



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

PUBLIC NOTICE

Comment Period Begins: January 5, 2016
Comment Period Ends: February 4, 2016
File Number: NAE-2010-01184
In Reply Refer To: Dan Vasconcelos
Phone: (978) 318-8653
E-mail: daniel.b.vasconcelos@usace.army.mil

The District Engineer has received a permit application to conduct work in waters of the United States from the Massachusetts Department of Transportation – Highway Division (MassDOT), 10 Park Plaza, Boston, Massachusetts 02116. This work is proposed in the Cohasset Narrows adjacent to the William H. Dalton Memorial Bridge, Cranberry Highway (US-6/SR-28), Bourne and Wareham, Massachusetts. The site coordinates are: Latitude 41°44'50.064"N, Longitude 70°37'15.85"W.

The work involves dredging 1,341 cubic yards of material over a 33,791 square-foot area across four (4) separate locations within the Cohasset Narrows, adjacent to the new William H. Dalton Memorial Bridge in Bourne and Wareham, Massachusetts. MassDOT is proposing to dredge these locations in order to remove accumulated sediment that may have resulted from contractor means and methods used during construction of the new bridge, and return these areas to their pre-bridge construction conditions. The table below summarizes the proposed dredging:

Proposed Dredge Locations

Location	Area (SF)	Volume (CY)
NW Quadrant	5,878	38
NE Quadrant	5,701	148
SW Quadrant	9,347	647
SE Quadrant	12,865	508
Total	33,791	1,341

Dredging would be performed by an excavator with a hydraulic clamshell bucket, supported on a work platform consisting of sectional floats pinned together. Sediment would be dewatered on a scow barge supported by spud piles, and then transferred to an upland disposal site. All dredging work would be conducted behind a silt boom and curtain.

The work is shown on the attached plans entitled "WILLIAM H. DALTON MEMORIAL BRIDGE, BOURNE/WAREHAM, MASSACHUSETTS, BARNSTABLE/PLYMOUTH COUNTIES, WAREHAM WORK AREAS BELOW MHW, COHASSET NARROWS – MILE POINT 1.1" on 10 sheets, and dated "DEC. 2015".

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.

ESSENTIAL FISH HABITAT

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

This project will impact approximately 0.8 acres of Essential Fish Habitat (EFH) for the species and life stages listed below. This habitat consists primarily of sandy substrate. Loss of this habitat may adversely affect the following species and life stages:

Species	Eggs	Larvae	Juveniles	Adults
Albacore tuna (<i>Thunnus alalunga</i>)			X	X
American plaice (<i>Hippoglossoides platessoides</i>)	X	X	X	X
Atlantic butterfish (<i>Peprilus triacanthus</i>)	X		X	X
Atlantic cod (<i>Gadus morhua</i>)	X	X	X	X
Atlantic halibut (<i>Hippoglossus hippoglossus</i>)	X	X	X	X
Atlantic mackerel (<i>Scomber scombrus</i>)	X		X	X
Atlantic sea herring (<i>Clupea harengus</i>)		X	X	X
Atlantic sea scallop (<i>Placopecten magellanicus</i>)	X	X	X	X
Atlantic wolffish (<i>Anarhichas lupus</i>)	X	X	X	X

Black sea bass (<i>Centropristes striata</i>)	X	X	X	X
Bluefin tuna (<i>Thunnus thynnus</i>)			X	X
Bluefish (<i>Pomatomus saltatrix</i>)			X	X
Haddock (<i>Melanogrammus aeglefinus</i>)	X	X		
Little skate (<i>Leucoraja erinacea</i>)			X	X
Longfin squid (<i>Loligo pealeii</i>)			X	X
Monkfish (<i>Lophius americanus</i>)	X	X		
Ocean pout (<i>Macrozoarces americanus</i>)	X	X	X	X
Pollock (<i>Pollachius virens</i>)		X	X	X
Red hake (<i>Urophycis chuss</i>)	X	X	X	X
Scup (<i>Stenotomus chrysops</i>)				X
Shortfin squid (<i>Illex illecebrosus</i>)			X	X
Surf clam (<i>Spisula solidissima</i>)			X	X
Tilefish (<i>Lopholatilus chamaeleonticeps</i>)				X
White hake (<i>Urophycis tenuis</i>)	X	X	X	X
Whiting (<i>Merluccius bilinearis</i>)	X	X	X	X
Windowpane flounder (<i>Scophthalmus aquosus</i>)	X	X	X	X
Winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
Winter skate (<i>Leucoraja ocellata</i>)			X	X
Witch flounder (<i>Glyptocephalus cynoglossus</i>)	X	X		
Yellowfin tuna (<i>Thunnus albacares</i>)			X	X
Yellowtail flounder (<i>Pleuronectes ferruginea</i>)	X	X	X	X

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 Dan Vasconcelos at (978) 318-8653, (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.



