

**Wild Harbor -
Outer Channel & Inner Harbor
New Silver Beach**

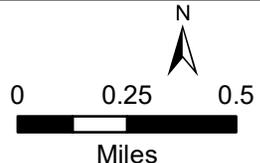
Megansett Beach

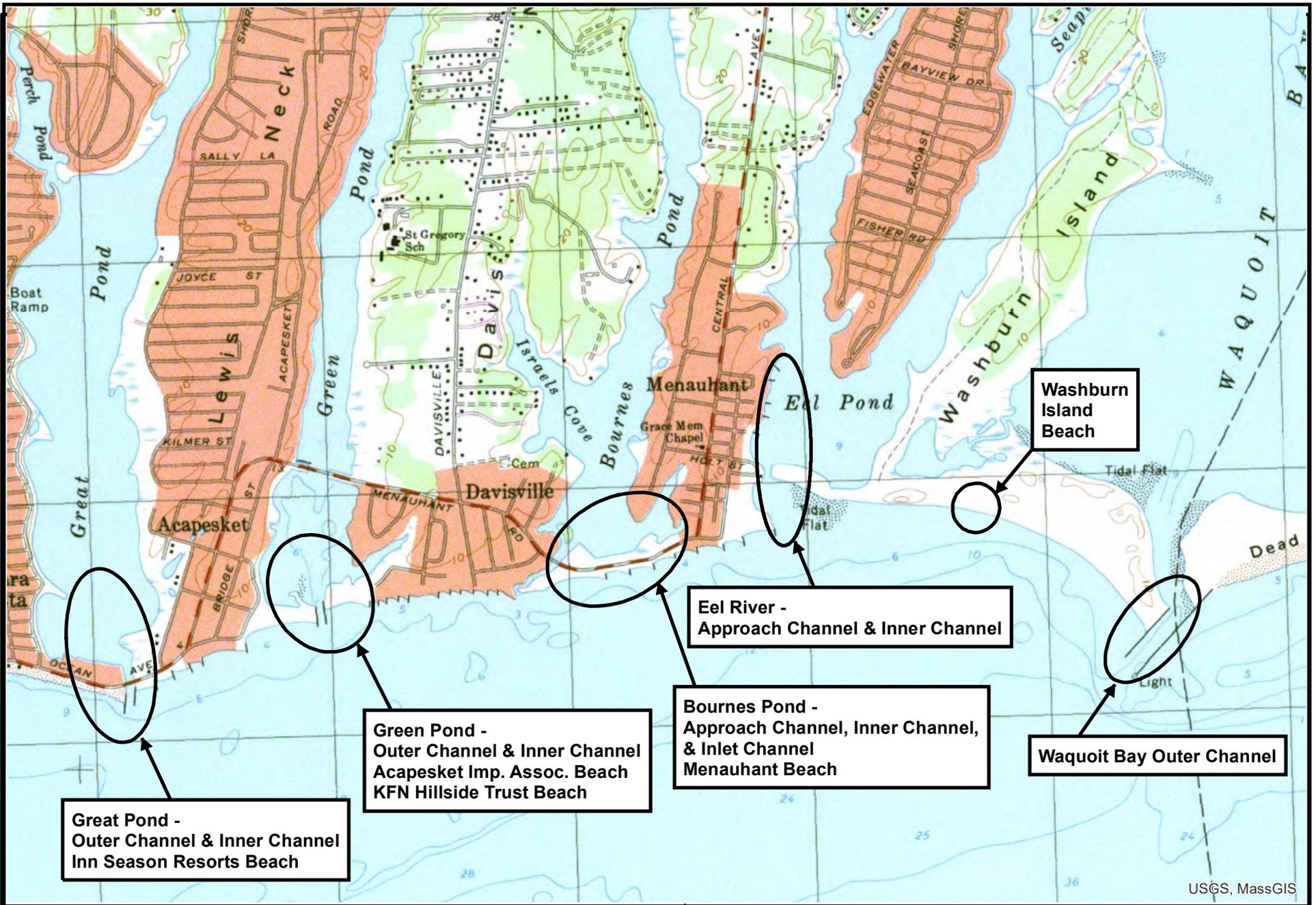


107 Waterhouse Rd. Bourne, MA 02532
Telephone: (508) 540-8080

Town of Falmouth
Comprehensive Permit for
Dredging & Beach
Nourishment
USGS #1 - Buzzards Bay

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA





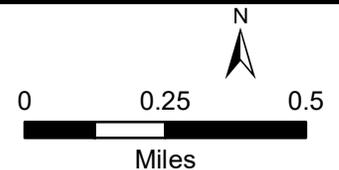
USGS, MassGIS



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Telephone: (508) 540-8080

Town of Falmouth
Comprehensive Permit for
Dredging & Beach
Nourishment
USGS #3 - Vineyard Sound East

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA





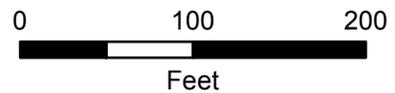
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Project Type

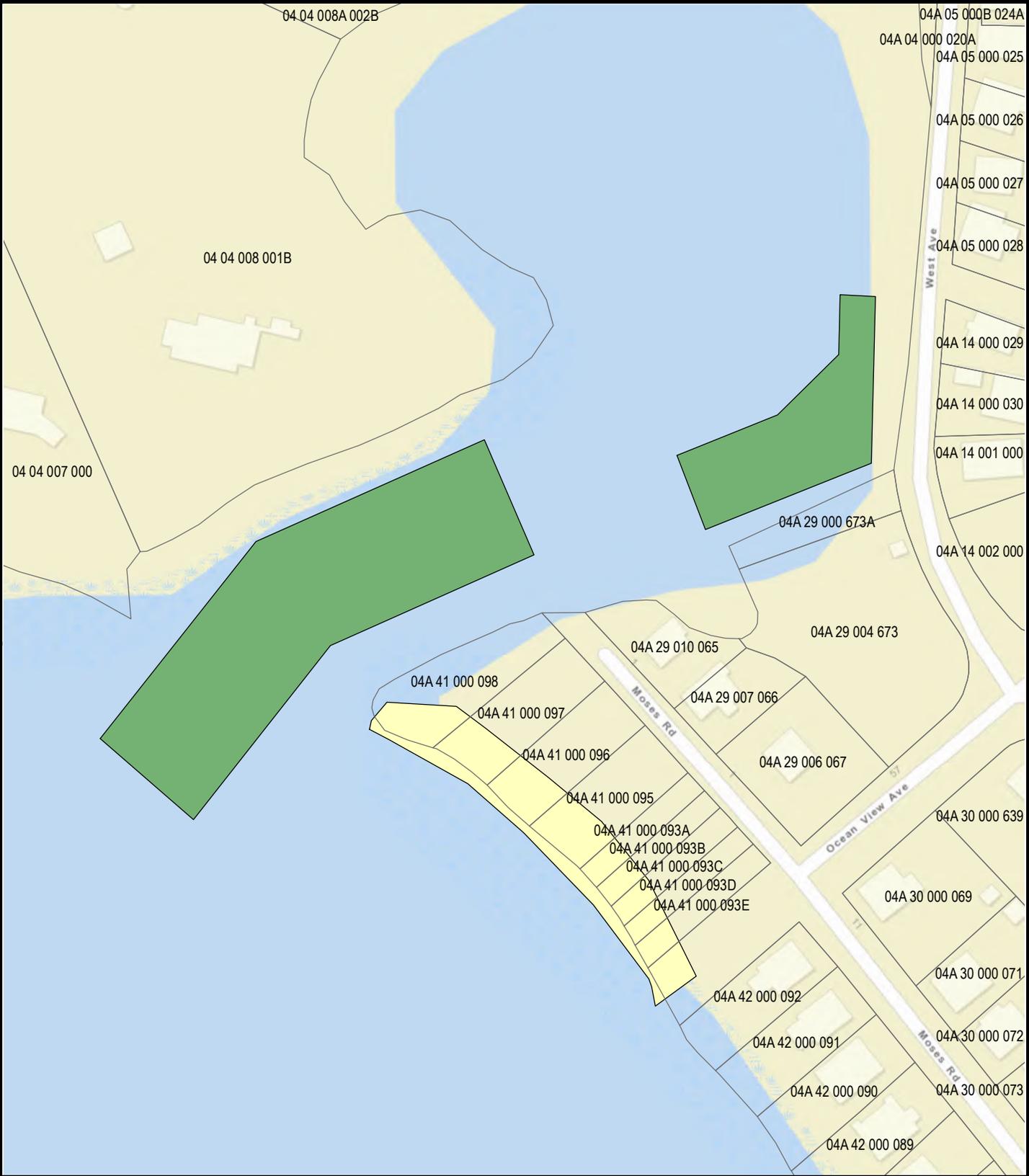
- Dredge Area
- Dewatering Area
- Beach Nourishment



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Telephone: (508) 540-8080



Town of Falmouth
Megansett Beach
Oct. 19, 2021



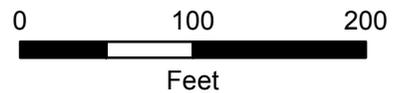
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Project Type

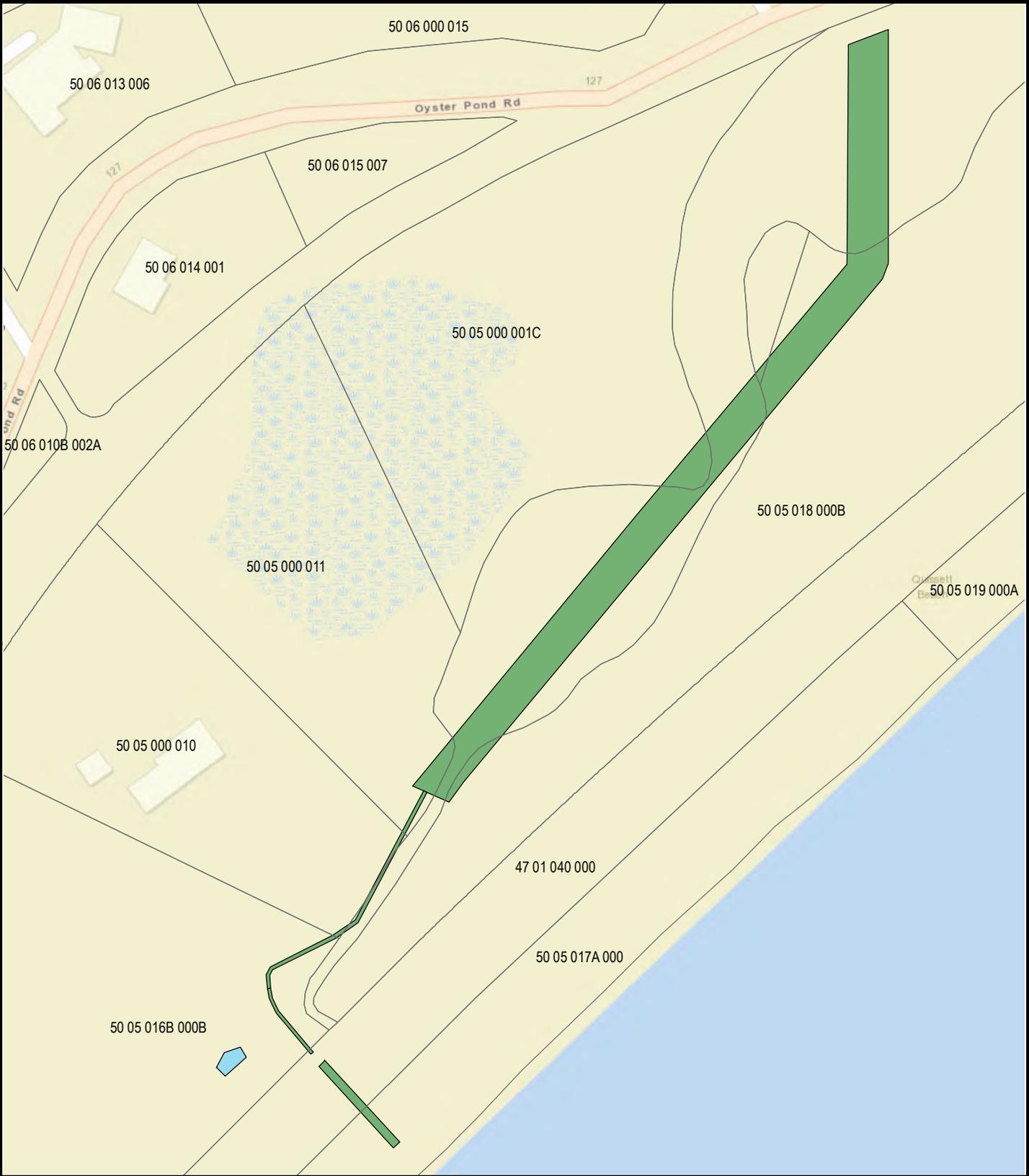
- Dredge Area
- Dewatering Area
- Beach Nourishment



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Telephone: (508) 540-8080



**Town of Falmouth - Wild Harbor
Outer Channel & Inner Harbor
New Silver Beach
Oct. 19, 2021**



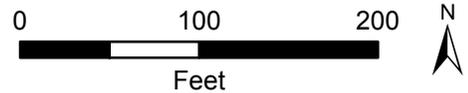
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Project Type

- Dredge Area
- Dewatering Area
- Beach Nourishment



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Telephone: (508) 540-8080



**Town of Falmouth - Trunk River
Outer Channel & Inner Channel
Oct. 19, 2021**



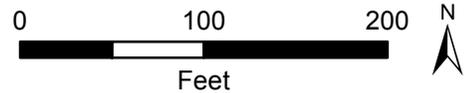
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Project Type

- Dredge Area
- Dewatering Area
- Beach Nourishment



107 Waterhouse Rd. Bourne, MA 02532
Telephone: (508) 540-8080



Town of Falmouth
Salt Pond Channel
Oct. 19, 2021



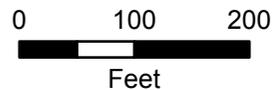
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Project Type

- Dredge Area
- Dewatering Area
- Beach Nourishment



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 Telephone: (508) 540-8080



**Town of Falmouth - Fresh River
 Outer Channel & Inner Channel
 Surf Drive Beach
 Oct. 19, 2021**



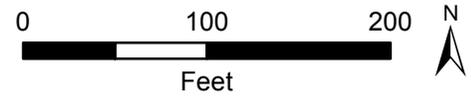
Legend

Project Type

- Dredge Area
- Dewatering Area
- Beach Nourishment



107 Waterhouse Rd. Bourne, MA 02532
 Telephone: (508) 540-8080



Town of Falmouth
Falmouth Harbor Entrance Channel
Clinton Ave. Beach
Oct. 19, 2021



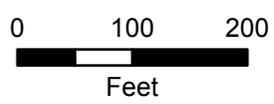
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Project Type

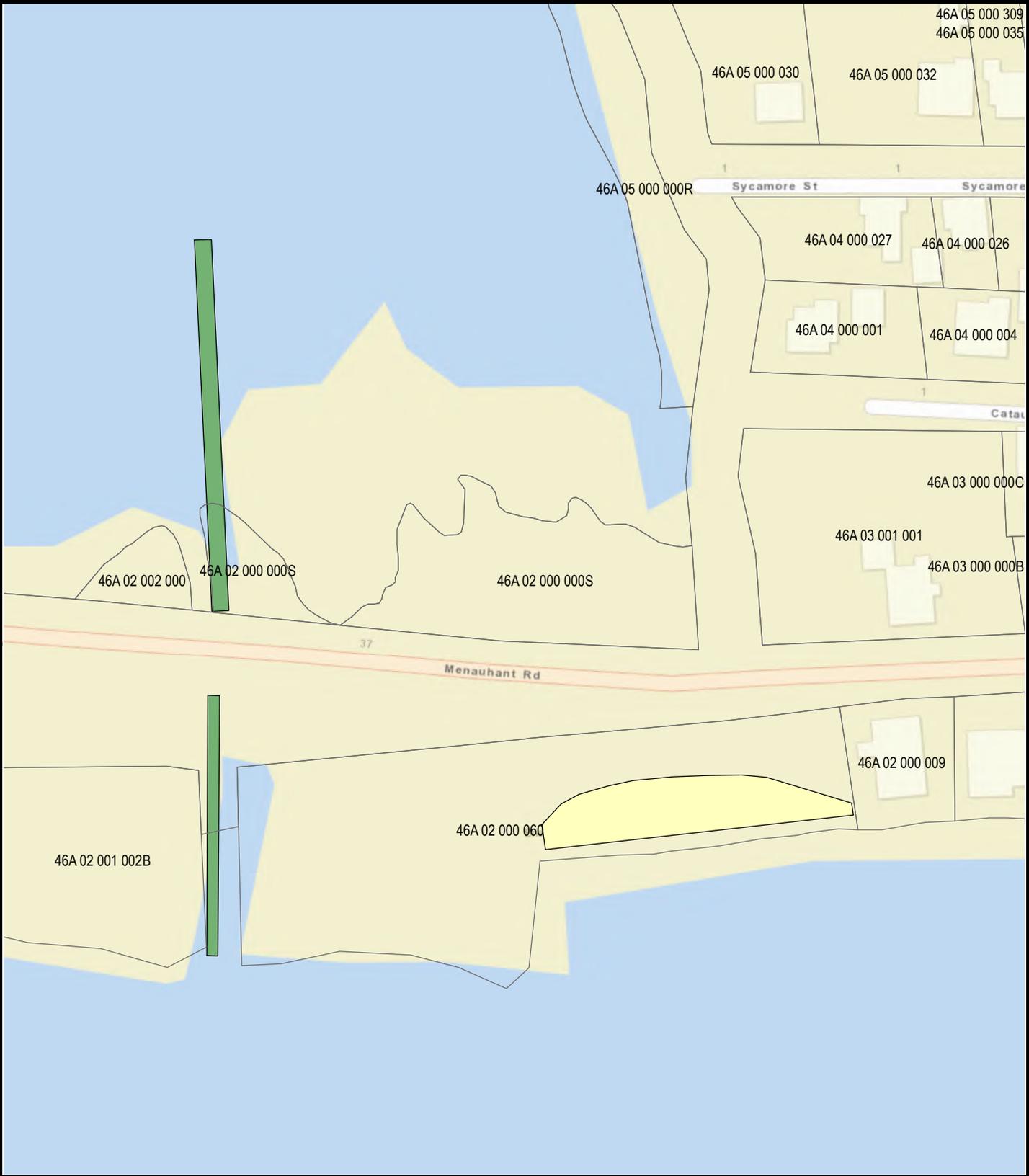
- Dredge Area
- Dewatering Area
- Beach Nourishment



107 Waterhouse Rd. Bourne, MA 02532
 Telephone: (508) 540-8080



Town of Falmouth
Falmouth Heights Beach
Oct. 19, 2021



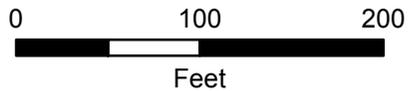
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Project Type

- Dredge Area
- Dewatering Area
- Beach Nourishment



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 Telephone: (508) 540-8080



**Town of Falmouth - Little Pond
 Outer Channel & Inner Channel
 Bristol Beach
 Oct. 19, 2021**



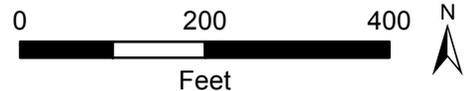
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Project Type

- Dredge Area
- Dewatering Area
- Beach Nourishment



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Telephone: (508) 540-8080



**Town of Falmouth - Great Pond
Outer Channel & Inner Channel
Inn Season Resorts Beach
Oct. 19, 2021**



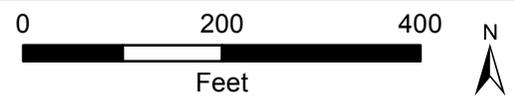
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Project Type

- Dredge Area
- Dewatering Area
- Beach Nourishment



107 Waterhouse Rd. Bourne, MA 02532
 Telephone: (508) 540-8080



**Town of Falmouth - Green Pond
 Outer Channel & Inner Channel
 Acapesket Improvement Assoc. Beach
 KFN Hillside Trust Beach
 Oct. 19, 2021**



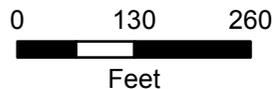
Legend

Project Type

- Dredge Area
- Dewatering Area
- Beach Nourishment



107 Waterhouse Rd. Bourne, MA 02532
Telephone: (508) 540-8080



**Town of Falmouth - Bourne's Pond
Approach, Inlet, and Inner Channels
Menuahant Beach
Oct. 19, 2021**



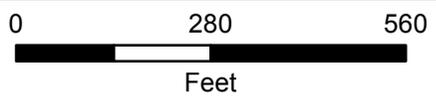
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Project Type

- Dredge Area
- Dewatering Area
- Beach Nourishment



107 Waterhouse Rd. Bourne, MA 02532
 Telephone: (508) 540-8080



**Town of Falmouth - Eel River
 Approach Channel & Inner Channel
 Oct. 19, 2021**



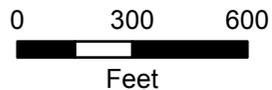
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Project Type

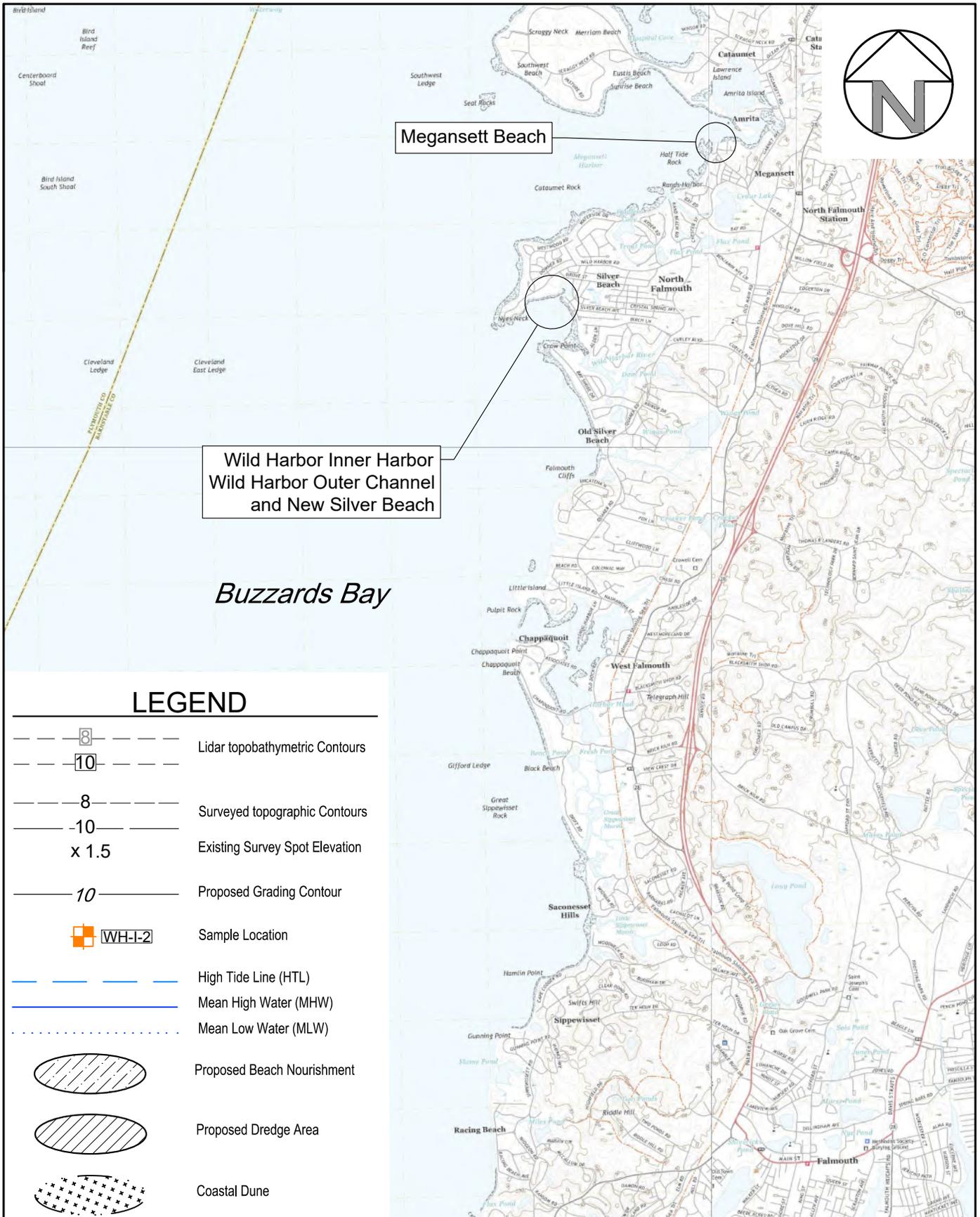
-  Dredge Area
-  Dewatering Area
-  Beach Nourishment



