



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

PUBLIC NOTICE

Comment Period Begins: April 19, 2016
Comment Period Ends: May 19, 2016
File Number: NAE-2011-488
In Reply Refer To: Kevin R. Kotelly, P.E.
Phone: (978) 318-8703
E-mail: kevin.r.kotelly@usace.army.mil

The District Engineer has received a permit application to conduct work in waters of the United States from the Town of Chatham, Massachusetts, 261 George Ryder Road, Chatham, Massachusetts 02633. This work is proposed in nine waterways and twenty disposal areas in the Town of Chatham, Massachusetts. The location of the Town of Chatham, Massachusetts, on the USGS Chatham quadrangle is at Latitude 41°40'55" N and Longitude 69°57'37" E.

The Town of Chatham has applied for a permit modification to a previous permit which was issued to the Town on January 31, 2014. The modification would allow expansion of the Town's dredging and disposal program into other areas that have become a priority since approval of the original project. The original permit combined seven (7) Town dredging projects and seventeen (17) disposal sites into a town-wide dredging permit for better management of the projects. The Town of Chatham is now seeking to incorporate additional sites into the town-wide permits as follows:

Dredging – two new dredging sites are proposed as follows:

- A large new zone of dredging (improvement dredging) is proposed in Pleasant Bay. Shoaling within Pleasant Bay has been an ongoing concern and the Town is proposing to incorporate improvement dredging within a new large "zone of potential dredging" located in Pleasant Bay between Minister's Point and Strong Island.
- A small maintenance dredging project has been added at Mitchell River.

Beach Nourishment - four additional disposal sites are proposed as follows:

- Scatteree Landing – expansion of existing approved beach nourishment area from 18,320 square feet (SF) to 80,995 SF for the Pleasant Bay dredging material.
- Linnell Lane – for disposal of dredged material from Town dredging projects and additional capacity for the Pleasant Bay dredging.
- Nearshore – an additional nearshore disposal site just outside the northern inlet for mechanical dredging in proximity to potential dredging locations and to provide an alternative site for hopper dredging operations if existing nearshore sites become infeasible to access due to ongoing changes in the beach and inlet morphology of the old inlet system.
- Pleasant Street (Private Beach) – for disposal of dredged material from Town dredging projects.

A complete summary of all Town dredging and disposal is listed below. The new dredging and disposal sites are listed in bold borders.

Proposed Dredge Sites

Site Name	Volume (CY)	Area (SF)	Depth (MLW)	Category
Mill Creek	16,500	55,500	-3 and -5	Maintenance
Stage Harbor (FNP)	150,000	450,000	-10	Maintenance
Barn Hill Landing	100	525	-3	Maintenance
Old Mill Boat Yard	100	2550	-3	Maintenance
Ryder's Cove	150	2350	-2	Maintenance
Aunt Lydia's Cove (FNP)	150,000	2,600,000 (Dredge Zone)	-8	Maintenance
Morris Island Cut	20,000	7,155,200 (Dredge Zone)	-4	New
Pleasant Bay Zone of Dredging	11,700	13,550,000 (Dredge Zone)	-4, -6, and -8	New
Mitchell River Dredging	500	8,450	-6	Maintenance
Total =	349,050	23,824,575		

Proposed Disposal Sites

Site Name	Category	Area (Square Feet)
Pleasant Street	Beach Nourishment	20,361
Forest Beach	Beach Nourishment	115,157
Cockle Cove Beach	Beach Nourishment	114,495
Hardings Beach	Beach Nourishment	1,196,154
Oyster Pond Beach	Beach Nourishment	14,794
Cotchpinicut Landing	Beach Nourishment	2,579
Scatterree Landing	Beach Nourishment	Total 80,995 (Increase 62,675)
Claflin Landing Beach	Beach Nourishment	164,007
Andrew Hardings Lane/ Lighthouse Beach	Beach Nourishment	489,532
Barn Hill Landing	Beach Nourishment	883
Battlefield Landing	Beach Nourishment	5,165
Strong Island	Beach Nourishment	5,433
Ryder's Cove	Beach Nourishment	1,337
Mill Creek	Beach Nourishment	30,162
Hardings Beach W	Nearshore	561,924
Hardings Beach E	Nearshore	1,219,680
Outside Bar (1987 Inlet)	Nearshore	10,018,800
Linnell Lane Beach	Beach Nourishment	41,140
Pleasant Street Private Lots	Beach Nourishment	96,450
Nearshore Disposal Site	Nearshore	274,430
Total =		14,453,478

Dredging would be performed by both mechanical and hydraulic means. The purpose of this permit review is to bring all of the Town's dredging and disposal activities under one comprehensive permit. This will give the Town the flexibility they need to dredge and nourish the highest priority areas and allow for effective and efficient use of Town resources. The permit will be valid for 10 years. The new work is shown on the attached plans entitled, "Town of Chatham Comprehensive Dredging and Disposal Project," on 17 sheets, and dated, August, 2015.

MITIGATION

The various dredging and disposal sites have been designed to avoid and minimize impacts to aquatic resources as much as possible. The proposed plan is for typical dredging and disposal of sand. No compensatory mitigation is proposed.

WATERWAY AND LOCATION OF THE PROPOSED WORK

This work is proposed in nine waterways and twenty disposal areas in the Town of Chatham, Massachusetts. The location of the Town of Chatham, Massachusetts, on the USGS Chatham quadrangle is at Latitude 41°40'55" N and Longitude 69°57'37" E.

AUTHORITY

Permits are required pursuant to:

- ☒ Section 10 of the Rivers and Harbors Act of 1899
- ☒ Section 404 of the Clean Water Act
- ☐ Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the

Administrator, U.S Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

ESSENTIAL FISH HABITAT

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

The dredging portion of this project will impact approximately 550 Acres and the beach nourishment portion of this project will impact approximately 331 Acres of Essential Fish Habitat (EFH) for various life stages of Atlantic cod (*Gadus morhua*), haddock (*Melanogrammus aeglefinus*), pollock (*Pollachius virens*), whiting (*Merluccius bilinearis*), offshore hake (*Merluccius albidus*), red hake (*Urophycis chuss*), white hake (*Urophycis tenuis*), winter flounder (*Pleuronectes americanus*), yellowtail flounder (*Pleuronectes ferruginea*), windowpane flounder (*Scopthalmus aquosus*), American plaice (*Hippoglossoides platessoides*), ocean pout (*Macrozoarces americanus*), Atlantic halibut (*Hippoglossus hippoglossus*), Atlantic sea scallop (*Placopecten magellanicus*), Atlantic sea herring (*Clupea harengus*), monkfish (*Lophius americanus*), bluefish (*Pomatomus saltatrix*), long finned squid (*Loligo pealei*), short finned squid (*Illex illecebrosus*), Atlantic butterflyfish (*Peprilus triacanthus*), Atlantic mackerel (*Scomber scombrus*), summer flounder (*Paralichthys dentatus*), scup (*Stenotomus chrysops*), black sea bass (*Centropristus striata*), spiny dogfish (*Squalus acanthias*), bluefin tuna (*Thunnus thynnus*), king mackerel (*Scomberomorus cavalla*), Spanish mackerel (*Scomberomorus maculatus*), and Cobia (*Rachycentron canadum*). Habitat at this site can be described as subtidal silt and sand. Loss of this habitat may adversely affect the species listed above. 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.

