



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-2024-00663-ENE**
Issue Date:
Expiration Date:

To Whom It May Concern:

The New York District, Corps of Engineers has received an 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).

APPLICANT: Suffolk County Department of Public Works
335 Yaphank Avenue
Yaphank, New York 11980

ACTIVITY: Ten-Year Maintenance Dredging with Beach Placement

WATERWAY: East Creek

LOCATION: Town of Riverhead, 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 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,

CENAN-OP-RE
PUBLIC NOTICE NO. NAN-2024-00663-ENE

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 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

CENAN-OP-RE
PUBLIC NOTICE NO. NAN-2024-00663-ENE

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 lindsey.neuwirth@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

WORK DESCRIPTION

The permit applicant, Suffolk County Department of Public Works (SCDPW), has requested Department of the Army (DA) authorization to conduct dredging, with ten-years maintenance with placement of all resultant dredged material at designated beach placement areas. The project is located at East Creek in the Town of Riverhead, Suffolk County, New York.

The proposed work would involve the following:

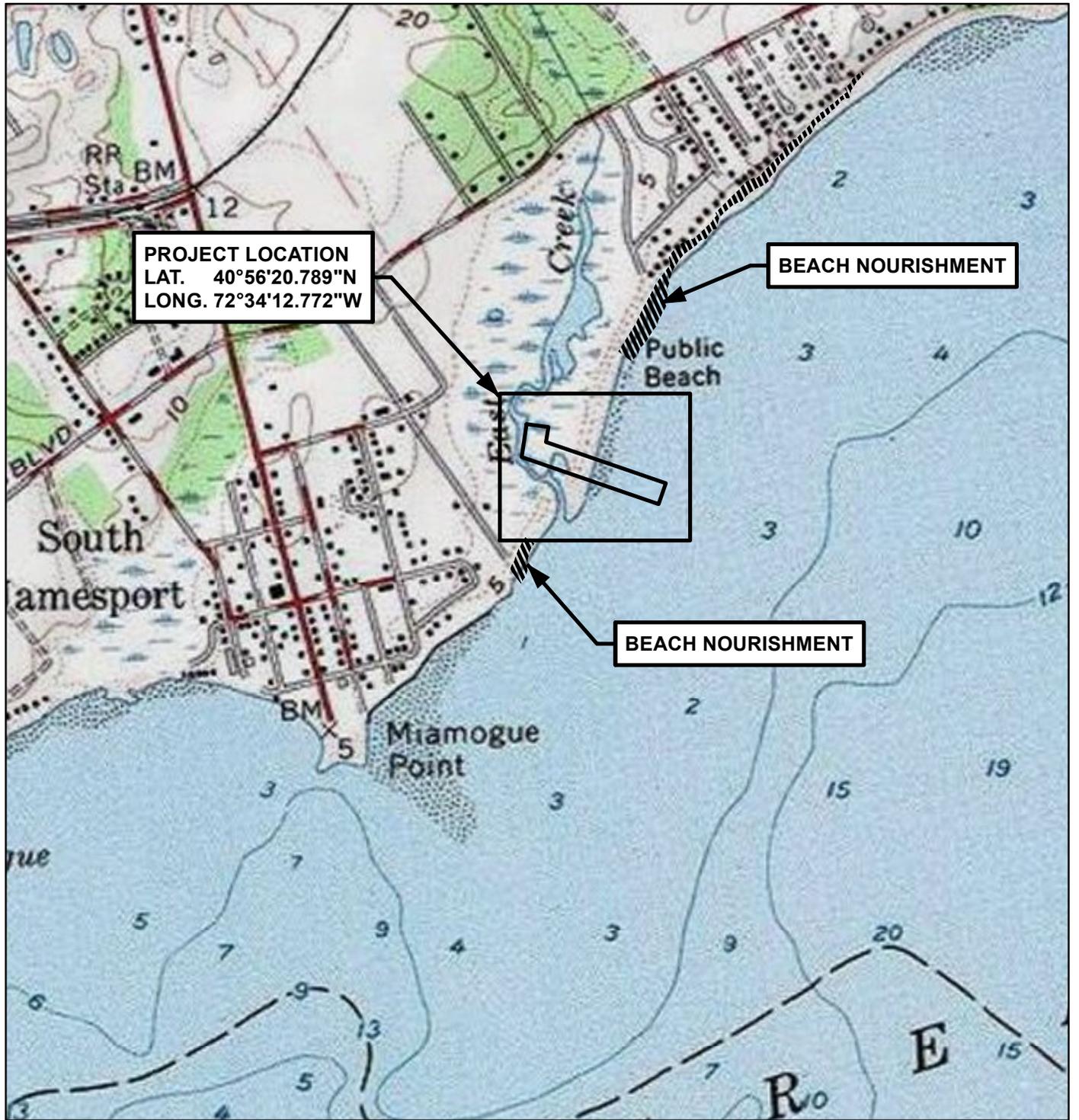
Maintenance dredge with ten-years maintenance, by hydraulic dredge, approximately 8,000 cubic yards (CY) of sand from an approximately 165,000 square foot area consisting of an approximately 150-foot-wide by 1,100-foot-long channel to a depth of eight feet below the plane of Mean Low Water (MLW). The approximate slope of the channel would be 1 to 3. The dredged material would be placed at beach nourishment areas to the northeast and southwest of the channel.

