



**US Army Corps  
of Engineers** ®  
New England District  
**696 Virginia Road  
Concord, MA 01742-2751**

# PUBLIC NOTICE

**Comment Period Begins:** June 19, 2018  
**Comment Period Ends:** July 19, 2018  
**File Number:** NAE-2018-00240  
**In Reply Refer To:** Joshua Helms  
**Phone:** (978) 318-8211  
**E-mail:** Joshua.m.helms@usace.army.mil

The District Engineer has received a permit application to conduct work and place fill in waters of the United States from the Tokeneke Club, Inc., 4 Butlers Island Road Darien, Connecticut. This work is proposed in Long Island Sound at 4 Butlers Island Road, Darien, Connecticut. The site coordinates are: Latitude 41.057938°N, Longitude -73.452396 °E.

The work involves the placement of fill below the high tide line of waters of the United States in order to nourish and grade the beach at the Tokeneke Club. Approximately 11,660 cubic yards of sand will be placed on an 84,900 square foot area of the beach above and below the high tide line. This includes a 57,660 square foot area below the high tide line of which 6,520 SF is subtidal. Sand will be delivered to the site via barge or truck. Barged sand would be pumped into the project area and regraded using a front end loader and bulldozer. The beach profile will be regraded such that the beach berm will be raised to an elevation of 8.4' NAVD and extend waterward approximately 20 feet and then transition into the face of the beach where the grade will hold a slope of 1V:12H until the nourishment intersects with the existing grade at an elevation of -4'± NAVD. In the event that additional material is required to maintain the beaches, the Tokeneke Club is requesting a 10 year permit which would allow the proponent to nourish the beaches as needed in order to maintain the beach profile.

This work is shown on the enclosed plans titled "TOKENEKE CLUB, INC. TOKENEKE BEACH RENOURISHMENT," on seven sheets, and dated "01/17/2018"

The proponent has stated that the purpose of this project is to protect the upland structures from storm damage by breaking waves offshore and preventing them from reaching the adjacent structures. Additionally, the proposed project will also add resiliency to the beach, which has a history of weathering and erosion from storm events. The proponent considered different beach profiles and chose this method as the preferred alternative based on the ability of the profile to withstand storms with a recurrence interval corresponding to the 5% chance annual occurrence ("20-yr") storm without significant erosion.

To further increase the resiliency of the beach during significant storm events, the sand deposited on the beach will have a median grain size of 0.5 mm, which is larger than the existing sand grain size of the beach, 0.34 mm. In order to sustain recreational activity at the site, the larger grain sand will be topped with 6 inches of sand with a median grain size of 0.3 mm. The proposed template will serve to break waves further off shore protecting the club facilities located upland. This will also limit the need for future nourishment as the coarse grain material is expected to be maintained on site.

The proposed nourishment is limited to the -4.0' contour, which is approximately equal to mean low water in order to reduce impacts of fill as well as turbidity in the subtidal areas that could result during construction. To

further avoid impacts to aquatic resources the proponent has proposed that the following best management practices be incorporated into the construction methodology:

1. Any silt-producing work authorized herein shall not be conducted during the time of year (TOY) restriction of February 1 to September 30 of any year in order to avoid and minimize impacts to fish species during sensitive life history phases; however, no TOY restriction is necessary if one of the following conditions are met:
  - a. Work will be completed "in the dry (low tide)".
  - b. A silt curtain is to be installed at the seaward limit of work. The silt curtain is to be installed so as to completely enclose the in-water work site, thereby isolating any silt producing activities from adjoining waters.
2. The Club will create a beach monitoring program that will include the following measures:
  - a. A biennial survey of the beach to assess variations of the beach profile(s) from the optimum design profile,
  - b. A post-storm event beach survey(s) to assess the impact of the storm on the beach profile
  - c. Periodic hydrographic surveys of the area seaward of the beach to identify and quantify the fate of sand that has eroded from the beach;

**AUTHORITY**

Permits are required pursuant to:

- Section 10 of the Rivers and Harbors Act of 1899
- Section 404 of the Clean Water Act
- Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact 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 may reasonably 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, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers, New England District (Corps), 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. The Corps will consider all comments received 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 the 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.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact

of the activity in the public interest will also 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/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

### **ESSENTIAL FISH HABITAT**

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). Essential Fish Habitat describes waters and substrate necessary for fish for spawning, breeding, feeding or growth to maturity.

