



JOINT PUBLIC NOTICE

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

State of Connecticut
Department of Energy & Environmental Protection
79 Elm Street
Hartford, Connecticut 01606-5127

US Army of Engineers
New England District
696 Virginia Road
Attn: Ms. Diane M. Ray
Concord, MA 01742-2751

In replying refer to:

Public Notice Number: NAN-2012-00368-WSC
Issue Date: March 1, 2013
Expiration Date: April 1, 2013

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 USC 403) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Seawanhaka Corinthian Yacht Club
314 Yacht Club Road
Centre Island, NY 11771

ACTIVITY: Maintenance dredge with placement of the dredged material in the Western Long Island Sound Disposal Site (WLIS) and the Central Long Island Sound Disposal Site (CLIS). Barge overflow at the dredging site is not proposed.

WATERWAY: Oyster Bay Harbor

LOCATION: Village of Centre Island, Nassau County, New York.

Independent evaluations of various aspects of the proposed project will be performed by the US Army Corps of Engineers, New York District, US Army Corps of Engineers, New England District, the State of Connecticut, and the State of New York in accordance with applicable federal and state laws.

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 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.

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

Any person may request, by writing to the District Engineer 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 mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267) (16 U.S.C. 1801 et seq.), requires federal agencies to consult with the National Marine Fisheries Service (NMFS) on all actions, proposed actions, permitted, funded, or undertaken by the agency that may adversely affect Essential Fish Habitat (EFH).

The dredging portion of this project will impact approximately 43,140 square feet of Essential Fish Habitat (EFH) for the species and their life stages as shown in the attached table. Habitat at this site can be described as sand and silt. Loss of this habitat may adversely affect those species listed in the attached table. 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.

The dredged material disposal is proposed for placement at the Western and Central Long Island Sound Disposal Sites. These are open water sites, which provide Essential Fish Habitat for the attached tables of species and life stages. Habitat at this site can be described as sand and silt. Loss of this habitat may adversely affect those species listed on the attached tables. 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

Dredging Site: Our preliminary determination is that the dredging 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.

WLIS and CLIS: The New York District, U.S. Army Corps of Engineers has reviewed the list of species protected under the Endangered Species Act of 1973, as amended, which might occur for placement of dredged material at the Western Long Island Disposal Site (WLIS) and the Central Long Island Sound Disposal Site (CLIS) sought by the applicant. A Biological Assessment (BA) of the WLIS and CLIS was performed of the potential for interactions and adverse impacts to those listed species. It is our 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 BA determination.

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 archaeological, 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 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, 41 State Street, 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.

The Connecticut Department of Energy & Environmental Protection, Office of Long Island Sound Programs will review the applicant's dredged material placement proposal for consistency with Connecticut's water quality standards. Subsequent issuance of the Section 401 Water Quality Certificate from the state agency will indicate concurrence with the coastal area management plan.

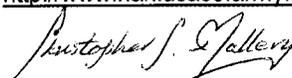
Barge overflow of dredged material will not occur during the dredging of this proposed project, therefore, the only Section 404 activity involved in this application is the placement of the dredged material at the WLIS & CLIS.

Comments related to water quality issues should be submitted both to this office and to the Connecticut Department of Energy & Environmental Protection, Office of Long Island Sound Programs, 79 Elm Street, Hartford, Connecticut 06106-5127. For more information about the water quality certification, please contact Connecticut's Office of Long Island Sound Programs at (860) 424-3034.

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:

Navigable Waters Permit from New York State Department of Environmental Conservation.
Permit from the U.S. Fish and Wildlife Service

It is requested that you communicate the foregoing information concerning the proposed work to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (917) 790-8417 and ask for Steven A. Schumach. For more information on New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>


Jodi M. McDonald
Chief, Regulatory Branch

Attachments



DESCRIPTION OF WORK

The applicant, the Seawanhaka Corinthian Yacht Club, has requested Department of the Army authorization to maintenance dredge in Oyster Bay Harbor in Centre Island, Nassau County, New York. Approximately 3,944 cubic yards of material would be maintenance dredged from an area of approximately 43,140 square feet, as follows:

- **Service Dock:** Maintenance dredge approximately 2,737 cubic yards to a depth of 12 feet below the plane of mean low water from an area of approximately 28,140 square feet.
- **Main Dock:** Maintenance dredge 467 cubic yards to a depth of 12 feet below the plane of mean low water from an area of approximately 5,000 square feet.
- **Travel Lift Dock:** Maintenance dredge approximately 740 cubic yards to a depth of 6 feet below the plane of mean low water from an area of approximately 10,000 square feet.

The maintenance dredging would be performed by a hopper dredge to allow transport of the dredged material to a Long Island Sound Disposal Site. The dredged material from the Main and Travel Lift Dock areas would be transported by barge for placement at the Western Long Island Sound Disposal Site (WLIS). The dredged material from the Service Dock area has been found unsuitable for unconfined disposal at WLIS and would be transported by barge for placement at the Central Long Island Disposal Site (CLIS) with capping. The applicant estimates that the dredging would be performed within one to two weeks, depending on the weather. The stated purpose of the proposed maintenance dredging is to provide adequate depth for safe navigation at the marina's existing boat slips and travel lift.