Alan R. Anacheka-Nasemann, PWS
Chief, Permits and Enforcement Branch
Regulatory Division

CENAE-R

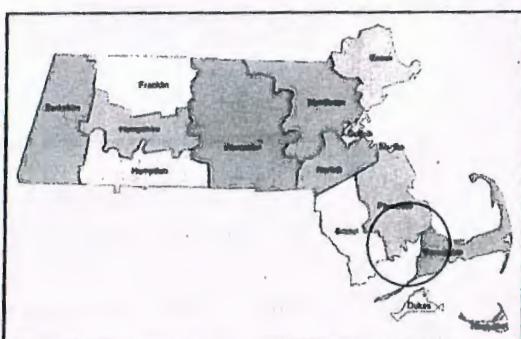
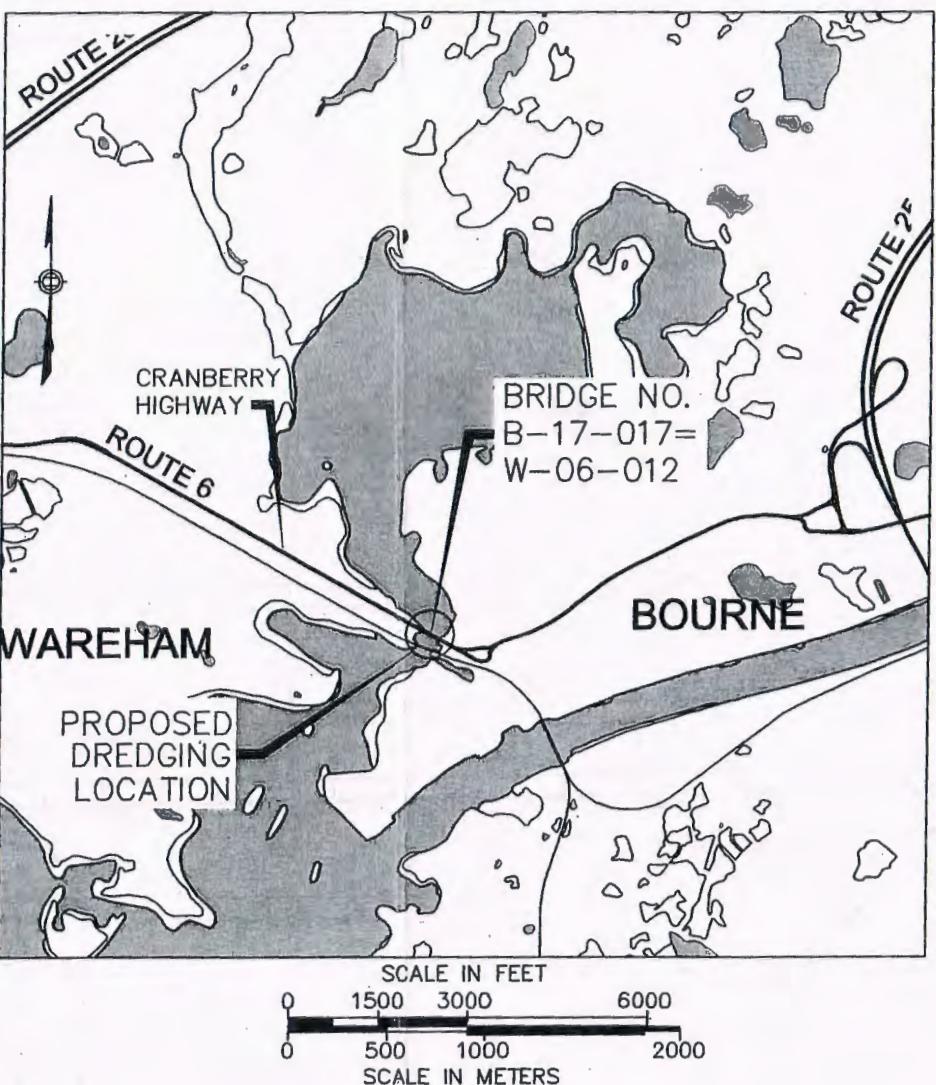
FILE NO. NAE-2010-01184