NATIONAL HISTORIC PRESERVATION ACT

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. By this Public Notice, we are requesting that the appropriate Federal Agency concur with our determination.

COASTAL ZONE MANAGEMENT

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:

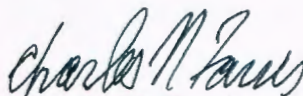
- (X) Permit, License or Assent from State.
- (X) Permit from Local Wetland Agency or Conservation Commission.
- (X) Water Quality Certification in accordance with Section 401 of the Clean Water Act.

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 Kevin Kotelly at (978) 318-8703, (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.

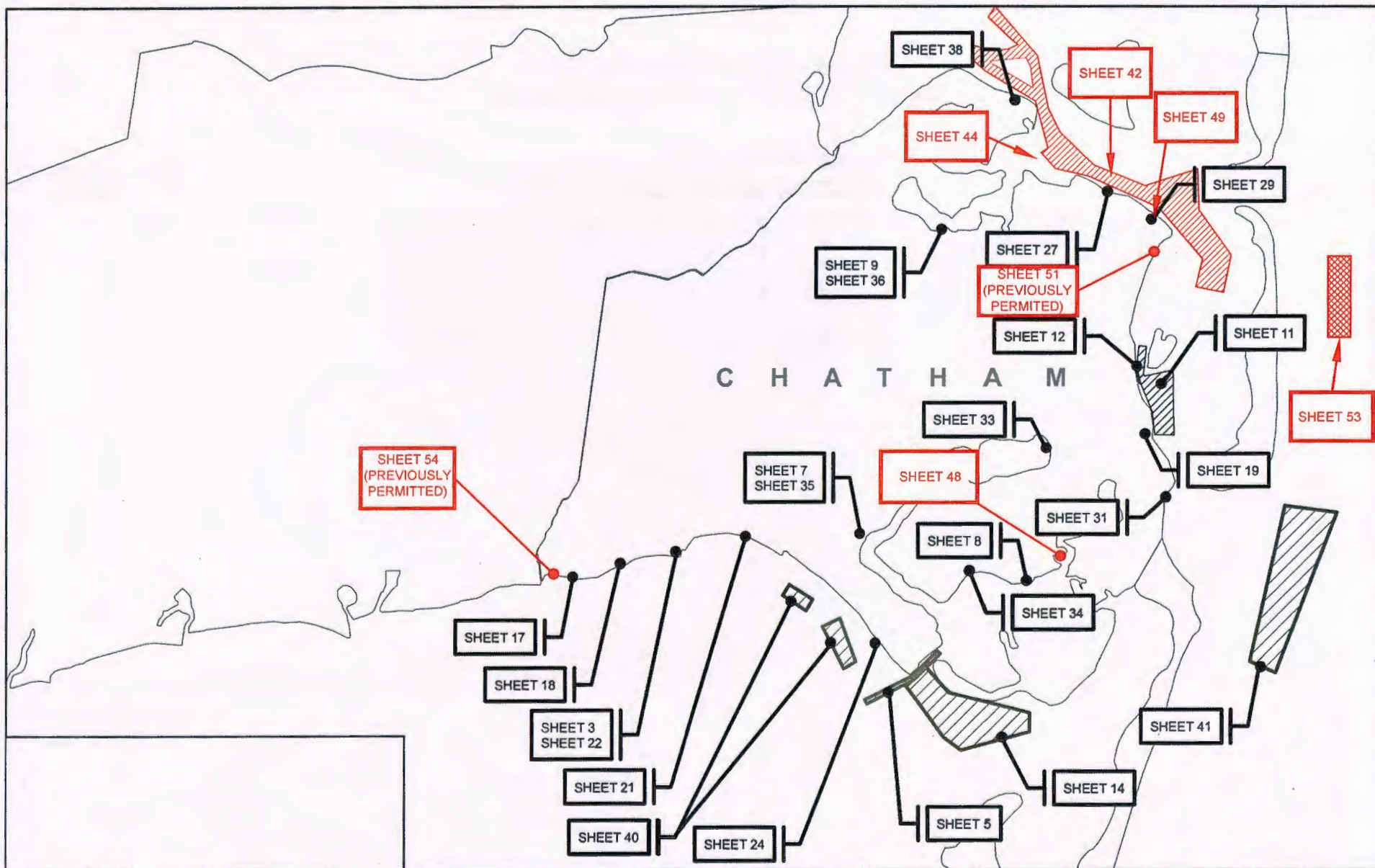
THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



Charles N. Farris
Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices by email, 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: _____
PHONE: _____



DATE: APRIL 23, 2012

LOCUS PLAN

1 inch = 5,280 feet



**TOWN OF CHATHAM COMPREHENSIVE
DREDGING & DISPOSAL PROJECT**

SHEET 1 OF 55

REVISED AUGUST 2015

IN: CHATHAM
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA

File: X:\33911-33943 Chatham Pleasant Bay\REGULATORY\USACE\080515\ SHT 2.dwg

SITE	SHT. REF.	LOCATION	CY	MAINTENANCE	
1	3	MILL CREEK	16,500	3-5,000	1-3
2	5	STAGE HARBOR	150,000	20-50,000	1-4
3	7	BARN HILL LANDING	<100	<100	3-5
4	8	OLD MILL BOAT YARD	<100	<100	3-5
5	9	RYDER'S COVE LANDING	135	<100	3-5
6	11	AUNT LYDIAS COVE	150,000	20-50,000	1-3
7	14	MORRIS ISLAND CUT	20,000	5-8,000	1-3
8	42	PLEASANT BAY	11,700	6-10,000	1
9	48	MITCHELL RIVER	500	250	3-5



CHATHAM
DREDGE SITES

BCE Bourne Consulting Engineering, PC
3 Reed Street
Franklin, MA 01902
TEL (508) 533-0000 FAX (508) 533-0000


