



# PUBLIC NOTICE

US Army Corps  
of Engineers  
New England District

696 Virginia Road  
Concord, MA 01742-2751

Date: 15 December 2009  
Comment Period Ends: 15 January 2010  
File Number: NAE-2009-1361  
In Reply Refer To: Michael J. Elliott  
Or by e-mail: Michael.j.elliott@usace.army.mil

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

## APPLICANT

The applicant is Warwick Cove Marina.

## ACTIVITY

To authorize maintenance dredging approximately 8000 cubic yards with disposal in a CAD cell in the Providence River. A 120-foot long steel sheet-pile bulkhead will be installed. A 350-foot long stone revetment will also be constructed to support and protect a salt marsh replanting. This marina project will also reconfigure existing slips and install new pile-secured floats.

## WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed in Warwick Cove at Seminole Street in Warwick, Rhode Island. It is Plat Number 376, Lot Numbers 159, 161, 162 and 224. The proposed location on the USGS East Greenwich, Rhode Island quadrangle sheet is at approximate Lat/Long coordinates 41-41'-17" N and 71-23'-39" 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 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).

This project will impact 1.95 acres of Essential Fish Habitat (EFH) for haddock (larvae), red hake (larvae, juveniles, adults), winter flounder (eggs, larvae, juveniles, adults), windowpane flounder (eggs, larvae, juveniles, adults), American plaice (larvae, juveniles, adults), Atlantic sea herring (larvae, juveniles, adults), bluefish (juveniles, adults), Atlantic mackerel (eggs, larvae, juveniles, adults), summer flounder (larvae, juveniles, adults), scup (eggs, larvae, juveniles, adults), black sea bass (juveniles, adults), king mackerel (eggs, larvae, juveniles, adults), Spanish mackerel (eggs, larvae, juveniles, adults) and cobia (eggs, larvae, juveniles, adults). This habitat consists of sands and silts. Loss of this habitat may adversely affect some of the above mentioned species. 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.

### **SECTION 106 COORDINATION**

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.

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:

- 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.

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 Elliott at (978) 318-8131, (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.

In accordance with 33 CFR 325.2(a)(8), we publish monthly a list of permits issued or denied during the previous month at [www.nae.usace.army.mil/reg](http://www.nae.usace.army.mil/reg), under the heading "Monthly General and Individual Permit Authorizations." Relevant environmental documents and the SOFs or RODs are available upon written request and, where applicable, upon the payment of administrative fees. Also visit [www.nae.usace.army.mil](http://www.nae.usace.army.mil) for more information on the New England District Corps of Engineers programs.

