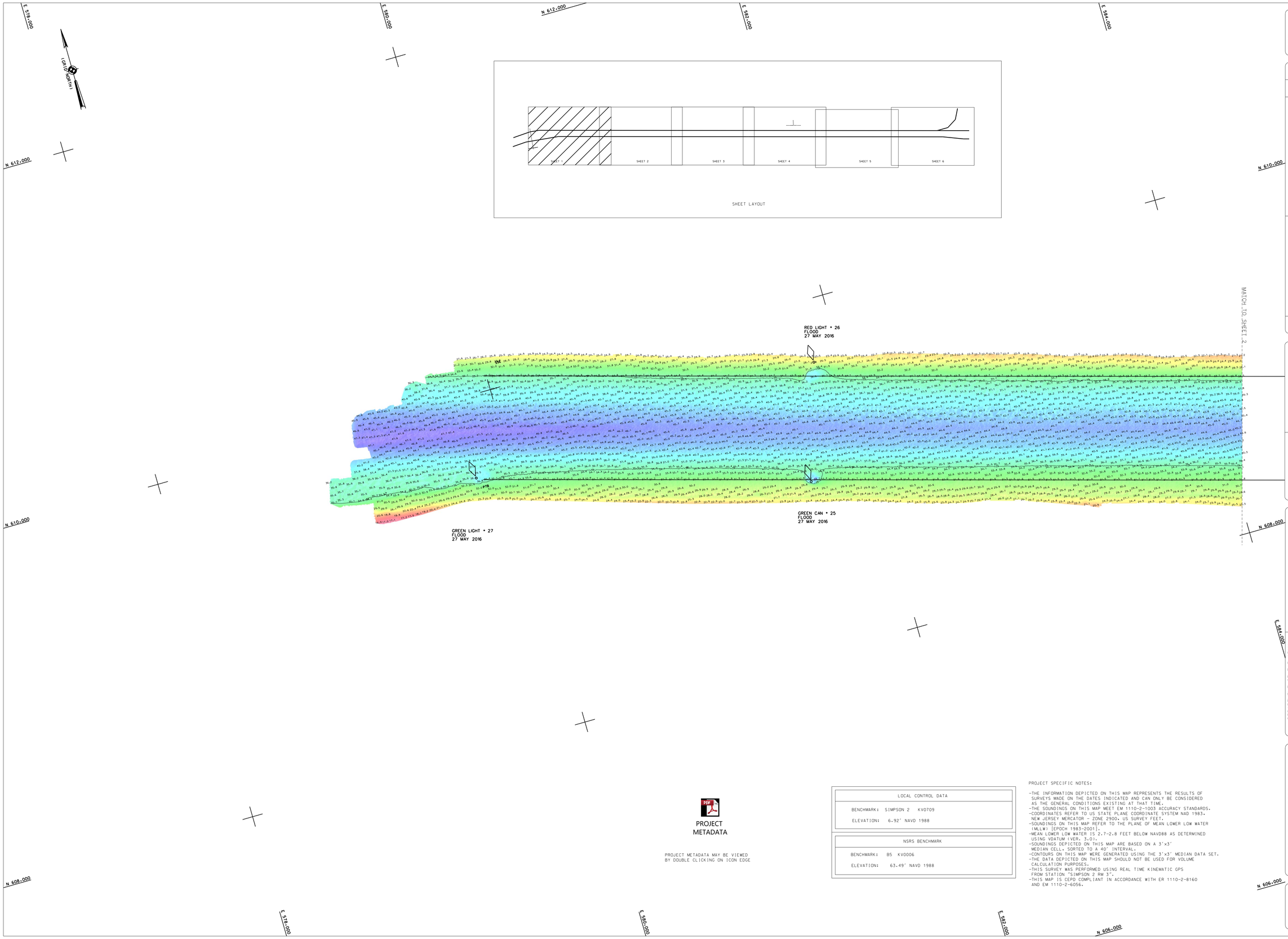

PROJECT METADATA

PROJECT METADATA MAY BE VIEWED BY DOUBLE CLICKING ON ICON EDGE

LOCAL CONTROL DATA	
BENCHMARK:	SIMPSON 2 KV0709
ELEVATION:	6.92' NAVD 1988

NSRS BENCHMARK	
BENCHMARK:	B5 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 SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- 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].
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- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "SIMPSON 2 RM 3".
- 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

