

# SUPPLEMENTAL PUBLIC NOTICE

US Army Corps  
of Engineers  
New York District  
Jacob K. Javits Federal Building  
New York, N.Y. 10278-0090  
ATTN: Regulatory Branch

**In replying refer to:**  
Public Notice Number: **NAN-2022-00311-EMI-A**  
Issue Date:  
Expiration Date:

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## To Whom It May Concern:

On December 21, 2022, the New York District, Corps of Engineers issued Public Notice number NAN-2022-00311-EMI concerning a proposal by the Town of Babylon for Ten-Year Maintenance Dredging, Bulkhead Replacement with Backfilling, and Breakwater Reconstruction pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344). The original public notice is available is at the following link: <https://www.nan.usace.army.mil/Missions/Regulatory/Regulatory-Public-Notices/Article/3250718/nan-2022-00311-emi/>

The New York District, Corps of Engineers has received an updated application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344). The purpose of this Supplemental Public Notice is to make available for public and agency review and comment the permit applicant's updated project proposal.

APPLICANT: Town of Babylon  
1023 North Indiana Ave  
Lindenhurst, New York 11757

ACTIVITY: Ten-Year Maintenance Dredging, Bulkhead Replacement with Backfilling, and Breakwater Reconstruction

WATERWAY: Grand Canal & Great South Bay

LOCATION: Lindenhurst, Town of Babylon, Suffolk County, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the

**CENAN-OP-RE**  
**PUBLIC NOTICE NO. NAN-2022-00311-EMI-A**

impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND EMAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. Comments provided will become part of the public record for this permit application. All written comments, including contact information, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by email is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The proposed work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations is being conducted and will be concluded prior to the final decision.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the

**CENAN-OP-RE**  
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guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and Waterfront Revitalization, Coastal Zone Management Program, One Commerce Plaza, 99 Washington Avenue, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. Please send all comments and questions concerning this application to [Christopher.W.Minck@usace.army.mil](mailto:Christopher.W.Minck@usace.army.mil).

In order for us to better serve you, please complete our Customer Service Survey located at <http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx>.

For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>.

**FOR AND IN BEHALF OF**  
Stephan A. Ryba  
Chief, Regulatory Branch

Enclosures

## **WORK DESCRIPTION**

The permit applicant, Town of Babylon, has requested Department of the Army (DA) authorization to reconstruct a bulkhead, conduct dredging, with ten-years maintenance with upland placement of dredged material or placement behind a new bulkhead, and construction of new breakwater structures. The project is located at Grand Canal, in the Town of Babylon, Suffolk County, New York.

The proposed work would involve the following:

### **Breakwaters:**

Construct two (2) new vinyl sheeting breakwaters extending seaward into Great South Bay at the entrance to Grand Canal. The breakwater on the western side will consist of approximately 65.5 linear feet of slotted breakwater around the circular portion of the canal entrance and approximately 130 linear feet of continuous vinyl sheet breakwater extending into Great South Bay. On the eastern side approximately 65.5 linear feet of slotted breakwater will be installed around the circular portion of the canal entrance and approximately 125 linear feet of vinyl sheet breakwater will be installed extending into Great South Bay. A five (5) pile dolphin will be installed at the seaward end of each breakwater.

### **Rialto Island Bulkhead:**

Remove the existing timber bulkhead and install approximately 132 linear feet of new breakwater sheeting around the octagonal Rialto Island.

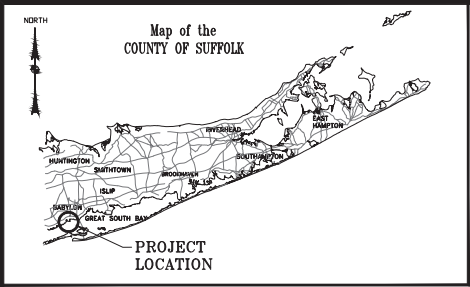
### **Dredging:**

Dredge, with ten-years maintenance, via hydraulic dredge, approximately 2,090 cubic yards of material from an approximately 28,488 square foot area within Grand Canal around Rialto Island. The western half of the dredge area (approximately 14,610 square feet; 1,012 cubic yards) will be dredged to a depth of 6 feet below the plane of Mean Low Water. The eastern half of the dredge area (approximately 14,878 square feet; 1,078 cubic yards) will be dredged to a depth of 7 feet below the plane of Mean Low Water, to allow for the placement of one-foot of clean capping material consisting of approximately 222 cubic yards of gravel and 222 cubic yards of clean sand over an approximately 11,976 square foot area. The dredged material would be pumped to the upland diked Combined Disposal Facility (CDF) at Tanner Park for dewatering and final disposal at a state approved upland facility.

The applicant plans to conduct five (5) additional dredging events within the ten-year maintenance dredging period removing a maximum of approximately 325 CY from within the same dredging area with placement location.

The applicant has stated that they have avoided, minimized, and mitigated for potential impacts proposed to the maximum extent practicable by limiting the dredged area to the minimum area required for safe and reasonable navigation of Grand Canal. Any potential impacts would be temporary and would be offset by implementing best management practices associated with the proposed use of a hydraulic dredge and floating pipeline. The use of a hydraulic dredge and floating pipeline would provide the cleanest and least obtrusive method for sediment removal and transport, minimizing to the greatest extent possible any potential adverse effects to the aquatic environment. Additionally, a turbidity curtain will be utilized around construction areas, as practicable.