**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: \_\_\_\_\_

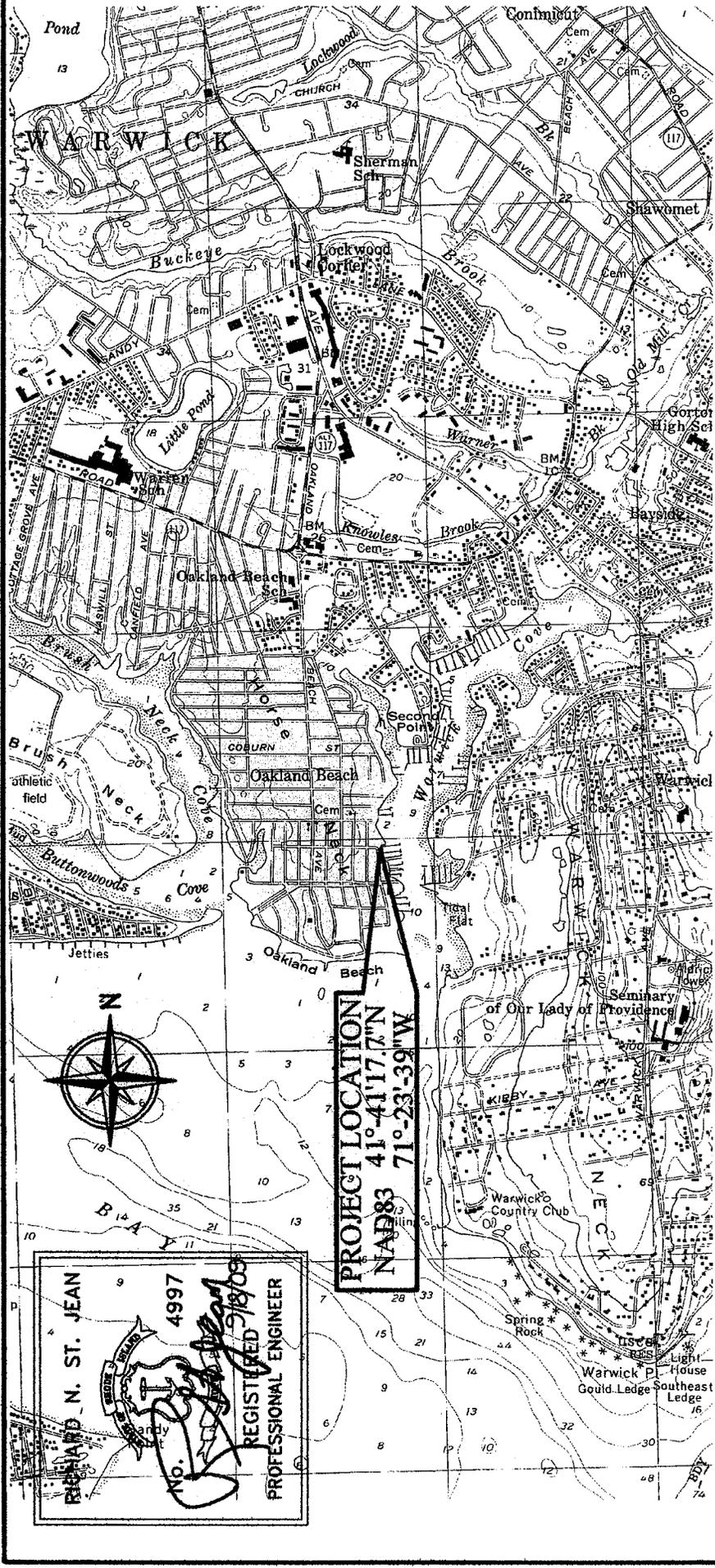
**PROPOSED WORK AND PURPOSE**

The site is a recreational marina located on the western shore of Warwick Cove approximately 0.3 miles from the mouth of the cove to the south. The project involves maintenance dredging by mechanical means 7995 cubic yards of fine sands in front of the proposed bulkhead and revetment within Warwick Cove. The dredged material will be disposed of in a confined aquatic disposal (CAD) cell in the Providence River. Dredge depth will be to a maximum of -6' at mean low water.

Existing slips will be reconfigured on E Dock in the northernmost part of the marina. The float configuration will remain the same on the A-D Docks in the central and southern portions of the marina. New pile-secured floats will also be installed on Dock E. On the south side of E Dock the thirteen existing finger floats will be replaced with ten 4' x 26' finger floats. On the north side of E Dock just seaward of the new marsh and revetment is a new 6' x 135' float with eleven 3' x 20' finger floats extending west. The existing center floats extending north off E Dock have been replaced with a 6' x 144' float with five 4' x 32' finger floats extending east and six 4' x 26' finger floats extending west. The most seaward (easterly) floats extending north off E Dock consist of a 6' X 165' float with five 4' x 36' finger floats extending east and five 4' x 32' fingers extending west.

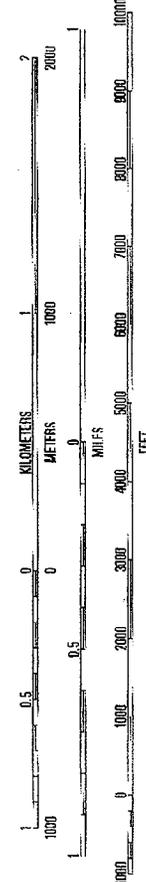
A 120' steel sheet-pile bulkhead will be installed landward of mean high water. The new bulkhead will tie into the existing timber bulkhead to the south with a return to the proposed stone revetment to the north. 350 linear feet of revetment is configured to allow two revetments to create a shelf for the salt marsh (*Spartina alterniflora*) re-establishment. 49 cubic yards of the dredge material will be used to provide an appropriate bed for the marsh plants to grow. The existing salt marsh is approximately 850 square feet; this is down from approximately 4750 square feet in 2004. The revetments will help support and protect the 5200 square foot salt marsh re-establishment between the inland (west) and seaward (east) revetments. There will be intertidal flooding of the area to be planted with marsh grass between the two revetments.

