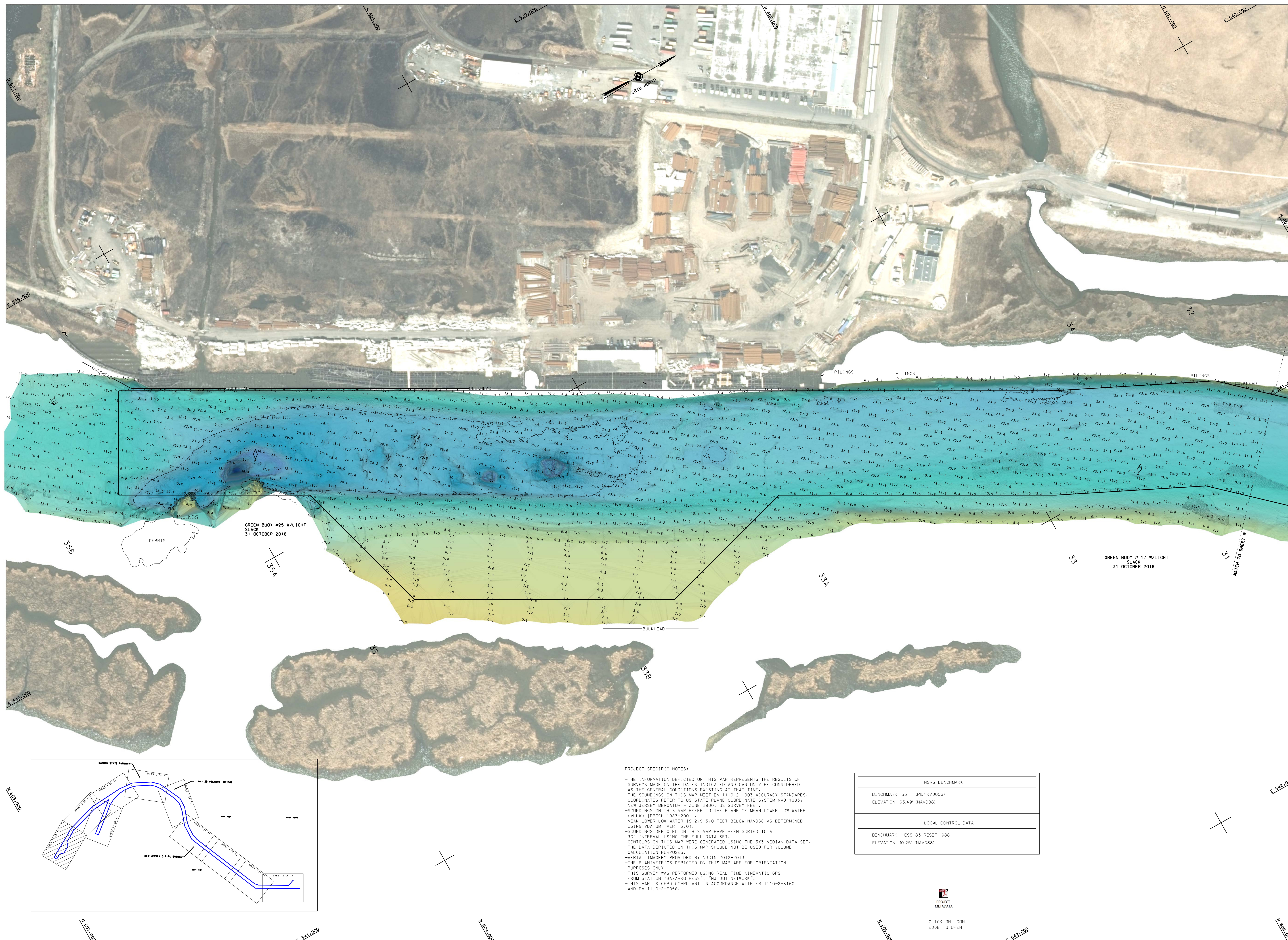
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

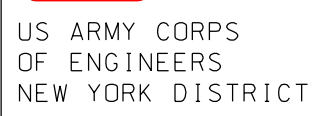
PARITAN RIVER
NEW JERSEY
CONDITION SURVEY

VH-110

SHEET 10 OF 1

FILE NO. 533
REQ. NO. 4760 N1/N



[illegible]

5-18-22-24-26-31 OCTOBER 2018

SCALE:
ONE INCH = 100 FEET

APPROVED: J. MCKELVEY
FIELD CARTOGRAPHER

DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK NEW YORK 10078

RARITAN RIVER

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SHEET 11 OF 11

FILE NO. 533