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: _____

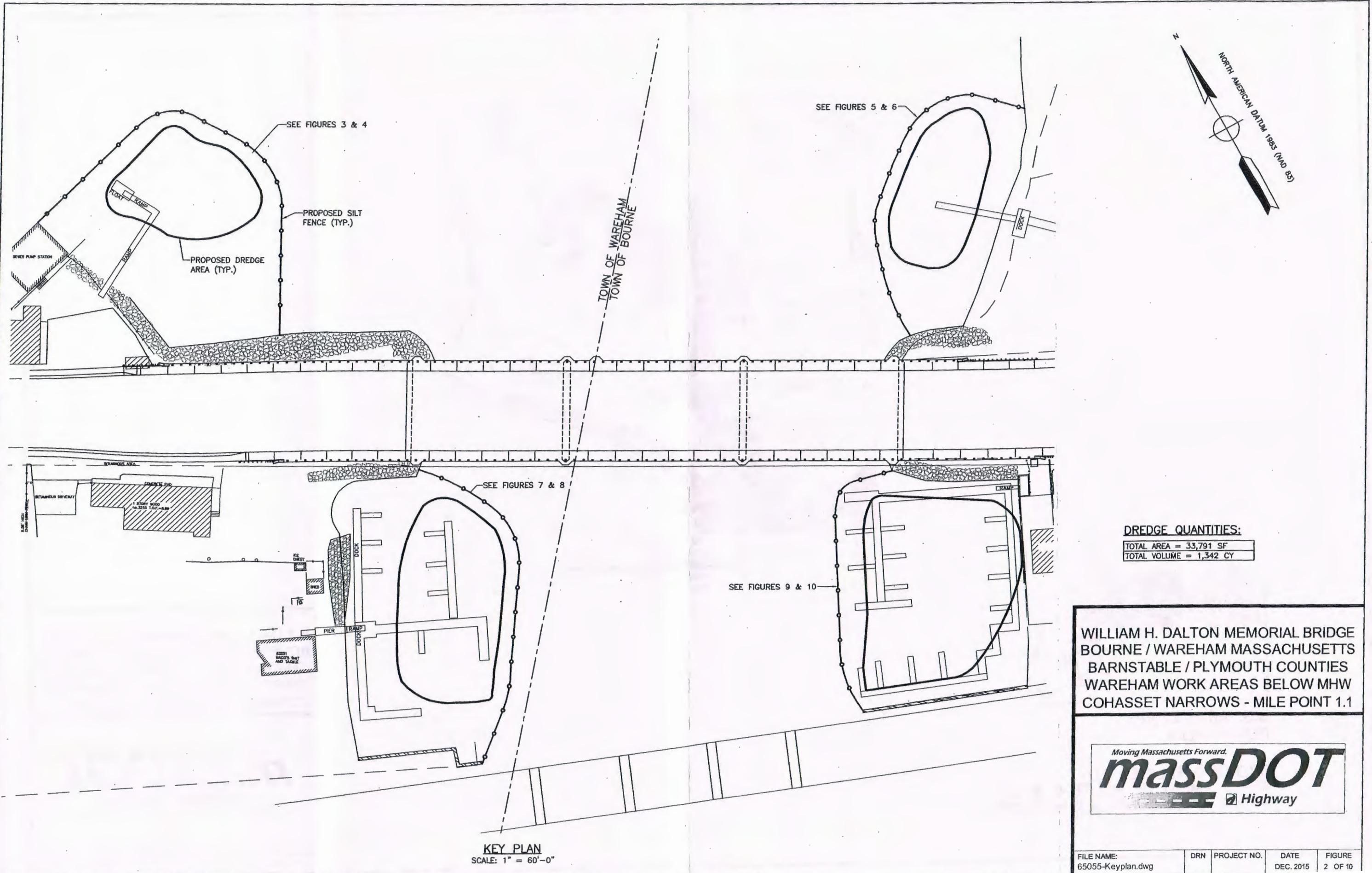


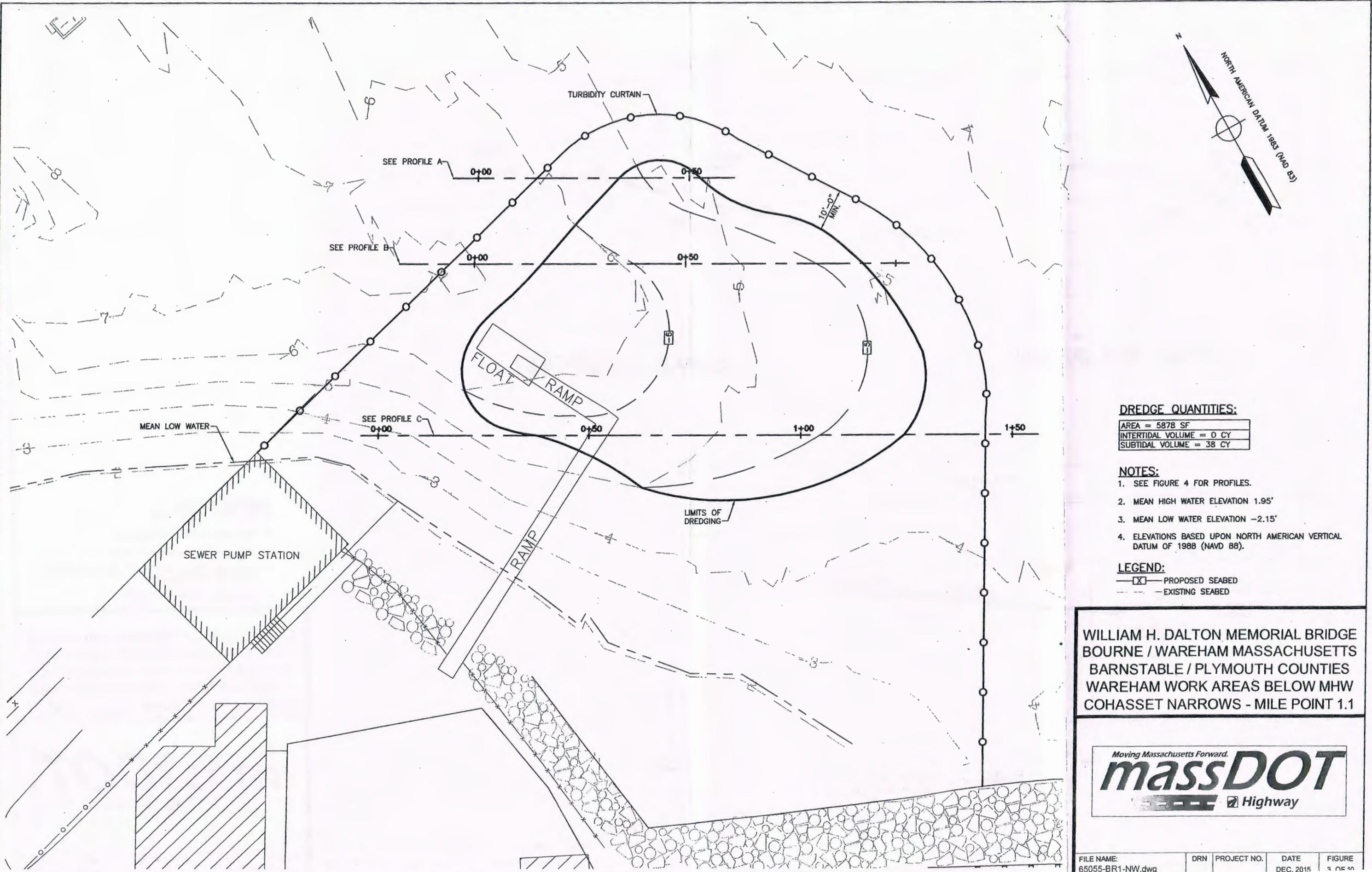
**U.S. ARMY CORPS
PERMIT PLAN**

