



PUBLIC NOTICE

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

Comment Period Begins: May 8, 2012
Comment Period Ends: June 8, 2012
File Number: NAE-2010-145
In Reply Refer To: John C. Sargent
Phone: (978) 318-8026
E-mail: John.C.Sargent@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

Town of Falmouth, Gregg Fraser, 180 Scranton Ave, Falmouth, MA 02540

ACTIVITY

The applicant is proposing to dredge a number of areas totalling approximately 418,375 square feet to various depths depending on the specific location in Falmouth, Massachusetts. The total volume is approximately 26, 600 cubic yards would be produced over the next 10 years. The applicant proposes to both mechanically and hydraulically dredge this material and use it for beach nourishment projects totalling about 457, 185 square feet among various beaches. Based on a suitability determination the grain size of the dredged material is similar to the substrate found at the nourishment sites. Therefore, the dredged material is determined to be suitable for beach nourishment.

The location, surface area and volume of dredging and beach nourishment are identified in the attached Tables 1 and 2.

A detailed description on plans of the activity can be located at our website at www.nae.usace.army.mil under Regulatory, Public Notices. The plans are entitled "Town of Falmouth Comprehensive Permit for Dredging & Beach Nourishment," on 38 sheets, and dated "11-9-11."

WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed in various location harbors in town of Falmouth.

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

CENAE-R
FILE NO. NAE-2010-145

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 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.

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 dredging project will impact 9.6 acres of Essential Fish Habitat (EFH) distributed among various channels and harbors for adult Atlantic Cod and Bluefish, eggs, larval, juvenile and adult winter flounder, windowpane flounder, summer flounder and scup among, and surf clam other species. This habitat consists of sandy subtidal substrate and shoaled areas within boating channels. 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(s)

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. The town has developed a piping plover monitoring and Site Protection Plan. 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.
- (x) Permit from Local Wetland Agency or Conservation Commission.
- (x) 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 John Sargent at (978) 318-8026, (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, 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 for more information on the New England District Corps of Engineers programs.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



Karen K. Adams
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. 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 Tables

Table 1. Falmouth Beach Nourishment Projects Summary

Nourishment Areas	Total Area (ft ²)	Above MHW	Below MHW
New Silver Beach (3)	10,830	10,830	0
Surf Drive Beach (7)	64,100	64,100	0
Clinton Ave Beach (9)	7,500	7,500	0
Falmouth Heights Beach (11)	100,000	100,000	0
Bristol Beach (13)	12,500	12,500	0
Acapesket Improvement Association Beach - Great Pond (15)	4,780	0	4,780
Acapesket Improvement Association Beach - Green Pond (17)	28,800	28,800	0
Menauhant Beach (20)	147,250	147,250	0
South Cape Beach (24)	38,135	38,135	
Inn Seasons Resort Beach (25)	21,570	21,570	
Pyne Trustees Beach (26)	21,720	21,720	0
Totals	457,185	452,405	4,780

Table 2-Falmouth Dredging Projects Summary

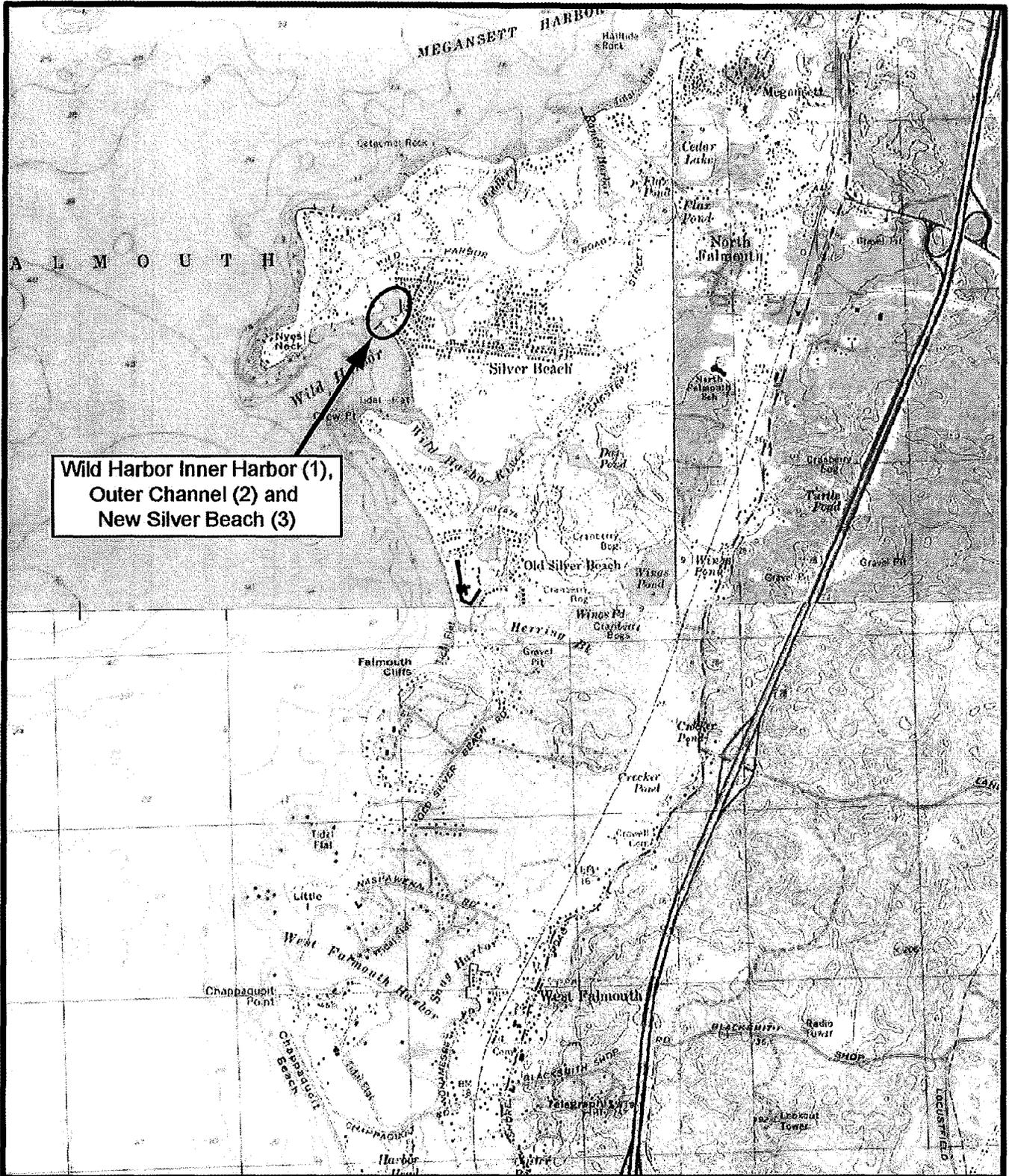
Locations	Total Area (ft ²)	Total Volume (yd ³)
Wild Harbor -Inner Harbor (1)	13,500	1,600
Wild Harbor -Outer Channel (2)	37,000	1,500
Trunk River (4)	1,600	100/event (-4 events/yr)
Salt Pond (5)	3,600	100/event (-4 cvents/yr)
Fresh River (6)	33,900	1,000
Falmouth Inner Harbor Entrance Channel (8)	84,000	5,000
Little Pond (12)	5,700	200
Great Pond (14)	28,500	2,000
Green Pond (16)	28,500	3,000
Bourne's Pond -Outer Channel (18)	47,400	2,000
Bourne's Pond -Inner Channel (19)	32,500	4,000
Eel River Entrance Channel (21)	21 ,175	3,500
Eel River Extension (22)	81,000	2,000
Totals	418,375	26,600

**Table 4 - Plans Summary
Falmouth Dredging and Beach Nourishment**

Locations	Plan Title	Sheet #
Locus Maps: Buzzard's Bay & Vineyard Sound	Town of Falmouth Comprehensive Permit for Dredging & Beach Nourishment	Sheets 1-3 c
Wild Harbor - Inner Harbor (1)	Wild Harbor - Inner Harbor (1) Maintenance Dredging & Typical Section	Sheets 4 & 5
Wild Harbor - Outer Channel (2) New Silver Beach (3)	Wild Harbor - Outer Channel (2) Maintenance Dredging New Silver Beach (3) Nourishment & Typical Sections	Sheets 6 & 7
Trunk River (4)	Trunk River (4) Maintenance Dredging & Typical Sections	Sheets 8 & 9
Salt Pond (5)	Salt Pond (5) Maintenance Dredging & Typical Sections	Sheets 10 & 11
Fresh River (6)	Fresh River (6) Maintenance Dredging & Typical Sections	Sheets 12 & 13
Surf Drive Beach (7)	Surf Drive Beach (7) Nourishment, Abutters & Typical Sections	Sheets 14-16
Falmouth Inner Harbor Entrance Channel (8) Clinton Ave Beach (9)	Falmouth Inner Harbor (8) Maintenance Dredging Clinton Avenue Beach (9) Nourishment & Typical Sections	Sheets 17 & 18
Falmouth Heights Beach (11)	Falmouth Heights Beach (11) Nourishment, Abutters & Typical Sections	Sheets 19-21
Little Pond (12) Bristol Beach (13)	Little Pond (12) Maintenance Dredging Bristol Beach (13) Nourishment & Typical Sections	Sheets 22 & 23
Great Pond (14) Acapesket Improvement Assoc. Beach (15) Inn Seasons Resort Beach (25)	Great Pond (14) Maintenance Dredging Acapesket Assoc. Beach (15) Inn Seasons Resort Beach (25) Nourishment & Typical Sections	Sheets 24 & 25
Green Pond (16) Acapesket Improvement Assoc. Beach (17) Pyne Trustees Beach (26)	Green Pond (16) Maintenance Dredging Ackpesket Assoc. Beach (17) Pyne Trustees Beach (26) Nourishment & Typical Sections	Sheets 26-28
Bourne's Pond - Outer Channel (18)	Bourne's Pond - Outer Channel (18) Maintenance Dredging & Typical Section	Sheets 29 & 30
Bourne's Pond - Inner Channel (19)	Bourne's Pond - Inner Channel (19) Maintenance Dredging & Typical Section	Sheets 31 & 32
Menauhant Beach (20)	Menauhant Beach (20) Nourishment & Typical Section	Sheets 33 & 34

Woods Hole Group

Eel River Entrance Channel (21)	Eel River Entrance Channel (21) Maintenance Dredging & Typical Section	Sheets 35 & 36
Eel River Extension (22)	Eel River Extension (22) Maintenance & Improvement Dredging & Typical Section	Sheets 37 & 38



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

Town of Falmouth
Comprehensive Permit for
Dredging & Beach
Nourishment
Locus-Buzzards Bay

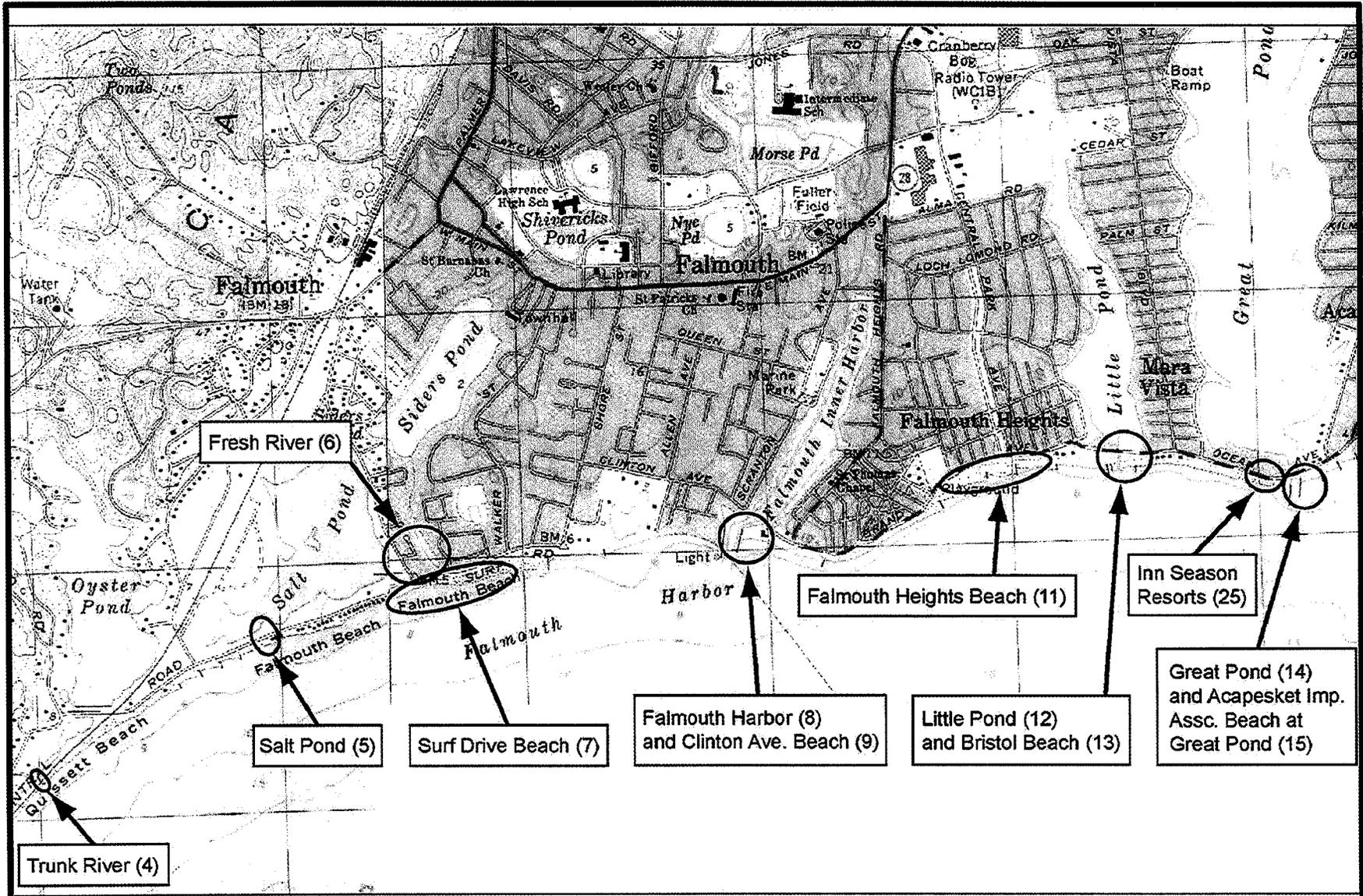
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 1 CF 38

DATE: 11-9-11

REVISED:



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

Town of Falmouth
 Comprehensive Permit for
 Dredging & Beach Nourishment
 Locust-Vineyard Sound West