Alternatives: The applicant investigated alternative placement locations for the dredged material. It is noted that the applicant has previously applied for and obtained Department of the Army Permit Number 2011-00317 on September 13, 2011 for maintenance dredging of the above areas that included placement of the dredged material on the applicant's upland property. However, the Village of Centre Island denied the use of the upland placement of the dredged material in the Village. The applicant also considered other alternative placement sites for the dredged material including upland placement in the Town of Oyster Bay municipal landfill. However, the applicant was informed that the Town landfill does not accept dredged material. The applicant also investigated the placement of the dredged material as beneficial use at Town of Oyster Bay beaches, and other upland placement sites, but no sites were available. Therefore, the placement of the dredged material at WLIS and CLIS are the applicant's preferred dredged material placement alternatives for this proposed project.

Sampling and Testing: A sampling and testing plan for this project was prepared for three cores to be taken from the project area. Bulk sediment chemistry analyses were conducted on all individual cores. The data provide sufficient information to satisfy the evaluation and testing requirements of the appropriate regulations.

Based on an evaluation of the data that characterize the material proposed to be dredged, the applicant has sampled and tested the area to be dredged; the Corps of Engineers finds that the data provided sufficient information to satisfy the evaluation and testing requirements of the appropriate regulations. The Corps found that materials proposed to be dredged from the Main and Travel Lift Dock areas were found to be suitable for unconfined open-water disposal at WLIS or CLIS. The dredged materials from the Service Dock area were determined to be not suitable for open water disposal at WLIS, but require disposal management for open-water disposal at CLIS in the form of capping with suitable material. For the dredged material that would be placed at CLIS, the applicant will be required to develop an appropriate capping plan that is subject to Corps of Engineers review and approval.

The Western Long Island Sound Disposal Site is frequently used for disposal of bottom sediments from various harbors along the eastern New York, northern Long Island, and central and western Connecticut coasts. An average of approximately 125,000 cubic yards of suitable sediments (suitability determined through case-by-case analyses) have been deposited at this site annually. The site has been monitored through the Corps' Disposal Area Monitoring System (DAMOS) program. DAMOS studies show that the site is a low energy environment such that sediment

deposited at this location will remain within the site's boundaries. Levels of metals and organics in the sediments within the disposal site are generally above background levels, indicative of the industrial nature of the areas dredged that utilize the site. Areas outside the disposal site have not been found to be affected by sediment deposited within the site.

The Central Long Island Sound Disposal Site is frequently used for disposal of bottom sediments from various harbors along the eastern New York, northern Long Island, and central and western Connecticut coasts. An average of approximately 400,000 cubic yards of suitable sediments (suitability determined through case-by-case analyses) have been deposited at this site annually. The site has been monitored through the Corps' Disposal Area Monitoring System (DAMOS) program. DAMOS studies show that the site is a low energy environment such that sediment deposited at this location will remain within the site's boundaries. Levels of metals and organics in the sediments within the disposal site are generally above background levels, indicative of the industrial nature of the areas dredged that utilize the site. Areas outside the disposal site have not been found to be affected by sediment deposited within the site.

The dredged material has undergone physical and chemical analysis and has satisfied Part 227.13(b) of exclusionary criteria of the Ocean Dumping Act regulations regarding biological testing. It is our preliminary determination that the material from the Main and Travel Lift Dock areas is suitable for unconfined disposal at the Western Long Island Sound Disposal Site (WLIS), and the dredged material from the Service Dock area is acceptable for disposal at the Central Long Island Sound disposal site with capping.

Summary of Essential Fish Habitat (EFH) Designation

10' x 10' Square Coordinates: Dredge Site

Boundary	North	East	South	West
Coordinate	41° 00.0' N	73° 40.0' W	40° 50.0' N	73° 50.0' W

Square Description (i.e. habitat, landmarks, coastline markers): The waters within the square within the Hudson River estuary on the north shore of Long Island, affecting the following: north of Manhasset Neck, Port Washington, NY., Berker Pt., Sands Pt., and Mott Pt., the tip of Hewlett Pt. on the north of Great Neck, north of Manhasset, NY., and Douglastown, NY. Also, the waters within Long Island Sound south of mainland New York from Port Chester, NY., and Rye, NY., to Westchester, NY., on East Chester Bay, along with south of the following: Harrison, NY., Mamaroneck, NY., Larchmont, NY., Pelham, NY., New Rochelle, NY., Pelham Manor, NY., and East Chester, NY. Also, around the following islands and features: Hart, City, Davids, Pea, Hen, Glen, Hunter and Huckleberry, the Scotch Caps, Middle Gorund, Execution Rocks, Gangway Rocks, Porgy Shoal and Hen and Chickens Rocks, along with the Hutchinson River, Mamaroneck Harbor, Milton Harbor, and Larchmont Harbor.