1 Inch = 5000'

TOWN OF CHATHAM COMPREHENSIVE DREDGING & DISPOSAL PROJECT

REVISED 08/05/15

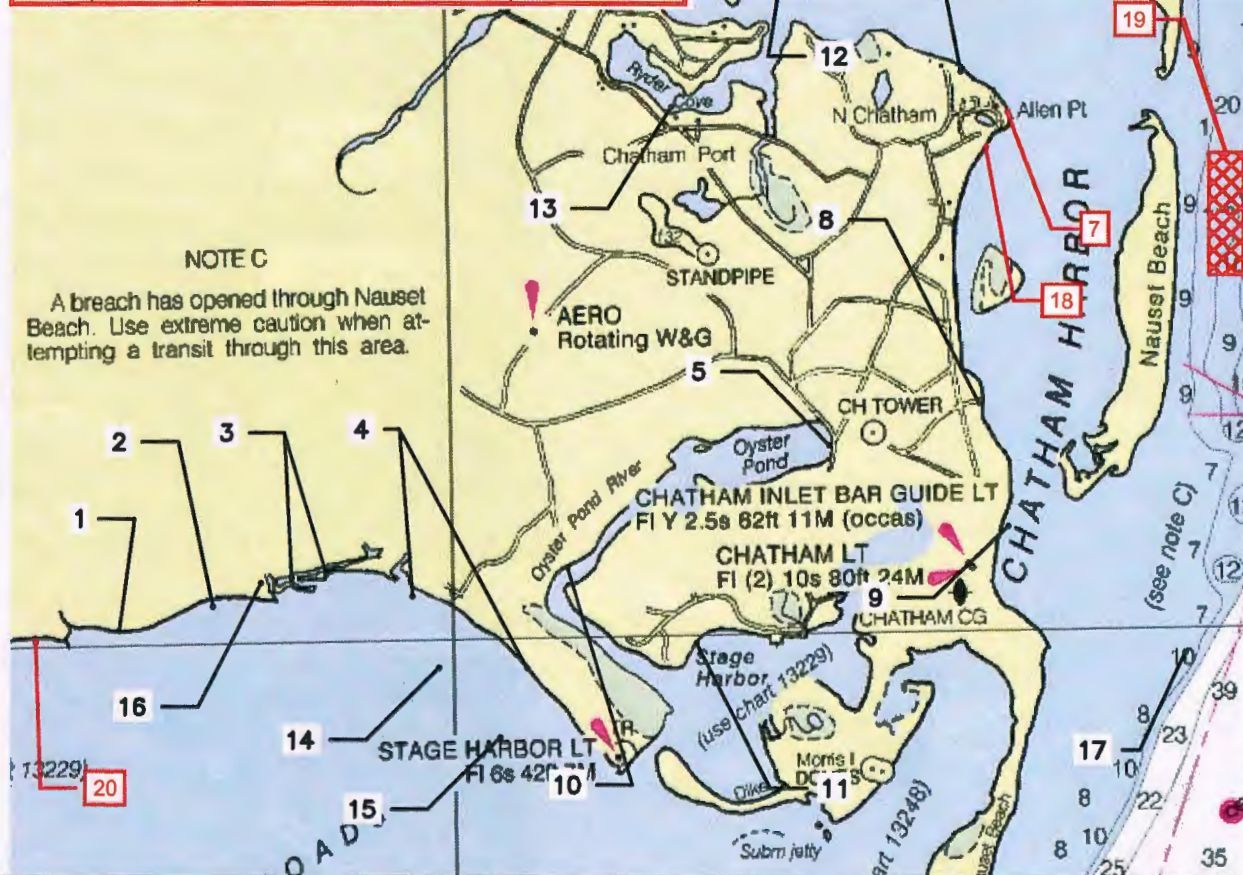
SHEET 2 OF 55

IN: CHATHAM
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA


Bourne Consulting Engineering, PC
 3 Bent Street
 Franklin, MA 01830
 TEL. (508) 639-0800 FAX. (508) 639-0800