107 Waterhouse Rd. Bourne, MA 02532
Telephone: (508) 540-8080



Town of Falmouth
Waquoit Bay Outer Channel
Washburn Island Beach
Oct. 19, 2021

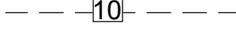
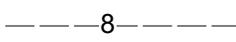
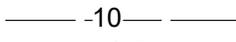
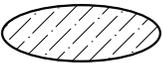


Megansett Beach

Wild Harbor Inner Harbor
Wild Harbor Outer Channel
and New Silver Beach

Buzzards Bay

LEGEND

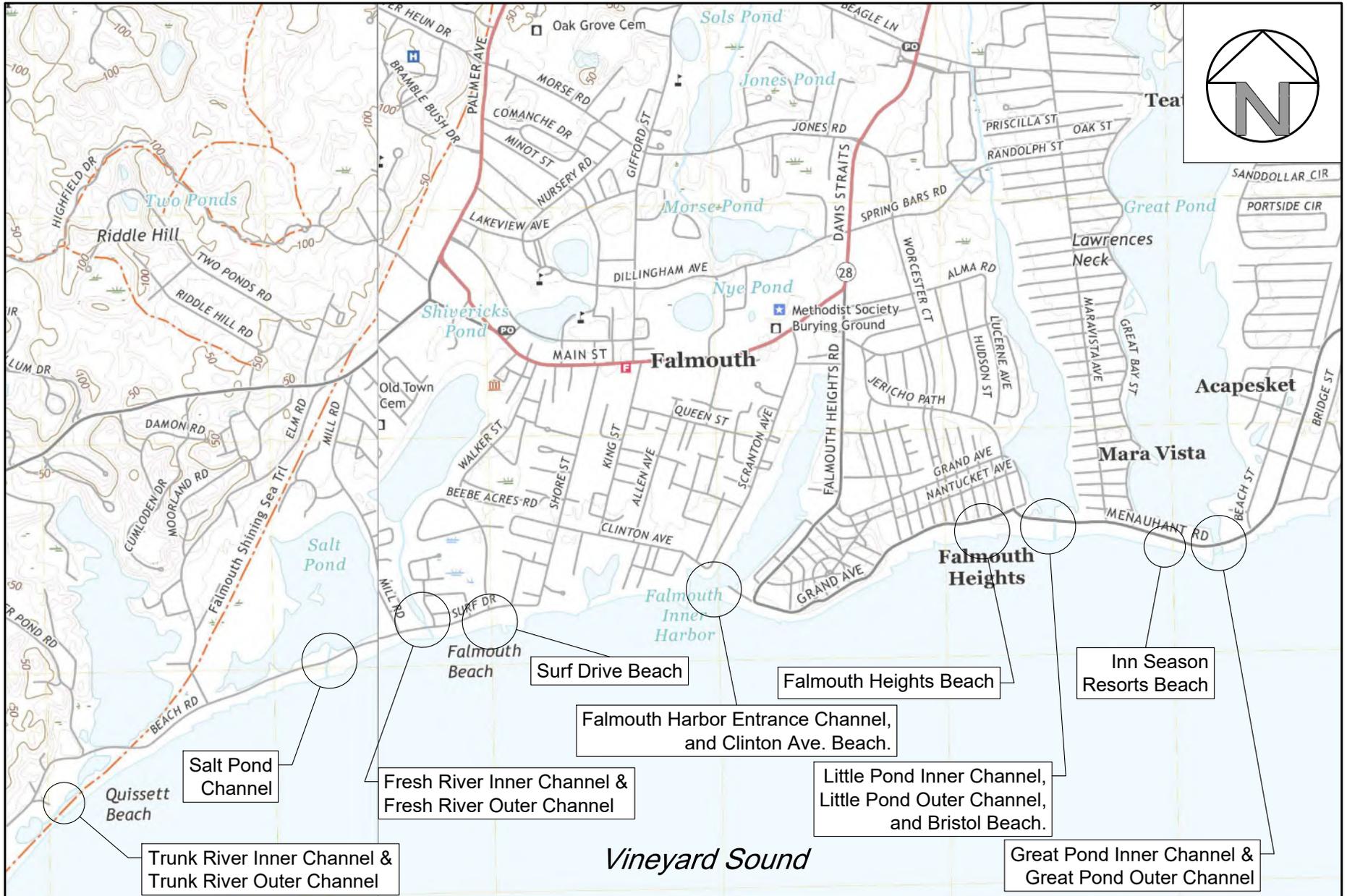
-  Lidar topobathymetric Contours
-  Surveied topographic Contours
-  Existing Survey Spot Elevation
-  Proposed Grading Contour
-  Sample Location
-  High Tide Line (HTL)
-  Mean High Water (MHW)
-  Mean Low Water (MLW)
-  Proposed Beach Nourishment
-  Proposed Dredge Area
-  Coastal Dune

WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

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

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

SHEET 1 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

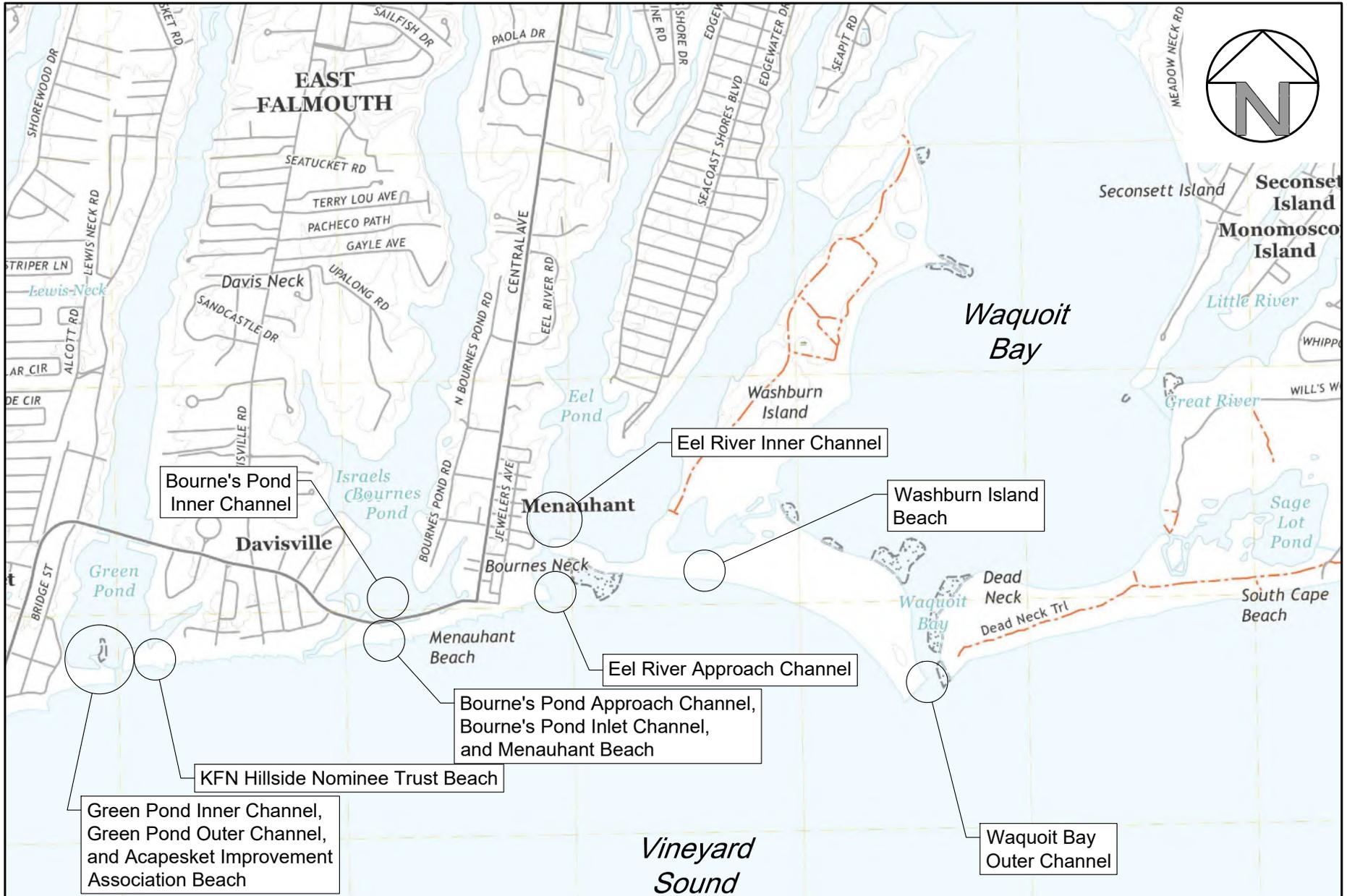


WOODS HOLE GROUP
 A CLS COMPANY
 107 WATERHOUSE ROAD, BOURNE, MA 02532
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
 Town of Falmouth Comprehensive Permit
 for Dredging & Beach Nourishment
 Locus Maps
 Vineyard Sound West

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

SHEET 2 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

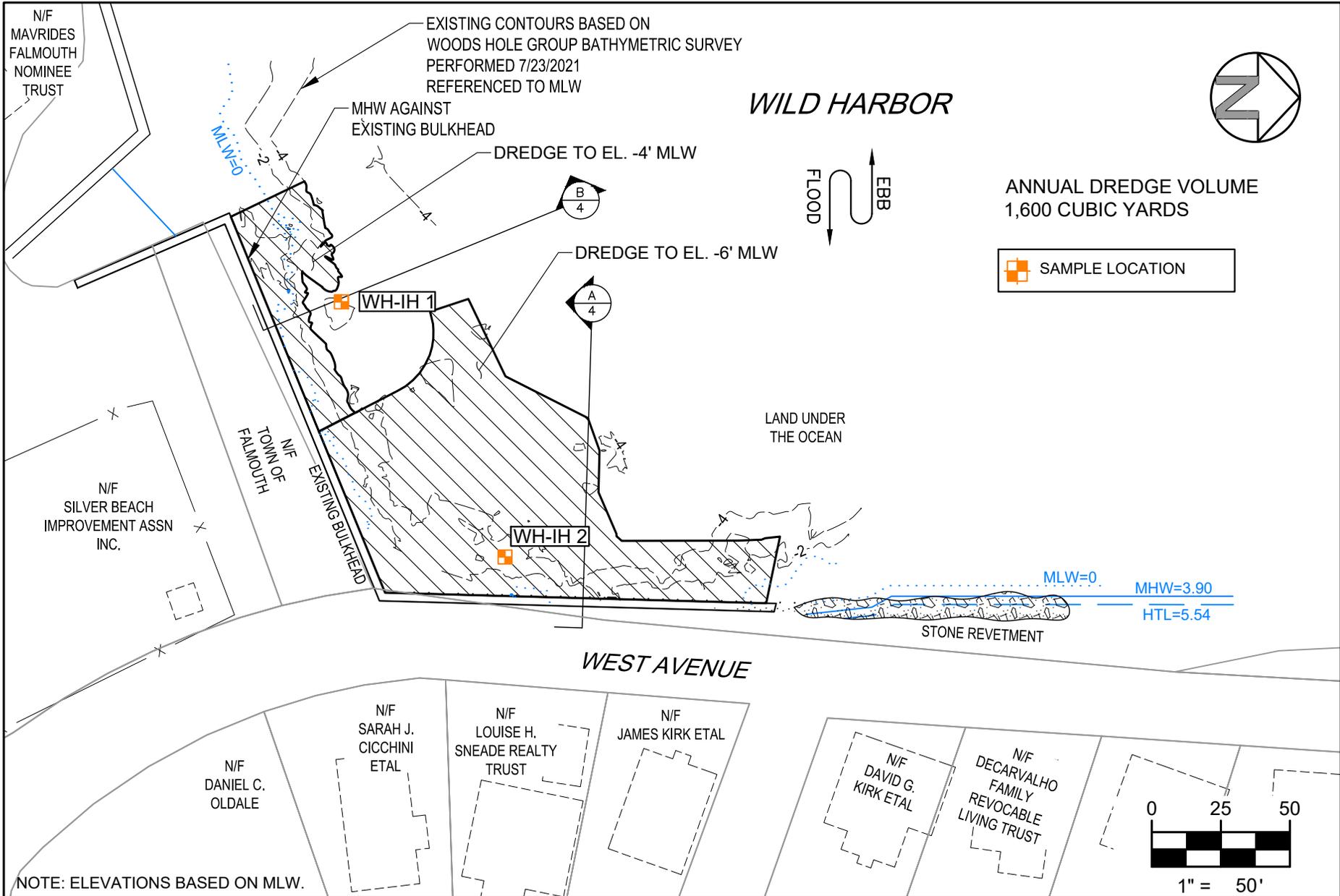


WOODS HOLE GROUP
 A CLS COMPANY
 107 WATERHOUSE ROAD, BOURNE, MA 02532
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

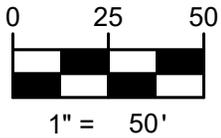
TITLE:
 Town of Falmouth Comprehensive Permit
 for Dredging & Beach Nourishment
 Locus Maps
 Vineyard Sound East

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

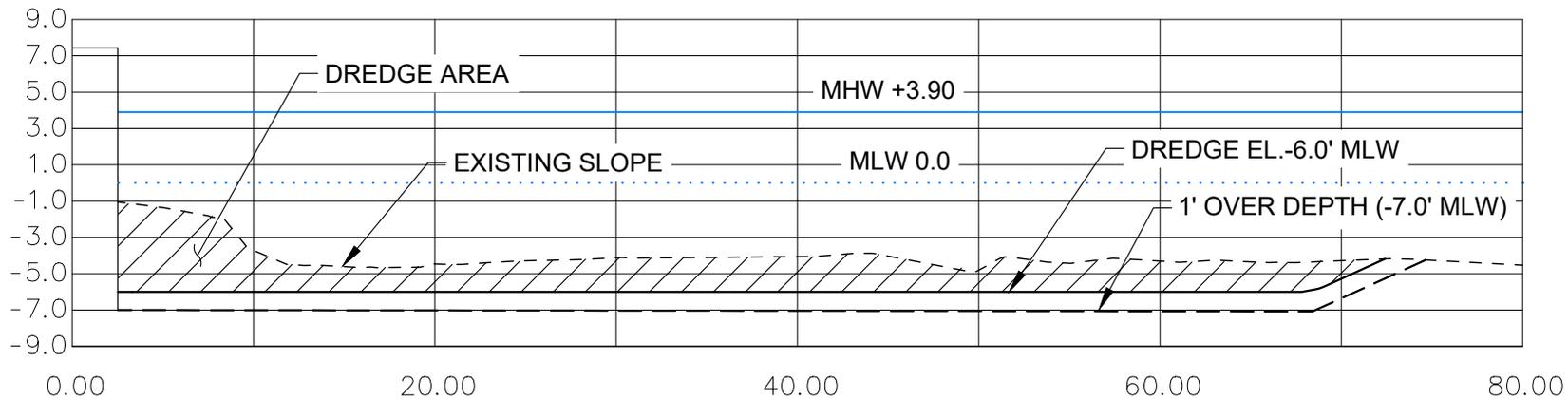
SHEET 3 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022



NOTE: ELEVATIONS BASED ON MLW.



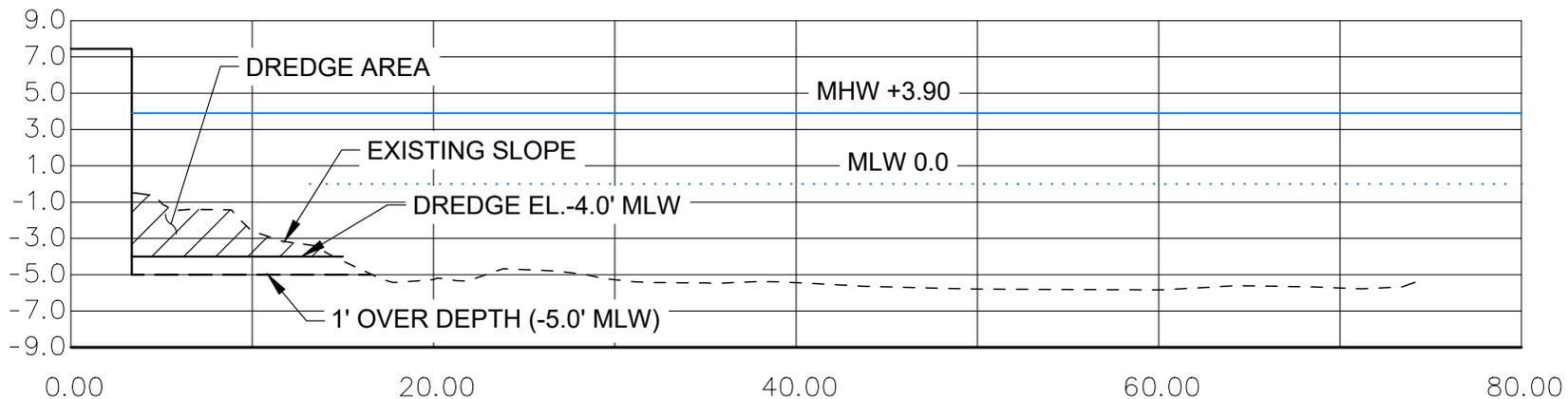
 <p>WOODS HOLE GROUP A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001</p>	<p>TITLE: Wild Harbor - Inner Harbor Dredging</p>	<p>APPLICATION BY: TOWN OF FALMOUTH</p>	<p>SHEET 4 OF 45</p>
		<p>TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA</p>	<p>DATE: 01/10/2022 REVISED: 02/28/2022</p>



A
4

DREDGE PROFILE

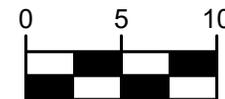
SCALE: 1" = 10'



B
4

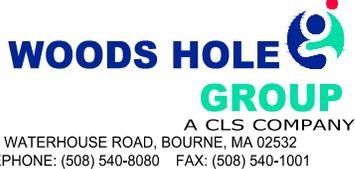
DREDGE PROFILE

SCALE: 1" = 10'



1" = 10'

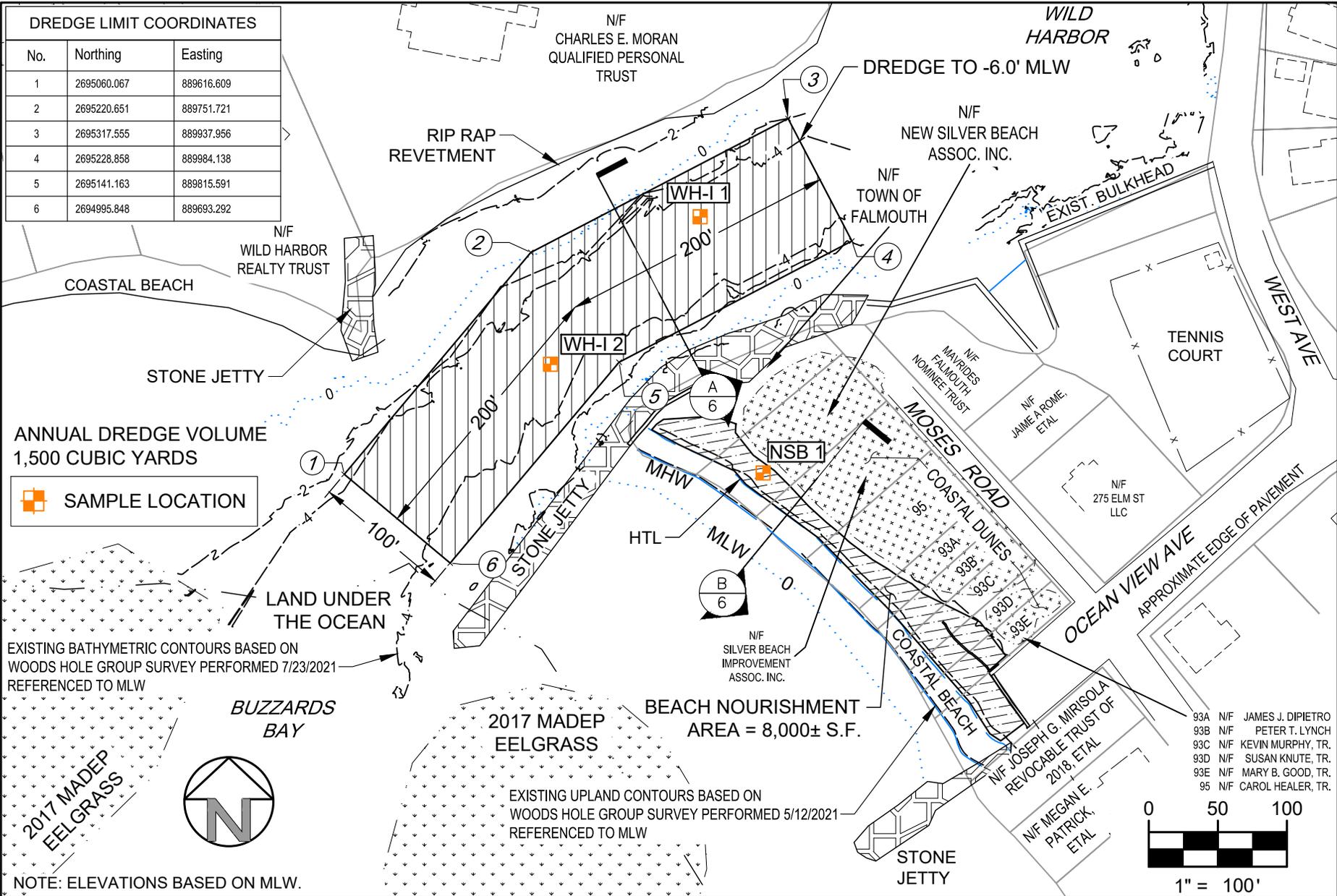
NOTE: ELEVATIONS BASED ON MLW.