Species	Eggs	Larvae	Juveniles	Adults
Atlantic cod (<i>Gadus morhua</i>)			X	X
pollock (<i>Pollachius virens</i>)			X	X
red hake (<i>Urophycis chuss</i>)	X	X	X	X
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X

windowpane flounder (<i>Scopthalmus aquosus</i>)	X	X	X	X
Atlantic sea herring (<i>Clupea harengus</i>)		X	X	X
bluefish (<i>Pomatomus saltatrix</i>)			X	X
Atlantic butterfish (<i>Peprilus triacanthus</i>)		X	X	X
Atlantic mackerel (<i>Scomber scombrus</i>)			X	X
summer flounder (<i>Paralichthys dentatus</i>)		X	X	X
scup (<i>Stenotomus chrysops</i>)	X	X	X	X
black sea bass (<i>Centropristus striata</i>)	n/a		X	X
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>Odontaspis taurus</i>)		X		

Summary of Essential Fish Habitat (EFH) Designation

Western Long Island Sound Disposal Site

10' x 10' Square Coordinates:

Boundary	North	East	South	West
Coordinate	41° 00.0' N	73° 20.0' W	40° 50.0' N	73° 30.0' W

Square Description (i.e. habitat, landmarks, coastline markers): Atlantic Ocean waters within the square within Long Island Sound affecting the following: on the north shore of Long Island from just north of Northport, NY., to Cooper Bluff, NY. on Cove Neck, west of Cold Spring Harbor, NY. These waters are north of the following: Northport., NY, Eatons Neck, Northport Bay, Little Neck, East Neck, West Neck, and Lloyd Neck, Huntington, NY., Greenlawn, NY., Centerport, NY., Woodbury, NY., and Huntington Bay. Also, there is a discontinued dumping ground along with a present disposal area, both on the northern boundary of the square, south of Noroton

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Heights, CT. and South Norwalk, CT.

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			
witch flounder (<i>Glyptocephalus cynoglossus</i>)				
winter flounder (<i>Pseudopleuronectes americanus</i>)	X	X	X	X
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>)				

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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>)	X	X	X	X
summer flounder (<i>Paralichthys dentatus</i>)			X	
scup (<i>Stenotomus chrysops</i>)	X	X	X	X
black sea bass (<i>Centropristis striata</i>)	n/a		X	
surf clam (<i>Spisula solidissima</i>)	n/a	n/a		
ocean quahog (<i>Artica islandica</i>)	n/a	n/a		
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		

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Summary of Essential Fish Habitat (EFH) Designation

10' x 10' Square Coordinates: Central Long Island Sound Disposal Site

Boundary	North	East	South	West
Coordinate	41° 10.0' N	72° 50.0 W	41° 00.0' N	73° 00.0 W

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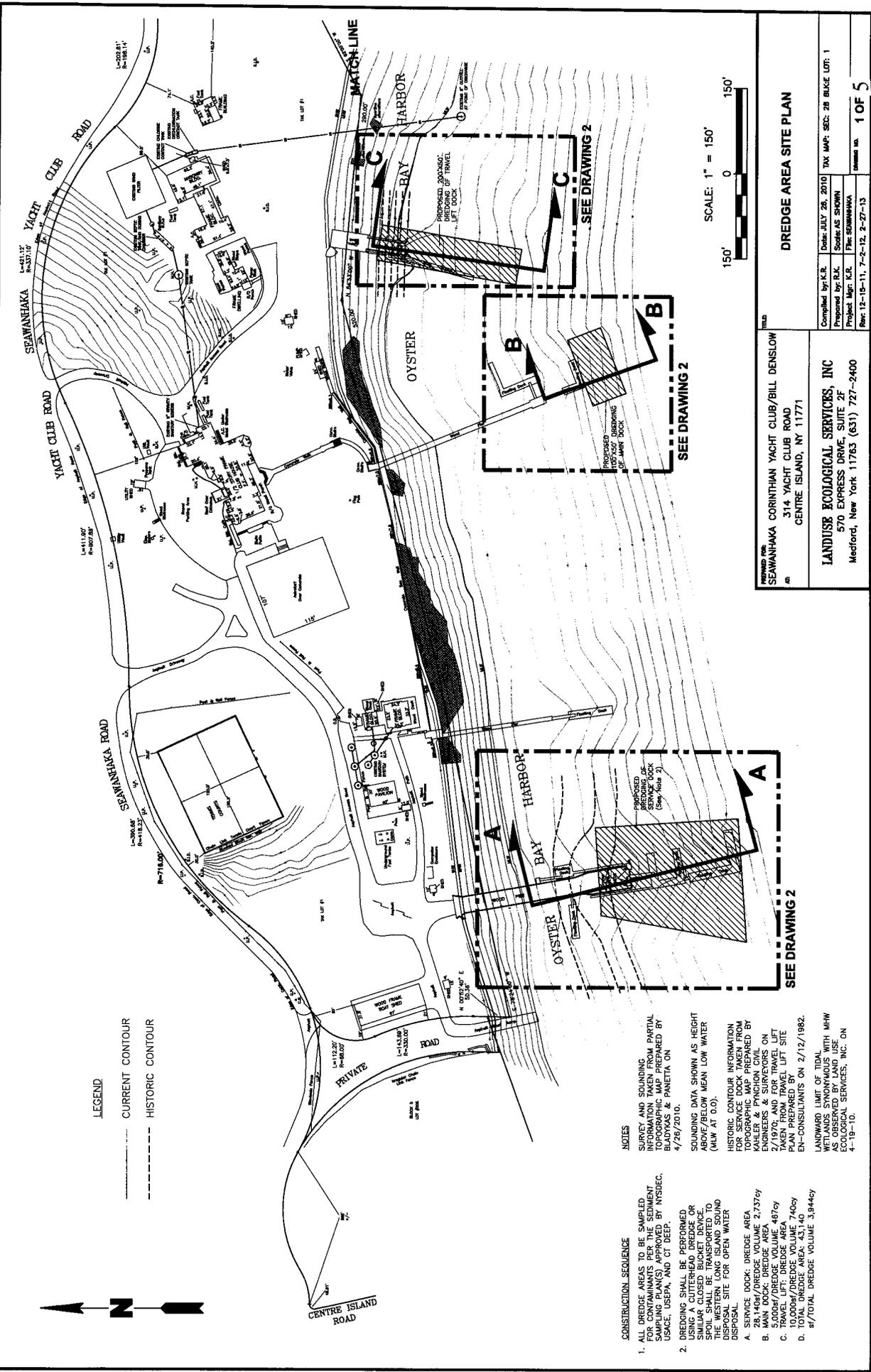
Square Description (i.e. habitat, landmarks, coastline markers): Atlantic Ocean waters within the square within Long Island Sound affecting the following: one square south of the waters within the square south of New Haven, CT. In this square there is a dumping ground on the northeast corner.