The work is described on the enclosed plans titled "WARWICK COVE MARINA, INC. 2 SEMINOLE STREET WARWICK, RHODE ISLAND 02889" dated "MAY 30, 2009" revised through "9/18/09".



**EDWARD N. ST. JEAN**  
 No. 4997  
 REGISTERED PROFESSIONAL ENGINEER  
 5/18/09

**PROJECT LOCATION**  
 NAD83 41°-41'17.7\"/>



CONTOUR INTERVAL 10 FEET  
 NATIONAL GEODETIC VERTICAL DATUM OF 1929  
 TO CONVERT FROM FEET TO METERS, MULTIPLY BY 0.3048

DEPTH CURVES AND SOUNDINGS IN FEET. DATUM: IS MEAN LOW WATER  
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 4.4 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
 FOR SALE BY U.S. GEOLOGICAL SURVEY, P.O. BOX 25286, DENVER, COLORADO 80225  
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	

ADJOINING 7.5' QUADRANGLE NAMES

1 NORTH SCITUAUTE
2 PROVIDENCE
3 EAST PROVIDENCE
4 CRIPPTON
5 BRISTOL
6 SLOCUM
7 WICKFORD
8 PROVIDENCE ISLAND

**ROAD CLASSIFICATION**

Primary highway  
 hard surface .....  
 Secondary highway  
 hard surface .....

Light-duty road, hard or  
 improved surface .....

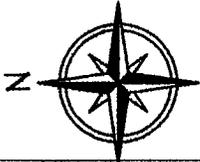
Unimproved road .....

Interstate Route U.S. Route State Route

**EAST GREENWICH, RI**  
 1996

NDMA 6767 III-NW-SERIES V815

<b>ST. JEAN ENGINEERING, LLC</b> <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	LOCATION: <b>WARWICK COVE MARINA</b> A.P. 376-LOTS, 159, 161, 162, 244, 248 WARWICK, RHODE ISLAND 02889	APPLICATION BY: <b>WARWICK COVE MARINA, INC.</b> 2 SEMINOLE STREET WARWICK, RHODE ISLAND 02889
	<b>USGS MAP - WARWICK COVE MARINA</b>	DATE <b>MAY 30, 2009</b> REVISIONS:



RICHARD N. ST. JEAN  
 4997  
 REGISTERED PROFESSIONAL ENGINEER  
 5/18/09



DATE MAY 30, 2009  
 REVISIONS:  
 SHEET OF 2 24

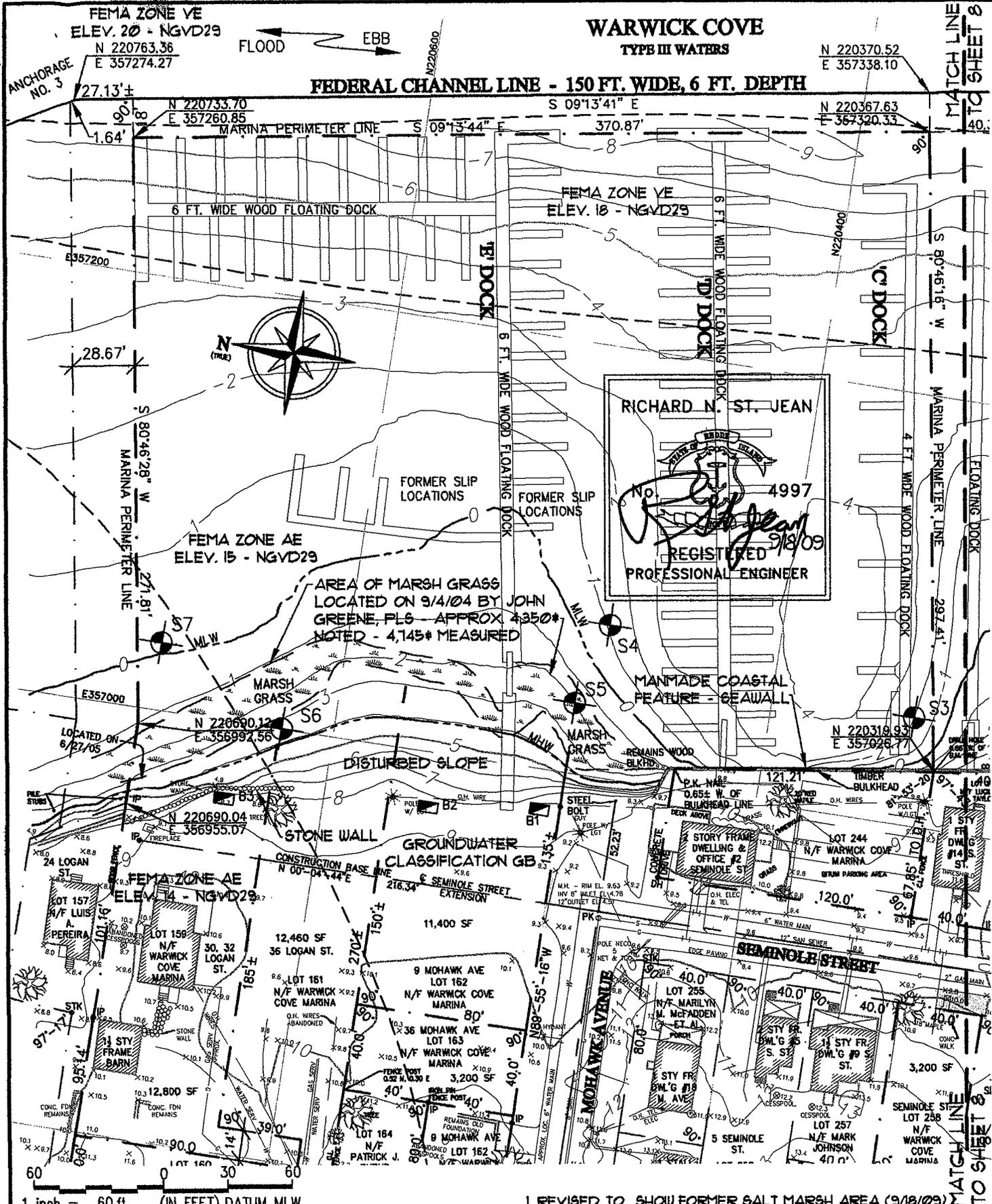
**LOCUS - WARWICK COVE MARINA**

APPLICATION BY: WARWICK COVE MARINA, INC.  
 2 SEMINOLE STREET  
 WARWICK, RHODE ISLAND 02889

WARWICK COVE MARINA  
 A.P. 316 LOTS 159, 161, 162, 244, 248  
 WARWICK, RHODE ISLAND 02889

**ST. JEAN ENGINEERING, LLC**

Civil and Structural Engineering  
 1145 Middle Rd., East Greenwich, RI 02818  
 Tel/Fax: (401)398-0999



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**WARWICK COVE MARINA**  
**EXISTING CONDITIONS PLAN 1 OF 2**

LOCATION: WARWICK COVE  
 AP 316, LOTS 159, 161-162,  
 244, & 202  
 WARWICK, RI, 02889

APPLICATION BY:  
 WARWICK COVE MARINA, INC.  
 2 SEMINOLE STREET  
 WARWICK, RHODE ISLAND 02889

DATE: MAY 30, 2009  
 REVISIONS: 9/18/09

SHEET OF  
 7 24

I REVISSED TO SHOW FORMER SALT MARSH AREA (9/18/09)

WARWICK COVE  
TYPE III WATERS

FLOOD ← EBB →

N 220370.52  
E 357338.10

N 220330.67  
E 357344.56

N 220241.01  
E 357359.13

900.00' FEDERAL CHANNEL LINE  
150 FT. WIDE, 6 FT. DEPTH

E 357400

N 220367.63  
E 357320.33

N 220327.79  
E 357326.80  
S 09°13'58" E 90.84'