TITLE:
Wild Harbor - Inner Harbor
Typical Sections

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

SHEET 5 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022



DREDGE LIMIT COORDINATES		
No.	Northing	Easting
1	2695060.067	889616.609
2	2695220.651	889751.721
3	2695317.555	889937.956
4	2695228.858	889984.138
5	2695141.163	889815.591
6	2694995.848	889693.292

ANNUAL DREDGE VOLUME
1,500 CUBIC YARDS

SAMPLE LOCATION

EXISTING BATHYMETRIC CONTOURS BASED ON
WOODS HOLE GROUP SURVEY PERFORMED 7/23/2021
REFERENCED TO MLW

2017 MADEP
EELGRASS

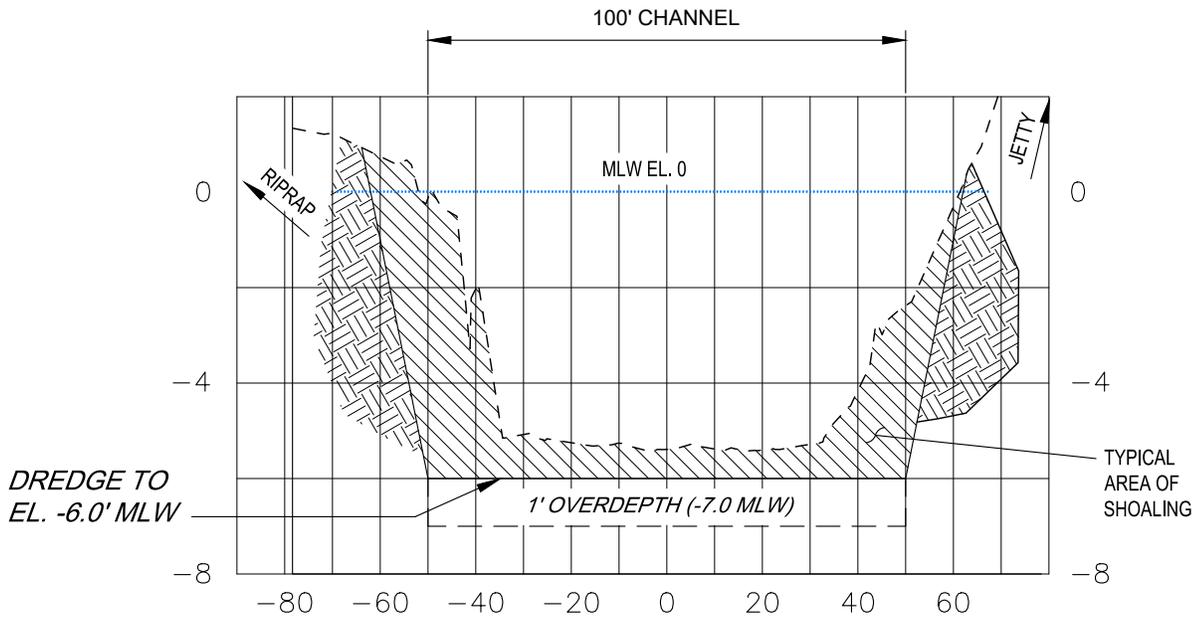
NOTE: ELEVATIONS BASED ON MLW.

TITLE:
Wild Harbor - Outer Channel
Dredging & New Silver Beach Nourishment

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

SHEET 6 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

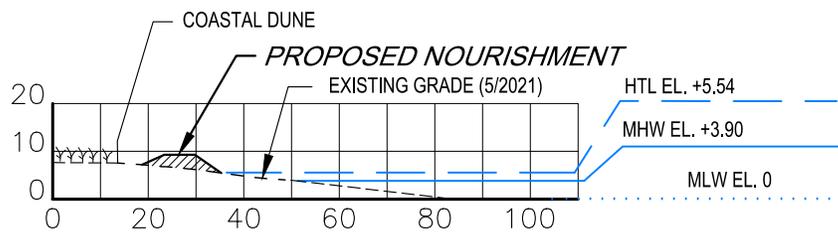
- 93A N/F JAMES J. DIPIETRO
- 93B N/F PETER T. LYNCH
- 93C N/F KEVIN MURPHY, TR.
- 93D N/F SUSAN KNUTE, TR.
- 93E N/F MARY B. GOOD, TR.
- 95 N/F CAROL HEALER, TR.



(A)
6

TYPICAL DREDGE SECTION

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

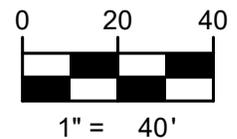


(B)
6

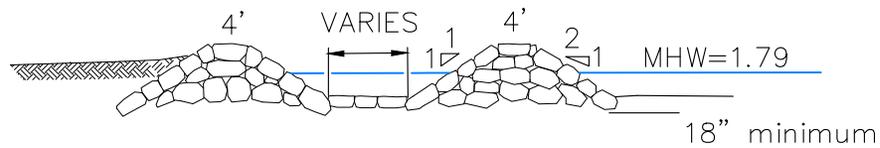
TYPICAL BEACH NOURISHMENT SECTION

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

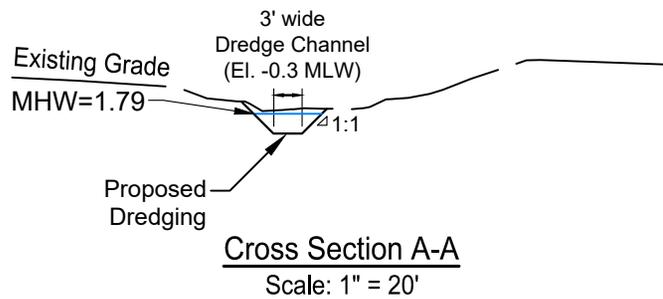
NOTE:
ELEVATIONS BASED ON MLW.



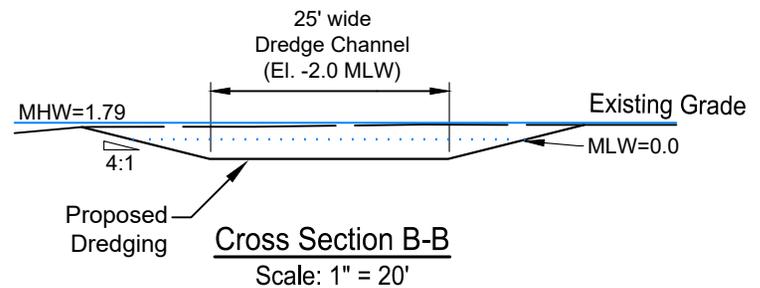
 A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Wild Harbor Outer Channel & New Silver Beach Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 7 OF 45
	TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022	



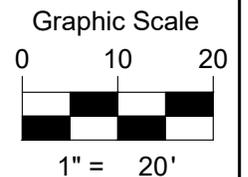
SECTION AT JETTIES
SCALE NONE



Cross Section A-A
Scale: 1" = 20'



Cross Section B-B
Scale: 1" = 20'



NOTE: ELEVATIONS BASED ON MLW.



107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Trunk River Inner Channel
& Outer Channel
Typical Sections

APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: Barnstable
STATE: MA

SHEET 9 OF 45

DATE: 01/10/2022

REVISED: 02/28/2022



SALT POND

LAND UNDER SALT POND

LIMIT OF DREDGING

FISH RUN

PARKING

N/F TOWN OF FALMOUTH CONSERVATION COMMISSION

COASTAL DUNE

SP-I-2

300'±

TEMPORARILY STOCKPILE DREDGED MATERIAL TO DEWATER

CONC. HEADWALL

N/F TOWN OF FALMOUTH CONSERVATION COMMISSION

SURF DRIVE

SP-I-1

N/F GORDON R. WHITMAN, JR & SYLVIA DICKET WHITMAN

HTL=2.06
MHW=1.79
MLW=0

NHESP PRIORITY HABITAT OF RARE SPECIES

N/F FALMOUTH BOARDSAILING CLUB, INC

COASTAL BEACH

N/F TOWN OF FALMOUTH

PIER

N/F JOHN T. MULLEN & JANE L. MULLEN

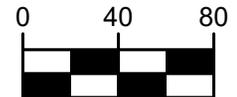
N/F TOWN OF FALMOUTH

VINEYARD SOUND

2019 MADEP EELGRASS

LIMIT OF DREDGING

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



1" = 80'

SAMPLE LOCATION

NOTE: ELEVATIONS BASED ON MLW.

TITLE:
Salt Pond
Channel Dredging

APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

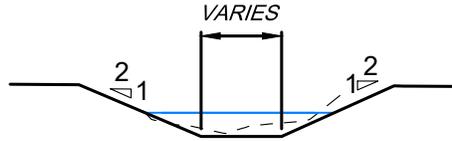
SHEET 10 OF 45

DATE: 01/10/2022

REVISED: 02/28/2022



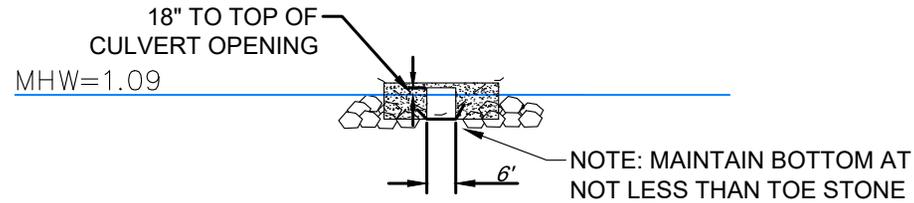
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001



NOTE: MAINTAIN BOTTOM AT NOT LESS THAN INVERT OF CULVERT

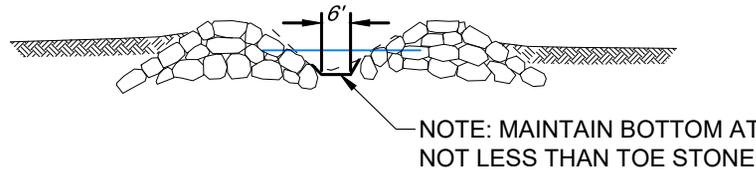
SECTION AT CHANNEL

SCALE: NONE



SECTION AT HEADWALL

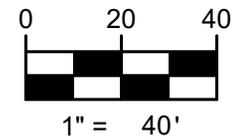
SCALE: NONE



SECTION AT JETTIES

SCALE: NONE

NOTE:
ELEVATIONS BASED ON MLW.



WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Salt Pond Channel
Typical Sections

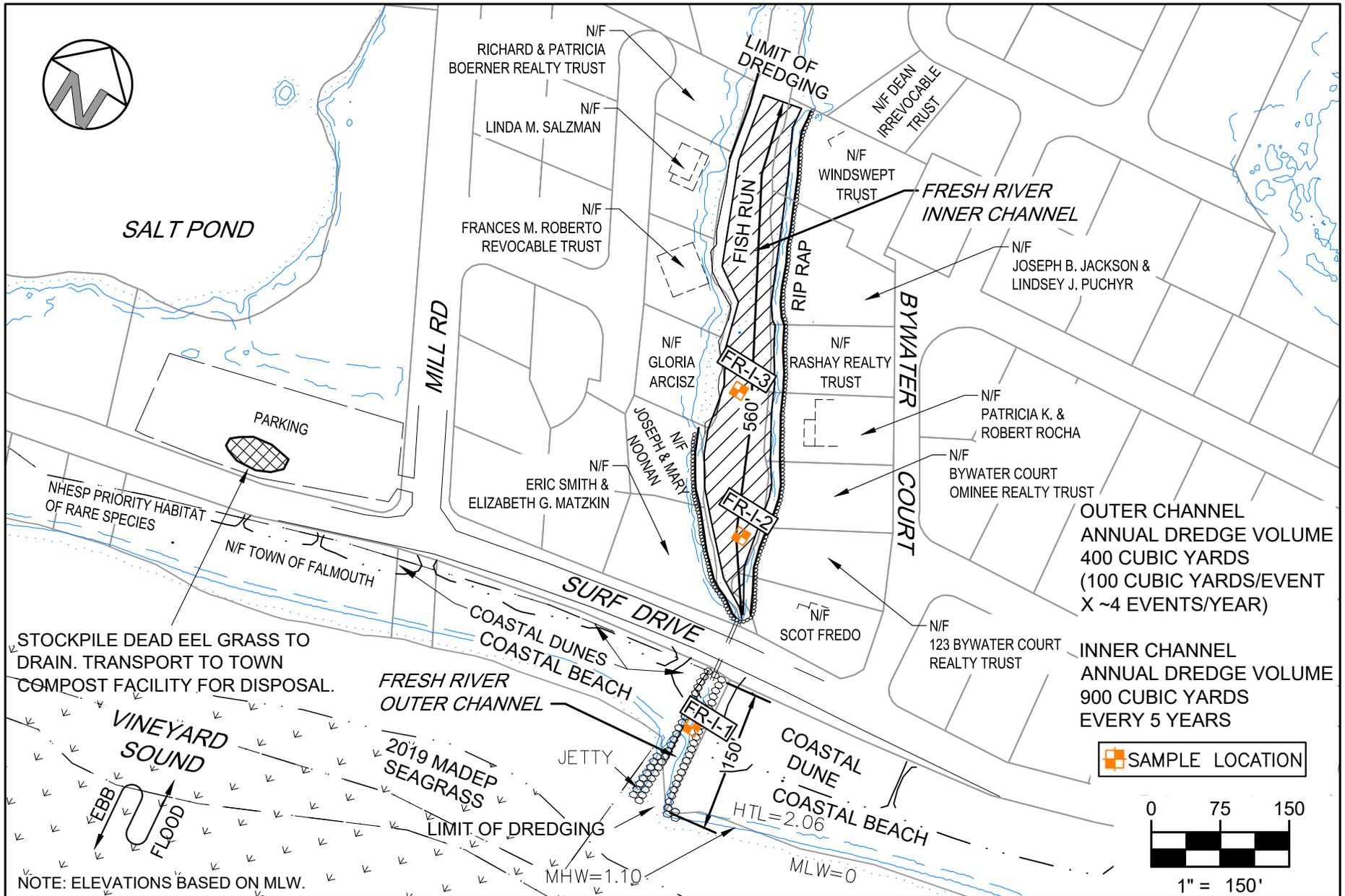
APPLICATION BY:
TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 11 OF 45

DATE: 01/10/2022

REVISED: 02/28/2022



WOODS HOLE GROUP
 A CLS COMPANY
 107 WATERHOUSE ROAD, BOURNE, MA 02532
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
 Fresh River Inner Channel
 & Outer Channel
 Dredging

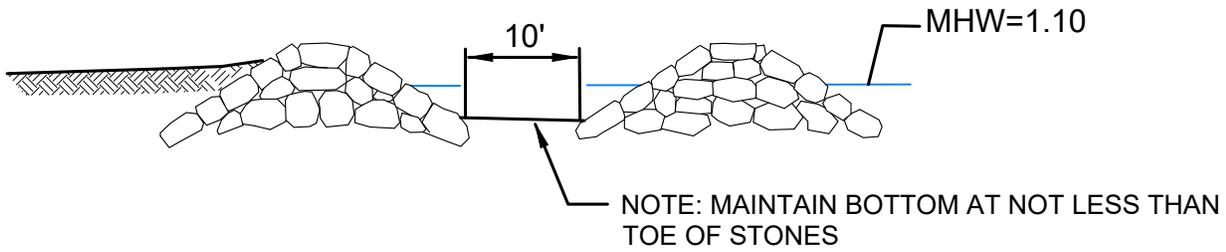
APPLICATION BY:
 TOWN OF FALMOUTH

TOWN: FALMOUTH
COUNTY: BARNSTABLE
STATE: MA

SHEET 12 OF 45

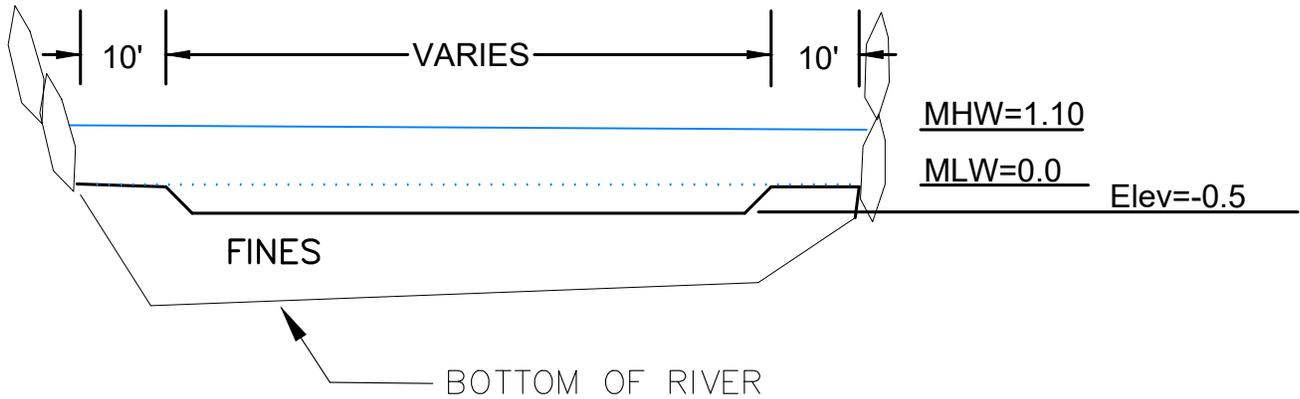
DATE: 01/10/2022

REVISED: 02/28/2022



**OUTER CHANNEL
TYPICAL SECTION**

NOT TO SCALE

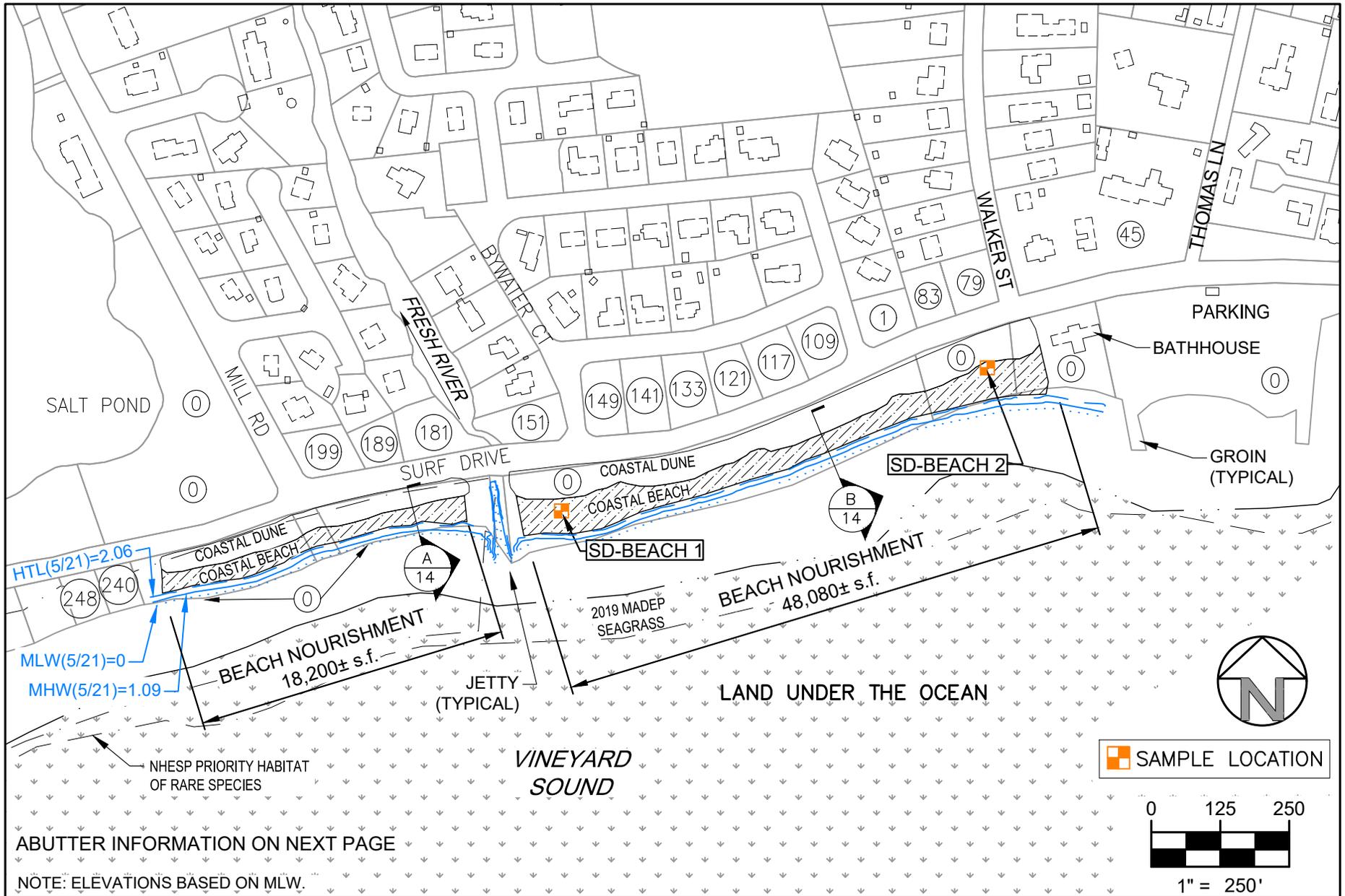


**INNER CHANNEL
TYPICAL SECTION**

NOT TO SCALE

NOTE:
ELEVATIONS BASED ON MLW.

 A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Fresh River Inner Channel & Outer Channel Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 13 OF 45
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022



ABUTTER INFORMATION ON NEXT PAGE

NOTE: ELEVATIONS BASED ON MLW.

