



**US Army Corps
of Engineers** ®
New England District

696 Virginia Road
Concord, MA 01742-2751

PUBLIC NOTICE

Date: October 5, 2004

Comment Period Ends: November 5, 2004

File Number: SENESCO/ NAE-2004-2767

RIEDC/NAE-2004-2989

In Reply Refer To: Stephen D. DiLorenzo

Or by e-mail: Stephen.d.dilorenzo@usace.army.mil

THIS IS A JOINT PUBLIC NOTICE

SOUTHEASTERN NEW ENGLAND SHIPBUILDING CORPORATION (SENESCO), 10 MACNAUGHT STREET, QUONSET POINT, NORTH KINGSTOWN, RHODE ISLAND 02852 has requested a Corps of Engineers permit under Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act, to perform improvement dredging in an area of approximately 66,000 square feet to 25' mean low water. The dredging will remove approximately 43,660 cubic yards of sediments by mechanical means from Narragansett Bay in North Kingstown, Rhode Island. The work is described on the enclosed plans entitled "SOUTHEASTERN NEW ENGLAND SHIPBUILDING CORPORATION", on 11 sheets, and dated "AUGUST 5, 2004".

The purpose of the dredging is to increase depths needed for the launching and retrieval capabilities of an existing ship building company.

The dredging portion of this project will impact approximately 66,000 square feet of Essential Fish Habitat (EFH) for list of species and life stages shown on sheets 4-6. Habitat at this site can be described as silt and sand. Loss of this habitat may adversely affect the habitat or species shown on sheets 4-6. 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.

This project is located on the USGS WICKFORD quadrangle sheet at UTM coordinates 460615 N and 29800 E.

RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION (RIEDC), 30 ENTERPRISE DRIVE, NORTH KINGSTOWN, RHODE ISLAND 02852 has requested a Corps of Engineers permit under Section 10 of the Rivers and Harbors Act of 1899 and Section 404 of the Clean Water Act, to perform maintenance dredging in an area of approximately 105,400 square feet to 8' mean low water. The dredging will remove approximately 5,560 cubic yards of sediments by mechanical means from Narragansett Bay in North Kingstown, Rhode Island. The work is described on the enclosed plans entitled "RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION, 1330 DAVISVILLE ROAD, NORTH KINGSTOWN, RHODE ISLAND 02852", on 11 sheets, and dated "AUGUST 20, 2004".

The purpose of the dredging is to reestablish required depth in the harbor and channel for the boaters wishing to use this area.

The dredging portion of this project will impact approximately 105,400 square feet of Essential Fish Habitat (EFH) for list of species and life stages shown on sheets 4-6. Habitat at this site can be described as silt and sand. Loss of this habitat may adversely affect the habitat or species shown on sheets 4-6. 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.

This project is located on the USGS WICKFORD quadrangle sheet at UTM coordinates 461000 N and 29850 E.

The disposal of the dredged material for both projects is proposed for the CAD cells that are located at the upper reach of the Providence River in Providence, Rhode Island and shown on sheet 10. This is an open water site, which provides Essential Fish Habitat that is described on sheets 7-9. Loss of this habitat may adversely affect the habitat or species shown on sheets 7-9. 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.

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 Stephen D. DiLorenzo at (978) 318-8373, (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.



Robert J. DeSista
Chief, Permits & Enforcement Branch
Regulatory Division

SEE NEXT PAGE FOR
DETAILS OF EVALUATION
FACTORS

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.

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.

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)

Pursuant to the Endangered Species Act, the District Engineer is hereby requesting that the appropriate Federal Agency provide comments regarding the presence of and potential impacts to listed species or its critical habitat.

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.

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 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.

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. 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: _____

Summary of Essential Fish Habitat (EFH) Designation

10' x 10' Square Coordinates:

Boundary	North	East	South	West
Coordinate	41° 40.0' N	71° 20.0' W	41° 30.0' N	71° 30.0' W

Square Description (i.e. habitat, landmarks, coastline markers): Waters within the square within Narragansett Bay affecting the following: south of Rhode I., including the western half of the East Passage the West Passage, and the northern half of Conanicut Island. Also affected are: Calf Pasture Pt., Allen Harbor, Davisville Depot, Sauga Pt. and Poplar Pt. on Fishing Cove east of Wickford, RI., Lone Tree Pt., Wild Goose Pt., Fox I., Bissel Cove, Rome Pt, Green Pt., Plum Beach east of Barber Heights, RI., Casey Pt., Saunderstown, RI., and Dutch I., all on the mainland, and on Conanicut I., from Sand Pt., south to Jamestown, RI., west of the island along with Potter Cove and Taylor Pt. northeast of Jamestown, RI. on the east side of the island. Other important areas affected: National Estuarine Sanctuaries around Hope I., Despair I., and Gooseberry I., and around the northwest portion of Prudence I., including Potter Cove, Gull Pt., Bear Pt., Providence Pt., Coggeshall Cove, Sheep Pen Cove, and Pine Hill Pt. Also affected are, Patience I. and the very tip of Warwick Pt. on Warwick Neck, south of Warwick, RI., the waters within and around Greenwich Cove east of East Greenwich, RI., and waters around Potowomut Neck on Greenwich Bay, including on the Potowomut River" Sandy Pt., Marsh Pt., Pojac Pt., and Bluff Pt, the Potowomut River, Tibbets Creek, Mount View, RI., Cold Spring Rock, Round Rock, Hunt Ledge, and Flat Rock, Old Seargent, and the Annaquatacut River.

Species	Eggs	Larvae	Juveniles	Adults
Atlantic cod (<i>Gadus morhua</i>)				
haddock (<i>Melanogrammus aeglefinus</i>)		X		
pollock (<i>Pollachius virens</i>)				
whiting (<i>Merluccius bilinearis</i>)				
red hake (<i>Urophycis chuss</i>)		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>Pleuronectes americanus</i>)	X	X	X	X
yellowtail flounder (<i>Pleuronectes ferruginea</i>)				
windowpane flounder (<i>Scopthalmus aquosus</i>)	X	X	X	X
American plaice (<i>Hippoglossoides platessoides</i>)		X	X	X
ocean pout (<i>Macrozoarces americanus</i>)				
Atlantic sea scallop (<i>Placopecten magellanicus</i>)				
Atlantic sea herring (<i>Clupea harengus</i>)		X	X	X
monkfish (<i>Lophius americanus</i>)				
bluefish (<i>Pomatomus saltatrix</i>)			X	X
long finned squid (<i>Loligo pealei</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</i>)		X	X	X

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

Summary of Essential Fish Habitat (EFH) Designation

10' x 10' Square Coordinates:

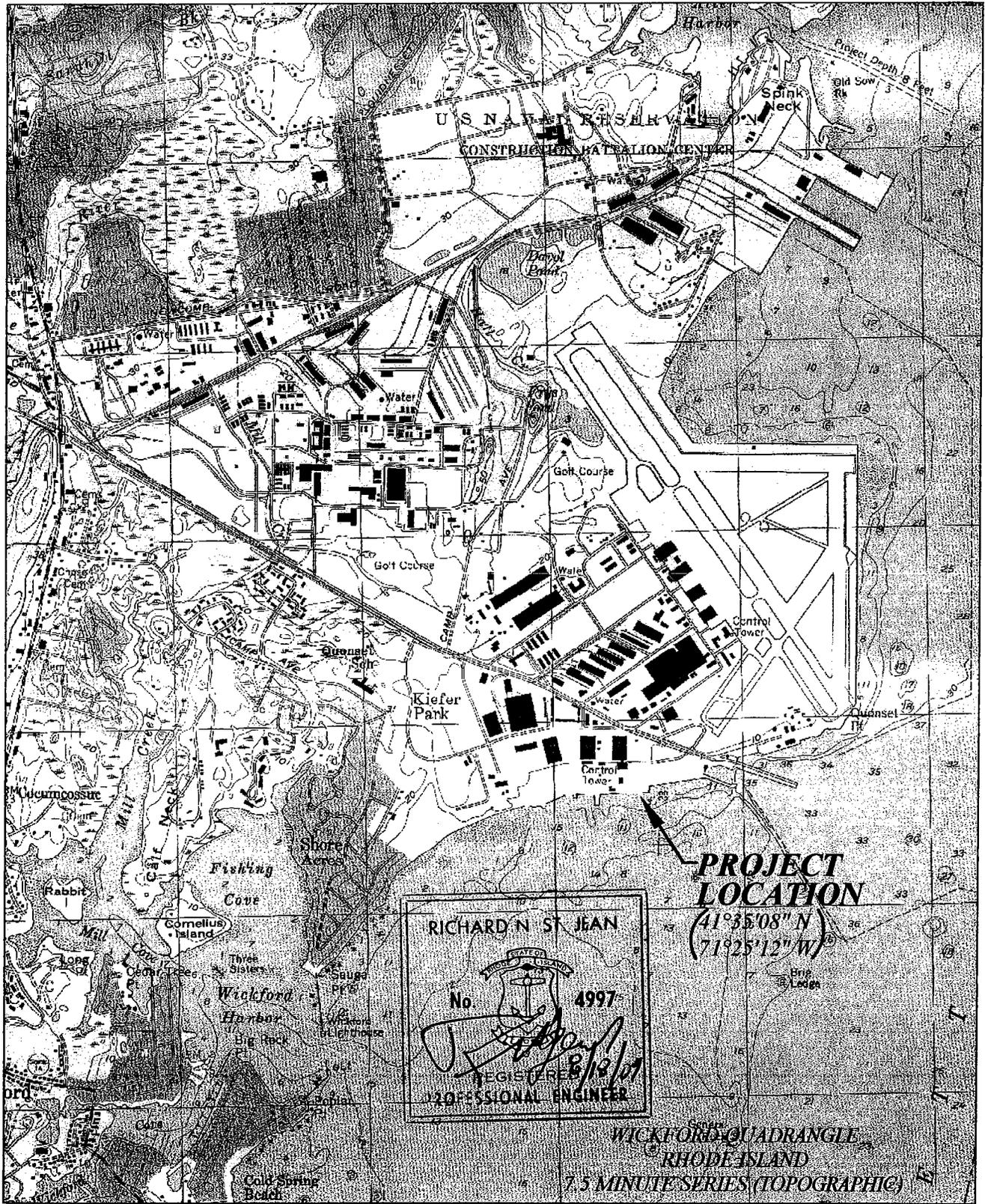
Boundary	North	East	South	West
Coordinate	41° 50.0' N	71° 20.0' W	41° 40.0' N	71° 30.0' W

Square Description (i.e. habitat, landmarks, coastline markers): The waters within the square within the Providence River, within Narragansett Bay, affecting all cities, towns, and features within or adjacent to it, from Nayatt Pt. and south of Nayatt, RI., north, as well as from Warwick Pt. north. Also, these waters affect within and around Greenwich Bay, northeast of East Greenwich, RI., and north of Sally Rock Pt. on Potowomut Neck, and all other towns, cities, and features within or adjacent to those waters including Apponaug Cove, Buttonwoods Cove, Brush Neck Cove, and Warwick Cove.