N 220238.13  
E 357341.37

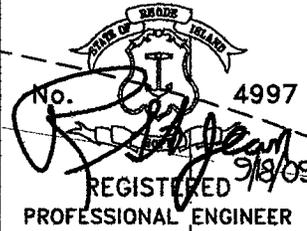
S 09°13'41" E

FEMA ZONE VE  
ELEV. 20 - NGVD29



FEMA ZONE VE  
ELEV. 18 - NGVD29

RICHARD N. ST. JEAN



FEMA ZONE AE  
ELEV. 15 - NGVD29

BULKHEAD LINE

MONUMENTED BULKHEAD REFERENCE LINE 2 FT WEST OF BULKHEAD LINE

21 SUBURBAN PKWY LOT 253 N/F EARLE M. STEERE, TRUSTEE

40 SEMINOLE ST.

LOT 252 N/F GANSETT REALTY, L.L.C.

48 SEMINOLE ST. LOT 254 N/F EARLE M. STEERE, TRUSTEE

GROUNDWATER CLASSIFICATION GB

TO M.H.W. (1989)  
111.92 TO B.M.  
154' +/-  
SUBURBAN PARKWAY

1 inch = 60 ft. (IN FEET) DATUM MLW

ST. JEAN ENGINEERING, LLC

WARWICK COVE MARINA  
EXISTING CONDITIONS PLAN - SHT. 2 OF 2

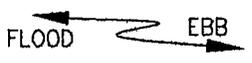
DATE MAY 30, 2009  
REVISIONS

Civil and Structural Engineering  
1145 Middle Rd., East Greenwich, RI 02818  
Tel/Fax: (401)398-0999

LOCATION: WARWICK COVE  
AP 376, LOTS 159, 161-162,  
244, & 202  
WARWICK, RI, 02889

APPLICATION BY:  
WARWICK COVE MARINA, INC.  
2 SEMINOLE STREET  
WARWICK, RHODE ISLAND 02889

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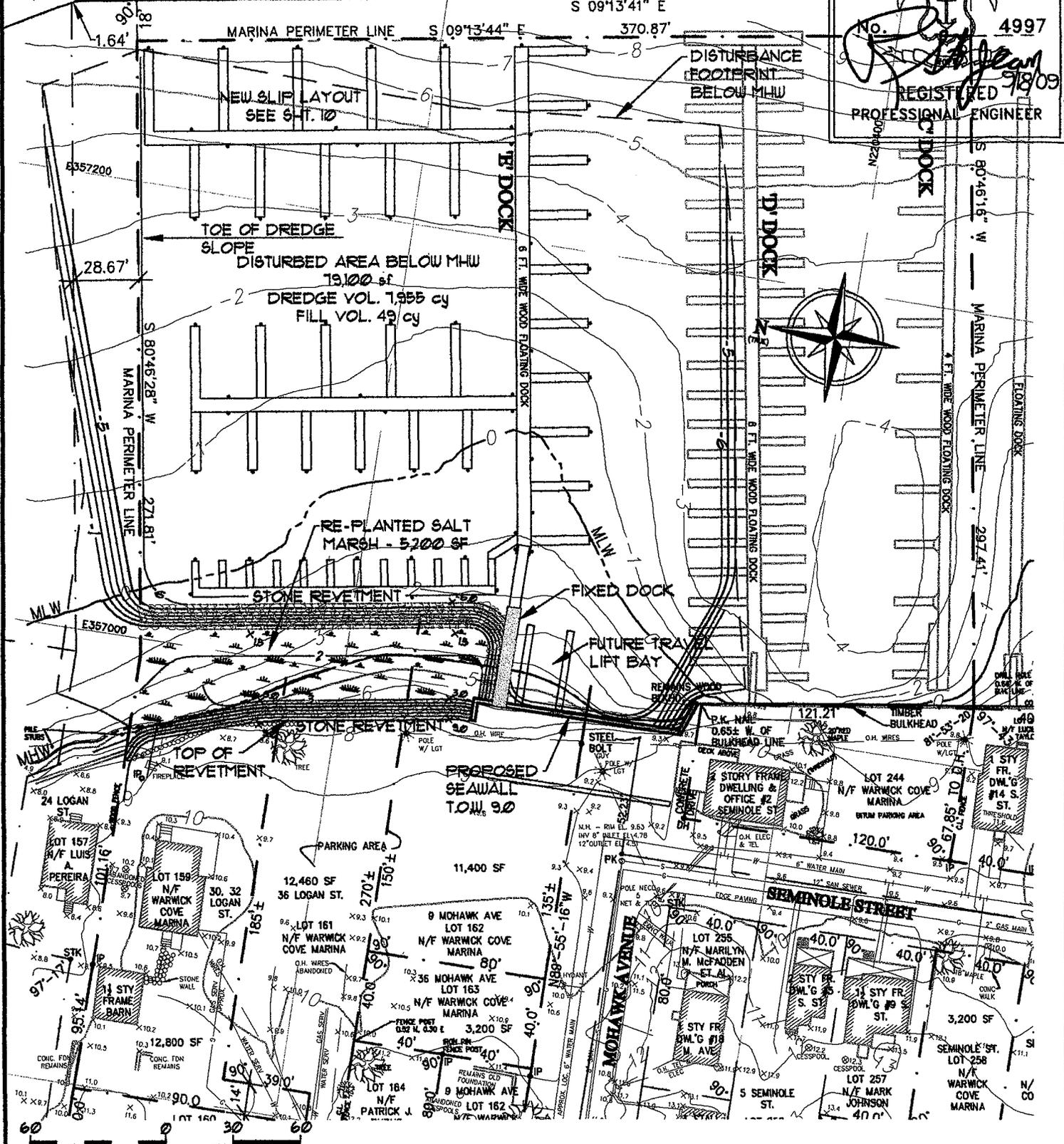


