



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

# PUBLIC NOTICE

**Comment Period Begins: June 14, 2011**  
**Comment Period Ends: July 14, 2011**  
**File Number: NAE-2005-3112**  
**In Reply Refer To: Michael Riccio**  
**Phone: (978) 318-8685**  
**E-mail: Michael.S.Riccio@usace.army.mil**

The District Engineer has received a permit application from the applicant below to conduct work in waters of the United States as described below.

**APPLICANT:** North Cove Yacht Club

**ACTIVITY:**

The project involves the replacement of the existing 118 linear foot bulkhead and reconfiguration and expansion of a marina in North Cove at 111 Sheffield Street in Old Saybrook, Connecticut (Refer to page 4 for detailed description). The proposed work is shown on the attached plans entitled "North Cove Yacht Club, Inc. Sheffield Street Old Saybrook, CT" on seven sheets and extends approximately 60' beyond the mean high water line.

**WATERWAY AND LOCATION OF THE PROPOSED WORK**

This work is proposed in North Cove at 111 Sheffield Street in Old Saybrook, Connecticut. The proposed location is on the USGS Saybrook quadrangle sheet at coordinates 41.2895 N and 72.3673 W

**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 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 the preparation of an Environmental Assessment

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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.

**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).

This project will impact approximately 2,100 square feet of Essential Fish Habitat (EFH). Loss of this habitat may adversely affect the species listed in the Summary of Essential Fish Habitat (EFH) Designation on pages 5-7 of this document. 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.

**ENDANGERED SPECIES CONSULTATION**

The New England District, Army Corps of Engineers has reviewed the list of species protected under the Endangered Species Act of 1973, as amended, which might occur at the project site. 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 any Federally listed endangered or threatened species or their designated critical habitat. By this Public Notice, we are requesting that the appropriate Federal Agency concur with our determination.

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.
- ( ) Permit from Local Wetland Agency or Conservation Commission.
- ( ) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

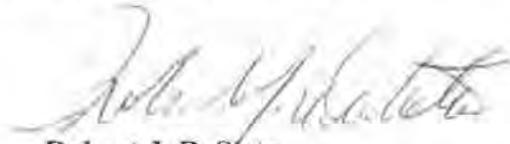
**CENAE-R-PEB**  
**FILE NO. NAE-2005-3112**

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 Michael Riccio at (978) 318-8685, (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.**



**Robert J. DeSista**  
**Chief, Permits and Enforcement Branch**  
**Regulatory Division**

If you would prefer not to continue receiving Public Notices, 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: \_\_\_\_\_

**PROPOSED WORK AND PURPOSE:**

**Bulkhead Replacement:** The east-facing segment of the bulkhead at the site is failing. A 118' linear foot bulkhead will be installed immediately waterward of the existing bulkhead. The bulkhead will consist of a wood piling and wood sheathing system and will be anchored with deadman tiebacks.

**Marina Float Expansion:** Reconfiguration of the floating dock system entails abandonment of the existing floating dock configuration, installation of ramps, floating docks and pilings in the configuration shown on sheets 2, 5 and 6 of the attached plans. The new configuration will include a 10' x 20' ramp, leading to a 10' x 20' float and one (1) 10' x 6' float; a 5' x 15' ramp leading to two (2) 10' x 20' floats; a 6' x 15' ramp leading to two (2) 8' x 20 floats and one (1) 8' x 18' float; and one (1) 12' x 15', one (1) 12' x 20', and one (1) 8' x 18' floating dock.

The Purpose of this project is to repair a structurally deficient bulkhead and improve/expand North Cove Yacht Club members' safe access to North Cove, the Connecticut River, and Long Island Sound.

**MITIGATION** – The project maintains an a distance away from the Federal Navigation Project (FNP) that is three times the depth of that FNP. There are no significant impacts expected to result from this project that would warrant mitigation. Therefore mitigation is not being considered at this time.

