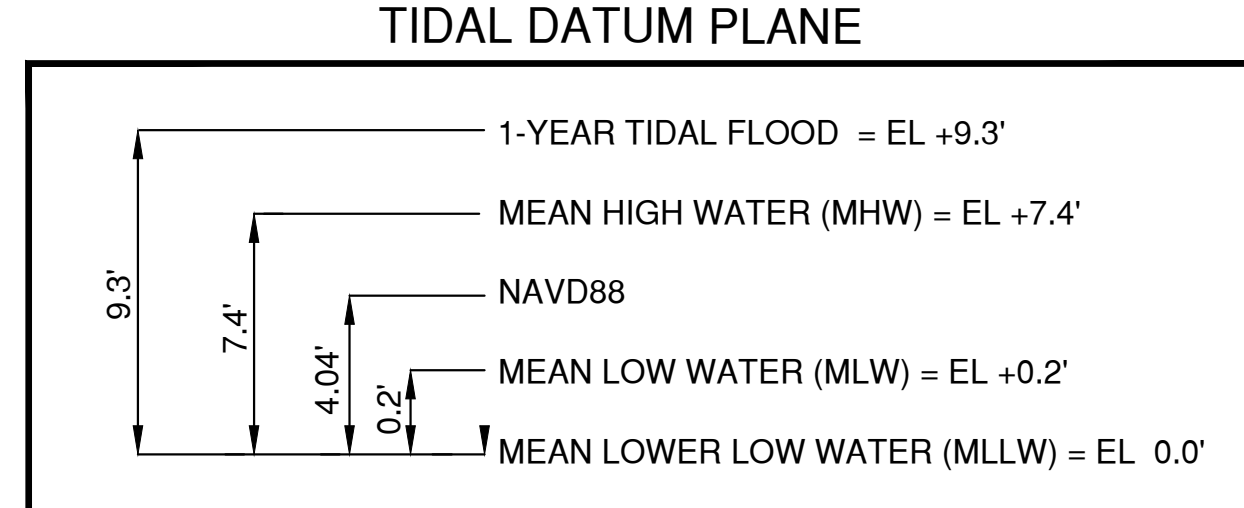
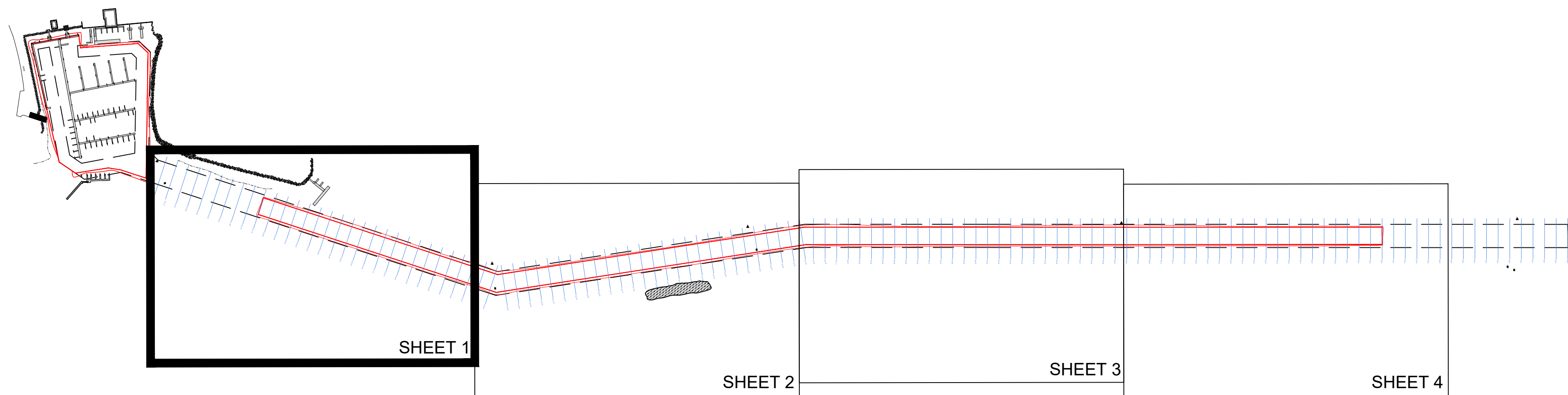