**WARWICK COVE**  
TYPE III WATERS

RICHARD N. ST. JEAN

**FEDERAL CHANNEL LINE - 150 FT. WIDE, 6 FT. DEPTH**

No. 4997  
  
 REGISTERED PROFESSIONAL ENGINEER



1 Inch = 60' (IN FEET) DATUM MLW

REVISION 1: REVISE DREDGE AREA FOR RE-CONSTRUCTED MARSH. 9-18-09

**ST. JEAN ENGINEERING, LLC**  
 Civil and Structural Engineering  
 1145 Middle Rd., East Greenwich, RI 02818  
 Tel/Fax: (401)398-0999

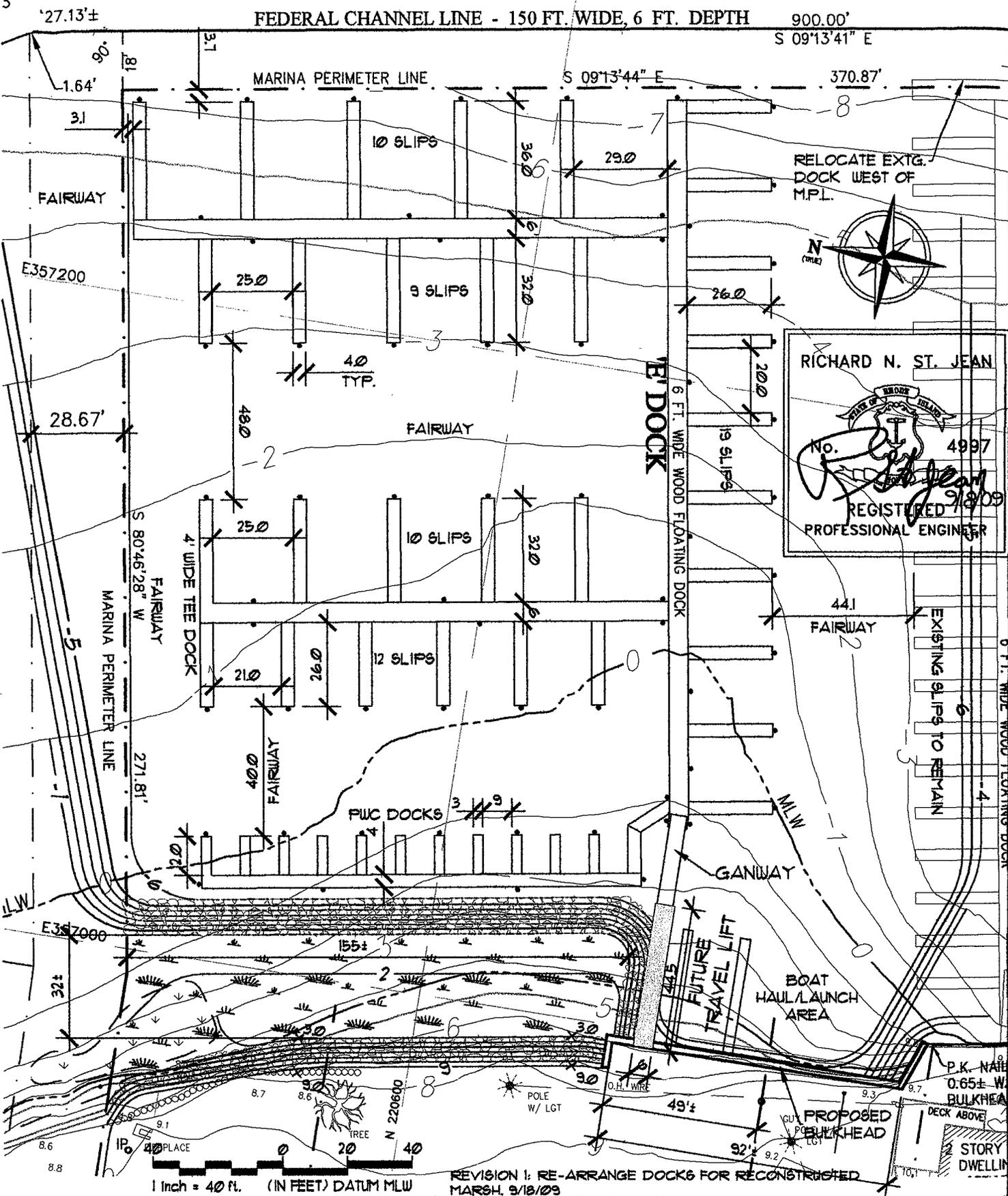
**WARWICK COVE MARINA**  
**PROPOSED DREDGE FOOTPRINT SHT. 1 OF 1**

LOCATION: WARWICK COVE  
 AP 376, LOTS 159, 161-162,  
 244, & 202  
 WARWICK, RI, 02889

APPLICATION BY:  
 WARWICK COVE MARINA, INC.  
 2 SEMINOLE STREET  
 WARWICK, RHODE ISLAND 02889

DATE MAY 30, 2009  
 REVISIONS 9/18/09