**Summary of Essential Fish Habitat (EFH) Designation**

**10' x 10' Square Coordinates:**

Boundary	North	East	South	West
Coordinate	41° 20.0' N	72° 20.0' W	41° 10.0' N	72° 30.0' W

Square Description (i.e. habitat, landmarks, coastline markers): The waters within the square within the Connecticut River estuary affecting the following: the Connecticut River, Westbrook and Old Saybrook, CT., the Patchogue and Menunketesuck Rivers, western Great I., Ferry Pt., Cornfield Pt., North Cove, Saybrook Pt., Lynde Neck and Guardhouse Pt., Chapman Pt., Old Kelsey Pt., Duck I., the Duck Island Roads and Menunketesuck I. Also affected are: Westbrook Harbor, eastern Six Mile Reef, and Long Sand Shoal, Hen and Chickens, Crane Reef, Half Tide Rock, and Cornfield Pt. Shoal. Finally, there is a dumping ground towards the southeast corner, south of the Connecticut River. These waters also affect the following features: South Cove, Fenwick, CT., Lynde Pt., Knollwood, CT., Plum Bank Beach, Ragged Rock, Calves I., Back River, southwest Lieutenant River, Saybrook Shoal Channel, Saybrook Shoal, Gibraltar Rock, Dickerson Pier, Sodom Rocks, Shifting Shoal, Griswold Piers, Oyster River, Back River (different from above in list), Indian Town, CT., Chapman Neck, CT., Cold Spring Brook, Saltworks Bay, Money Pt., and Long Rock.

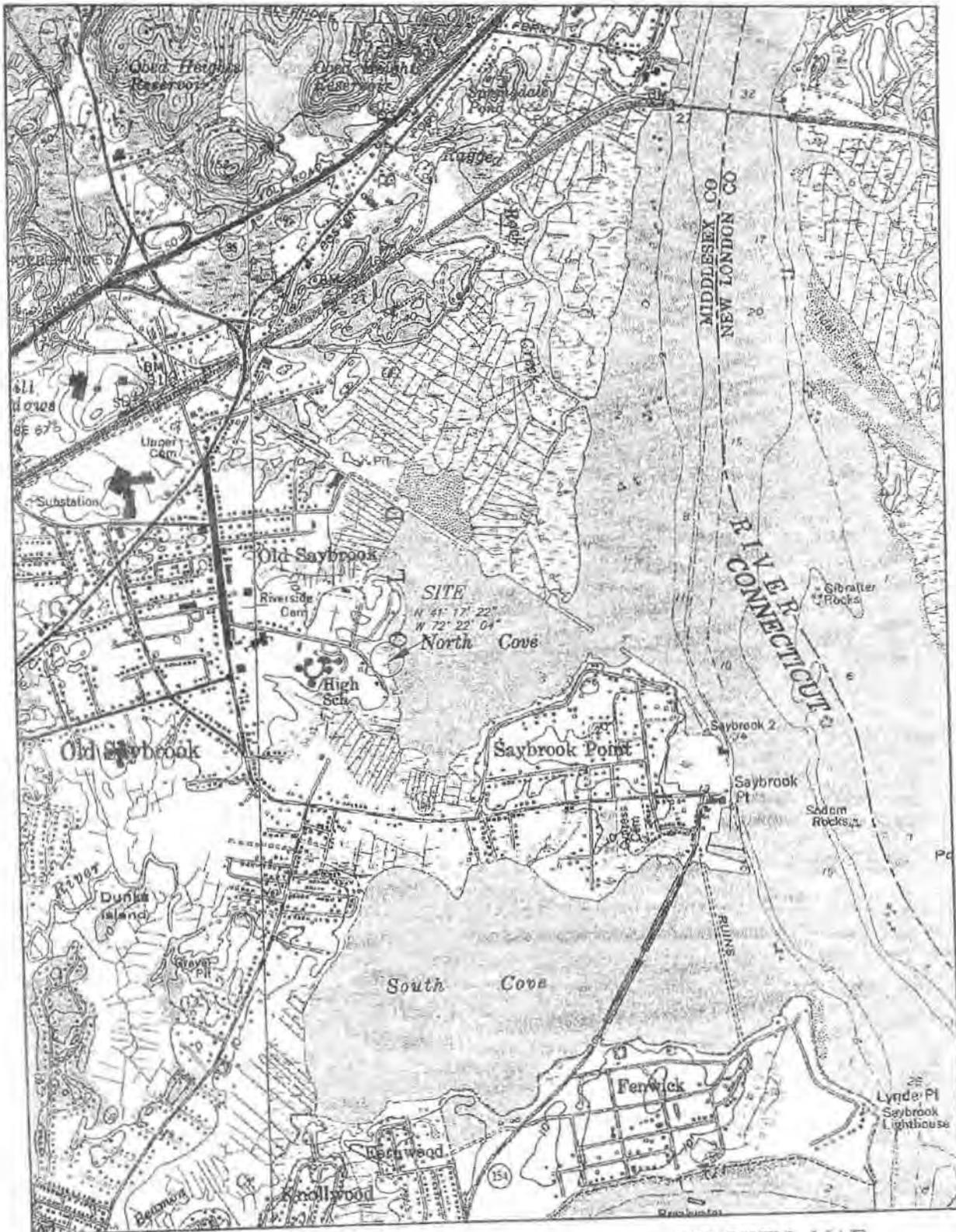
Species	Eggs	Larvae	Juveniles	Adults
Atlantic salmon ( <i>Salmo salar</i> )			X	X
Atlantic cod ( <i>Gadus morhua</i> )				
haddock ( <i>Melanogrammus aeglefinus</i> )				
pollock ( <i>Pollachius virens</i> )			X	X
whiting ( <i>Merluccius bilinearis</i> )				
offshore hake ( <i>Merluccius albidus</i> )				
red hake ( <i>Urophycis chuss</i> )	X	X	X	X
white hake ( <i>Urophycis tenuis</i> )				
redfish ( <i>Sebastes fasciatus</i> )	n/a			