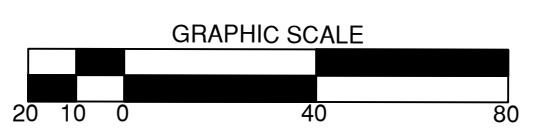
SOUNDING
 NOTE: MEASURING POINT FOR INDIVIDUAL SOUNDINGS IS LOCATED AT THE DECIMAL POINT



**DREDGED 75' WIDE CHANNEL
 CONTROL DEPTH = -4.0' MLLW
 +1.0' OVERDREDGE ALLOWANCE
 3:1 SIDE SLOPES**



SHEET INDEX MAP



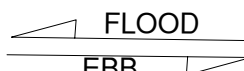
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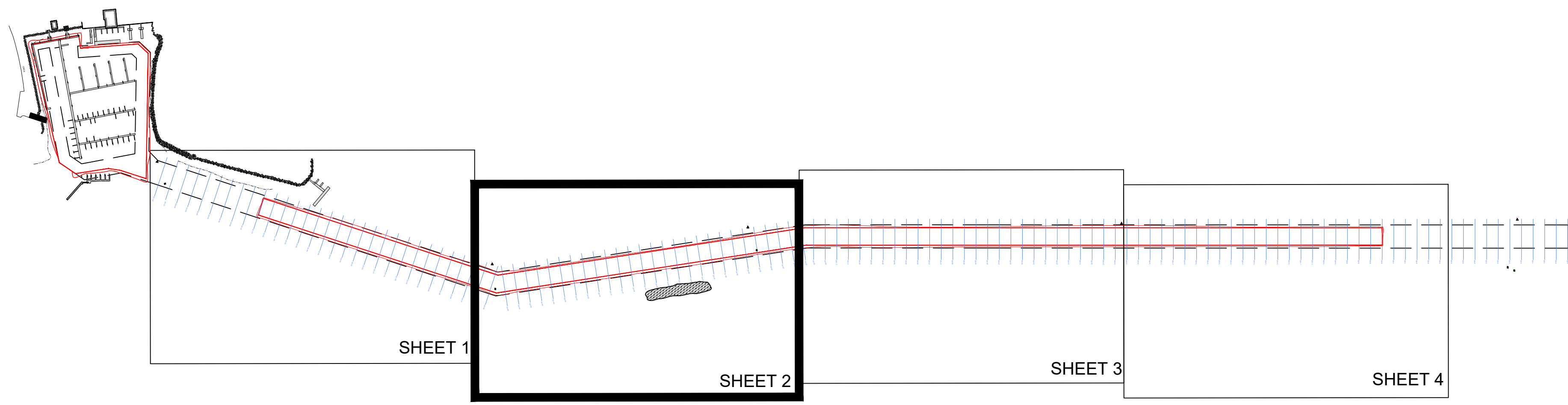
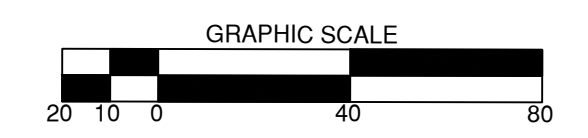
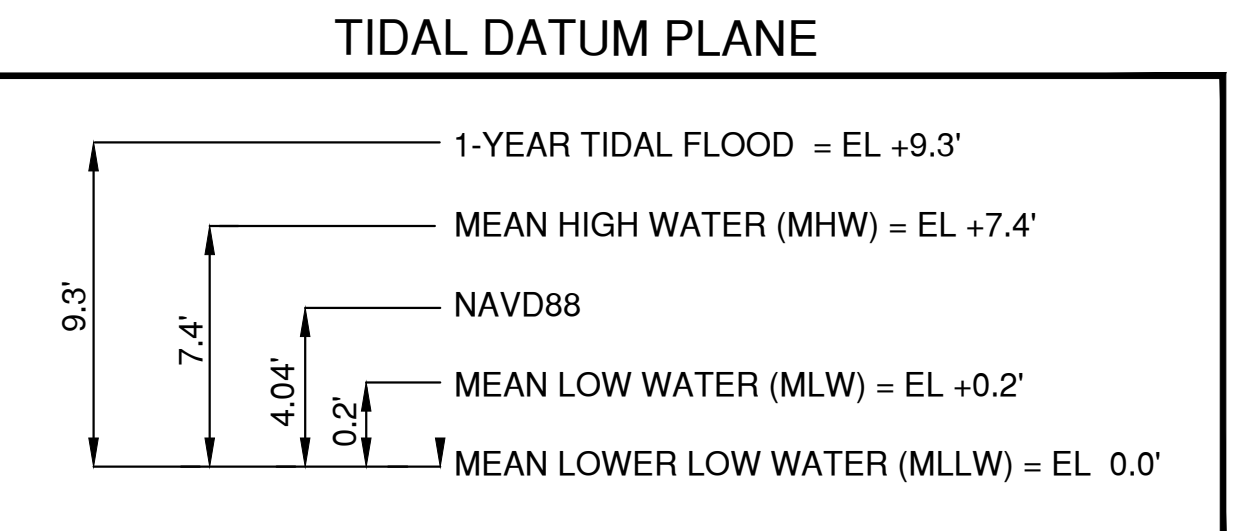
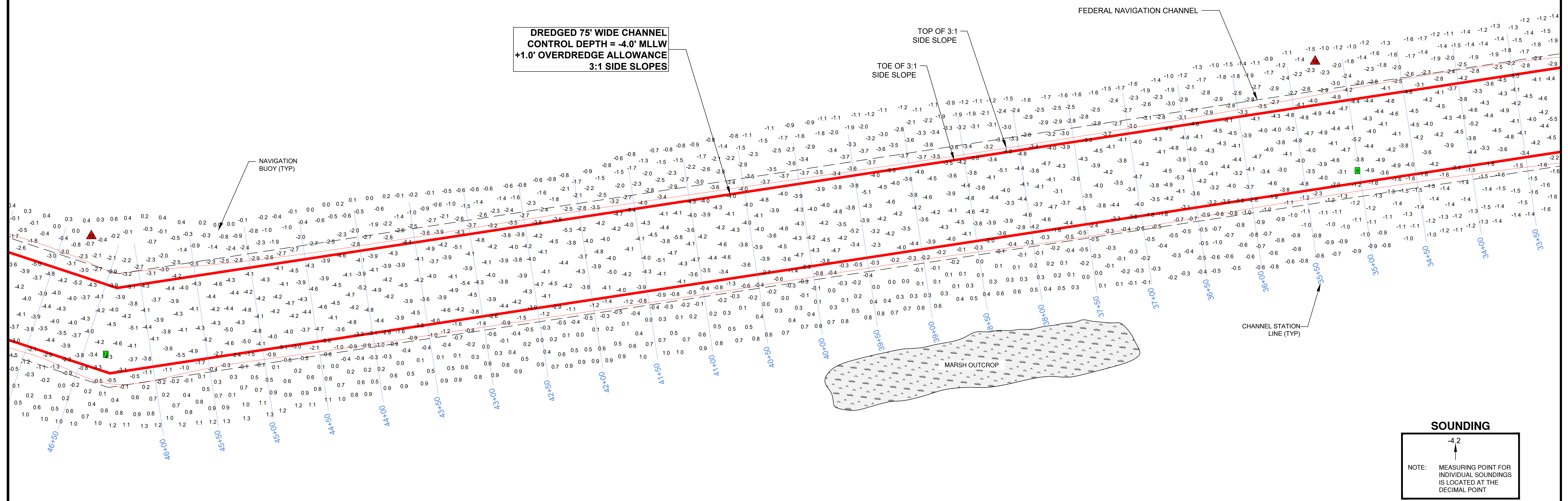
HYDROGRAPHIC SURVEY