SHEET OF  
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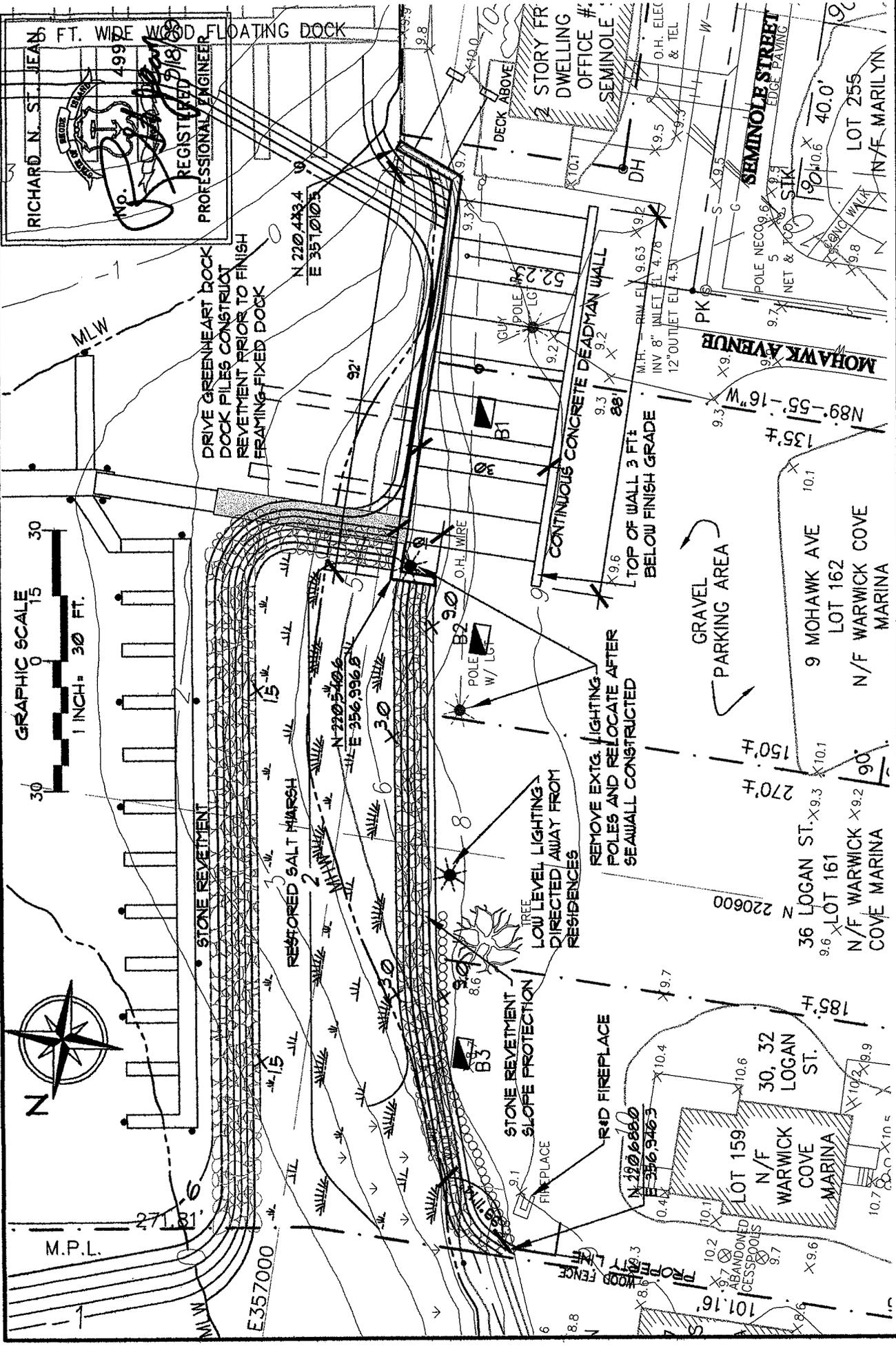
RELOCATE EXTG. DOCK WEST OF M.P.L.

**RICHARD N. ST. JEAN**  
 No. 4997  
 REGISTERED PROFESSIONAL ENGINEER

<p><b>ST. JEAN ENGINEERING, LLC</b>          Civil and Structural Engineering          1145 Middle Rd., East Greenwich, RI 02818          Tel/Fax: (401)398-0999</p>	<p align="center"><b>WARWICK COVE MARINA</b>  <b>PROPOSED REVISED DOCK LAYOUT</b></p> <p>LOCATION: WARWICK COVE          AP 376, LOTS 159, 161-162,          244, &amp; 202          WARWICK, RI, 02889</p> <p>APPLICATION BY:          WARWICK COVE MARINA, INC.          2 SEMINOLE STREET          WARWICK, RHODE ISLAND 02889</p>	<p>DATE MAY 30, 2009          REVISIONS 9/18/2009</p> <p>SHEET OF          10 24</p>
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1 Inch = 40 ft. (IN FEET) DATUM MLW

REVISION 1: RE-ARRANGE DOCKS FOR RECONSTRUCTED MARSH. 9/18/09



RICHARD N. ST. JEAN  
 4997  
 REG. P. 918/08  
 PROFESSIONAL ENGINEER

<b>St. Jean Engineering LLC</b> Civil and Structural Engineering 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	<b>PROPOSED SHORELINE PROTECTION - LOCATION PLAN</b>		DATE MAY 30, 2009 REVISIONS 9/10/2009
	LOCATION: WARWICK COVE AP 316, Lots 159, 161-162, 244, & 202 WARWICK, RI, 02889	APPLICATION BY: WARWICK COVE MARINA, INC. 2 SEMINOLE STREET WARWICK, RHODE ISLAND 02899	REVISIONS: 1. REVISE BULKHEAD, ADD REVITEMENTS 9-18-09