

**W00717**

U.S. Department of Commerce  
National Oceanic and Atmospheric Administration  
National Ocean Service

**DESCRIPTIVE REPORT**

Type of Survey: Basic Hydrographic Survey

Registry Number: W00717

**LOCALITY**

State(s): New York

General Locality: Locust Point and Throgs Neck

Sub-locality: Hammond Cove

**2023**

CHIEF OF PARTY  
Scott Anastasio, P.E.

LIBRARY & ARCHIVES

Date:

**HYDROGRAPHIC TITLE SHEET**

**W00717**

**INSTRUCTIONS:** The Hydrographic Sheet should be accompanied by this form, filled in as completely as possible, when the sheet is forwarded to the Office.

State(s): **New York**

General Locality: **Locust Point and Throgs Neck**

Sub-Locality: **Hammond Cove**

Scale: **5000**

Dates of Survey: **01/19/2023 to 01/19/2023**

Instructions Dated: **N/A**

Project Number: **ESD-AHB-23**

Field Unit: **COWI Consulting, Inc.**

Chief of Party: **Scott Anastasio, P.E.**

Soundings by: **R2Sonic 2024 (MBES)**

Imagery by: **N/A**

Verification by: **Atlantic Hydrographic Branch**

Soundings Acquired in: **meters at Mean Lower Low Water**

**Remarks:**

*Any revisions to the Descriptive Report (DR) applied during office processing are shown in red italic text. The DR is maintained as a field unit product, therefore all information and recommendations within this report are considered preliminary unless otherwise noted. The final disposition of survey data is represented in the NOAA nautical chart products. All pertinent records for this survey are archived at the National Centers for Environmental Information (NCEI) and can be retrieved via <https://www.ncei.noaa.gov/>. Products created during office processing were generated in NAD83 UTM 18N, MLLW. All references to other horizontal or vertical datums in this report are applicable to the processed hydrographic data provided by the field unit.*

## DESCRIPTIVE REPORT MEMO

May 18, 2023

**MEMORANDUM FOR:** Atlantic Hydrographic Branch

**FROM:** Report prepared by AHB on behalf of field unit  
Scott Anastasio, P.E.  
Associate Project Director, COWI North America, Inc.

**SUBJECT:** Submission of Survey W00717

This survey was a post-dredge survey conducted in Hammond Cove inlet near the Locust Point Yacht Club and Throgs Neck Bridge, New York.

Post-dredge survey; the data supplied was a down-sampled point dataset ('xyz') derived from the MBES dataset collected by the field unit.

The vertical datum for this project is Mean Lower Low Water. The horizontal datum for this project is North American Datum of 1983 (NAD 83). The projection used for this project is Universal Transverse Mercator (UTM) Zone 18.

