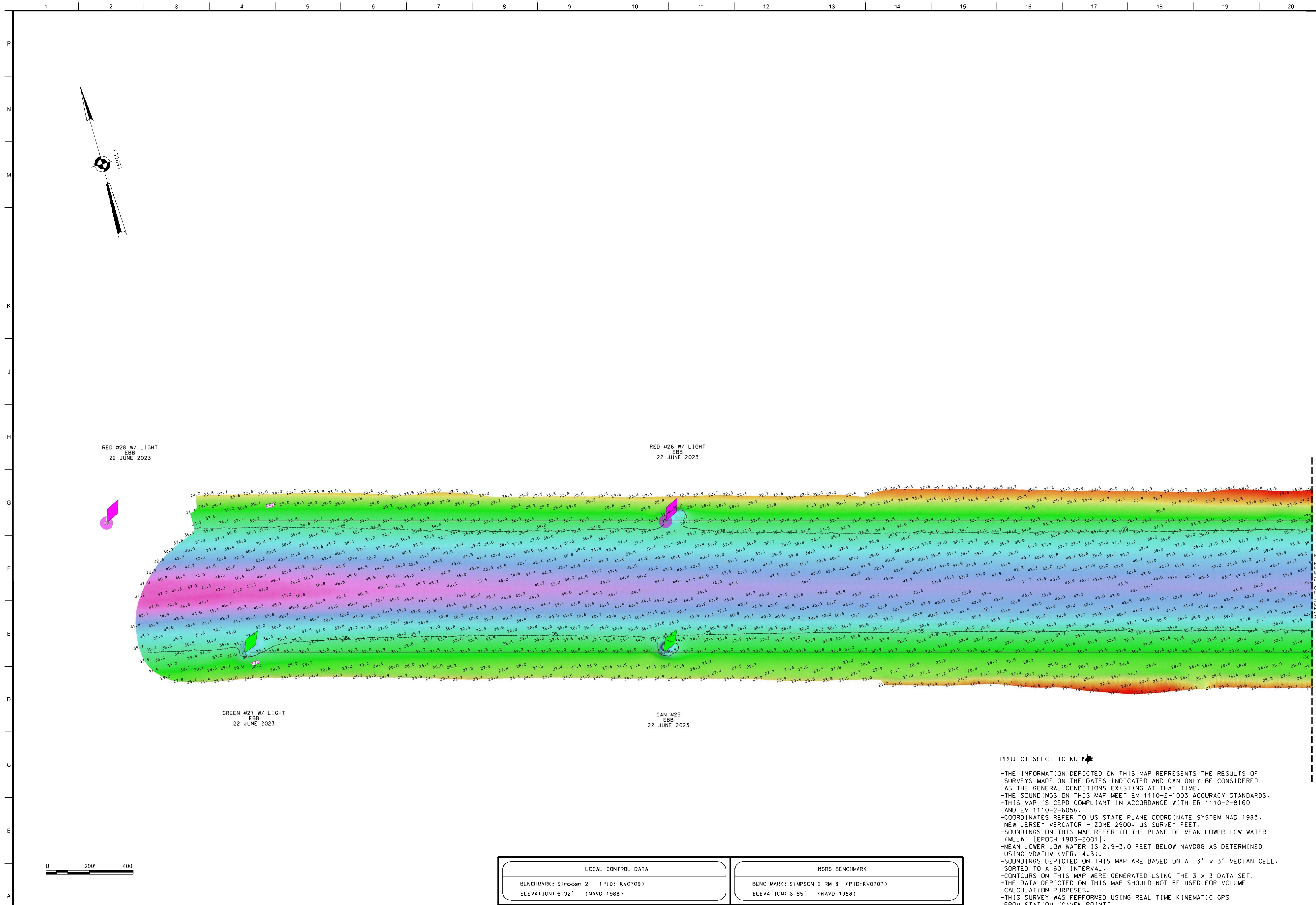
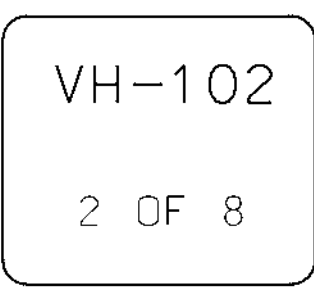
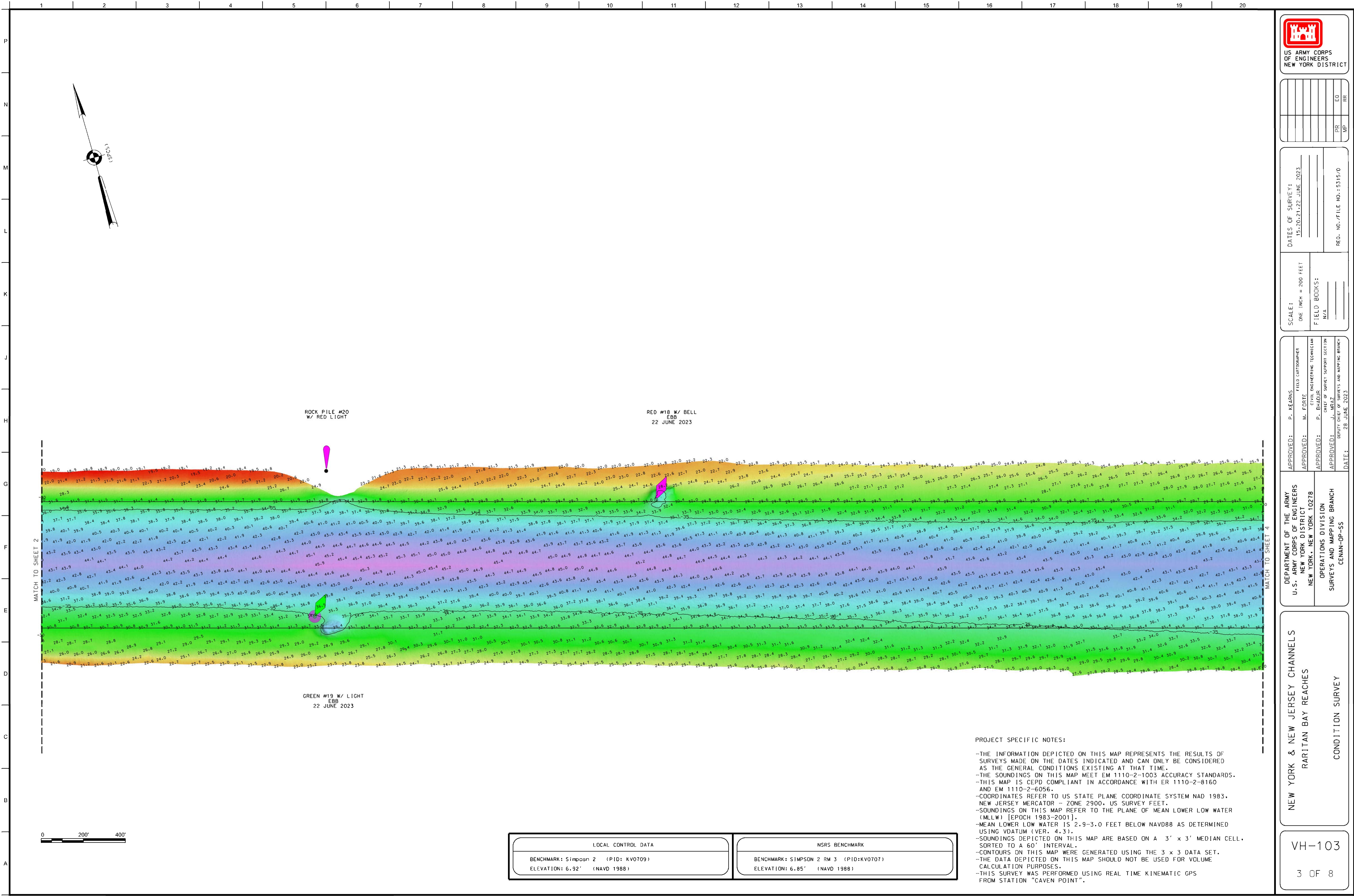