MILTON HARBOR NAVIGATION
 CHANNEL & RYE BOAT BASIN
 RYE, NEW YORK

SURVEY DATE: 2/23/2023	SHEET 1 OF 4	SCALE 1" = 40'
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NY STATE PLANE COORDINATE SYSTEM (NAD 83)

MILTON  HARBOR



SHEET INDEX MAP

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HYDROGRAPHIC SURVEY

MILTON HARBOR NAVIGATION CHANNEL & RYE BOAT BASIN
RYE, NEW YORK

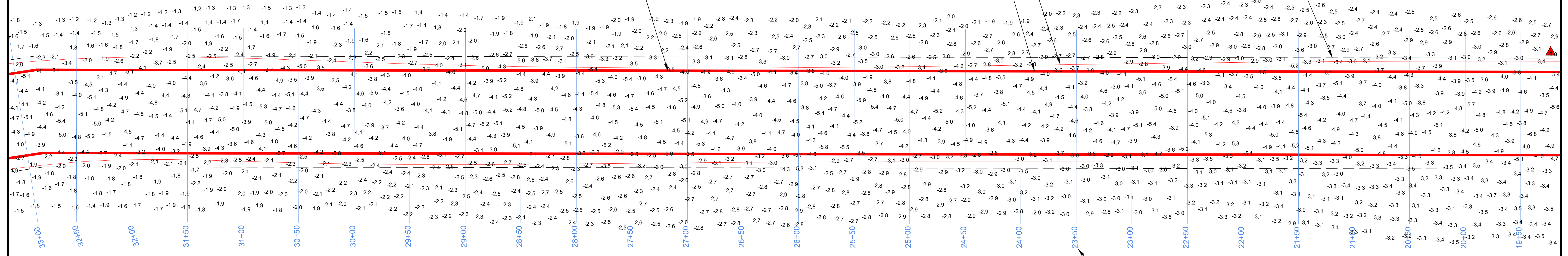
SURVEY DATE: 2/23/2023	SHEET 2 OF 4	SCALE 1" = 40'
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NY STATE PLANE COORDINATE SYSTEM (NAD 83)