This project will impact approximately 1.32 acres of Essential Fish Habitat (*EFH*). This habitat consists primarily of sand and silt with a small amount of cobble adjacent to the existing stone jetty structures. The mixed cobble area is estimated to be 7900 square feet of which approximately 3300 square feet is subtidal. Loss of this habitat may adversely affect species that use these waters and substrate. However, the District Engineer has made a preliminary determination that the site-specific adverse effect will not be substantial. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision.

### **NATIONAL HISTORIC PRESERVATION ACT**

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s).

### **ENDANGERED SPECIES CONSULTATION**

The Corps has reviewed the application for the potential impact on Federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect a listed species or their critical habitat. We are coordinating with the NMFS and/or U.S. Fish and Wildlife Service on listed species under their jurisdiction and the ESA consultation will be concluded prior to the final decision.

### **OTHER GOVERNMENT AUTHORIZATIONS**

The states of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable, the applicant states that any proposed activity will comply

with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The following authorizations have been applied for, or have been, or will be obtained:

- ( x ) Permit, license or assent from State.
- ( x ) Permit from local wetland agency or conservation commission.
- ( x ) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

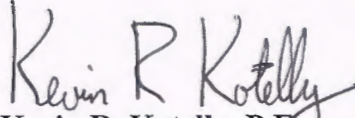
### COMMENTS

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions, please contact Joshua Helms at (978) 318-8211, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

**THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.**

  
**Kevin R. Kotelly, P.E.**  
**Chief, Permits and Enforcement Branch**  
**Regulatory Division**

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at [bettina.m.chaisson@usace.army.mil](mailto:bettina.m.chaisson@usace.army.mil). You may also check here ( ) and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
PHONE: \_\_\_\_\_

# TOKENEKE CLUB, INC. TOKENEKE BEACH RENOURISHMENT

DRAWING LIST	
DRAWING No.	DRAWING TITLE
1	TITLE SHEET & GENERAL NOTES
2	VICINITY MAP
3	DETAILED MAP
4	TAX ASSESSOR'S MAP
5	EXISTING SITE PLAN
6	PROPOSED PARTIAL SITE PLAN
7	EXISTING & PROPOSED SECTIONS

**GENERAL NOTES:**


1. THE PURPOSE OF THESE DRAWINGS ARE FOR REGULATORY REVIEW ONLY.
2. VICINITY MAP TAKEN FROM USGS, SOUTH NORWALK, CT-NY QUADRANGLE DATED 2015.
3. ELEVATIONS REFERENCE NAVD 88, UNLESS NOTED OTHERWISE.
4. THIS SITE INFORMATION HAS BEEN TAKEN FROM A DRAWING TITLED "ZONING LOCATION SURVEY", PREPARED FOR TOKENEKE BEACH CLUB, INC., BY WILLIAM W. SEYMOUR & ASSOCIATES, P.C., DATED JUNE 16, 2016, AND REVISED ON OCTOBER 25, 2017.
5. SUPPLEMENTARY INFORMATION OBTAINED BY RACE COASTAL ENGINEERING, LLC ON OCTOBER 10, 2017 AND ONLY REPRESENT THE SITE CONDITIONS AT THAT TIME.