TOWN OF CHATHAM COMPREHENSIVE
 DREDGING & DISPOSAL PROJECT
 SHEET 16 OF 55

SITE	SHEET REF.	DISPOSAL SITES	LF
18	51	LINNELL LANE	586
19	53	NEAR SHORE	NEARSHORE
20	54	PLEASANT ST HOMEOWNERS	581

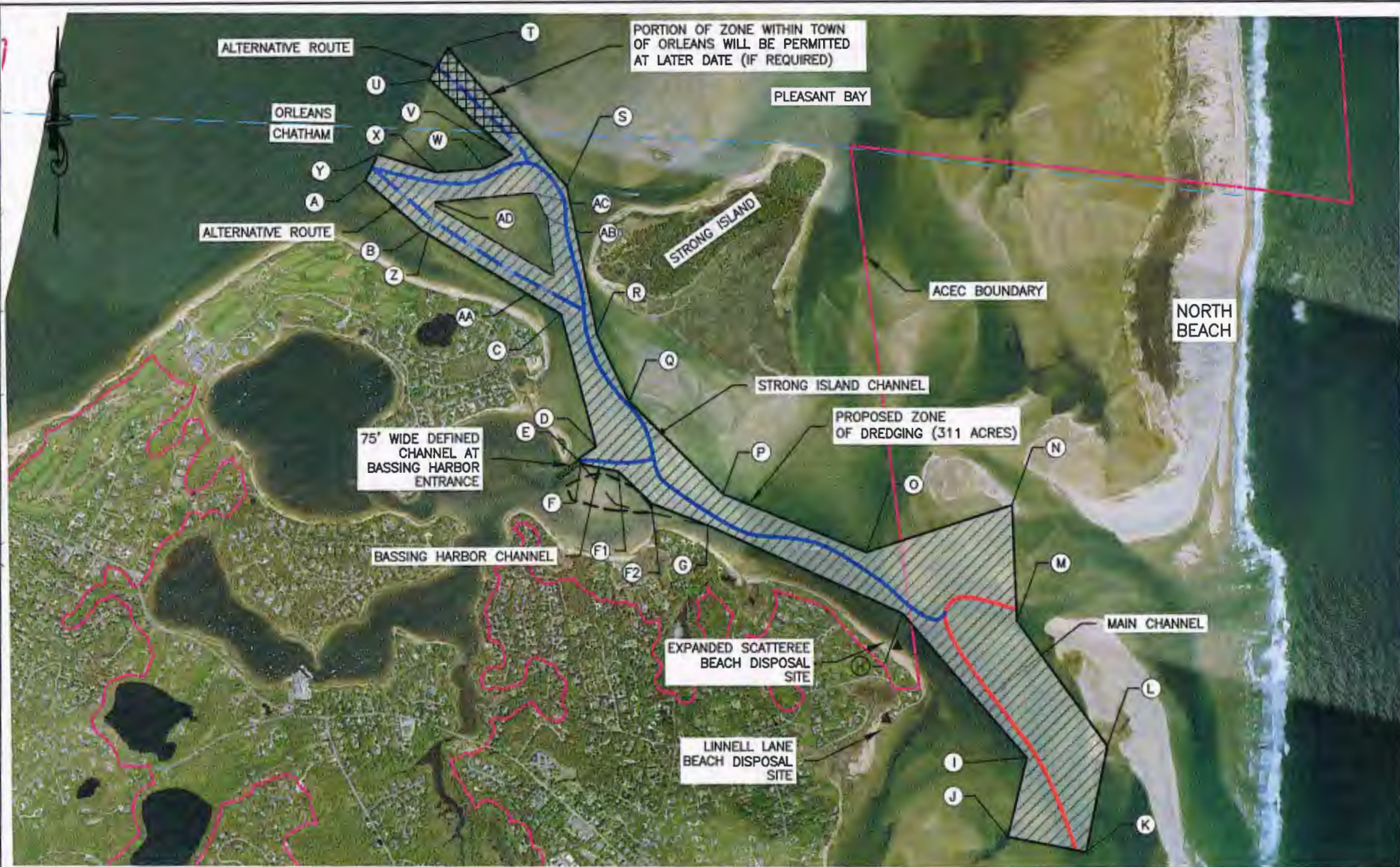


BCE *Bourne Consulting Engineering, PC*
3 Bent Street
Franklin, MA 01830
TEL. (508) 532-0000 FAX. (508) 532-0000

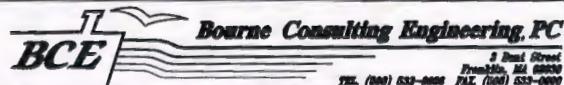
1 inch = 5000'

IN: CHATHAM
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA

File: X:\33911-33943 Chatham Pleasant Bay\REGULATORY\USACE\080515\SH 42 ZONE OF



PLEASANT BAY DREDGE
DREDGE SITE 8



1 Inch = 2000'

AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 03/12/15
REVISED: 08/05/15

TOWN OF CHATHAM COMPREHENSIVE
PLEASANT BAY ZONE OF DREDGING PLAN

SHEET 42 OF 55

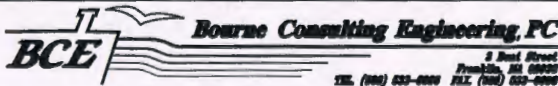
IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA

COORDINATES		
A	N	2727972.75
	E	1072766.54
B	N	2727277.68
	E	1073560.99
C	N	2726105.90
	E	1075502.73
D	N	2724280.42
	E	1075993.22
E	N	2724093.33
	E	1075733.09
F	N	2724036.56
	E	1075782.62
F1	N	2723930.70
	E	1076311.50
F2	N	2723480.55
	E	1076775.99
G	N	2723173.08
	E	1077575.16
H	N	2721943.48
	E	1080324.00
I	N	2719948.77
	E	1082041.70
J	N	2718849.41
	E	1081777.37
K	N	2718635.29
	E	1082854.29

L	N	2720107.63
	E	1083147.04
M	N	2721845.74
	E	1081903.03
N	N	2723450.96
	E	1081836.78
O	N	2722798.18
	E	1079802.91
P	N	2723609.02
	E	1077787.30
Q	N	2724896.69
	E	1076464.20
R	N	2725835.53
	E	1076008.25
S	N	2727885.56
	E	1075584.59
T	N	2729805.35
	E	1073932.69
U	N	2729379.28
	E	1073666.11
V	N	2728326.95
	E	1074814.67
W	N	2728134.72
	E	1074446.77
X	N	2728080.47
	E	1073779.66

Y	N	2728336.99
	E	1072944.60
Z	N	2727610.10
	E	1073758.16
AA	N	2726628.89
	E	1075409.11
AB	N	2727443.44
	E	1075318.90
AC	N	2727794.69
	E	1075134.98
AD	N	2727672.24
	E	1073755.73

PLEASANT BAY DREDGE
DREDGE SITE 8



1 Inch = N.T.S.

AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 03/12/15
REVISED: 08/05/15

TOWN OF CHATHAM COMPREHENSIVE
DREDGING & DISPOSAL PROJECT

SHEET 43 of 55

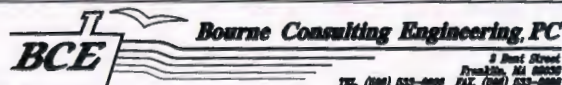
IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA

File: X:\33911-33943 Chatham Pleasant Bay\REGULATORY\USACE\080515\SH 44 BASSING H

COORDINATES		
AE	N	2724093.33
	E	1075733.09
AF	N	2723876.80
	E	1075432.03
AG	N	2723815.91
	E	1075475.63
AH	N	2724036.56
	E	1075782.62