		ESQ	PR
		PDC	MP

DATES OF SURVEY:
18,19,23,24,25,27 MAY 2016

FILE NO.: 1388
REQUEST NO.: 44780

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: D. SMITH — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ — SURVEY CHIEF OF SURVEY
DATE: 02 JUNE 2016

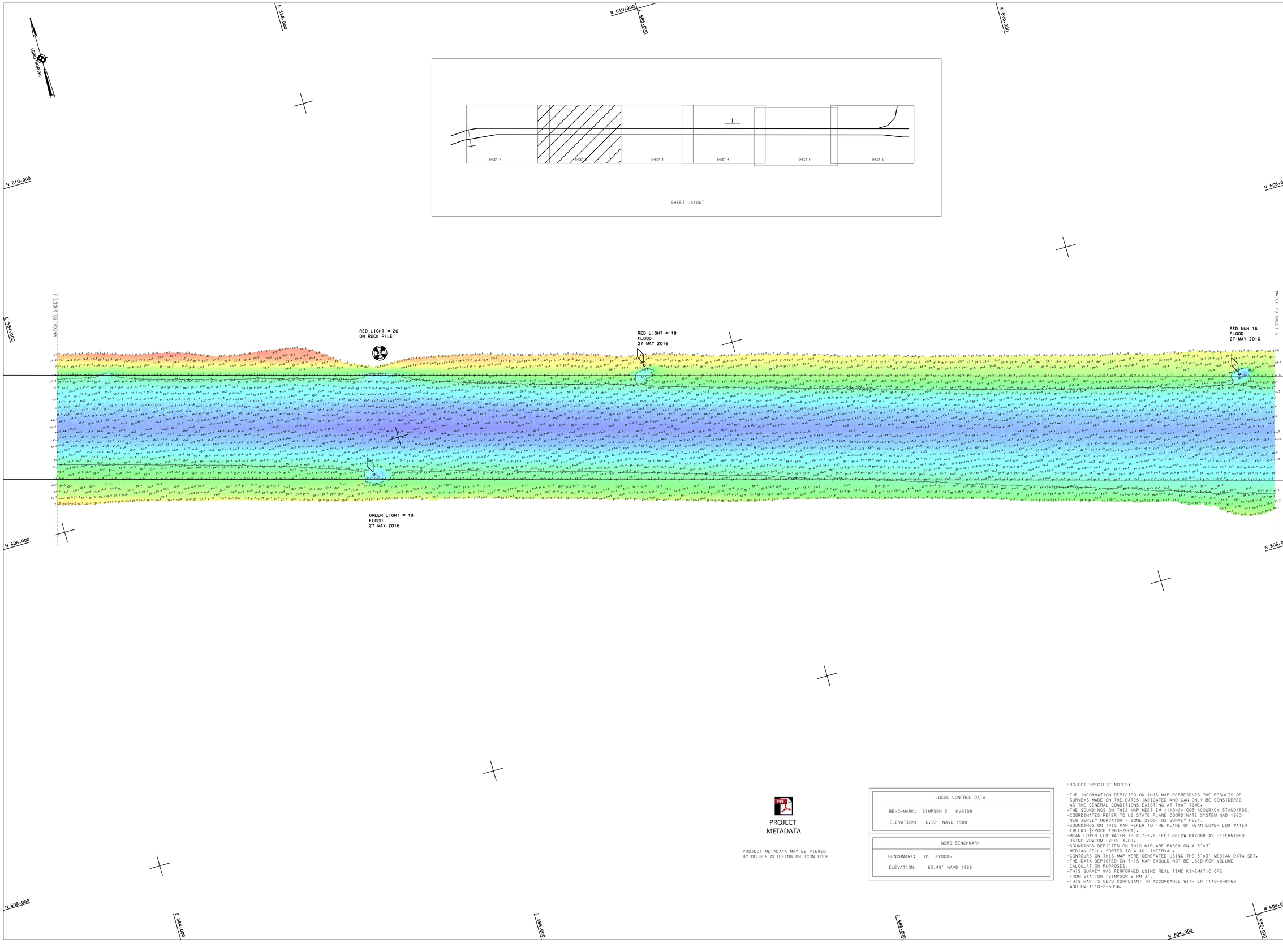
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH
CONDITION SURVEY