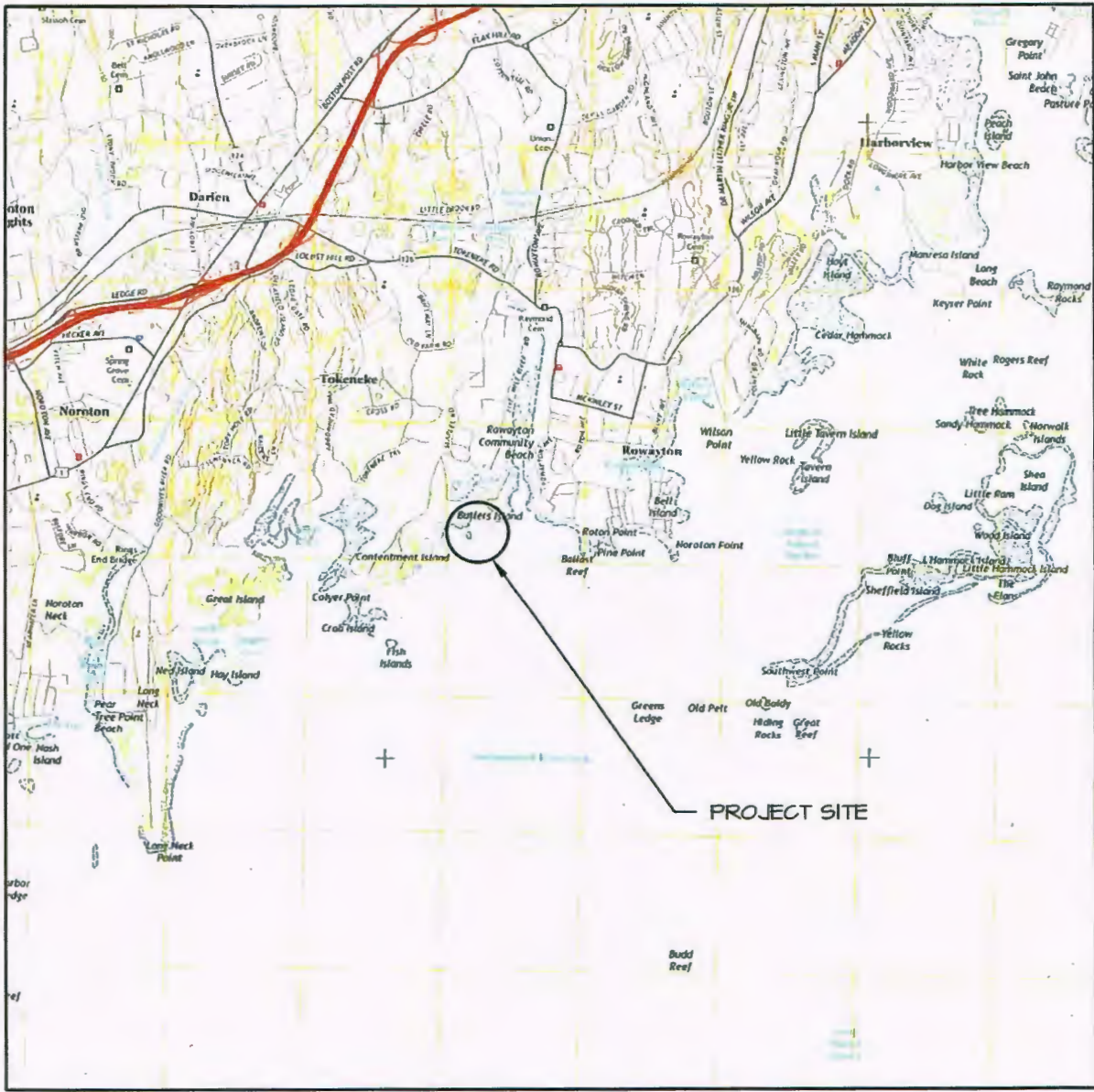
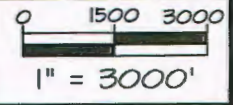
**PROJECT TIDAL ELEVATIONS:**

DATUM	NAVD 88 (FT)	NGVD 29 (FT)	MLW (FT)
COASTAL JURISDICTIONAL LIMIT	5.5	6.6	9.4
HIGH TIDE LINE	4.7	5.8	8.6
MEAN HIGH WATER	3.2	4.3	7.1
NAVD 88	0.0	1.1	3.9
NGVD 29	-1.1	0.0	2.8
MEAN LOW WATER	-3.9	-2.8	0.0