**CENAE-R**  
**FILE NO. NAE-200x-xxx**

witch flounder ( <i>Glyptocephalus cynoglossus</i> )				
winter flounder ( <i>Pseudopleuronectes americanus</i> )				
yellowtail flounder ( <i>Limanda ferruginea</i> )				
windowpane flounder ( <i>Scophthalmus aquosus</i> )	X	X	X	X
American plaice ( <i>Hippoglossoides platessoides</i> )				
ocean pout ( <i>Macrozoarces americanus</i> )				
Atlantic halibut ( <i>Hippoglossus hippoglossus</i> )				
Atlantic sea scallop ( <i>Placopecten magellanicus</i> )				
Atlantic sea herring ( <i>Clupea harengus</i> )			X	X
monkfish ( <i>Lophius americanus</i> )				
bluefish ( <i>Pomatomus saltatrix</i> )			X	X
long finned squid ( <i>Loligo pealeii</i> )	n/a	n/a		
short finned squid ( <i>Illex illecebrosus</i> )	n/a	n/a		
Atlantic butterfish ( <i>Peprilus triacanthus</i> )				
Atlantic mackerel ( <i>Scomber scombrus</i> )				
summer flounder ( <i>Paralichthys dentatus</i> )				
scup ( <i>Stenotomus chrysops</i> )	n/a	n/a		
black sea bass ( <i>Centropristis striata</i> )	n/a			
surf clam ( <i>Spisula solidissima</i> )	n/a	n/a		
ocean quahog ( <i>Artica islandica</i> )	n/a	n/a		

**CENAE-R**  
**FILE NO. NAE-200x-xxx**

spiny dogfish ( <i>Squalus acanthias</i> )	n/a	n/a		
tilefish ( <i>Lopholatilus chamaeleonticeps</i> )				
king mackerel ( <i>Scomberomorus cavalla</i> )	X	X	X	X
Spanish mackerel ( <i>Scomberomorus maculatus</i> )	X	X	X	X
cobia ( <i>Rachycentron canadum</i> )	X	X	X	X
sand tiger shark ( <i>Carcharias taurus</i> )		X		