PLEASANT BAY DREDGE
DREDGE SITE 8



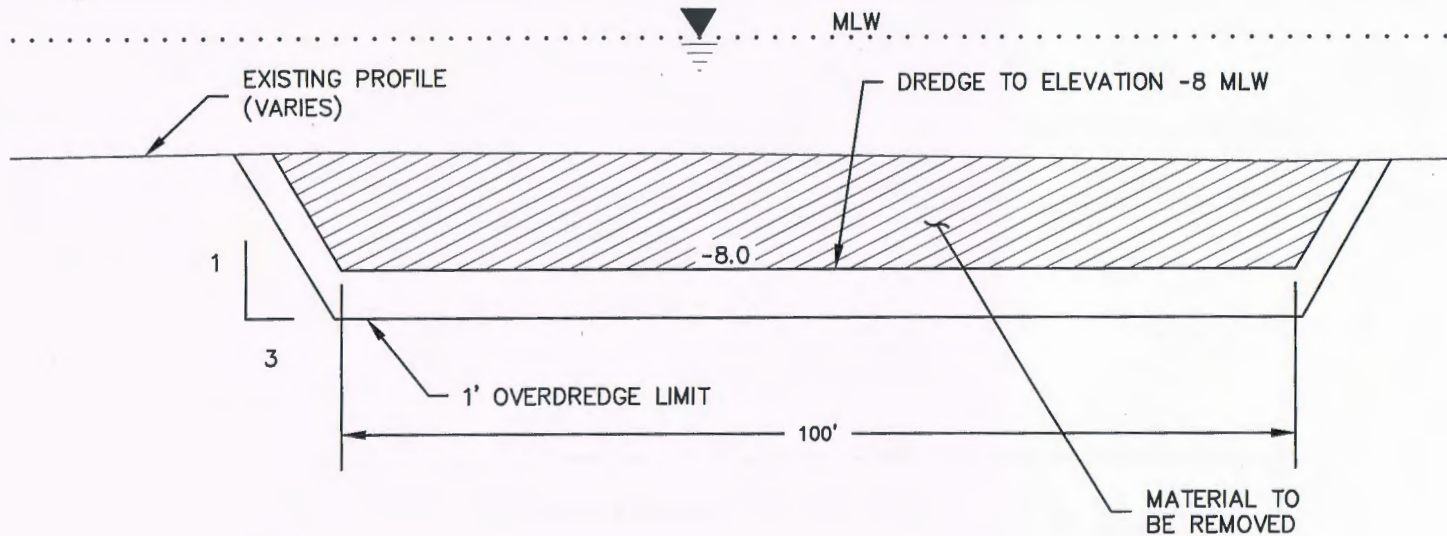
1 Inch = 500'

AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 03/12/15
REVISED: 08/05/15

TOWN OF CHATHAM COMPREHENSIVE BASSING HARBOR CHANNEL PLAN

SHEET 44 OF 55

IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA



**PLEASANT BAY
DREDGE SECTION**



1 Inch = 20'

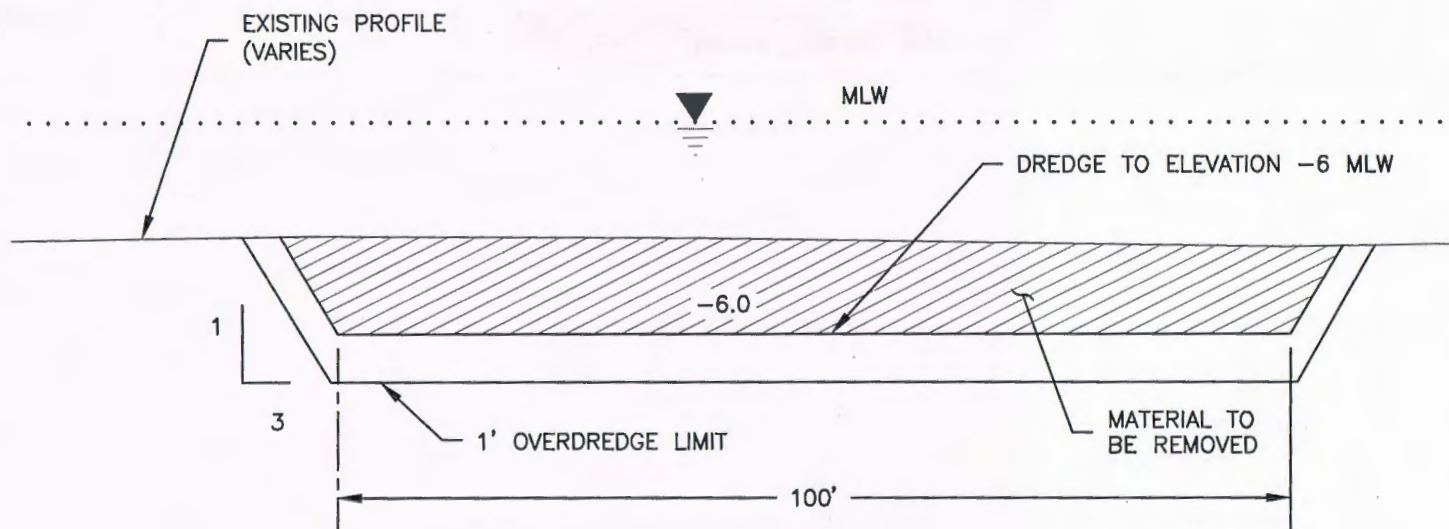
AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 03/12/15

**TOWN OF CHATHAM COMPREHENSIVE
MAIN CHANNEL SECTION**

SHEET 45 OF 55

IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA

File: X:\33911-33943 Chatham Pleasant Bay\REGULATORY\USACE\080515\SHT 45_46_47.D



**PLEASANT BAY
DREDGE SECTION**



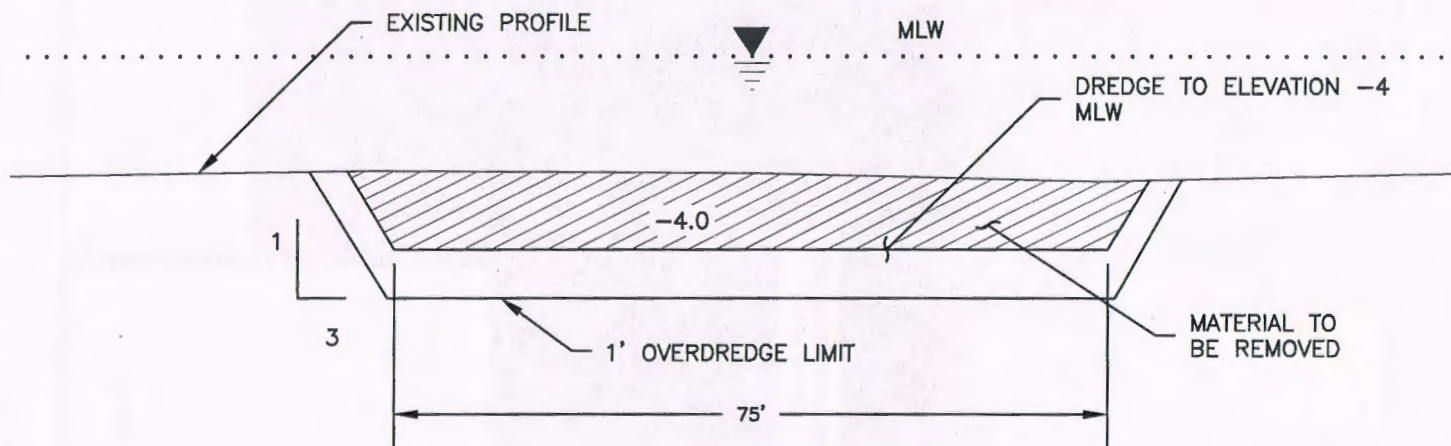
1 Inch = 20'

AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 10/27/14

**TOWN OF CHATHAM COMPREHENSIVE
STRONG ISLAND SECTION**

SHEET 46 OF 55

IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA



**PLEASANT BAY
DREDGE SECTION**



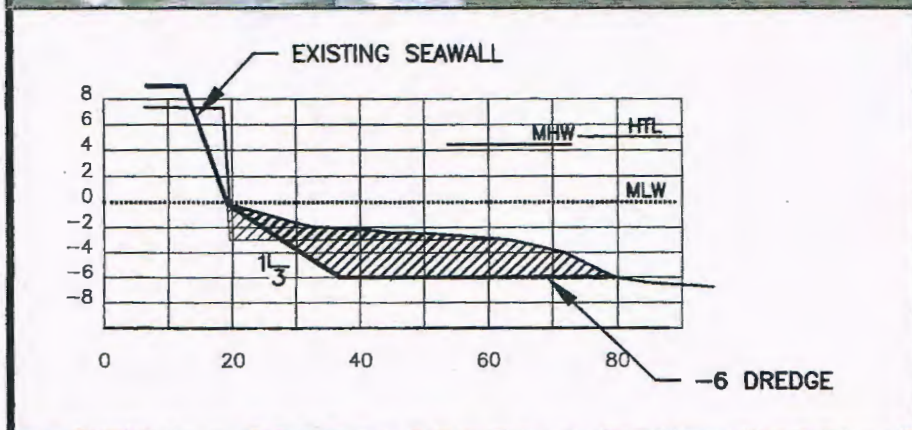
1 Inch = 20'