VH-101

SHEET 1 OF 6



PROJECT METADATA

PROJECT METADATA MAY BE VIEWED BY DOUBLE CLICKING ON ICON EDGE

LOCAL CONTROL DATA	
BENCHMARK:	SIMPSON 2 KV0709
ELEVATION:	6.92' NAVD 1988

NSRS BENCHMARK	
BENCHMARK:	B5 KV0006
ELEVATION:	63.49' NAVD 1988

PROJECT SPECIFIC NOTES:

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- 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

		ESQ	PR
		PDC	MP

DATES OF SURVEY: 18,19,21,24,25,27 MAY 2016

FILE NO.: 1388
REQUEST NO.: 44780

SCALE: ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: D. SMITH — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CADD CARTOGRAPHER
APPROVED: J. MRAZ — BRANCH CHIEF OF SURVEY
DATE: 02 JUNE 2016

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

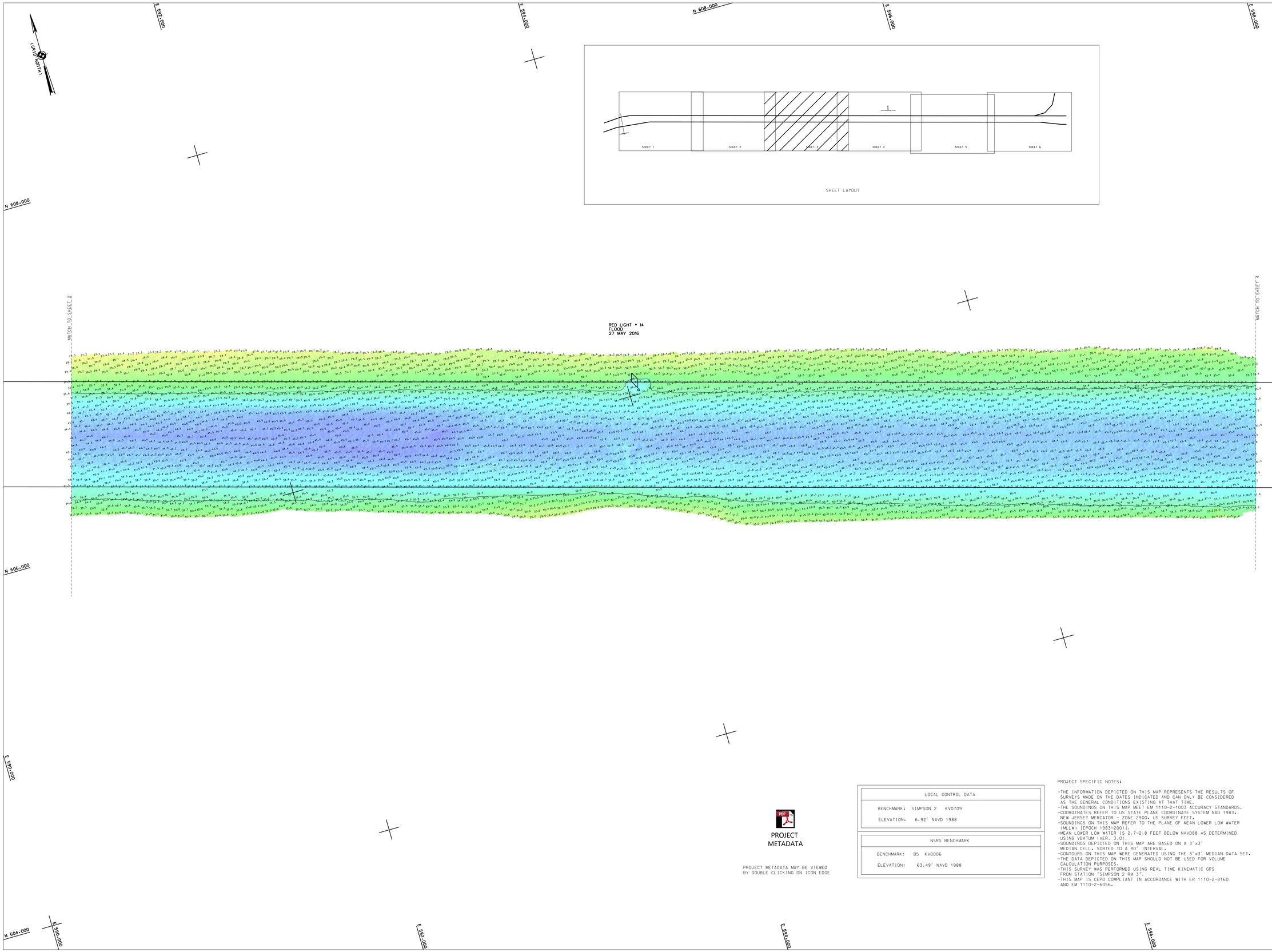
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH
CONDITION SURVEY