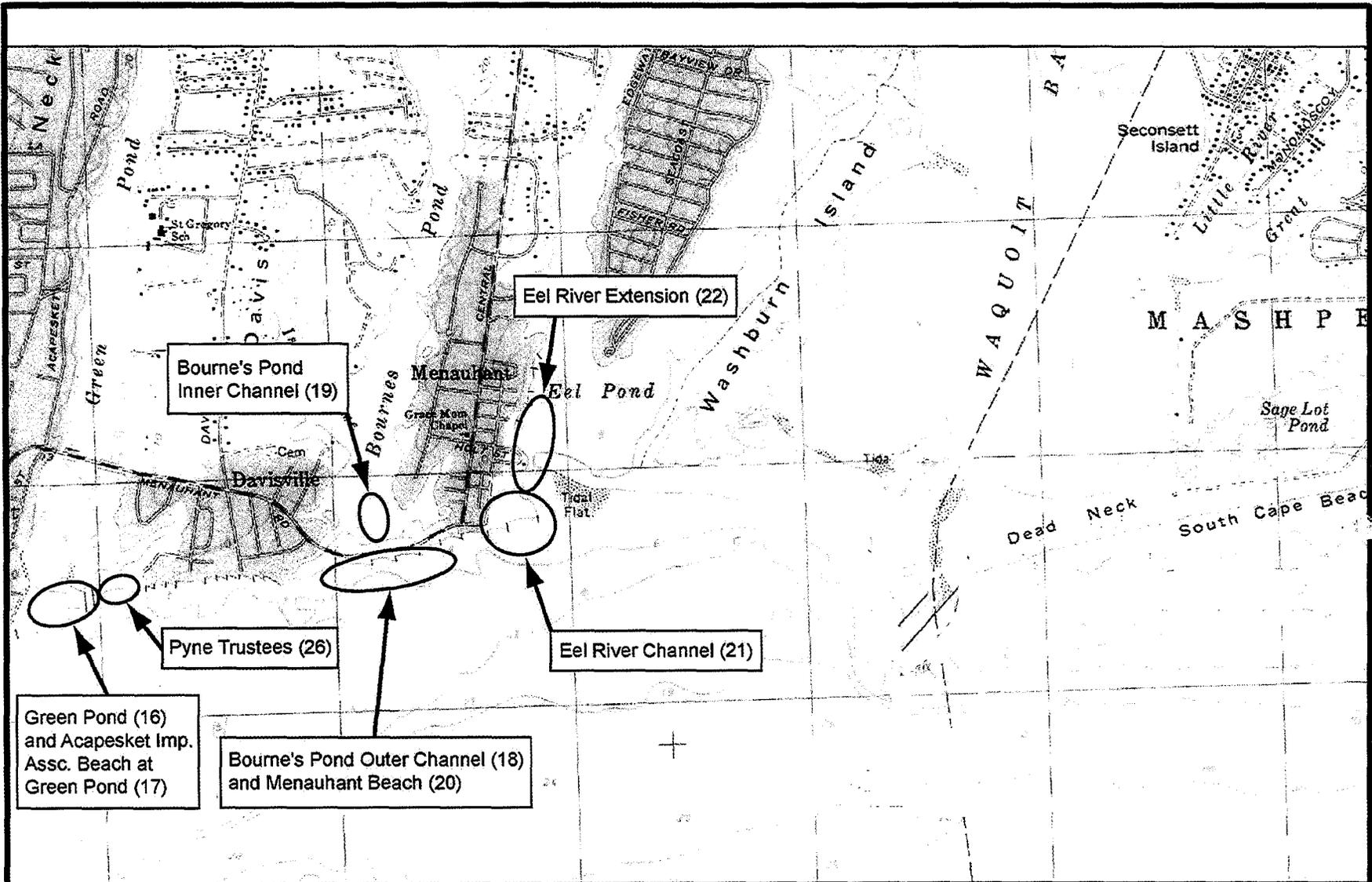
APPLICATION BY:
 TOWN OF FALMOUTH

TOWN: FALMOUTH
 COUNTY: BARNSTABLE
 STATE: MA

SHEET 2 OF 38

DATE: 11-9-11

REVISED:

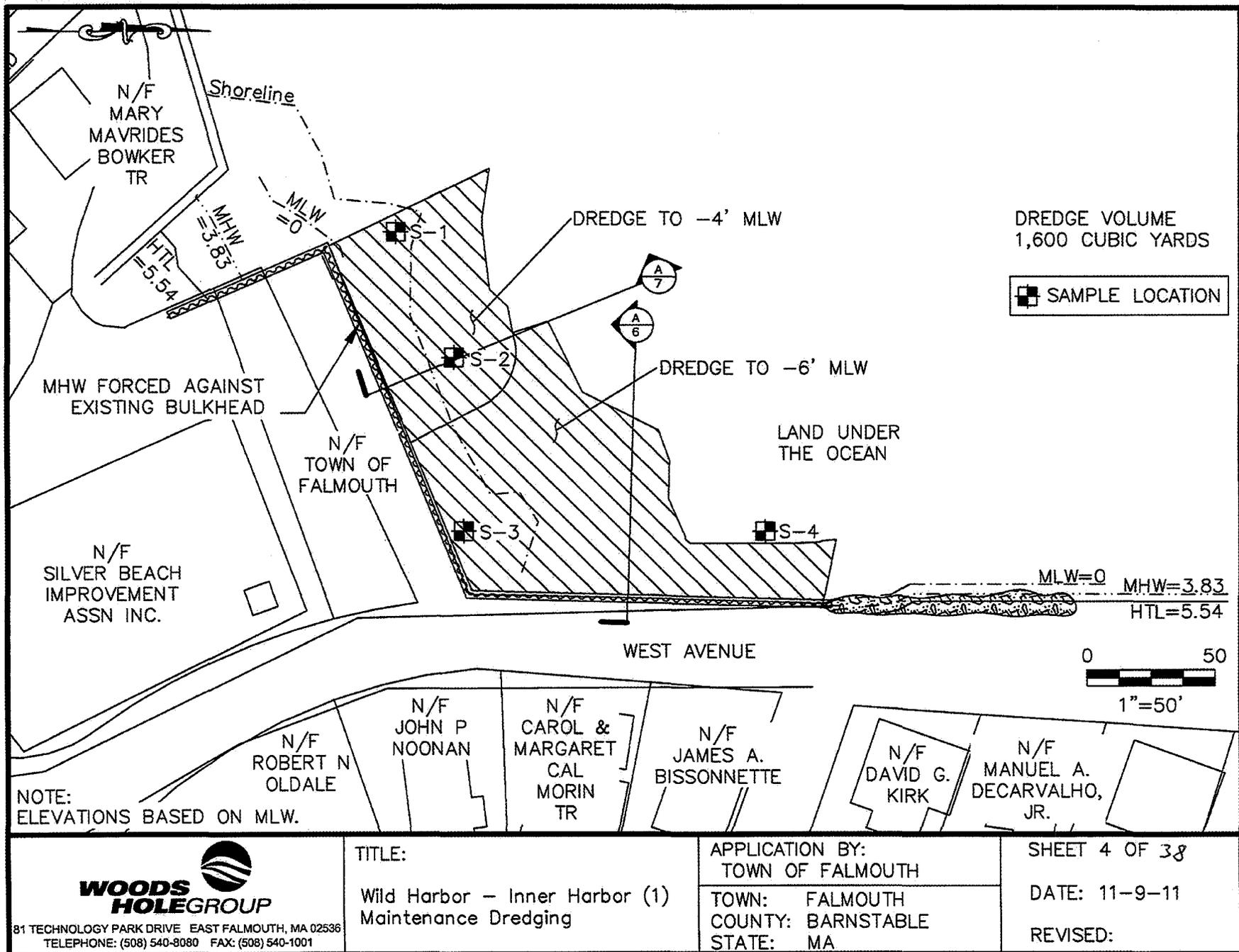


WOODS HOLE GROUP
 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

Town of Falmouth
 Comprehensive Permit for
 Dredging & Beach Nourishment
 Locus-Vineyard Sound East

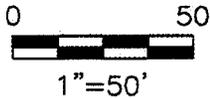
APPLICATION BY:
 TOWN OF FALMOUTH
 TOWN: FALMOUTH
 COUNTY: BARNSTABLE
 STATE: MA

SHEET 3 of 3g
 DATE: 11-9-11
 REVISED:



DREDGE VOLUME
1,600 CUBIC YARDS

■ SAMPLE LOCATION



NOTE:
ELEVATIONS BASED ON MLW.

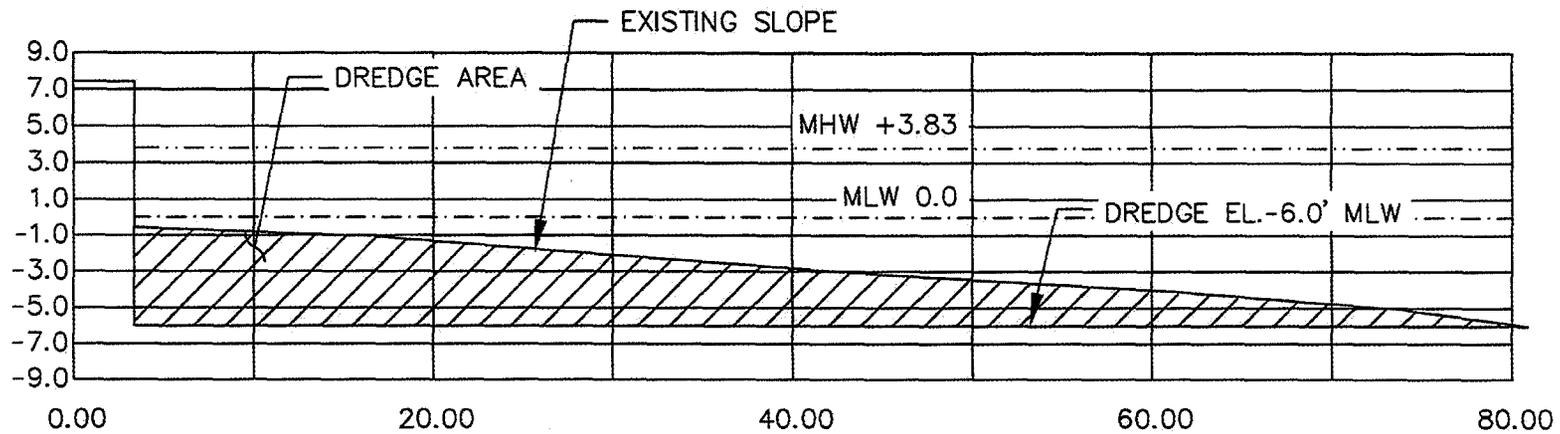


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

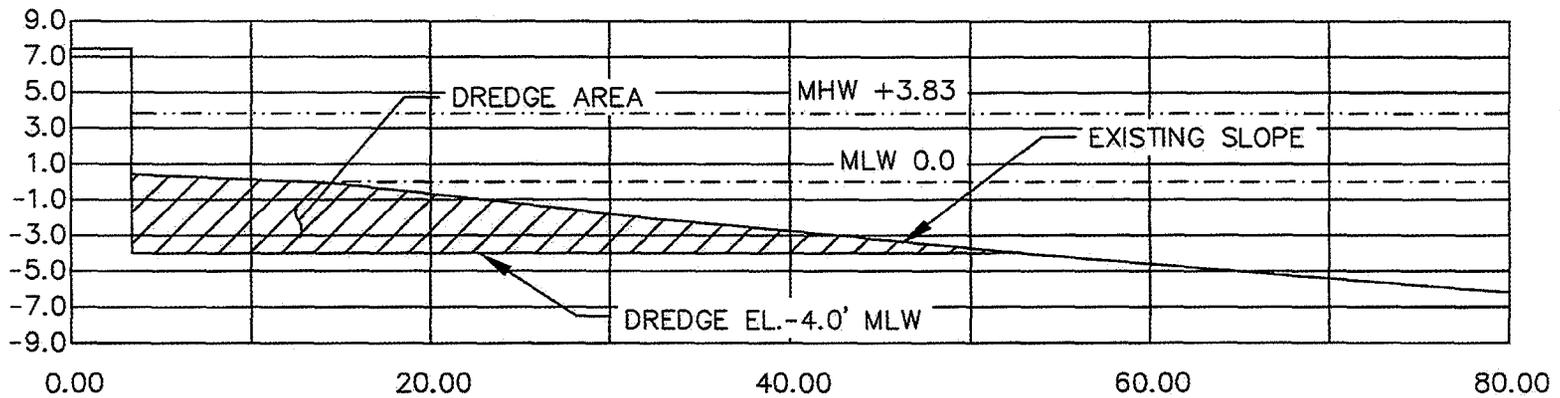
TITLE:
Wild Harbor – Inner Harbor (1)
Maintenance Dredging

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 4 OF 38
DATE: 11-9-11
REVISED:



A
6
DREDGE PROFILE
SCALE: 1" = 10'



A
7
DREDGE PROFILE
SCALE: 1" = 10'

NOTE:
ELEVATIONS BASED ON MLW.

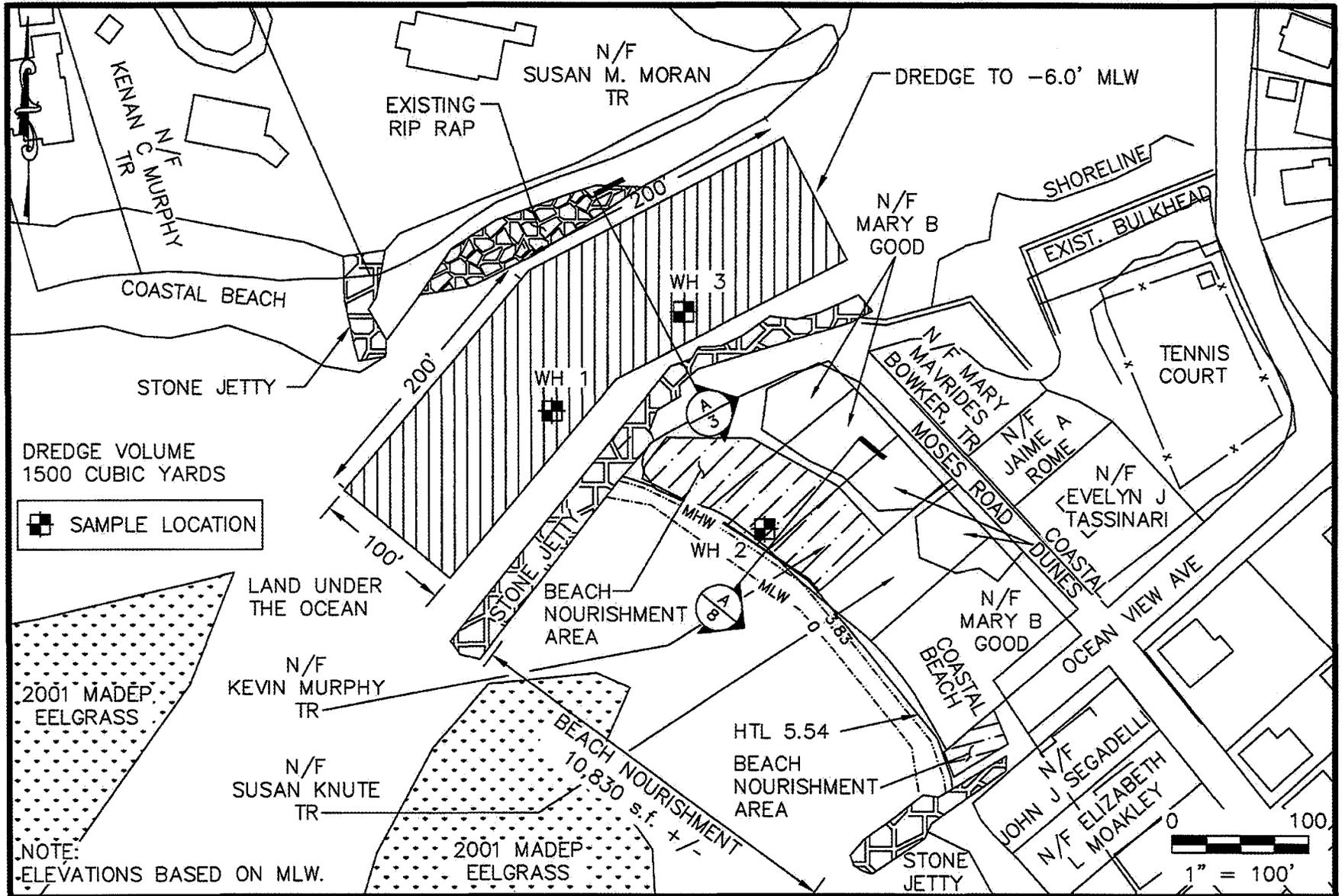


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Wild Harbor - Inner Harbor (1)
Typical Section

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 5 OF 38
DATE: 11-9-11
REVISED:



DREDGE VOLUME
1500 CUBIC YARDS

☒ SAMPLE LOCATION

NOTE:
ELEVATIONS BASED ON MLW.