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Species	Eggs	Larvae	Juveniles	Adults
Atlantic salmon (<i>Salmo salar</i>)			X	X
pollock (<i>Pollachius virens</i>)			X	X
whiting (<i>Merluccius bilinearis</i>)				X
red hake (<i>Urophycis chuss</i>)	X	X	X	X
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
windowpane flounder (<i>Scopthalmus aquosus</i>)	X	X	X	X
American plaice (<i>Hippoglossoides platessoides</i>)			X	X
Atlantic sea herring (<i>Clupea harengus</i>)			X	X
bluefish (<i>Pomatomus saltatrix</i>)			X	X
Atlantic mackerel (<i>Scomber scombrus</i>)	X	X	X	X
summer flounder (<i>Paralichthys dentatus</i>)			X	
scup (<i>Stenotomus chrysops</i>)	X	X	X	X

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black sea bass (<i>Centropristus striata</i>)	n/a		X	
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>Odontaspis taurus</i>)		X		



LEGEND
 --- CURRENT CONTOUR
 - - - - - HISTORIC CONTOUR

CONSTRUCTION SEQUENCE

1. ALL DREDGE AREAS TO BE SAMPLED FOR CONTAMINANTS PER THE SEDIMENT SAMPLING PROTOCOL ESTABLISHED BY USACE, USEPA, AND CT DEEP SEASONS. DATA TO BE PROVIDED BY 4/26/2010.
2. DREDGING SHALL BE PERFORMED USING CUTTERHEAD DREDGE OR SIMILAR CLOSED BUCKET DEVICE. SPOIL SHALL BE TRANSPORTED TO THE WESTERN LONG ISLAND SOUND DISPOSAL SITE FOR OPEN WATER DISPOSAL.
 - A. SERVICE DOCK, DREDGE AREA 28,140sf/DREDGE VOLUME 2,737cy
 - B. MAIN DOCK, DREDGE AREA 5,000sf/DREDGE VOLUME 487cy
 - C. 10,000sf/DREDGE VOLUME 740cy
 - D. TOTAL DREDGE AREA 43,140 sf/TOTAL DREDGE VOLUME 3,944cy

NOTES

SURVEY AND SOUNDING INFORMATION TAKEN FROM PARTIAL SURVEY OF OYSTER BAY HARBOR BY BLADYKAS & PANETTA ON 4/26/2010.

SOUNDING DATA SHOWN AS HEIGHT ABOVE MEAN LOW WATER (MLW AT 0.0).

HISTORIC CONTOUR INFORMATION TAKEN FROM 1970 TOPOGRAPHIC MAP PREPARED BY KAHLER & PANCHON CIVIL ENGINEERS & SURVEYORS ON 7/19/70 AND FOR TRAVEL LIFT PLAN PREPARED BY EN-CONSULTANTS ON 2/12/1982.

LANDWARD LIMIT OF TIDAL WETLANDS SYNONYMOUS WITH MHW AS OBSERVED BY LAND USE ECOLOGICAL SERVICES, INC. ON 4-19-10.