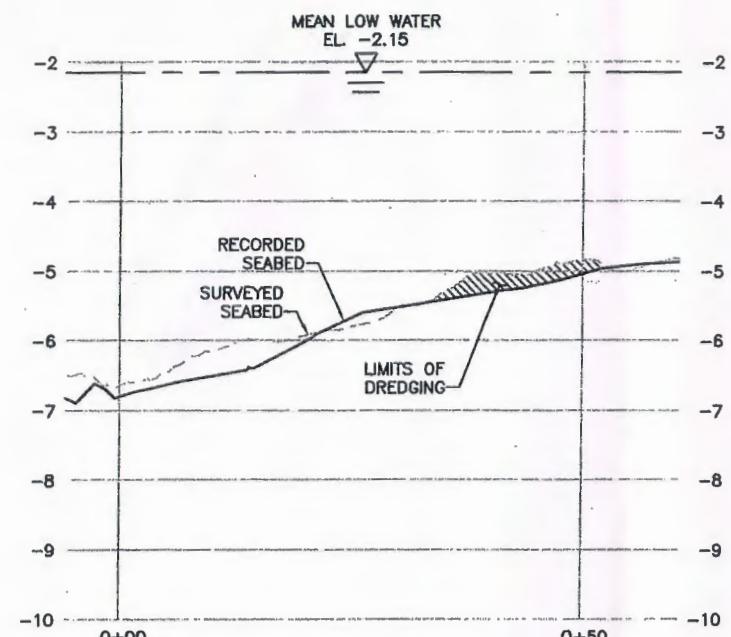
**DREDGING RELATED TO
REPLACEMENT OF ROUTE 6 & 28
BRIDGE OVER COHASSET NARROWS**

**WILLIAM H. DALTON MEMORIAL BRIDGE
