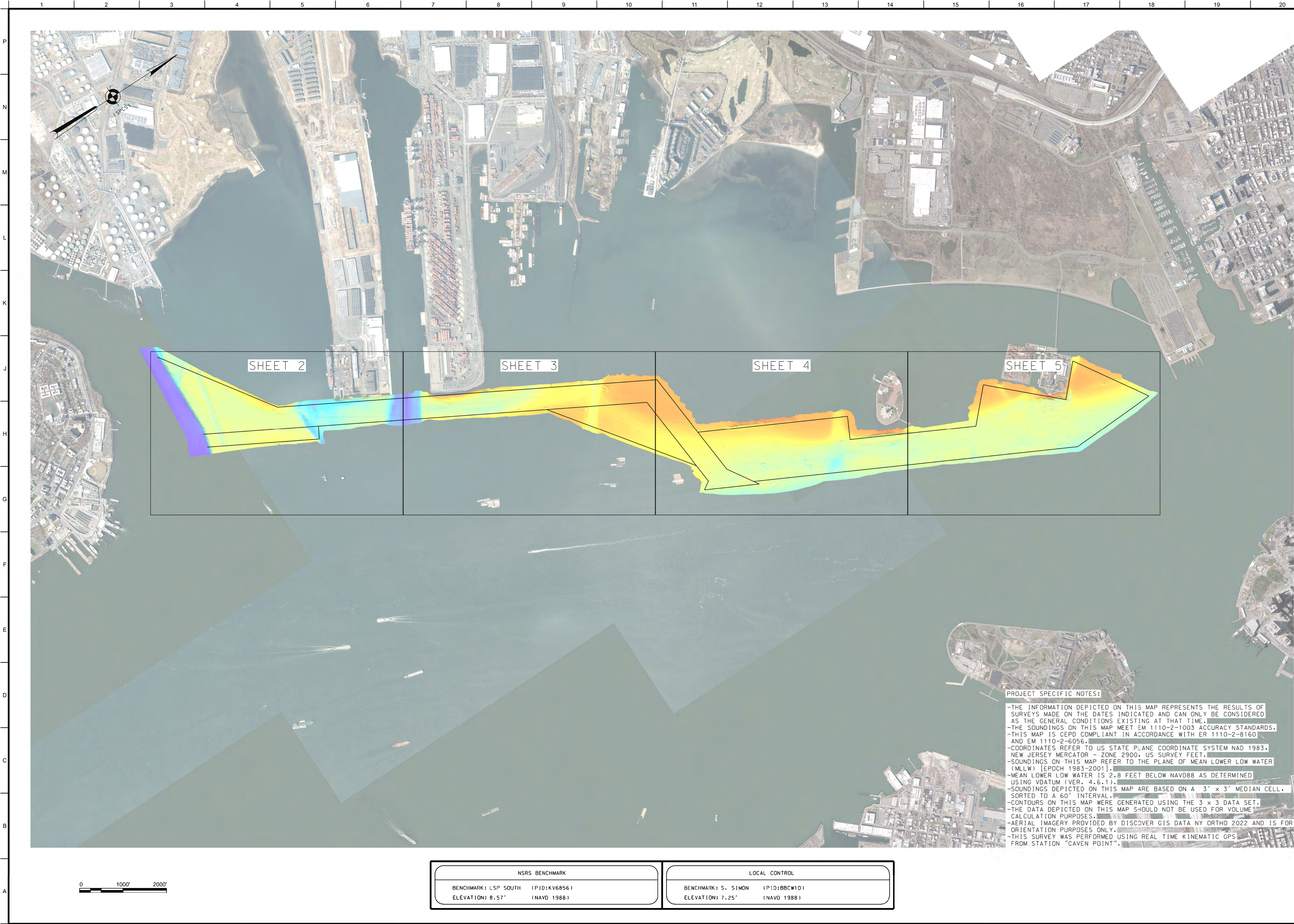






U.S. ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR

EG,RR,CWF

CWF

DATES OF SURVEY:
04-07, 19-21, 25
NOVEMBER 2024

SCALE:
ONE INCH = 1000 FEET
FIELD BOOKS:
1064

REQ. NO./FILE NO.: 5502/D/AL/N2

DATE: 02 DECEMBER 2024

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-SS

APPROVED: P. KEARNS
FIELD CARTOGRAPHER

APPROVED: M. FORTE
ENGINEERING TECHNICIAN

APPROVED: P. BALOGH
CHIEF OF SURVEY SUPPORT SECTION

APPROVED: J. MRAZ
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE: 02 DECEMBER 2024