The stated purpose of this project is to maintain safe navigable depths for vessel use in the waterway, restore the local historic Rialto Island and protect the canal channel.



THIS PROJECT IS LOCATED ON WEST LIDO PROMENADE,  
LINDENHURST

PREPARED BY:  
**LKMA** L. K. McLEAN ASSOCIATES, D.P.C.  
ENGINEERING & SURVEYING 437 SOUTH COUNTRY RD. BROOKHAVEN, NY 11719

ROBERT STEELE, P.E. - NYSPE Lic. No. 077397 DATE: \_\_\_\_\_

LETTING DATE: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

ENGINEER IN CHARGE: \_\_\_\_\_

COMPLETION DATE: \_\_\_\_\_

DESIGNED BY: \_\_\_\_\_

CHECKED BY: \_\_\_\_\_

DRAWN BY: \_\_\_\_\_

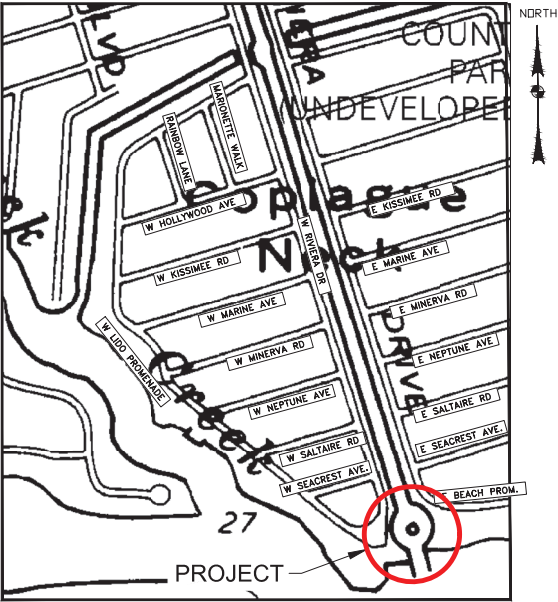
COMPARED BY: \_\_\_\_\_



TOWN OF BABYLON  
PRELIMINARY PLANS FOR  
CONTRACT NO. XXXX

PERMIT PLANS  
RIALTO ISLAND IMPROVEMENTS

APRIL 2024



LOCATION MAP

0 300  
SCALE IN FEET

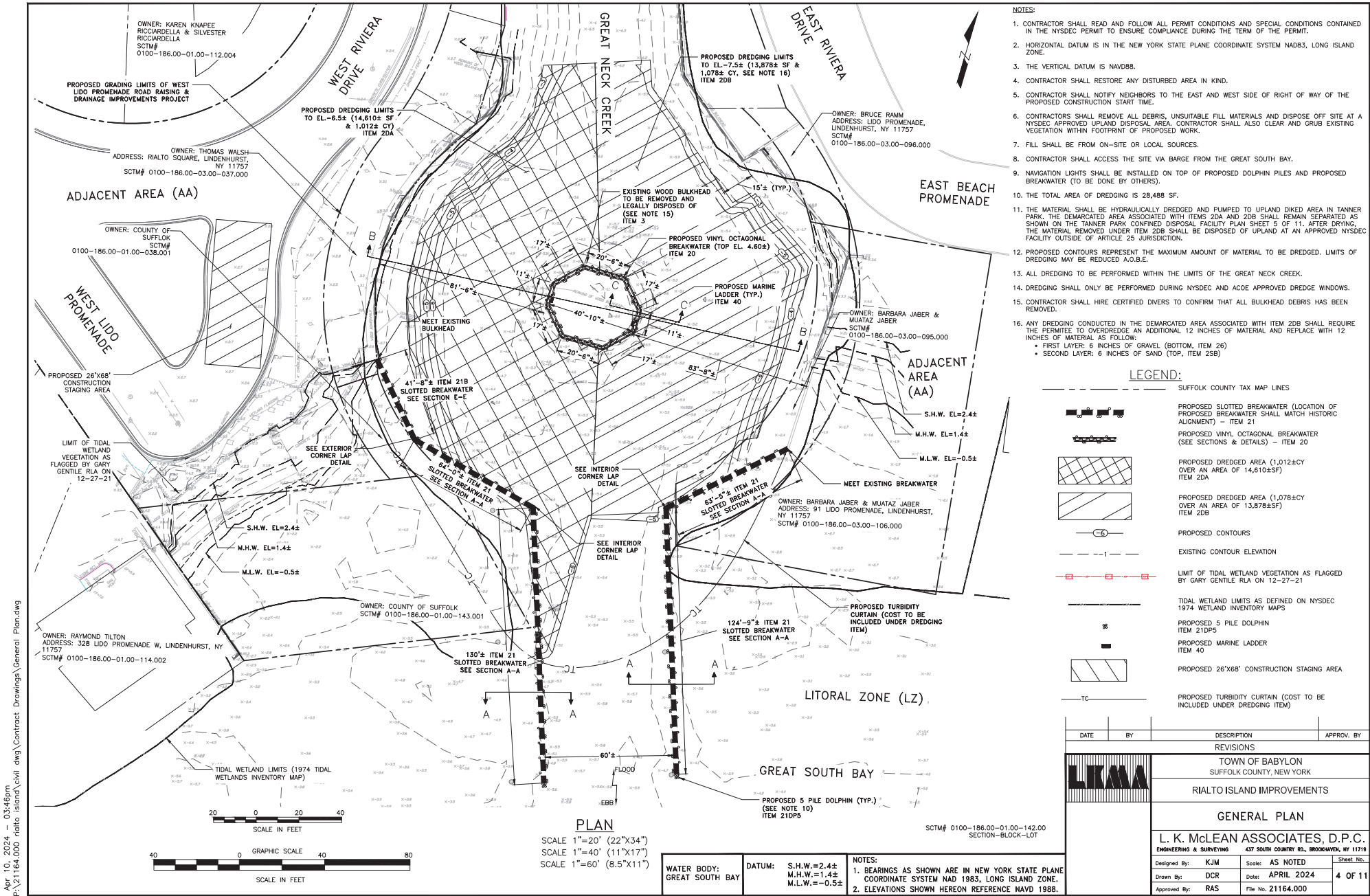
TABLE OF CONTENTS:

- 1-COVER SHEET
- 2-EXISTING CONDITIONS PLAN-1
- 3-EXISTING CONDITIONS PLAN-2
- 4-GENERAL PLAN
- 5-TANNER PARK CONFINED DISPOSAL FACILITY
- 6-MISCELLANEOUS DETAILS-1
- 7-MISCELLANEOUS DETAILS-2
- 8-MISCELLANEOUS DETAILS-3
- 9-MISCELLANEOUS DETAILS-4
- 10-MISCELLANEOUS DETAILS-5

Prepared under Article 6 - Section 116 of the Highway Law

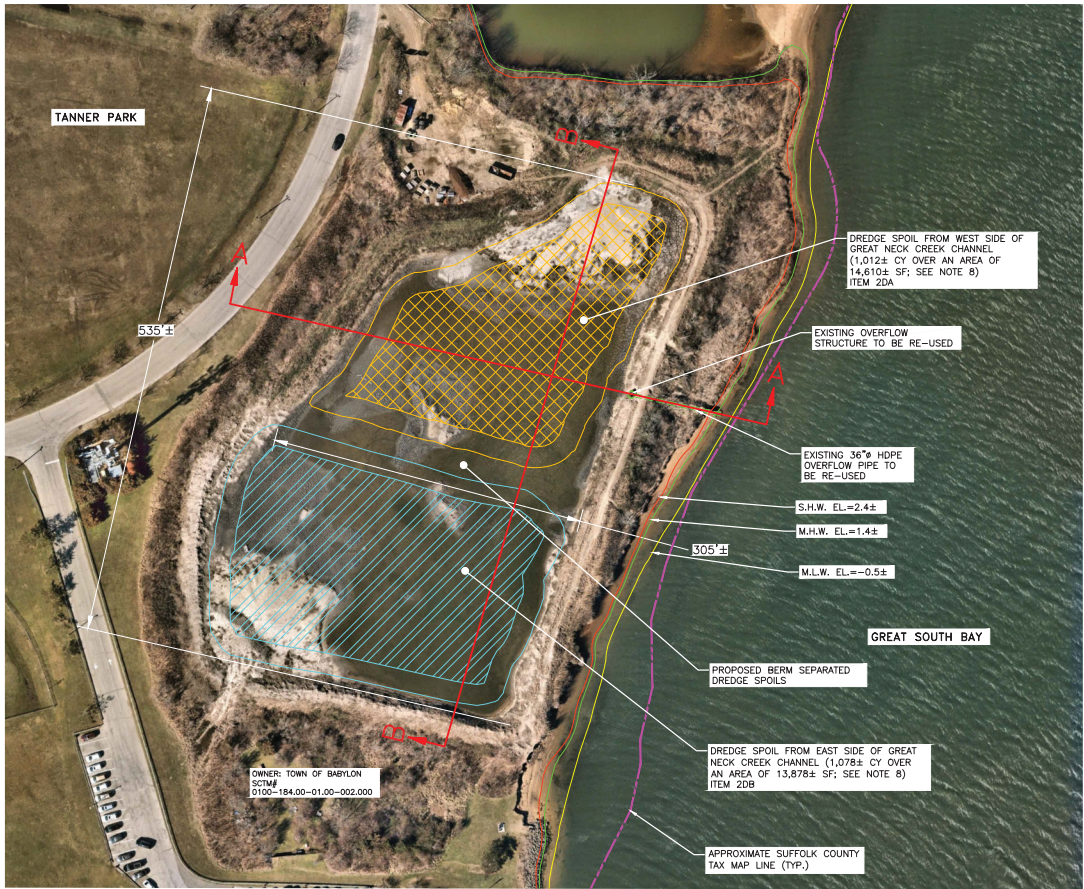
APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
VINCENT PICCOLI, COMMISSIONER

THE EDUCATION LAW OF THE STATE OF NEW YORK PROHIBITS ANY PERSON FROM ALTERING ANYTHING ON THE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATIONS, UNLESS IT'S UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, WHERE SUCH ALTERATIONS ARE MADE, THE PROFESSIONAL ENGINEER MUST SIGN AND SEAL, DATE AND DESCRIBE THE FULL EXTENT OF THE ALTERATION ON THE DRAWING AND/OR IN THE SPECIFICATION (NYS ED. LAW SECTION 7209-2).