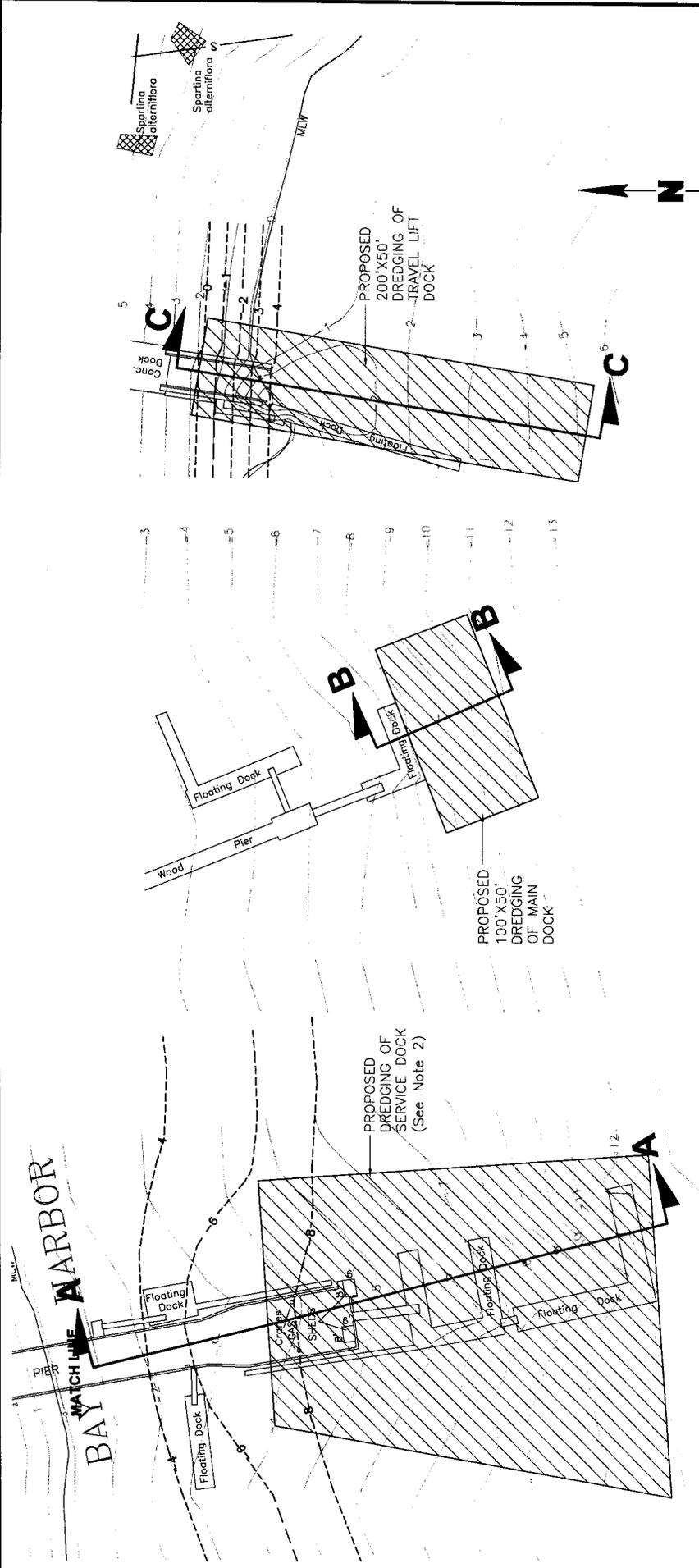
SCALE: 1" = 150'
 150' 0 150'

DREDGE AREA SITE PLAN

SEAMANHAKA CORINTHIAN YACHT CLUB/BILL DENSLAW
 314 YACHT CLUB ROAD
 CENTRE ISLAND, NY 11771

LANDUSE ECOLOGICAL SERVICES, INC
 570 EXPRESS DRIVE, SUITE 2F
 Medford, New York 11763 (631) 727-2400

Compiled by: K.R.	Date: JULY 26, 2010	TAX MAP: SEC. 28 BLKGE LOT: 1
Prepared by: K.R.	Scale: AS SHOWN	
Project Mgr: K.R.	File: SEAMANHAKA	
Rev: 12-15-11, 7-2-12, 2-27-13	Drawn by: [Blank]	Sheet No. 1 OF 5



CONSTRUCTION SEQUENCE

1. ALL DREDGE AREAS TO BE SAMPLED FOR CONTAMINANTS PER THE SEDIMENT QUALITY CRITERIA BY NISDEC, USACE, USEPA, AND CT DEEP.
2. DREDGING SHALL BE PERFORMED USING A CUTTERHEAD DREDGE OR SIMILAR CLOSED BUCKET DEVICE. SPOIL SHALL BE TRANSPORTED TO THE WESTERN LONG ISLAND SOUND DISPOSAL SITE FOR OPEN WATER DISPOSAL.
 - A. SERVICE DOCK: DREDGE AREA 28,146sf/DREDGE VOLUME 2,737cy
 - B. MAIN DOCK: DREDGE AREA 5,000sf/DREDGE VOLUME 467cy
 - C. 100'x50' DREDGE VOLUME 746cy
 - D. TOTAL DREDGE AREA: 43,146 sf/TOTAL DREDGE VOLUME 3,944cy

NOTES

SURVEY AND SOUNDING INFORMATION TAKEN FROM PARTIAL SURVEY CONDUCTED BY BLADYKAS & PANETTA ON 4/26/2010.