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DRAWN BY: HNS CHECKED BY: ADS DATUM: N/A SCALE: N/A DATE: 01/17/2018 REV: PROJECT #: 2017088	SEAL:  <div style="text-align: center; font-size: 2em; transform: rotate(-45deg); opacity: 0.5;">DRAFT</div>	PROJECT: TOKENEKE BEACH NOURISHMENT 4 BUTLERS ISLAND ROAD DARIEN, CT 06820  APPLICANT: TOKENEKE CLUB, INC. 4 BUTLERS ISLAND ROAD DARIEN, CT 06820	<div style="text-align: center;">  <p><b>RACE</b> COASTAL ENGINEERING</p> </div> <p>611 Access Road Stratford, CT 06615          Tel: 203-377-0663 www.racecoastal.com</p>
NOT VALID WITHOUT ENGINEER'S SEAL		DRAWING NO. 1 of 7	



**VICINITY MAP**

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DRAWN BY: HNS CHECKED BY: ADS DATUM: NAVD 88 SCALE: 1"=3000' DATE: 01/17/2018 REV: PROJECT #: 2017088	SEAL: <div style="font-size: 48pt; transform: rotate(-45deg); opacity: 0.5;">DRAFT</div> <p align="center">NOT VALID WITHOUT ENGINEER'S SEAL</p>	PROJECT: TOKENEKE BEACH NOURISHMENT 4 BUTLERS ISLAND ROAD DARIEN, CT 06820 APPLICANT: TOKENEKE CLUB, INC. 4 BUTLERS ISLAND ROAD DARIEN, CT 06820	<div style="text-align: center;">   <b>RACE</b>          COASTAL ENGINEERING       </div> <p>611 Access Road Stratford, CT 06615          Tel: 203-377-0663 www.racecoastal.com</p> <p align="right">DRAWING NO. 2 of 7</p>
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0 1000 2000  
 1" = 2000'




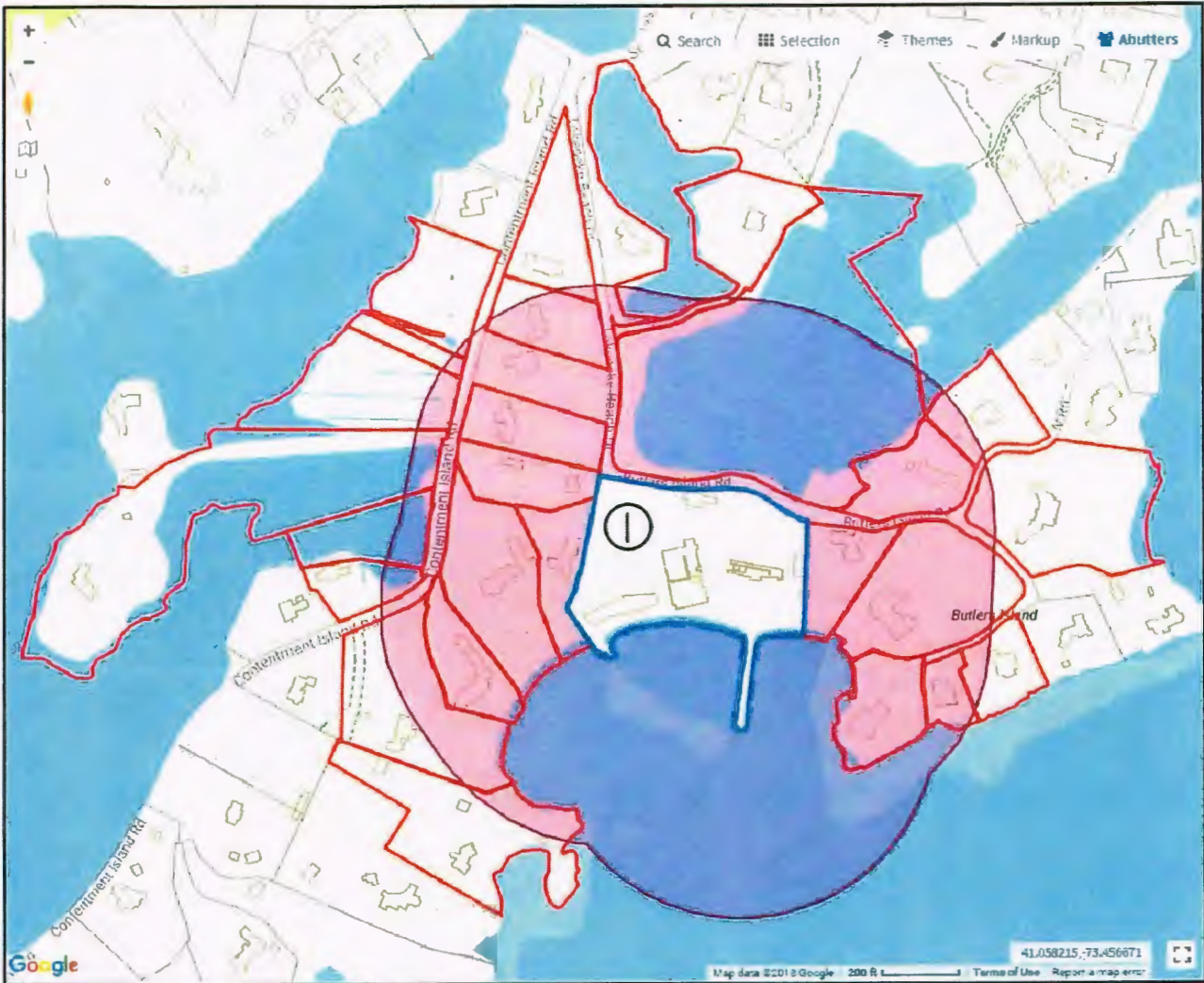
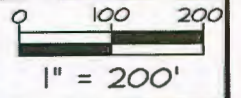
PROJECT SITE