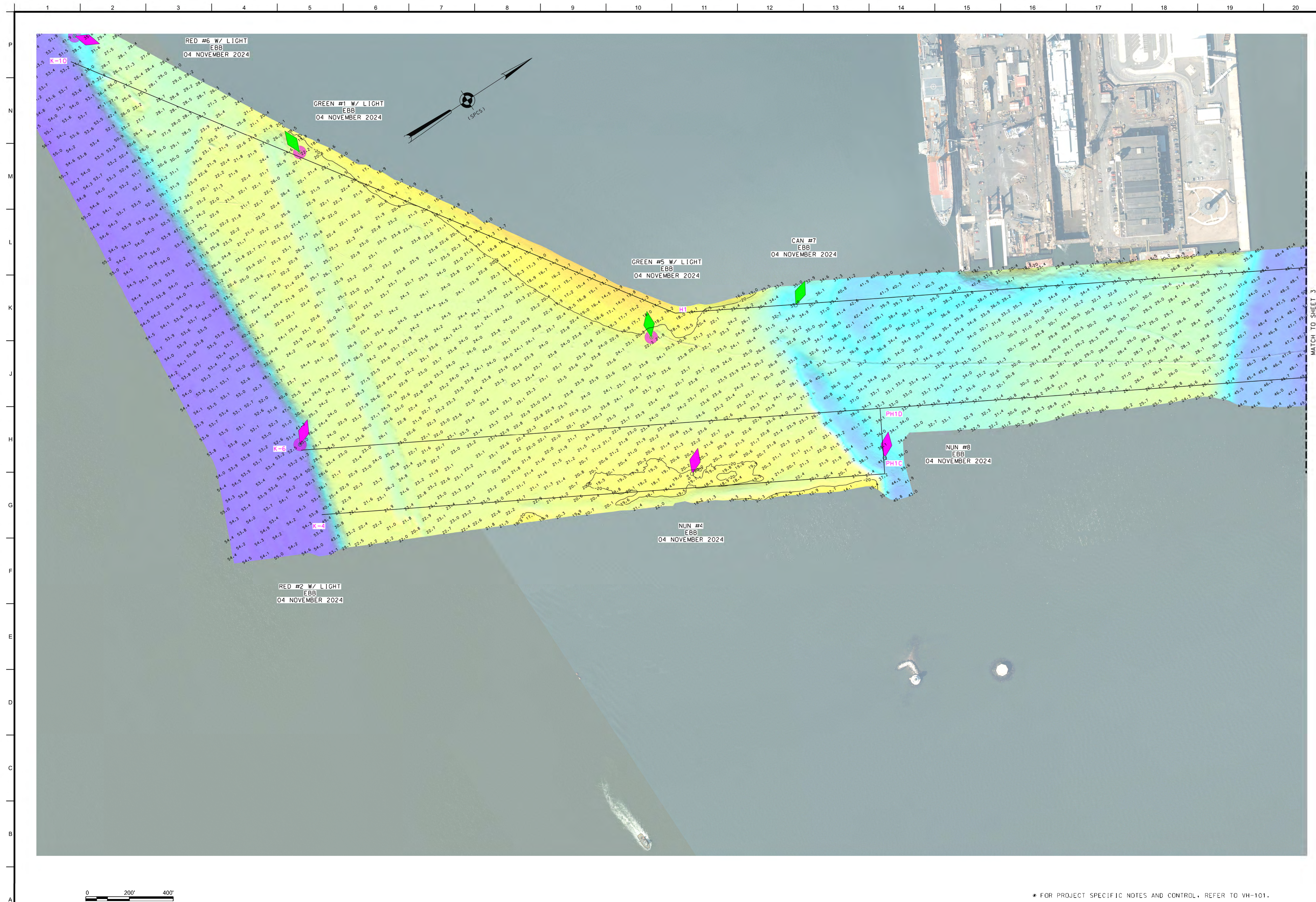
NEW YORK HARBOR
CHANNEL ALONG NEW JERSEY PIERHEAD LINE
CONDITION SURVEY

VH-101
1 OF 5

NSRS BENCHMARK		LOCAL CONTROL	
BENCHMARK: LSP SOUTH	(PID:KV6856)	BENCHMARK: S. SIMON	(PID:BBCW10)
ELEVATION: 8.57'	(NAVD 1988)	ELEVATION: 7.25'	(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.
- 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, 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 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.6.1).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 60" INTERVAL.
- CONTOURS ON THIS MAP WERE GENERATED USING THE 3 x 3 DATA SET.
- THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
- AERIAL IMAGERY PROVIDED BY DISCOVER GIS DATA NY ORTHO 2022 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT".

[illegible]

REG. NO./FILE NO. : 5502/D/AL/N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1064 _____

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	
APPROVED:	P. BHADUR	
APPROVED:	J. MRAZ	
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH		CHIEF OF SURVEY SUPPORT SECTION
DATE: 02 DECEMBER 2024		

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-SS

NEW YORK HARBOR
CHANNEL ALONG NEW JERSEY PIERHEAD LINE
CONDITION SURVEY

VH-102

2 OF 5





US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR

EG-RR-CWF

CWF

DATES OF SURVEY:
04-07, 19-21, 25
NOVEMBER 2024

REQ. NO./FILE NO.: 5502/D/AL/N2

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1064

APPROVED: P. KEARNS
APPROVED: M. FORTE
APPROVED: P. BALOGH
APPROVED: J. MRJAZ

FIELD CARTOGRAPHER
ENGINEERING TECHNICIAN
CHIEF OF SURVEY SUPPORT SECTION
DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH

DATE:
02 DECEMBER 2024

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-SS

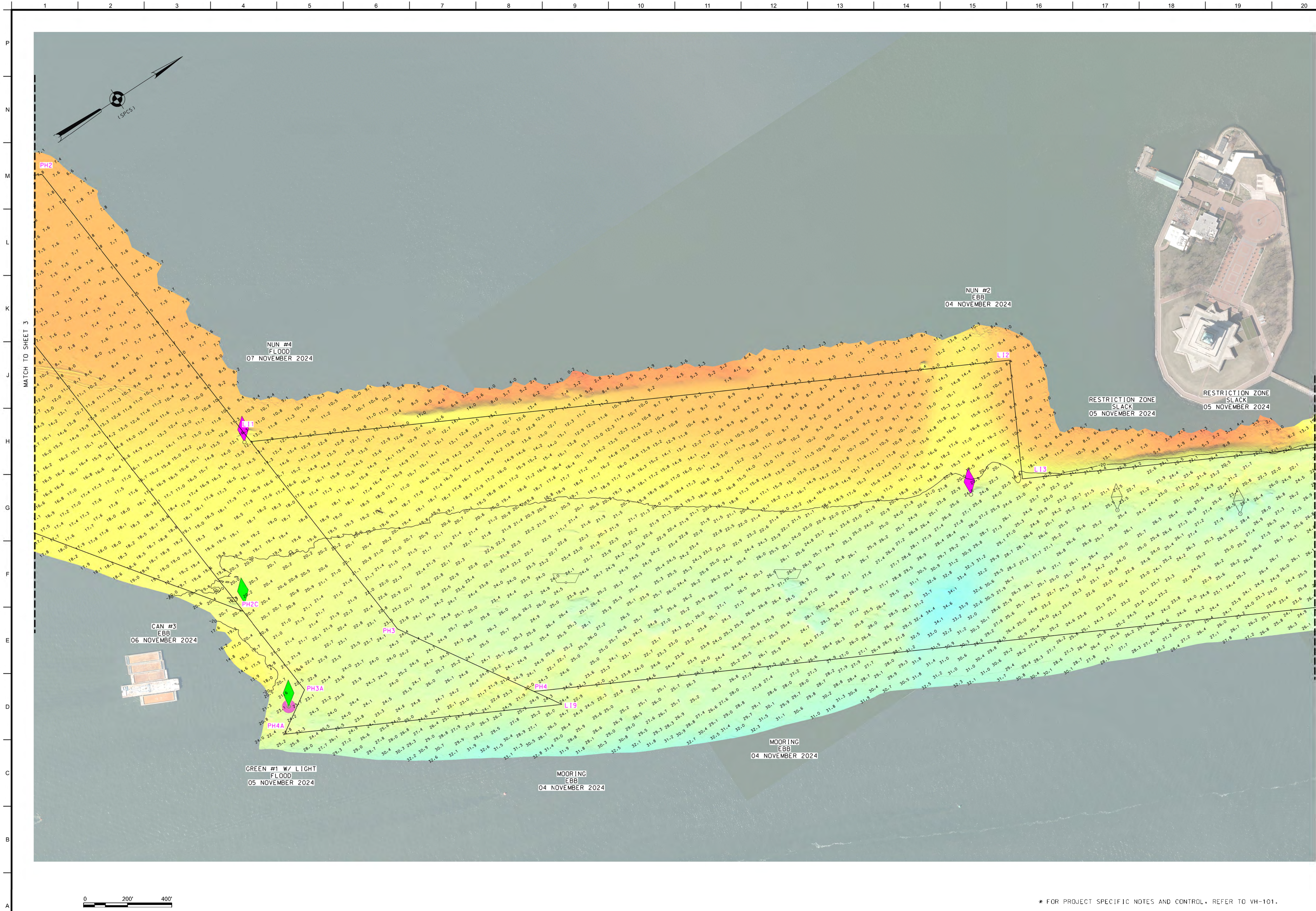
NEW YORK HARBOR
CHANNEL ALONG NEW JERSEY PIERHEAD LINE

CONDITION SURVEY

VH-103

3 OF 5

* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.