SOUNDING DATA SHOWN AS HEIGHT ABOVE/BELONG MEAN LOW WATER (MLW AT 0.0).

HISTORIC CONTOUR INFORMATION FOR THIS AREA WAS OBTAINED FROM TOPOGRAPHIC MAP PREPARED BY KAHLER & PINCHON CIVIL ENGINEERS & SURVEYORS ON 2/19/70, AND FOR TRAVEL LIFT DOCK CONSTRUCTION FROM THE PLAN PREPARED BY EN-CONSULTANTS ON 2/12/1982.

LANDWARD LIMIT OF TIDAL WETLANDS SYNCHRONOUS WITH MLW AS OBSERVED BY LAND USE ECOLOGICAL SERVICES, INC. ON 4-19-10.

LEGEND

--- CURRENT CONTOUR

--- HISTORIC CONTOUR

PROPOSED MAINTENANCE DREDGING SITE PLAN

PREPARED FOR: SEAWAHAKA CORINTHIAN YACHT CLUB/BILL DENSLAW

AT: 314 YACHT CLUB ROAD, CENTRE ISLAND, NY 11771

PREPARED BY: LANDUSE ECOLOGICAL SERVICES, INC. 570 EXPRESS DRIVE, SUITE 2F, Medford, New York 11763 (631) 727-2400

DATE: JULY 26, 2010

SCALE: AS SHOWN

PROJECT MGR.: K.R. FILE: SEAWAHAKA

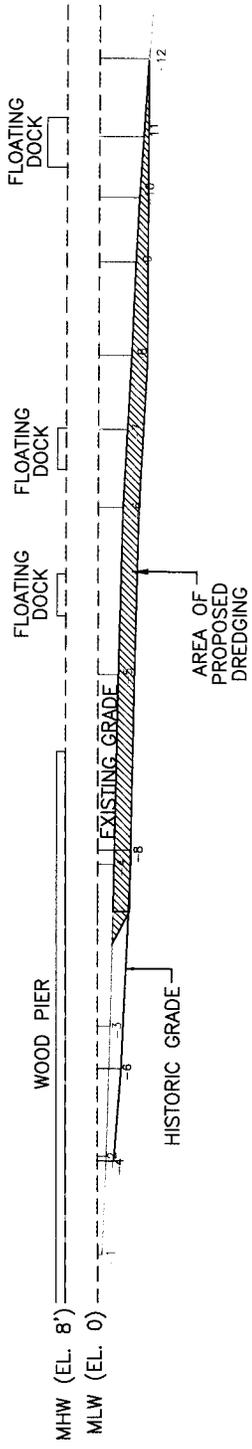
REVISION NO. 2 OF 5

Compiled by: K.R. Date: JULY 26, 2010 T.M. MAP. SEC. 2B BUKE LOT: 1

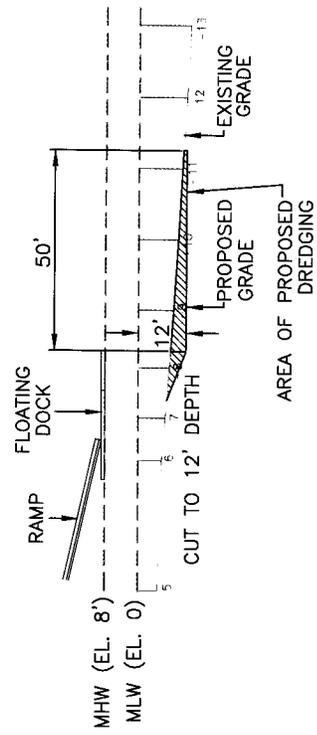
Prepared by: K.R. Scale: AS SHOWN

Project Mgr.: K.R. File: SEAWAHAKA

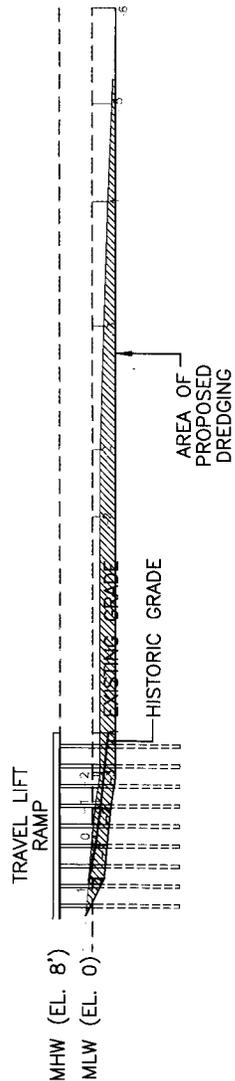
Rev: 12-15-11, 7-2-12, 2-27-13



SERVICE DOCK SECTION A-A
SCALE: 1" = 30'