Assuming the maximum of approximately 8,000 CY of material is placed along the northeast beach, approximately 5,700 CY of material would be placed along an approximately 2,600 linear foot stretch of beach over approximately 109,200 square feet below the plane of Spring High Water (SHW). Assuming the maximum of 6,000 CY is placed along the southwest beach, approximately 2,700 CY would be placed along an approximately 270 linear foot stretch of beach over approximately 24,300 square feet below the plane of SHW.

The applicant plans to conduct nine (9) additional dredging events within the ten-year maintenance dredging period removing a maximum of approximately 8,000 CY per event, from within the same dredging area with the same beach placement areas.

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 East Creek. 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.

The stated purpose of this project is to maintain safe navigable depths for vessel use in the waterway.



SOURCE: METTITUCK USGS QUADRANGLE.



GEI CONSULTANTS, INC., P. C.
HUNTINGTON STATION, NEW YORK

APPLICATION BY COUNTY OF SUFFOLK
CHARLES BARTHA, P.E.
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS

MAINTENANCE DREDGING AT:

EAST CREEK

TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

DATE: JULY 2024

SHEET 1 OF 7



SOURCE: ESRI IMAGERY (MAY, 2023).



GEI CONSULTANTS, INC., P. C.
HUNTINGTON STATION, NEW YORK