Species	Eggs	Larvae	Juveniles	Adults
Atlantic cod (<i>Gadus morhua</i>)				
haddock (<i>Melanogrammus aeglefinus</i>)		X		
pollock (<i>Pollachius virens</i>)				
whiting (<i>Merluccius bilinearis</i>)				
offshore hake (<i>Merluccius albidus</i>)				
red hake (<i>Urophycis chuss</i>)		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>Pleuronectes americanus</i>)	X	X	X	X
yellowtail flounder (<i>Pleuronectes ferruginea</i>)				
windowpane flounder (<i>Scopthalmus aquosus</i>)	X	X	X	X
American plaice (<i>Hippoglossoides platessoides</i>)		X	X	X
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	X
monkfish (<i>Lophius americanus</i>)				
bluefish (<i>Pomatomus saltatrix</i>)			X	X
long finned squid (<i>Loligo pealei</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</i>)	X	X	X	X

<i>scombrus</i>)				
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
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



RICHARD N. ST JEAN
 No. 4997
 REGISTERED PROFESSIONAL ENGINEER
 8/10/04

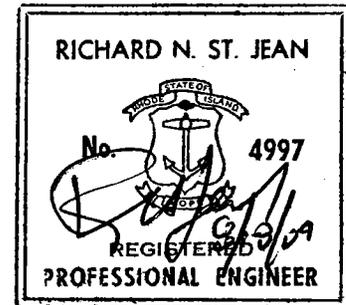
PROJECT LOCATION
 (41°35'08" N)
 (71°25'12" W)

WICKFORD QUADRANGLE
 RHODE ISLAND
 7.5 MINUTE SERIES (TOPOGRAPHIC)

ST. JEAN ENGINEERING, LLC <i>Civil and Structural Engineering</i> 1145 Middle Road East Greenwich, RI 02818 Tel/Fax: (401)398-0999	SOUTHEASTERN NEW ENGLAND SHIPBUILDING CORPORATION U.S.G.S. MAP	DATE AUGUST 5, 2004
LOCATION 10 MACNAUGHT STREET PLAT NO. 185, LOT 2 QUONSET POINT NORTH KINGSTOWN, RI 02852	APPLICATION BY: SENESCO 10 MACNAUGHT STREET NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF

GENERAL NOTES:

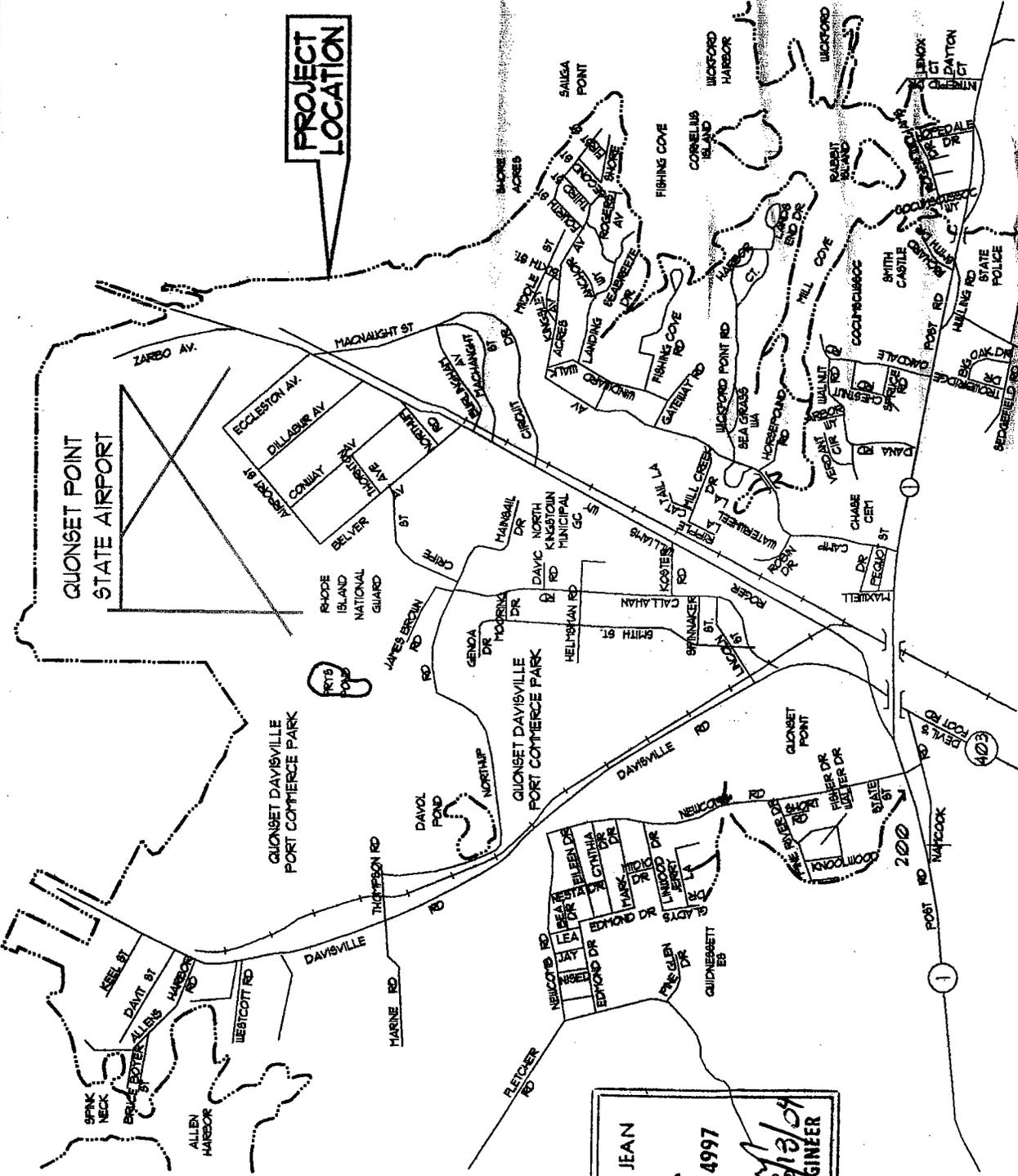
1. PHOTOGRAPHIC MAPPING WAS OBTAINED FROM THE RI. ECONOMIC DEVELOPMENT CORPORATION HORIZONTAL DATUM - R.I.S.P.C.S., N.A.D. 1983, VERTICAL DATUM N.G.V.D. 1988 M.L.W. THE R.I.E.D.C. DOES NOT WARRANTY THE ACCURACY OF INFORMATION CONTAINED ON THIS PLAN RELATING TO THE PHOTOGRAMMETRIC MAPPING SUPPLIED BY R.I.E.D.C. TO THE ENGINEER. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO VERIFY INFORMATION SHOWN ON THIS PLAN PRIOR TO THE START OF CONSTRUCTION.
2. ALL ELEVATIONS ARE MEAN LOW WATER (MLW) NAVD 88.
3. UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATION AS OBTAINED FROM DRAWINGS SUPPLIED BY THE RI. ECONOMIC DEVELOPMENT CORPORATION. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES, GRADES, AND DIMENSIONS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY DIG SAFE AND VERIFY EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO START OF ANY CONSTRUCTION. THERE ARE ACTIVE WATER LINES NEAR THE PROPOSED BUILDINGS, R.I.E.D.C. AND THE ENGINEER ASSUMES NO LIABILITY FOR DAMAGE IF LINE BREACHES. CLIENT ASSUMES RESPONSIBILITY TO PROPERLY RELOCATE THEIR UTILITY LINES TO FACILITATE REPAIR/REPLACEMENT OF LINE.
4. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL, STATE, FEDERAL, AND UTILITY COMPANY REQUIREMENTS.
5. THE CONTRACTOR SHALL PROVIDE THE ENGINEER AND OWNER WITH AS-BUILT DRAWINGS SHOWING THE ACTUAL DEPTH OF DREDGING PERFORMED UNDER THIS CONTRACT UPON COMPLETION OF THE PROJECT.
6. PAYMENT FOR QUANTITY DREDGED SHALL BE BASED SOLEY ON PRE-DREDGE AND POST DREDGE SURVEYS. PRE-DREDGE SURVEY SHALL BE PERFORMED NO EARLIER THAN 6 MONTHS PRIOR TO COMMENCEMENT OF WORK. POST DREDGE SURVEY SHALL BE PERFORMED NO LATER THAN 4 MONTHS AFTER COMPLETION OF THE WORK.
7. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO NEW CONSTRUCTION. REPORT TO THE ENGINEER ALL OBSERVATIONS AND DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.
8. HYDROGRAPHIC SURVEY PERFORMED BY HYDRO DATA, INC., JULY 9, 2003.



RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION NOTES:

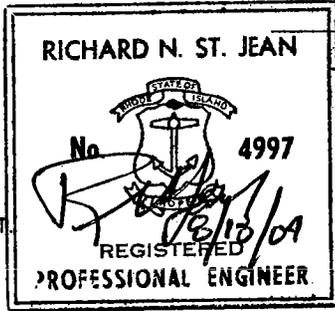
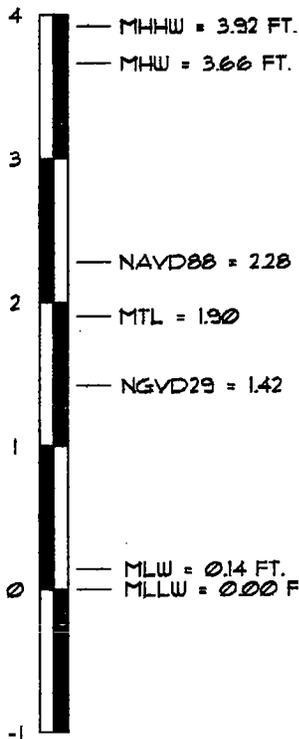
1. ALL INFORMATION ON THIS PLAN IS SUBJECT TO THE USER'S FIELD VERIFICATION. THE R.I.E.D.C. DOES NOT WARRANTY THE ACCURACY OF ANY INFORMATION CONTAINED ON THIS PLAN.
2. PARCELS SUBJECT TO EXHIBIT "D" REGARDING UTILITIES AND ACCESS AND SERVICES AGREEMENT.
3. UTILITIES PLOTTED FROM BEST AVAILABLE INFORMATION AND SUBJECT TO FIELD VERIFICATION.
4. ALL ELEVATIONS AT MEAN LOW WATER.

ST. JEAN ENGINEERING, LLC <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	SOUTHEASTERN NEW ENGLAND SHIPBUILDING CORPORATION GENERAL NOTES		DATE AUGUST 5, 2004
	LOCATION: 10 MACNAUGHT STREET FLAT NO. 105, LOT 2 QUONSET POINT NORTH KINGSTOWN, RI 02852	APPLICATION BY: SENESCO 10 MACNAUGHT STREET NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF 3 11



RICHARD N. ST. JEAN
 No. 4997
 REGISTERED PROFESSIONAL ENGINEER
 (Signature)

DATE AUGUST 5, 2004	SOUTHEASTERN NEW ENGLAND SHIPBUILDING CORPORATION LOCUS MAP	APPLICATION BY: 10 MACNAUGHT STREET FLAT NO. 185, LOT 2 QUONSET POINT NORTH KINGSTOWN, RI 02852	ST. JEAN ENGINEERING, LLC Civil and Structural Engineering 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999
SHEET OF 2 11			



LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING SEWER
- PROPOSED SEWER
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING MANHOLE
- PROPOSED MANHOLE
- EXISTING CATCH BASIN
- EXISTING BUILDING
- PROPOSED BUILDING
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- EXISTING STONE WALL
- EXISTING FENCE LINE
- FLOOD ZONE BOUNDARY
- EXISTING HYDRANT
- EXISTING POLE
- SHORE LINE
- EXISTING SIGN POST
- EXISTING RAIL TRACKS
- SITE LIGHTING
- LEASE LINE

ELEVATION INFORMATION FOR
 PID = LW0493, VM = 221
 STATION ID: 8452660

LOCATION:
 AT NEWPORT, AT THE U.S. NAVAL BASE,
 COASTERS HARBOR ISLAND, SET IN
 THE TOP AND 13 FEET SOUTHWEST OF
 THE NORTHEAST END OF A CONCRETE
 SLAB, LOCATED AT THE INTERSECTION
 OF LUCE AVENUE AND PERRY ROAD.