DREDGE 75' WIDE CHANNEL
CONTROL DEPTH = -4.0' MLLW
+1.0' OVERDEPTH ALLOWANCE
3:1 SIDE SLOPES

TOP OF 3:1
SIDE SLOPE
TOE OF 3:1
SIDE SLOPE

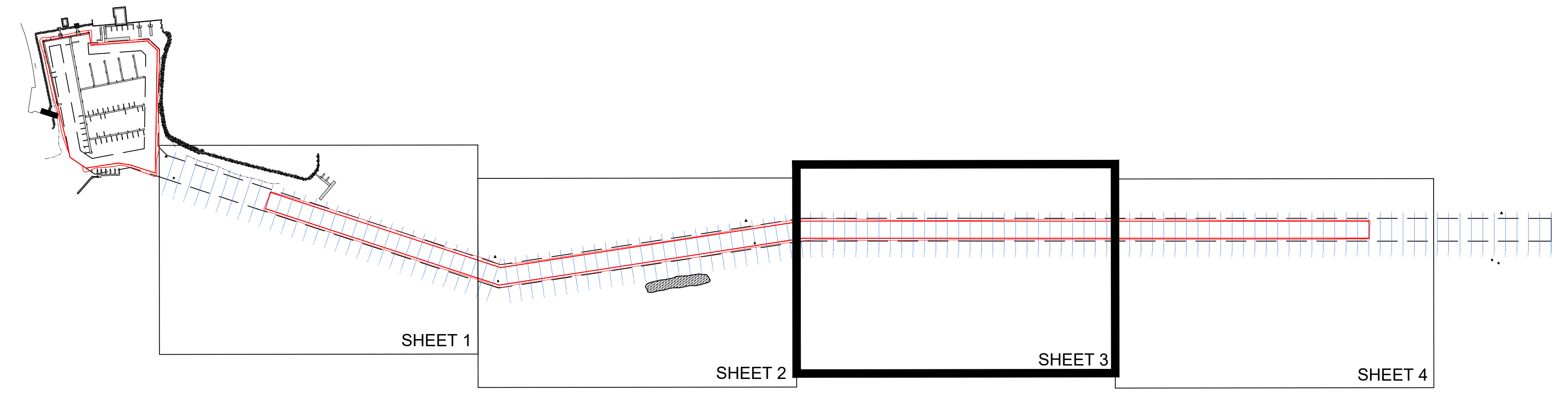
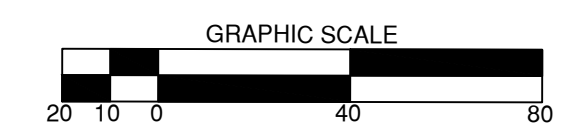
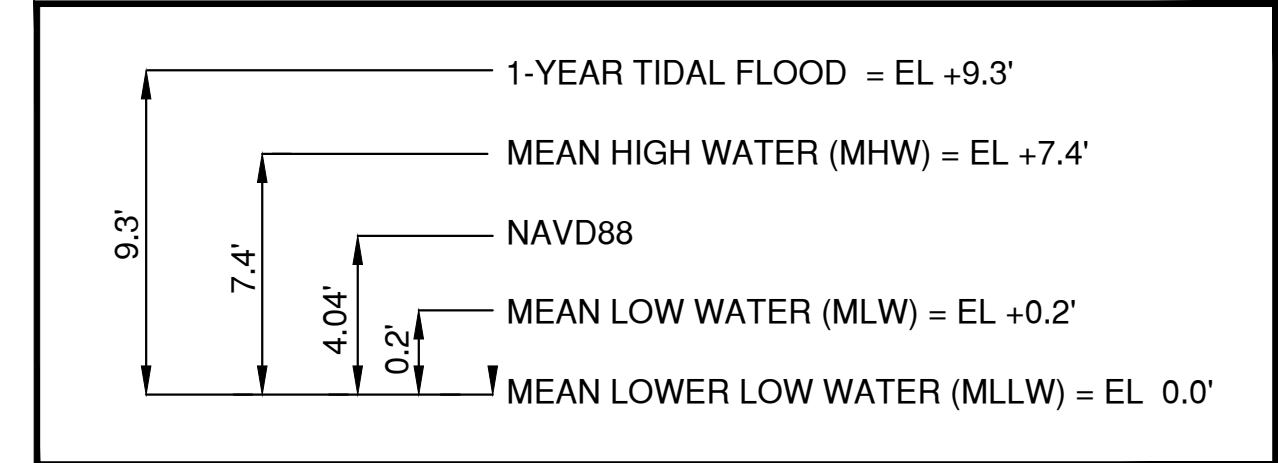
FEDERAL NAVIGATION CHANNEL