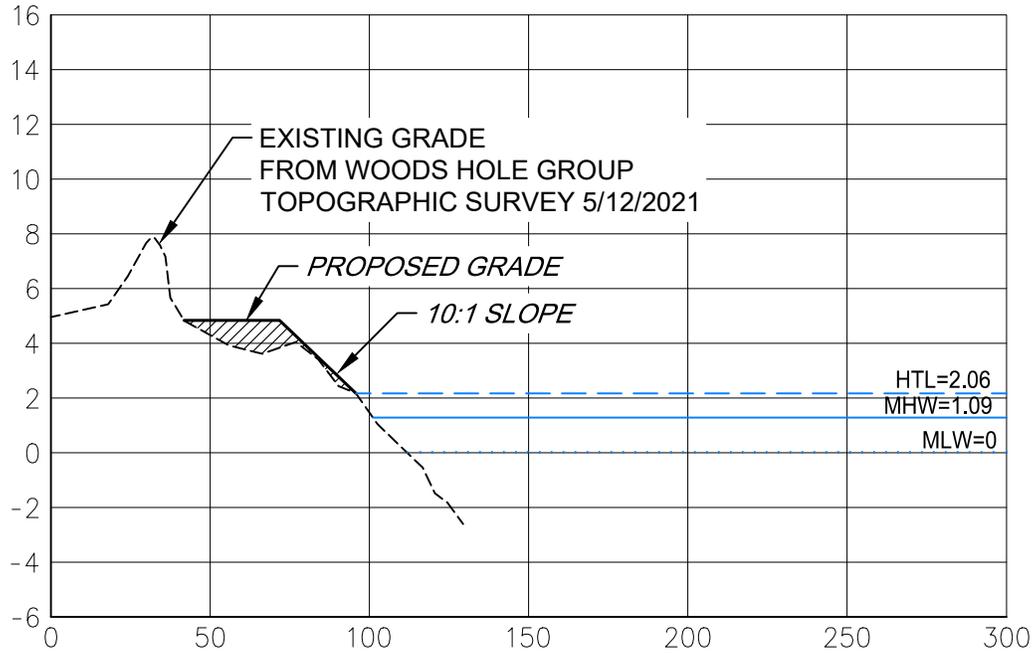
 <p>WOODS HOLE GROUP A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001</p>	<p>TITLE: Surf Drive Beach Nourishment</p>	<p>APPLICATION BY: TOWN OF FALMOUTH</p>	<p>SHEET 14 OF 45</p>
		<p>TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA</p>	<p>DATE: 01/10/2022 REVISED: 02/28/2022</p>

Address

Owner

0 SURF DR	N/F TOWN OF FALMOUTH
199 SURF DR	N/F HERBERT F. FOSTER, JR
189 SURF DR	N/F PHILIP CHISCHPORTICH TRUST AGREEMENT OF 2013, ETAL
181 SURF DR	N/F ERIC SMITH, ETAL
151 SURF DR	N/F SCOT FREDO
149 SURF DR	N/F THE STEVEN J. MOLINSKY REVOCABLE TRUST, ETAL
141 SURF DR	N/F JULIANNE M. WALSH, ETAL
133 SURF DR	N/F JOSEPH R. MOURA, ETAL
121 SURF DR	N/F BLAIR ANTHONY, ETAL
117 SURF DR	N/F FAGGIO LP
109 SURF DR	N/F HENRY HERRMANN, ETAL
1 BYWATER CT	N/F 1 BYWATER COURT REALTY TRUST
83 SURF DR	N/F THOMAS M. LARRACEY, ETAL
79 SURF DR	N/F W A L J REALTY TRUST
45 SURF DR	N/F BEACHSIDE VILLAGE RESORT CONDOMINIUM ASSOCIATION
240 SURF DR	N/F PCA NOMINEE TRUST
248 SURF DR	N/F THREE HUNDRED COMMITTEE INC

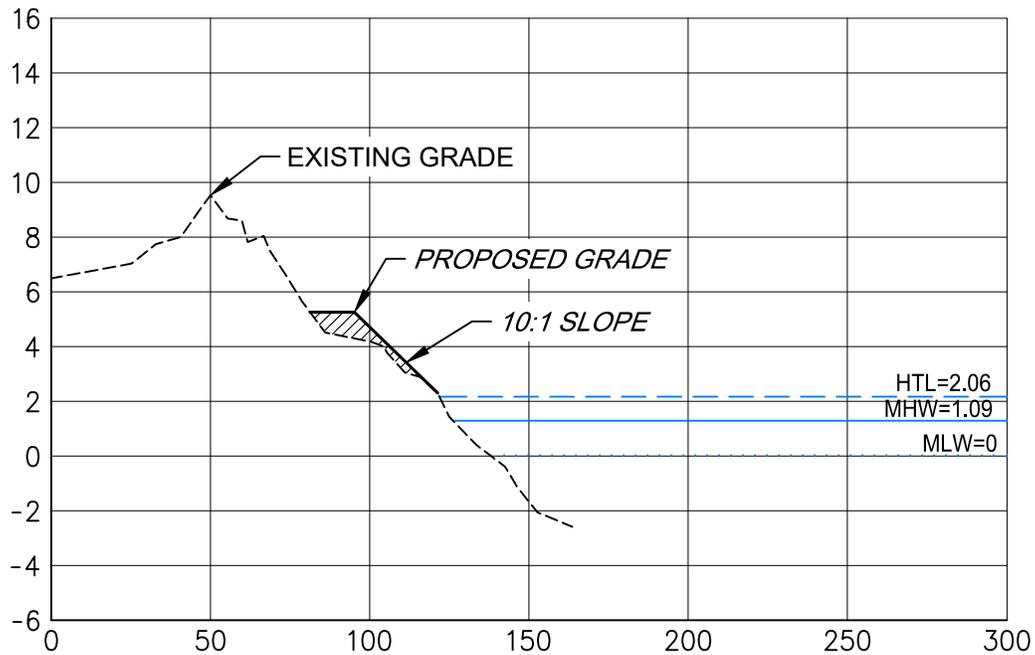
 A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Surf Drive Beach Abutters	APPLICATION BY: TOWN OF FALMOUTH	SHEET 15 OF 45
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022



A
14

TYPICAL BEACH NOURISHMENT SECTION

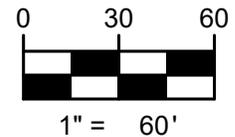
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 7'



B
14

TYPICAL BEACH NOURISHMENT SECTION

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



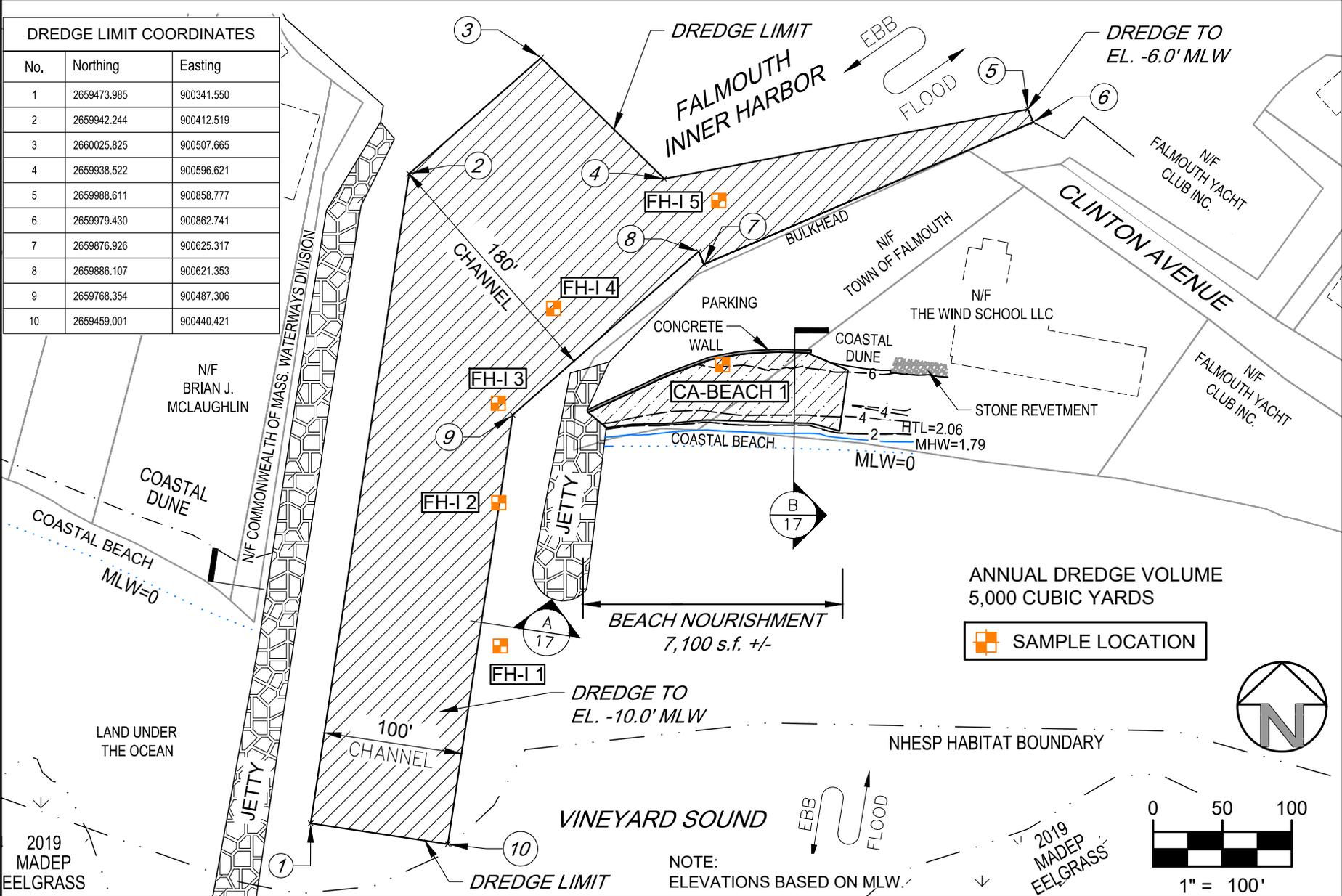
NOTE: ELEVATIONS
BASED ON MLW

WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Surf Drive Beach
Typical Sections

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

SHEET 16 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022



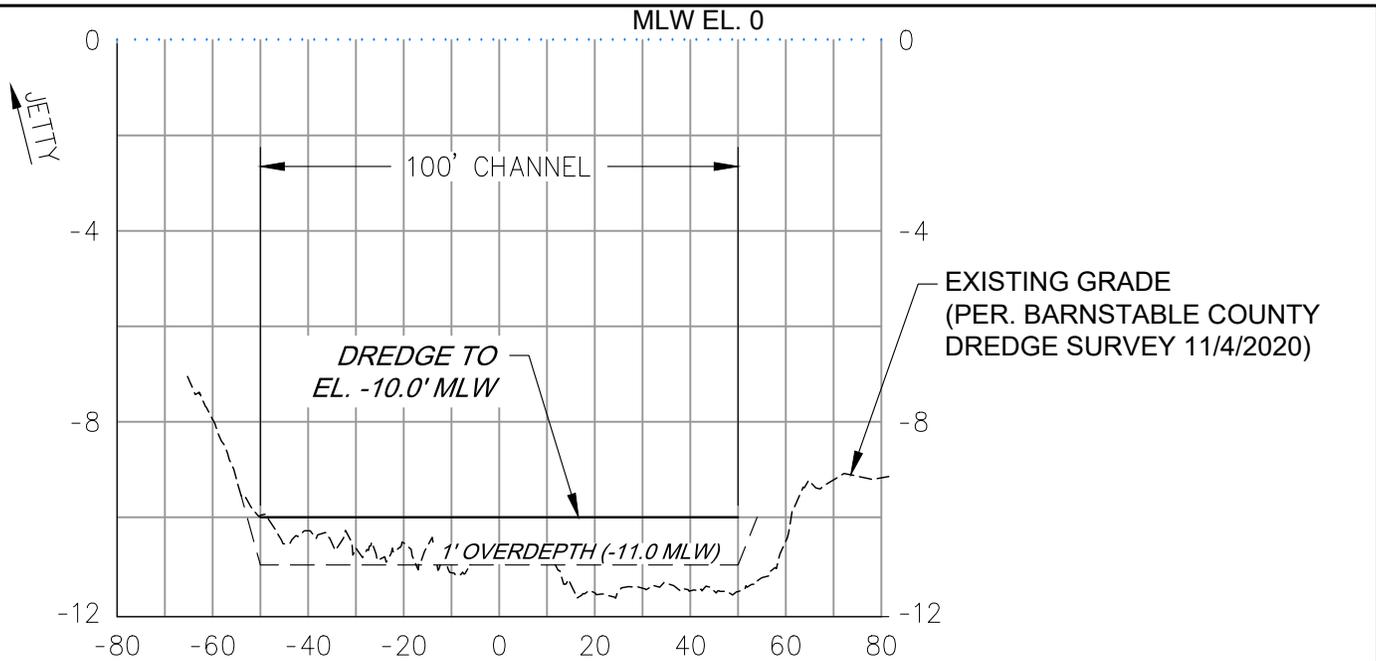
DREDGE LIMIT COORDINATES		
No.	Northing	Easting
1	2659473.985	900341.550
2	2659942.244	900412.519
3	2660025.825	900507.665
4	2659938.522	900596.621
5	2659988.611	900858.777
6	2659979.430	900862.741
7	2659876.926	900625.317
8	2659886.107	900621.353
9	2659768.354	900487.306
10	2659459.001	900440.421

WOODS HOLE GROUP
 A CLS COMPANY
 107 WATERHOUSE ROAD, BOURNE, MA 02532
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
 Falmouth Harbor Entrance Channel
 Dredging
 And Clinton Avenue Beach Nourishment

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

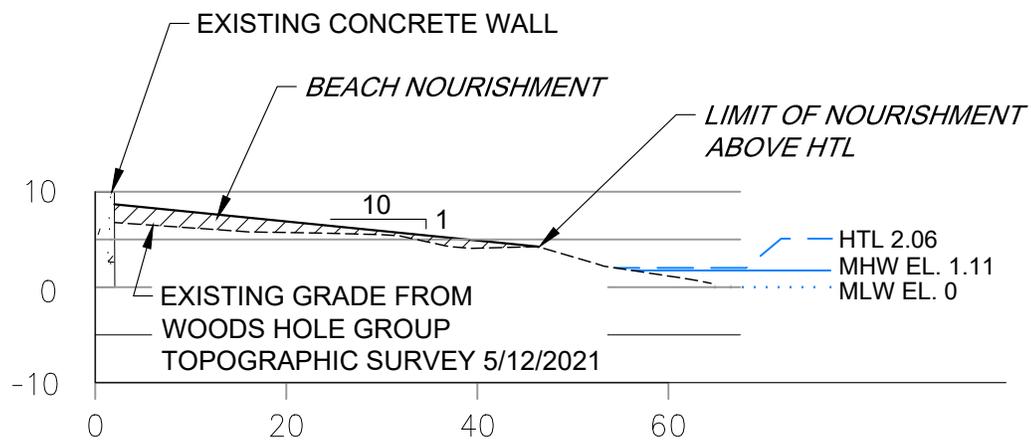
SHEET 17 OF 45
 DATE: 01/10/2022
 REVISED: 02/28/2022



A
17

TYPICAL DREDGE SECTION

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

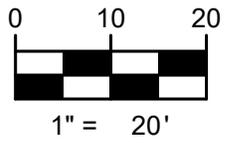


B
17

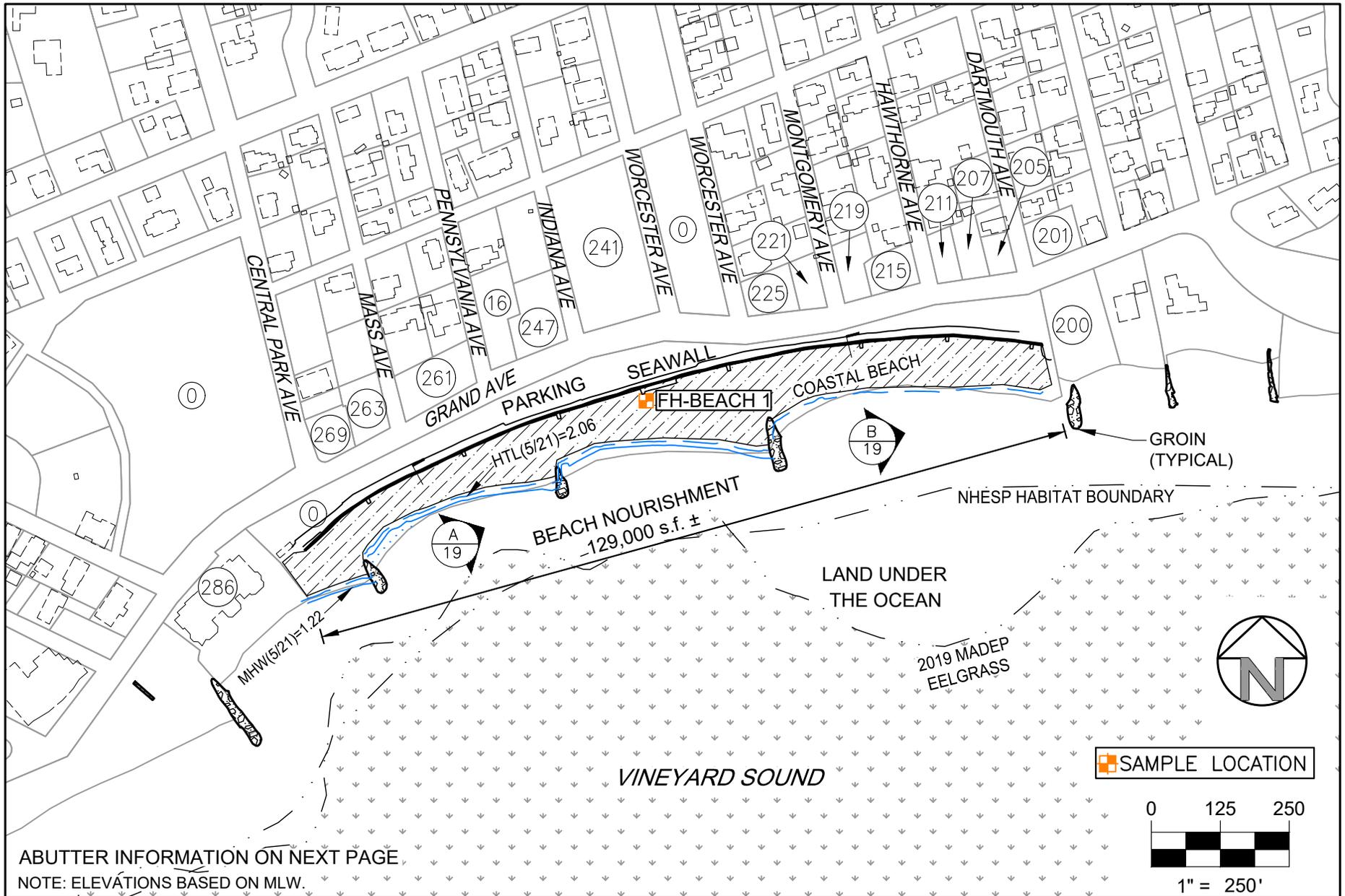
TYPICAL BEACH NOURISHMENT SECTION

SCALE: 1" = 20'

NOTE:
 ELEVATIONS BASED ON MLW.



 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Falmouth Harbor Entrance Channel Dredging And Clinton Avenue Beach Nourishment - Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 18 OF 45
	TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022	



WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Falmouth Heights
Beach Nourishment

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

SHEET 19 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

Address

Owner

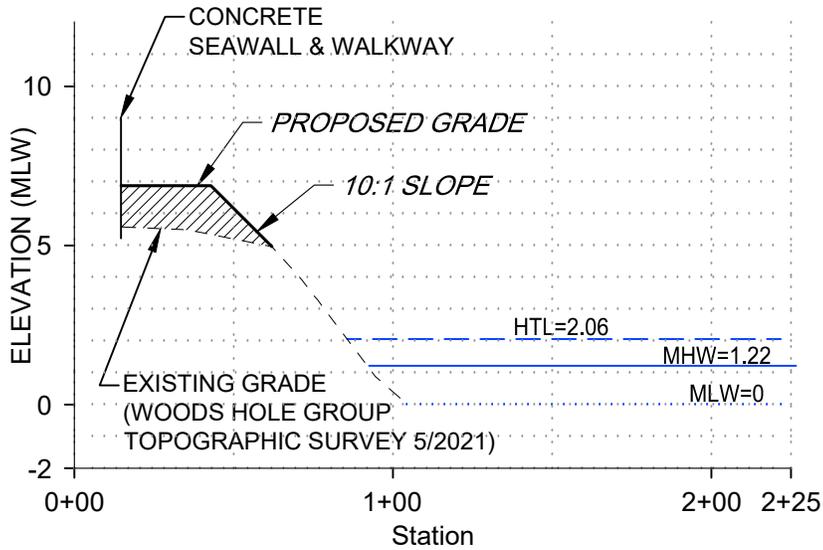
0 GRAND AVE	N/F TOWN OF FALMOUTH
200 GRAND AVE	N/F CLEMENT E.PAPAZIAN, TR.
286 GRAND AVE	N/F CASINO WHARF CONDO OWNERS
0 CENTRAL PARK AVE	N/F TOWN OF FALMOUTH
201 GRAND AVE	N/F LAWRENCE A. RYBACKI ETAL
205 GRAND AVE	N/F FRANCIS S. WALKER ETAL
207 GRAND AVE	N/F HAROLD E. DEWSNAP ETAL
211 GRAND AVE	N/F 211 GRAND LLC
215 GRAND AVE	N/F MATHEW PIMENTAL
219 GRAND AVE	N/F 219 GRAND AVE REALTY TRUST
221 GRAND AVE	N/F HILTZ FALMOUTH REALTY TRUST
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 WALTER S. SPOKOWSKI ETAL
16 PENNSYLVANIA AVE	N/F DEBORAH A. FANALE
261 GRAND AVE	N/F SCHECTER CAPE COD REALTY TRUST
263 GRAND AVE	N/F FALMOUTH HEIGHTS REAL ESTATE LLC
269 GRAND AVE	N/F FALMOUTH HEIGHTS REAL ESTATE LLC
0 WORCESTER AVE	N/F TOWN OF FALMOUTH



TITLE:
Falmouth Heights Beach
Abutters

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

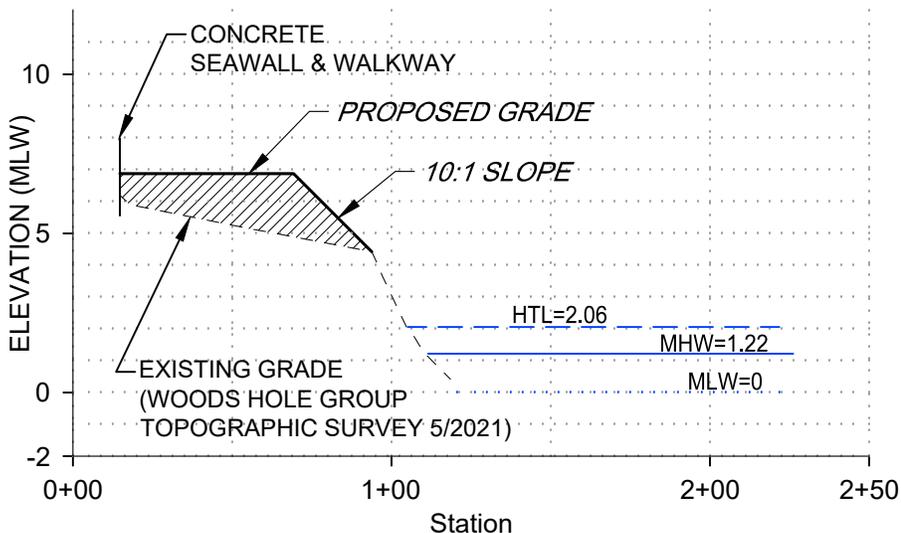
SHEET 20 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022