APPLICATION BY COUNTY OF SUFFOLK
CHARLES BARTHA, P.E.
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS

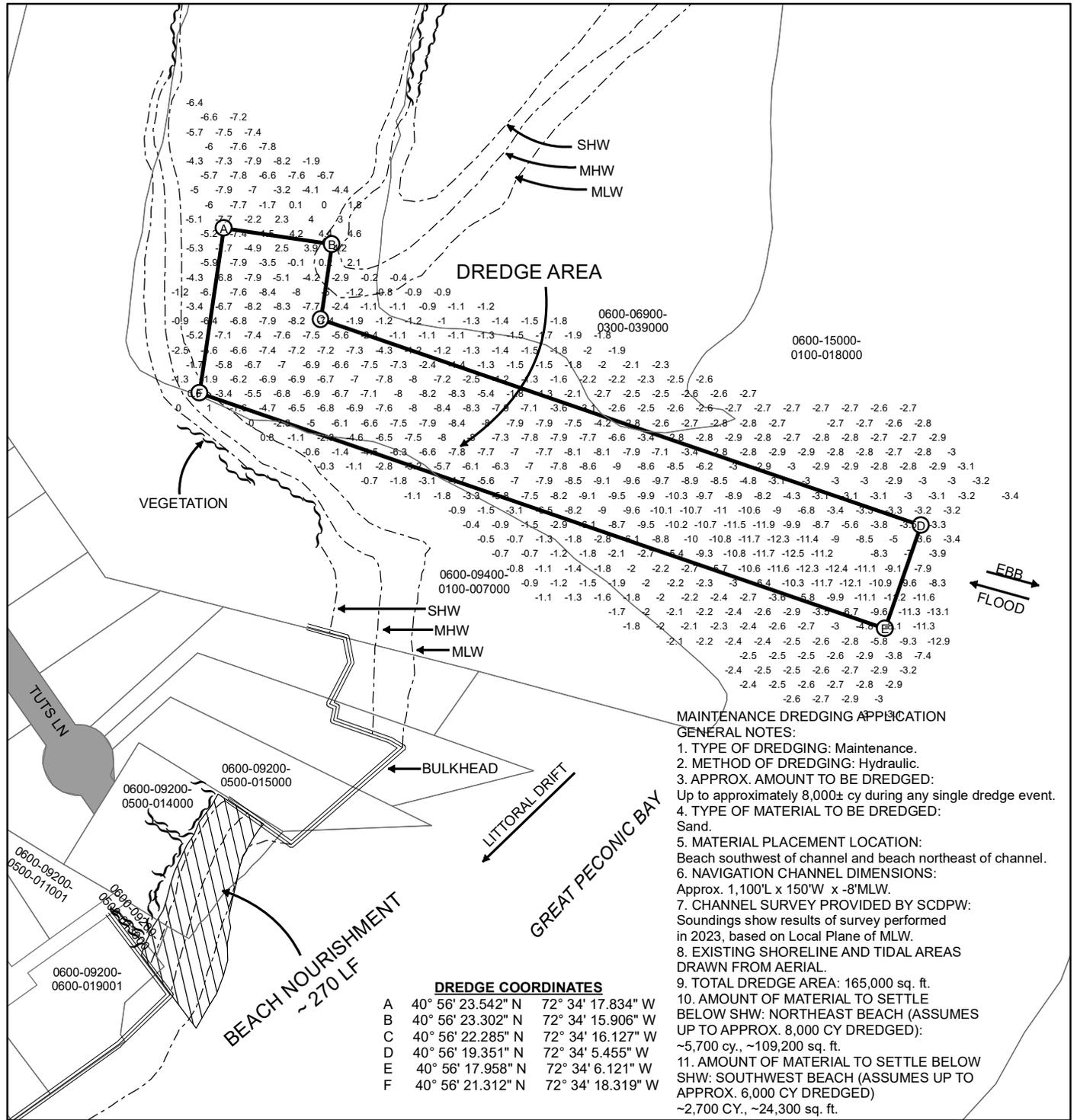
MAINTENANCE DREDGING AT:

EAST CREEK

TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

DATE: JULY 2024

SHEET 2 OF 7



MAINTENANCE DREDGING APPLICATION

GENERAL NOTES:

1. TYPE OF DREDGING: Maintenance.
2. METHOD OF DREDGING: Hydraulic.
3. APPROX. AMOUNT TO BE DREDGED: Up to approximately 8,000± cy during any single dredge event.
4. TYPE OF MATERIAL TO BE DREDGED: Sand.
5. MATERIAL PLACEMENT LOCATION: Beach southwest of channel and beach northeast of channel.
6. NAVIGATION CHANNEL DIMENSIONS: Approx. 1,100'L x 150'W x -8'MLW.
7. CHANNEL SURVEY PROVIDED BY SCDPW: Soundings show results of survey performed in 2023, based on Local Plane of MLW.
8. EXISTING SHORELINE AND TIDAL AREAS DRAWN FROM AERIAL.
9. TOTAL DREDGE AREA: 165,000 sq. ft.
10. AMOUNT OF MATERIAL TO SETTLE BELOW SHW: NORTHEAST BEACH (ASSUMES UP TO APPROX. 8,000 CY DREDGED): ~5,700 cy., ~109,200 sq. ft.
11. AMOUNT OF MATERIAL TO SETTLE BELOW SHW: SOUTHWEST BEACH (ASSUMES UP TO APPROX. 6,000 CY DREDGED) ~2,700 CY., ~24,300 sq. ft.

DREDGE COORDINATES

A	40° 56' 23.542" N	72° 34' 17.834" W
B	40° 56' 23.302" N	72° 34' 15.906" W
C	40° 56' 22.285" N	72° 34' 16.127" W
D	40° 56' 19.351" N	72° 34' 5.455" W
E	40° 56' 17.958" N	72° 34' 6.121" W
F	40° 56' 21.312" N	72° 34' 18.319" W