DETAILED MAP

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CHECKED BY: ADS		<p style="font-size: 48pt; transform: rotate(-45deg);">DRAFT</p>	TOKENEKE BEACH NOURISHMENT 4 BUTLERS ISLAND ROAD DARIEN, CT 06820		
DATUM: NAVD 88			APPLICANT:		
SCALE: 1"=2000'			TOKENEKE CLUB, INC. 4 BUTLERS ISLAND ROAD DARIEN, CT 06820		
DATE: 01/17/2018					
REV:					
PROJECT #: 2017088			NOT VALID WITHOUT ENGINEER'S SEAL		DRAWING NO. 3 of 7



**OWNER**

I. TOKENEKE CLUB INC (PARID: 10139)


**ADJACENT PROPERTY OWNERS**

SEE ATTACHED: 26 PROPERTY OWNERS WITHIN 500' RADIUS

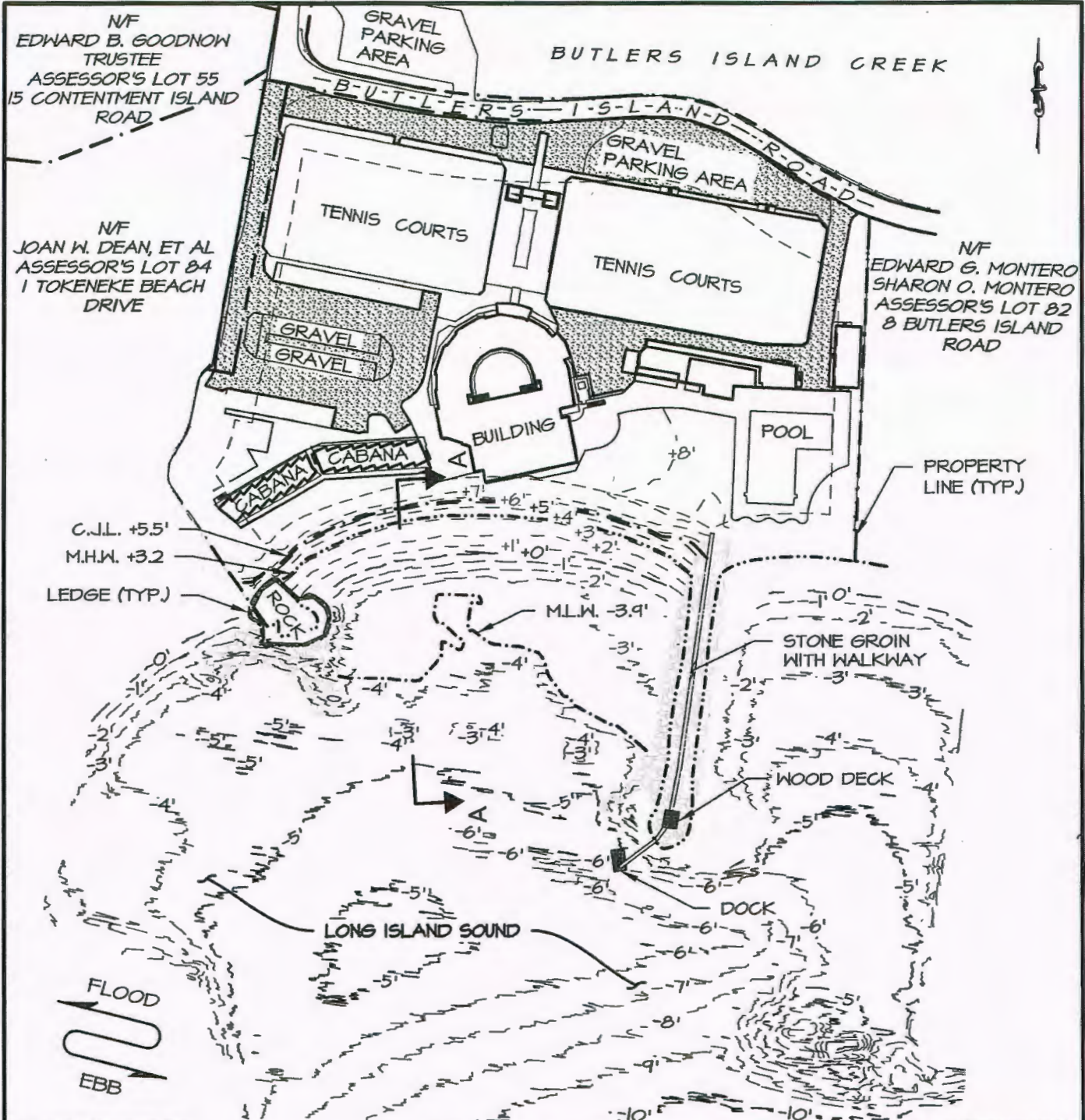
**TAX ASSESSORS MAP**

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CHECKED BY: ADS	<b>DRAFT</b>	<p>TOKENEKE BEACH NOURISHMENT 4 BUTLERS ISLAND ROAD DARIEN, CT 06820</p>	
DATUM: NAVD 88		APPLICANT:	
SCALE: 1" = 200'		<p>TOKENEKE CLUB, INC. 4 BUTLERS ISLAND ROAD DARIEN, CT 06820</p>	
DATE: 01/17/2018		NOT VALID WITHOUT ENGINEER'S SEAL	
REV:			
PROJECT #: 2017088			