A
19

TYPICAL BEACH NOURISHMENT SECTION

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

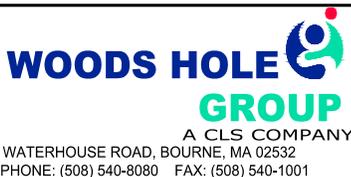


B
19

TYPICAL BEACH NOURISHMENT SECTION

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

NOTE:
ELEVATIONS BASED ON MLW

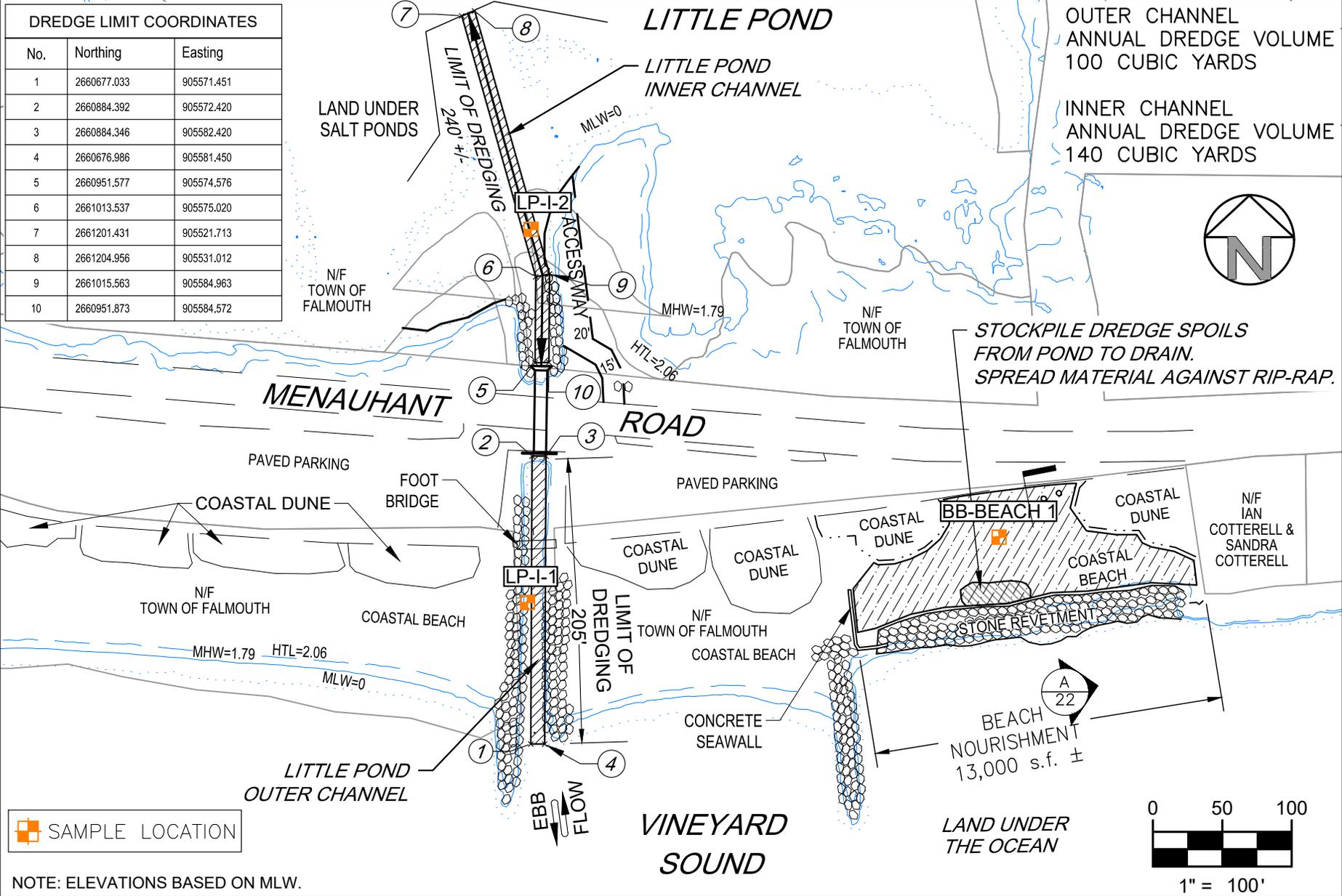


TITLE:
Falmouth Heights Beach
Typical Sections

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

SHEET 21 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

DREDGE LIMIT COORDINATES		
No.	Northing	Easting
1	2660677.033	905571.451
2	2660884.392	905572.420
3	2660884.346	905582.420
4	2660676.986	905581.450
5	2660951.577	905574.576
6	2661013.537	905575.020
7	2661201.431	905521.713
8	2661204.956	905531.012
9	2661015.563	905584.963
10	2660951.873	905584.572



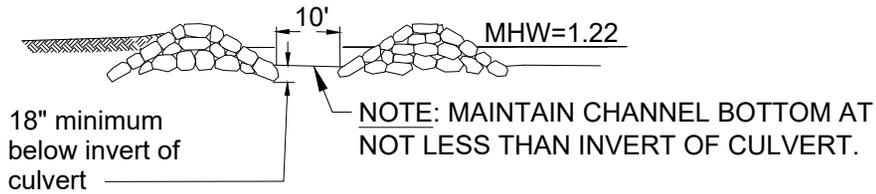
OUTER CHANNEL
ANNUAL DREDGE VOLUME
100 CUBIC YARDS

INNER CHANNEL
ANNUAL DREDGE VOLUME
140 CUBIC YARDS

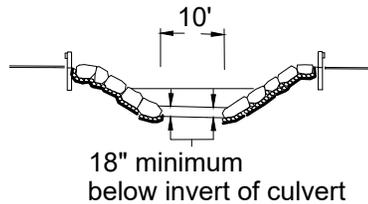
SAMPLE LOCATION

NOTE: ELEVATIONS BASED ON MLW.

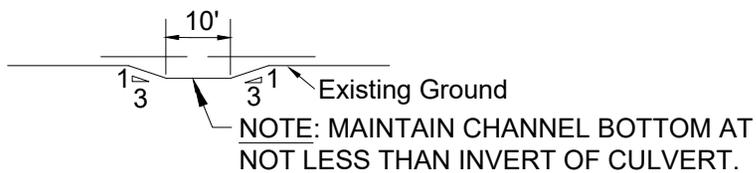
<p>WOODS HOLE GROUP A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001</p>	<p>TITLE: Little Pond Inner Channel & Outer Channel Dredging & Bristol Beach Nourishment</p>	<p>APPLICATION BY: TOWN OF FALMOUTH</p>	<p>SHEET 22 OF 45</p>
		<p>TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA</p>	<p>DATE: 01/10/2022 REVISED: 02/28/2022</p>



SECTION AT JETTIES
SCALE: NONE

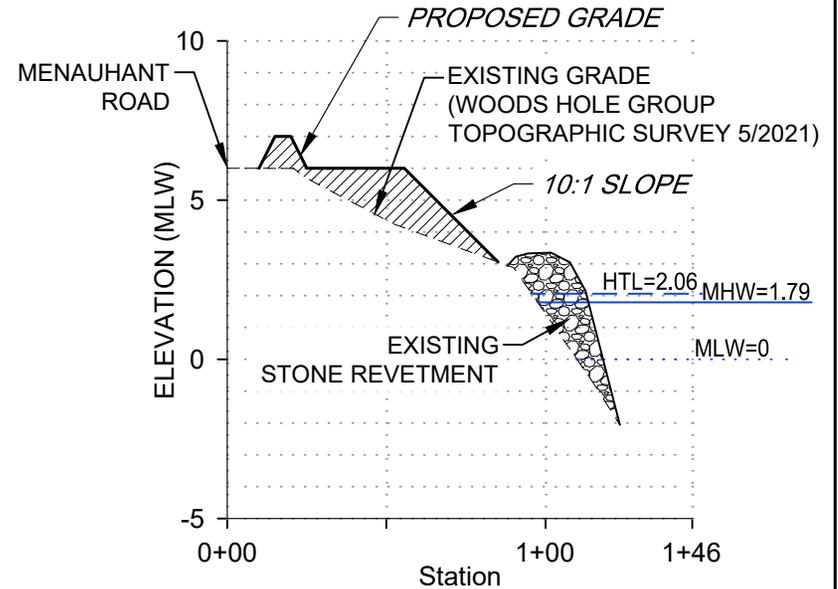


SECTION AT RIP RAP CHANNEL
SCALE: NONE

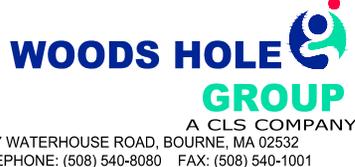


SECTION IN POND
SCALE: NONE

NOTE: ELEVATIONS BASED ON MLW.



TYPICAL BEACH NOURISHMENT SECTION
A
22
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 6'

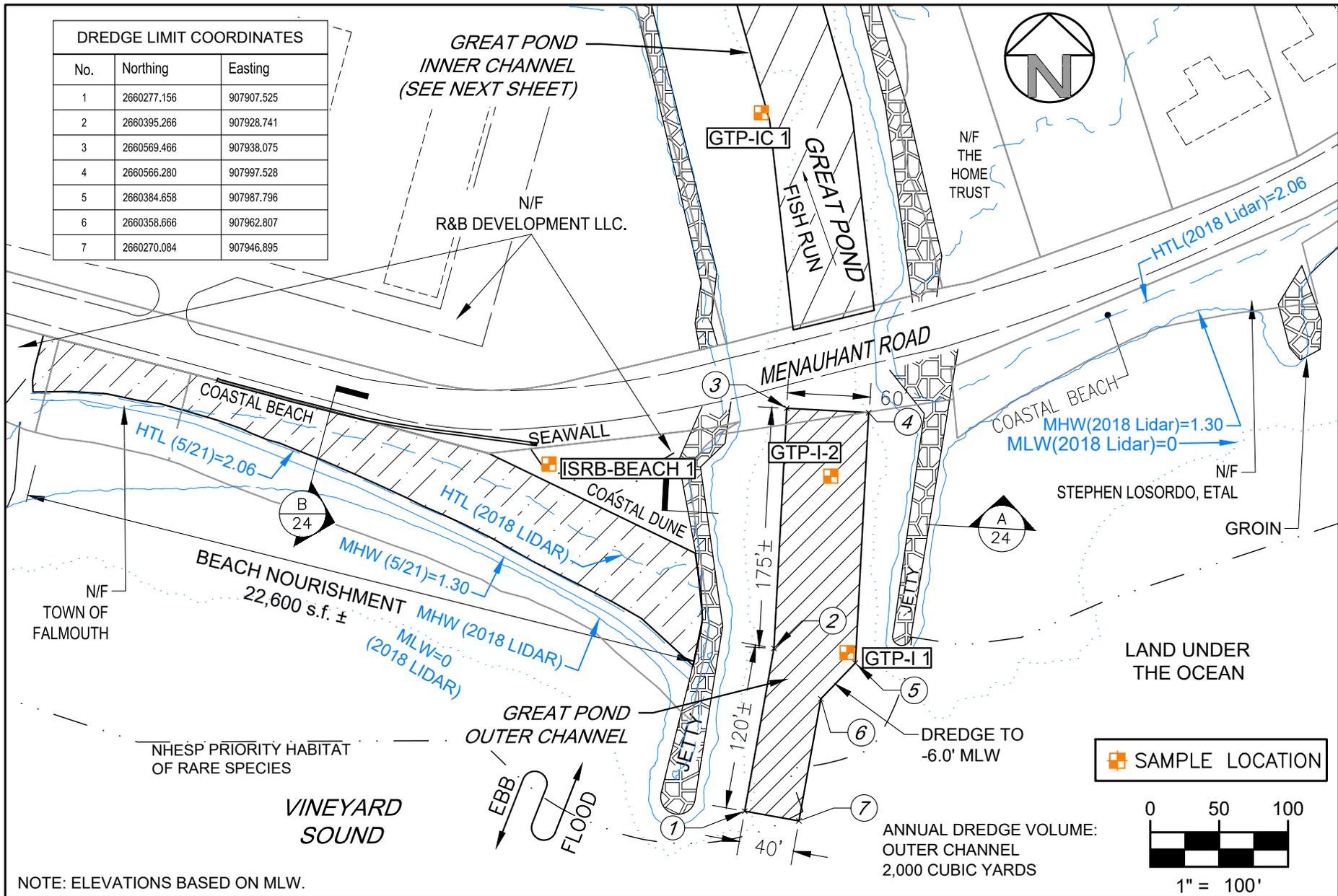


TITLE:
Little Pond Inner Channel & Outer Channel
& Bristol Beach - Typical Sections

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

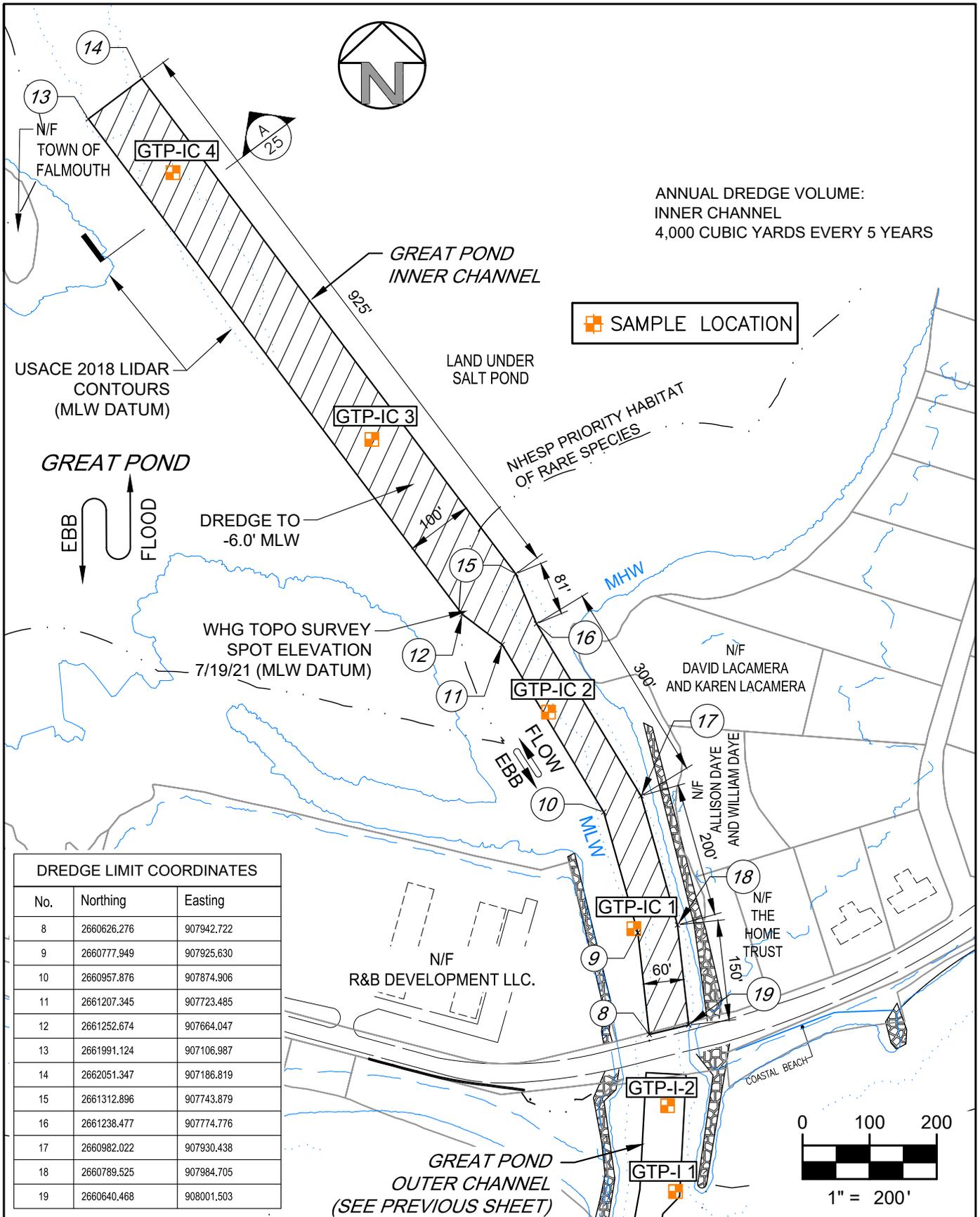
SHEET 23 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

DREDGE LIMIT COORDINATES		
No.	Northing	Easting
1	2660277.156	907907.525
2	2660395.266	907928.741
3	2660569.466	907938.075
4	2660566.280	907997.528
5	2660384.658	907987.796
6	2660358.666	907962.807
7	2660270.084	907946.895



NOTE: ELEVATIONS BASED ON MLW.

 <p>WOODS HOLE GROUP A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001</p>	<p>TITLE: Great Pond Outer Channel Dredging & Inn Season Resorts Beach Nourishment</p>	<p>APPLICATION BY: TOWN OF FALMOUTH</p>	<p>SHEET 24 OF 45</p>
		<p>TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA</p>	<p>DATE: 01/10/2022 REVISED: 02/28/2022</p>

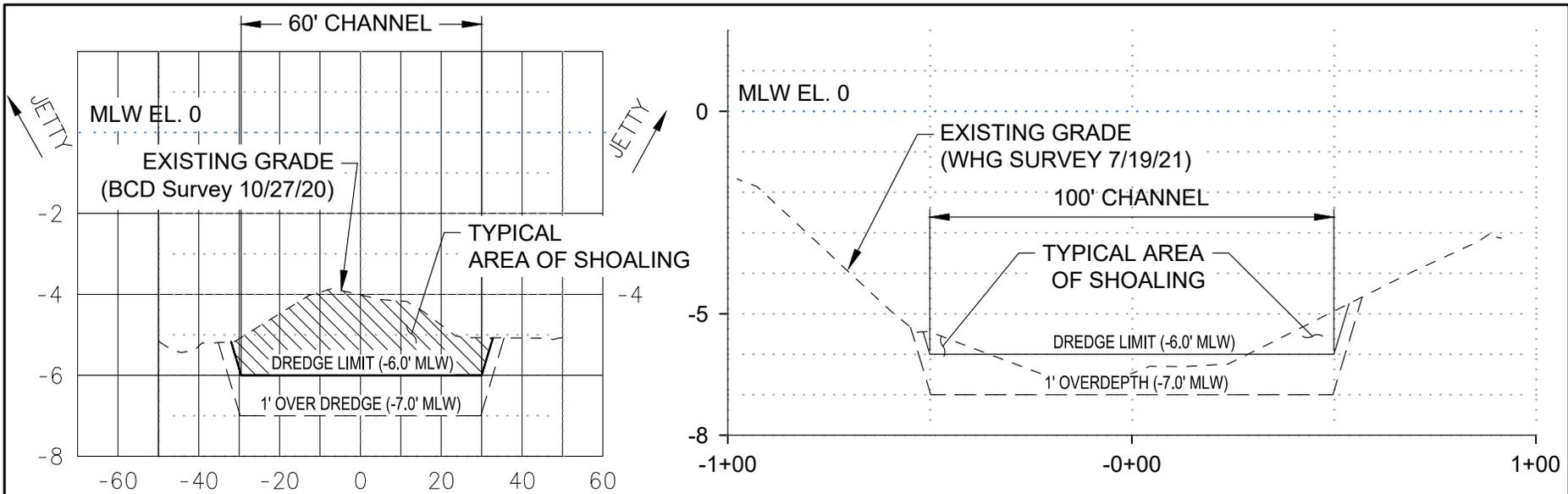


WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Great Pond Inner Channel
Dredging

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

SHEET 25 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

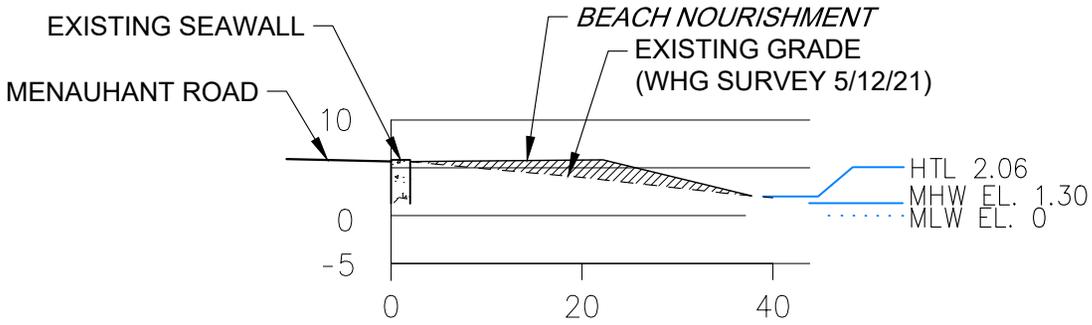


**TYPICAL DREDGE SECTION
- OUTER CHANNEL**

A
24
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

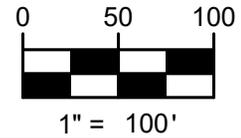
**TYPICAL DREDGE SECTION
- INNER CHANNEL**

A
25
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



TYPICAL BEACH NOURISHMENT SECTION

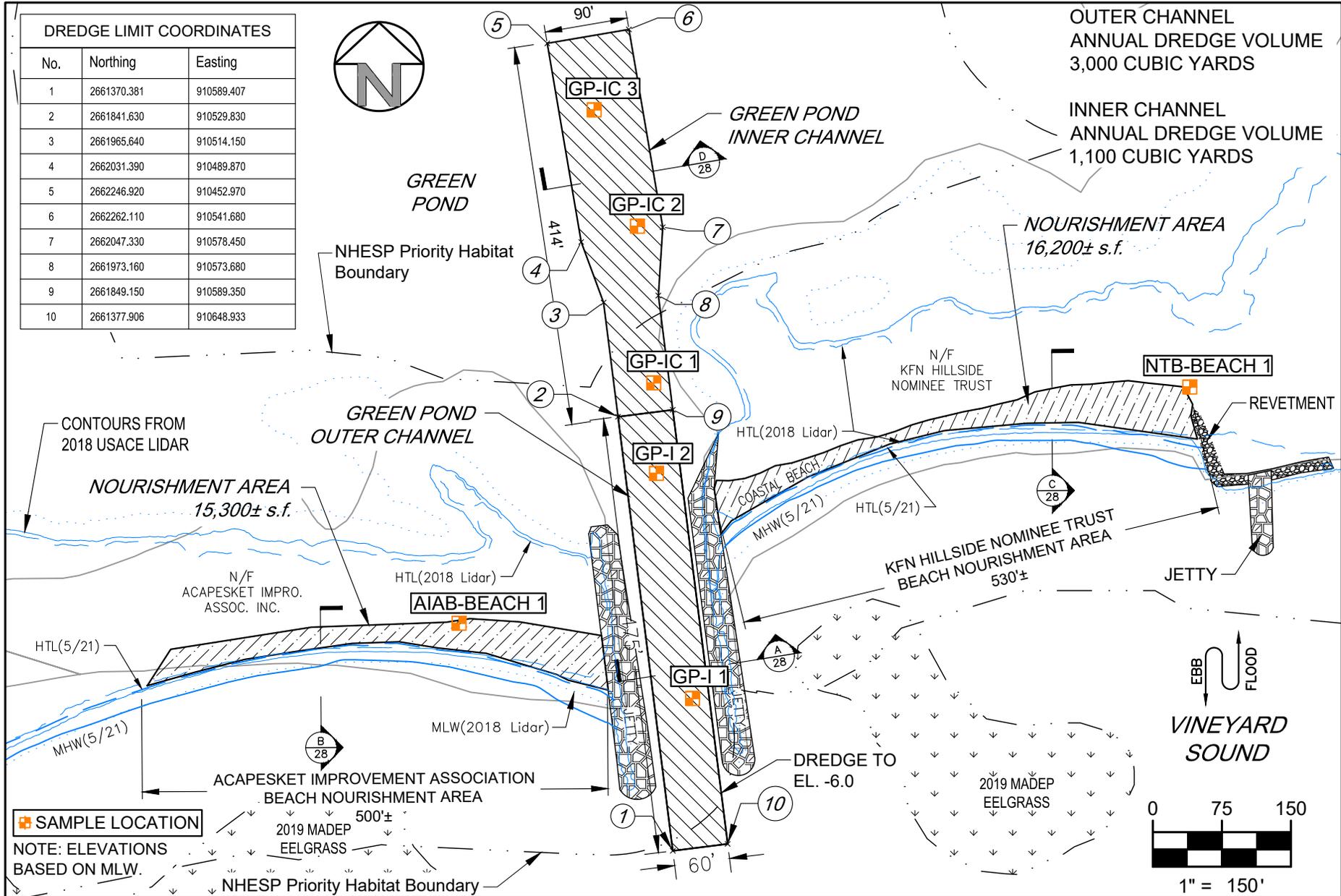
B
24
HORIZONTAL & VERTICAL SCALE: 1" = 20'



NOTE: ELEVATIONS BASED ON MLW.