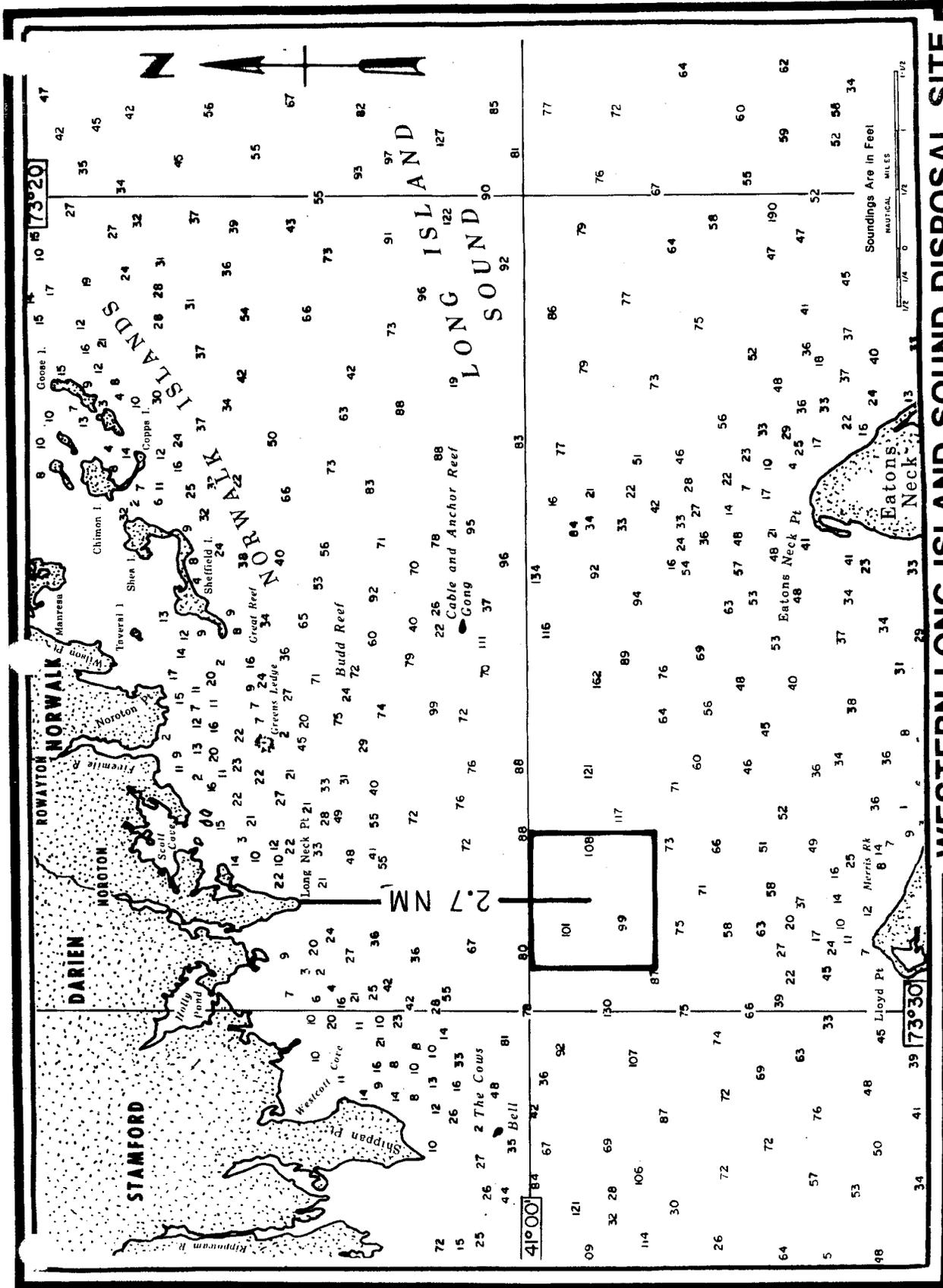
MAIN DOCK SECTION B-B
SCALE: 1" = 30'



TRAVEL LIFT SECTION C-C
SCALE: 1" = 30'

NOTE:
SIDE SLOPES ANGLE MAXIMUM 1V:3H.