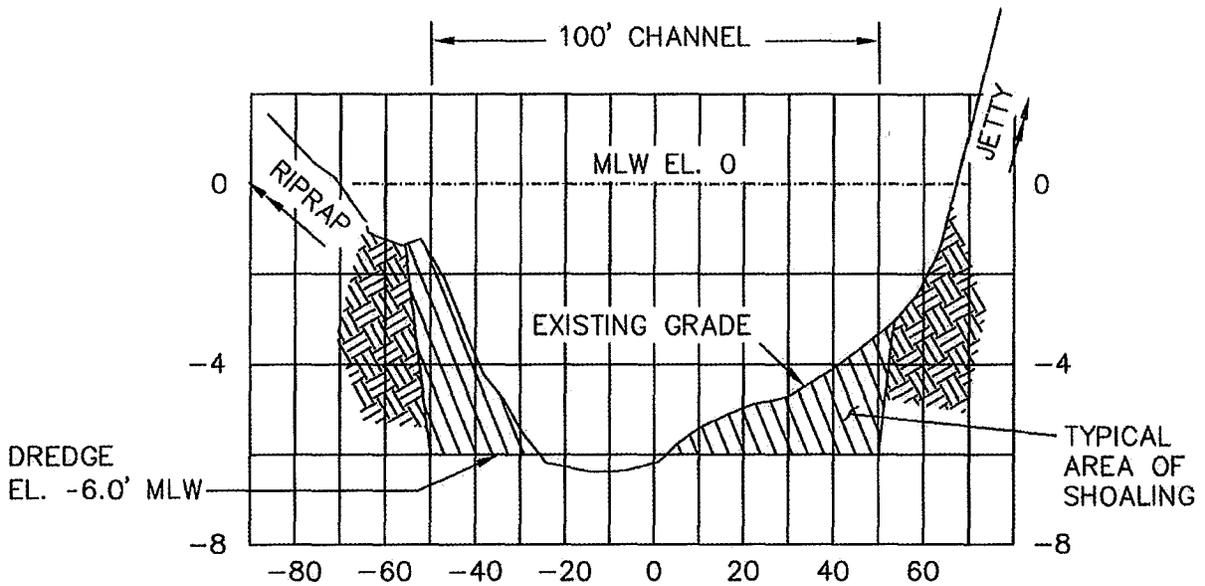


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Wild Harbor - Outer Channel (2)
Maintenance Dredging
New Silver Beach (3)
Nourishment

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 6 OF 38
DATE: 11-9-11
REVISED:

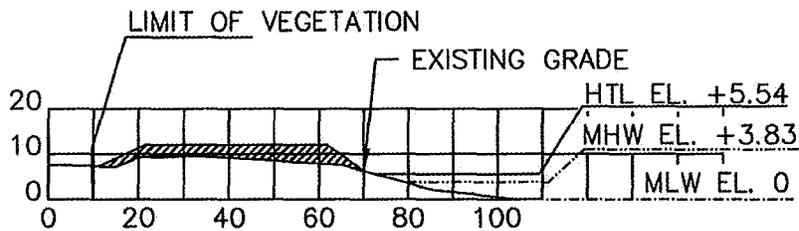


A
3

TYPICAL DREDGE SECTION

HORIZONTAL SCALE: 1" = 40'

VERTICAL SCALE: 1" = 4'



A
8

TYPICAL BEACH NOURISHMENT SECTION

HORIZONTAL SCALE: 1" = 40'

VERTICAL SCALE: 1" = 40'

NOTE:
ELEVATIONS BASED ON MLW.

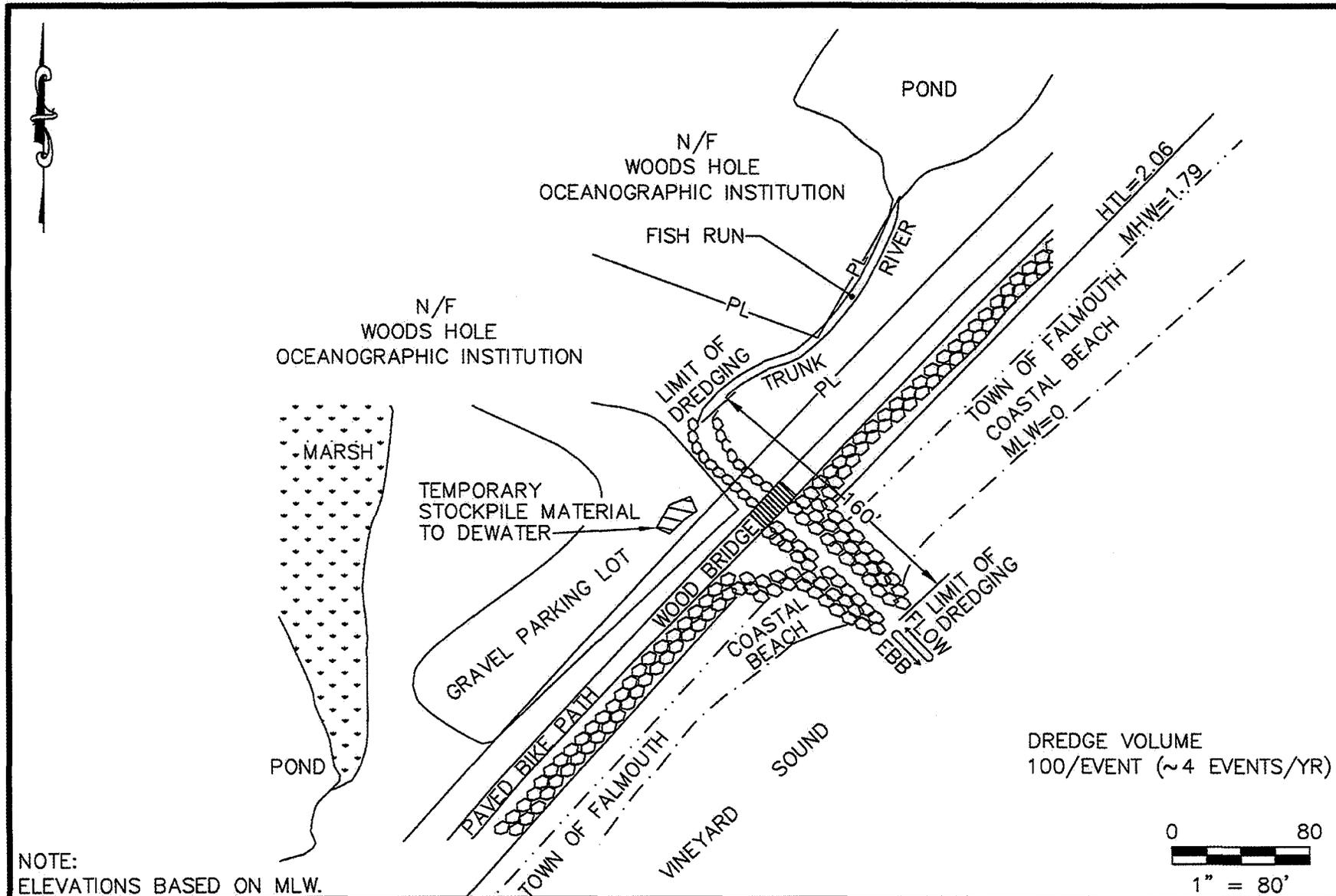


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

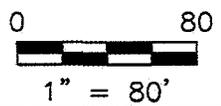
TITLE:
Wild Harbor-Outer
Channel (2)
New Silver Beach (3)
Typical Sections

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 7 OF 38
DATE: 11-9-11
REVISED:

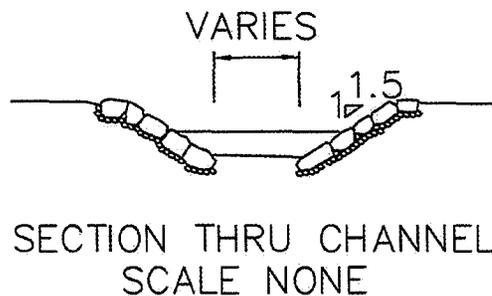
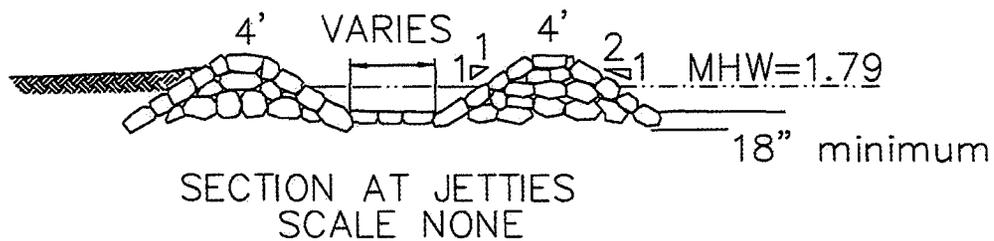


DREDGE VOLUME
100/EVENT (~4 EVENTS/YR)



NOTE:
ELEVATIONS BASED ON MLW.

 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE:	APPLICATION BY:	SHEET 8 OF 38
	Trunk River (4) Maintenance Dredging	TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	

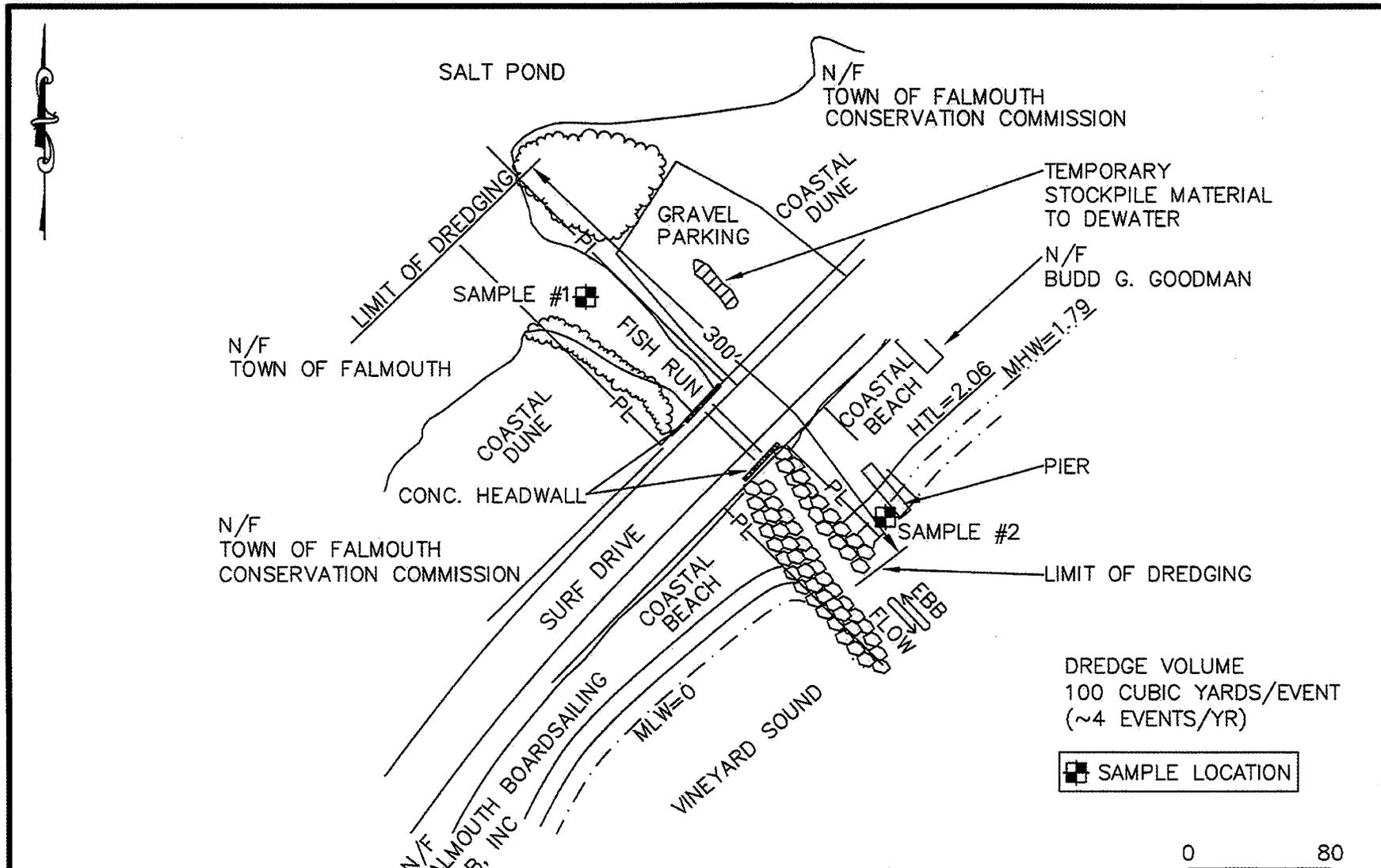


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Trunk River (4)
Typical Sections

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

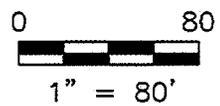
SHEET 9 OF 38
DATE: 11-9-11
REVISED:



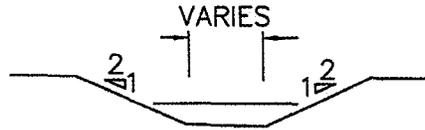
NOTE:
ELEVATIONS BASED ON MLW.

DREDGE VOLUME
100 CUBIC YARDS/EVENT
(~4 EVENTS/YR)

☒ SAMPLE LOCATION



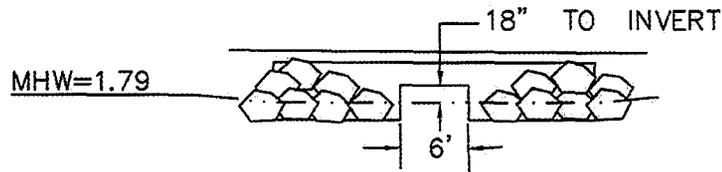
 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Salt Pond (5) Maintenance Dredging	APPLICATION BY: TOWN OF FALMOUTH	SHEET 10 OF 38
	TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 11-9-11 REVISED:	



NOTE: MAINTAIN BOTTOM AT NOT LESS THAN INVERT OF CULVERT

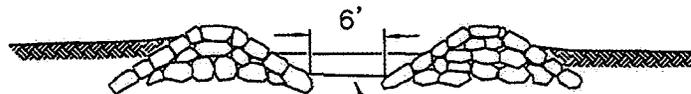
SECTION AT CHANNEL

SCALE: NONE



SECTION AT HEADWALL

SCALE: NONE



NOTE: MAINTAIN BOTTOM AT NOT LESS THAN TOE STONE

SECTION AT JETTIES

SCALE: NONE

NOTE:
ELEVATIONS BASED ON MLW.