ABBREVIATIONS

U. O. N.	UNLESS OTHERWISE NOTED
N. T. S.	NOT TO SCALE
I. A. W.	IN ACCORDANCE WITH
TYP.	TYPICAL
R & D	REMOVE AND DISPOSE
BIT.	BITUMINOUS CONCRETE
F. F.	FINISH FLOOR
T. O. F.	TOP OF FOUNDATION
C. Y.	CUBIC YARD
S. F.	SQUARE FOOT
S.J.E.	ST. JEAN ENGINEERING LLC

EXTG.	EXISTING
SMH	SEWER MANHOLE
DMH	DRAINAGE MANHOLE
MIN.	MINIMUM
HDG	HOT DIPPED GALVANIZED
SS	STAINLESS STEEL

ST. JEAN ENGINEERING, LLC

**SOUTHEASTERN NEW ENGLAND
 SHIPBUILDING CORPORATION
 LEGEND**

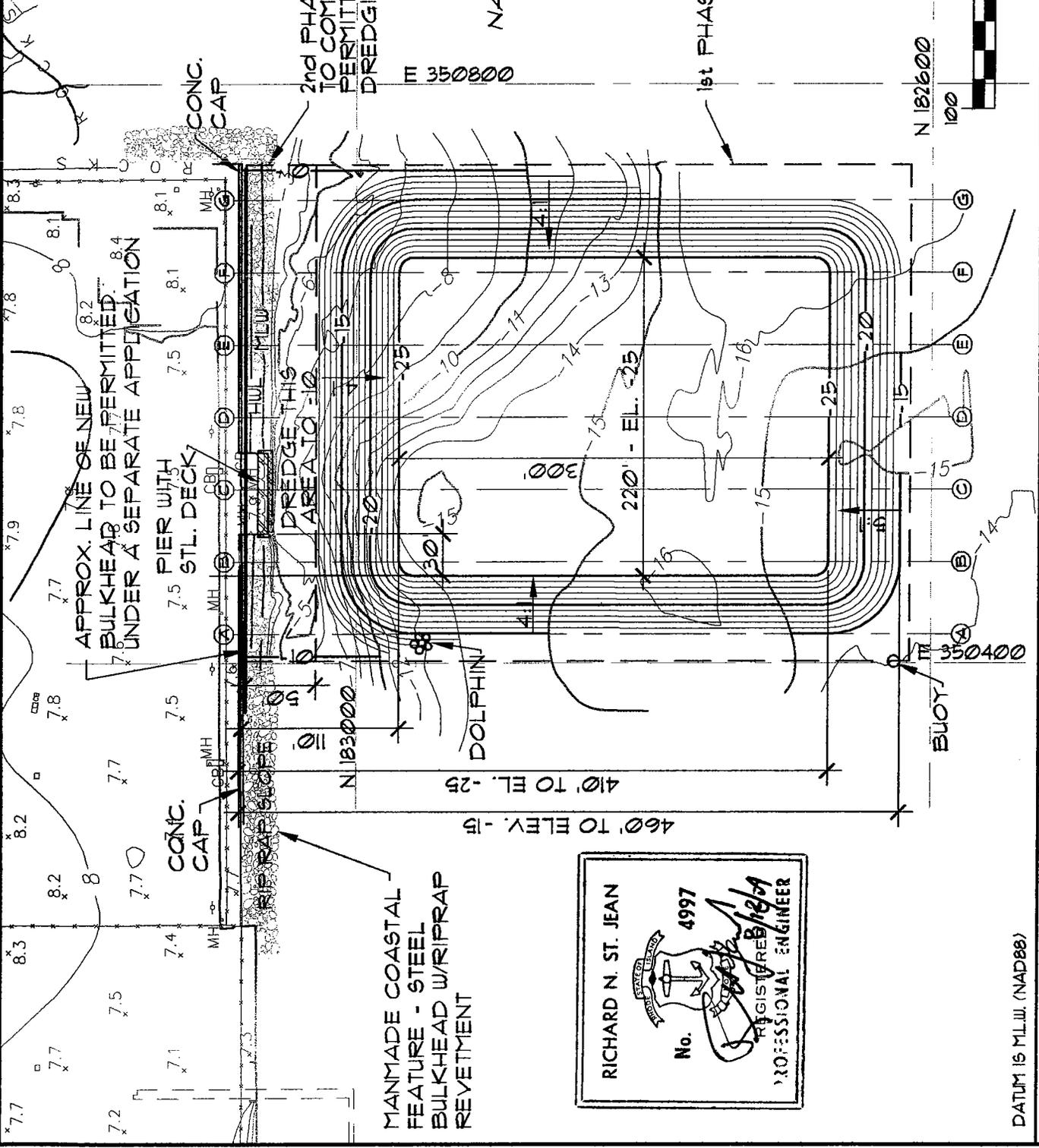
DATE
 AUGUST 5, 2004

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

LOCATION:
 10 MACNAUGHT STREET
 FLAT NO. 105, LOT 2
 QUONSET POINT
 NORTH KINGSTOWN, RI 02852

APPLICATION BY:
 GENESCO
 10 MACNAUGHT STREET
 NORTH KINGSTOWN, RHODE ISLAND 02852

SHEET OF
 4 11



2nd PHASE OF DREDGING TO COMMENCE AFTER BULKHEAD PERMITTING & CONSTRUCTION DREDGING TO OCCUR TO -10

NARRAGANSETT BAY TYPE 6 WATERS



1st PHASE OF DREDGING

GRAPHIC SCALE
0 50 100 200
(IN FEET)
1 INCH = 100 FT.

DATUM 15 MLLW (NAD86)

ST. JEAN ENGINEERING, LLC

Civil and Structural Engineering
1145 Middle Road East Greenwich, RI 02818
Tel. 401/398-0999

RICHARD N. ST. JEAN

No. 4997

REGISTERED PROFESSIONAL ENGINEER

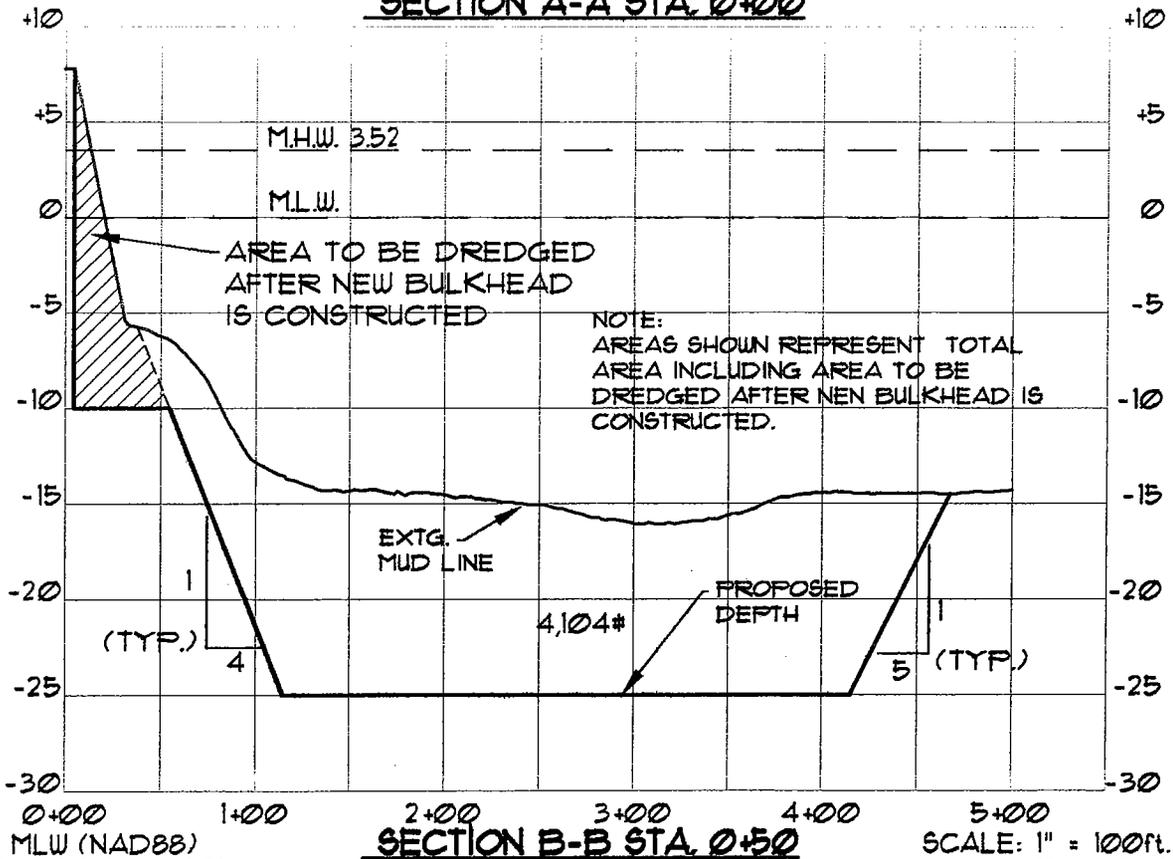
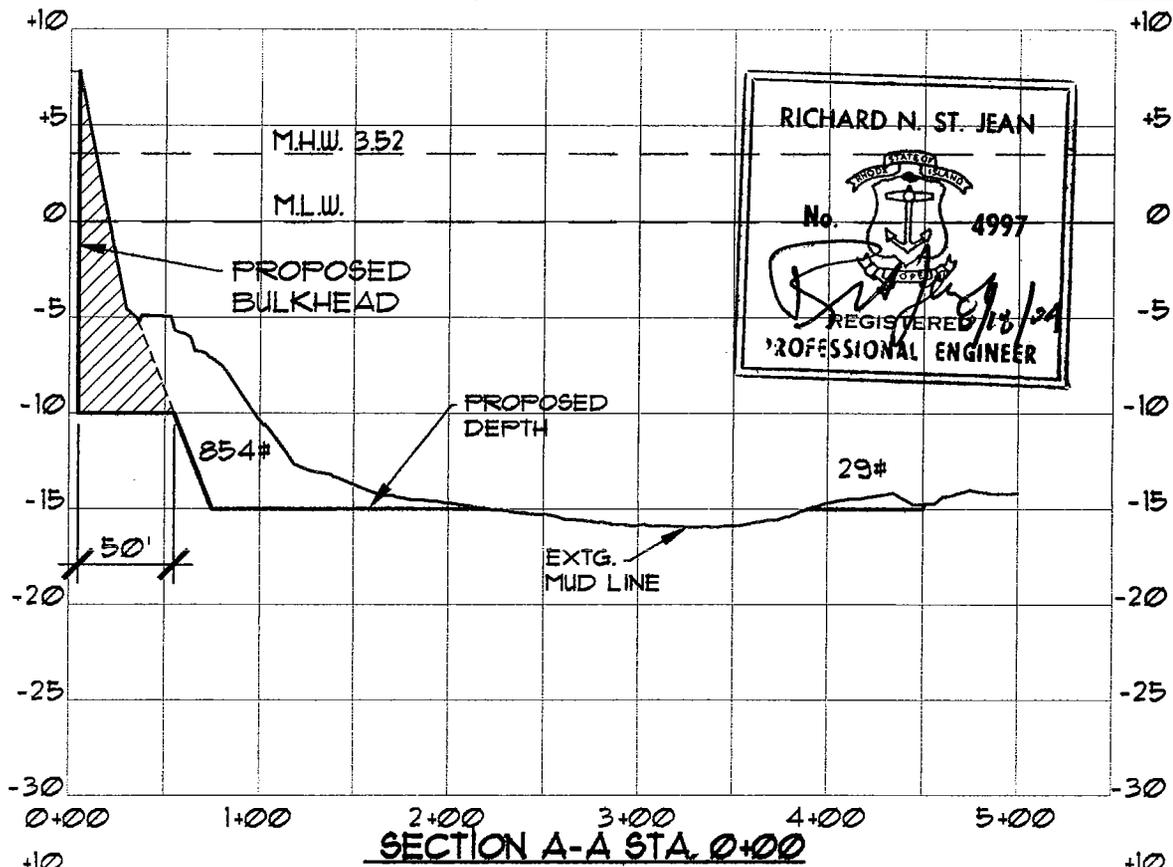
SENESCO - PROPOSED DREDGING

APPL. BY: SENESCO

10 MACNAUGHT STREET
FLAT NO. 105, LOT 2
GLONSET POINT
NORTH KINGSTOWN, RI 02852

DATE AUGUST 5, 2004

SHEET 7 OF 11



DATUM: MLW (NAD88)
MEAN TIDE RANGE = 3.52'

SCALE: 1" = 100ft. HORIZ.
1" = 10' VERT.