MILTON \leftarrow FLOOD \rightarrow HARBOR
 EBB \leftarrow \rightarrow

SOUNDING
4.2
NOTE: MEASURING POINT FOR INDIVIDUAL SOUNDINGS IS LOCATED AT THE DECIMAL POINT

TIDAL DATUM PLANE



SHEET INDEX MAP

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HYDROGRAPHIC SURVEY

MILTON HARBOR NAVIGATION
CHANNEL & RYE BOAT BASIN
RYE, NEW YORK

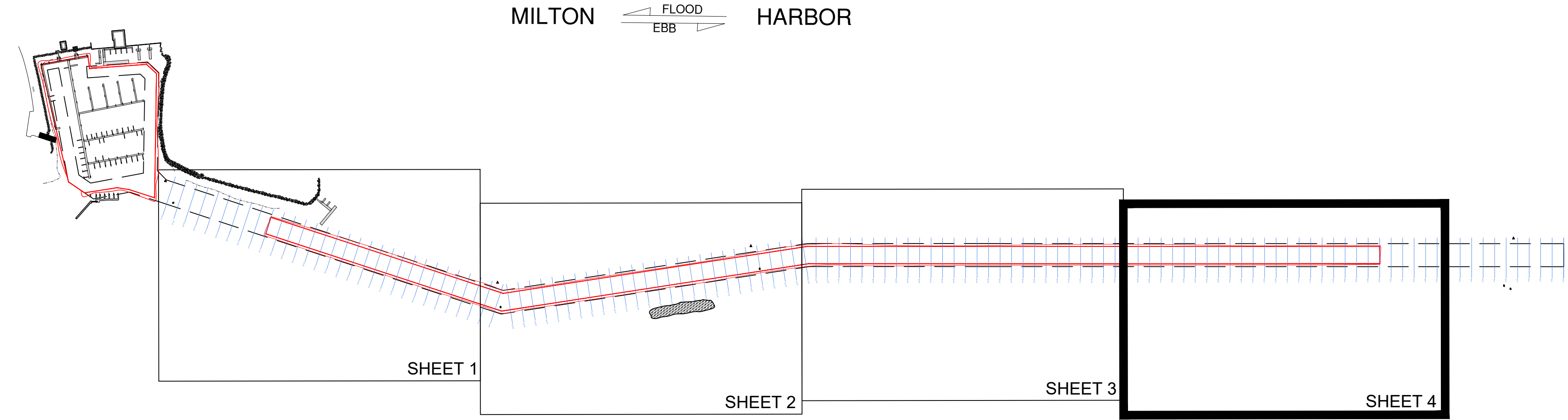
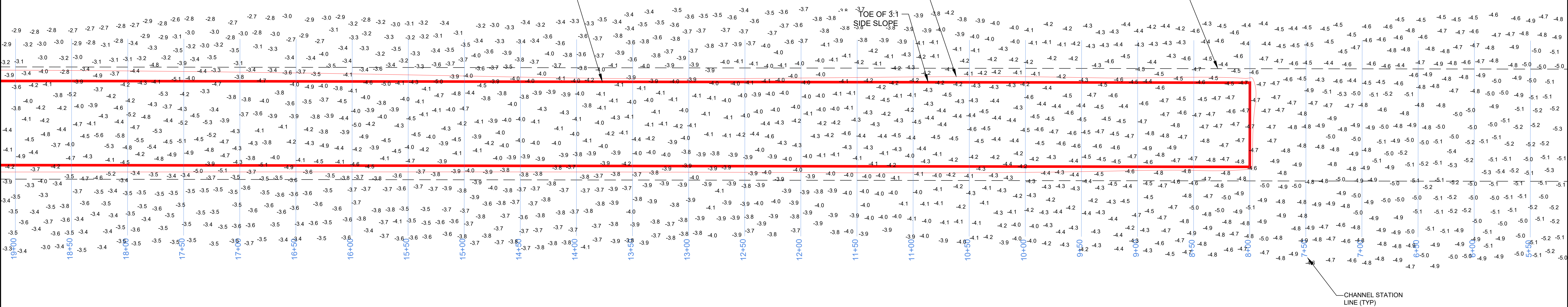
SURVEY DATE: 2/23/2023	SHEET 3 OF 4	SCALE 1" = 40'
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NY STATE PLANE COORDINATE SYSTEM (NAD 83)