ROBIDA ENGINEERING, LLC  
P.O. BOX 587  
CHESTER, CT 06412

SHEET 1 OF 7  
DATE: JUNE 3, 2010

VICINITY MAP  
NORTH COVE YACHT CLUB, INC.  
SHEFFIELD STREET  
OLD SAYBROOK, CT

Image US Geological Survey  
© 2010 Google



**SHEET 2 OF 7**

**DATE : JUNE 3, 2010**

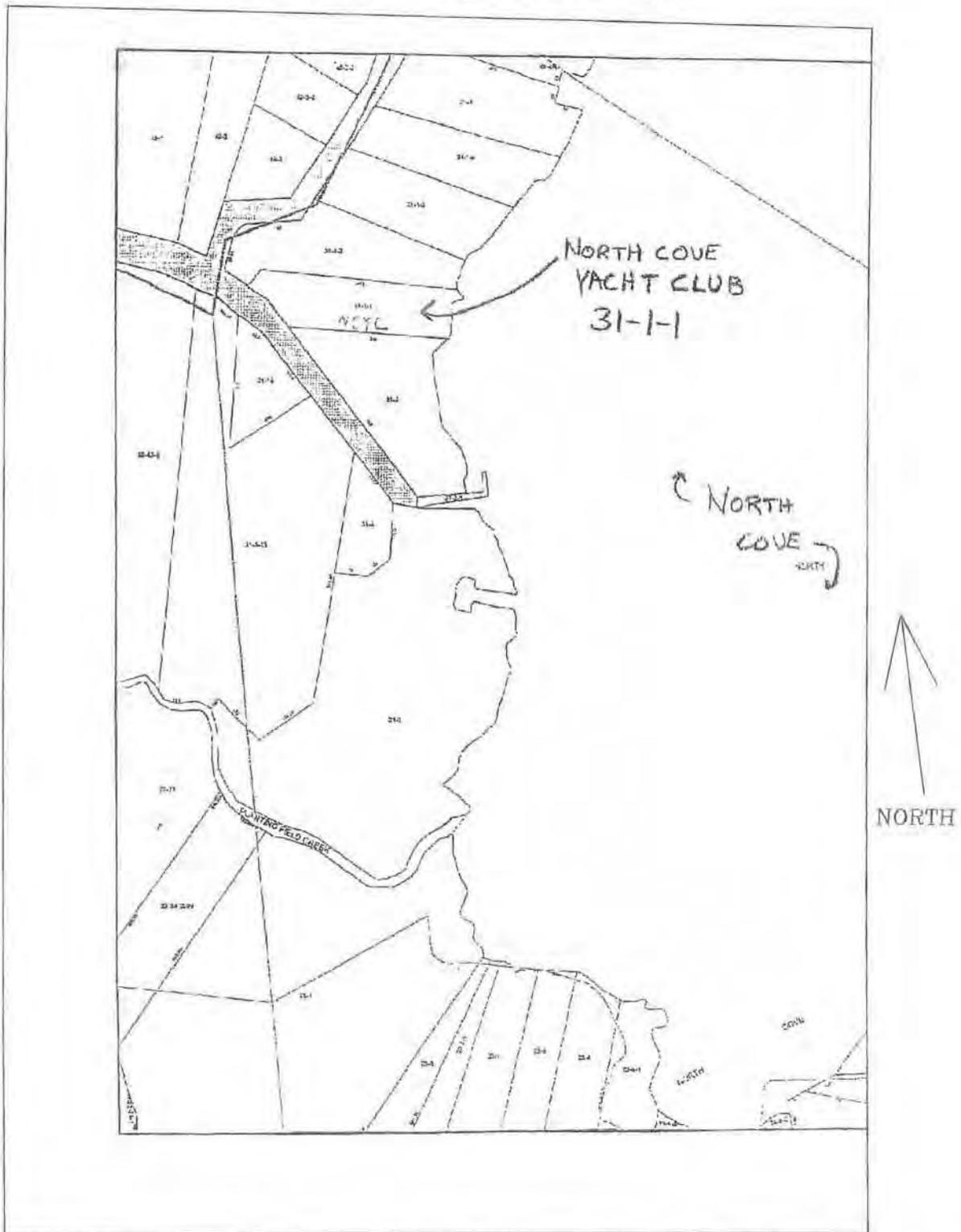
**Rev.: November 20, 2010**

**ROBIDA ENGINEERING, LLC**  
**PO BOX 587**  
**CHESTER, CT 06412**

**AERIAL PHOTO OF VICINITY  
WITH PROPOSED DOCKS**

**NORTH COVE YACHT CLUB, INC.**  
**SHEFFIELD STREET**  
**OLD SAYBROOK, CT**

OLD SAYBROOK ACCESSORS MAP 31-1-1



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SHEET 3 OF 7

DATE: JUNE 3, 2010

TAX ASSESSOR'S MAP  
NORTH COVE YACHT CLUB, INC.  
SHEFFIELD STREET  
OLD SAYBROOK, CT

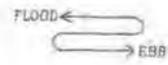