ST. JEAN ENGINEERING, LLC

**SOUTHEASTERN NEW ENGLAND
SHIPBUILDING CORPORATION
CROSS SECTIONS**

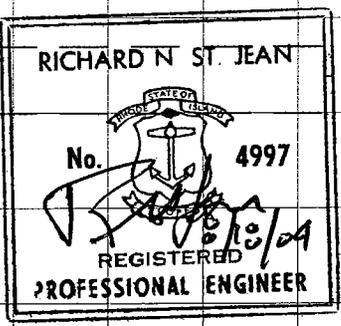
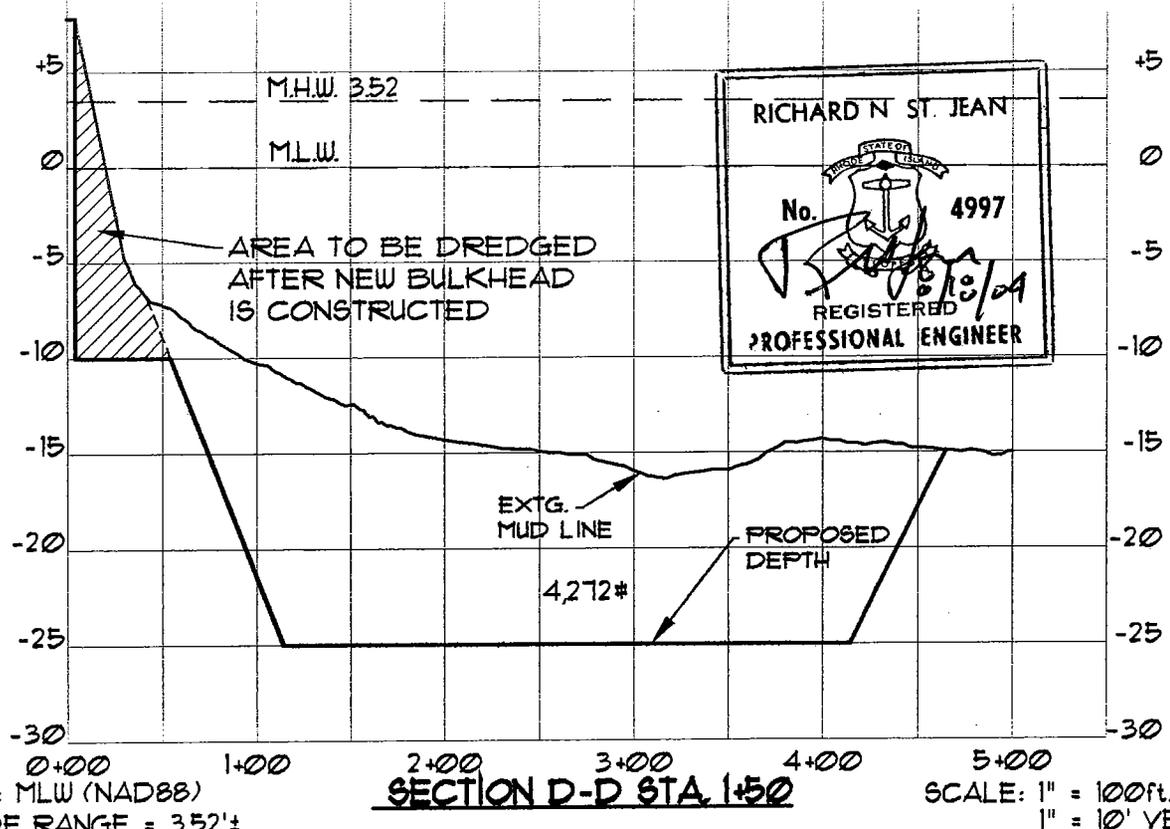
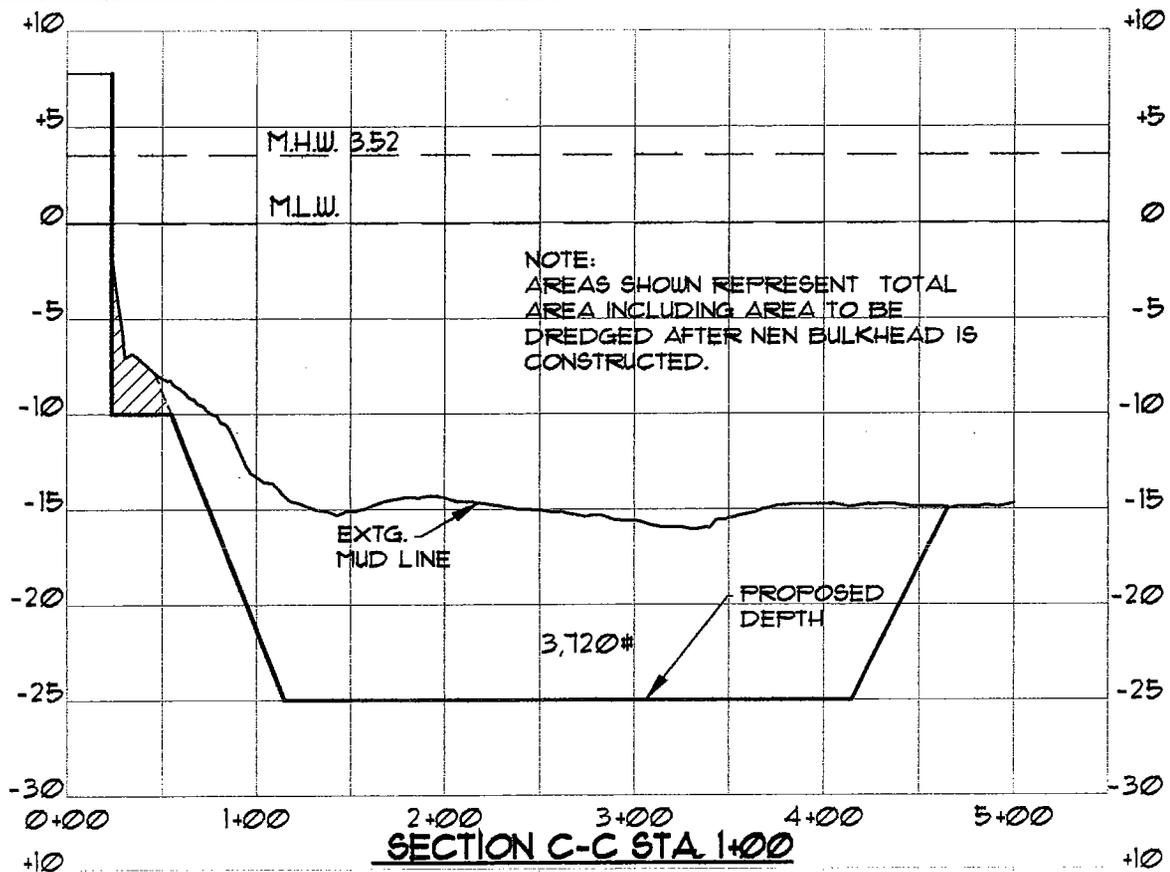
DATE
AUGUST 5, 2004

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

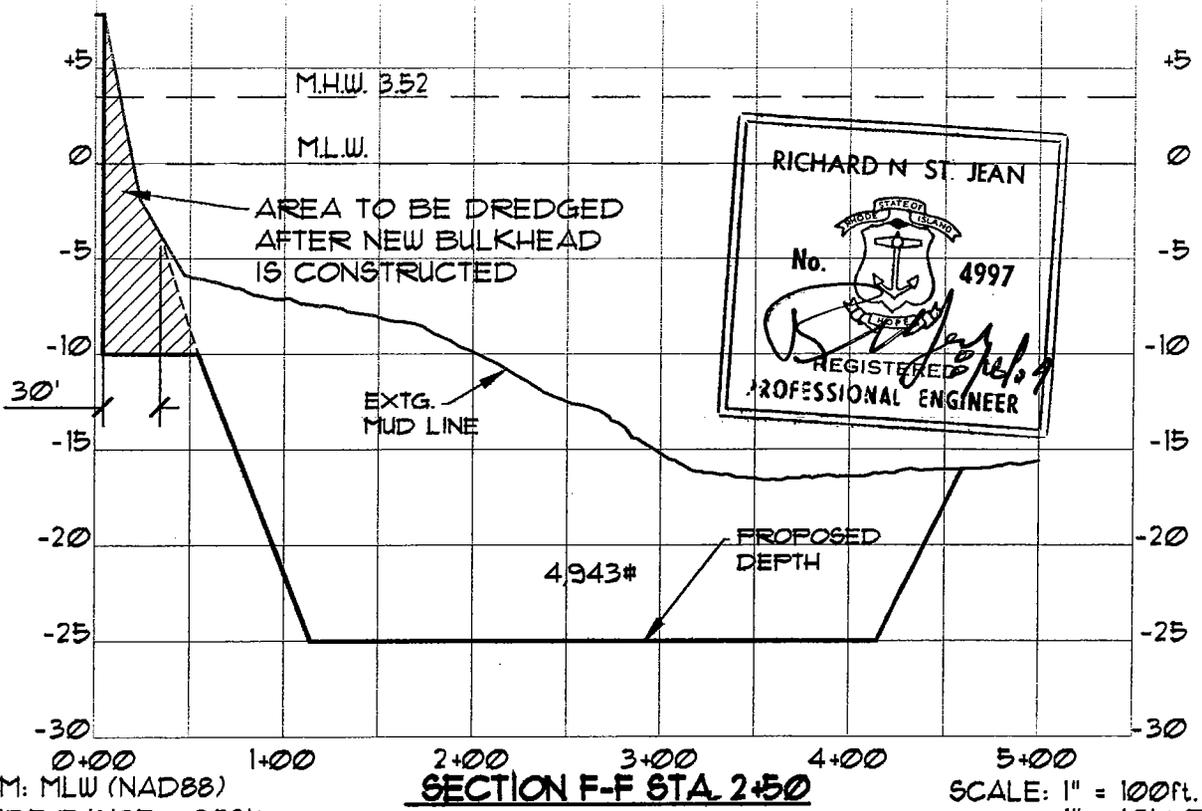
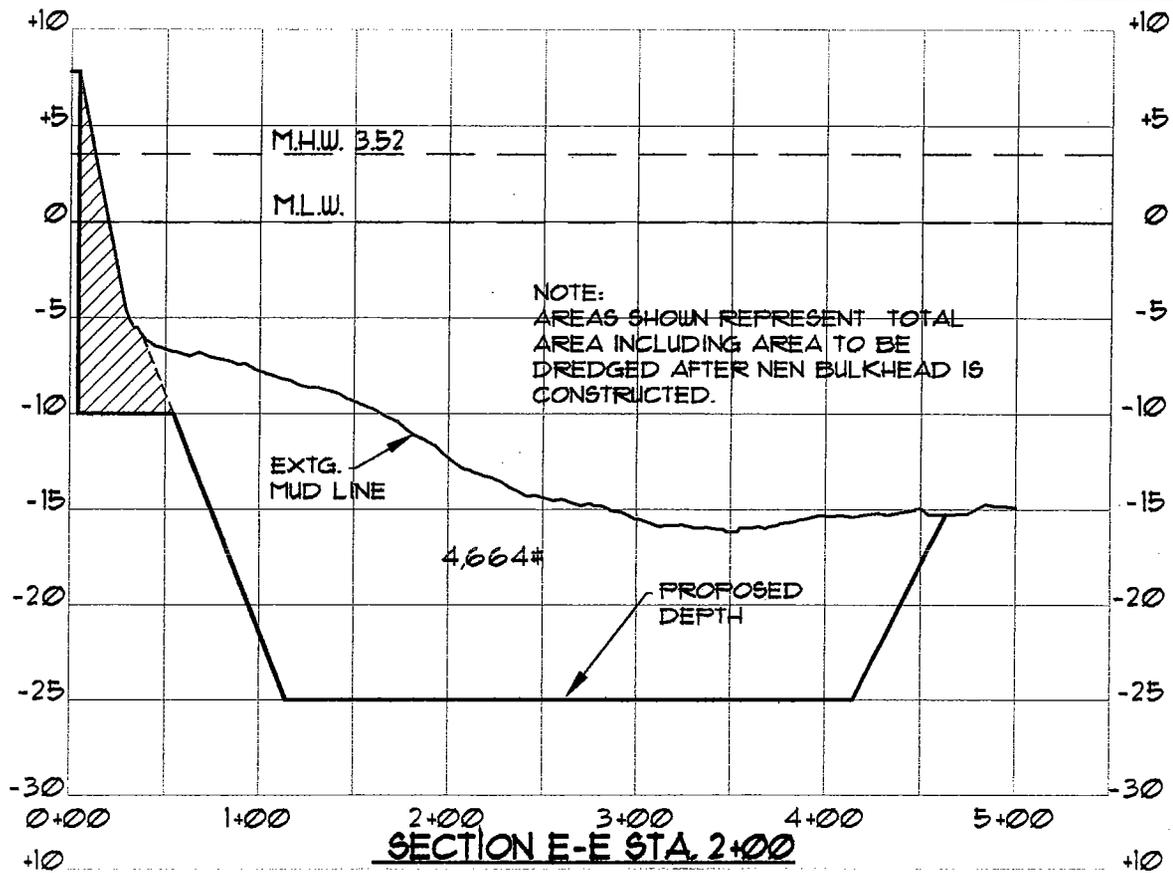
LOCATION:
10 MACNAUGHT STREET
PLAT NO. 195, LOT 2
QUONSET POINT
NORTH KINGSTOWN, RI 02852

APPLICATION BY:
GENESCO
10 MACNAUGHT STREET
NORTH KINGSTOWN, RHODE ISLAND 02852

SHEET OF
8 11



ST. JEAN ENGINEERING, LLC Civil and Structural Engineering 1145 Middle Road East Greenwich, RI 02818 Tel/Fax: (401)398-0999	SOUTHEASTERN NEW ENGLAND SHIPBUILDING CORPORATION CROSS SECTIONS		DATE AUGUST 5, 2004
	LOCATION: 10 MACNAUGHT STREET FLAT NO. 105, LOT 2 QUONSET POINT NORTH KINGSTOWN, RI 02852	APPLICATION BY: GENESCO 10 MACNAUGHT STREET NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF 9 11



DATUM: MLW (NAD88)
MEAN TIDE RANGE = 3.52'±

SCALE: 1" = 100ft. HORIZ.
1" = 10' VERT.