 A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Great Pond Inner Channel & Outer Channel & Inn Season Resorts Beach - Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 26 OF 45
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022

DREDGE LIMIT COORDINATES		
No.	Northing	Easting
1	2661370.381	910589.407
2	2661841.630	910529.830
3	2661965.640	910514.150
4	2662031.390	910489.870
5	2662246.920	910452.970
6	2662262.110	910541.680
7	2662047.330	910578.450
8	2661973.160	910573.680
9	2661849.150	910589.350
10	2661377.906	910648.933

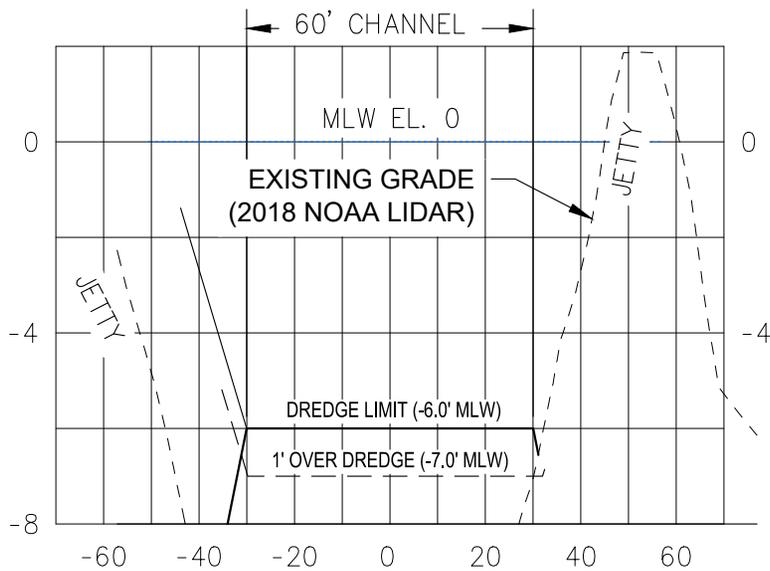


WOODS HOLE GROUP
 A CLS COMPANY
 107 WATERHOUSE ROAD, BOURNE, MA 02532
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
 Green Pond Inner Channel & Outer Channel Dredging
 Acapesket Imp. Assoc. And KFN Hillside Nom. Trust Beach Nourishment

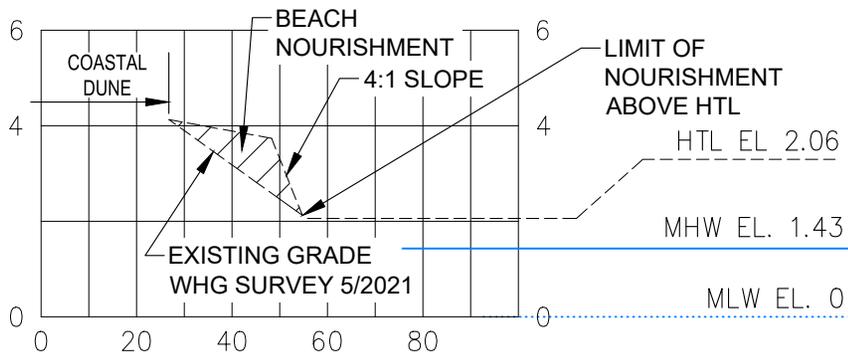
APPLICATION BY:
 TOWN OF FALMOUTH
 TOWN: FALMOUTH
 COUNTY: BARNSTABLE
 STATE: MA

SHEET 27 OF 45
 DATE: 01/10/2022
 REVISED: 02/28/2022



**TYPICAL DREDGE SECTION
OUTER CHANNEL**

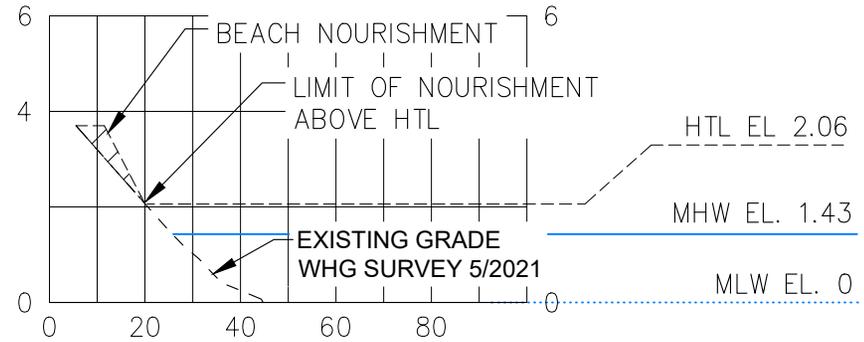
A
28



TYPICAL BEACH NOURISHMENT SECTION

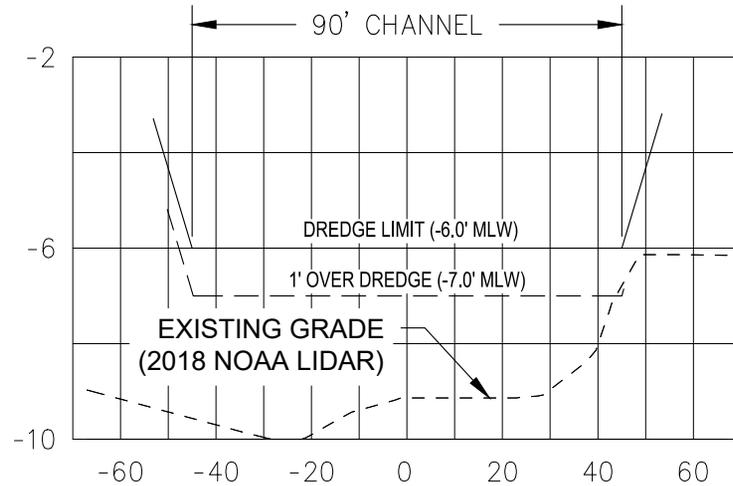
C
28

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



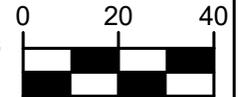
TYPICAL BEACH NOURISHMENT SECTION

B
28



**TYPICAL DREDGE SECTION
INNER CHANNEL**

D
28



NOTE: ELEVATIONS BASED ON MLW.

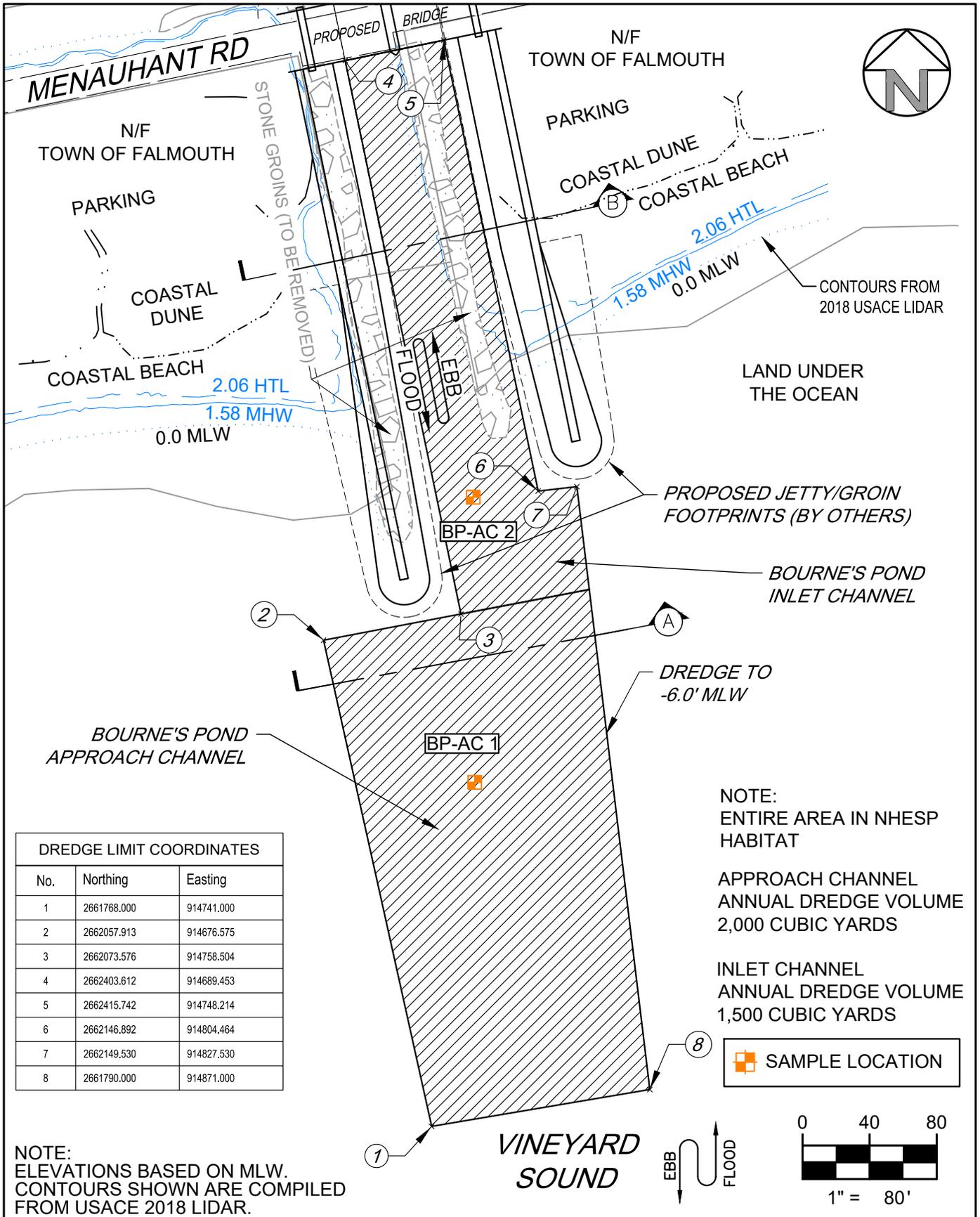
1" = 40'

WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Green Pond Dredging And Beach
Nourishment
Typical Sections

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

SHEET 28 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022



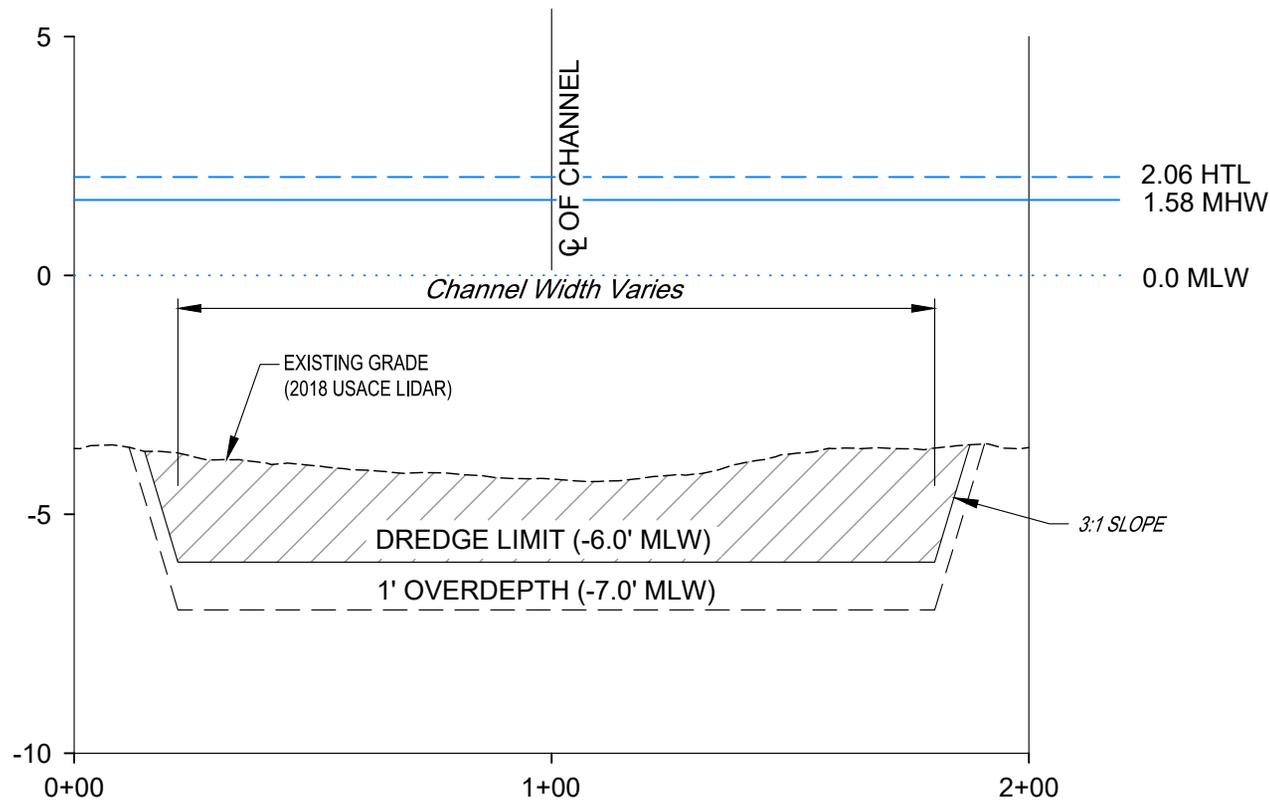
DREDGE LIMIT COORDINATES		
No.	Northing	Easting
1	2661768.000	914741.000
2	2662057.913	914676.575
3	2662073.576	914758.504
4	2662403.612	914689.453
5	2662415.742	914748.214
6	2662146.892	914804.464
7	2662149.530	914827.530
8	2661790.000	914871.000

WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Bourne's Pond
Approach Channel &
Inlet Channel Dredging

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

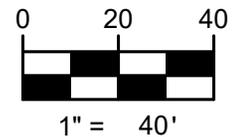
SHEET 29 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022



TYPICAL DREDGE SECTION
APPROACH CHANNEL

A
29

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



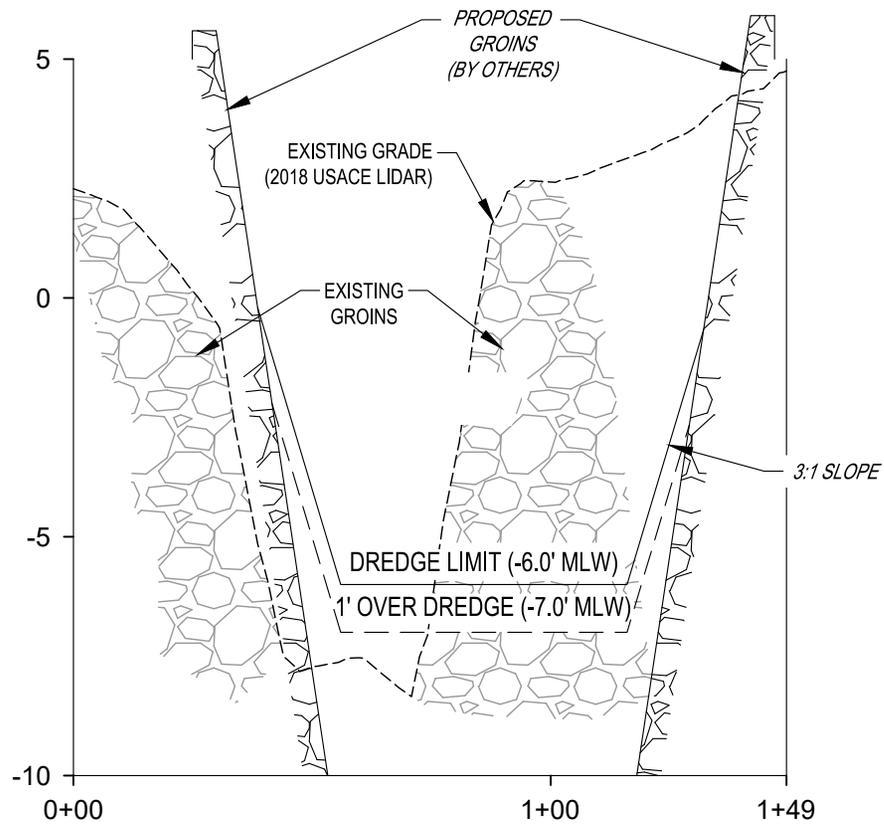
NOTE: ELEVATIONS BASED ON MLW.

WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Bourne's Pond Approach Channel -
Typical Section

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

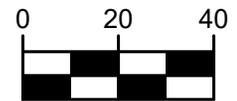
SHEET 30 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022



TYPICAL DREDGE SECTION
INLET CHANNEL

B
29

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



1" = 40'

NOTE: ELEVATIONS BASED ON MLW.

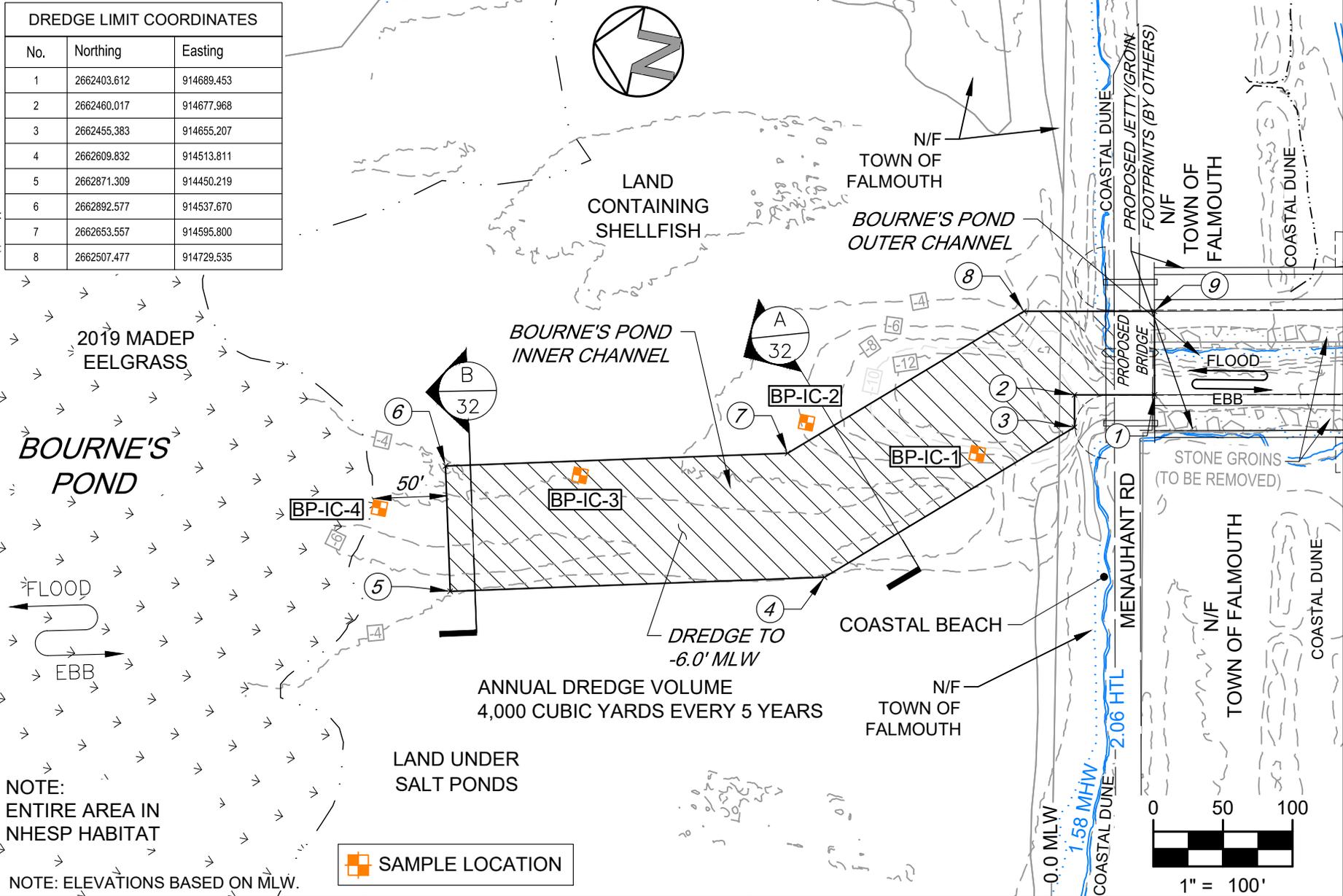
WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Bourne's Pond Inlet Channel -
Typical Section

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

SHEET 31 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

DREDGE LIMIT COORDINATES		
No.	Northing	Easting
1	2662403.612	914689.453
2	2662460.017	914677.968
3	2662455.383	914655.207
4	2662609.832	914513.811
5	2662871.309	914450.219
6	2662892.577	914537.670
7	2662653.557	914595.800
8	2662507.477	914729.535

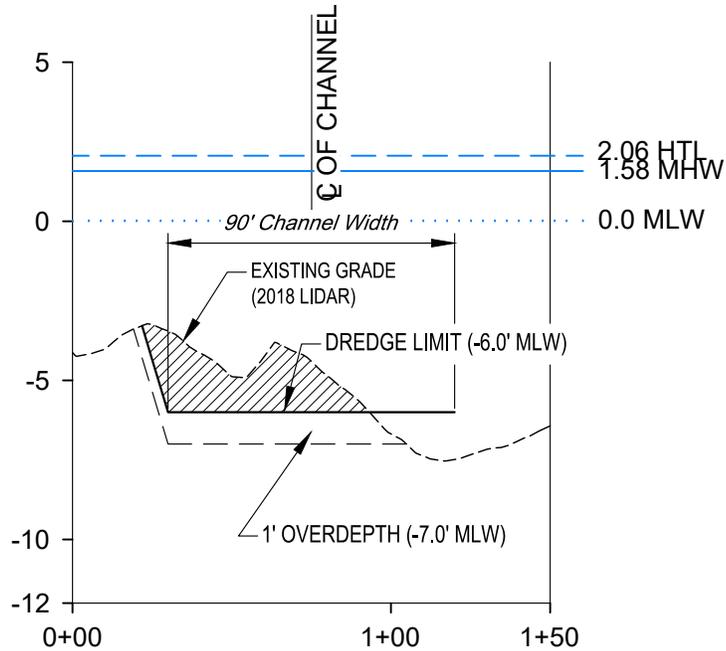


WOODS HOLE GROUP
 A CLS COMPANY
 107 WATERHOUSE ROAD, BOURNE, MA 02532
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