VH-102

SHEET 2 OF 6

FILE NO. 1388
REQ. NO. 44780



PROJECT METADATA

PROJECT METADATA MAY BE VIEWED BY DOUBLE CLICKING ON ICON EDGE

LOCAL CONTROL DATA	
BENCHMARK:	SIMPSON 2 KV0709
ELEVATION:	6.92' NAVD 1988

NSRS BENCHMARK	
BENCHMARK:	B5 KV0006
ELEVATION:	63.49' NAVD 1988

PROJECT SPECIFIC NOTES:

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- 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

ESG	PR		
PDC	MP		

DATES OF SURVEY: 18,19,23,24,25,27 MAY 2016

FILE NO.: 1388
REQUEST NO.: 44780

SCALE: ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: D. SMITH — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 02 JUNE 2016

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

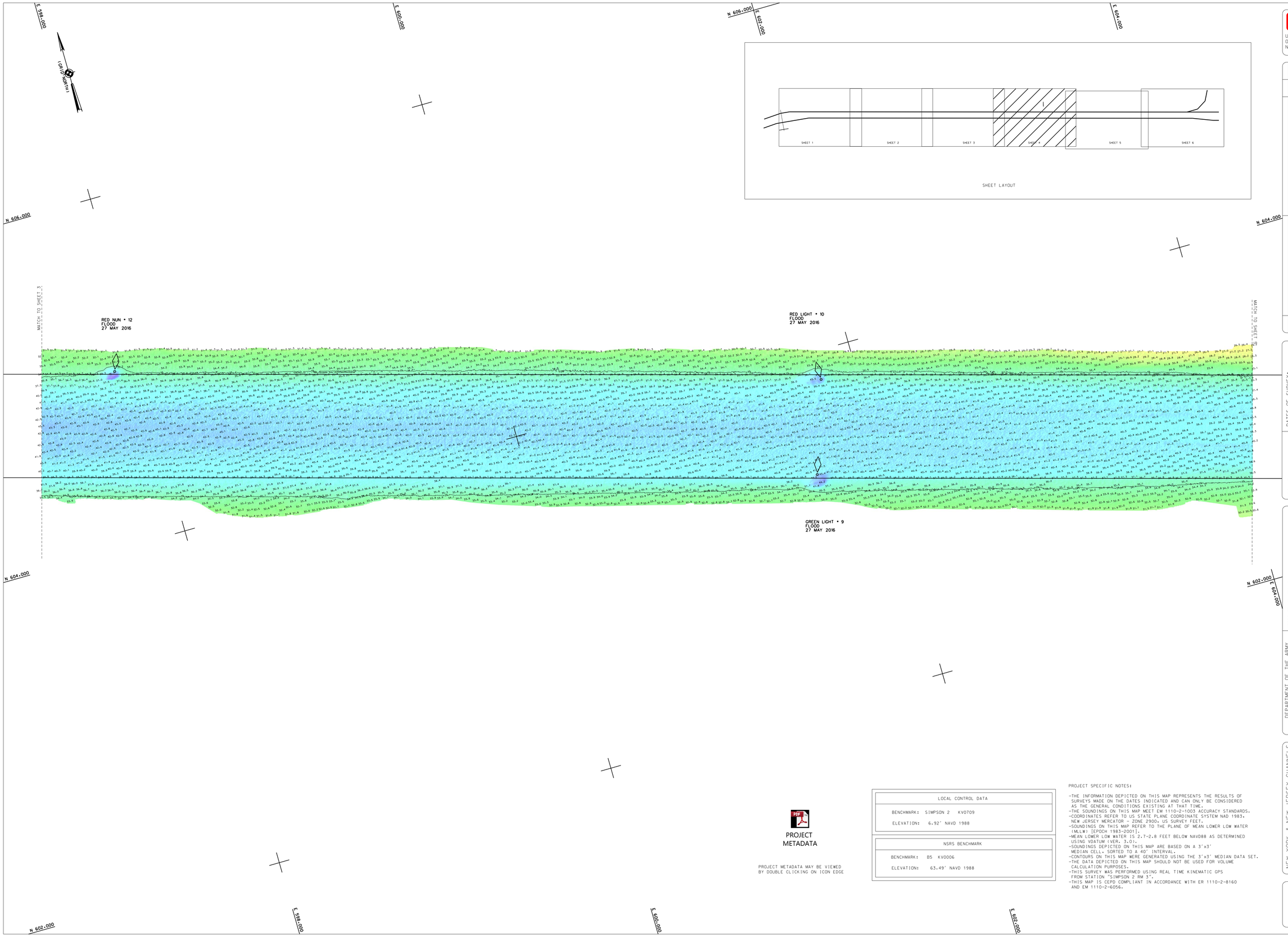
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH
CONDITION SURVEY