ST. JEAN ENGINEERING, LLC

SOUTHEASTERN NEW ENGLAND
SHIPBUILDING CORPORATION
CROSS SECTIONS

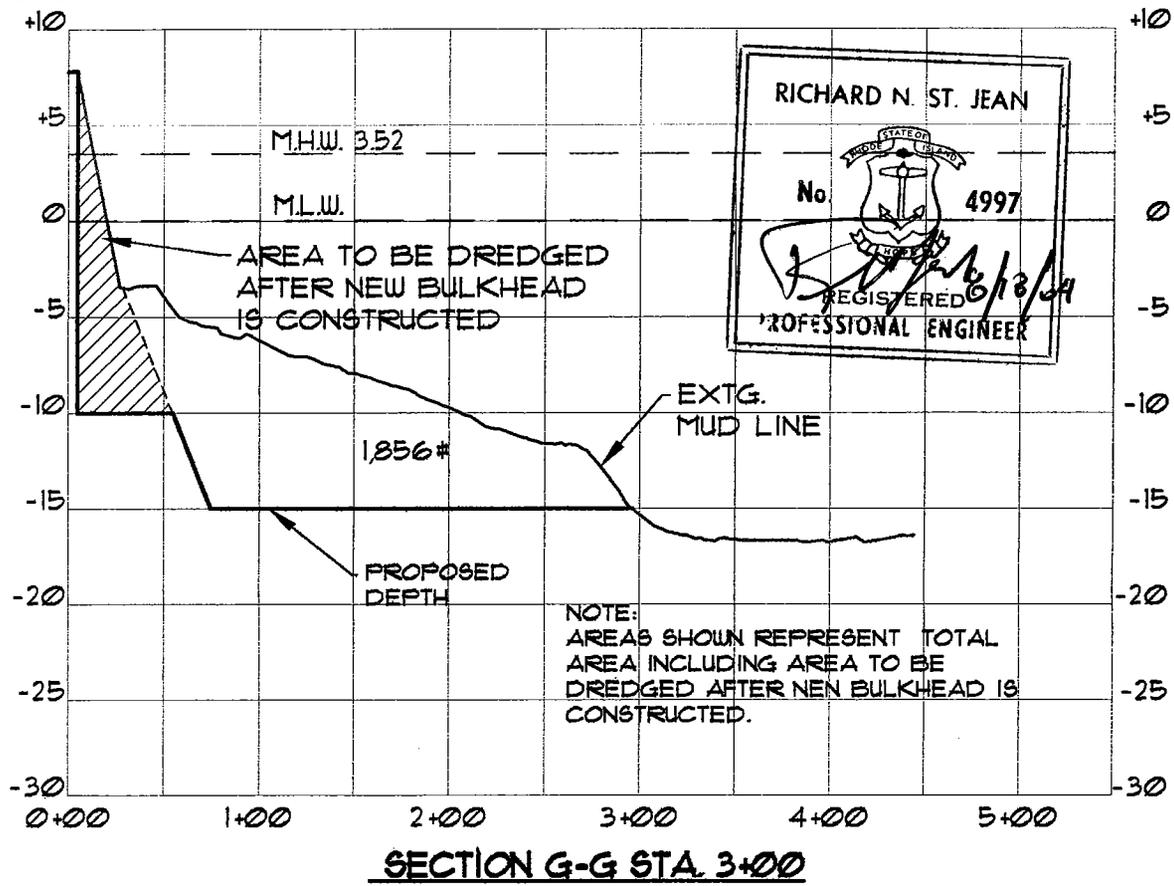
DATE
AUGUST 5, 2004

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

LOCATION:
10 MACNAUGHT STREET
PLAT NO. 188, LOT 2
QUONSET POINT
NORTH KINGSTOWN, RI 02852

APPLICATION BY:
GENESCO
10 MACNAUGHT STREET
NORTH KINGSTOWN, RHODE ISLAND 02852

SHEET OF
10 11



MAX. DEPTH OF DREDGE -25.0 FT M.L.W. (NAD88)

SECTION	STATION	AREA	AVE. AREA SQUARE FOOT	VOLUME CUBIC YARD	TOTAL VOLUME CUBIC YARD
T.O.S.	-15	0			
A-A	0	883	441	245	245
B-B	50	4,104	2,493	4,617	4,862
C-C	100	3,720	3,912	7,244	12,107
D-D	150	4,272	3,996	7,400	19,507
E-E	200	4,664	4,468	8,274	27,781
F-F	250	4,943	4,804	8,895	36,676
G-G	300	1,856	3,400	6,295	42,972
T.O.S.	320	0	928	687	43,659
TOTAL:					43,659

DATUM: MLW (NAD88)
MEAN TIDE RANGE = 3.52'±

SCALE: 1" = 100ft. HORIZ.
1" = 10' VERT.

ST. JEAN ENGINEERING, LLC

SOUTHEASTERN NEW ENGLAND
SHIPBUILDING CORPORATION
CROSS SECTIONS

DATE
AUGUST 5, 2004

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

LOCATION:
10 MACNAUGHT STREET
FLAT NO. 185, LOT 2
QUONSET POINT
NORTH KINGSTOWN, RI 02852

APPLICATION BY:
GENESCO
10 MACNAUGHT STREET
NORTH KINGSTOWN, RHODE ISLAND 02852

SHEET OF
|| ||

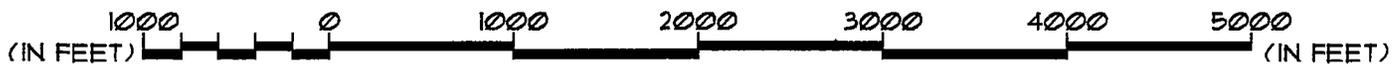


Project Location
 (41°-37'-13"N
 71°-24'-32"W)

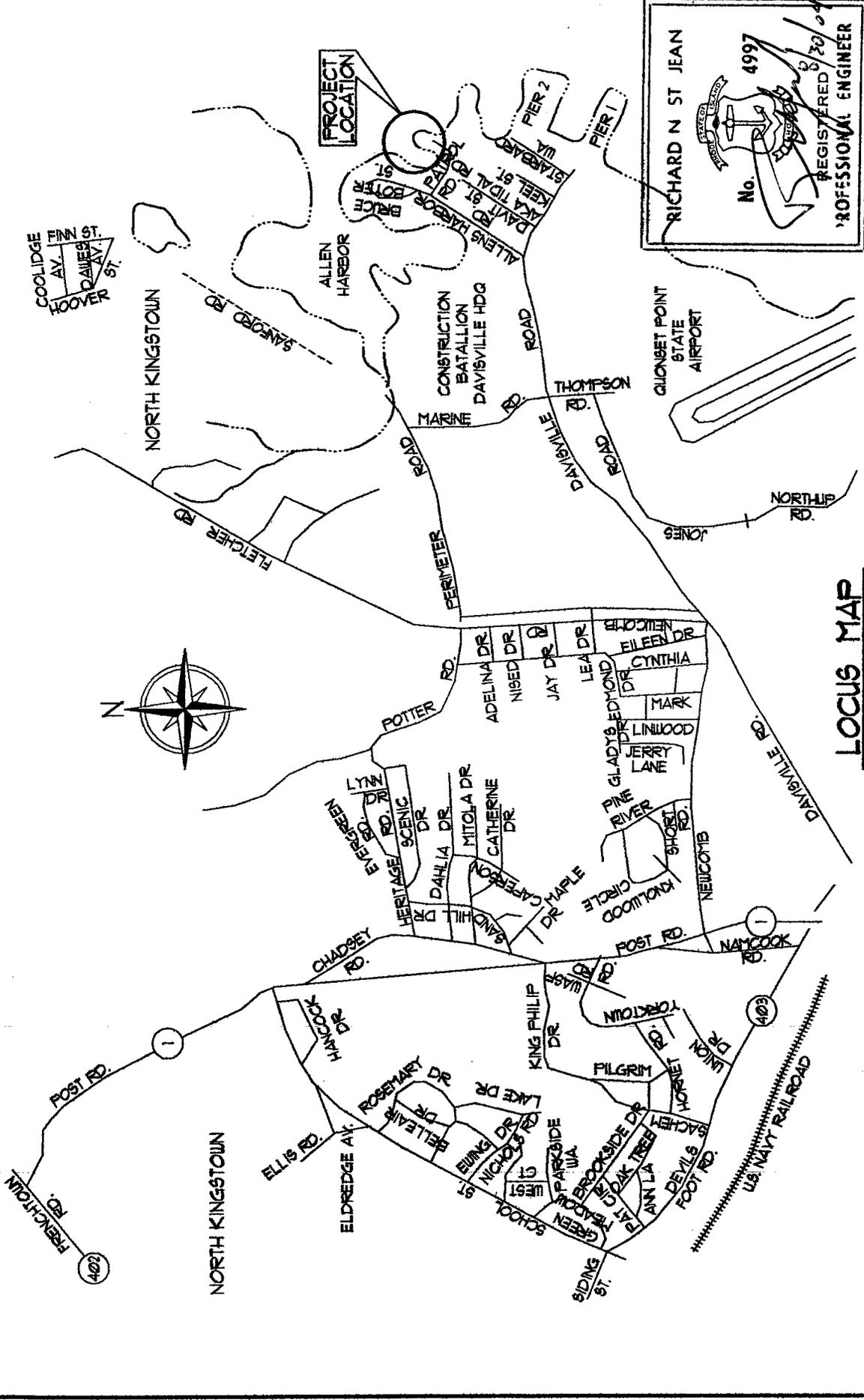
RICHARD N ST JEAN
 No. 4997
 REGISTERED PROFESSIONAL ENGINEER
Richard N. St. Jean

NARRAGANSETT BAY

WICKFORD QUADRANGLE - 1995



ST. JEAN ENGINEERING LLC <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	LITTLE ALLEN HARBOR AT SPINK NECK USGS SECTION		DATE AUGUST 20, 2004
	LOCATION SPINK NECK - DAVISVILLE PATROL ROAD NORTH KINGSTOWN, RI	APPLICATION BY: RHODE ISLAND ECONOMIC DEVELOPMENT CORP. 1330 DAVISVILLE ROAD NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF 1 11



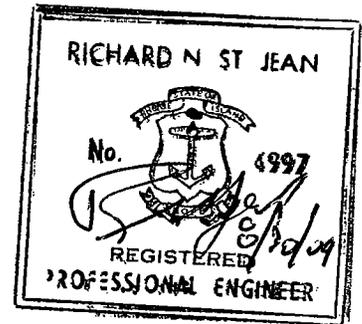
RICHARD N ST JEAN
 No. 4997
 REGISTERED 6/30/04
 PROFESSIONAL ENGINEER

LOCUS MAP

PROFESSIONAL ENGINEERING SERVICES <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	DATE AUGUST 20, 2004
LOCATION: SPINK NECK IN DAVISVILLE CORNER OF PATROL AND ALLEN'S HARBOR RD NORTH KINGSTOWN, RI 02853	APPLICATION BY: RHODE ISLAND ECONOMIC DEVELOPMENT CORP. 30 ENTERPRISE DRIVE NORTH KINGSTOWN, RHODE ISLAND 02852
PROJECT LOCATION	SHEET OF 2 11