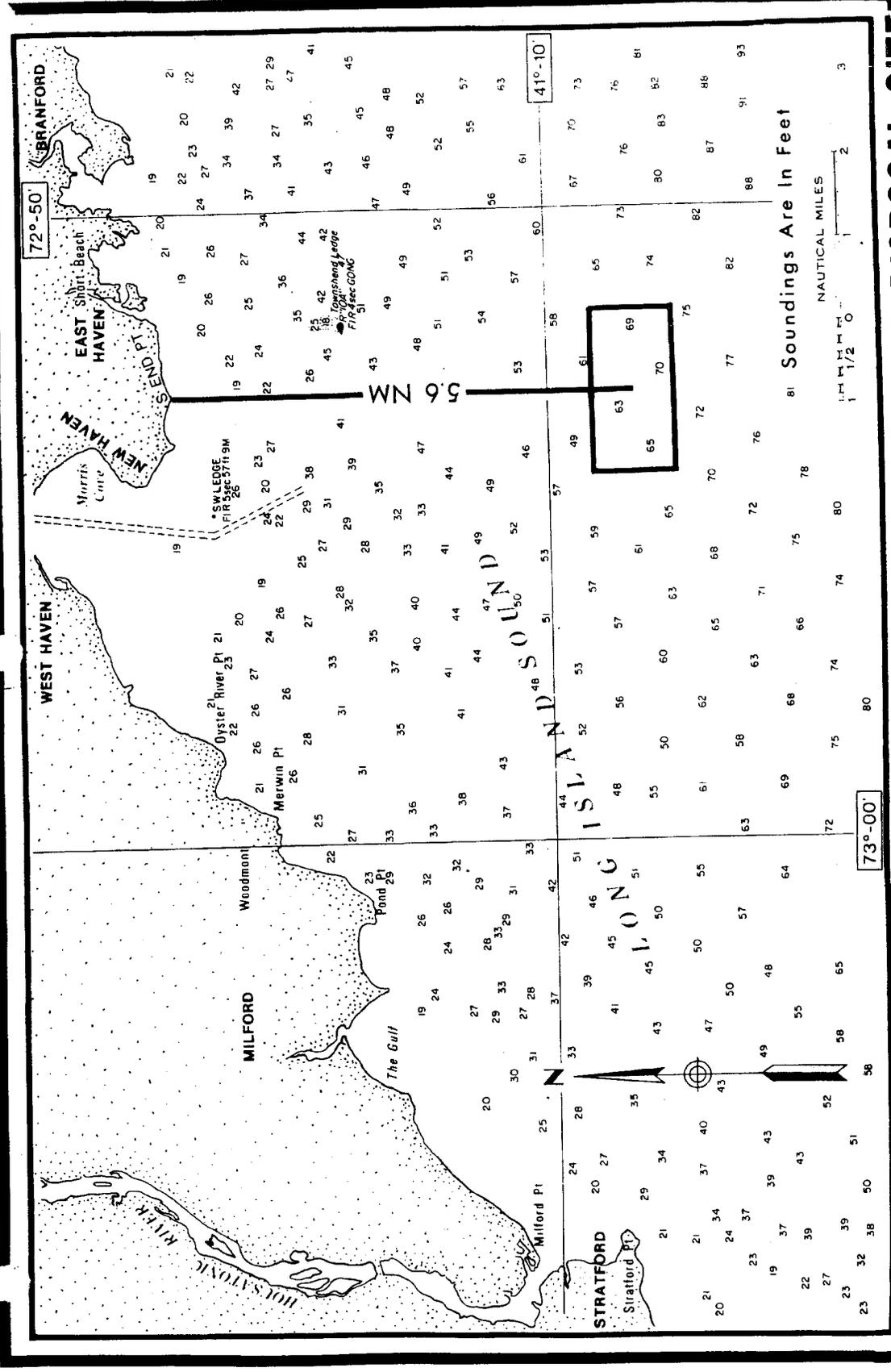
PROJECT NO. SEAWANAHKA CORINTHIAN YACHT CLUB/BILL DENSLAW 314 YACHT CLUB ROAD CENTRE ISLAND, NY 11771		SECTION VIEWS AND DETAILS	
Compiled by: K.R. Prepared by: R.K. Project Mgr.: K.R. Date: JULY 26, 2010 Scale: AS SHOWN File: SEAWANAHKA	T&E MAP: SEC: 28 BLK: LOT: 1 SHEET NO. 3 OF 5	Date: 12-15-11, 7-2-12, 11-13-12	
LANDUSE ECOLOGICAL SERVICES, INC 570 EXPRESS DRIVE, SUITE 2F Medford, New York 11763 (631) 727-2400		SHEET NO. 3 OF 5	



WESTERN LONG ISLAND SOUND DISPOSAL SITE

Description: A one-nautical-mile-square area with its center at 40°-59.4'N, 73°-28.7'W. From the center, Cable and Anchor Reef Lighted Gong Buoy R "24C" bears true 66° at 5,600 yards, and The Cows Lighted Bell Buoy R "32" bears true 291° at 4,400 yards. The authorized disposal point (within the overall disposal area) is specified for each dredging project in other project documents that also restrict site approach and departure to specified lanes. Depth Range: 79 to 113 feet MLW.

NOTE: The map depicts the disposal site's location in relation to landmarks. It is not intended for use in navigation.



CENTRAL LONG ISLAND SOUND DISPOSAL SITE

Description: This site is 2 nautical miles long by 1 nautical mile wide with the major axis running true east-west and center at 41°-08.95'N latitude and 72°-52.85'W longitude. From the center, Southwest Ledge Light bears true 345° at 10,750 yards and Townshend Ledge Lighted Gong Buoy No. "10-A" bears true 13° at 7,400 yards. This site is approximately 5.6 nautical miles off South End Point, East Haven. Depth Range: 49-75 feet MLW. The authorized disposal point (within the overall disposal area) is specified for each dredging project in other project documents.

NOTE: The map depicts the disposal site's location in relation to landmarks. It is not intended for use in navigation.