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**EXISTING SITE PLAN**

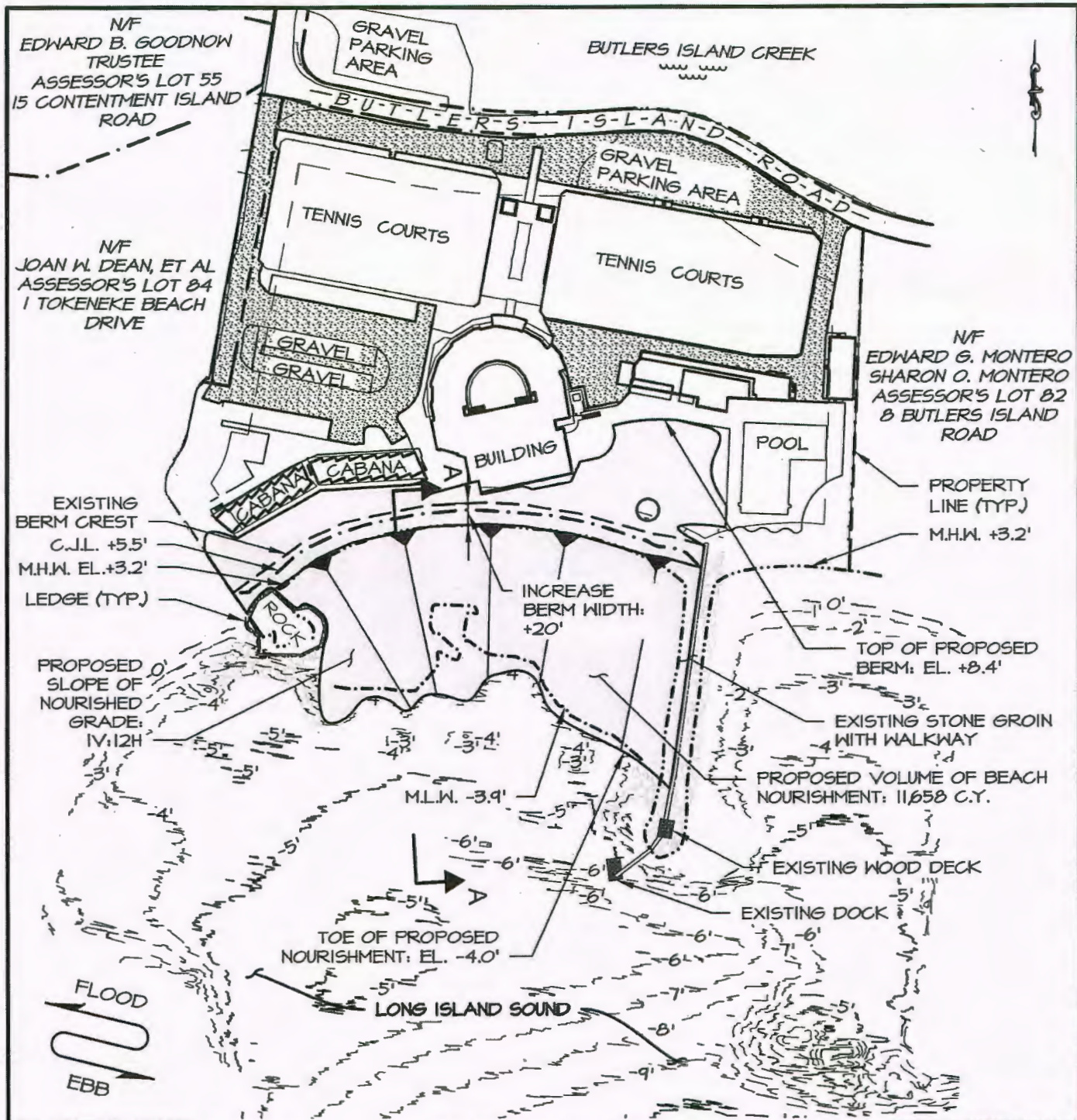
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DRAWN BY: HNS  
 CHECKED BY: ADS  
 DATUM: NAVD 88  
 SCALE: 1" = 130'  
 DATE: 01/17/2018  
 REV:  
 PROJECT #: 2017088

SEAL:  
**DRAFT**  
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PROJECT:  
 TOKENEKE BEACH NOURISHMENT  
 4 BUTLERS ISLAND ROAD  
 DARIEN, CT 06820  
 APPLICANT:  
 TOKENEKE CLUB, INC.  
 4 BUTLERS ISLAND ROAD  
 DARIEN, CT 06820

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 DRAWING NO. 5 of 7



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**PROPOSED SITE PLAN**

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DRAWN BY: HNS  
 CHECKED BY: ADS  
 DATUM: NAVD 88  
 SCALE: 1" = 130'  
 DATE: 01/17/2018  
 REV:  
 PROJECT #: 2017088

SEAL:

**DRAFT**

NOT VALID WITHOUT ENGINEER'S SEAL

PROJECT:

TOKENEKE BEACH NOURISHMENT  
 4 BUTLERS ISLAND ROAD  
 DARIEN, CT 06820

APPLICANT:

TOKENEKE CLUB, INC.  
 4 BUTLERS ISLAND ROAD  
 DARIEN, CT 06820



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DRAWING NO. 6 of 7