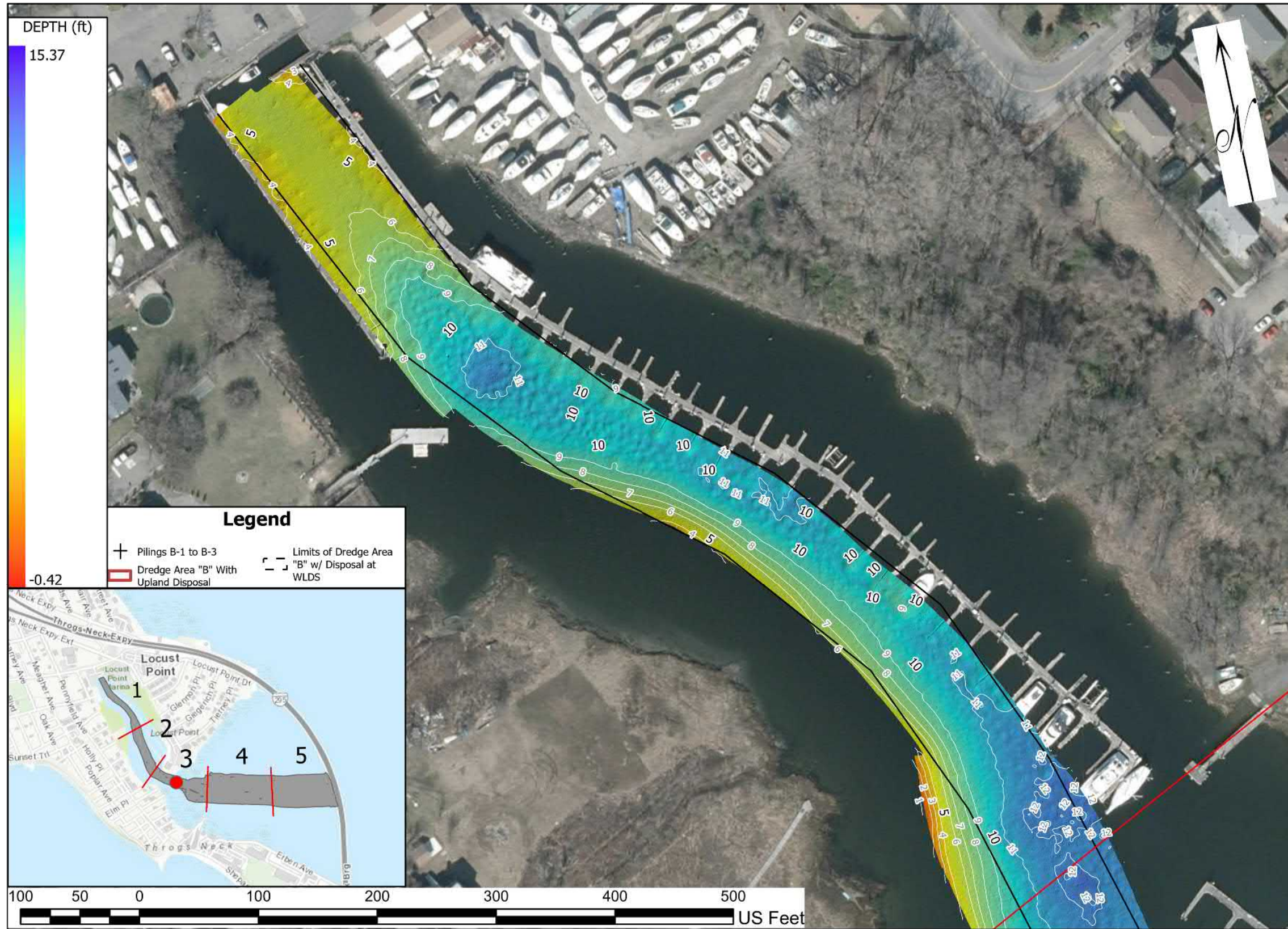
There was no DAPR for this project.

All data were reviewed for DTONs and none were identified in this survey.

COWI North American, Inc. acquired the data outlined in this report. Additional documentation from the data provider may be attached to this report.

Data supplied as a post-dredge survey from USACE permit in Hammond Cove Inlet out to Throgs Neck Bridge in New York City, New York.

This survey does meet charting specifications and is adequate to supersede prior data.



## HAMMOND COVE POST-DREDGE SURVEY NO. 1

SURVEYED BY: TLM, TM  
 DRAWN BY: EGH  
 SCALE: 1" = 100'-0"  
 DATE OF SURVEY: JANUARY 19, 2023  
 COUNTY: BRONX

**DESCRIPTION:**  
 THE SURVEY WAS CONDUCTED USING AN R2SONIC 2024 MULTI-BEAM SONAR ONBOARD A 31-FOOT ALUMINUM CATAMARAN, APPLANIX POS-MV SURFMASTER, APPLANIX POS-PAC AND HYPACK 2021. POSITION, MOTION AND HEADING WERE ALL MEASURED AND RECORDED.

- NOTES:**
1. THE INFORMATION PRESENTED ON THIS DRAWING REPRESENTS THE RESULTS OF MEASUREMENTS AND SOUNDINGS TAKEN BY PRUDENT ENGINEERING LLP. THIS DRAWING CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THE TIME OF SURVEY.
  2. THE SITE IS TIDALLY INFLUENCED. THEREFORE, THE WATER SURFACE ELEVATION RANGED FROM +2.96 FT. TO +4.20 FT. THROUGHOUT THE TAKING OF MEASUREMENTS.
  3. AT THE TIME OF SURVEY, THE TEMPERATURE WAS 45-55°F AND THE WEATHER WAS OVERCAST.
  4. THE SURVEY IS REFERENCED TO THE NEW YORK STATE PLANE LONG ISLAND ZONE COORDINATE SYSTEM. THE ELEVATIONS ARE REFERENCED TO N.O.A.A.'s "VDATUM" WHICH ESTABLISHED MEAN LOWER LOW WATER VALUE AT THE SITE.
  5. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SPECIFIED.
  6. DREDGE LIMIT BETWEEN UPLAND AND WLDS AREAS IS APPROXIMATED FROM PERMIT DRAWING MARK-UPS.
  7. APPROXIMATELY 1,750 CUBIC YARDS OF DREDGED MATERIAL WAS REMOVED.