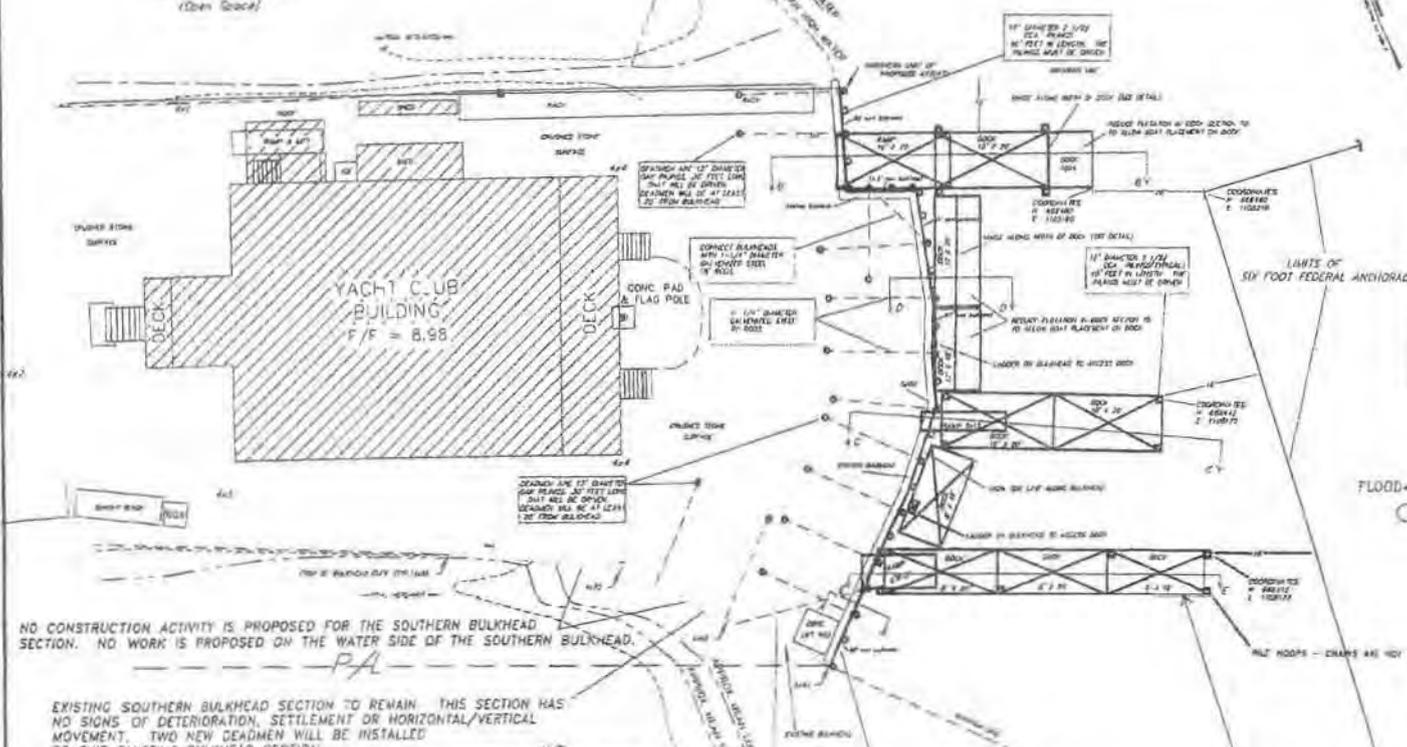


1/4" = 1' (Open Space)

NOTE: THE FEDERAL ANCHORAGE LOCATIONS DEPICTED ON THE MAP WERE OBTAINED FROM A MAP ENTITLED "CONNECTICUT RIVER BELOW HARTFORD WITHIN CONN. OLD SAYBROOK, CONNECTICUT" AFTER THESE SURVEY, 11-FOOT CHANNEL, 8 & 10-FOOT ANCHORAGES DATED JUNE 1, 1901, PREPARED BY THE UNITED STATES ARMY CORPS OF ENGINEERS. SHEET IDENTIFICATION NUMBER 5-102. THE MAP DEPICTS THE LIMITS OF SPEEDING PERMITTED AND THE LIMITS OF THE FEDERAL ANCHORAGE.



KEY MAP  
SCALE 1" = 5000'



NORTH COVE  
CONNECTICUT RIVER  
OLD SAYBROOK CT

MEAN LOW	-	0.0
MEAN HIGH	-	3.5
HIGH TIDE	-	5.3

SCALE 1" = 32'

NO CONSTRUCTION ACTIVITY IS PROPOSED FOR THE SOUTHERN BULKHEAD SECTION. NO WORK IS PROPOSED ON THE WATER SIDE OF THE SOUTHERN BULKHEAD.

