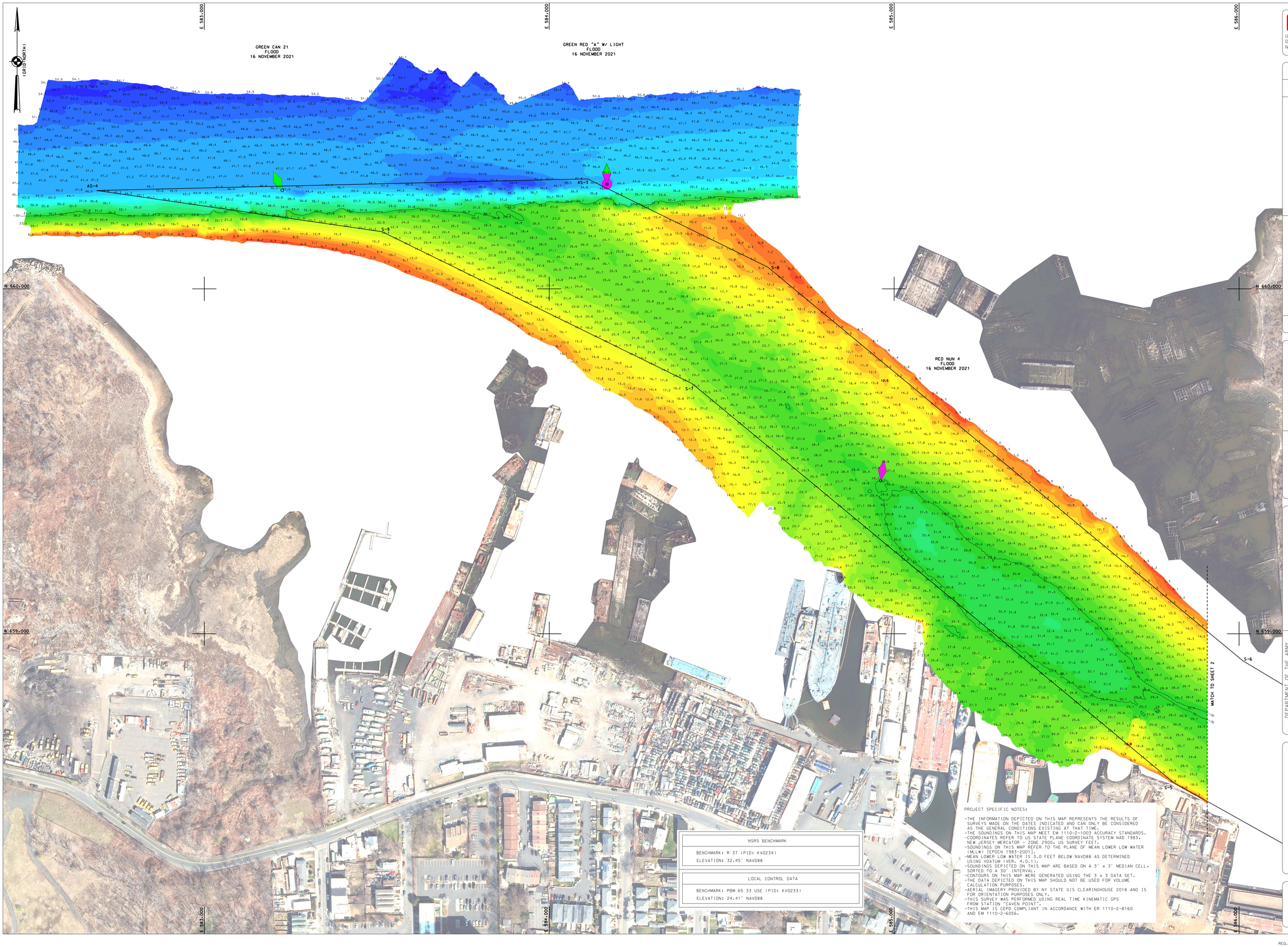


NSRS BENCHMARK
BENCHMARK: R 37 (PID: KV0234)
ELEVATION: 32.45' NAVD88

LOCAL CONTROL DATA
BENCHMARK: PBM 65 33 USE (PID: KV0233)
ELEVATION: 24.41' NAVD88

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].
- MEAN LOWER LOW WATER IS 3.0 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.0.1).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL. SORTED TO A 30' 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 NY STATE GIS CLEARINGHOUSE 2018 AND IS FOR ORIENTATION PURPOSES ONLY.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT".
- 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

PR	JHS	
MP	JHS	

DATES OF SURVEY:
16 - 17 NOVEMBER 2021

REQ. NO./FILE NO.: 5120/N3/N4

SCALE:
ONE INCH = 100 FEET

FIELD BOOKS:
0NA10

APPROVED: J. J. MCKELVEY — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: P. BHADUR — CHIEF CARTOGRAPHER
APPROVED: J. MRAZ — SENIOR PICKS OF SURVEY
DATE: 22 NOVEMBER 2021