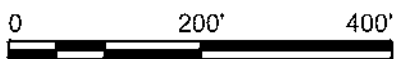


- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND CAN ONLY BE CONSIDERED AS THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- THE SOUNDINGS ON THIS MAP MEET EM 1110-2-1003 ACCURACY STANDARDS.
- THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 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 MEAN LOWER LOW WATER (MLLW) [EPOCH 1983-2001].
- MEAN LOWER LOW WATER IS 2.9-3.0 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.3).
- 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.
- THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION "CAVEN POINT".

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: Simposn 2 (PID: KV0709)	BENCHMARK: SIMPSON 2 RM 3 (PID:KV0707)
ELEVATION: 6.92' (NAVD 1988)	ELEVATION: 6.85' (NAVD 1988)



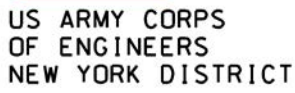




RED #14 W/ LIGHT
FLOOD
21 JUNE 2023

- 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 (M.L.L.W.) (EPDC 1983-2001).
- MEAN LOWER LOW WATER IS 2.9-3.0 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4).
- SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' x 3' MEDIAN CELL, SORTED TO A 60' INTERVAL.
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LOCAL CONTROL DATA BENCHMARK: Simpson 2 (PID: KV0709) ELEVATION: 6.92' (NAVD 1988)	NSRS BENCHMARK BENCHMARK: SIMPSON 2 RM 3 (PID:KV0707) ELEVATION: 6.85' (NAVD 1988)
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[illegible]

SCALE: ONE INCH = 200 FEET	DATES OF SURVEY: 15.20.21-22 JUNE 2023 _____ _____ _____
FIELD BOOKS: N/A _____ _____ _____	REG. NO./FILE NO.: 531570

APPROVED:	P. KEARNS	FIELD CARTOGRAPHER
APPROVED:	M. FORTE	CIVIL ENGINEERING TECHNICIAN
APPROVED:	P. BHADUR	CHIEF OF SURVEY SUPPORT SECTION
APPROVED:	J. MRAZ	DEPUTY CHIEF OF SURVEYS AND MAPPING BRANCH
DATE:	28 JUNE 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-SS

NEW YORK & NEW JERSEY CHANNELS
RARITAN BAY REACHES

CONDITION SURVEY

VH-104

4 OF 8