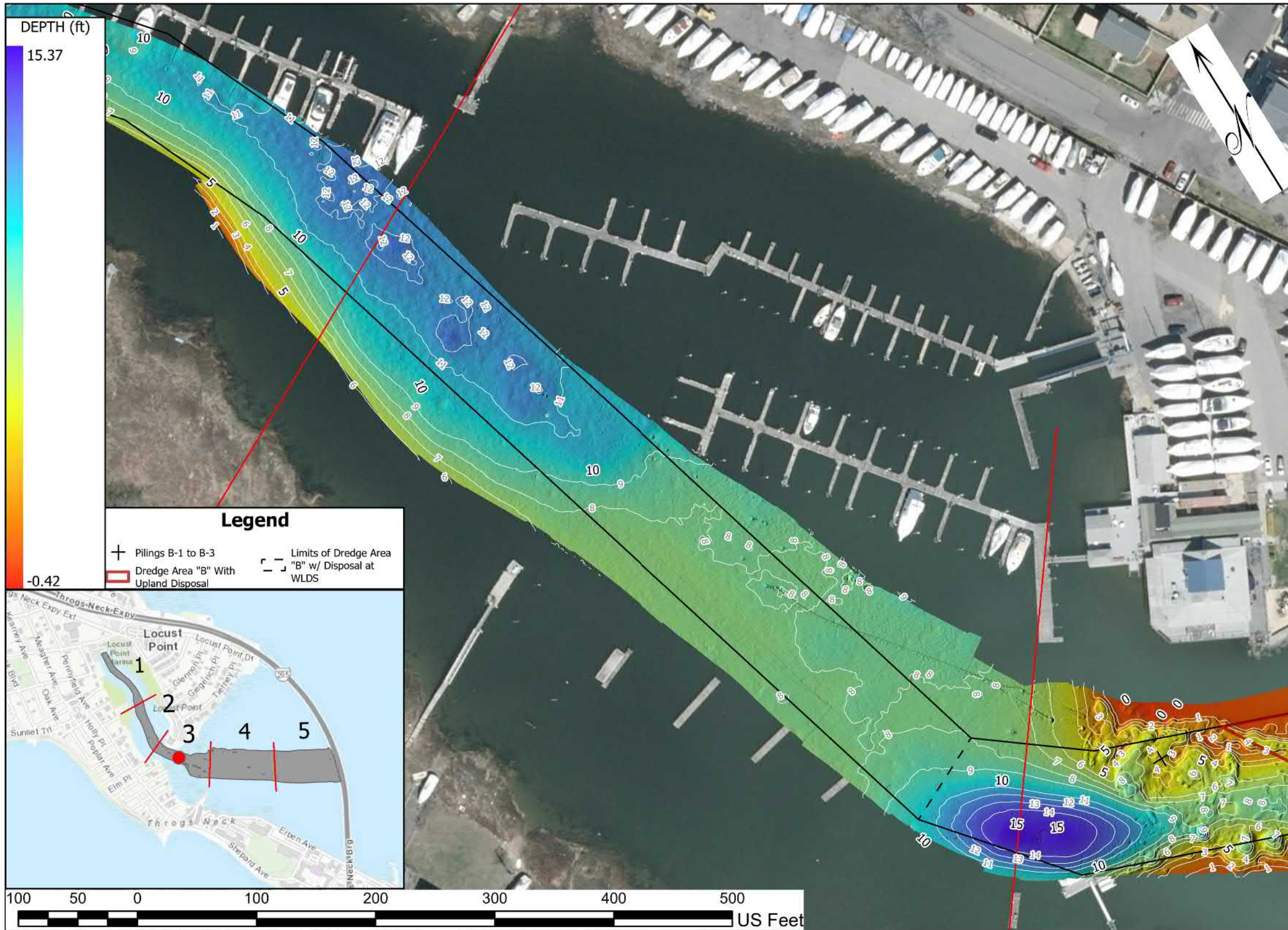
**TIDAL INFORMATION**  
 MHHW = +7.60 FT.  
 NAVD88 = +3.90 FT.  
 MLLW = 0 FT.