GEI CONSULTANTS, INC., P. C.
HUNTINGTON STATION, NEW YORK

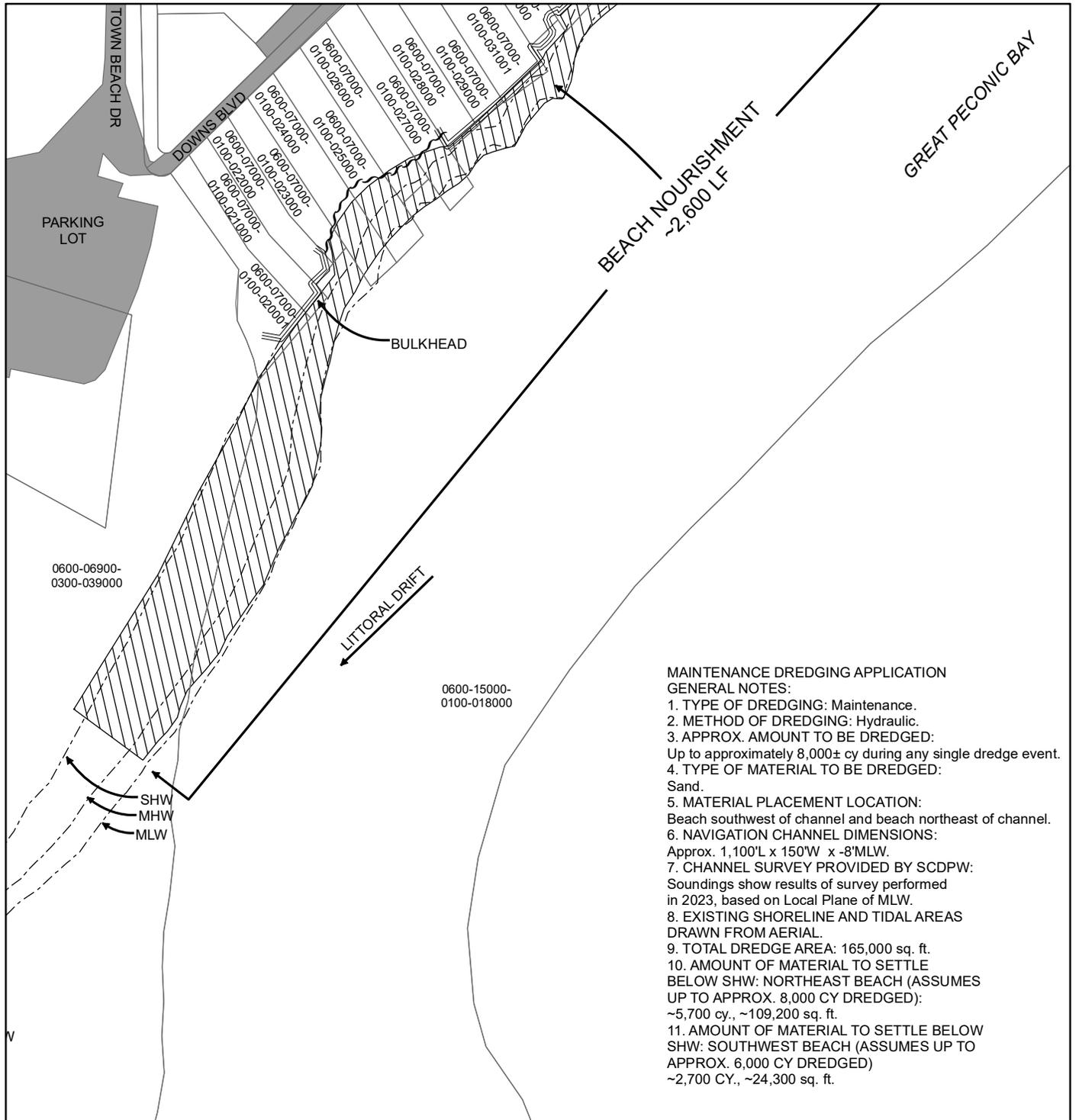
APPLICATION BY COUNTY OF SUFFOLK
CHARLES BARTHA, P.E.
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS

**MAINTENANCE DREDGING AT:
EAST CREEK**

TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

DATE: JULY 2024 REV

SHEET 3 OF 7



MAINTENANCE DREDGING APPLICATION
GENERAL NOTES:

1. TYPE OF DREDGING: Maintenance.
2. METHOD OF DREDGING: Hydraulic.
3. APPROX. AMOUNT TO BE DREDGED:
Up to approximately 8,000± cy during any single dredge event.
4. TYPE OF MATERIAL TO BE DREDGED:
Sand.
5. MATERIAL PLACEMENT LOCATION:
Beach southwest of channel and beach northeast of channel.
6. NAVIGATION CHANNEL DIMENSIONS:
Approx. 1,100'L x 150'W x -8'MLW.
7. CHANNEL SURVEY PROVIDED BY SCDPW:
Soundings show results of survey performed in 2023, based on Local Plane of MLW.
8. EXISTING SHORELINE AND TIDAL AREAS DRAWN FROM AERIAL.
9. TOTAL DREDGE AREA: 165,000 sq. ft.
10. AMOUNT OF MATERIAL TO SETTLE BELOW SHW: NORTHEAST BEACH (ASSUMES UP TO APPROX. 8,000 CY DREDGED):
~5,700 cy., ~109,200 sq. ft.
11. AMOUNT OF MATERIAL TO SETTLE BELOW SHW: SOUTHWEST BEACH (ASSUMES UP TO APPROX. 6,000 CY DREDGED):
~2,700 CY., ~24,300 sq. ft.



GEI CONSULTANTS, INC., P. C.
 HUNTINGTON STATION, NEW YORK

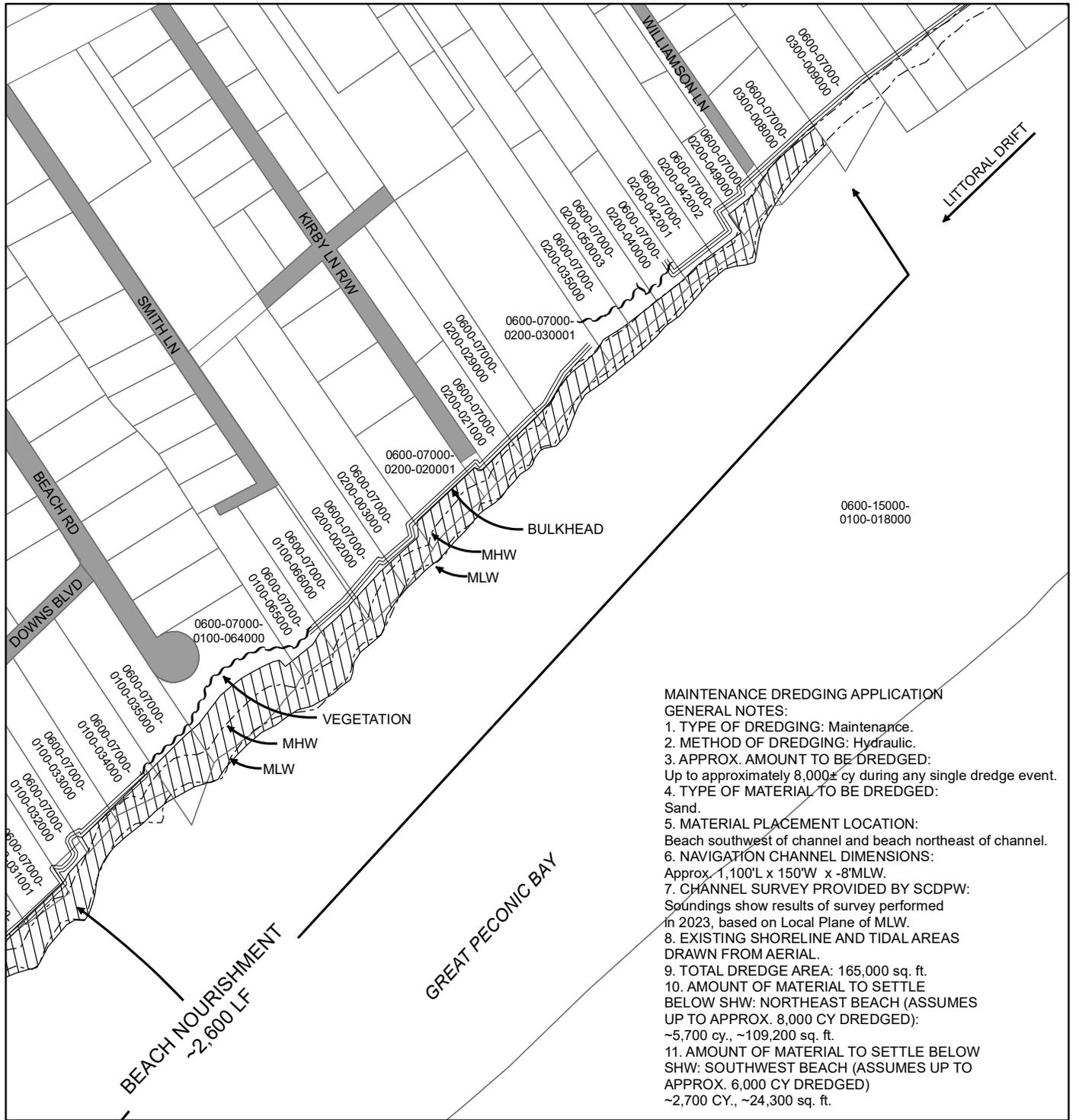
APPLICATION BY COUNTY OF SUFFOLK
 CHARLES BARTHA, P.E.
 COMMISSIONER
 DEPARTMENT OF PUBLIC WORKS