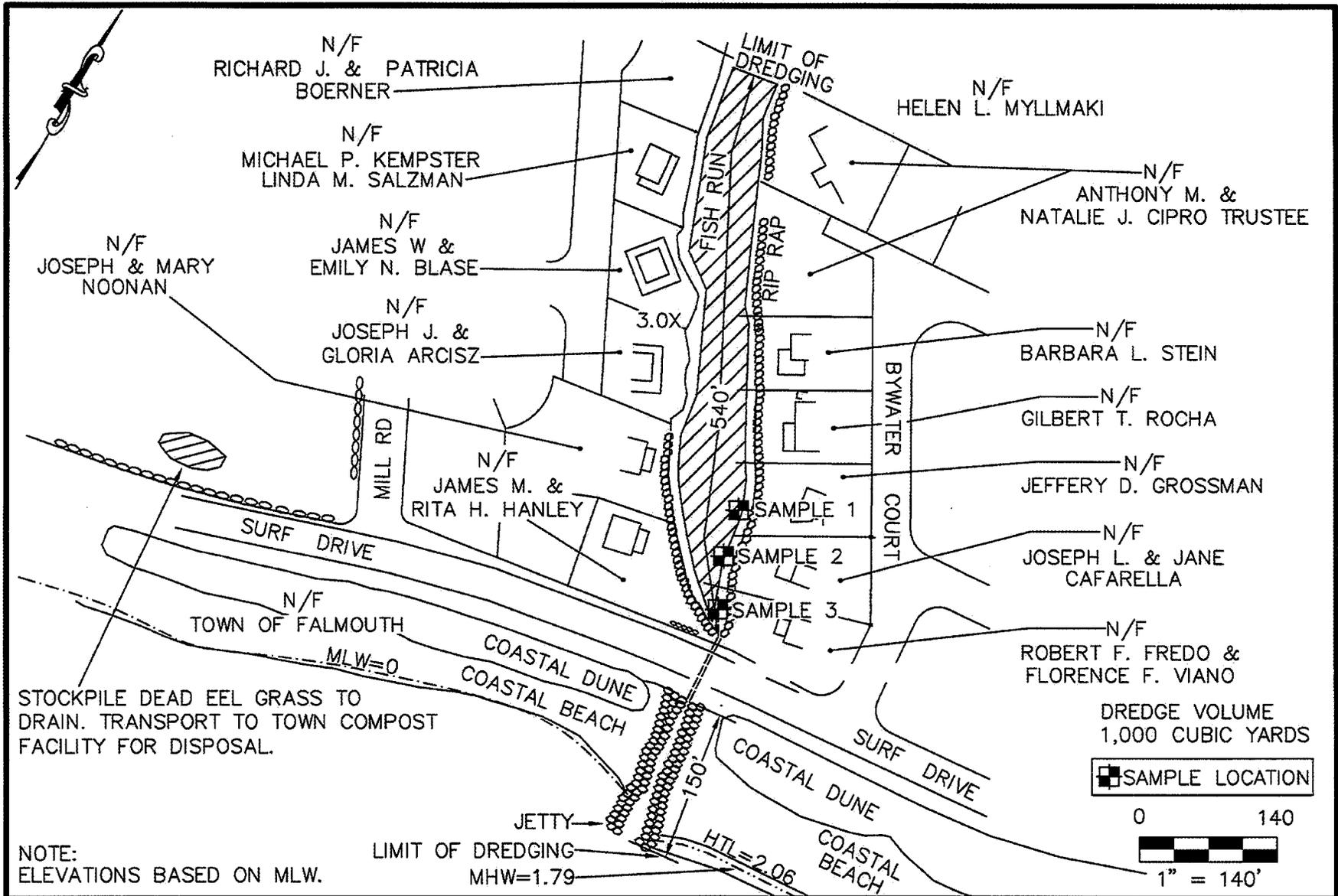


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Salt Pond (5)
Typical Sections

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 11 OF 38
DATE: 11-9-11
REVISED:

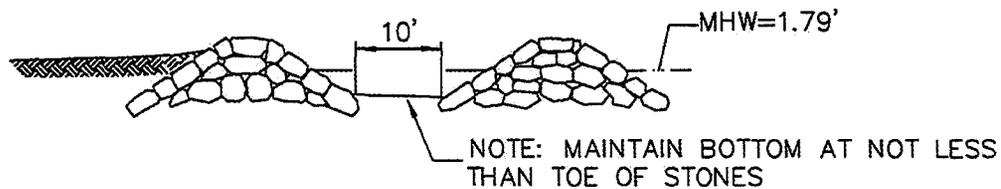


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

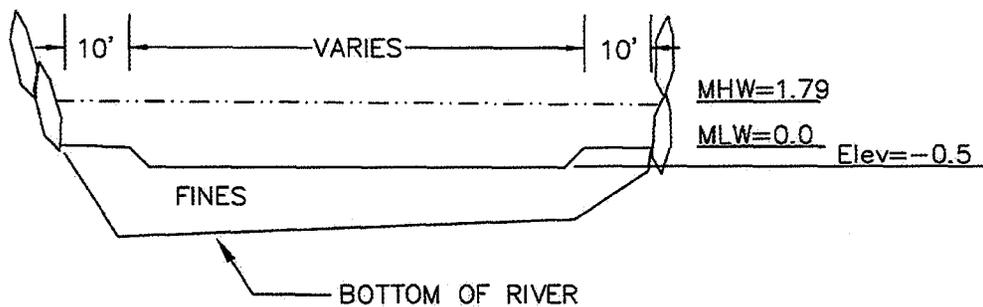
TITLE:
 Fresh River (6)
 Maintenance Dredging

APPLICATION BY:
 TOWN OF FALMOUTH
 TOWN: FALMOUTH
 COUNTY: BARNSTABLE
 STATE: MA

SHEET 12 OF 38
 DATE: 11-9-11
 REVISED:



TYPICAL SECTION
NOT TO SCALE



TYPICAL SECTION
NOT TO SCALE

NOTE:
ELEVATIONS BASED ON MLW.

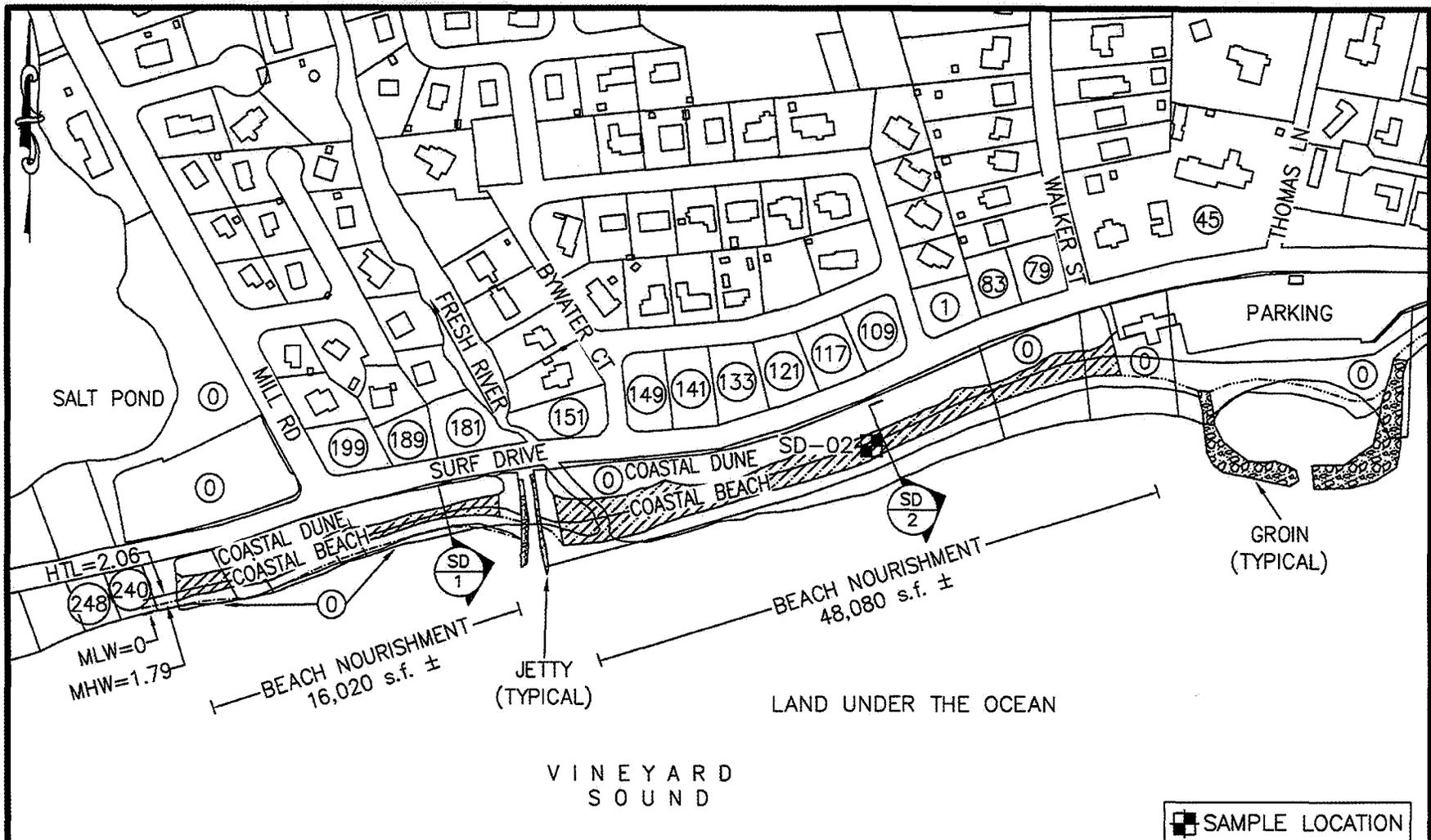


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Fresh River (6)
Typical Sections

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

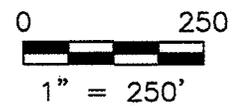
SHEET 13 OF 38
DATE: 11-9-11
REVISED:



ABUTTER INFORMATION ON NEXT PAGE

NOTE:
ELEVATIONS BASED ON MLW

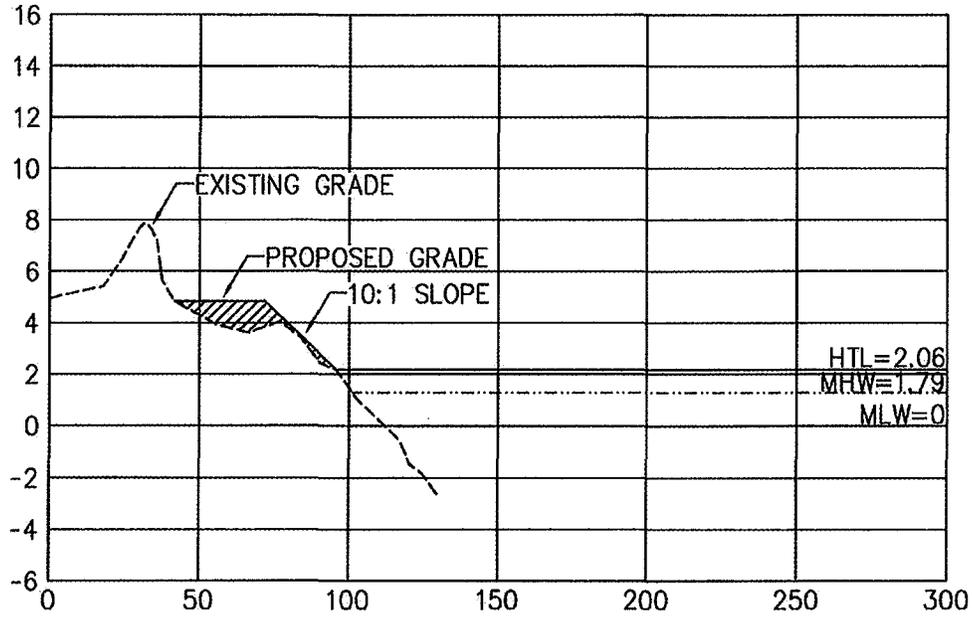
■ SAMPLE LOCATION



 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Surf Drive Beach (7) Nourishment	APPLICATION BY: TOWN OF FALMOUTH	SHEET 14 OF 38
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 11-9-11 REVISED:

<u>Address</u>	<u>Owner</u>
0 SURF DR	N/F FALMOUTH TOWN OF
199 SURF DR	N/F FOSTER JR HERBERT F
189 SURF DR	N/F EVANGELISTA JENNIE M
181 SURF DR	N/F HANLEY TRUSTEE RITA H
151 SURF DR	N/F FREDO ROBERT F
149 SURF DR	N/F MOLINSKY STEVEN J
141 SURF DR	N/F WALSH JULIANNE M
133 SURF DR	N/F MOURA JOSEPH R
121 SURF DR	N/F TAYLOR TRUSTEE GAVAN A
117 SURF DR	N/F DICK ARLYNE J
109 SURF DR	N/F HERRMANN HENRY
1 BYWATER CT	N/F YAROSH VICTORIA J
83 SURF DR	N/F TRACY TRUSTEE CLAYTON P
79 SURF DR	N/F CHRISTO TRUSTEE W-A
45 SURF DR	N/F BEACHSIDE VILLAGE RESORT CONDOMINIUM ASSOCIATION
240 SURF DR	N/F BASS TRUSTEE GILBERT S
248 SURF DR	N/FTHREE HUNDRED COMMITTEE INC

 <small>81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001</small>	TITLE: Surf Drive Beach (7) Abutters	APPLICATION BY: TOWN OF FALMOUTH	SHEET 15 OF 38
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 11-9-11 REVISED:

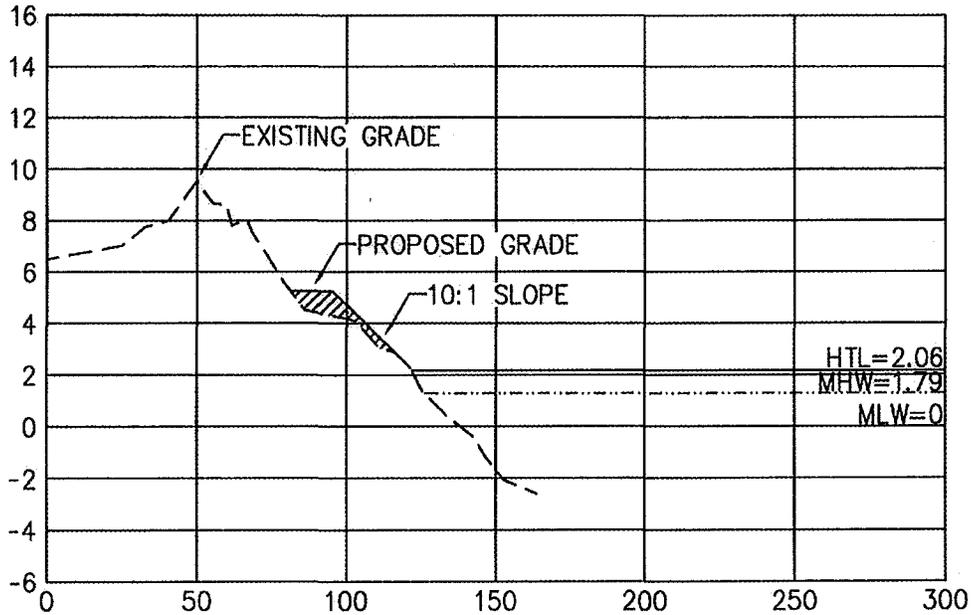


SD
1

TYPICAL BEACH NOURISHMENT SECTION

HORIZONTAL SCALE: 1" = 60'

VERTICAL SCALE: 1" = 7'



SD
2

TYPICAL BEACH NOURISHMENT SECTION

HORIZONTAL SCALE: 1" = 60'

VERTICAL SCALE: 1" = 7'

NOTE:
ELEVATIONS BASED
ON MLW



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Surf Drive Beach (7)
Typical Sections

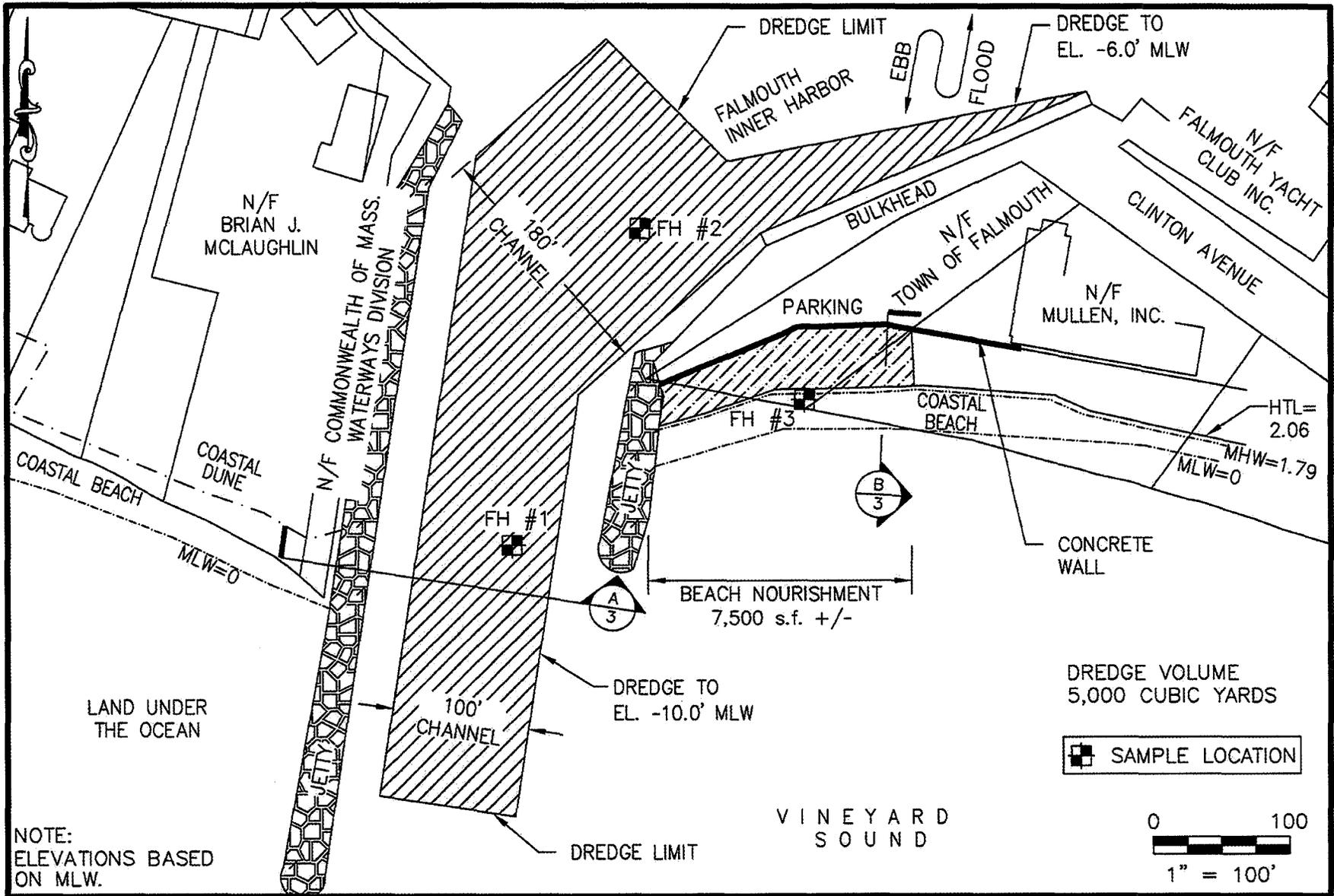
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 16 OF 38

DATE: 11-9-11

REVISED:



NOTE:
ELEVATIONS BASED
ON MLW.