**PROJECT NUMBER**  
 123.006

**DRAWING NO. 1**  
**SHEET NO. 1 OF 6**



6390 Fly Road, East Syracuse, NY, 13057



## HAMMOND COVE POST-DREDGE SURVEY NO. 1

SURVEYED BY: TLM, TM  
 DRAWN BY: EGH  
 SCALE: 1" = 100'-0"  
 DATE OF SURVEY: JANUARY 19, 2023  
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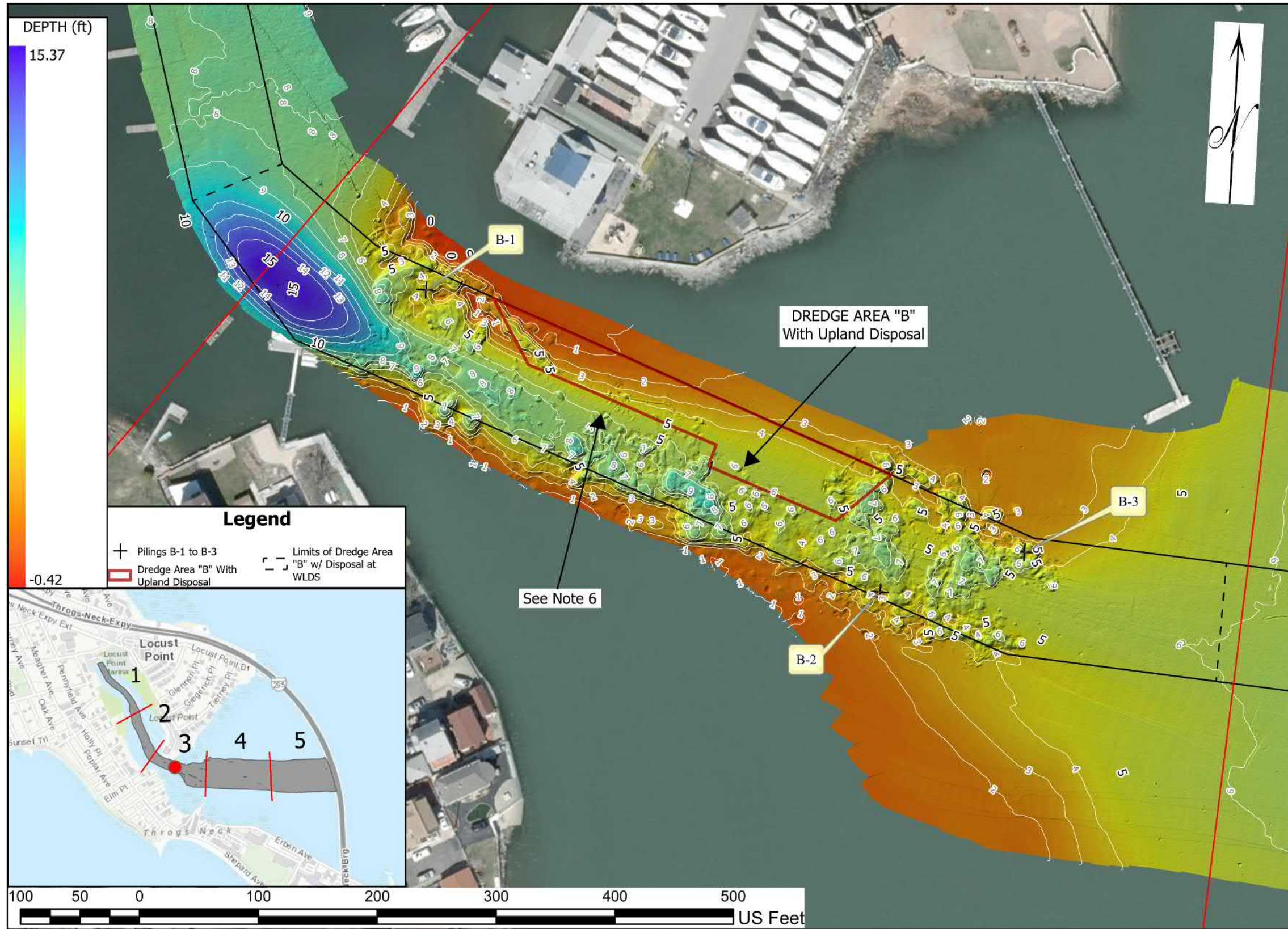
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**PROJECT NUMBER**  
 123.006