GENERAL NOTES:

1. PHOTOGRAPHIC MAPPING WAS OBTAINED FROM THE RI. ECONOMIC DEVELOPMENT CORPORATION HORIZONTAL DATUM - R.I.S.P.C.S., N.A.D. 1983, VERTICAL DATUM N.G.V.D. 1988 M.L.W. THE R.I.E.D.C. DOES NOT WARRANTY THE ACCURACY OF INFORMATION CONTAINED ON THIS PLAN RELATING TO THE PHOTOGRAMMETRIC MAPPING SUPPLIED BY R.I.E.D.C. TO THE ENGINEER. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO VERIFY INFORMATION SHOWN ON THIS PLAN PRIOR TO THE START OF CONSTRUCTION.
2. ALL ELEVATIONS ARE MEAN LOW WATER (MLW) NAVD 88.
3. UNDERGROUND UTILITIES ARE SHOWN IN APPROXIMATE LOCATION AS OBTAINED FROM DRAWINGS SUPPLIED BY THE RI. ECONOMIC DEVELOPMENT CORPORATION. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO VERIFY THE LOCATION OF ALL UTILITIES, GRADES, AND DIMENSIONS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY DIG SAFE AND VERIFY EXACT LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO START OF ANY CONSTRUCTION. THERE ARE ACTIVE WATER LINES NEAR THE PROPOSED BUILDINGS, R.I.E.D.C. AND THE ENGINEER ASSUMES NO LIABILITY FOR DAMAGE IF LINE BREACHES. CLIENT ASSUMES RESPONSIBILITY TO PROPERLY RELOCATE THEIR UTILITY LINES TO FACILITATE REPAIR/REPLACEMENT OF LINE.
4. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL, STATE, FEDERAL, AND UTILITY COMPANY REQUIREMENTS.
5. THE CONTRACTOR SHALL PROVIDE THE ENGINEER AND OWNER WITH AS-BUILT DRAWINGS SHOWING THE ACTUAL DEPTH OF DREDGING PERFORMED UNDER THIS CONTRACT UPON COMPLETION OF THE PROJECT.
6. PAYMENT FOR QUANTITY DREDGED SHALL BE BASED SOLEY ON PRE-DREDGE AND POST DREDGE SURVEYS. PRE-DREDGE SURVEY SHALL BE PERFORMED NO EARLIER THAN 6 MONTHS PRIOR TO COMMENCEMENT OF WORK. POST DREDGE SURVEY SHALL BE PERFORMED NO LATER THAN 4 MONTHS AFTER COMPLETION OF THE WORK.
7. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AS THEY RELATE TO NEW CONSTRUCTION. REPORT TO THE ENGINEER ALL OBSERVATIONS AND DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK.
8. HYDROGRAPHIC SURVEY PERFORMED BY HYDRO DATA, INC., JULY 14, 2004.

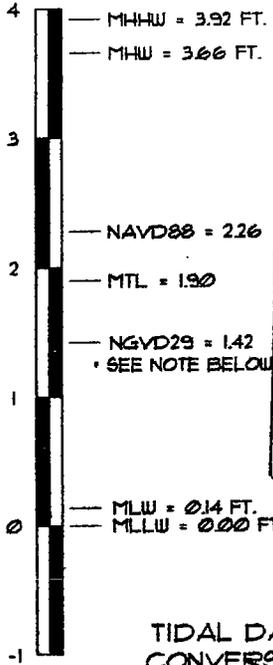


RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION NOTES:

1. ALL INFORMATION ON THIS PLAN IS SUBJECT TO THE USER'S FIELD VERIFICATION. THE R.I.E.D.C. DOES NOT WARRANTY THE ACCURACY OF ANY INFORMATION CONTAINED ON THIS PLAN.
2. PARCELS SUBJECT TO EXHIBIT "D" REGARDING UTILITIES AND ACCESS AND SERVICES AGREEMENT.
3. UTILITIES PLOTTED FROM BEST AVAILABLE INFORMATION AND SUBJECT TO FIELD VERIFICATION.
4. ALL ELEVATIONS AT MEAN LOW WATER.

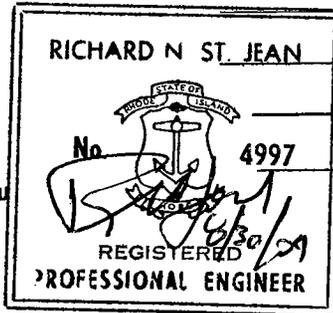
<p>ST. JEAN ENGINEERING LLC <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999</p>	<p>RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION GENERAL NOTES</p> <p>LOCATION: PATROL ROAD PLAT NO. 193, LOT 4 DAVISVILLE SECTION NORTH KINGSTOWN, RI 02852</p> <p>APPLICATION BY: RHODE ISLAND ECONOMIC DEVELOPMENT CORP. 30 ENTERPRISE DRIVE NORTH KINGSTOWN, RHODE ISLAND 02852</p>	<p>DATE AUGUST 20, 2004</p> <p>SHEET OF 3 11</p>
--	---	--

LEGEND



TIDAL DATUM
CONVERSIONS
USED FOR DRAWINGS

NOTE: TIDE MEASUREMENTS
TAKEN DURING A FULL MOON
ON 7/31/04 OBSERVED A 5.1
FOOT DIFFERENCE BETWEEN
MLLW AND MHHW.



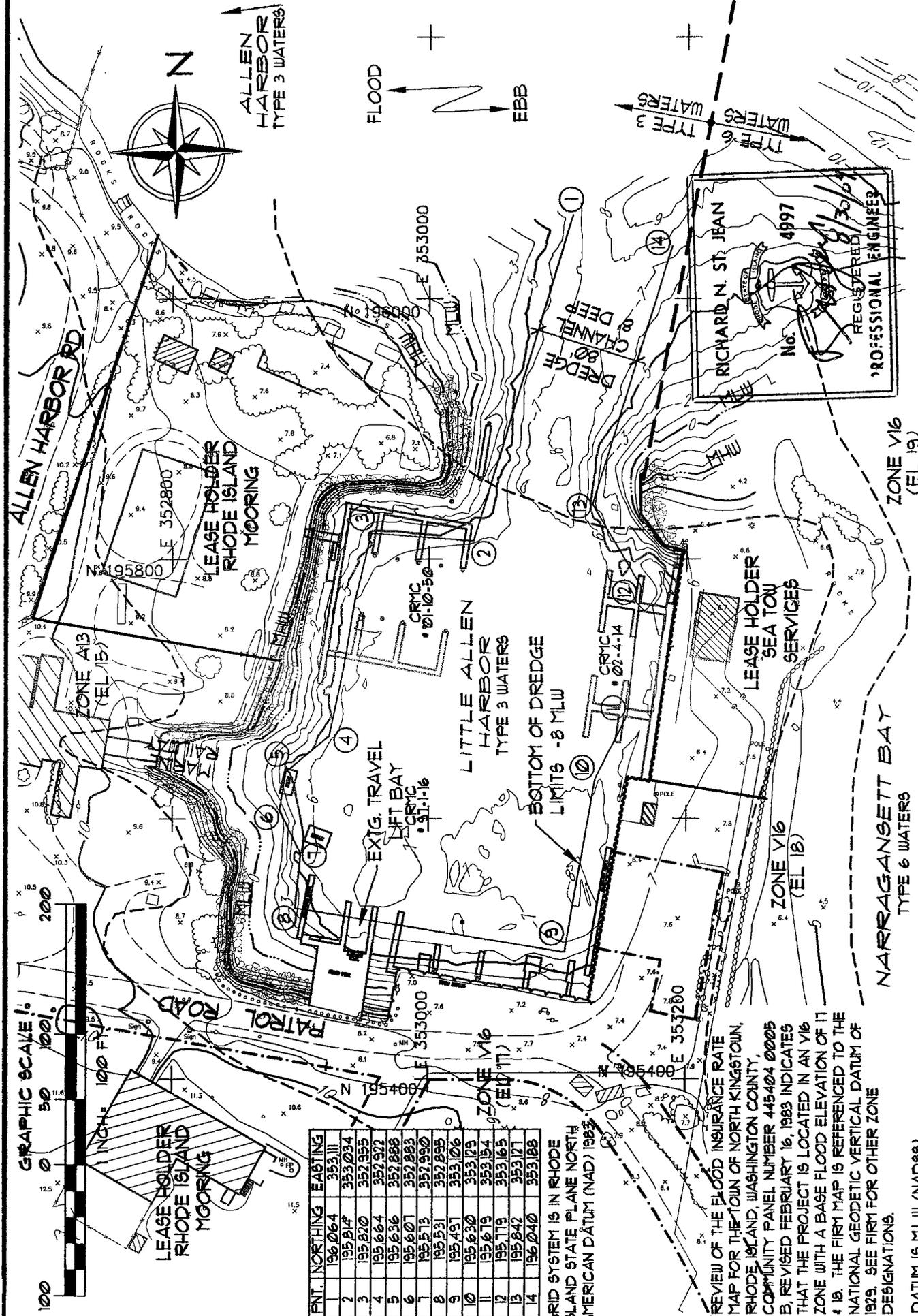
- 10
- 5
- EXISTING SEWER
- PROPOSED SEWER
- EXISTING WATER LINE
- PROPOSED WATER LINE
- EXISTING MANHOLE
- PROPOSED MANHOLE
- EXISTING CATCH BASIN
- EXISTING BUILDING
- PROPOSED BUILDING
- EXISTING SPOT GRADE
- PROPOSED SPOT GRADE
- EXISTING STONE WALL
- EXISTING FENCE LINE
- FLOOD ZONE BOUNDARY
- EXISTING HYDRANT
- EXISTING POLE
- SHORE LINE
- EXISTING SIGN POST
- EXISTING RAIL TRACKS
- SITE LIGHTING
- LEASE LINE

ABBREVIATIONS

- U. O. N. UNLESS OTHERWISE NOTED
- N. T. S. NOT TO SCALE
- I. A. W. IN ACCORDANCE WITH
- TYP. TYPICAL
- R & D REMOVE AND DISPOSE
- BIT. BITUMINOUS CONCRETE
- F. F. FINISH FLOOR
- T. O. F. TOP OF FOUNDATION
- C. Y. CUBIC YARD
- S. F. SQUARE FOOT
- S.J.E. ST. JEAN ENGINEERING LLC

- EXTG. EXISTING
- SMH SEWER MANHOLE
- DMH DRAINAGE MANHOLE
- MIN. MINIMUM
- HDG HOT DIPPED GALVANIZED
- SS STAINLESS STEEL

ST. JEAN ENGINEERING LLC <i>Civil and Structural Engineering</i> 1145 Middle Rd., East Greenwich, RI 02818 Tel/Fax: (401)398-0999	RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION LEGEND		DATE AUGUST 20, 2004
	LOCATION: PATROL ROAD FLAT NO. 193, LOT 4 DAVISVILLE SECTION NORTH KINGSTOWN, RI 02852	APPLICATION BY: RHODE ISLAND ECONOMIC DEVELOPMENT CORP. 30 ENTERPRISE DRIVE NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF 4 11



PNT.	NORTHING	EASTING
1	196064	353111
2	195814	353034
3	195820	352955
4	195664	352922
5	195636	352888
6	195607	352883
7	195573	352950
8	195553	352895
9	195497	353106
10	195630	353129
11	195679	353154
12	195719	353165
13	195842	353171
14	196040	353188

GRID SYSTEM IS IN RHODE ISLAND STATE PLANE NORTH AMERICAN DATUM (NAD) 1983.

REVIEW OF THE FLOOD INSURANCE RATE MAP FOR THE TOWN OF NORTH KINGSTON, RHODE ISLAND, WASHINGTON COUNTY, COMMUNITY PANEL NUMBER 445404 0005 B, REVISED FEBRUARY 16, 1993 INDICATES THAT THE PROJECT IS LOCATED IN AN V16 ZONE WITH A BASE FLOOD ELEVATION OF 11 AND 18. THE FIRM MAP IS REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929. SEE FIRM FOR OTHER ZONE DESIGNATIONS.