AHTL: +7.5
 MHW: +4.1
 MLW: 0.0
 DATE: 03/12/15

**TOWN OF CHATHAM COMPREHENSIVE
BASSING HARBOR SECTION**

SHEET 47 OF 55

IN: PLEASANT BAY
 AT: CHATHAM
 COUNTY: BARNSTABLE
 STATE: MA



MITCHELL RIVER
90 Bridge Street
Dredge Area
Dredge Site 9



Dredge Area to 6 Foot Contour

1 inch = 50 feet
 Aerial Photo: 2014

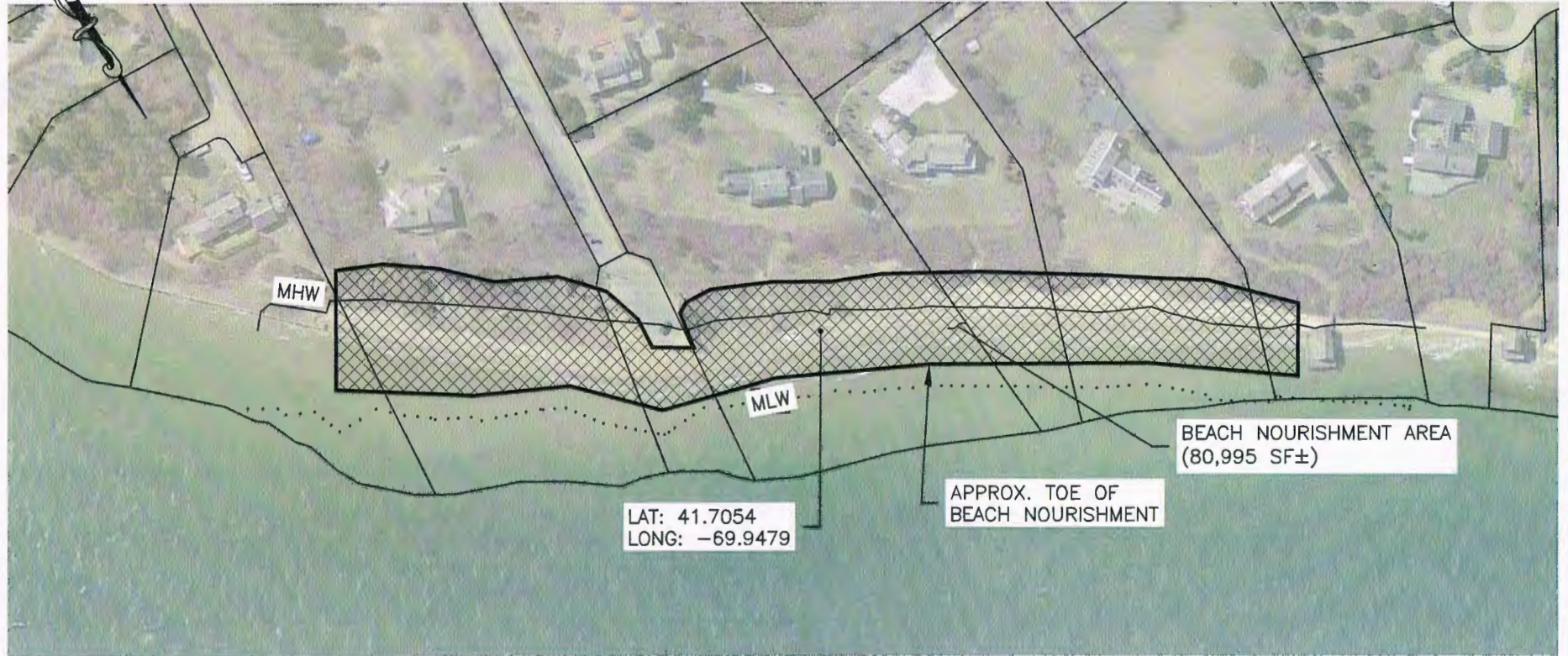
AHTL +5.0
 MHW +4.5
 MLW 0.0



REVISED: AUGUST 27, 2015

**TOWN OF CHATHAM COMPREHENSIVE
 DREDGING & DISPOSAL PROJECT
 SHEET 48 OF 55**

IN: STAGE HARBOR
 AT: CHATHAM
 COUNTY: BARNSTABLE
 STATE: MA



SCATTERREE BEACH
DISPOSAL SITE 7

AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 03/12/15

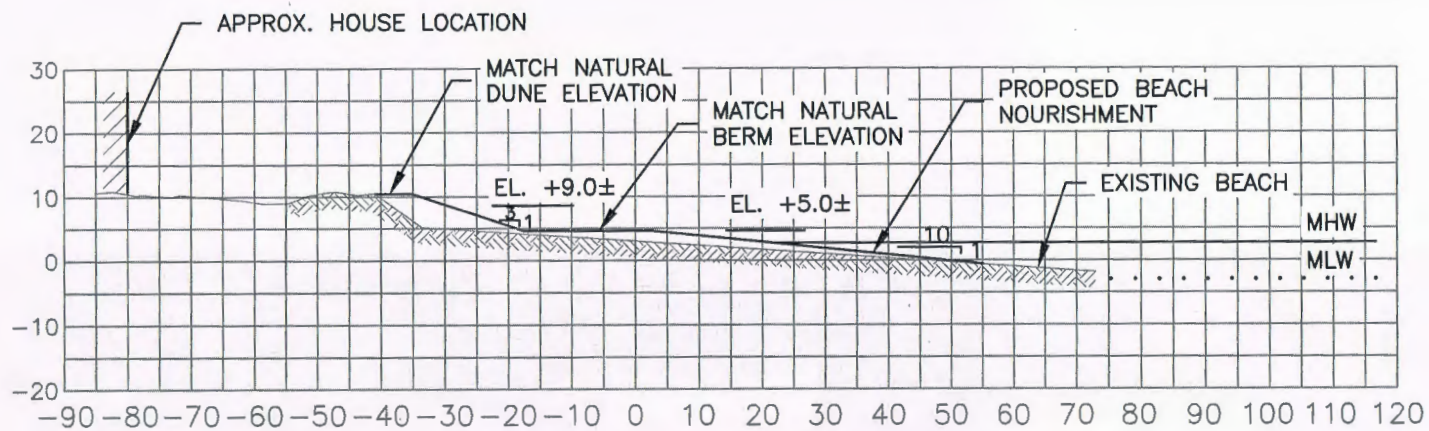


TOWN OF CHATHAM COMPREHENSIVE SCATTERREE BEACH PLAN

SHEET 49 OF 55

1 Inch = 150'

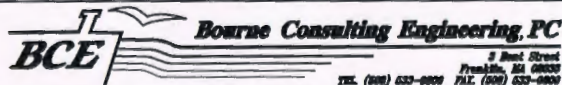
IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA



TYPICAL SECTION

SCATTERREE BEACH PROFILE

AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 03/12/15



TOWN OF CHATHAM COMPREHENSIVE SCATTERREE BEACH SECTION

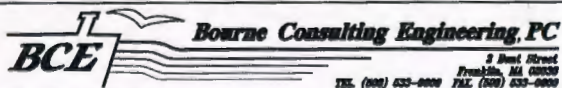
SHEET 50 OF 55

1 Inch = 30'

IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA



LINNEL LANE BEACH
DISPOSAL SITE 18



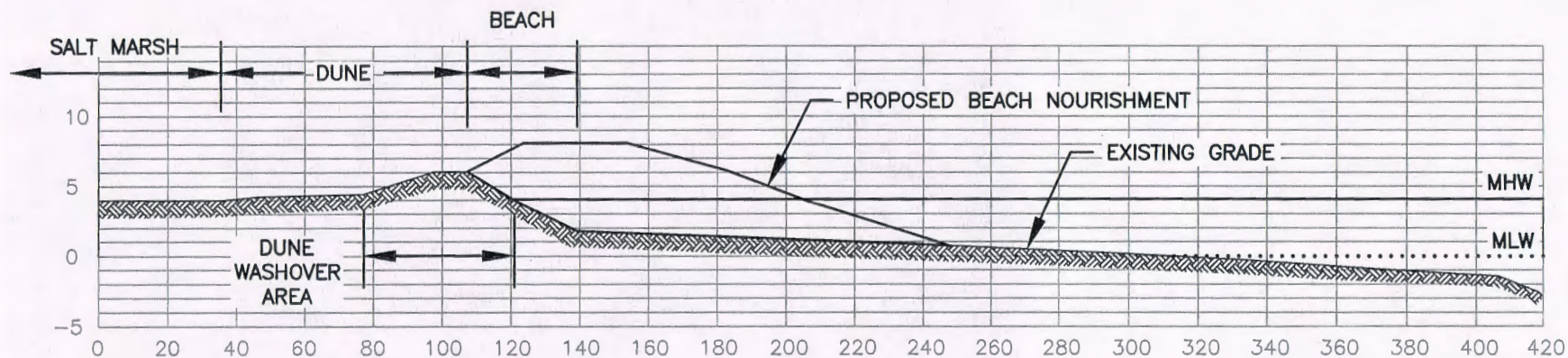
1 Inch = 150'

AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 03/12/15

TOWN OF CHATHAM COMPREHENSIVE
LINNEL LANE BEACH PLAN

SHEET 51 OF 55

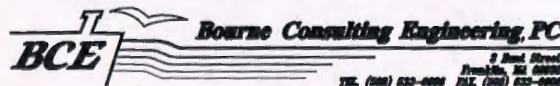
IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA



TYPICAL SECTION

LINNELL LANE BEACH PROFILE

AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 03/12/15



TOWN OF CHATHAM COMPREHENSIVE LINNELL LANE BEACH SECTION

SHEET 52 OF 55

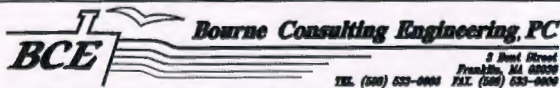
VERT. SCALE
1 Inch = 12.5'
HORIZ. SCALE
1 Inch = 50'

IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA

COORDINATES		
AI	N	2720064.98
	E	1088019.74
AJ	N	2720064.68
	E	1088889.23
AK	N	2716895.34
	E	1088889.23
AL	N	2716895.34
	E	1088019.74