**DRAWING NO. 1**  
**SHEET NO. 2 OF 6**



6390 Fly Road, East Syracuse, NY, 13057



## HAMMOND COVE POST-DREDGE SURVEY NO. 1

SURVEYED BY: TLM, TM  
 DRAWN BY: EGH  
 SCALE: 1" = 100'-0"  
 DATE OF SURVEY: JANUARY 19, 2023  
 COUNTY: BRONX

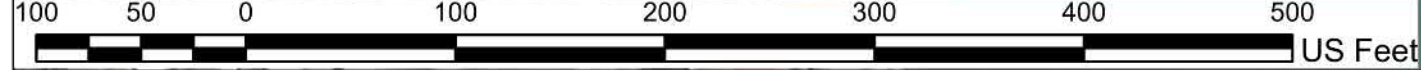
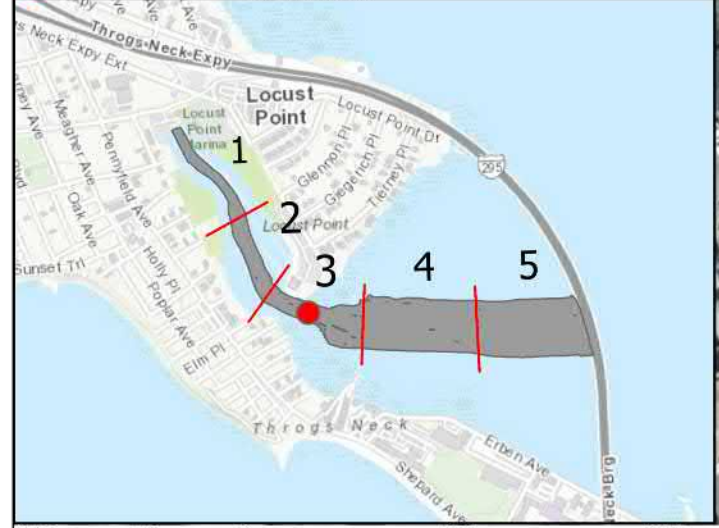
**DESCRIPTION:**  
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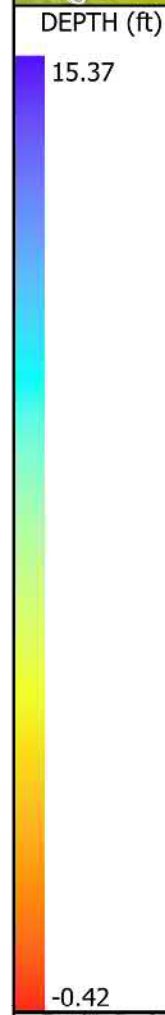
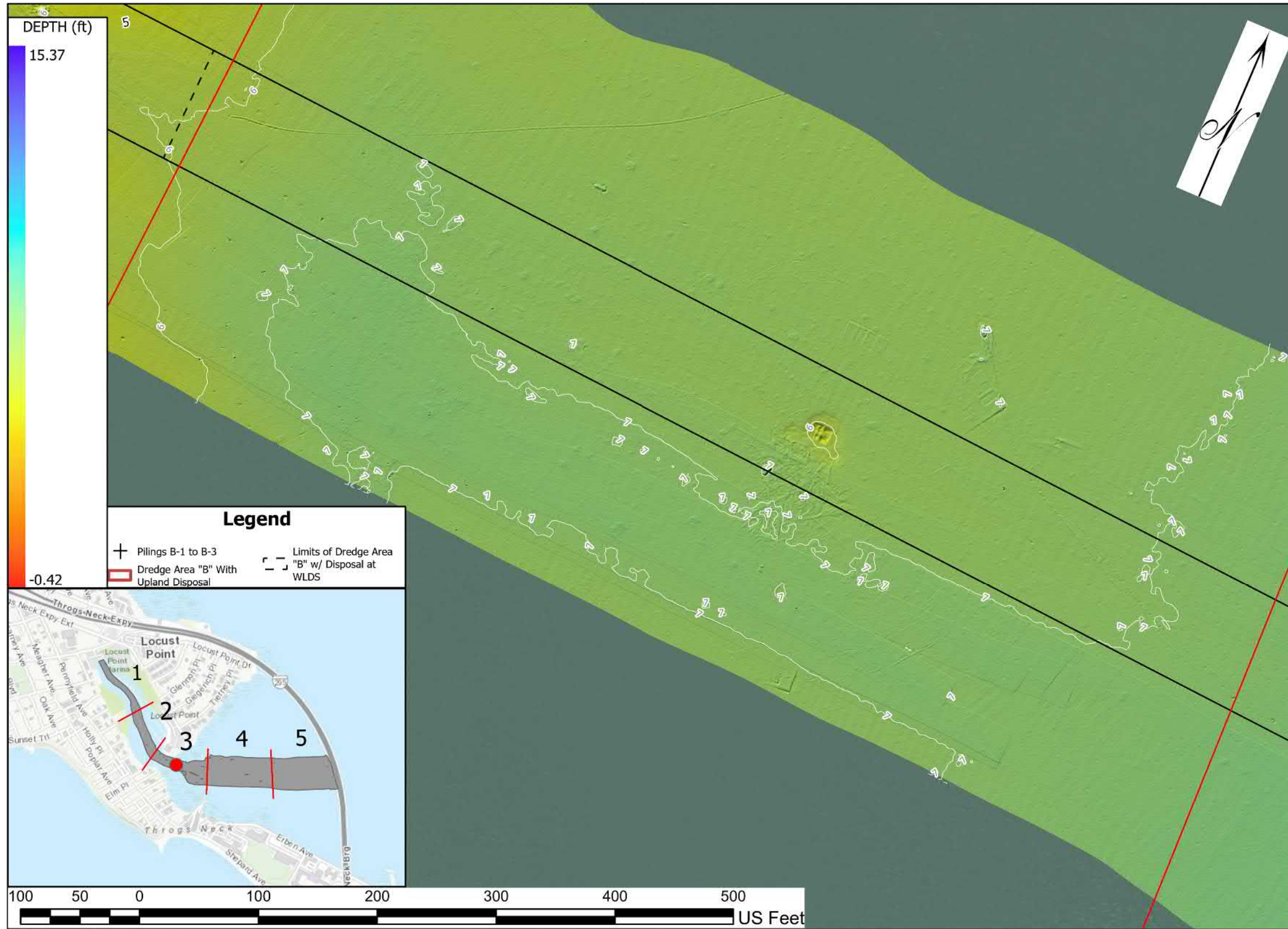
**Legend**