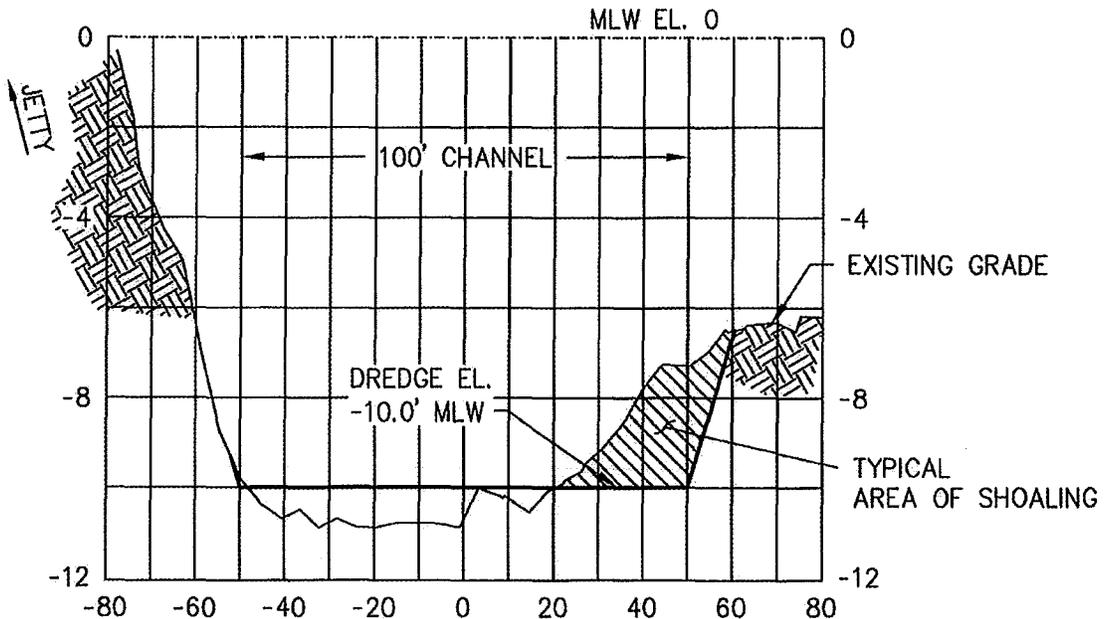


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

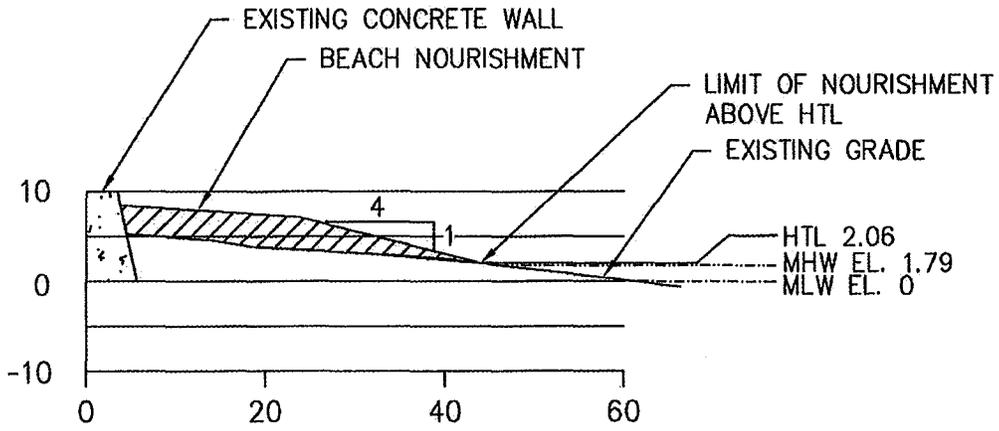
TITLE:
Falmouth Inner Harbor Entrance
Channel (8) Maintenance Dredging
Clinton Avenue Beach (9)
Nourishment

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 17 OF 38
DATE: 11-9-11
REVISED:



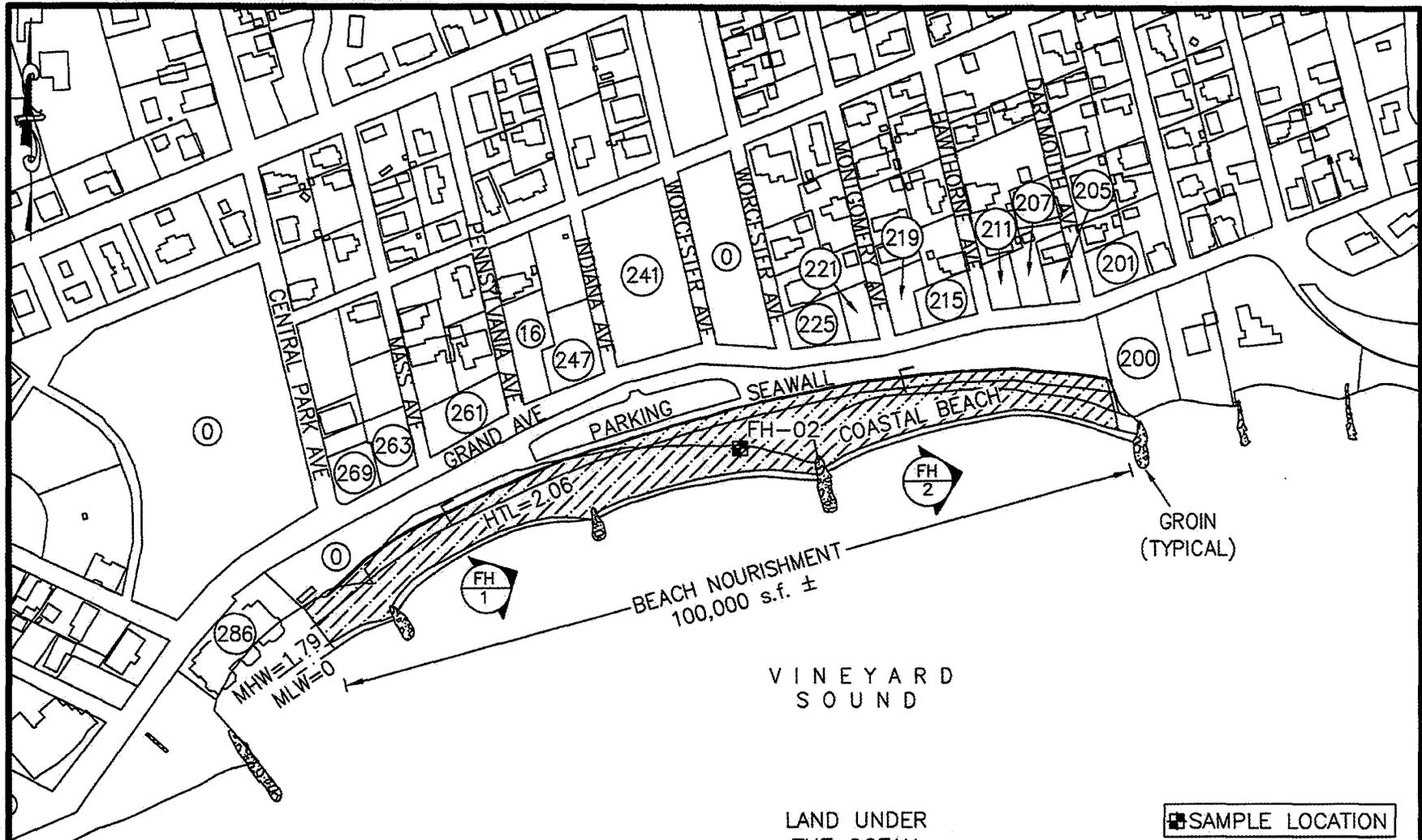
TYPICAL DREDGE SECTION
 HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 4'



TYPICAL BEACH NOURISHMENT SECTION
 SCALE: 1" = 20'

NOTE:
 ELEVATIONS BASED ON MLW.

 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Falmouth Inner Harbor Entrance Channel (8) Clinton Avenue Beach (9) Typical Sections	APPLICATION BY: TOWN OF FALMOUTH TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	SHEET 18 OF 38 DATE: 11-9-11 REVISED:



FOR ADDITIONAL INFORMATION ON NEXT PAGE

NOTE:
ELEVATIONS BASED ON MLW



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Falmouth Heights Beach (11)
Nourishment

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 19 OF 38
DATE: 11-9-11
REVISED:

Address

Owner

0 GRAND AVE	N/F FALMOUTH TOWN OF
200 GRAND AVE	N/F PAPAZIAN TR CLEMENT E
286 GRAND AVE	N/F CASINO WHARF CONDO OWNERS
0 CENTRAL PARK AVE	N/F FALMOUTH TOWN OF
201 GRAND AVE	N/F SHEEHAN TRUSTEE CELIA D
205 GRAND AVE	N/F WALKER TR SAMUEL G
207 GRAND AVE	N/F BENARD TRUSTEE RICHARD D
211 GRAND AVE	N/F WILLIAMS II JOHN E
215 GRAND AVE	N/F HABEL GEORGE T
219 GRAND AVE	N/F HANFORD TRUSTEE AMME
221 GRAND AVE	N/F HILTZ JR STUART
225 GRAND AVE	N/F 225 GRAND AVE SOUTH LLC
241 GRAND AVE	N/F CAPTAINS QUARTERS AT SURFSIDE RESORT CONDOMINIUM
247 GRAND AVE	N/F SPOKOWSKI WALTER S
16 PENNSYLVANIA AVE	N/F FANALE DEBORAH A
261 GRAND AVE	N/F SCHECTER RICHARD L
263 GRAND AVE	N/F FALMOUTH PROPERTY LLC
269 GRAND AVE	N/F FALMOUTH PROPERTY LLC
0 WORCESTER AVE	N/F FALMOUTH TOWN OF



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Falmouth Heights
Beach (11)
Abutters

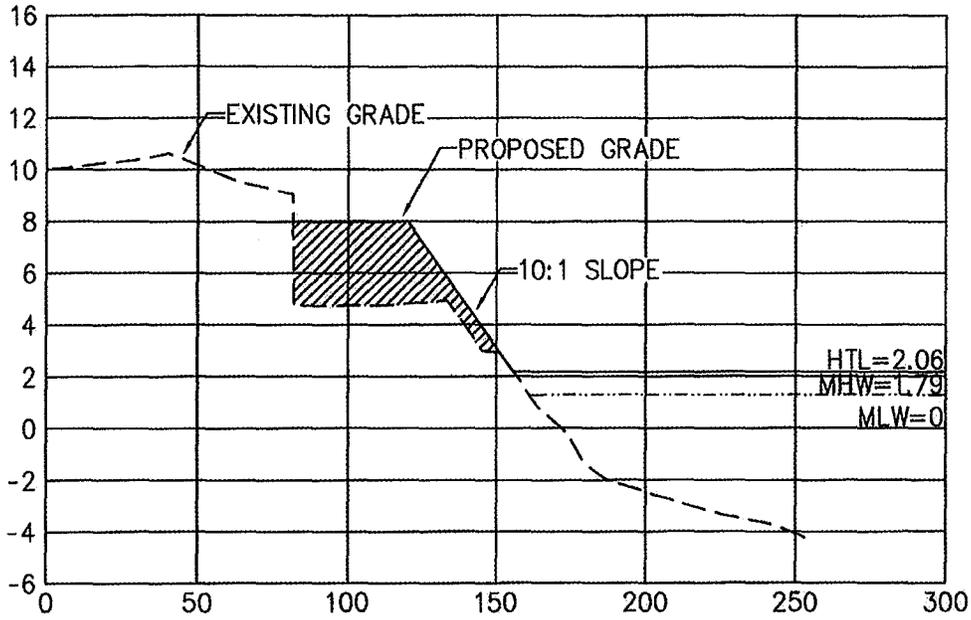
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 20 OF 38

DATE: 11-9-11

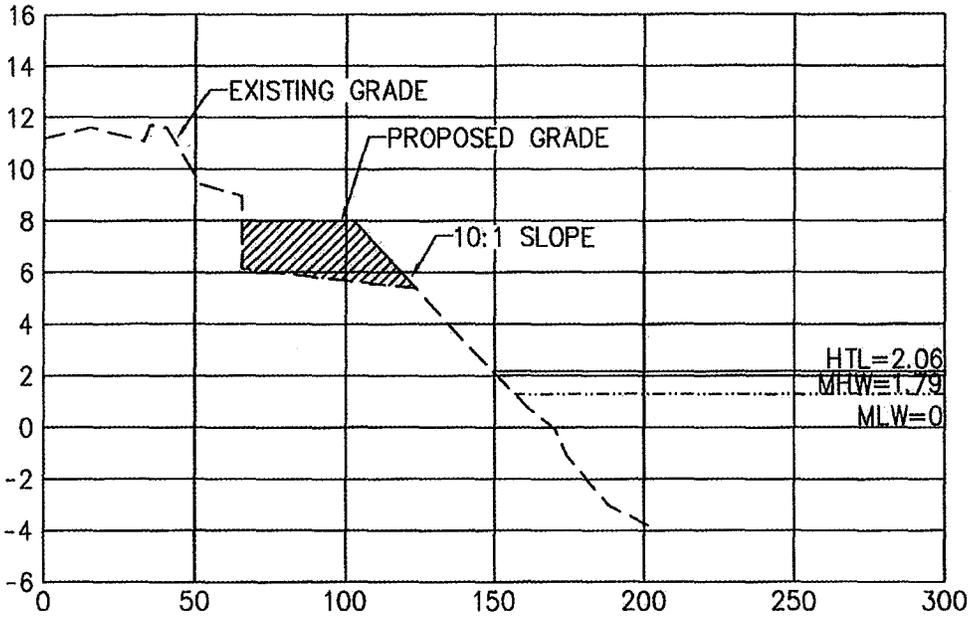
REVISED:



FH
1

TYPICAL BEACH NOURISHMENT SECTION

HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 7'