EXISTING SOUTHERN BULKHEAD SECTION TO REMAIN. THIS SECTION HAS NO SIGNS OF DETERIORATION, SETTLEMENT OR HORIZONTAL/VERTICAL MOVEMENT. TWO NEW DEADEN MEN WILL BE INSTALLED TO THIS EXISTING BULKHEAD SECTION.

1/4" = 1' (Open Space)  
Leslie A. Scaramella, Trustee

- NOTES:
- This plan and survey was prepared pursuant to the Regulations of Connecticut State Agencies Sections 20-300a-1, 20-300a-2 and the "Standards for Survey and Maps in the State of Connecticut" as adopted by the Connecticut Association of Land Surveyors, Inc. on September 26, 1926.
  - The title of survey contained is a "Property Survey" and "Topographic Survey" and is intended to depict the boundaries of the parcel as shown herein and topographic features. Boundary determination is based on a first survey.
  - Horizontal boundary conforms to Data 4-1 Multiple Boundary systems in Data 4-1.
  - Reference is made to a met. return, DETACHED LAYOUT MAP, SUBDIVISION OF PROPERTY OF ROBERT J. LOMBARD, GALTUS DRIVE & SHUTFORD STREET, OLD SAYBROOK, CONNECTICUT, DATE: MAR 11, 1997, SCALE: 1" = 40', SHEET 2 OF 2, REVISIONS: 8/7/97, 8/22/97 by ANTONI MCDONALD / CARY SHARPE & ASSOCIATES, INC.
  - Reference is made to a met. return, PLAN OF PROPERTY OWNED BY ROBERT D. SHAW AND RUTH LEMAY, OLD SAYBROOK, CONN. SCALE: 1" = 20' MAY 18, 1980, SURVEYED BY ROBERT C. HARR, P.E. & L.S. MADISON CONN., REVISED 4-21-81, 4-28-87, 6-22-87, 1-27-88.
- Township and sections are from the location and the used in 1850 1853. Section being being shown reference to section map (PAGE 1).

TO ALL ENCLOSURES ARE MADE AND THIS IS CONSIDERED CORRECT BY ME: *[Signature]*

NORTH COVE YACHT CLUB, INC.  
PO BOX 202  
OLD SAYBROOK CT  
LATITUDE 41 17' 22"  
LONGITUDE -72 52' 11"

THE DISTANCE FROM THE TRUSS DOCK TO THE SOUTH (1/4" = 1' SCARAMELLA-TRUSTEE) NEIGHBORS (111) FIVE HUNDRED ELEVEN TO THE PROPOSED SOUTHERN MOST (1/4" = 1' DOCK) THE SCALE OF THE MAP PROMPTS THE DOCK TO THE SOUTH FROM BEING KNOWN.

PROPOSED BULKHEAD WILL BE INSTALLED ADJACENT TO THE EXISTING BULKHEAD. 102.6 FEET TOTAL. THE NEW BULKHEAD FACE WILL BE LESS THAN 10' FROM THE EXISTING BULKHEAD. AFTER COMPLETION OF THE PILE INSTALLATION, REMOVE THE EXISTING WALKERS AND SHEETS TO GROUND LEVEL. FILL ANNULAR SPACE BETWEEN EXISTING PILES WITH 3/8" DIAMETER PEA STONE. (5 YARDS TOTAL)