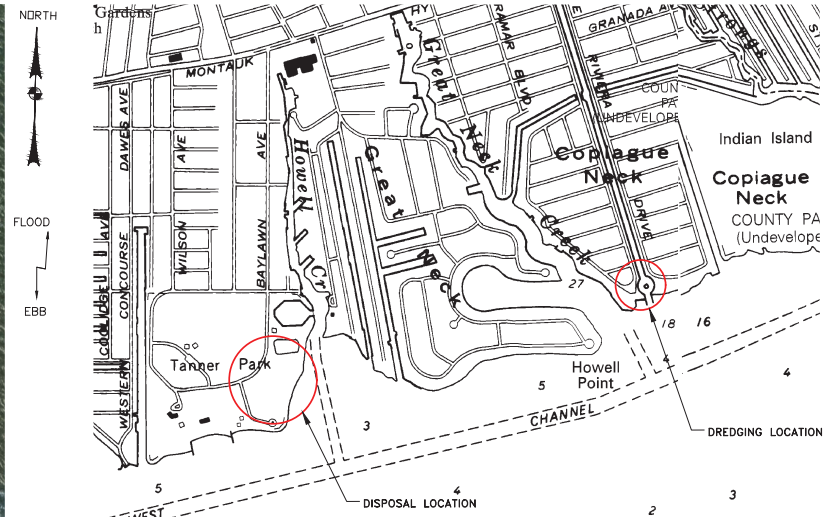




Apr. 10, 2024 - 03:46pm  
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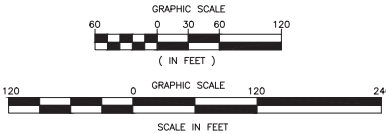


PLAN  
SCALE 1"=60' (22"x34")  
SCALE 1"=120' (11"x17")



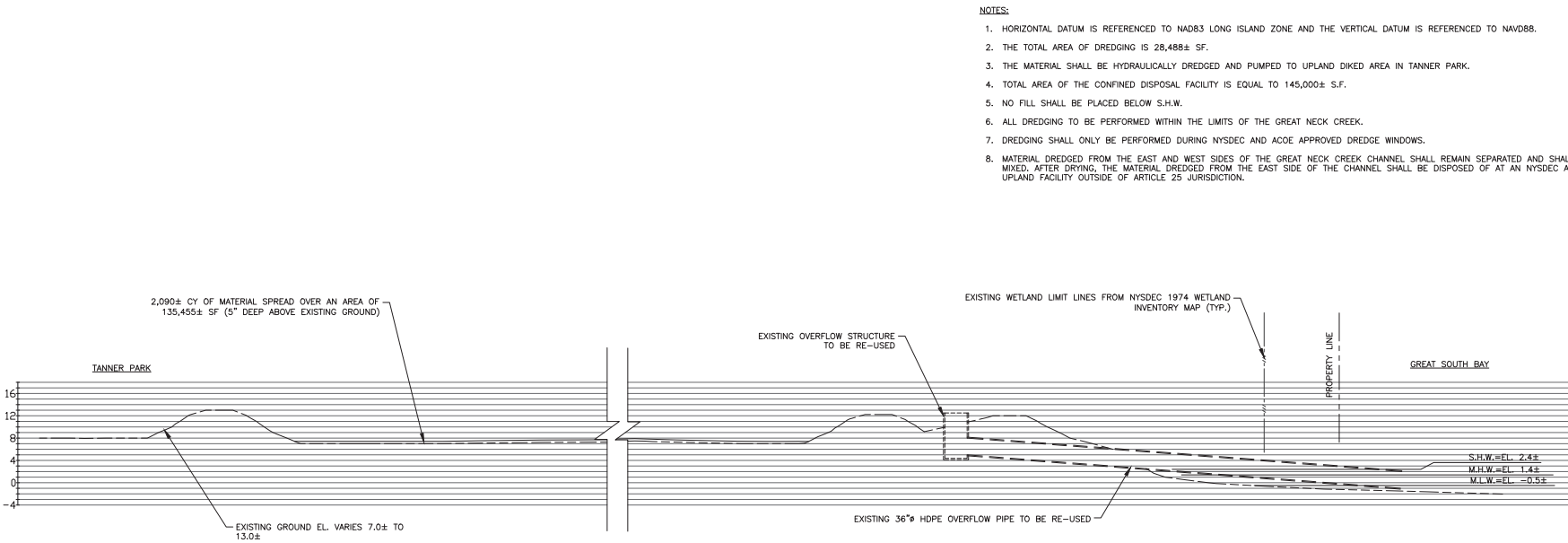
- NOTES:
1. HORIZONTAL DATUM IS REFERENCED TO NAD83 LONG ISLAND ZONE AND THE VERTICAL DATUM IS REFERENCED TO NAVD88.
  2. THE TOTAL AREA OF DREDGING IS 28,488± SF.
  3. THE MATERIAL SHALL BE HYDRAULICALLY DREDGED AND PUMPED TO UPLAND DIKED AREA IN TANNER PARK.
  4. TOTAL AREA OF THE CONFINED DISPOSAL FACILITY IS EQUAL TO 145,000± S.F.
  5. NO FILL SHALL BE PLACED BELOW S.H.W.
  6. ALL DREDGING TO BE PERFORMED WITHIN THE LIMITS OF THE GREAT NECK CREEK.
  7. DREDGING SHALL ONLY BE PERFORMED DURING NYSDEC AND ACOE APPROVED DREDGE WINDOWS.
  8. MATERIAL DREDGED FROM THE EAST AND WEST SIDES OF THE GREAT NECK CREEK CHANNEL SHALL REMAIN SEPARATED AND SHALL NOT BE MIXED. AFTER DRYING, THE MATERIAL DREDGED FROM THE EAST SIDE OF THE CHANNEL SHALL BE DISPOSED OF AT AN NYSDEC APPROVED UPLAND FACILITY OUTSIDE OF ARTICLE 25 JURISDICTION.

