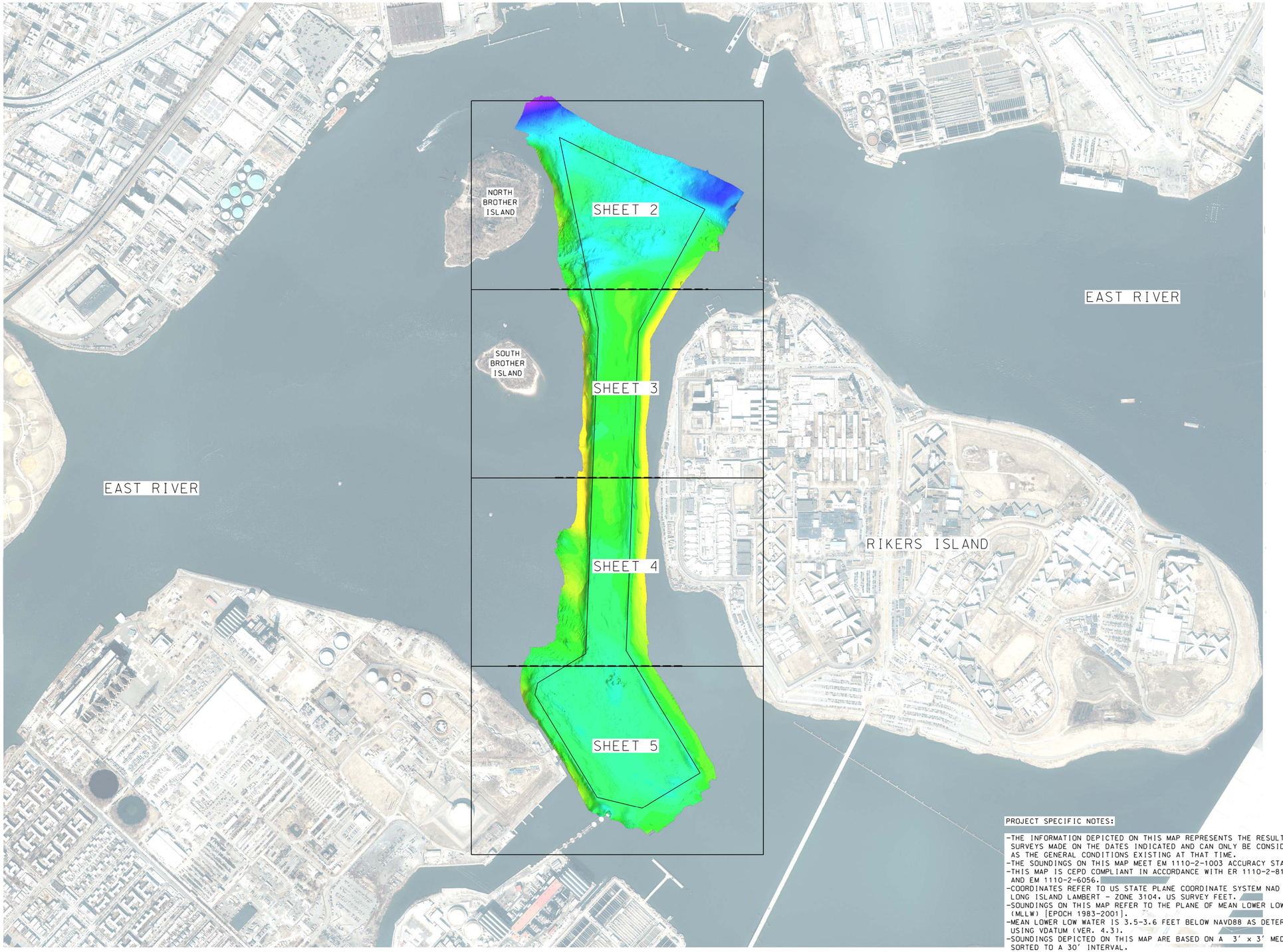

(SPCS)

0 500' 1000'

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: TIDAL 2 STA II 5 (PID: KU1111)	BENCHMARK: TIDAL 4 STA II 5 (PID: KU1109)
ELEVATION: 10.35' (NAVD 1988)	ELEVATION: 8.37' (NAVD 1988)

PROJECT SPECIFIC NOTES:

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- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
- COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983. LONG ISLAND LAMBERT - ZONE 3104. US SURVEY FEET.
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- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "HANSEN".