REVISED FEBRUARY 8, 2011  
REVISED NOVEMBER 20, 2010

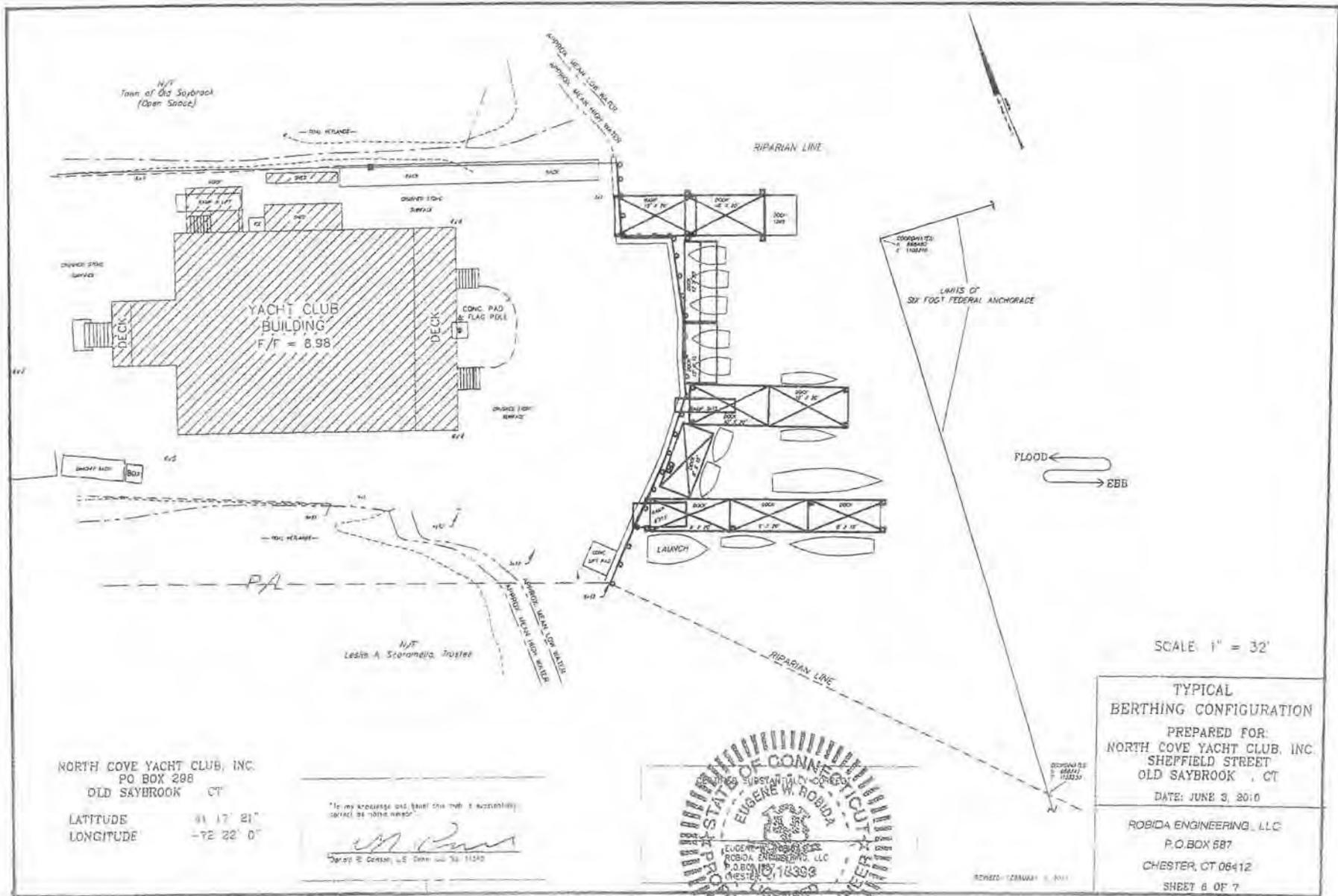
PLAN VIEW  
AND BULKHEAD DESIGN

PREPARED FOR  
NORTH COVE YACHT CLUB, INC.  
SHEFFIELD STREET  
OLD SAYBROOK CT

DATE: JUNE 3, 2010

ROBIDA ENGINEERING, LLC  
P.O. BOX 587  
CHESTER, CT 06412

SHEET 5 OF 5



NORTH COVE YACHT CLUB, INC.  
 PO BOX 298  
 OLD SAYBROOK CT

LATITUDE 41 17' 21"  
 LONGITUDE -72 22' 0"

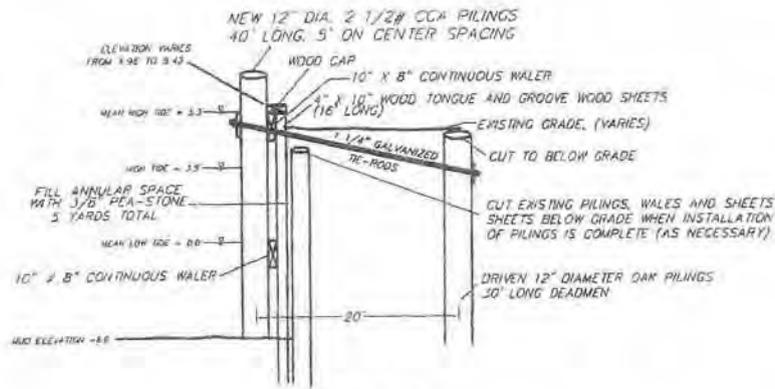
"To my knowledge and belief this work is accurately  
 derived by means of survey"