- LEGEND:
- DREDGE SPOIL FROM WEST SIDE OF GREAT NECK CREEK CHANNEL (1,012± CY OVER AN AREA OF 14,610± SF; SEE NOTE 8) ITEM 2DA
  - DREDGE SPOIL FROM EAST SIDE OF GREAT NECK CREEK CHANNEL (1,078± CY OVER AN AREA OF 13,878± SF; SEE NOTE 8) ITEM 2DB
  - APPROXIMATE SUFFOLK COUNTY TAX MAP LINE
- SCTM# 0100-184.00-01.00-002.00  
SECTION-BLOCK-LOT

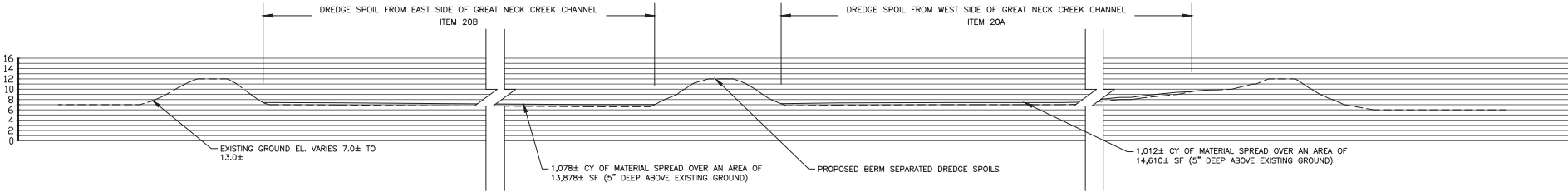


WATER BODY: GREAT SOUTH BAY	DATUM: S.H.W.=2.4± M.H.W.=1.4± M.L.W.=−0.5±	NOTES: 1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE. 2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.
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DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF BABYLON SUFFOLK COUNTY, NEW YORK			
RIALTO ISLAND IMPROVEMENTS			
TANNER PARK CONFINED DISPOSAL FACILITY			
L. K. McLEAN ASSOCIATES, D.P.C.			
ENGINEERING & SURVEYING		437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719	
Designed By:	KJM	Scale:	AS NOTED
Drawn By:	DCR	Date:	APRIL 2024
Approved By:	RAS	File No.	21164.000
			Sheet No. 5 OF 11



SECTION A-A  
SCALE 1"=10' (22"x34")  
SCALE 1"=20' (11"x17")



SECTION B-B  
SCALE 1"=10' (22"x34")  
SCALE 1"=20' (11"x17")