VH-103

SHEET 3 OF 6

FILE NO. 1388
REQ. NO. 44780



PROJECT METADATA

PROJECT METADATA MAY BE VIEWED BY DOUBLE CLICKING ON ICON EDGE

LOCAL CONTROL DATA	
BENCHMARK:	SIMPSON 2 KV0709
ELEVATION:	6.92' NAVD 1988

NSRS BENCHMARK	
BENCHMARK:	B5 KV0006
ELEVATION:	63.49' NAVD 1988

PROJECT SPECIFIC NOTES:

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- 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

ESQ	PR	
PDC	MP	

DATES OF SURVEY:
18-19,23-24,26-27 MAY 2016

FILE NO.: 1388
REQUEST NO.: 44780

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: D. SMITH — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ — DEPUTY CHIEF OF SURVEY
DATE: 02 JUNE 2016

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

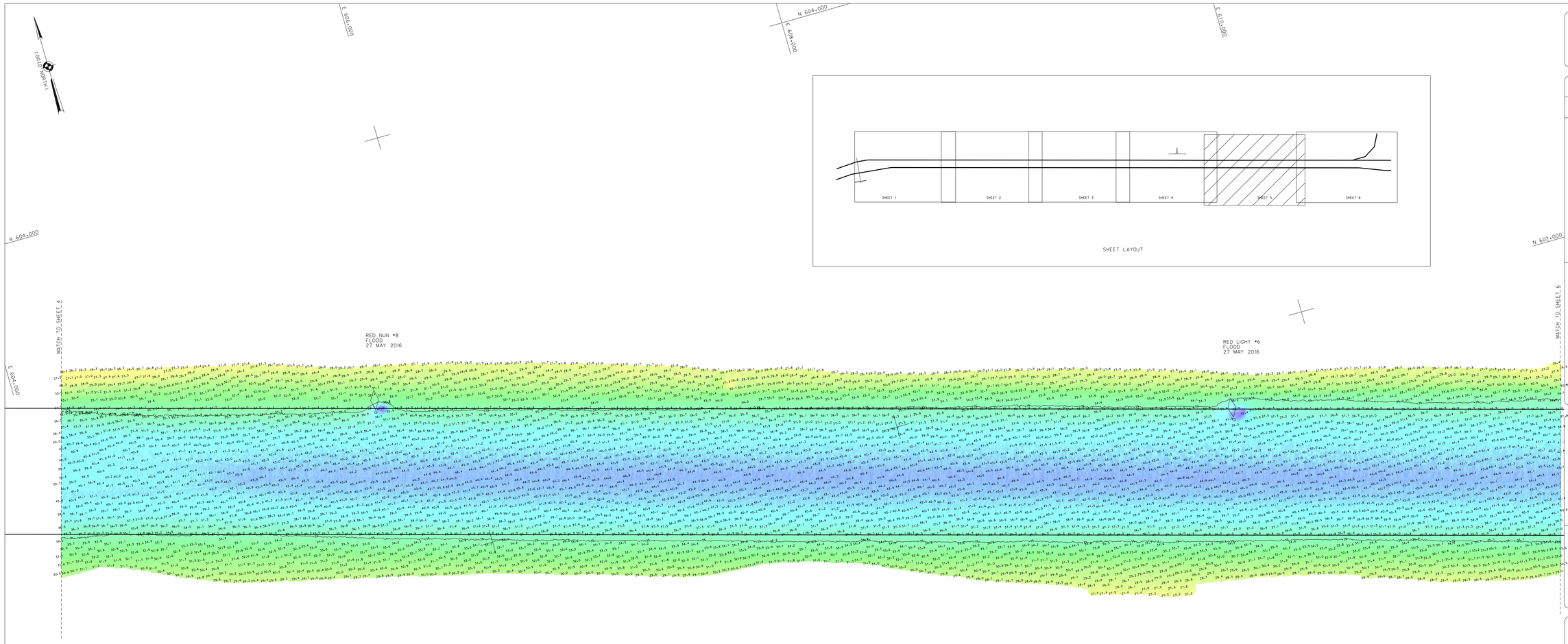
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH
CONDITION SURVEY

VH-104

SHEET 4 OF 6

FILE NO. 1388
REQ. NO. 4788D



SHEET LAYOUT

PROJECT METADATA

PROJECT METADATA MAY BE VIEWED BY DOUBLE CLICKING ON ICON EDGE

LOCAL CONTROL DATA	
BENCHMARK:	SIMPSON 2 KV0709
ELEVATION:	6.92' NAVD 1988

NSRS BENCHMARK	
BENCHMARK:	B5 KV0006
ELEVATION:	63.49' NAVD 1988

PROJECT SPECIFIC NOTES:

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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

	ESQ	PR
	PDC	MP

DATES OF SURVEY: 18,19,23,24,25,27 MAY 2016

FILE NO.: 1388
REQUEST NO.: 44780

SCALE: ONE INCH = 200 FEET

FIELD BOOKS:

APPROVED: D. SMITH — FIELD SUPERVISOR
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: D. CLARKE — LEAD SUPERVISOR
APPROVED: J. MRAZ — BRANCH CHIEF OF SURVEY
DATE: 02 JUNE 2016