*Eugene W. Robida*  
 State of Conn., U.S. Dept. and No. 11240

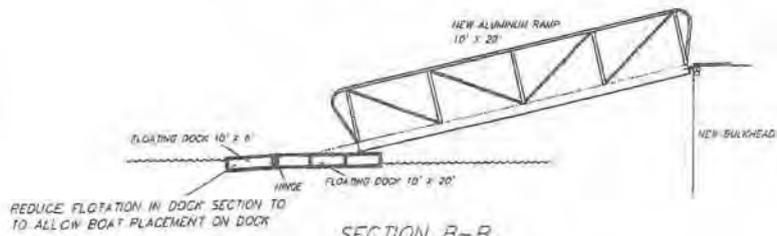


TYPICAL  
 BERTHING CONFIGURATION  
 PREPARED FOR:  
 NORTH COVE YACHT CLUB, INC.  
 SHEFFIELD STREET  
 OLD SAYBROOK, CT  
 DATE: JUNE 3, 2010  
 ROBIDA ENGINEERING, LLC  
 P.O. BOX 687  
 CHESTER, CT 06412  
 SHEET 6 OF 7

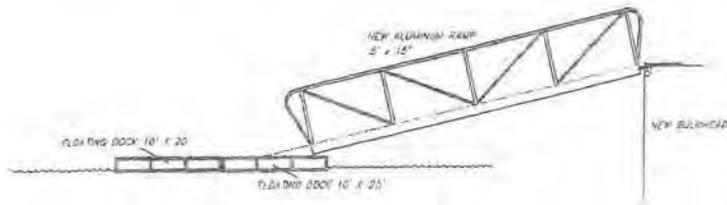
SCALE: 1" = 32'



SECTION A-A  
NOT TO SCALE



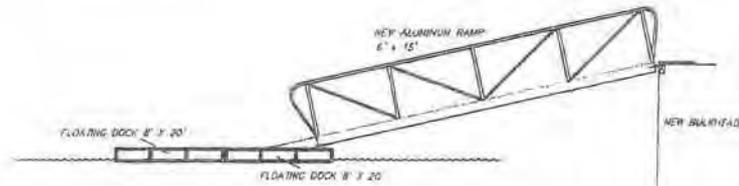
SECTION B-B  
NOT TO SCALE



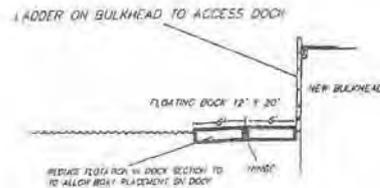
SECTION C-C  
NOT TO SCALE

MATERIAL SPECIFICATION LIST

TIMBER PILING	12" DIAMETER 2 1/2" CCA PILING 40' IN LENGTH (DRIVEN)
DEADMEN	12" DIAMETER OAK PILING 30' IN LENGTH (DRIVEN) 20' MINIMUM SETBACK FROM BULKHEAD
DEADMAN TIE RODS	20' 1/4" DIAMETER GALVANIZED STEEL RODS
TIMBER WALER	10" X 8" TIMBER P.T. (10' ACROSS TOP)
TIMBER SHEETING	16' LONG 4" X 10" TONGUE & GROOVE P.T. TIMBER SHEETS
6' CENTER TO CENTER SPACING FOR TIMBER PILING	
38" DIAMETER STONE WALL BE USED TO FILL ANNULAR SPACE BETWEEN THE NEW AND OLD BULKHEAD (5 YARDS)	
UTILIZE GALVANIZED BOLTS MINIMUM 3/4" DIAMETER	
PLATES ARE 8" SQUARE 1/2" THICK GALVANIZED STEEL	
WASHERS ARE 1 1/4" NYDD	



SECTION E-E  
NOT TO SCALE



SECTION D-D  
NOT TO SCALE



REVISED FEBRUARY 3, 2011

CROSS SECTIONS  
AND BULKHEAD DETAILS

PREPARED FOR:  
NORTH COVE YACHT CLUB, INC.  
SHEFFIELD STREET  
OLD SAYBROOK, CT

DATE: JUNE 8, 2010

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SHEET 7 OF 9