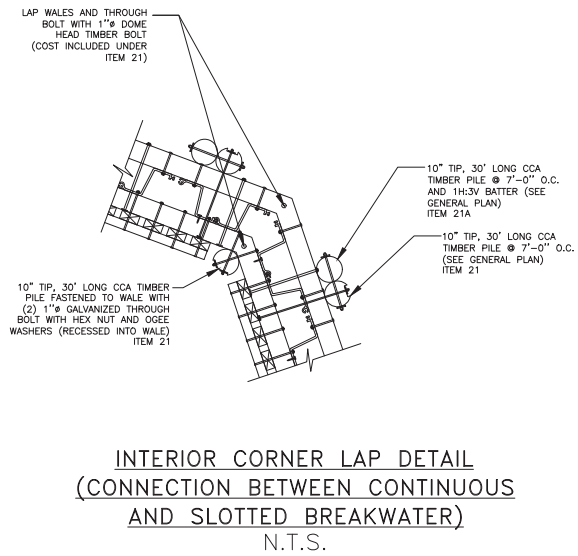
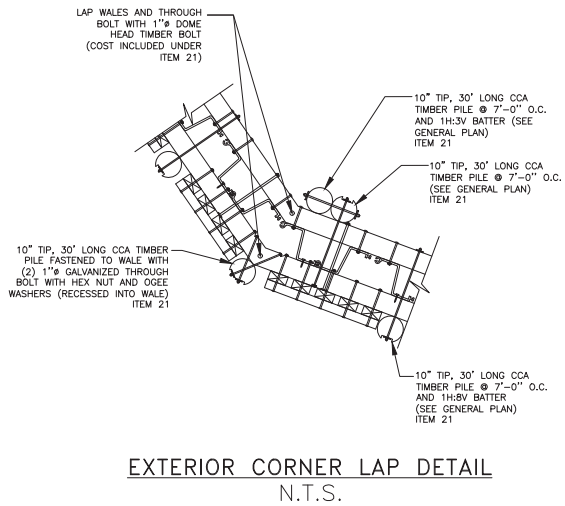
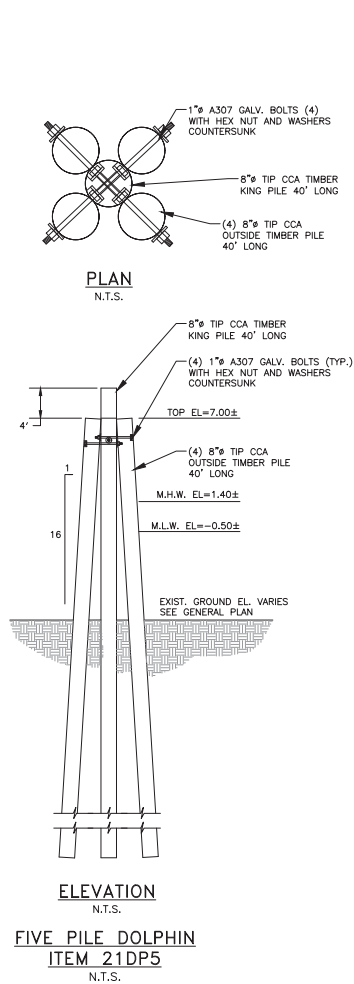
WATER BODY: GREAT SOUTH BAY	DATUM:	S.H.W.=2.4± M.H.W.=1.4± M.L.W.=-0.5±	NOTES: 1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE. 2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF BABYLON SUFFOLK COUNTY, NEW YORK			
RIALTO ISLAND IMPROVEMENTS			
CONFINED DISPOSAL FACILITY SECTIONS			
L. K. McLEAN ASSOCIATES, D.P.C.			
ENGINEERING & SURVEYING 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale:	AS NOTED
Drawn By:	DCR	Date:	APRIL 2024
Approved By:	RAS	File No.	21164.000
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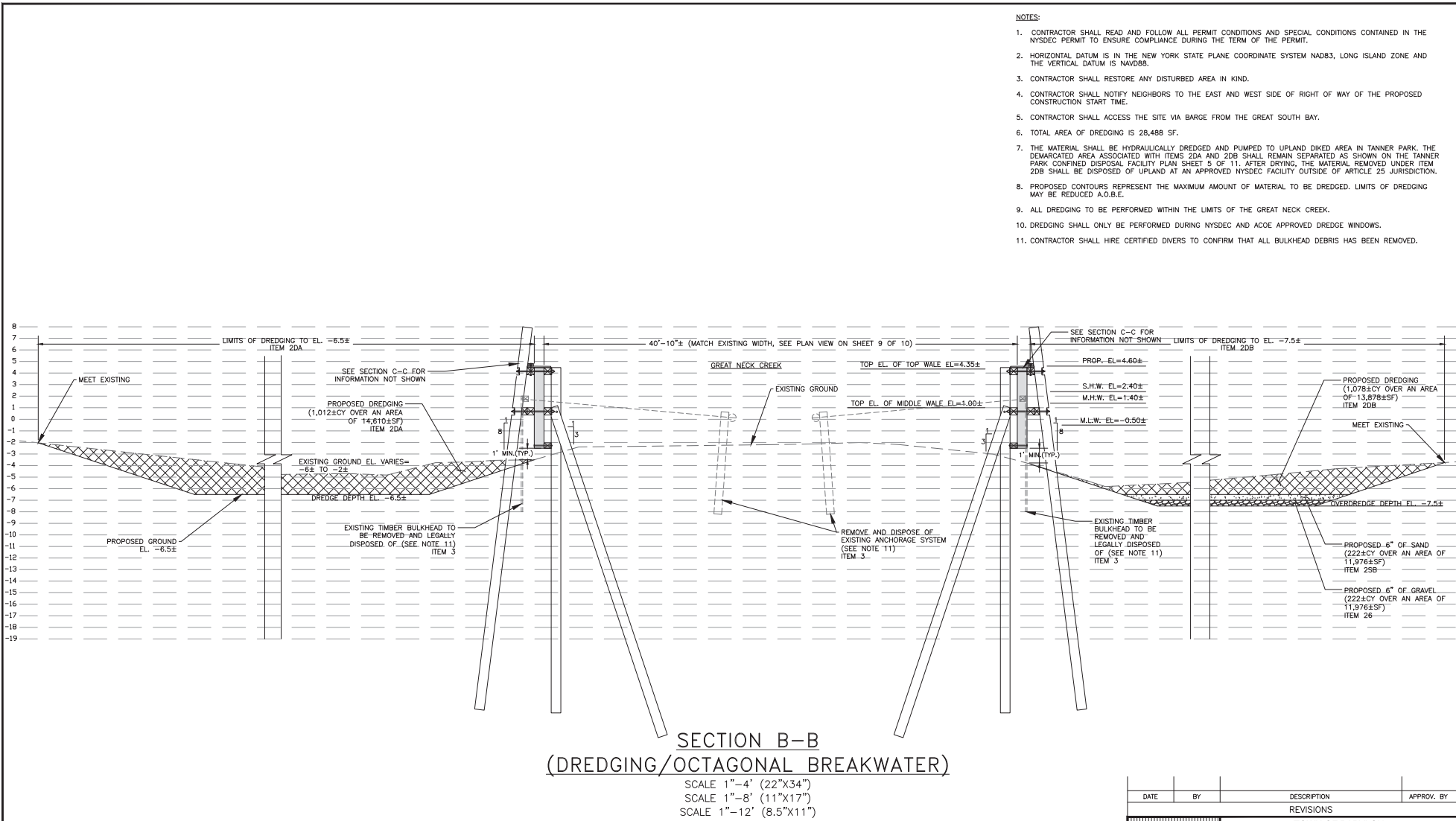


WATER BODY: GREAT SOUTH BAY	DATUM:	S.H.W.=2.4±	NOTES: 1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE. 2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.
		M.H.W.=1.4± M.L.W.=-0.5±	

DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF BABYLON SUFFOLK COUNTY, NEW YORK			
RIALTO ISLAND IMPROVEMENTS			
MISCELLANEOUS DETAILS-2			
L. K. McLEAN ASSOCIATES, D.P.C.			
ENGINEERING & SURVEYING 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By:	KJM	Scale:	AS NOTED
Drawn By:	DCR	Date:	APRIL 2024
Approved By:	RAS	File No.	21164.000
			Sheet No. 8 OF 11

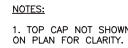
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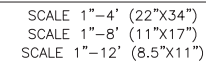


WATER BODY: GREAT SOUTH BAY	DATUM: S.H.W.=2.4± M.H.W.=1.4± M.L.W.=-0.5±	NOTES: 1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE. 2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.
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DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF BABYLON SUFFOLK COUNTY, NEW YORK			
RIALTO ISLAND IMPROVEMENTS			
MISCELLANEOUS DETAILS-3			
L. K. McLEAN ASSOCIATES, D.P.C.			
ENGINEERING & SURVEYING 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By: KJM	Scale: AS NOTED	Sheet No.	
Drawn By: DCR	Date: APRIL 2024	9 OF 11	
Approved By: RAS	File No. 21164.000		

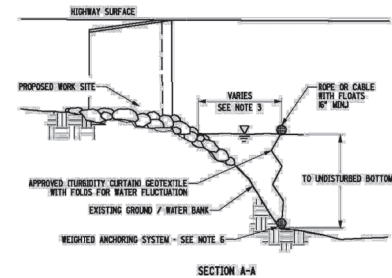
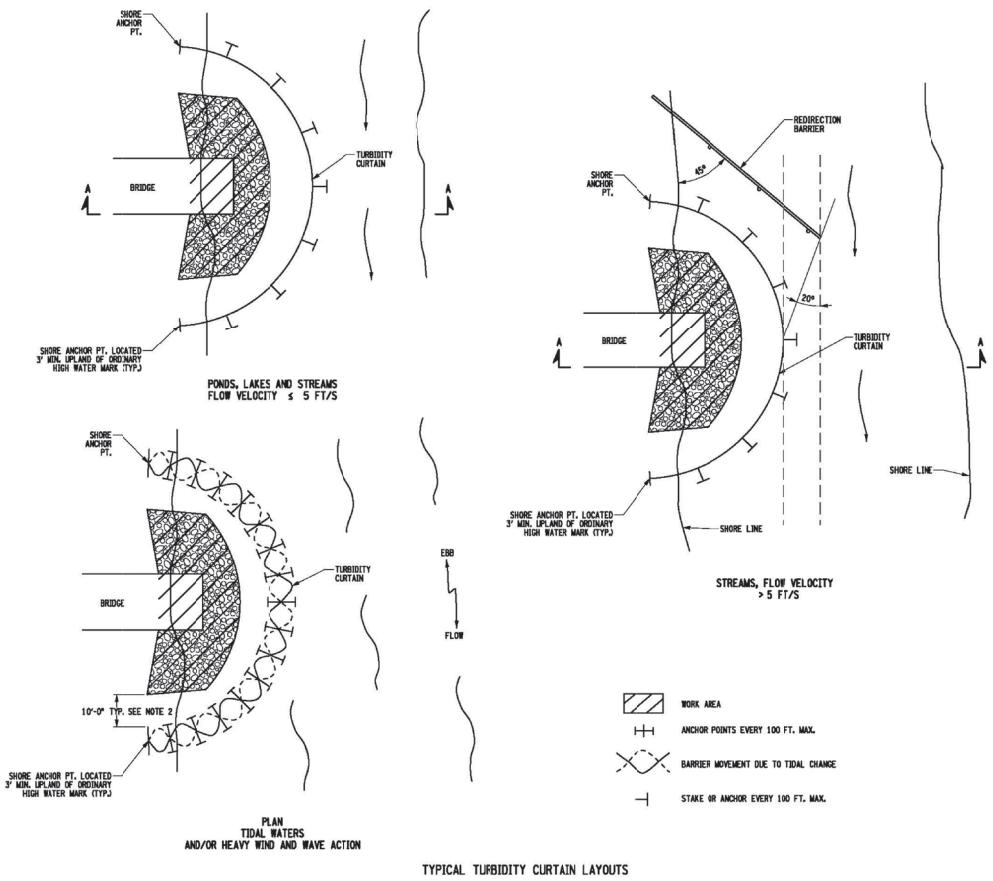


1. CONTRACTOR SHALL READ AND FOLLOW ALL PERMIT CONDITIONS AND SPECIAL CONDITIONS CONTAINED IN THE NYSDC PERMIT TO ENSURE COMPLIANCE DURING THE TERM OF THE PERMIT.
2. HORIZONTAL DATUM IS IN THE NEW YORK STATE PLANE COORDINATE SYSTEM NAD83, LONG ISLAND ZONE AND THE VERTICAL DATUM IS NAVD88.
3. CONTRACTOR SHALL RESTORE ANY DISTURBED AREA IN KIND.
4. CONTRACTOR SHALL NOTIFY NEIGHBORS TO THE EAST AND WEST SIDE OF RIGHT OF WAY OF THE PROPOSED CONSTRUCTION START TIME.
5. CONTRACTOR SHALL ACCESS THE SITE VIA BARGE FROM THE GREAT SOUTH BAY.
6. THE TOTAL AREA OF DREDGING IS 28,488 SF.
7. THE MATERIAL SHALL BE HYDRAULICALLY DREDGED AND PUMPED TO UPLAND DIKED AREA IN TANNER PARK.
8. PROPOSED CONTOURS REPRESENT THE MAXIMUM AMOUNT OF MATERIAL TO BE DREDGED. LIMITS OF DREDGING MAY BE REDUCED A.O.B.E.
9. ALL DREDGING TO BE PERFORMED WITHIN THE LIMITS OF THE GREAT NECK CREEK.
10. DREDGING SHALL ONLY BE PERFORMED DURING NYSDC AND ACOE APPROVED DREDGE WINDOWS.
11. CONTRACTOR SHALL HIRE CERTIFIED DIVERS TO CONFIRM THAT ALL BULKHEAD DEBRIS HAS BEEN REMOVED.