NEARSHORE
DISPOSAL SITE 20



1 Inch = 2000'

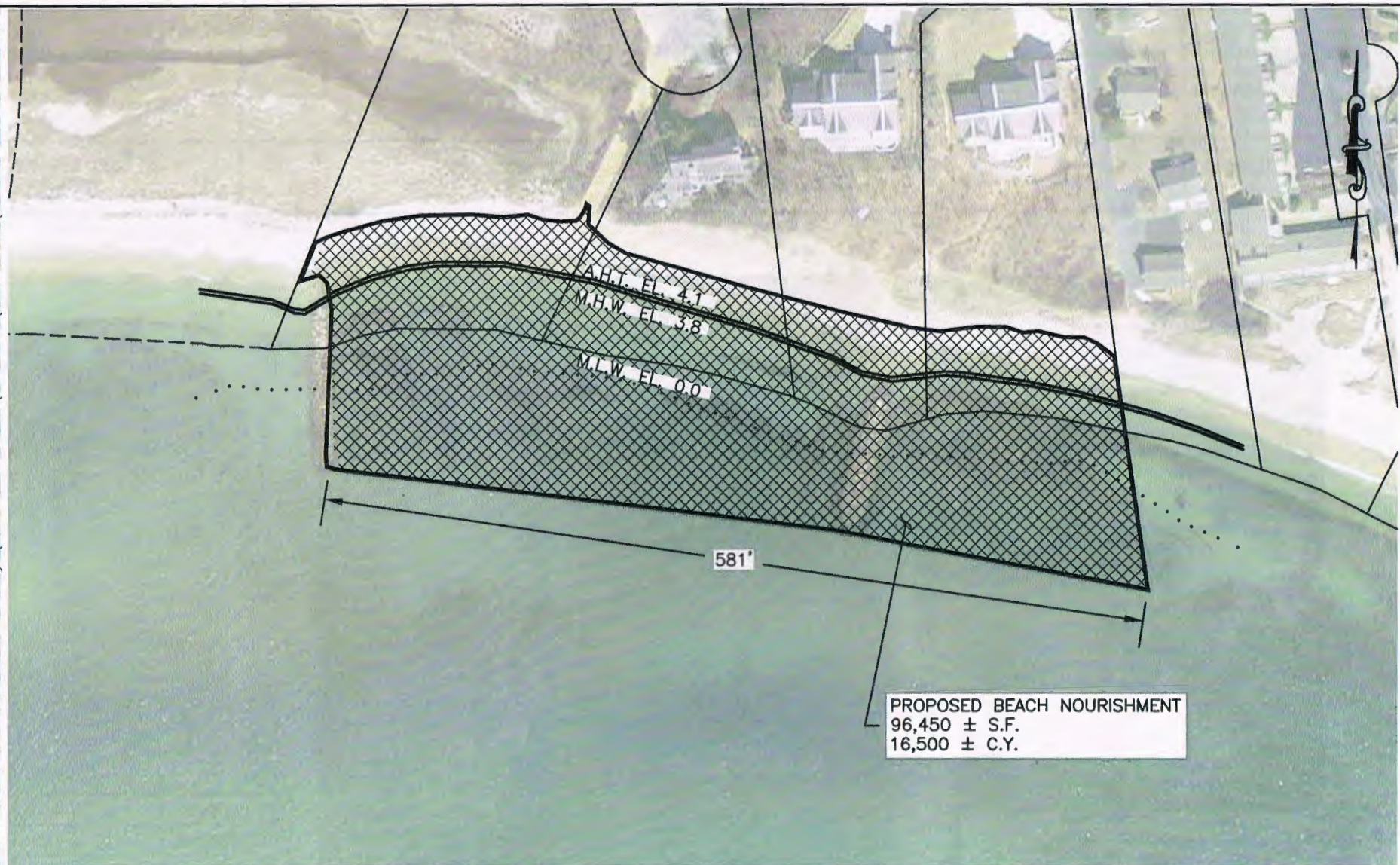
AHTL: +7.5
MHW: +4.1
MLW: 0.0
DATE: 03/12/15
REVISED: 08/05/15

TOWN OF CHATHAM COMPREHENSIVE NEARSHORE DISPOSAL

SHEET 53 OF 55

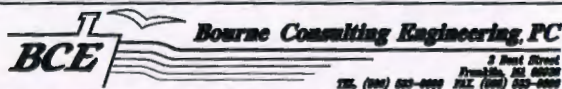
IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA

File: X:\33911-33943 Chatham Pleasant Bay\REGULATORY\USACE\080515\SHI 54_55 SFA



RENOURISHMENT SITE

AHTL: +4.1
 MHW: +3.8
 MLW: 0.0
 DATE: 04/02/15



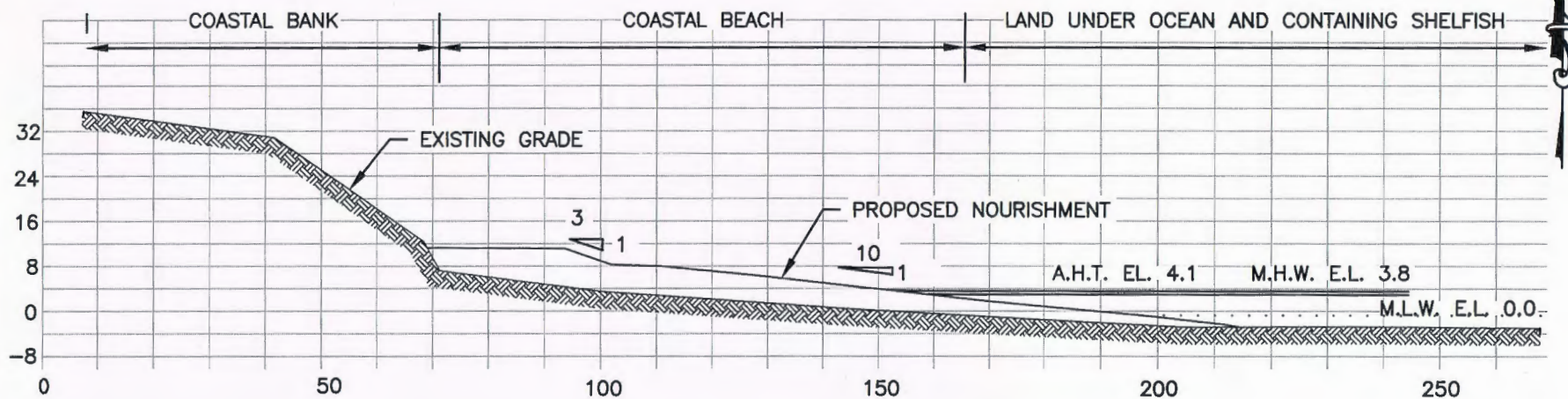
**BEACH RENOURISHMENT
 PLEASANT STREET PRIVATE LOTS**

SHEET 54 OF 55

1 Inch = 100'

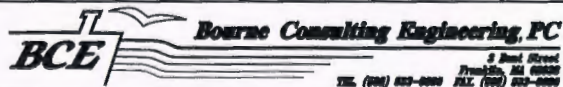
IN: PLEASANT BAY
 AT: CHATHAM
 COUNTY: BARNSTABLE
 STATE: MA

File: X:\33911-33943 Chatham Pleasant Bay\REGULATORY\USACE\080515\ SHT 54. 55 SEA



TYPICAL SECTION

RENOURISHMENT SITE



1 Inch = 30'

AHTL: +4.1
MHW: +3.8
MLW: 0.0
DATE: 04/02/15

BEACH RENOURISHMENT
PLEASANT STREET PRIVATE LOTS

SHEET 55 OF 55

IN: PLEASANT BAY
AT: CHATHAM
COUNTY: BARNSTABLE
STATE: MA