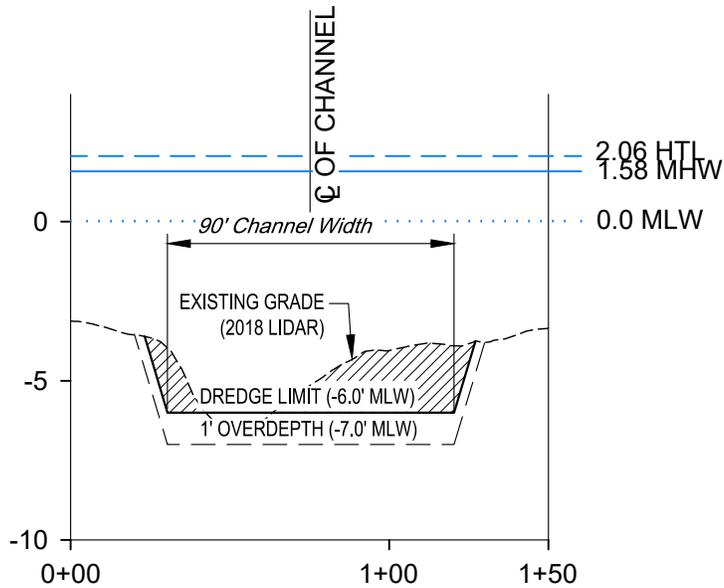
TITLE:
 Bourne's Pond Inner Channel
 Dredging

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

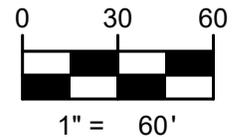
SHEET 32 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

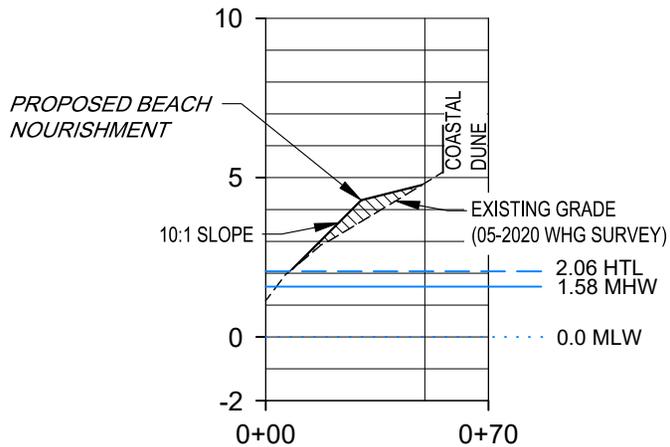
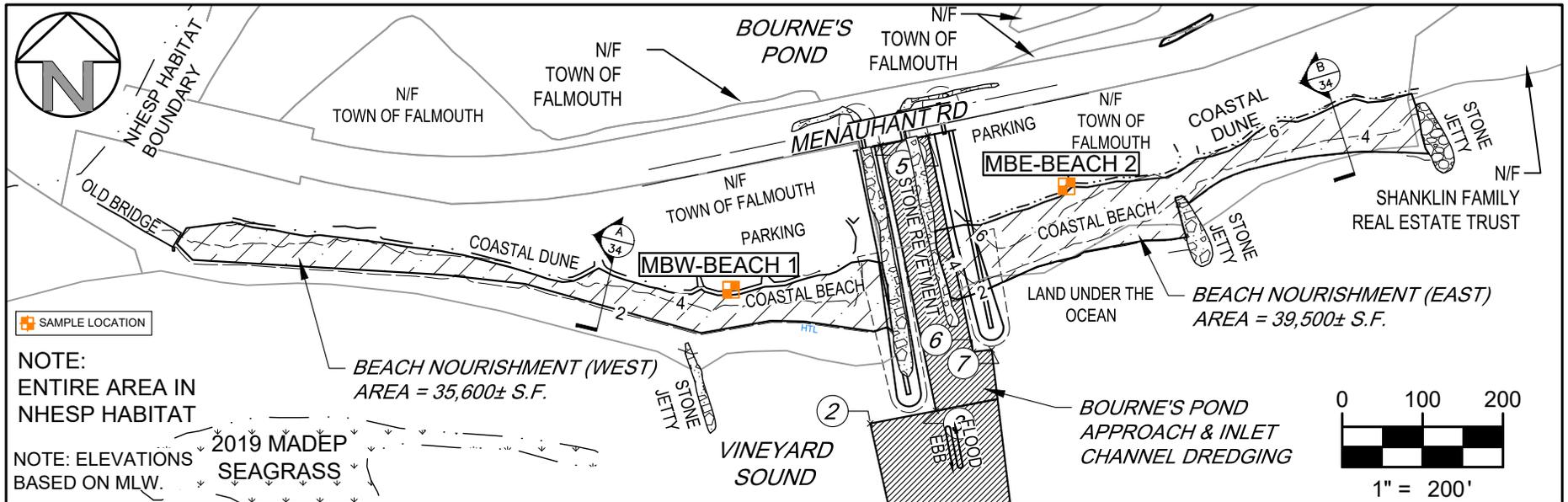


A
32 **TYPICAL DREDGE SECTION**
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 6'

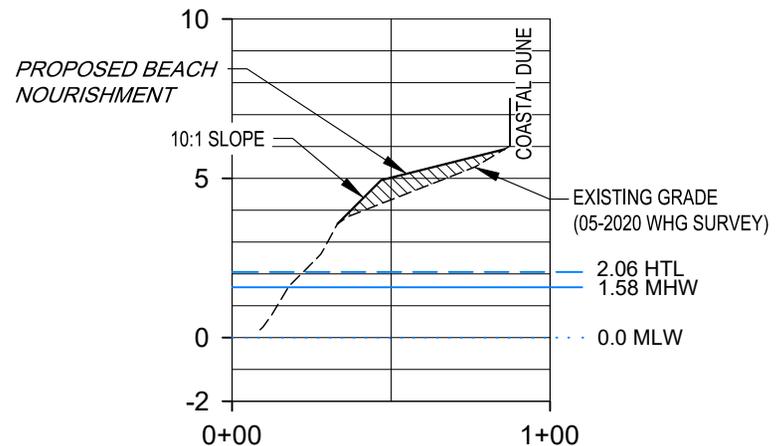


B
32 **TYPICAL DREDGE SECTION**
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 6'

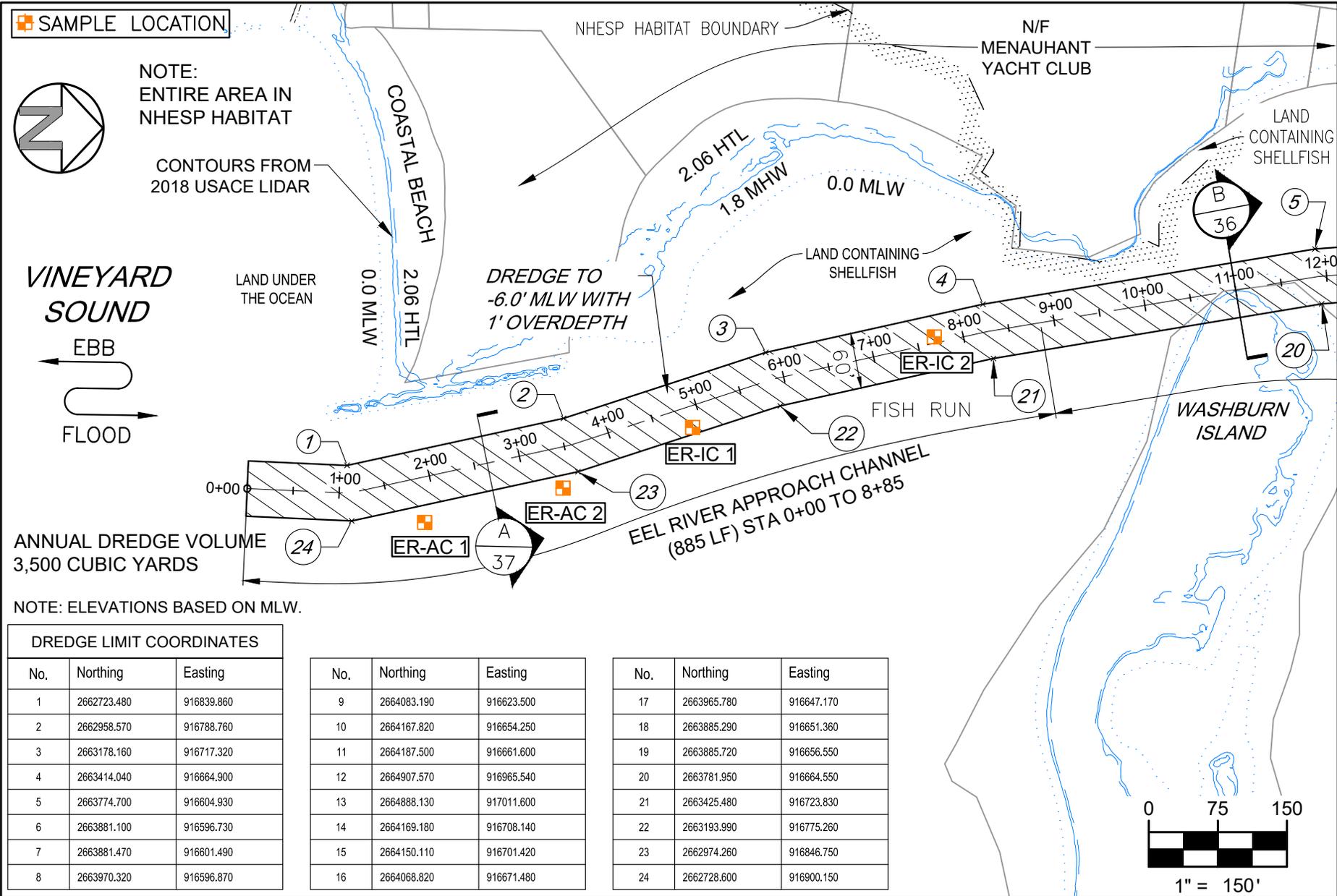




A
34
TYPICAL BEACH NOURISHMENT SECTION
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 6'



B
34
TYPICAL BEACH NOURISHMENT SECTION
HORIZONTAL SCALE: 1" = 60'
VERTICAL SCALE: 1" = 6'



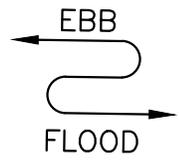
SAMPLE LOCATION



NOTE:
ENTIRE AREA IN
NHESP HABITAT

CONTOURS FROM
2018 USACE LIDAR

VINEYARD
SOUND



ANNUAL DREDGE VOLUME
3,500 CUBIC YARDS

NOTE: ELEVATIONS BASED ON MLW.

DREDGE LIMIT COORDINATES		
No.	Northing	Easting
1	2662723.480	916839.860
2	2662958.570	916788.760
3	2663178.160	916717.320
4	2663414.040	916664.900
5	2663774.700	916604.930
6	2663881.100	916596.730
7	2663881.470	916601.490
8	2663970.320	916596.870

9	2664083.190	916623.500
10	2664167.820	916654.250
11	2664187.500	916661.600
12	2664907.570	916965.540
13	2664888.130	917011.600
14	2664169.180	916708.140
15	2664150.110	916701.420
16	2664068.820	916671.480

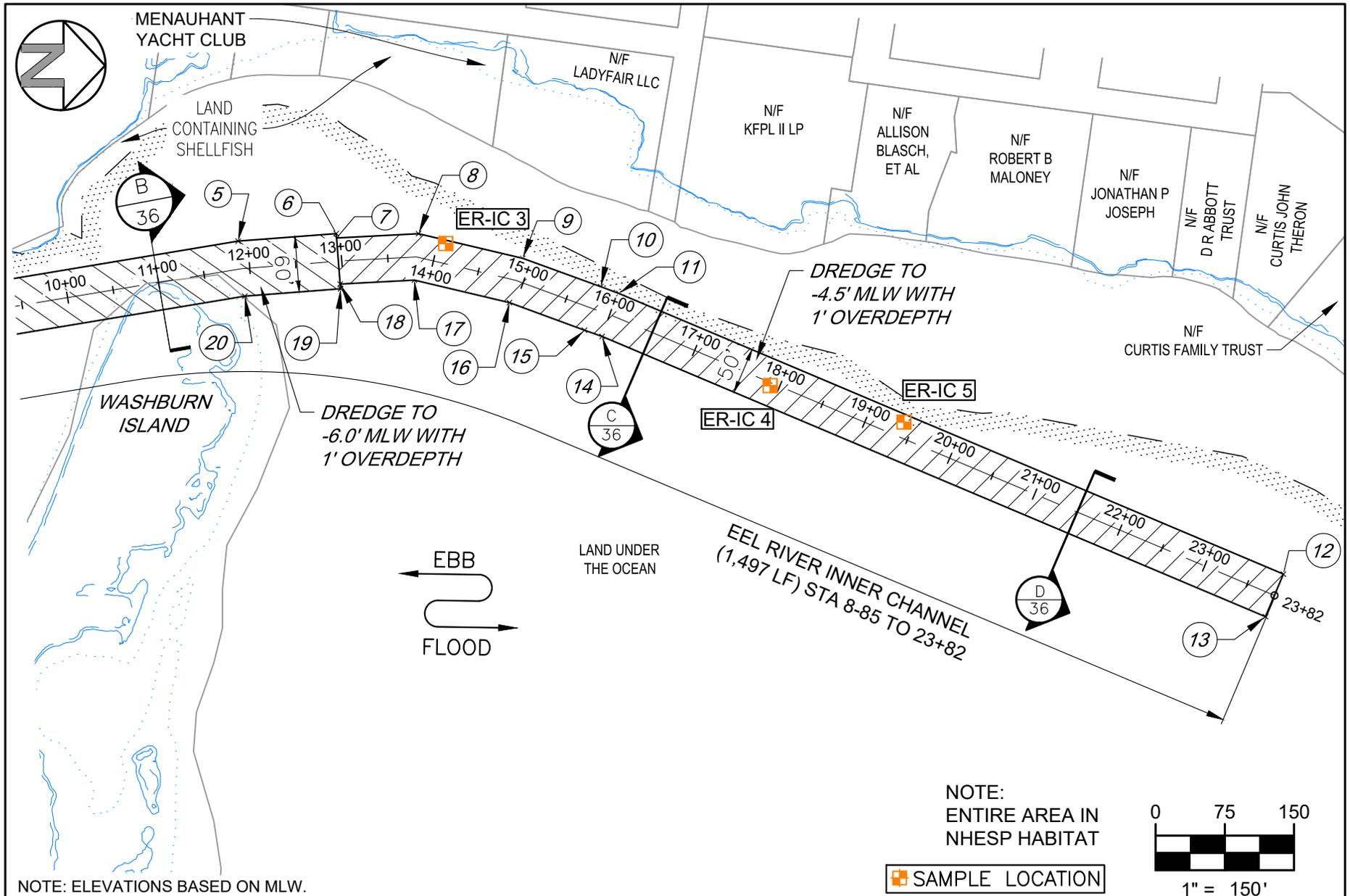
17	2663965.780	916647.170
18	2663885.290	916651.360
19	2663885.720	916656.550
20	2663781.950	916664.550
21	2663425.480	916723.830
22	2663193.990	916775.260
23	2662974.260	916846.750
24	2662728.600	916900.150

WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

TITLE:
Eel River Approach Channel
Dredging

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

SHEET 35 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022

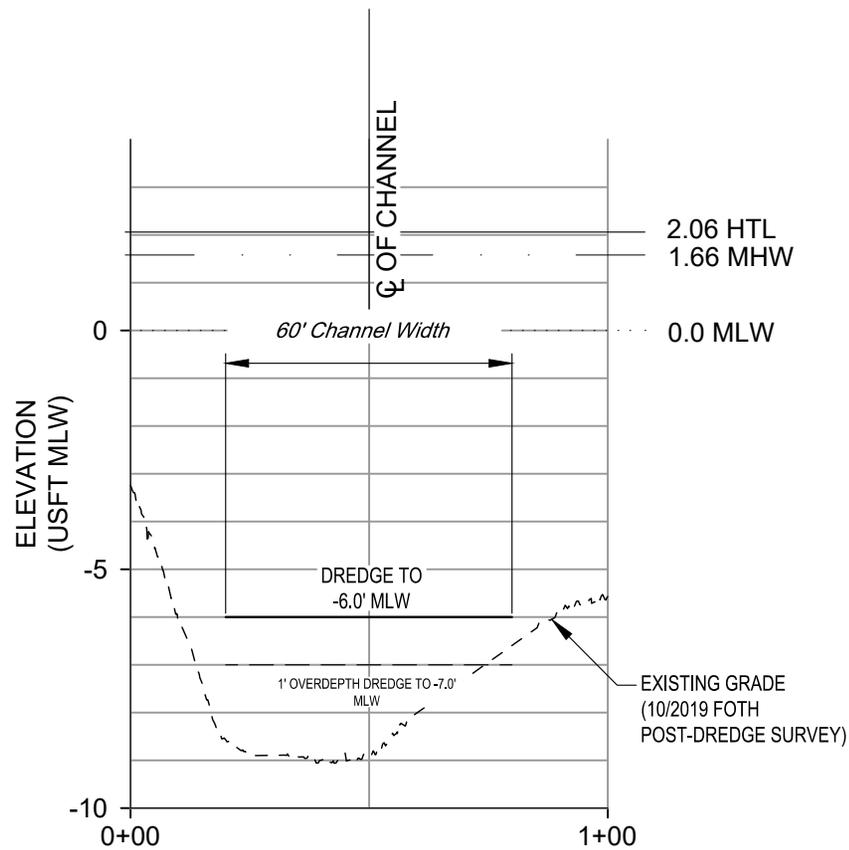


WOODS HOLE GROUP
 A CLS COMPANY
 107 WATERHOUSE ROAD, BOURNE, MA 02532
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

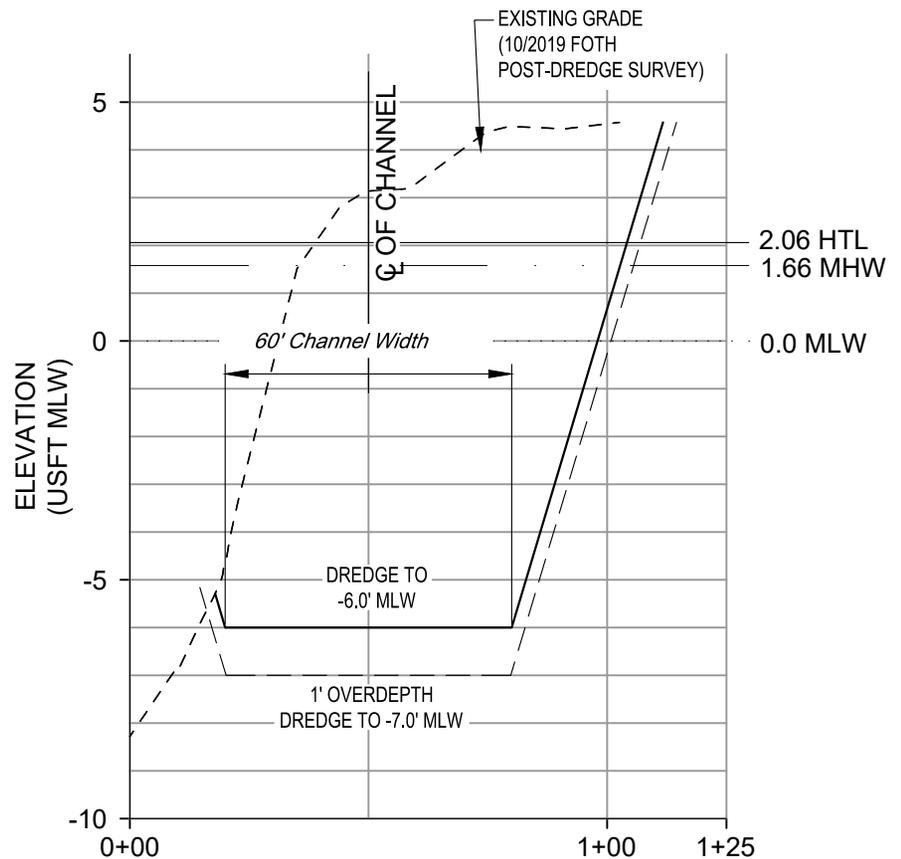
TITLE:
 Eel River Inner Channel
 Dredging

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

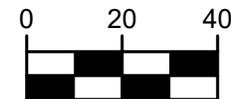
SHEET 36 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022



CROSS SECTION A
SCALE 1" = 40'



CROSS SECTION B
SCALE 1" = 40'



1" = 40'

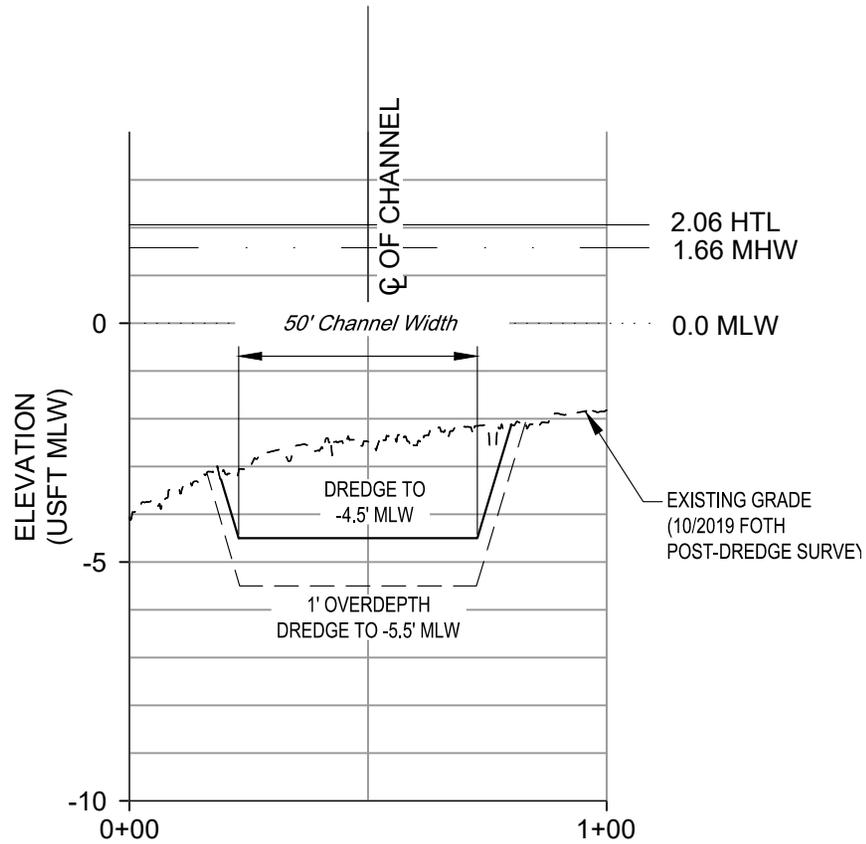
NOTE: ELEVATIONS BASED ON MLW.