MAINTENANCE DREDGING AT:
EAST CREEK

TOWN OF RIVERHEAD
 SUFFOLK COUNTY, NEW YORK

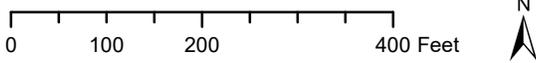
DATE: JULY 2024 REV

SHEET 4 OF 7



MAINTENANCE DREDGING APPLICATION
GENERAL NOTES:

1. TYPE OF DREDGING: Maintenance.
2. METHOD OF DREDGING: Hydraulic.
3. APPROX. AMOUNT TO BE DREDGED:
Up to approximately 8,000± cy during any single dredge event.
4. TYPE OF MATERIAL TO BE DREDGED:
Sand.
5. MATERIAL PLACEMENT LOCATION:
Beach southwest of channel and beach northeast of channel.
6. NAVIGATION CHANNEL DIMENSIONS:
Approx. 1,100'L x 150'W x -8'MLW.
7. CHANNEL SURVEY PROVIDED BY SCDPW:
Soundings show results of survey performed in 2023, based on Local Plane of MLW.
8. EXISTING SHORELINE AND TIDAL AREAS DRAWN FROM AERIAL.
9. TOTAL DREDGE AREA: 165,000 sq. ft.
10. AMOUNT OF MATERIAL TO SETTLE BELOW SHW: NORTHEAST BEACH (ASSUMES UP TO APPROX. 8,000 CY DREDGED):
~5,700 cy., ~109,200 sq. ft.
11. AMOUNT OF MATERIAL TO SETTLE BELOW SHW: SOUTHWEST BEACH (ASSUMES UP TO APPROX. 6,000 CY DREDGED)
~2,700 CY., ~24,300 sq. ft.



GEI Consultants
 GEI CONSULTANTS, INC., P. C.
 HUNTINGTON STATION, NEW YORK

APPLICATION BY COUNTY OF SUFFOLK
 CHARLES BARTHA, P.E.
 COMMISSIONER
 DEPARTMENT OF PUBLIC WORKS

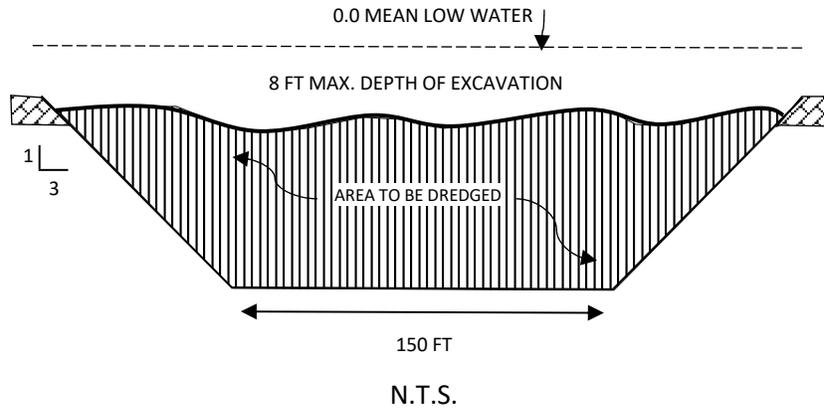
MAINTENANCE DREDGING AT:

EAST CREEK

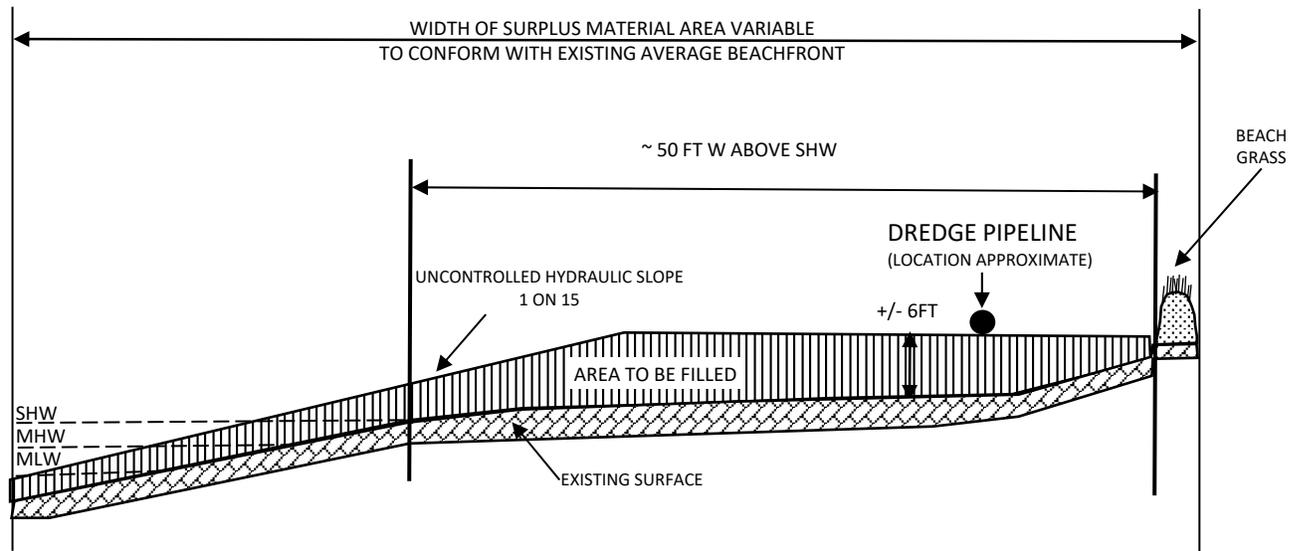
TOWN OF RIVERHEAD
 SUFFOLK COUNTY, NEW YORK

DATE: JULY 2024 REV

SHEET 5 OF 7



TYPICAL CHANNEL SECTION



TYPICAL BEACH NOURISHMENT SECTION – SOUTHWEST OF CHANNEL
N.T.S.



GEI CONSULTANTS, INC., P. C.
HUNTINGTON STATION, NEW YORK

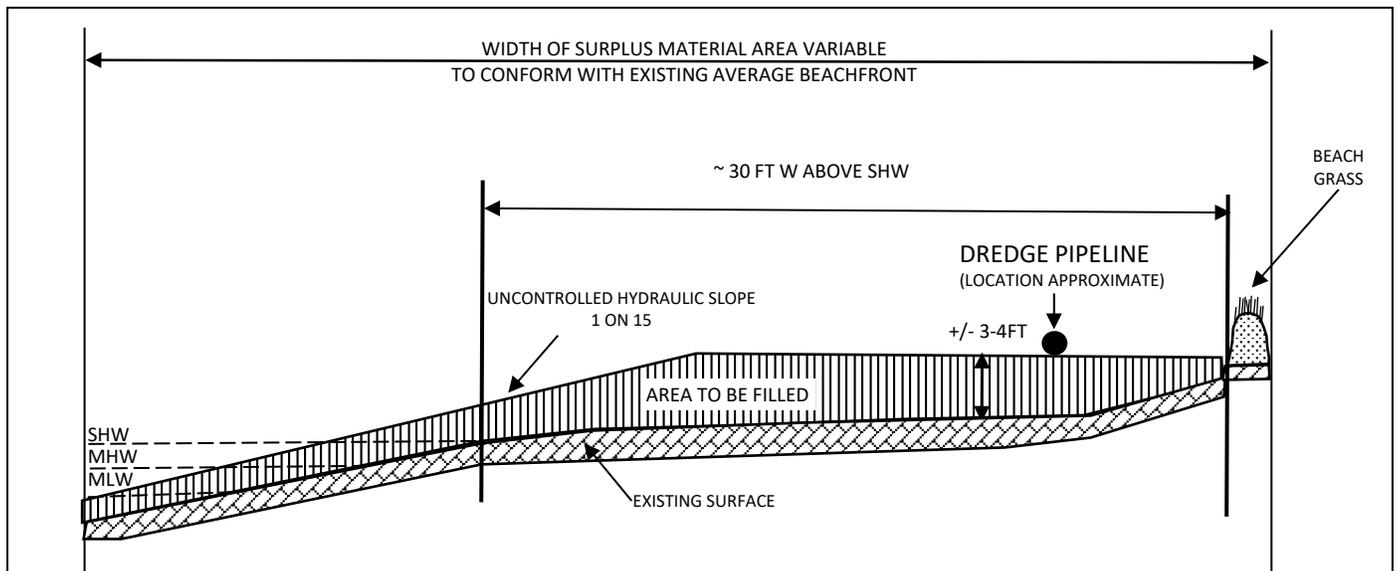
APPLICATION BY COUNTY OF SUFFOLK
CHARLES BARTHA, P.E.
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS

MAINTENANCE DREDGING AT:

EAST CREEK
TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

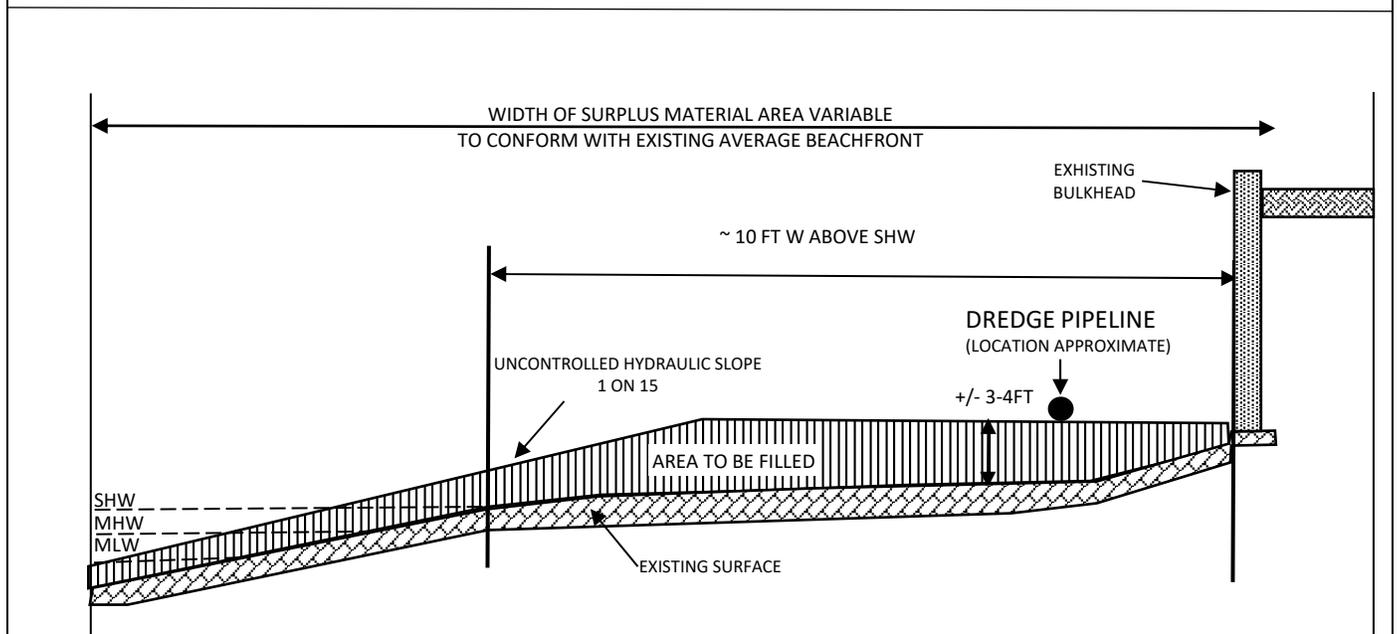
DATE: JULY 2024 REV

SHEET 6 OF 7



TYPICAL BEACH NOURISHMENT SECTION - NORTHEAST OF CHANNEL

N.T.S.



TYPICAL BEACH NOURISHMENT SECTION – AT WILLIAMSON LANE

N.T.S.



GEI CONSULTANTS, INC., P. C.
HUNTINGTON STATION, NEW YORK

APPLICATION BY COUNTY OF SUFFOLK
CHARLES BARTHA, P.E.
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS

MAINTENANCE DREDGING AT:

EAST CREEK
TOWN OF RIVERHEAD
SUFFOLK COUNTY, NEW YORK

DATE: JULY 2024

SHEET 7 OF 7