DREDGED 75' WIDE CHANNEL
CONTROL DEPTH = -4.0' MLLW
+1.0' OVERDREDGE ALLOWANCE
3:1 SIDE SLOPES

TOP OF 3:1 SIDE SLOPE

FEDERAL NAVIGATION CHANNEL

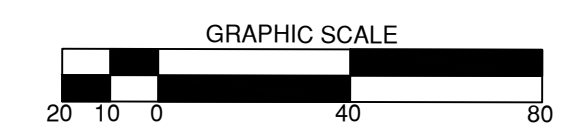
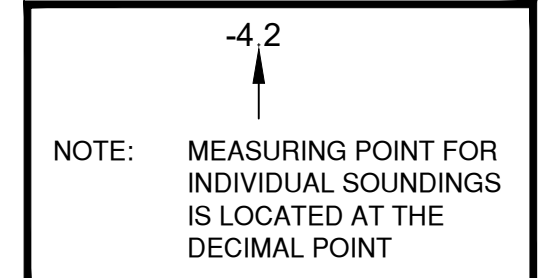


SHEET INDEX MAP

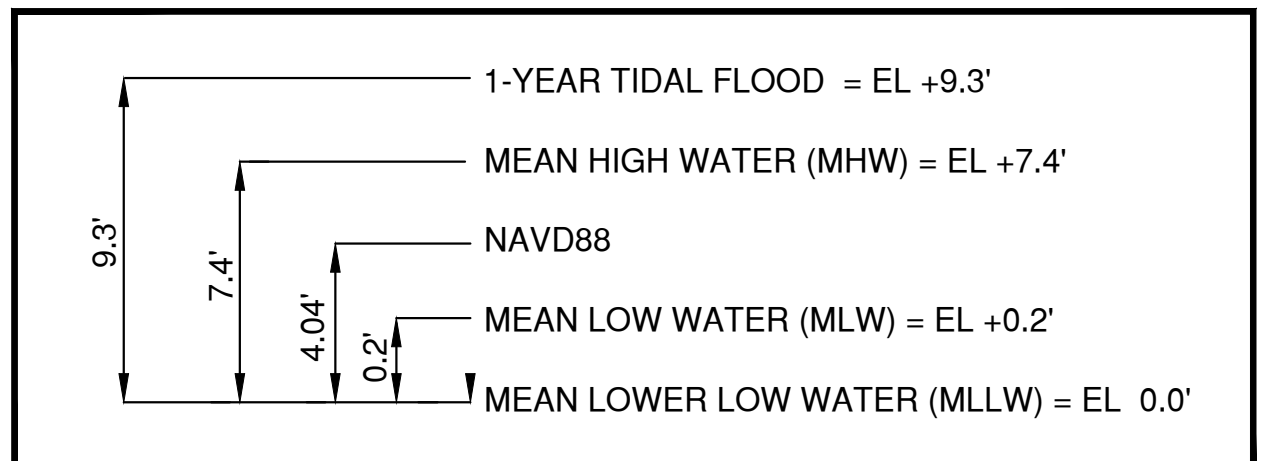
NOTES

1. **HYDROGRAPHIC SURVEY NOTES:**
 - A. THE HYDROGRAPHIC SOUNDINGS DEPICTED ON THE SURVEY REPRESENT THE RESULTS OF A HYDROGRAPHIC SURVEY PERFORMED ON 2/23/2023 (SOUNDINGS) BY COASTLINE CONSULTING & DEVELOPMENT, LLC (TIMOTHY MCCARTHY, CERTIFIED HYDROGRAPHER, CERTIFICATE No. 296) AND CAN ONLY BE CONSIDERED TO INDICATE CONDITIONS EXISTING AT THAT TIME.
 - B. THE HYDROGRAPHIC SURVEY DATA WAS COLLECTED USING A MULTI-BEAM SURVEY SYSTEM. RTK GNSS WAS USED FOR TIDES AND POSITIONS IN TANDEM WITH A TELEDYNE ODOM MB1 MULTI BEAM TRANSDUCER.
 - C. THE BENCHMARK IS A PIECE OF STEEL REBAR WITH A BLUE PLASTIC CAP LOCATED NEAR THE ACCESS RAMP OF THE MAIN DOCK AT THE RYE BOAT BASIN. ITS HORIZONTAL LOCATION IS N 288426.06' / E 1070019.00' NEW YORK LONG ISLAND STATE PLANE COORDINATES. BENCHMARK AND COORDINATE SYSTEM TAKEN FROM REFERENCE MAP 2A.
 - D. THE TECHNIQUES UTILIZED TO PERFORM THIS SURVEY MEET OR EXCEED THOSE STANDARDS DESCRIBED FOR A CLASS 1 GENERAL CONDITION SURVEY IN SOFT BOTTOM CONDITIONS WITHIN THE U.S. ARMY CORPS OF ENGINEERS HYDROGRAPHIC SURVEY MANUAL (EM-1110-2-1003).
 - E. THE SOUNDING INFORMATION ON THIS MAP IS REPRESENTATIVE OF A LARGER DATA SET AND SHOULD NOT BE USED TO DETERMINE VOLUMES. THE LARGER DATA SET CAN BE MADE AVAILABLE UPON REQUEST.
 - F. THE PLOTTED SOUNDINGS ARE REPRESENTATIVE OF THE AVERAGE VALUE OF A 3' x 3' CELL AND SORTED TO A 15' RADIUS TO FIT THE SCALE OF THE SURVEY.
2. **REFERENCES:**