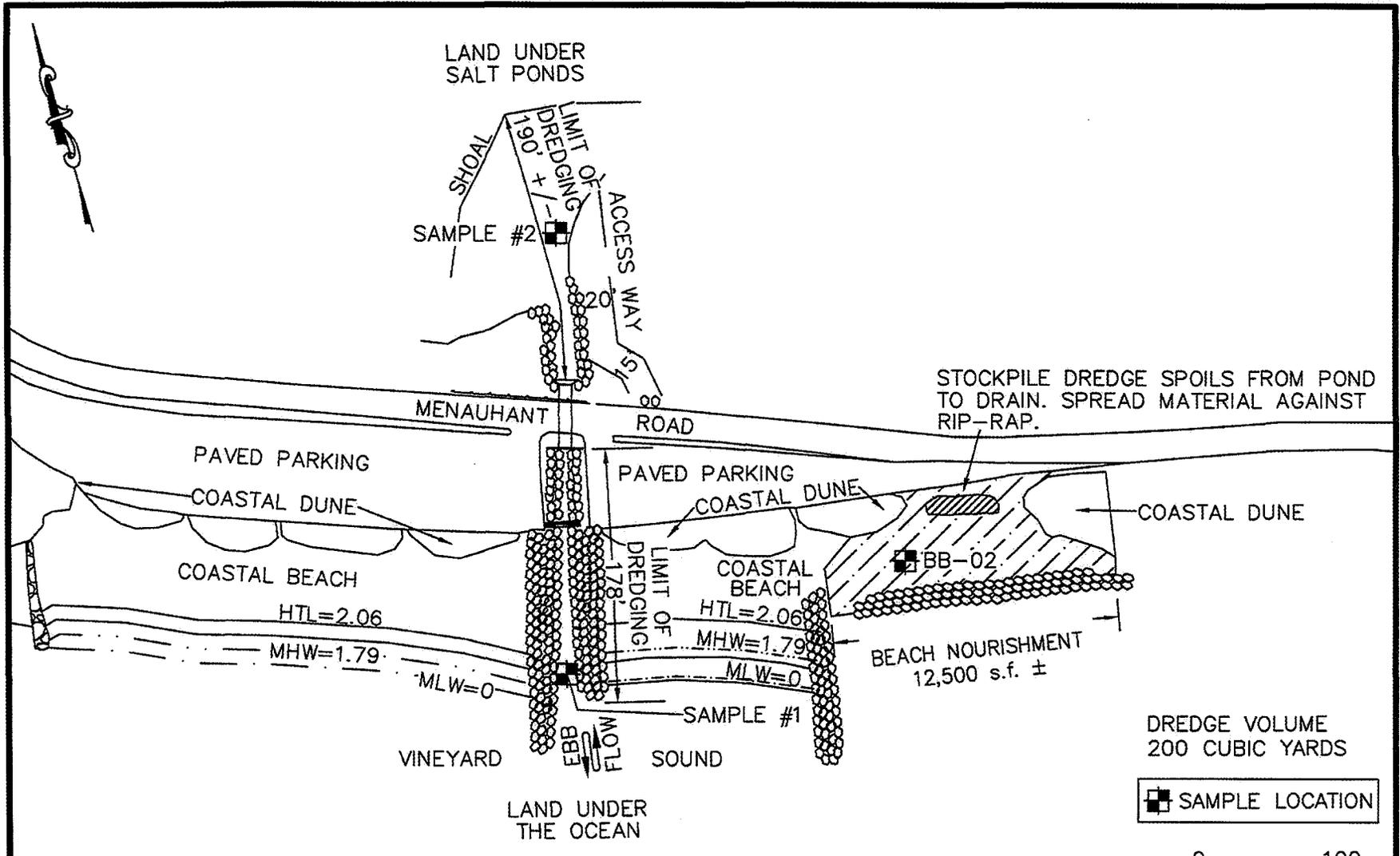
FH
2

TYPICAL BEACH NOURISHMENT SECTION

HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 7'

NOTE:
ELEVATIONS BASED
ON MLW

 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Falmouth Heights Beach (11) Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 21 OF 38
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 11-9-11 REVISED:



☒ SAMPLE LOCATION

0 100
 1" = 100'

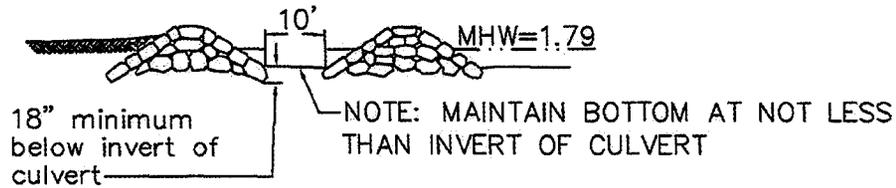
NOTE:
 ELEVATIONS BASED ON MLW

WOODS HOLE GROUP
 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

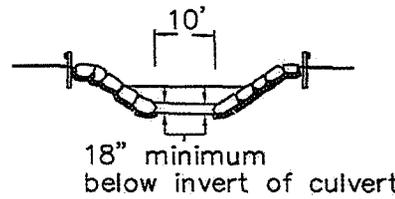
TITLE:
 Little Pond (12)
 Maintenance Dredging
 Bristol Beach (13) Nourishment

APPLICATION BY:
 TOWN OF FALMOUTH
 TOWN: FALMOUTH
 COUNTY: BARNSTABLE
 STATE: MA

SHEET 22 OF 38
 DATE: 11-9-11
 REVISED:

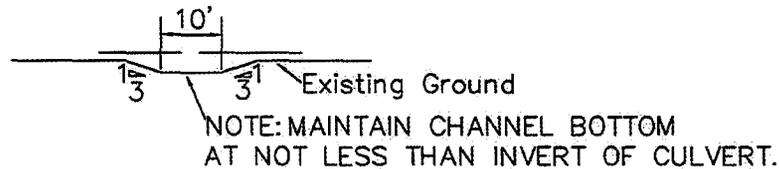


SECTION AT JETTIES
SCALE: NONE



NOTE: MAINTAIN BOTTOM AT NOT LESS THAN INVERT OF CULVERT

SECTION AT RIP RAP CHANNEL
SCALE: NONE



SECTION IN POND
SCALE: NONE

NOTE:
ELEVATIONS BASED ON MLW

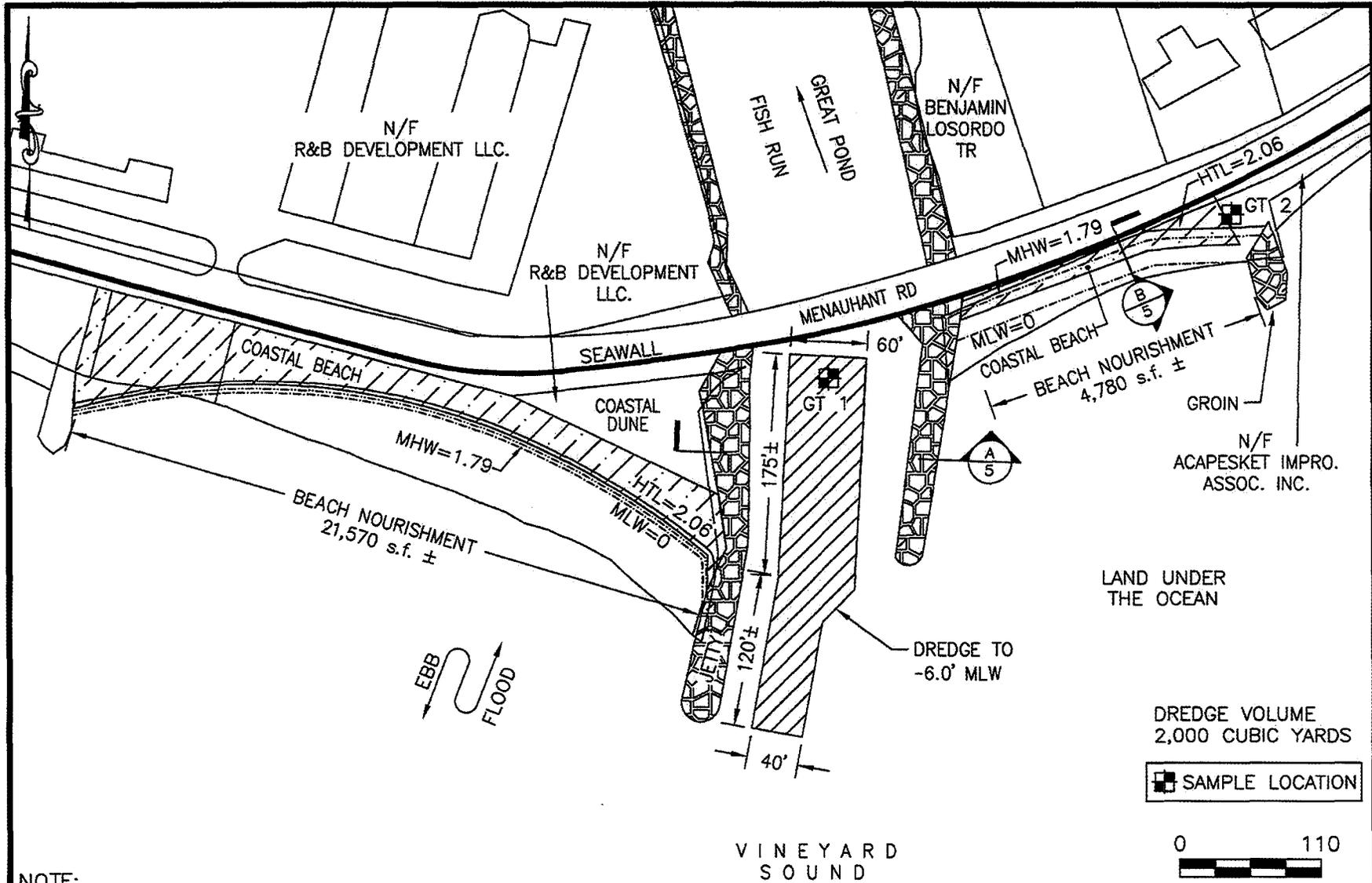


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Little Pond (12)
Typical Sections

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

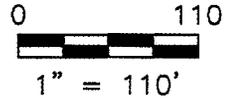
SHEET 23 OF 38
DATE: 11-9-11
REVISED:



NOTE:
ELEVATIONS BASED ON MLW

DREDGE VOLUME
2,000 CUBIC YARDS

☐ SAMPLE LOCATION



WOODS HOLE GROUP

81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Great Pond (14) Maint. Dredging
Acapesket Assoc. Beach (15)
Inn Seasons Resort Beach (25)
Nourishment

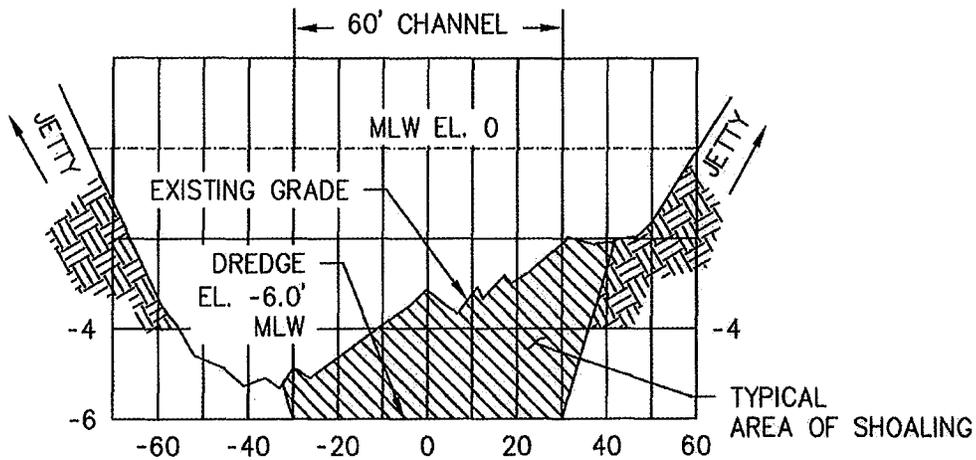
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 24 OF 33

DATE: 11-9-11

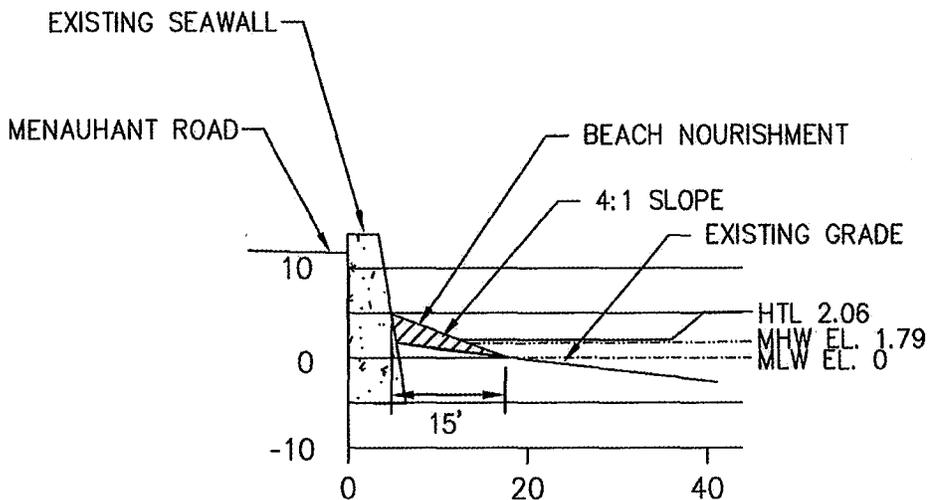
REVISED:



A
5

TYPICAL DREDGE SECTION

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



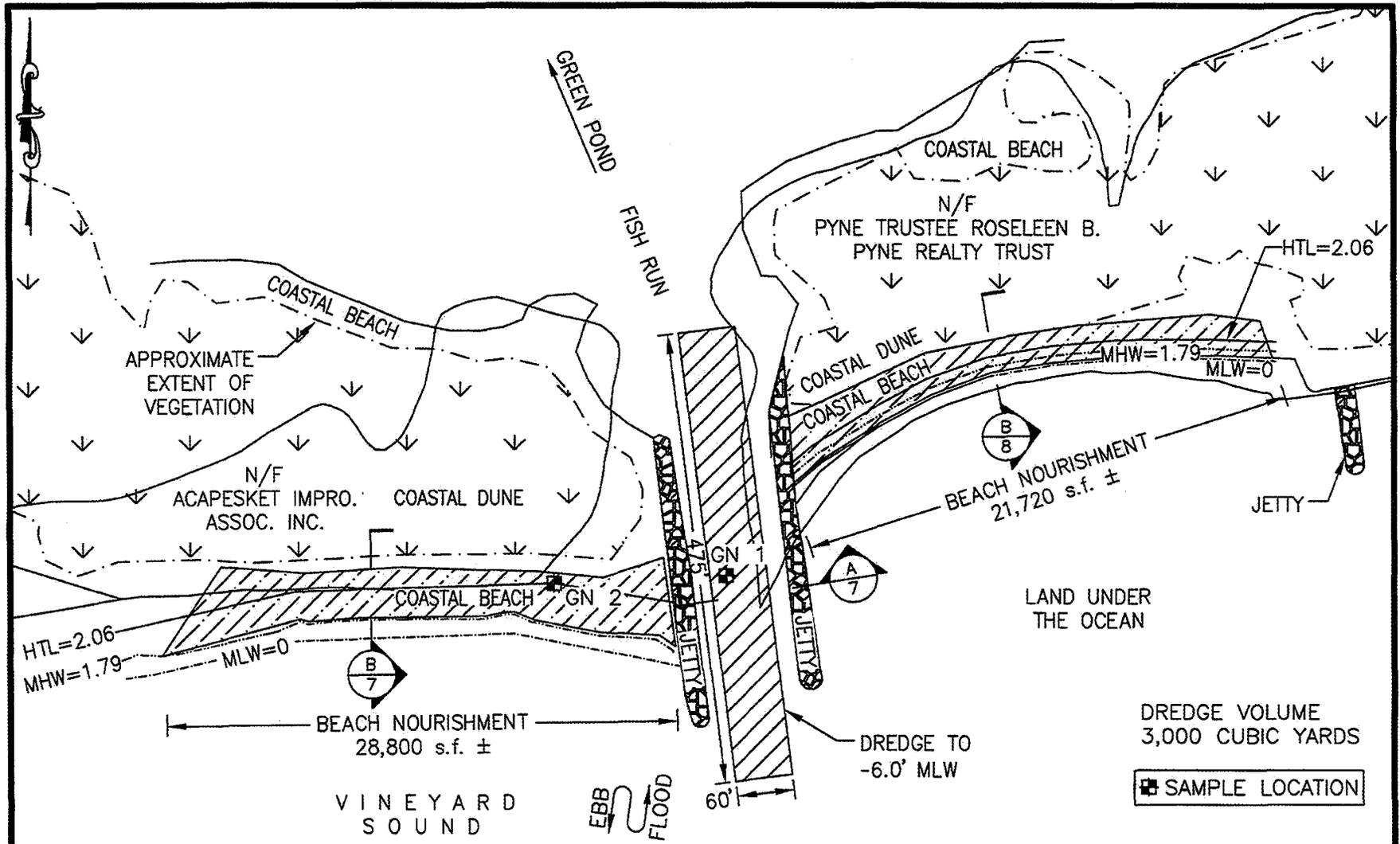
B
5

TYPICAL BEACH NOURISHMENT SECTION

HORIZONTAL SCALE: 1" = 20'

NOTE:
ELEVATIONS BASED ON MLW.