WOODS HOLE GROUP
A CLS COMPANY
107 WATERHOUSE ROAD, BOURNE, MA 02532
TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

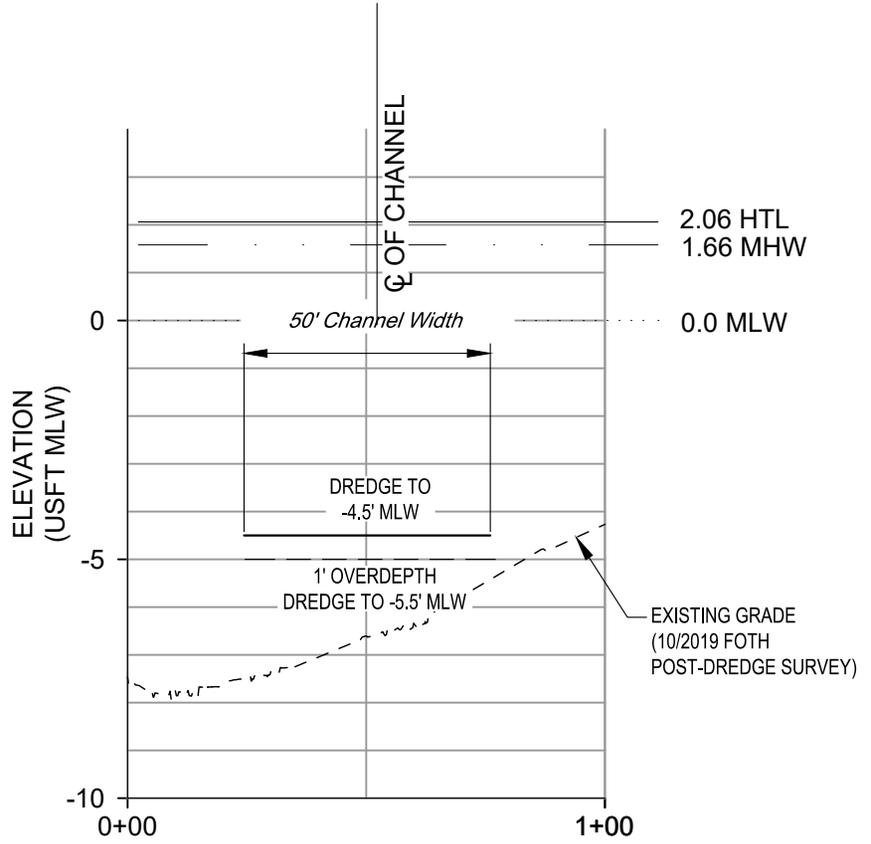
TITLE:
Eel River Channel Dredging
Typical Sections

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

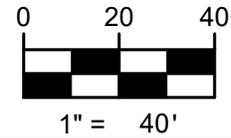
SHEET 37 OF 45
DATE: 01/10/2022
REVISED: 02/28/2022



CROSS SECTION C
 SCALE 1" = 40'

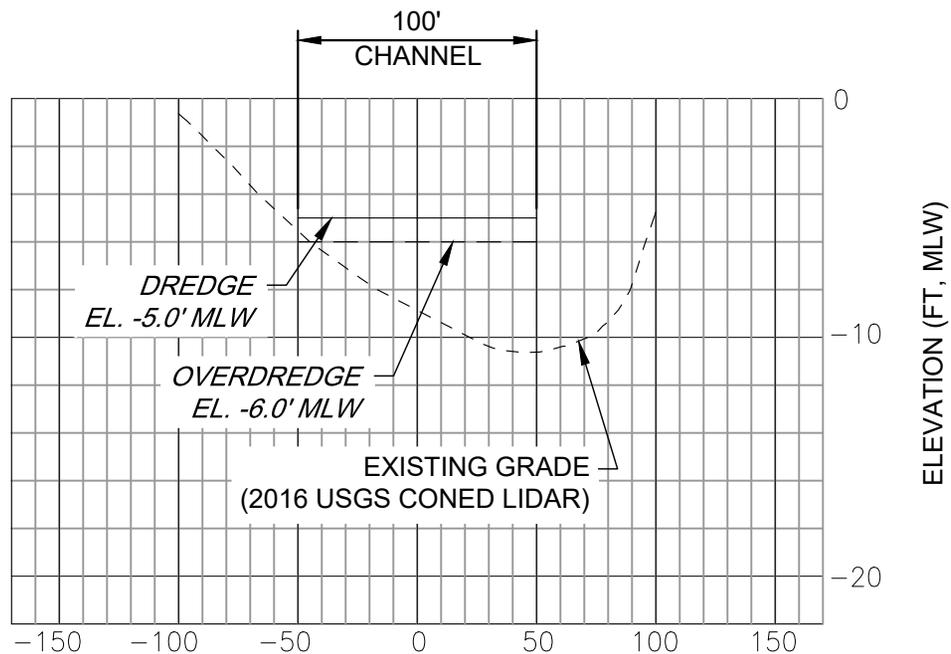


CROSS SECTION D
 SCALE 1" = 40'

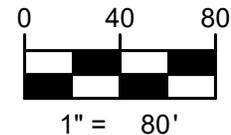


NOTE: ELEVATIONS BASED ON MLW.

 A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Eel River Channel Dredging Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 38 OF 45
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022

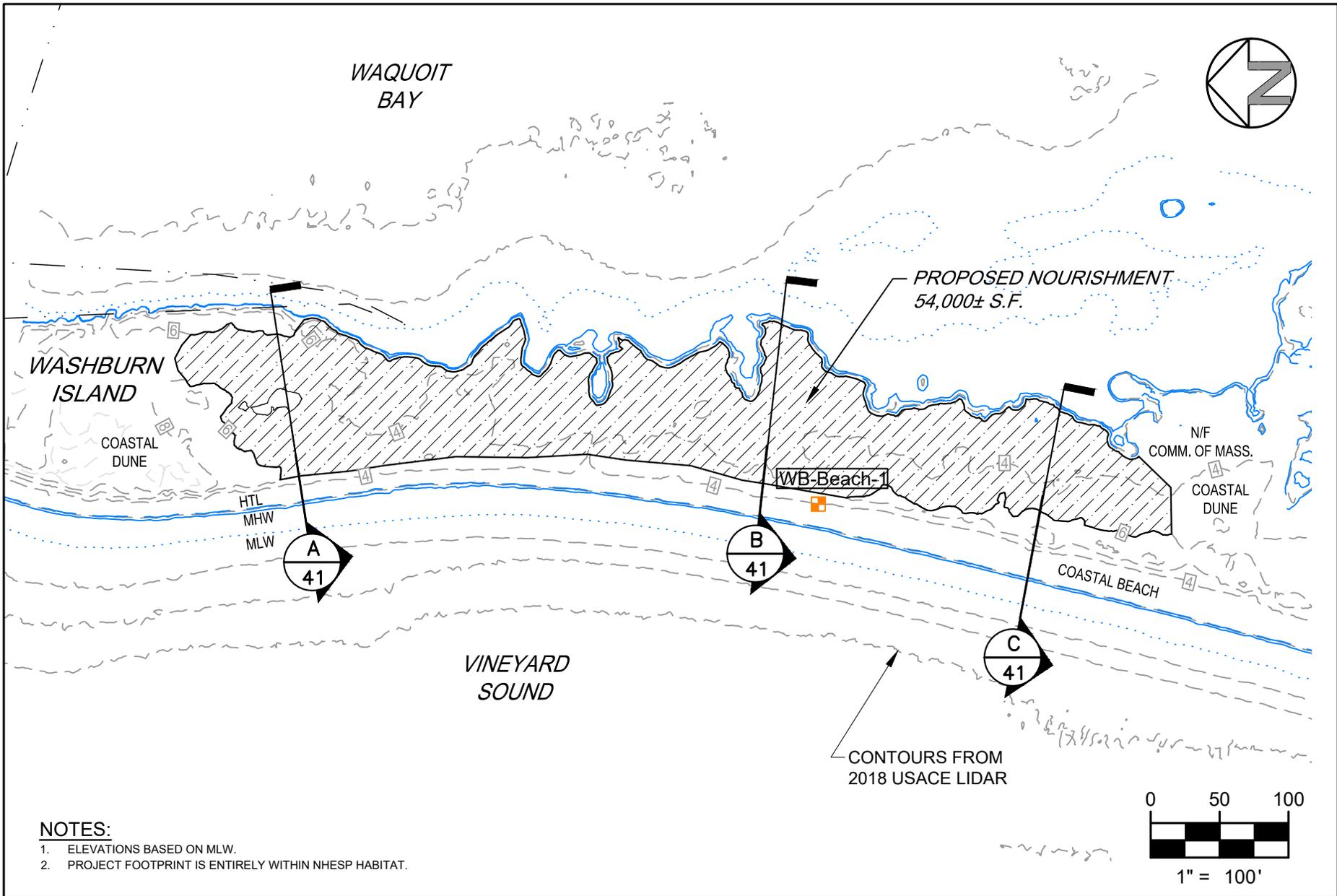


A
39 **TYPICAL DREDGE SECTION**
 HORIZONTAL SCALE: 1"=80'
 VERTICAL SCALE: 1"=8'



NOTE: ELEVATIONS BASED ON MLW.

 A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Waquoit Bay Outer Channel Typical Section	APPLICATION BY: TOWN OF FALMOUTH	SHEET 40 OF 45
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022



NOTES:

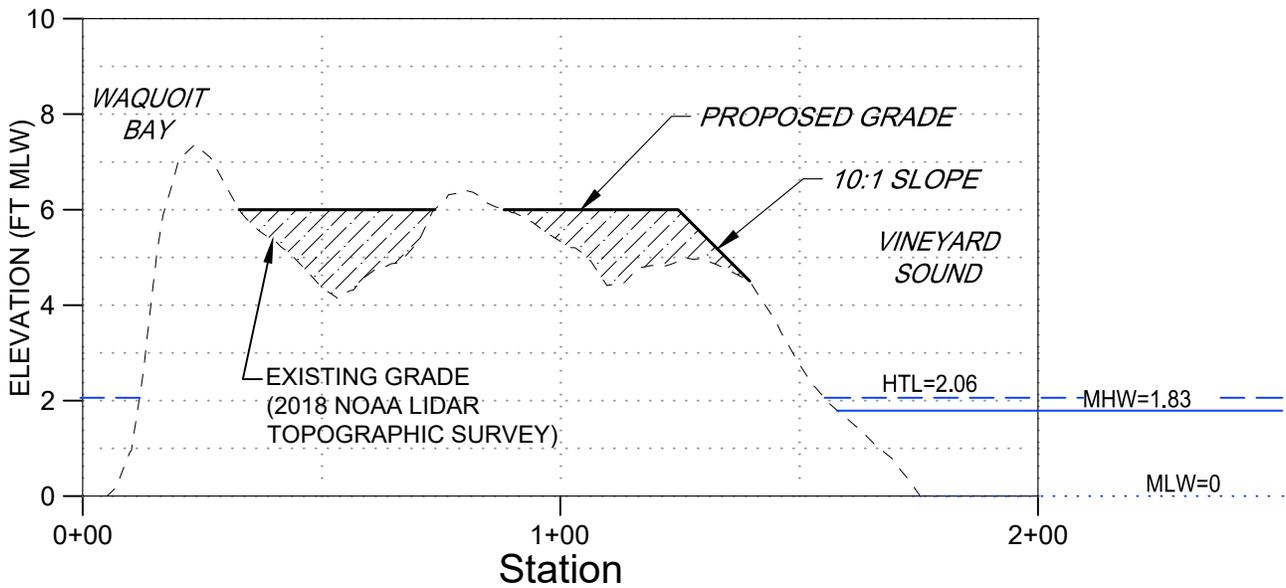
1. ELEVATIONS BASED ON MLW.
2. PROJECT FOOTPRINT IS ENTIRELY WITHIN NHESP HABITAT.

WOODS HOLE GROUP
 A CLS COMPANY
 107 WATERHOUSE ROAD, BOURNE, MA 02532
 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001

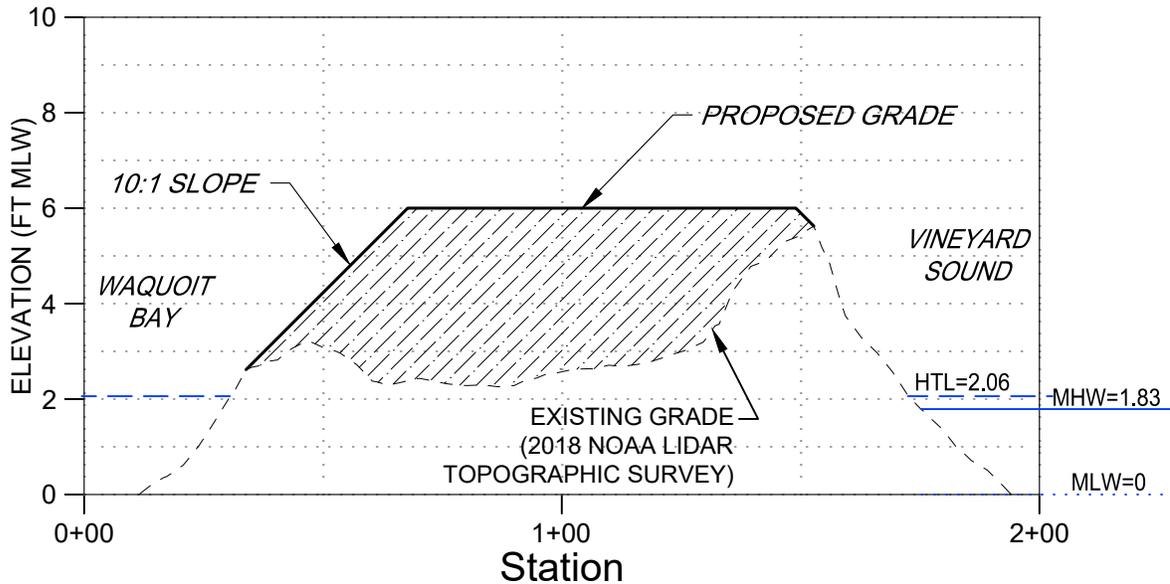
TITLE:
 Washburn Island
 Nourishment

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

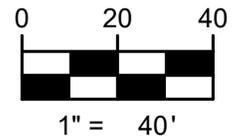
SHEET 410F 45
DATE: 01/10/2022
REVISED: 02/28/2022



A TYPICAL NOURISHMENT SECTION
 41 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=4'

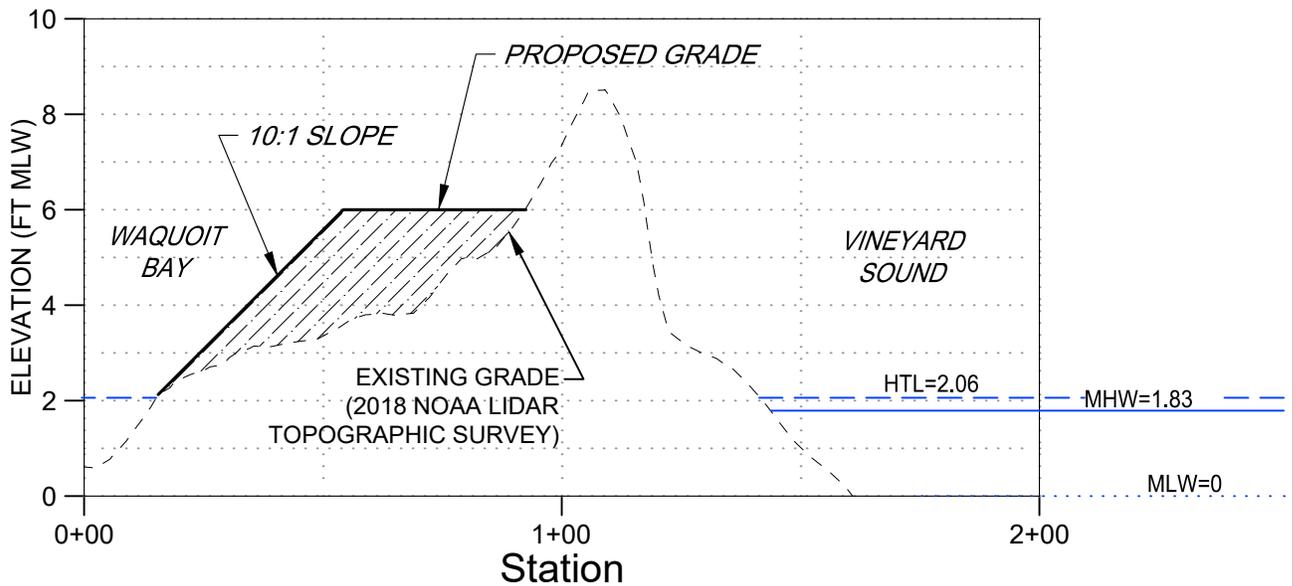


B TYPICAL NOURISHMENT SECTION
 41 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=4'



NOTE: ELEVATIONS BASED ON MLW.

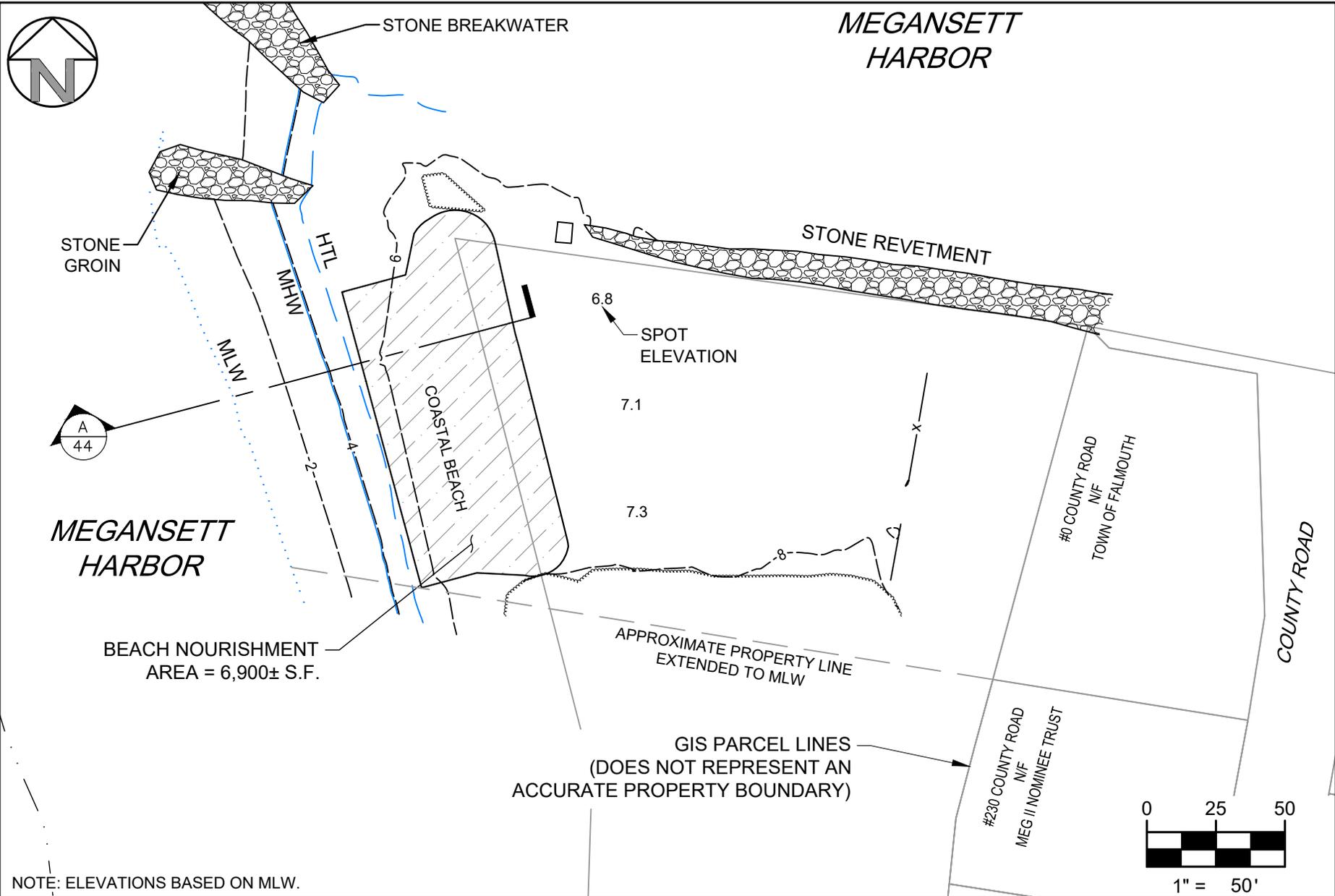
 A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Washburn Island Nourishment Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 42 OF 45
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022



C TYPICAL NOURISHMENT SECTION
 41 HORIZONTAL SCALE: 1"=40'
 VERTICAL SCALE: 1"=4'

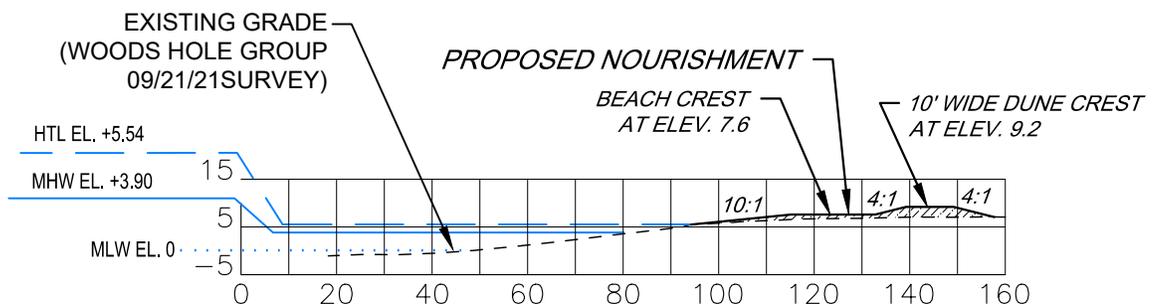
NOTE: ELEVATIONS BASED ON MLW.

 A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Washburn Island Nourishment Typical Sections	APPLICATION BY: TOWN OF FALMOUTH	SHEET 43 OF 45
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022



NOTE: ELEVATIONS BASED ON MLW.

 <p>WOODS HOLE GROUP A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001</p>	<p>TITLE: Megansett Beach Nourishment</p>	<p>APPLICATION BY: TOWN OF FALMOUTH</p>	<p>SHEET 44 OF 45</p>
		<p>TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA</p>	<p>DATE: 01/10/2022 REVISED: 02/28/2022</p>

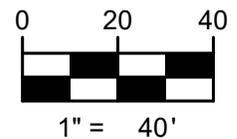


A
44

TYPICAL BEACH NOURISHMENT SECTION

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

NOTE:
ELEVATIONS BASED ON MLW.



 WOODS HOLE GROUP A CLS COMPANY 107 WATERHOUSE ROAD, BOURNE, MA 02532 TELEPHONE: (508) 540-8080 FAX: (508) 540-1001	TITLE: Megansett Beach Typical Section	APPLICATION BY: TOWN OF FALMOUTH	SHEET 45 OF 45
		TOWN: FALMOUTH COUNTY: BARNSTABLE STATE: MA	DATE: 01/10/2022 REVISED: 02/28/2022