US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CM,JHS
VP	JHS

DATES OF SURVEY:
12 JANUARY 2023

REQ. NO./FILE NO.: 5262/N1

SCALE:
ONE INCH = 500 FEET

FIELD BOOKS:
10, 1053

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
APPROVED: M. FORTE, CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR, LEAD CARTOGRAPHER
APPROVED: J. MERAZ, ACTING CHIEF OF SURVEY
DATE: 24 JANUARY 2023

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

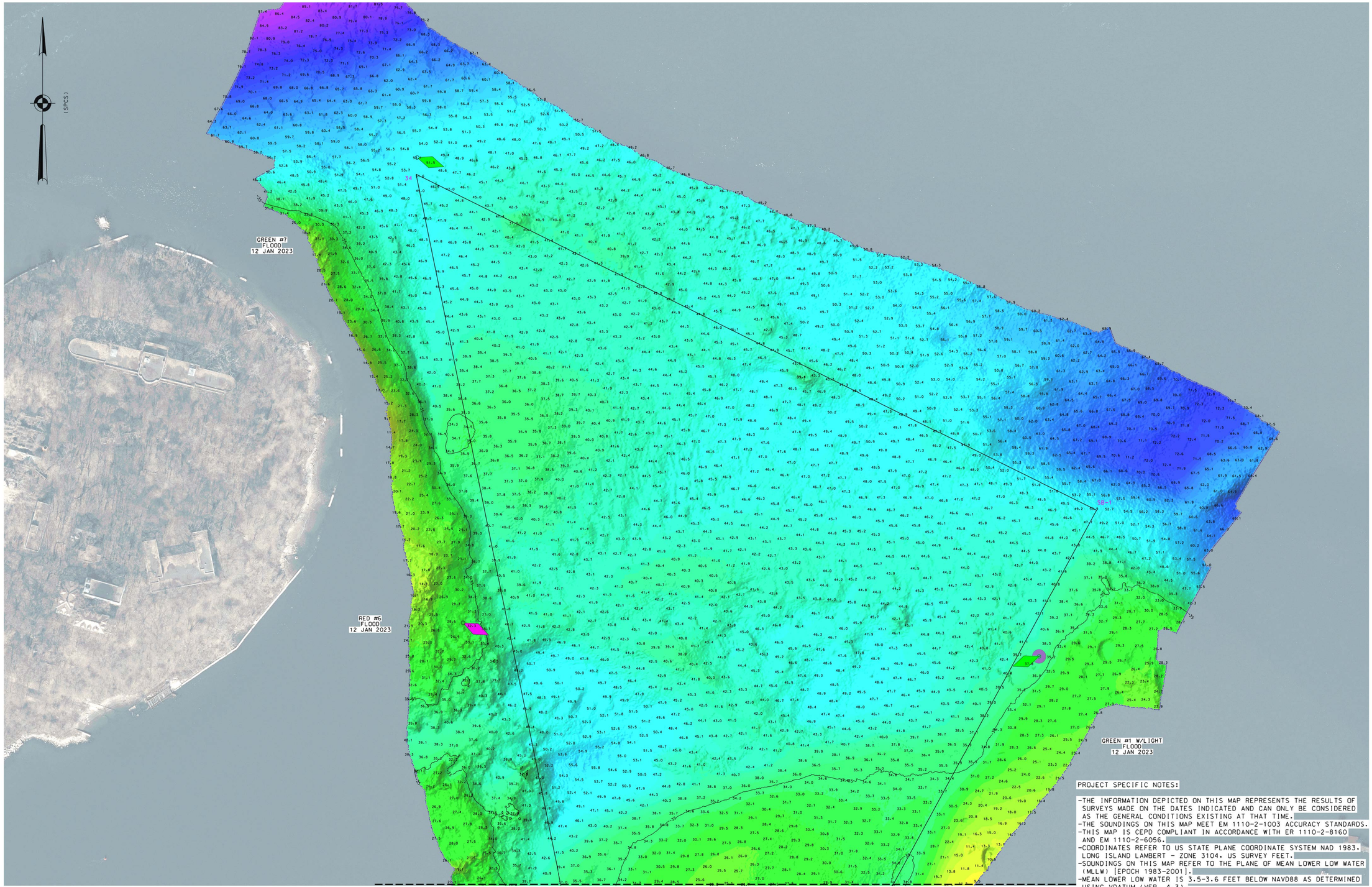
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

EAST RIVER
SOUTH BROTHER ISLAND CHANNEL

PLANS AND SPECS SURVEY

VH-101

1 OF 5



0 100' 200'

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LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: TIDAL 2 STA II 5 (PID: KU1111)	BENCHMARK: TIDAL 4 STA II 5 (PID: KU1109)
ELEVATION: 10.35' (NAVD 1988)	ELEVATION: 8.37' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	CM,JHS	
MP	JHS	

DATES OF SURVEY:
12 JANUARY 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
10,1053

REQ. NO./FILE NO.: 5262/N1

APPROVED: J. MCKELVEY — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — LEAD CARTOGRAPHER
APPROVED: J. MIRAZ — DEPUTY CHIEF OF SURVEY
DATE: 24 JANUARY 2023

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

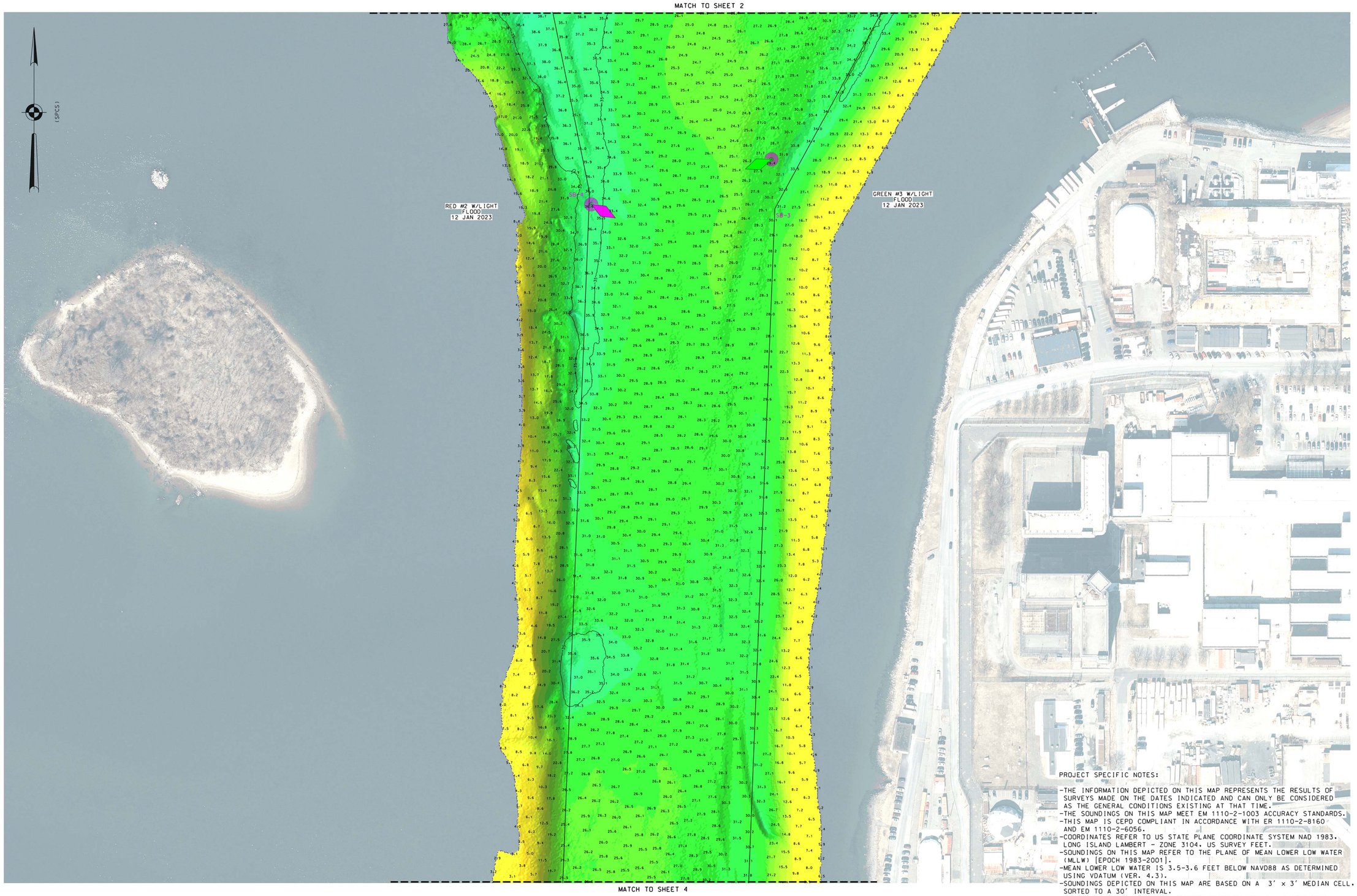
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

EAST RIVER
SOUTH BROTHER ISLAND CHANNEL

PLANS AND SPECS SURVEY

VH-102

2 OF 5



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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	CM,JHS
MP	JHS

DATES OF SURVEY: 12 JANUARY 2023

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 10:1053

REQ. NO./FILE NO.: 5262/N1

APPROVED:	J. MCKELVEY	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	LEAD CARTOGRAPHER
APPROVED:	J. MIRAZ	DEPUTY CHIEF OF SURVEY
DATE:	24 JANUARY 2023	

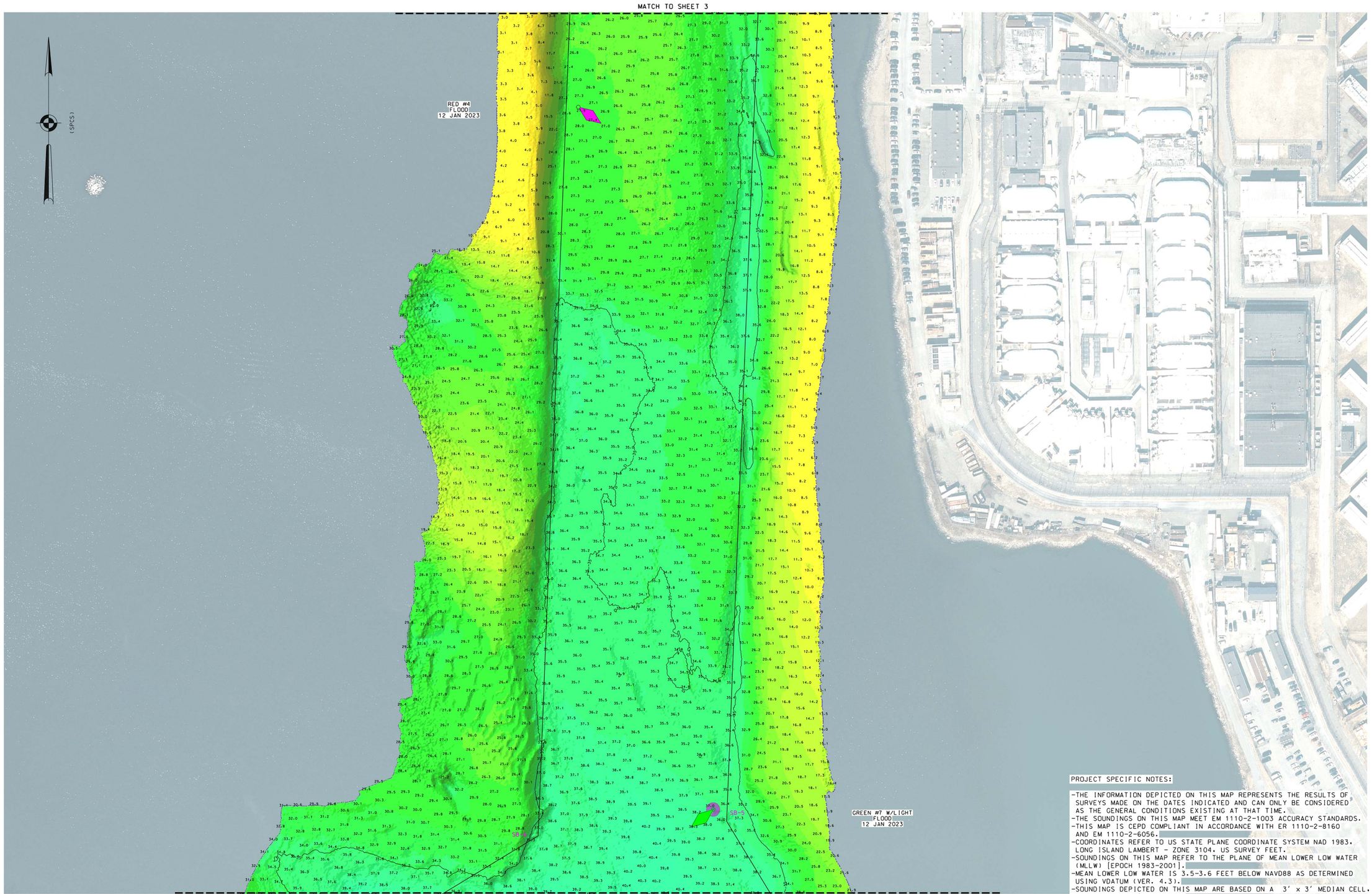
DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

EAST RIVER
SOUTH BROTHER ISLAND CHANNEL
PLANS AND SPECS SURVEY

VH-103

3 OF 5



0 100' 200'

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

PR	CM,JHS	
WP	JHS	

DATES OF SURVEY:
12 JANUARY 2023

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
10:1053

REQ. NO./FILE NO.: 5262/N1

APPROVED: J. MCKELVEY — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — LEAD CARTOGRAPHER
APPROVED: J. MIRAZ — DEPUTY CHIEF OF SURVEY
DATE: 24 JANUARY 2023

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT
NEW YORK, NEW YORK 10278

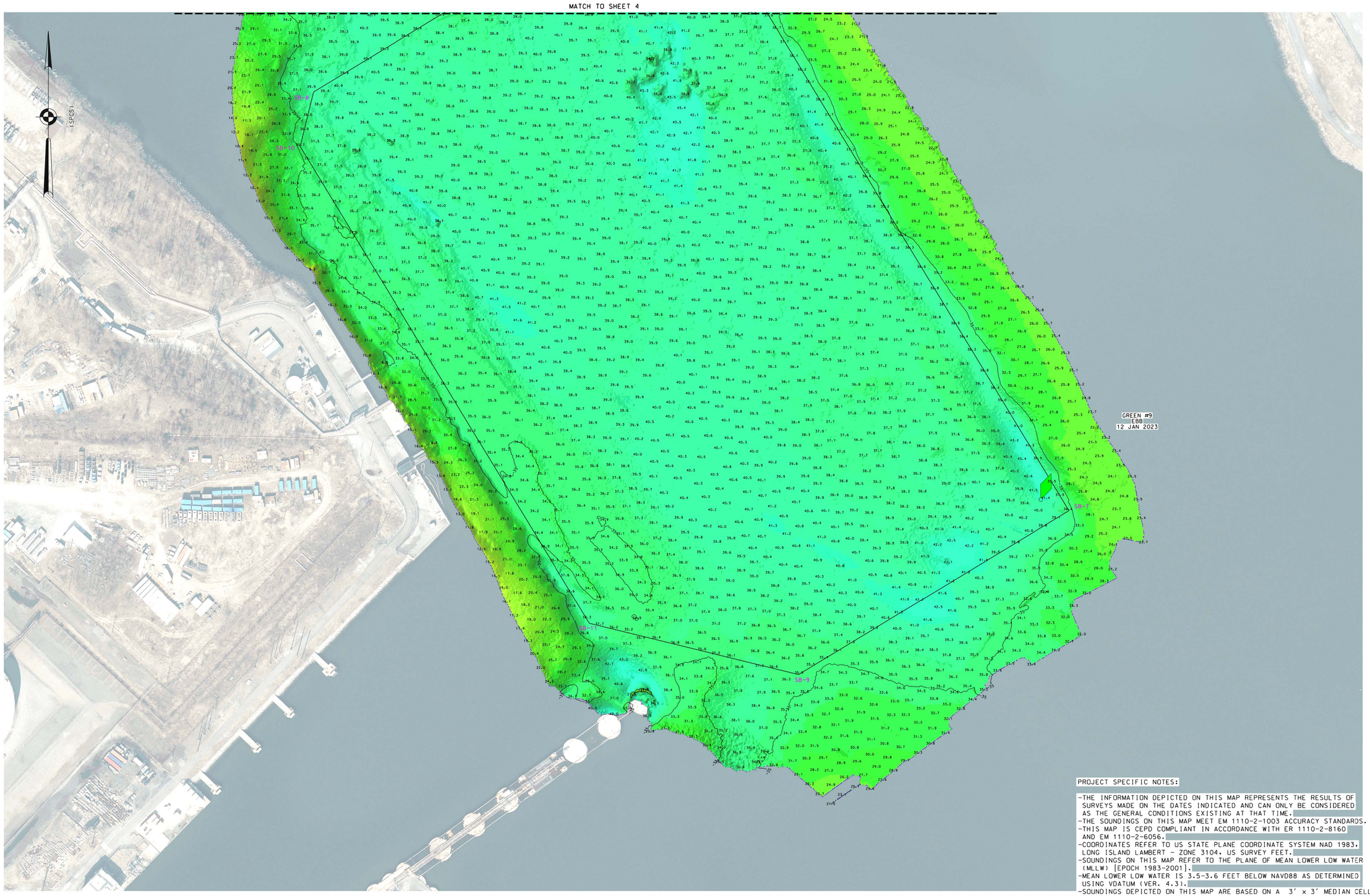
OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-S

EAST RIVER
SOUTH BROTHER ISLAND CHANNEL

PLANS AND SPECS SURVEY

VH-104

MATCH TO SHEET 4



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US ARMY CORPS OF ENGINEERS NEW YORK DISTRICT

PR	CM,JHS
MP	JHS

DATES OF SURVEY: 12 JANUARY 2023

REQ. NO./FILE NO.: 5262/N1

SCALE: ONE INCH = 100 FEET

FIELD BOOKS: 10.1053

APPROVED: J. MCKELVEY, FIELD CARTOGRAPHER
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CENAN-OP-S

EAST RIVER
SOUTH BROTHER ISLAND CHANNEL

PLANS AND SPECS SURVEY

VH-105

5 OF 5