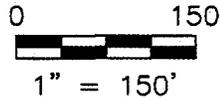
 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Great Pond (14) Acapesket Assc. Beach (15) Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 25 OF 38
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 11-9-11 REVISED:



NOTE:
ELEVATIONS BASED ON MLW

DREDGE VOLUME
3,000 CUBIC YARDS

☒ SAMPLE LOCATION



WOODS HOLE GROUP

81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Green Pond (16) Maint. Dredging
Acapesket Assoc. Beach (17)
Pyne Trustees Beach (26)
Nourishment

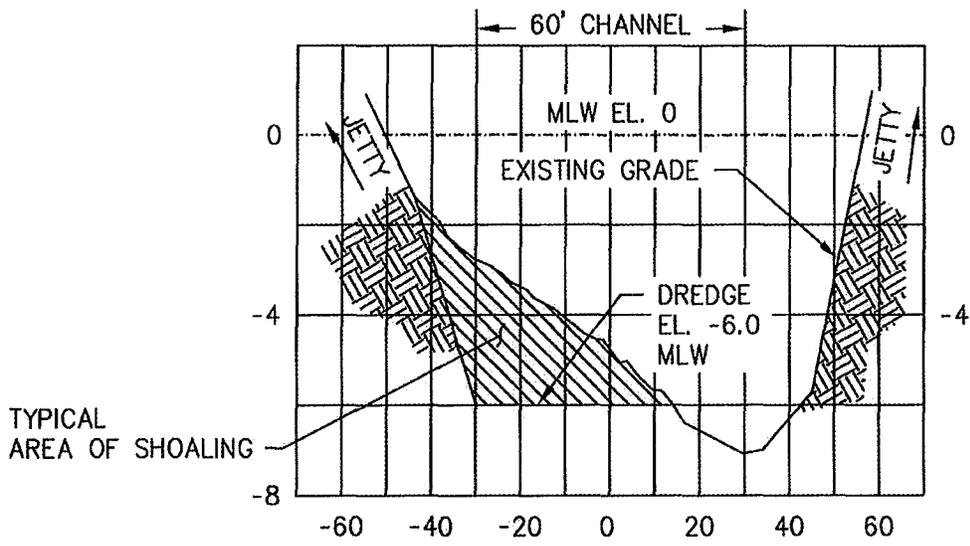
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

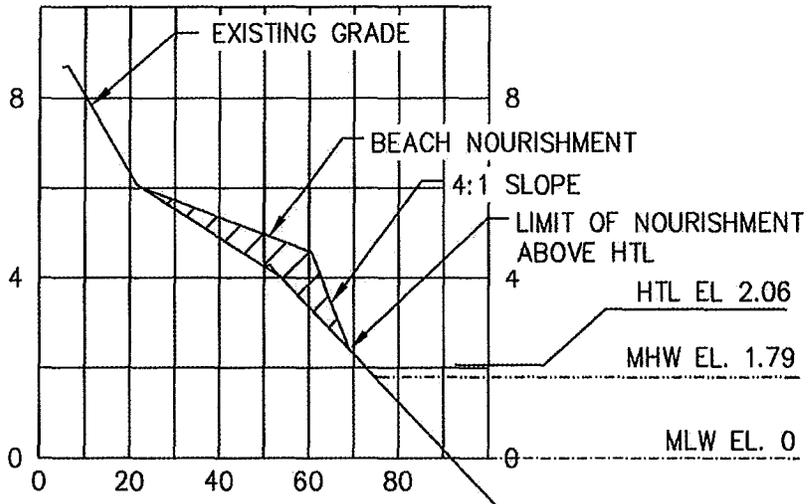
SHEET 26 OF 38

DATE: 11/9/11

REVISED:



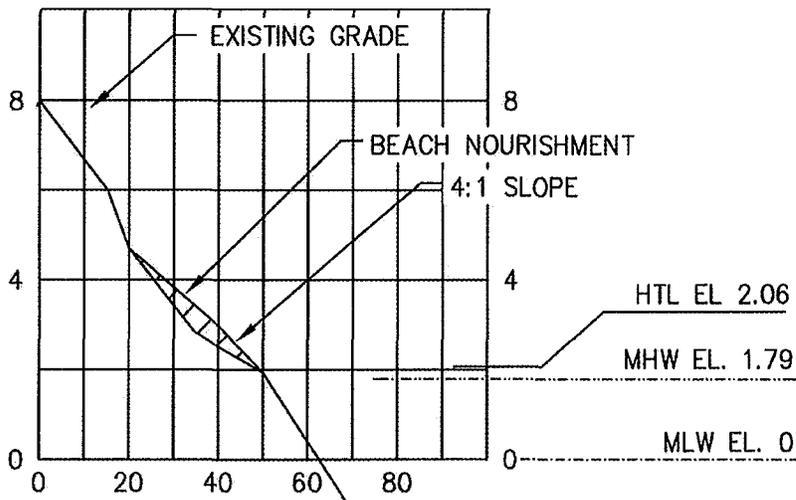
(A)
7
TYPICAL DREDGE SECTION
 HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 4'



(B)
7
TYPICAL BEACH NOURISHMENT SECTION
 HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 4'

NOTE:
 ELEVATIONS BASED ON MLW

 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Green Pond (16) Acapesket Assc. Beach (20) Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 27 OF 38
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 11-9-11 REVISED:



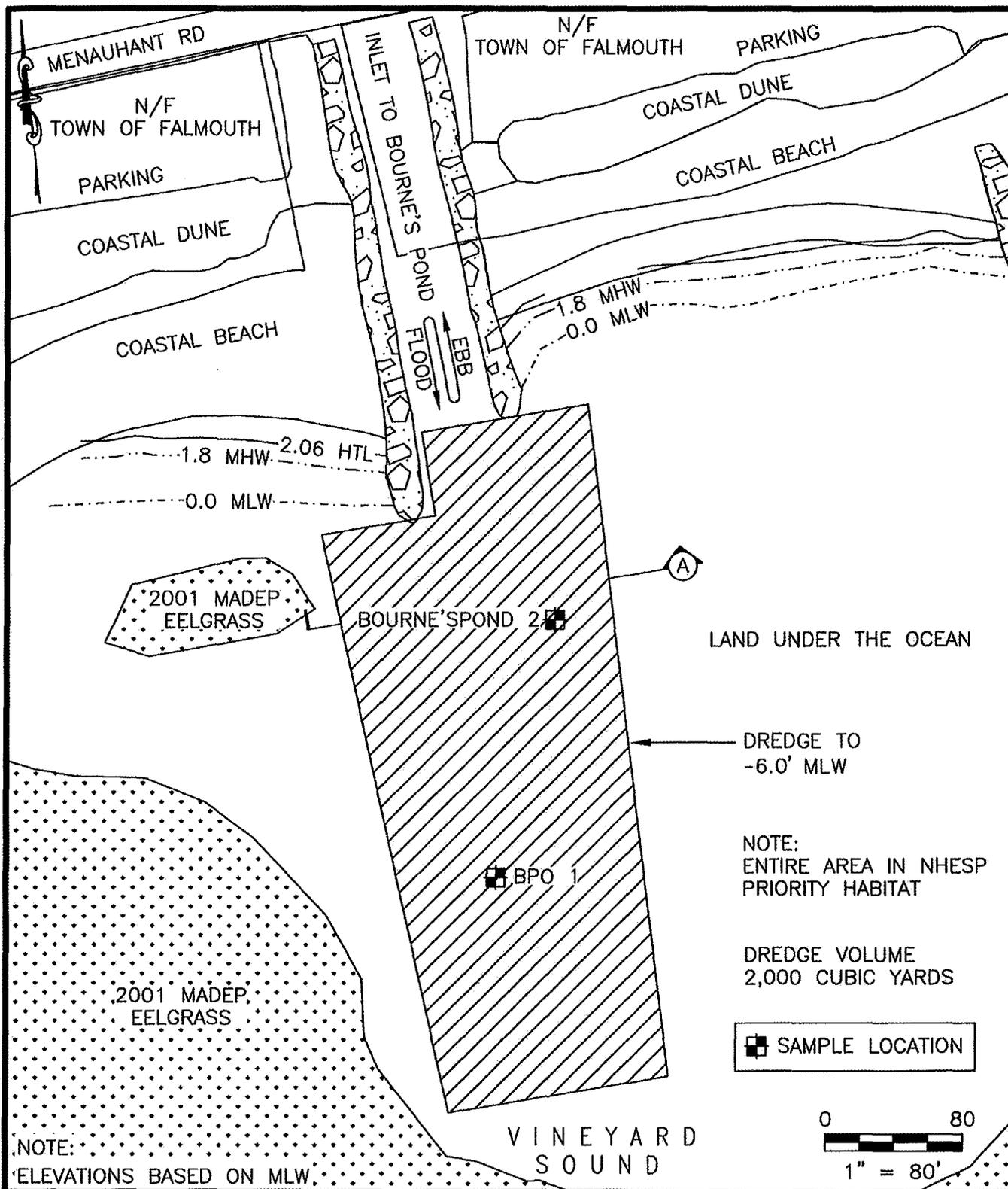
B
8

TYPICAL BEACH NOURISHMENT SECTION

HORIZONTAL SCALE: 1" = 40'
 VERTICAL SCALE: 1" = 4'

NOTE:
 ELEVATIONS BASED ON MLW

 <small>81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02638 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001</small>	TITLE: Pyne Trustees Beach (26) Typical Section	APPLICATION BY: TOWN OF FALMOUTH	SHEET 28 OF 38
	TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 11-9-11 REVISED:	

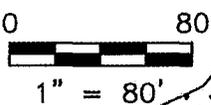


NOTE:
ELEVATIONS BASED ON MLW.

NOTE:
ENTIRE AREA IN NHESP
PRIORITY HABITAT

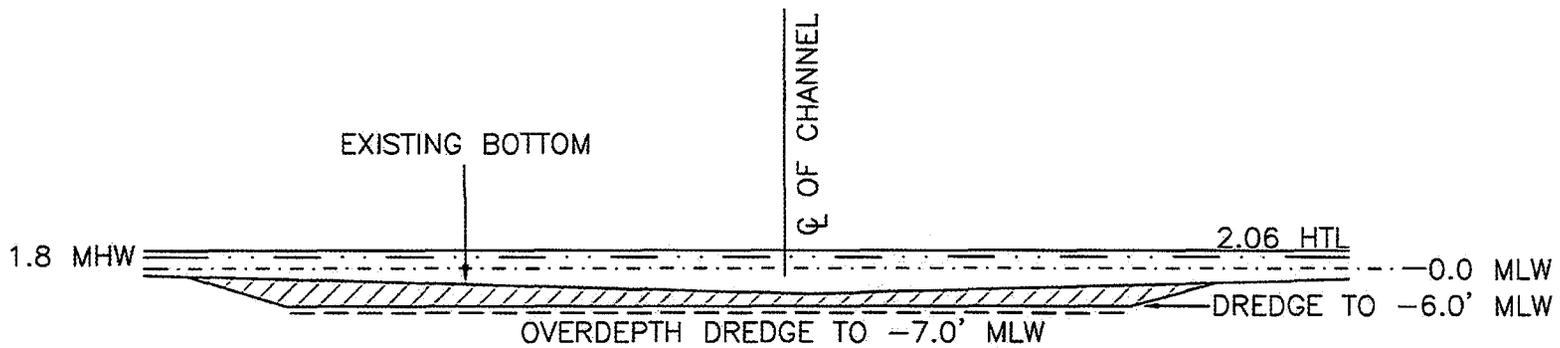
DREDGE VOLUME
2,000 CUBIC YARDS

■ SAMPLE LOCATION



 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Bourne's Pond Outer Channel (18) Maintenance Dredging	APPLICATION BY: TOWN OF FALMOUTH	SHEET 29 OF 30
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 11-9-11 REVISED:

Bourne's Pond Outer.dwg



(A) TYPICAL DREDGE SECTION
NOT TO SCALE

NOTE:
ELEVATIONS BASED ON MLW



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Bourne's Pond Outer
Channel (18)
Typical Section

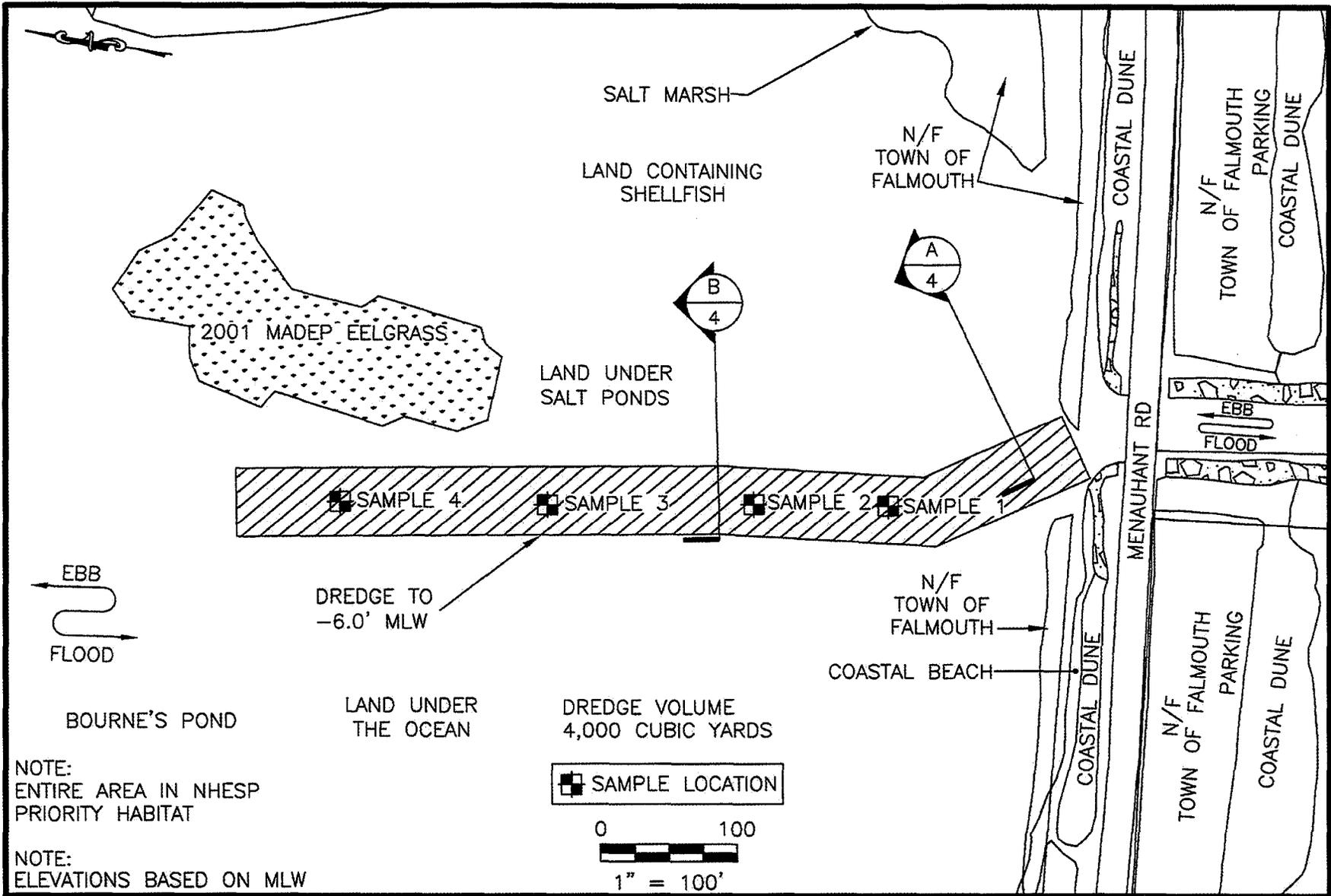
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 30 OF 38

DATE: 11-9-11

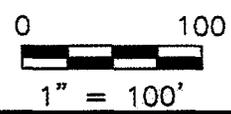
REVISED:



NOTE:
ENTIRE AREA IN NHESP
PRIORITY HABITAT

NOTE:
ELEVATIONS BASED ON MLW

☒ SAMPLE LOCATION

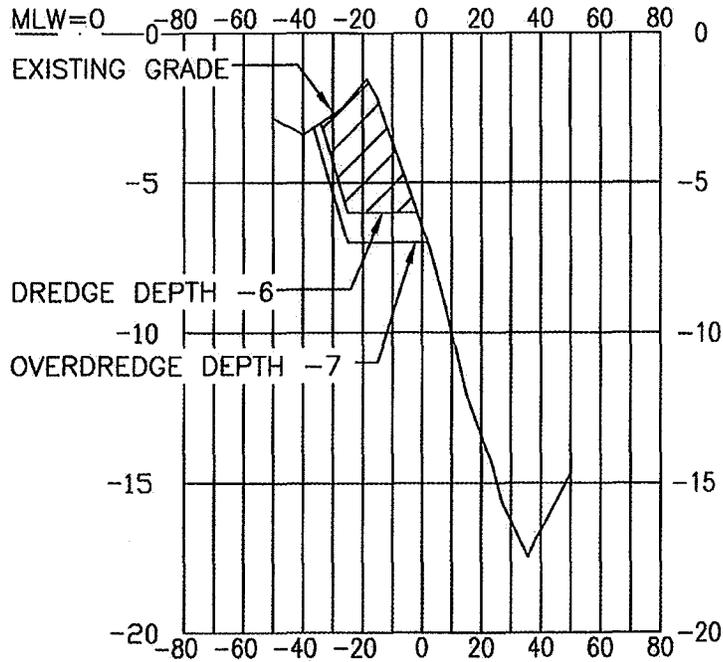


WOODS HOLE GROUP
 81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Bourne's Pond Inner Channel (19)
Maintenance Dredging

APPLICATION BY:
TOWN OF FALMOUTH
 TOWN: FALMOUTH
 COUNTY: BARNSTABLE
 STATE: MA

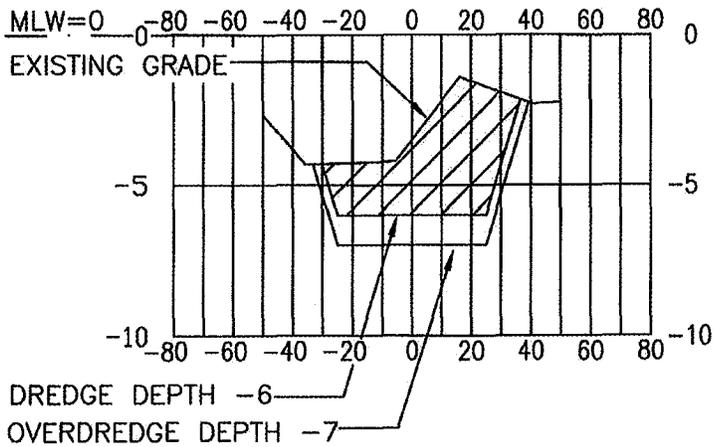
SHEET 31 OF 38
 DATE: 11-9-11
 REVISED:



A
4

TYPICAL DREDGE SECTION

HORIZONTAL SCALE: 1"=60'-0"
VERTICAL SCALE: 1"=6'-0"



B
4

TYPICAL DREDGE SECTION

HORIZONTAL SCALE: 1"=60'-0"
VERTICAL SCALE: 1"=6'-0"

NOTE:
ELEVATIONS BASED ON MLW



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

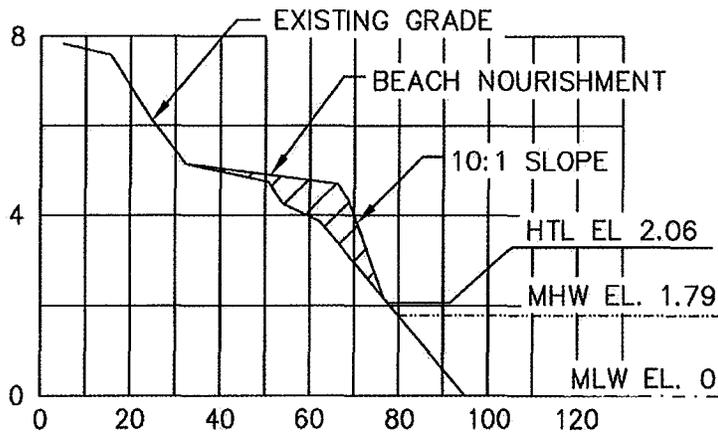
TITLE:
Bourne's Pond Inner
Channel (19)
Typical Sections

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 32 OF 38

DATE: 11-9-11

REVISED:



A
6 TYPICAL BEACH NOURISHMENT SECTION

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

NOTE:
ELEVATIONS BASED ON MLW



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Menauhant Beach (20)
Typical Section

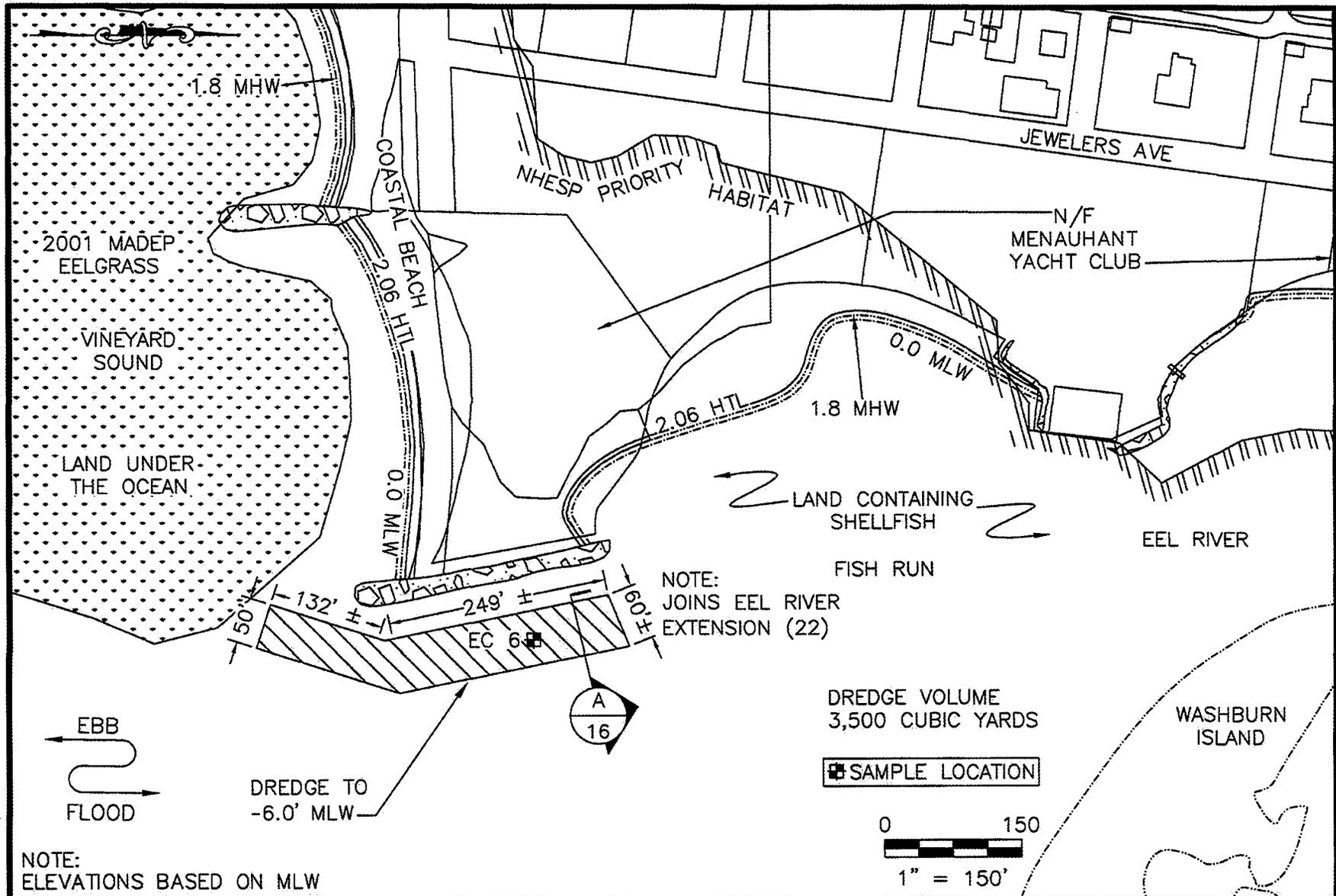
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 34 OF 38

DATE: 11-9-11

REVISED:



NOTE:
ELEVATIONS BASED ON MLW



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Eel River Entrance Channel (21)
Maintenance Dredging

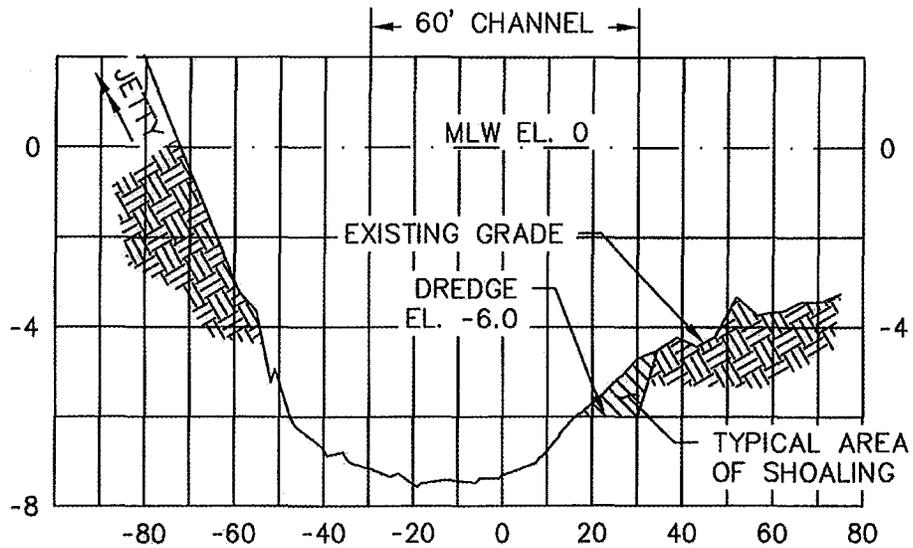
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 35 OF 38

DATE: 11-9-11

REVISED:



A
16

TYPICAL DREDGE SECTION

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02538
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Eel River Entrance
Channel (21)
Typical Section

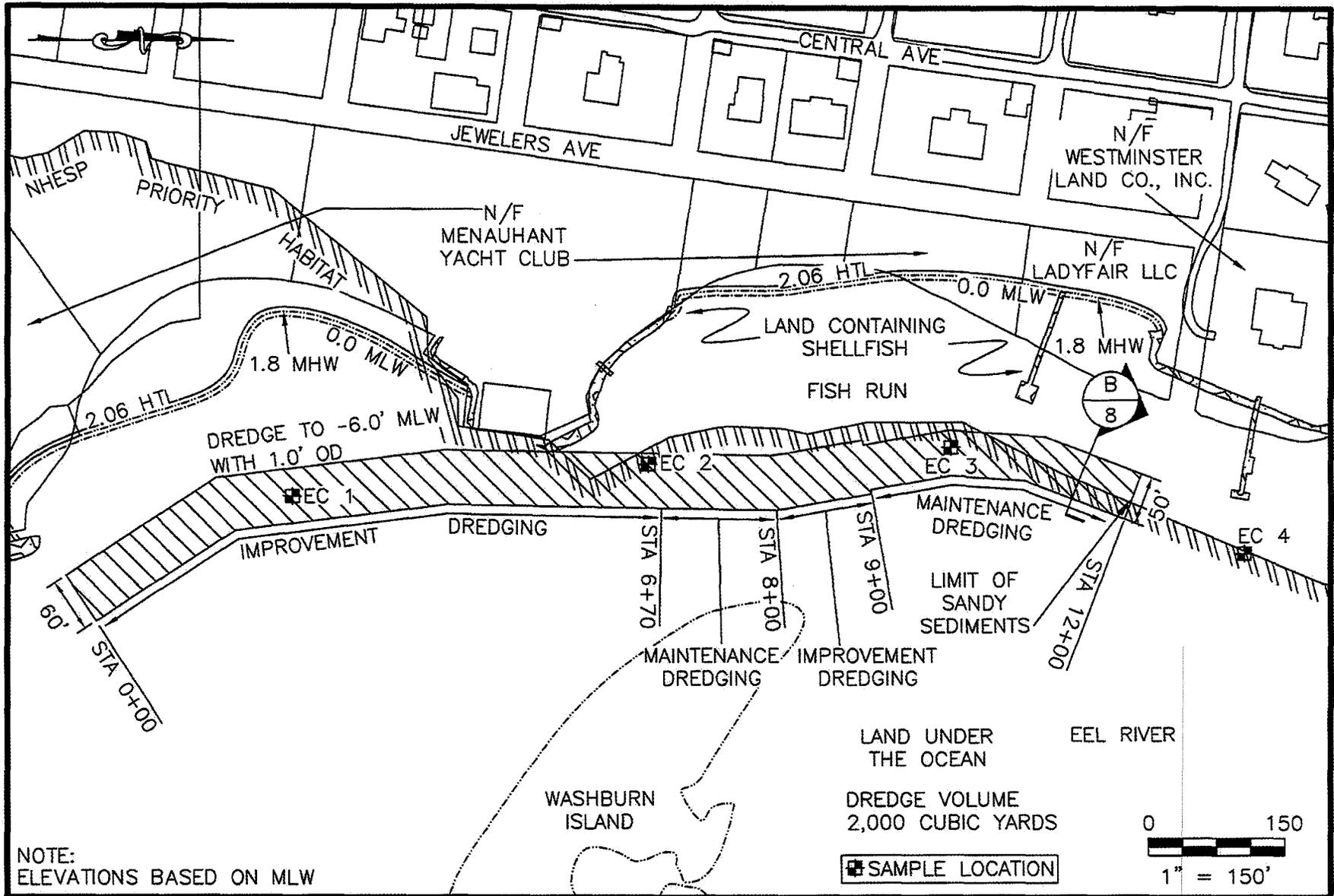
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 36 OF 38

DATE: 11-9-11

REVISED:



NOTE:
ELEVATIONS BASED ON MLW

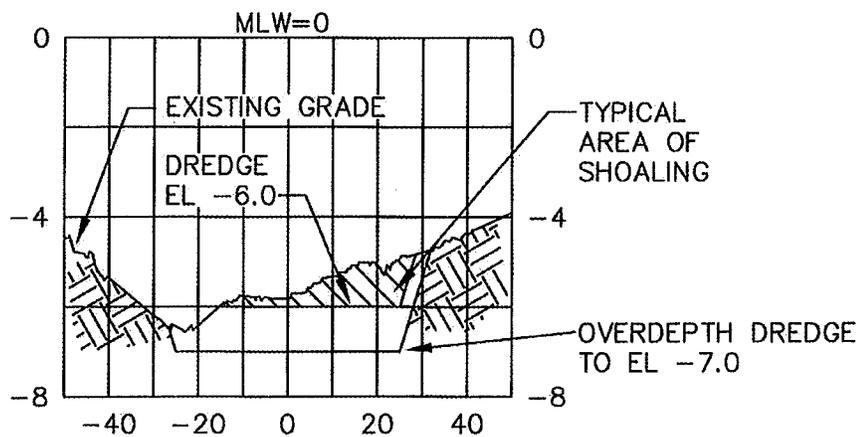


81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Eel River Extension (22)
Maintenance and Improvement
Dredging

APPLICATION BY:
TOWN OF FALMOUTH
TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 37 OF 38
DATE: 11-9-11
REVISED:



(B
8)

TYPICAL DREDGE SECTION

HORIZONTAL SCALE: 1" = 30'

VERTICAL SCALE: 1" = 3'



81 TECHNOLOGY PARK DRIVE EAST FALMOUTH, MA 02536
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Eel River Extension (22)
Typical Section

APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 38 OF 38

DATE: 11-9-11

REVISED: