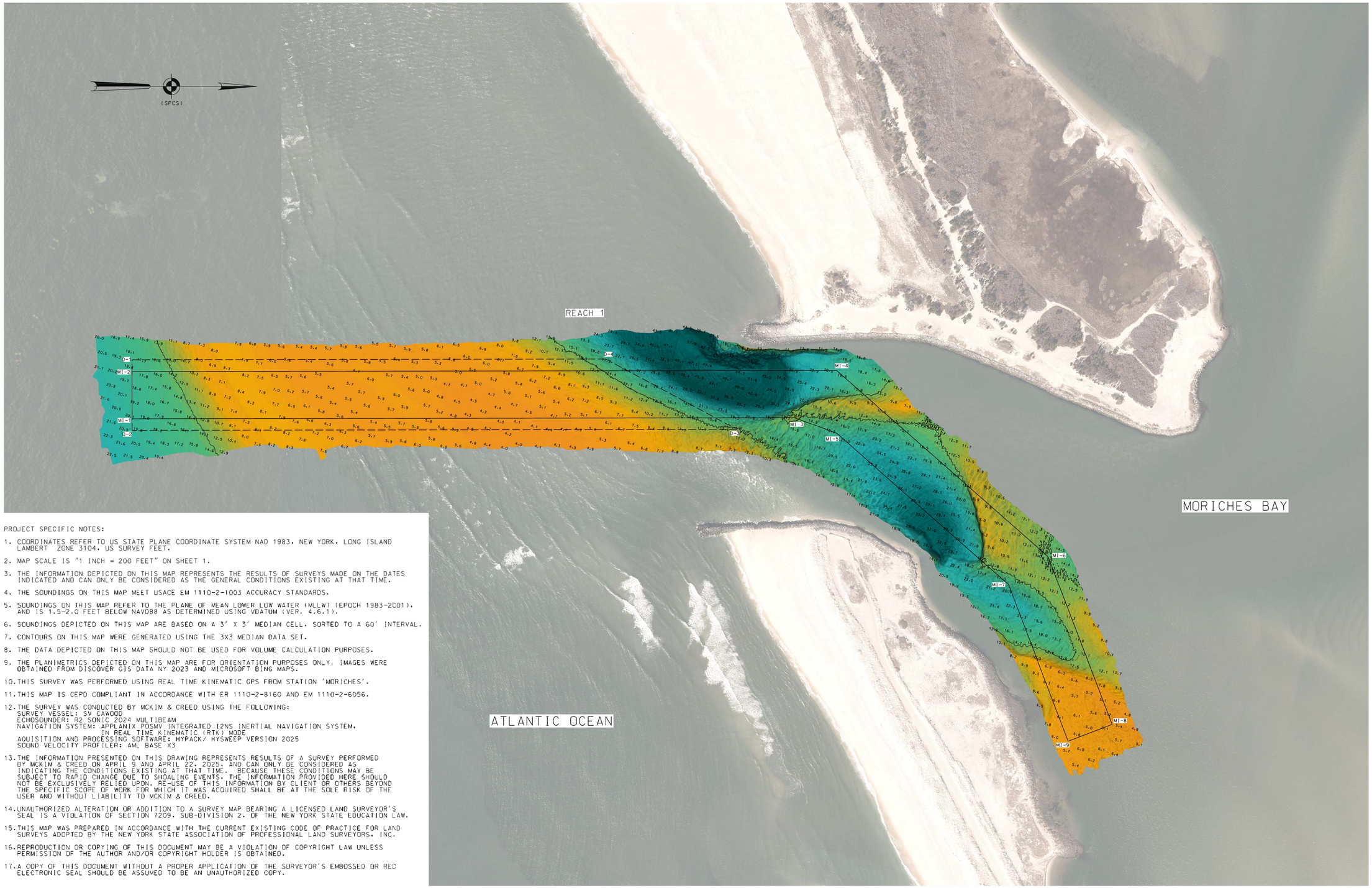

PROJECT SPECIFIC NOTES:

1. COORDINATES REFER TO US STATE PLANE COORDINATE SYSTEM NAD 1983, NEW YORK, LONG ISLAND LAMBERT ZONE 3104, US SURVEY FEET.
2. MAP SCALE IS "1 INCH = 200 FEET" ON SHEET 1.
3. 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.
4. THE SOUNDINGS ON THIS MAP MEET USACE EM 1110-2-1003 ACCURACY STANDARDS.
5. SOUNDINGS ON THIS MAP REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) (EPOCH 1983-2001), AND IS 1.5-2.0 FEET BELOW NAVD88 AS DETERMINED USING VDATUM (VER. 4.6.1).
6. SOUNDINGS DEPICTED ON THIS MAP ARE BASED ON A 3' X 3' MEDIAN CELL, SORTED TO A 60' INTERVAL.
7. CONTOURS ON THIS MAP WERE GENERATED USING THE 3X3 MEDIAN DATA SET.
8. THE DATA DEPICTED ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
9. THE PLANIMETRICS DEPICTED ON THIS MAP ARE FOR ORIENTATION PURPOSES ONLY. IMAGES WERE OBTAINED FROM DISCOVER GIS DATA NY 2023 AND MICROSOFT BING MAPS.
10. THIS SURVEY WAS PERFORMED USING REAL TIME KINEMATIC GPS FROM STATION 'MORICHES'.
11. THIS MAP IS CEPD COMPLIANT IN ACCORDANCE WITH ER 1110-2-8160 AND EM 1110-2-6056.
12. THE SURVEY WAS CONDUCTED BY MCKIM & CREED USING THE FOLLOWING:
    SURVEY VESSEL: SV CAWOOD
    ECHOSOUNDER: R2 SONIC 2024 MULTIBEAM
    NAVIGATION SYSTEM: APPLANIX POSMV INTEGRATED I2NS INERTIAL NAVIGATION SYSTEM. IN REAL TIME KINEMATIC (RTK) MODE
    AQUISITION AND PROCESSING SOFTWARE: HYPACK/ HYSWEEP VERSION 2025
    SOUND VELOCITY PROFILER: AML BASE X3
13. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS RESULTS OF A SURVEY PERFORMED BY MCKIM & CREED ON APRIL 9 AND APRIL 22, 2025, AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME. BECAUSE THESE CONDITIONS MAY BE SUBJECT TO RAPID CHANGE DUE TO SHOALING EVENTS, THE INFORMATION PROVIDED HERE SHOULD NOT BE EXCLUSIVELY RELIED UPON. RE-USE OF THIS INFORMATION BY CLIENT OR OTHERS BEYOND THE SPECIFIC SCOPE OF WORK FOR WHICH IT WAS ACQUIRED SHALL BE AT THE SOLE RISK OF THE USER AND WITHOUT LIABILITY TO MCKIM & CREED.
14. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.
15. THIS MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC.
16. REPRODUCTION OR COPYING OF THIS DOCUMENT MAY BE A VIOLATION OF COPYRIGHT LAW UNLESS PERMISSION OF THE AUTHOR AND/OR COPYRIGHT HOLDER IS OBTAINED.
17. A COPY OF THIS DOCUMENT WITHOUT A PROPER APPLICATION OF THE SURVEYOR'S EMBOSSED OR RED ELECTRONIC SEAL SHOULD BE ASSUMED TO BE AN UNAUTHORIZED COPY.

0 200' 400'

McKIM&CREED
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WILMINGTON, NORTH CAROLINA 28401
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FAX: (910) 251-8282
NORTH CAROLINA FIRM LICENSE NUMBER: F-1222

LOCAL CONTROL DATA	NSRS BENCHMARK
BENCHMARK: MORICHES (PID: AA9073)	BENCHMARK: MOR1 A (PID: AI9628)
ELEVATION: 4.86' (NAVD 1988)	ELEVATION: 4.41' (NAVD 1988)

US ARMY CORPS
OF ENGINEERS
NEW YORK DISTRICT

PR	GD	
MP	ND	

DATES OF SURVEY:
APRIL 9, 2025
APRIL 22, 2025

SCALE:
1 INCH = 200 FEET

FIELD BOOKS:
W2327/42-51
W2144/28-31

REQ. NO./FILE NO.:15548

APPROVED: J. STARKEY
FIELD CARTOGRAPHER
APPROVED: R. SMITH
LEAD CARTOGRAPHER
APPROVED: P. BHADUR
CHIEF OF SURVEY SUPPORT SECTION
APPROVED: J. BRAUNZ
CHIEF, SURVEYS AND MAPPING BRANCH
DATE: APRIL 30, 2025

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

OPERATIONS DIVISION
SURVEYS AND MAPPING BRANCH
CENAN-OP-SS

MORICHES INLET
NEW YORK

CONDITION SURVEY

VH-101

1 OF 1