DATUM IS M.L.W. (NAD88)

ST. JEAN ENGINEERING, LLC

Civil and Structural Engineering
1145 Middle Road East Greenwich, RI 02818
Tel 401/398-0999

APPL. BY:
R. I. ECON. DEV. CORP.
30 ENTERPRISE DRIVE
DAVIDVILLE
NORTH KINGSTON, RI 02852

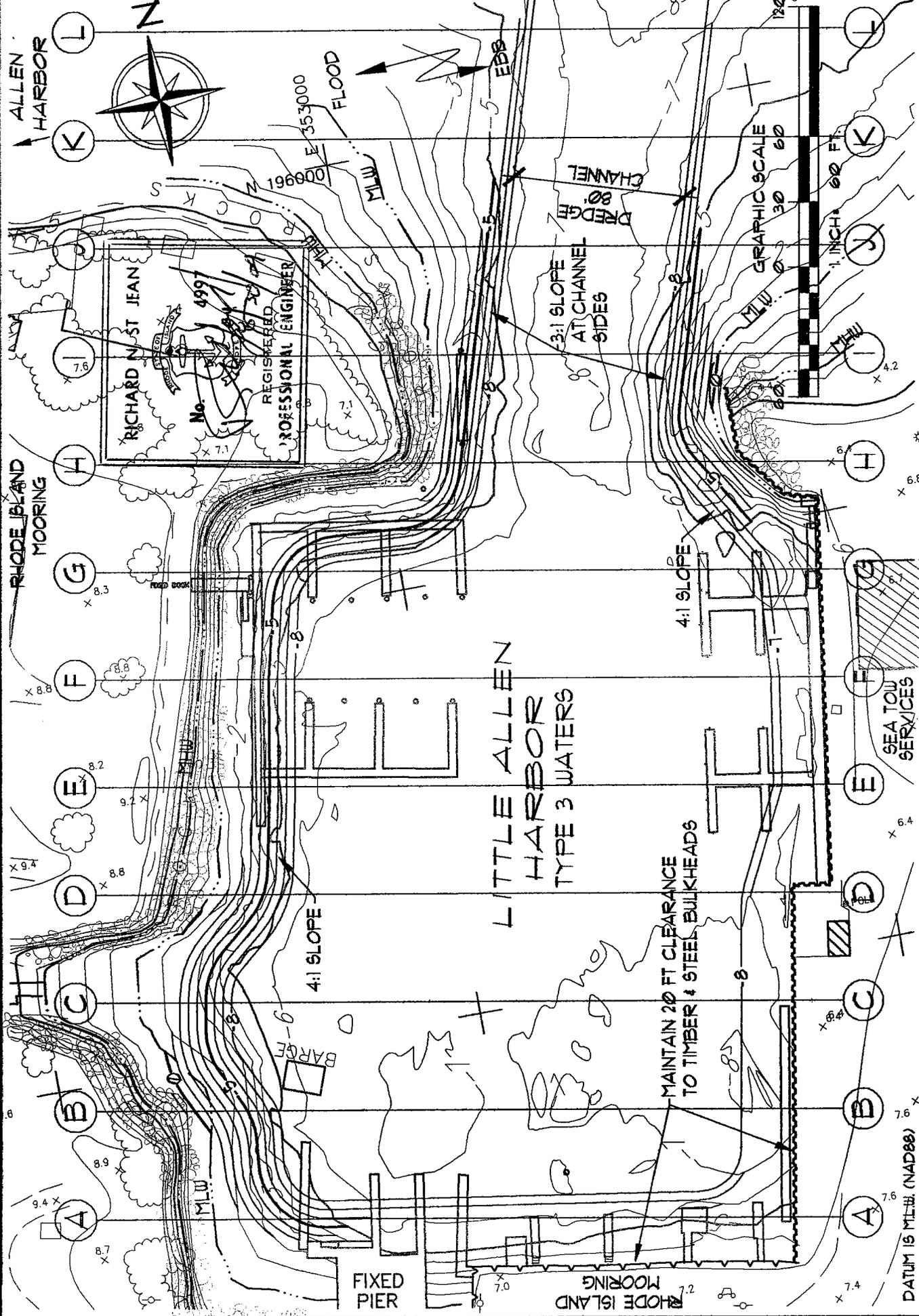
REVISIONS:

LITTLE ALLEN HARBOR - OVERALL PLAN

DATE: AUGUST 18, 2004

SHEET 5 OF 11

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



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

DATE AUGUST 18, 2004

LITTLE ALLEN HARBOR - PROPOSED DREDGING

REVISIONS:

APPL. BY:
 R. I. ECON. DEV. CORP.
 30 ENTERPRISE DRIVE
 DAVISVILLE
 NORTH KINGSTOWN, RI 02852

PATROL ROAD
 FLAT NO. 193, LOT 4
 DAVISVILLE
 NORTH KINGSTOWN, RI 02852

ST. JEAN ENGINEERING, LLC

Civil and Structural Engineering
 1145 Middle Road East Greenwich, RI 02818
 Tel. 401/398-0999

SHEET 7 OF 11

DATUM IS MHH (NADES) X

MAINTAIN 20 FT CLEARANCE
 TO TIMBER & STEEL BULKHEADS

LITTLE ALLEN
 HARBOR
 TYPE 3 WATERS

GRAPHIC SCALE
 1 INCH = 60 FT

RHODE ISLAND
 MOORING

ALLEN
 HARBOR

FIXED
 PIER

RHODE ISLAND
 MOORING

SEA TOW
 SERVICES

BARGE

DREDGE
 CHANNEL

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 AT CHANNEL
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4:1 SLOPE

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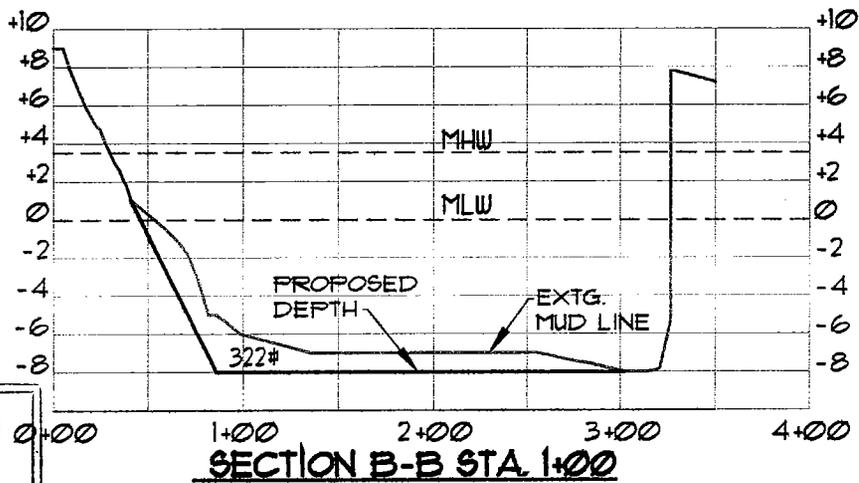
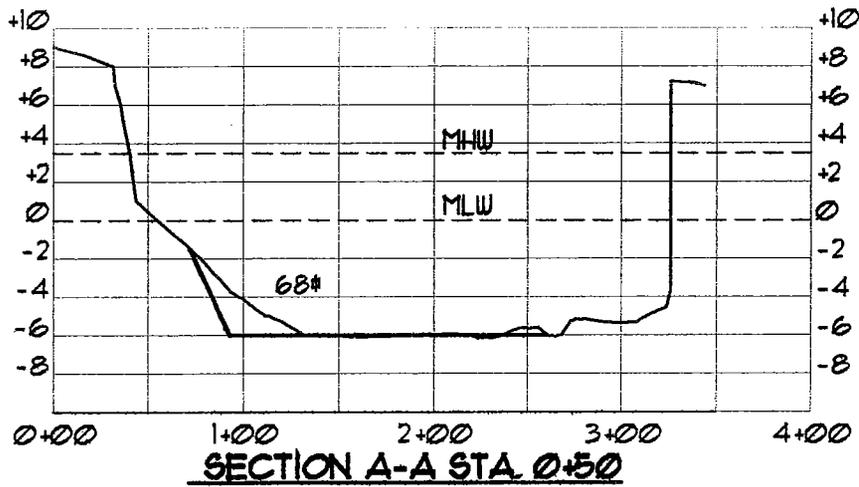
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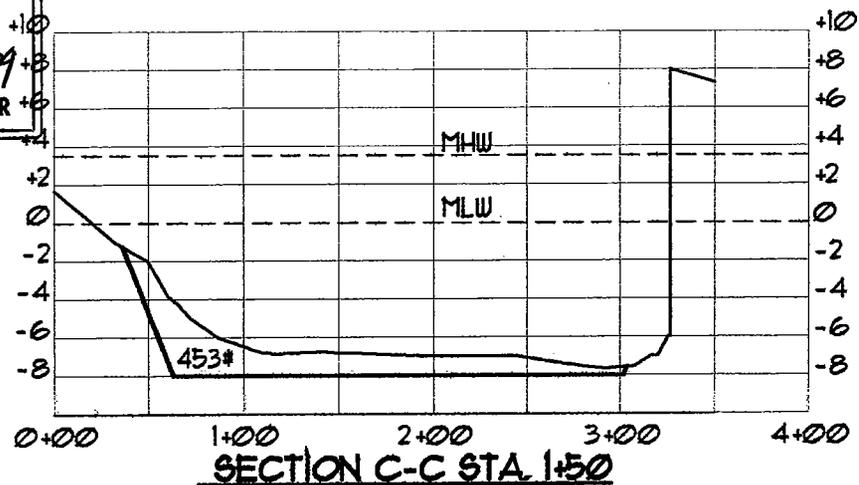
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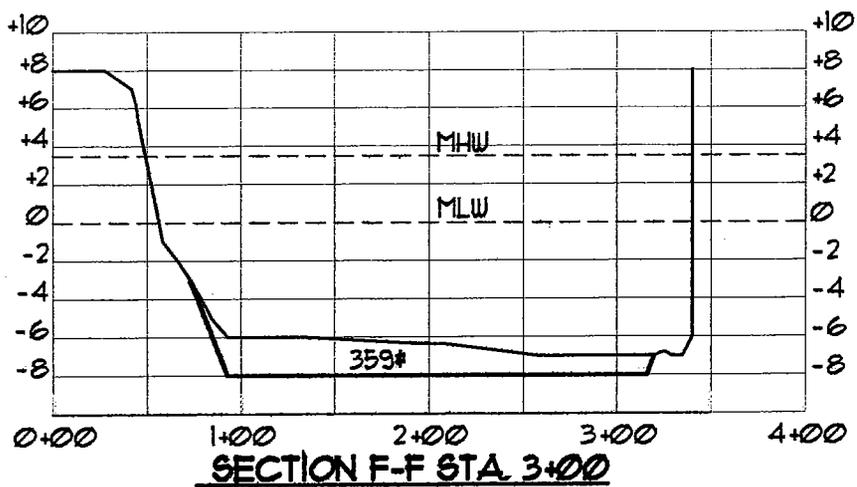
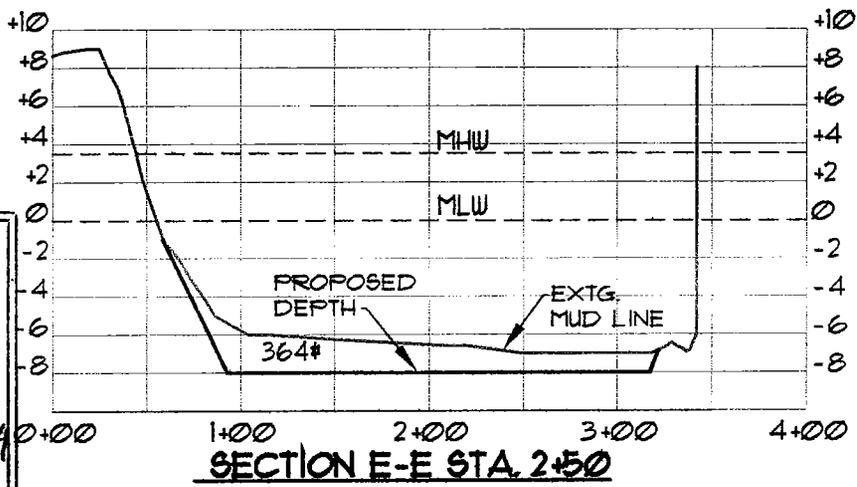
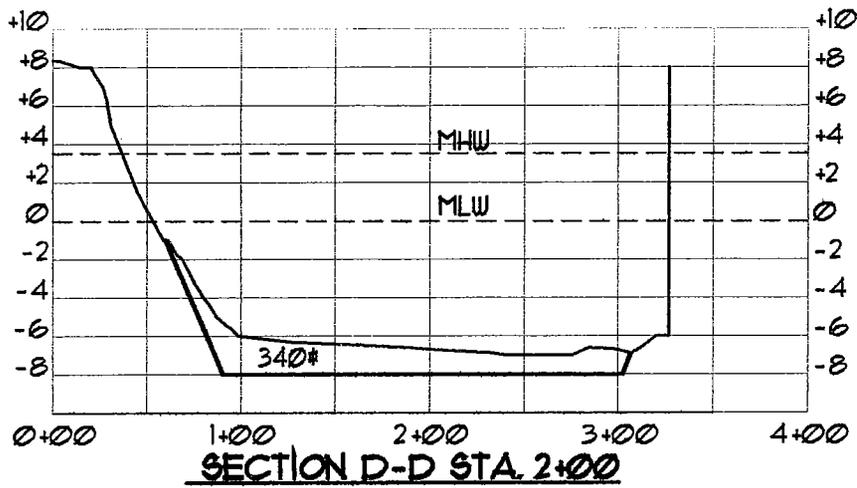
RICHARD N. ST. JEAN
 No. 4997
 REGISTERED PROFESSIONAL ENGINEER
 8/2/09



DATUM: MLW (NAD88)
 MEAN TIDE RANGE = 3.52 FT.