U.S. ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	EG-RR-CWF	CWF
MP		

DATES OF SURVEY:
04-07-19-21-25
NOVEMBER 2024

SCALE:
ONE INCH = 200 FEET

FIELD BOOKS:
1064

REQ. NO./FILE NO.: 5502/D/AL/02

APPROVED: P. KEARNS
APPROVED: M. FORTE
APPROVED: P. BIALOJUS
APPROVED: J.L. MRAZ

FIELD CARTOGRAPHER
ENGINEERING TECHNICIAN
CHIEF OF SURVEY SUPPORT SECTION
DEPUTY CHIEF OF SURVEY AND MAPPING BRANCH

DATE: 02 DECEMBER 2024

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

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CCNAN-OP-SS

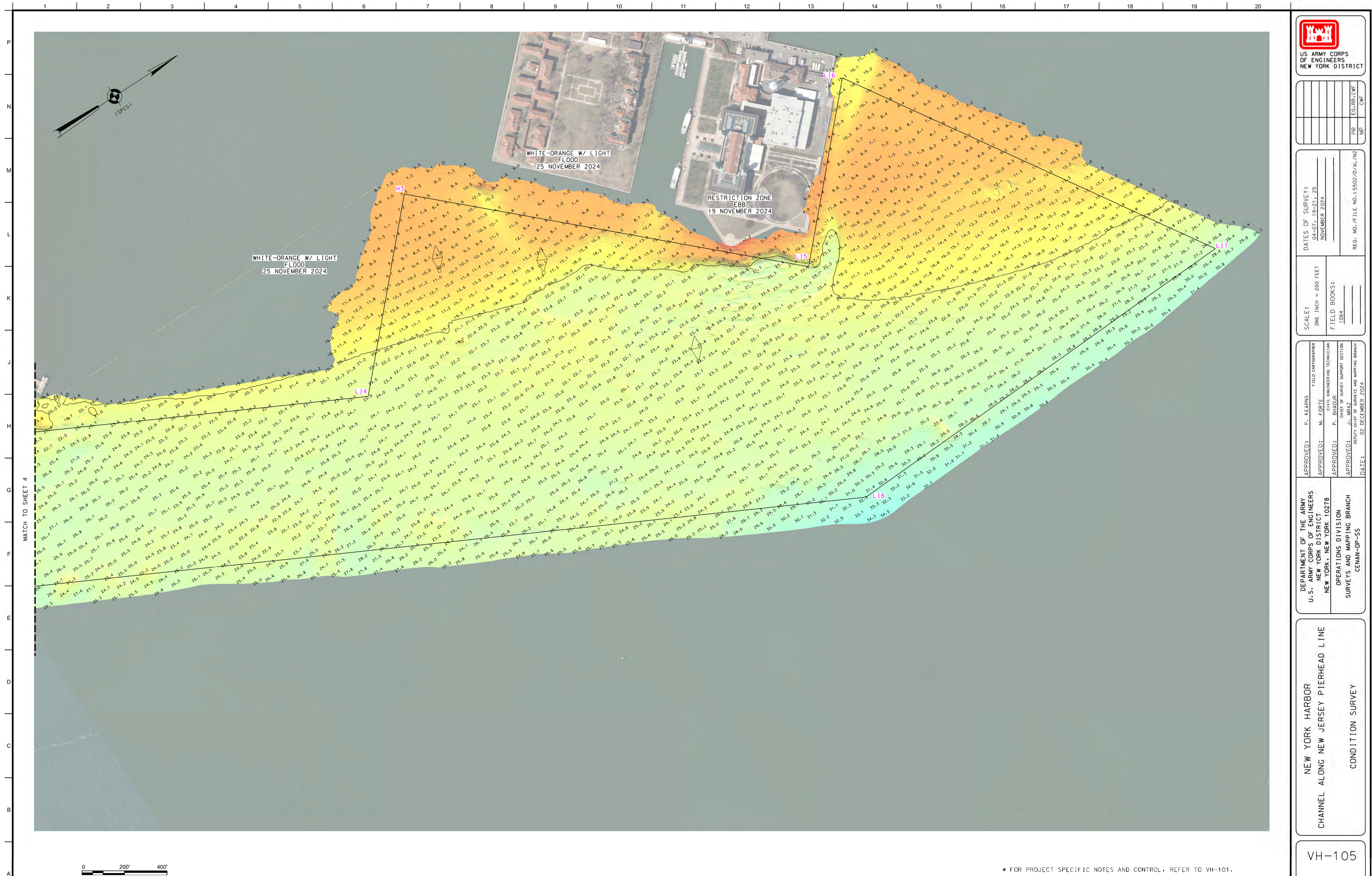
NEW YORK HARBOR
CHANNEL ALONG NEW JERSEY PIERHEAD LINE

CONDITION SURVEY

VH-104

4 OF 5

* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.



US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

[illegible]

DATES OF SURVEY:
04-07, 19-21, 25

NOVEMBER 2024

REQ. NO./FILE NO.: 5502/D/AL/N2

SCALE:

ONE INCH = 200 FEET

FIELD BOOKS: 1064

APPROVED: P. KEARNS

APPROVED: M. FORTE

APPROVED: P. BHADUR
CIVIL ENGINEERING TECHNICIAN

APPROVED: J. MRAZ
CHIEF OF SURVEY SUPPORT SECTION

DATE: 02 DECEMBER 2024

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

NEW YORK, NEW YORK 10278
OPERATIONS DIVISION

SURVEYS AND MAPPING BRANCH

CENAN-OP-SS

NEW YORK HARBOR
CHANNEL ALONG NEW JERSEY PIERHEAD LINE

CONDITION SURVEY

VH-105

5 OF 5

* FOR PROJECT SPECIFIC NOTES AND CONTROL, REFER TO VH-101.