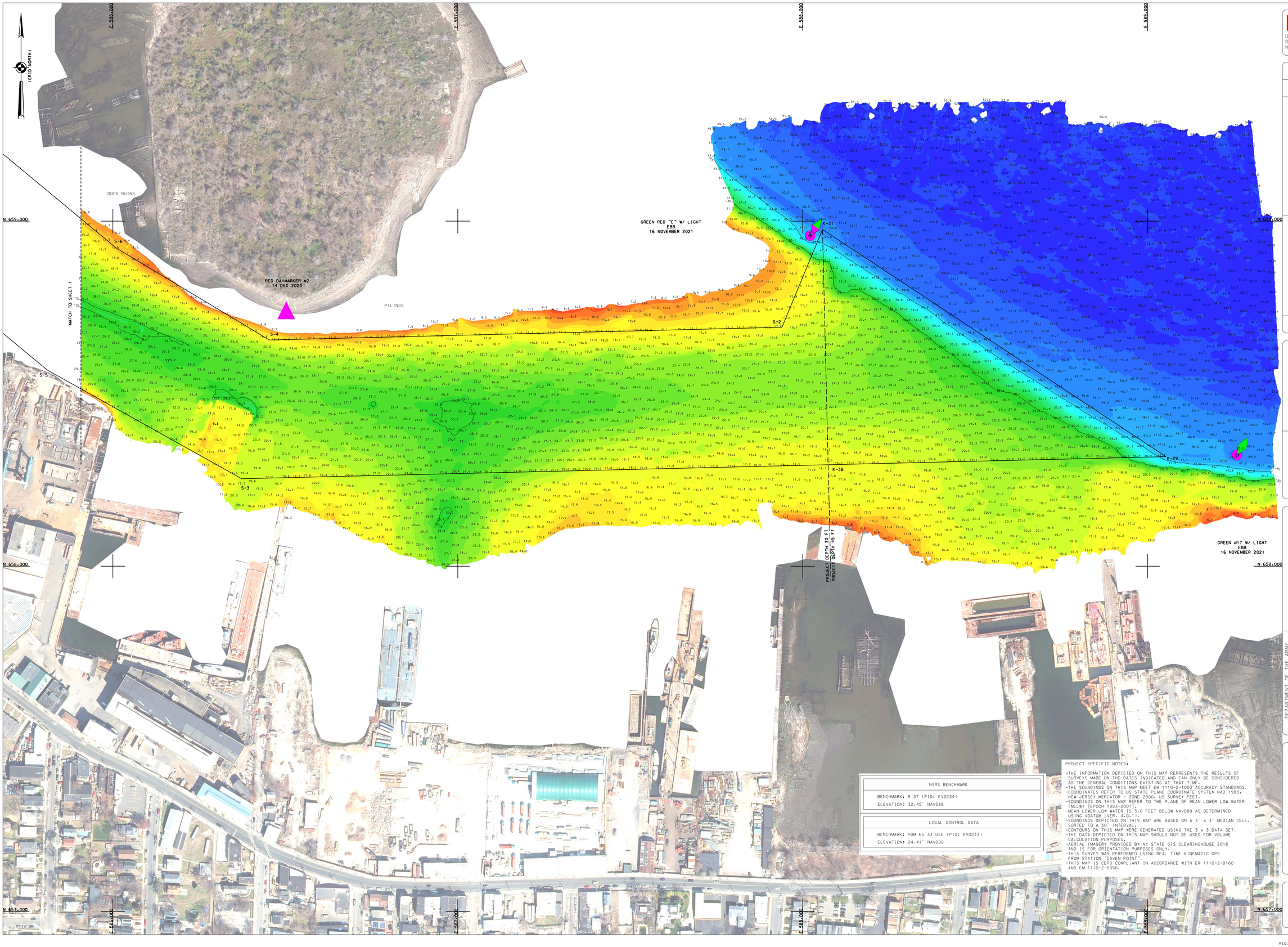
DEPARTMENT OF THE ARMY
NEW YORK DISTRICT
CORPS OF ENGINEERS
NEW YORK, NEW YORK 10278

OPERATIONS DIVISION
SURVEY SECTION
CENAN-OP-S

NEW YORK/NEW JERSEY CHANNELS
CHANNEL SOUTH OF SHOOTERS ISLAND
CONDITION SURVEY

VH-101

SHEET 1 OF 2



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US ARMY CORPS OF ENGINEERS
NEW YORK DISTRICT

PR	JHS	
MP	JHS	

DATES OF SURVEY:
16 - 17 NOVEMBER 2021

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SCALE:
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FIELD BOOKS:
0NA10

APPROVED: J. MCKELVEY — FIELD CARTOGRAPHER
APPROVED: M. FORTE — CIVIL ENGINEERING TECHNICIAN
APPROVED: F. BHAIDUR — CHIEF CARTOGRAPHER
APPROVED: J. MIRAZ — DEPUTY CHIEF OF SURVEY
DATE: 22 NOVEMBER 2021

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CONDITION SURVEY

VH-102

SHEET 2 OF 2