SCALE: 1" = 100ft. HORIZ.
 1" = 10' VERT.

ST. JEAN ENGINEERING, LLC <i>Civil and Structural Engineering</i> 1145 Middle Road East Greenwich, RI 02818 Tel/Fax: (401)398-0999	RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION CROSS SECTIONS		DATE AUGUST 20, 2004
	LOCATION: SPINK NECK - DAVISVILLE PLAT NO. 193, LOT 4 PATROL ROAD NORTH KINGSTOWN, RI	APPLICATION BY: R. I. ECONOMIC DEVELOPMENT CORP. 30 ENTERPRISE DRIVE NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF 8 11



DATUM: MLW (NAD88)
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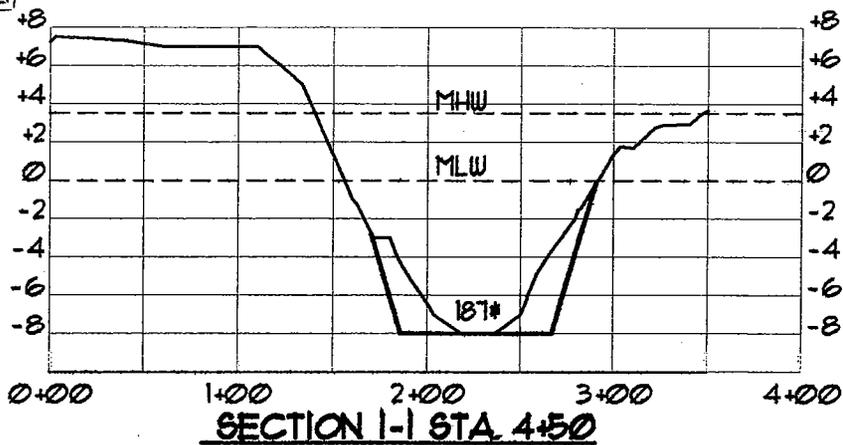
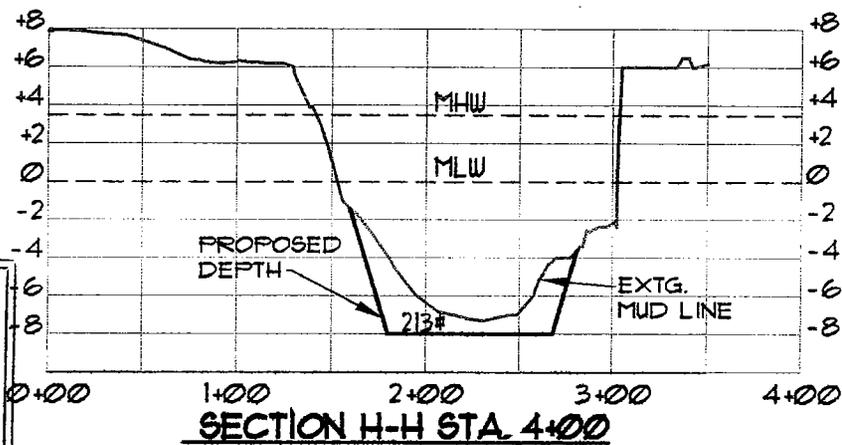
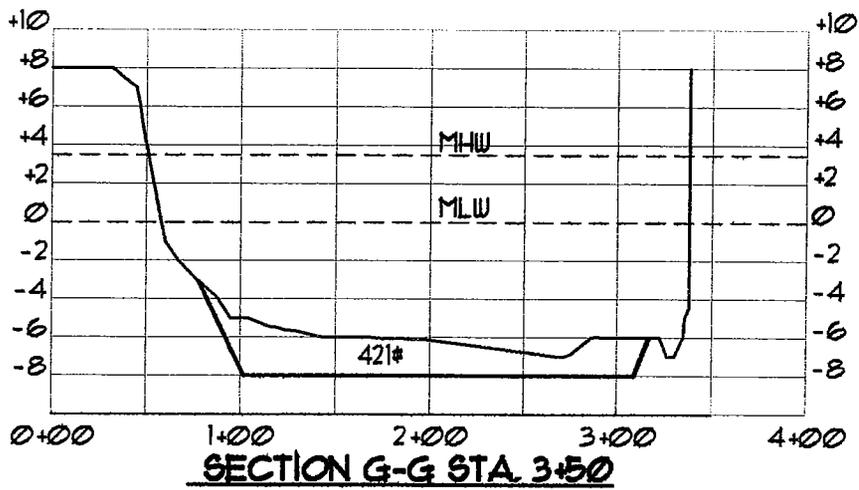
RICHARD N. ST. JEAN

No. 4997

REGISTERED PROFESSIONAL ENGINEER

3/30/04

ST. JEAN ENGINEERING, LLC	RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION CROSS SECTIONS		DATE AUGUST 20, 2004
	LOCATION: SPINK NECK - DAVISVILLE FLAT NO. 193, LOT 4 PATROL ROAD NORTH KINGSTOWN, RI	APPLICATION BY: R. I. ECONOMIC DEVELOPMENT CORP. 30 ENTERPRISE DRIVE NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF 9 11



RICHARD N. ST. JEAN



DATUM: MLW (NAD88)
MEAN TIDE RANGE = 3.52 FT.

SCALE: 1" = 100ft. HORIZ.
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ST. JEAN ENGINEERING, LLC

**RHODE ISLAND ECONOMIC
DEVELOPMENT CORPORATION
CROSS SECTIONS**

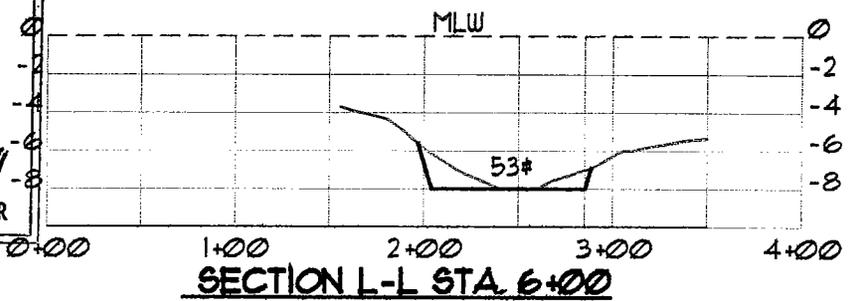
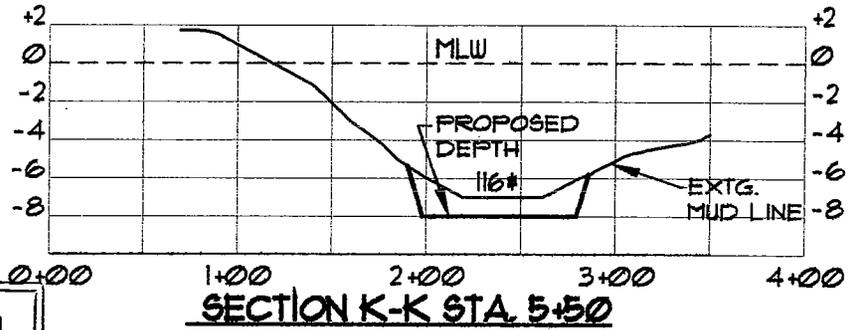
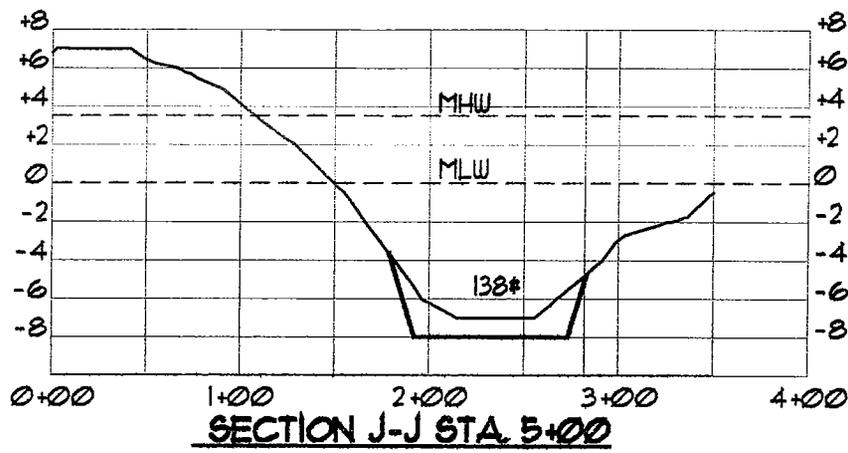
DATE
AUGUST 20, 2004

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

LOCATION:
SPINK NECK - DAVISVILLE
PLAT NO. 133, LOT 4
PATROL ROAD
NORTH KINGSTOWN, RI

APPLICATION BY:
R. I. ECONOMIC DEVELOPMENT CORP.
30 ENTERPRISE DRIVE
NORTH KINGSTOWN, RHODE ISLAND 02852

SHEET OF
10 11



RICHARD N. ST. JEAN
 No. 4997
 REGISTERED PROFESSIONAL ENGINEER
 8/30/04

MAX. DEPTH OF DREDGE -8.0 FT M.L.W. (NAD88)

SECTION	STATION	AREA	AVE. AREA	VOLUME	TOTAL VOLUME
			SQUARE FOOT	CUBIC YARD	CUBIC YARD
	-50	0			
A-A	0	68	34	63	
B-B	50	322	195	361	424
C-C	100	453	388	718	1,079
D-D	150	340	397	734	1,813
E-E	200	364	352	652	2,465
F-F	250	359	362	669	3,134
G-G	300	421	390	722	3,856
H-H	350	213	317	587	4,444
I-I	400	187	200	370	4,814
J-J	450	138	163	301	5,115
K-K	500	116	127	235	5,350
L-L	550	53	85	156	5,506
	600	0	27	49	5,556

DATUM: MLW (NAD88)
 MEAN TIDE RANGE = 3.52 FT.

SCALE: 1" = 100ft. HORIZ.
 1" = 10' VERT.

ST. JEAN ENGINEERING, LLC Civil and Structural Engineering 1145 Middle Road East Greenwich, RI 02818 Tel/Fax: (401)398-0999	RHODE ISLAND ECONOMIC DEVELOPMENT CORPORATION CROSS SECTIONS		DATE AUGUST 20, 2004
	LOCATION: SPINK NECK - DAVISVILLE FLAT NO. 193, LOT 4 PATROL ROAD NORTH KINGSTOWN, RI	APPLICATION BY: R. I. ECONOMIC DEVELOPMENT CORP. 30 ENTERPRISE DRIVE NORTH KINGSTOWN, RHODE ISLAND 02852	SHEET OF