 - A. "FATHOMETRIC SURVEY PREPARED FOR CITY OF RYE, 850 MILTON ROAD, RYE, NY, 10580, SHEETS 1-3 OF 3", DATED MARCH 27 & 28, 2013, SCALE 1" = 100', AND PREPARED BY HYDROGRAPHIC SURVEYS, SEWELL, NEW JERSEY.
 - B. "MILTON HARBOR, NEW YORK, CONDITIONS SURVEY, SHEETS 1-4 OF 4", SCALE 1" = 50', DATED OCTOBER 5, 6 & 7 OCTOBER 2010, AND PREPARED BY THE U.S. ARMY CORPS OF ENGINEERS, NEW YORK DISTRICT.
4. **VERTICAL DATUM & TIDELINES**
ELEVATIONS ARE REFERENCED TO THE MEAN LOWER LOW WATER TIDAL DATUM. CONVERSION FROM NAVD88 TO MLLW IS +4.04'.
5. **LIMITATIONS**
THIS MAP IS FOR PLANNING PURPOSES ONLY. BOUNDARY INFORMATION DEPICTED HEREON IS BASED ON RECORD RESEARCH, OTHER MAPS, LIMITED FIELD MEASUREMENTS AND OTHER SOURCES. IT IS NOT TO BE CONSTRUED AS A PROPERTY/BOUNDARY SURVEY AND IS SUBJECT TO SUCH FACTS AS SAID SURVEYS MAY DISCLOSE. NOT ALL IMPROVEMENTS AND FEATURES HAVE BEEN DEPICTED.
6. **RIGHTS**
SITE MAY BE SUBJECT TO AND/OR TOGETHER WITH CERTAIN LITTORAL, RIPARIAN, OR OTHER RIGHTS AS PER THE RECORD MAY APPEAR.
7. **UTILITY NOTE**
ANY UNDERGROUND AND/OR UNDERWATER UTILITY, STRUCTURE, AND FACILITY LOCATIONS DEPICTED AND/OR NOTED HEREON MAY HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES OR GOVERNMENTAL AGENCIES, FROM PAROLE TESTIMONY AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE LOCATIONS OF WHICH ARE UNKNOWN TO COASTLINE CONSULTING & DEVELOPMENT, LLC. THE SIZE, LOCATION AND EXISTENCE OF ALL SUCH FEATURES MUST BE FIELD DETERMINED AND VERIFIED BY THE APPROPRIATE AUTHORITIES PRIOR TO ANY CONSTRUCTION.

SOUNDING



TIDAL DATUM PLANE



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HYDROGRAPHIC SURVEY

MILTON HARBOR NAVIGATION CHANNEL & RYE BOAT BASIN
RYE, NEW YORK

SURVEY DATE: 2/23/2023 SHEET 4 OF 4 SCALE 1" = 40'