- ✚ Pilings B-1 to B-3
- ▭ Limits of Dredge Area "B" w/ Disposal at WLDS
- ▭ Dredge Area "B" With Upland Disposal



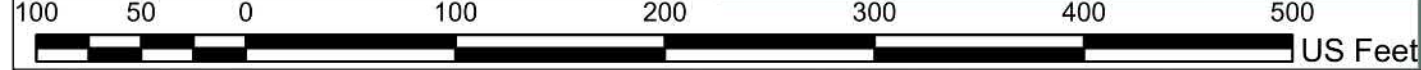
<b>PROJECT NUMBER</b> 123.006	<b>DRAWING NO. 1</b> SHEET NO. 3 OF 6
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6390 Fly Road, East Syracuse, NY, 13057

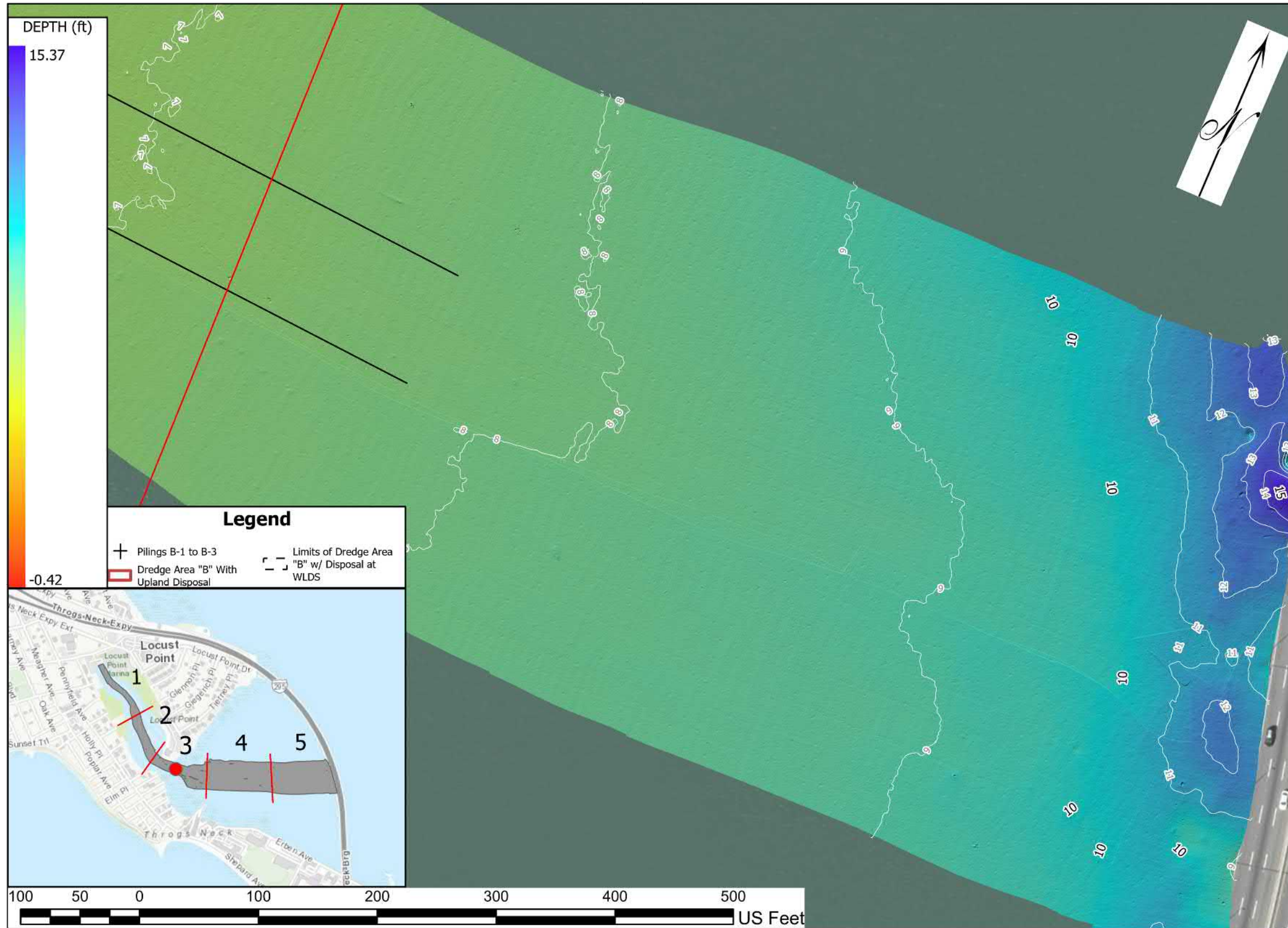


**Legend**

- ✚ Pilings B-1 to B-3
- ▭ Dredge Area "B" With Upland Disposal
- ▭ Limits of Dredge Area "B" w/ Disposal at WLDS



<b>HAMMOND COVE POST-DREDGE SURVEY NO. 1</b>	
SURVEYED BY: TLM, TM DRAWN BY: EGH SCALE: 1" = 100'-0" DATE OF SURVEY: JANUARY 19, 2023 COUNTY: BRONX	
<b>DESCRIPTION:</b>  THE SURVEY WAS CONDUCTED USING AN R2SONIC 2024 MULTI-BEAM SONAR ONBOARD A 31-FOOT ALUMINUM CATAMARAN, APPLANIX POS-MV SURFMASTER, APPLANIX POS-PAC AND HYPACK 2021. POSITION, MOTION AND HEADING WERE ALL MEASURED AND RECORDED.	
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<b>TIDAL INFORMATION</b>  MHHW = +7.60 FT. NAVD88 = +3.90 FT. MLLW = 0 FT.	
<b>PROJECT NUMBER</b> 123.006	<b>DRAWING NO. 1</b> SHEET NO. 4 OF 6