WATER BODY: GREAT SOUTH BAY	DATUM: S.H.W.=2.4± M.H.W.=1.4± M.L.W.= -0.5±	NOTES: 1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE. 2. ELEVATIONS SHOWN HEREON REFERENCE NAD 1988.	ENGINEERING & SURVEY, INC.	10%	Sheet No.
			Designed by: KJM Drawn by: DCR Approved by: RAS	Scale: AS NOTED Date: APRIL 2024 File No: 21164.000	10 OF 11





- GENERAL NOTES FOR TURBIDITY CURTAIN:**
1. TURBIDITY CURTAIN SHALL BE A MAXIMUM OF 100' LONG FOR EACH SECTION OF CURTAIN REQUIRED. END SECTIONS SHALL TERMINATE 10' BEYOND THE LIMIT OF DISTURBANCE.
  2. THE TURBIDITY CURTAIN SHALL BE PLACED AS CLOSE TO THE WORK AS POSSIBLE WITHOUT INTERFERING WITH CONSTRUCTION OPERATIONS.
  3. THE CONTRACTOR SHALL CONTINUALLY MONITOR THE INSTALLATION, TAKING INTO ACCOUNT WEATHER PATTERNS AND PREVAILING WIND DIRECTIONS THAT MAY AFFECT WATER LEVELS, VELOCITY AND MOVEMENT OF THE TURBIDITY CURTAIN. REMOVE THE TURBIDITY CURTAIN 72 HOURS AFTER THE LAST ACTIVE CONSTRUCTION ACTIVITY, WHERE EROSION/EXCAVATION HAS BEEN STOPPED. NO ADDITIONAL COST WILL BE PAID FOR THE RE-INSTALLATION. IF THE CONTRACTOR DECIDES TO LEAVE THE TURBIDITY CURTAIN IN PLACE DURING STORMS, FREEZING WEATHER OR EXTREME WEATHER PERIODS HE SHALL HAVE A PERSON ON SITE TO MONITOR THE INTEGRITY AND FUNCTION ABILITY OF THE CURTAIN.
  4. THE TURBIDITY CURTAIN SHALL BE REMOVED BY PULLING TOWARD THE SHORE TO MINIMIZE THE ESCAPE OF SEDIMENTS INTO THE WATERWAY.
  5. FOR FLOW VELOCITIES > 5 FT/SEC, USE A REDIRECTION BARRIER SUCH THAT THE FLOW EXPANDING AT 20° FROM THE BARRIER WILL REACH THE CURTAIN AT A POINT WHERE THE CURTAIN IS ESSENTIAL TO STREAM FLOW.
  6. ALL TURBIDITY CURTAINS SHALL BE INSTALLED AS PER THE MANUFACTURER'S RECOMMENDATIONS AND AS DIRECTED BY THE TOWN OF HEMPSTEAD'S ENGINEER.

- APPLICATION NOTES FOR TURBIDITY CURTAIN:**
- A. THE PURPOSE OF A TURBIDITY CURTAIN IS TO SEPARATE WORK AREAS IN OR ADJACENT TO WATERWAYS, TO PREVENT TURBIDITY FROM ENTERING THE WATERWAY.
  - B. TURBIDITY CURTAIN SHALL NOT BE PLACED ACROSS A FLOWING WATERWAY.
  - C. CONCENTRATED FLOW OUTLETS SUCH AS CULVERT OUTLETS, DITCHES, ETC. SHALL NOT BE LOCATED BEHIND THE TURBIDITY CURTAIN.

**TURBIDITY CURTAIN DETAILS**  
(COST TO BE INCLUDED UNDER  
OTHER ITEMS IN CONTRACT)  
B.T.S.

WATER BODY: GREAT SOUTH BAY	DATUM: S.H.W.=2.4± M.H.W.=1.4± M.L.W.=−0.5±	NOTES: 1. BEARINGS AS SHOWN ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM NAD 1983, LONG ISLAND ZONE. 2. ELEVATIONS SHOWN HEREON REFERENCE NAVD 1988.
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DATE	BY	DESCRIPTION	APPROV. BY
REVISIONS			
TOWN OF BABYLON SUFFOLK COUNTY, NEW YORK			
RIALTO ISLAND IMPROVEMENTS			
MISCELLANEOUS DETAILS-5			
L. K. McLEAN ASSOCIATES, D.P.C.			
ENGINEERING & SURVEYING 437 SOUTH COUNTRY RD., BROOKHAVEN, NY 11719			
Designed By: KJM	Scale: AS NOTED	Sheet No. 11 OF 11	
Drawn By: DCR	Date: APRIL 2024		
Approved By: RAS	File No. 21164.000		

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