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

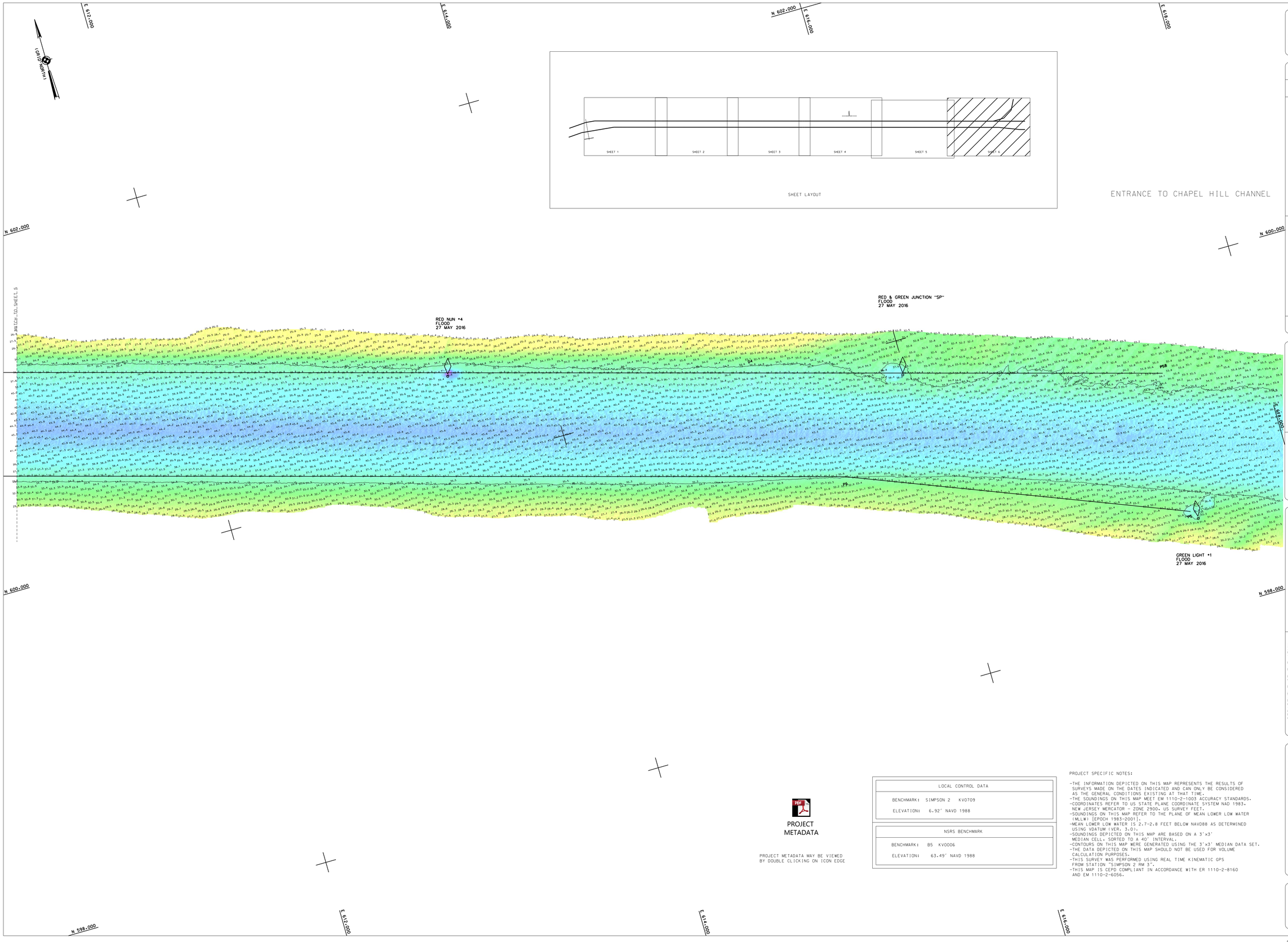
OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH
CONDITION SURVEY

VH-105

SHEET 5 OF 6

FILE NO. 1388
REQ. NO. 44780



PROJECT METADATA

PROJECT METADATA MAY BE VIEWED BY DOUBLE CLICKING ON ICON EDGE

LOCAL CONTROL DATA	
BENCHMARK:	SIMPSON 2 KV0709
ELEVATION:	6.92' NAVD 1988

NSRS BENCHMARK	
BENCHMARK:	B5 KV0006
ELEVATION:	63.49' NAVD 1988

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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

ESQ PR
PDC MP

DATES OF SURVEY:
18,19,23,24,25,27 MAY 2016

FILE NO.: 1388
REQUEST NO.: 44780

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:

FIELD CARTOGRAPHER: D. SMITH
APPROVED: D. SMITH
CIVIL ENGINEERING TECHNICIAN: M. FORTE
APPROVED: M. FORTE
LEAD CARTOGRAPHER: D. CLARKE
APPROVED: D. CLARKE
DEPUTY CHIEF OF SURVEY: J. MRAZ
APPROVED: J. MRAZ
DATE: 02 JUNE 2016

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

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY EAST REACH
CONDITION SURVEY

VH-106

SHEET 6 OF 6

FILE NO. 1388
REQ. NO. 44780