## HAMMOND COVE POST-DREDGE SURVEY NO. 1

SURVEYED BY: TLM, TM  
 DRAWN BY: EGH  
 SCALE: 1" = 100'-0"  
 DATE OF SURVEY: JANUARY 19, 2023  
 COUNTY: BRONX

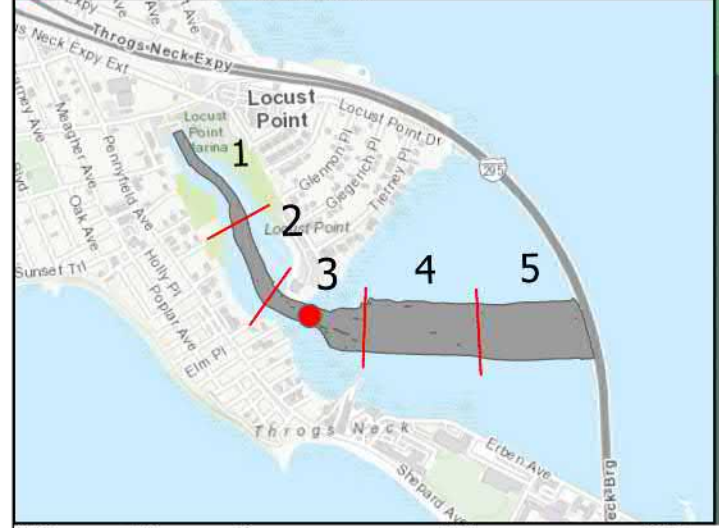
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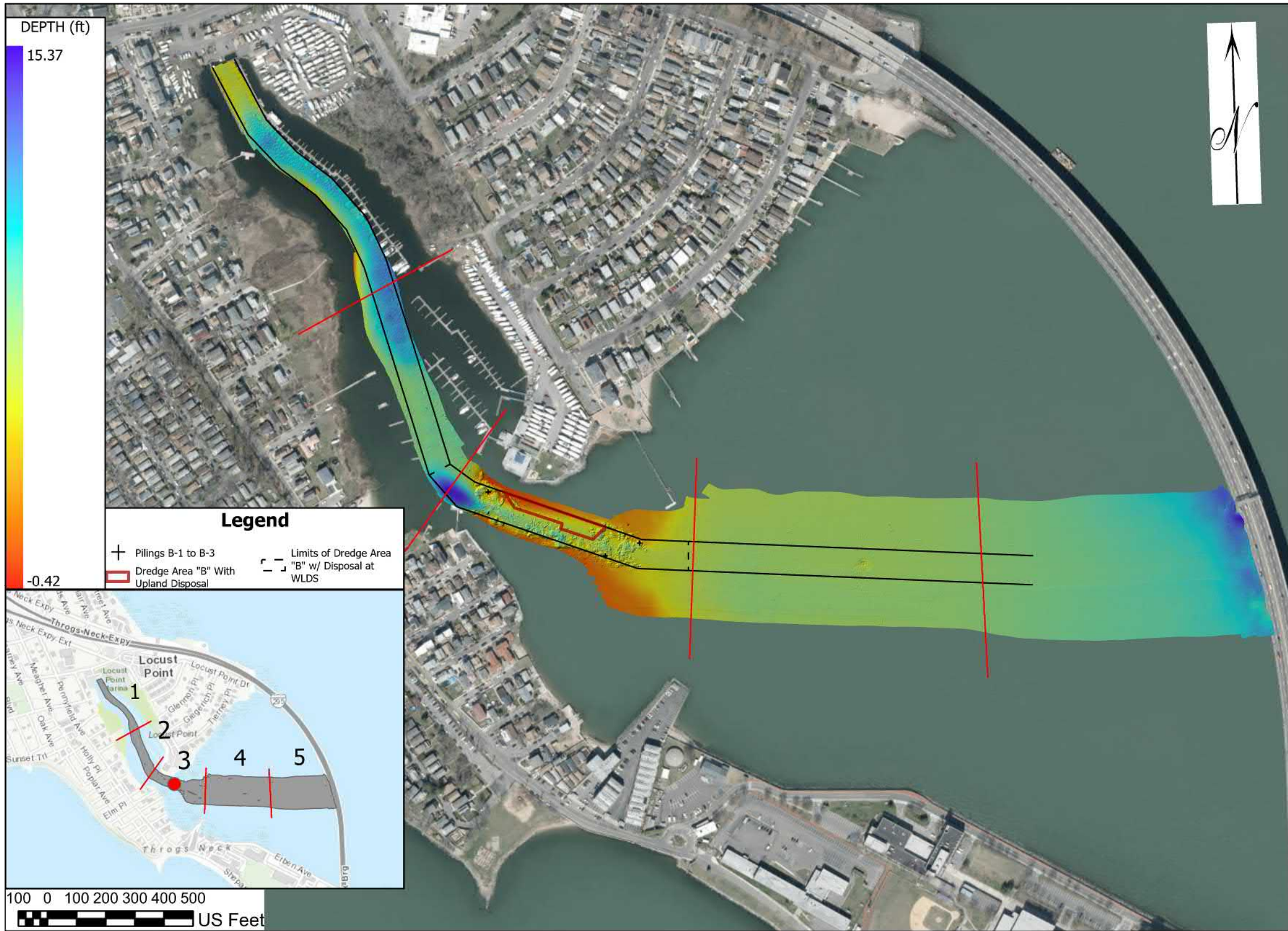
**Legend**



+	Pilings B-1 to B-3	□	Limits of Dredge Area "B" w/ Disposal at WLDS
□	Dredge Area "B" With Upland Disposal		



<b>PROJECT NUMBER</b> 123.006	<b>DRAWING NO. 1</b> SHEET NO. 5 OF 6
6390 Fly Road, East Syracuse, NY, 13057	





<b>HAMMOND COVE POST-DREDGE SURVEY NO. 1</b>	
SURVEYED BY:	TLM, TM
DRAWN BY:	EGH
SCALE:	1" = 100'-0"
DATE OF SURVEY:	JANUARY 19, 2023
COUNTY:	BRONX
DESCRIPTION:	
THE SURVEY WAS CONDUCTED USING AN R2SONIC 2024 MULTI-BEAM SONAR ONBOARD A 31-FOOT ALUMINUM CATAMARAN, APPLANIX POS-MV SURFMASTER, APPLANIX POS-PAC AND HYPACK 2021. POSITION, MOTION AND HEADING WERE ALL MEASURED AND RECORDED.	
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PROJECT NUMBER 123.006	DRAWING NO. 1 SHEET NO. 6 OF 6
  6390 Fly Road, East Syracuse, NY, 13057	