BOURNE / WAREHAM MASSACHUSETTS
BARNSTABLE / PLYMOUTH COUNTIES
WAREHAM WORK AREAS BELOW MHW
COHASSET NARROWS - MILE POINT 1.1**

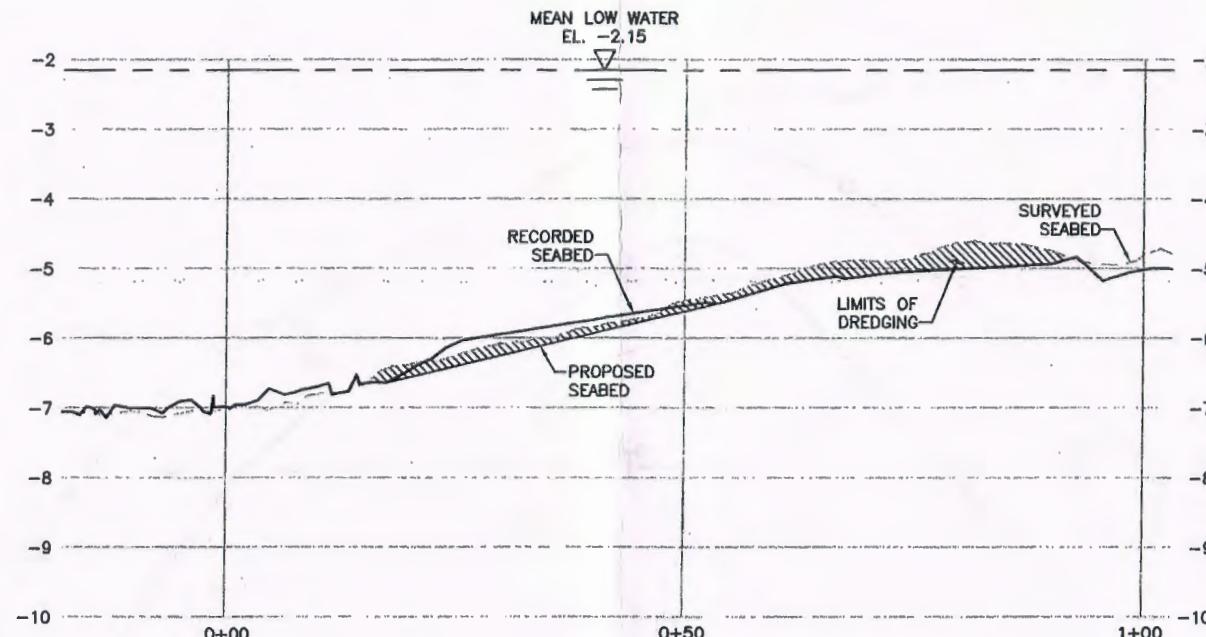




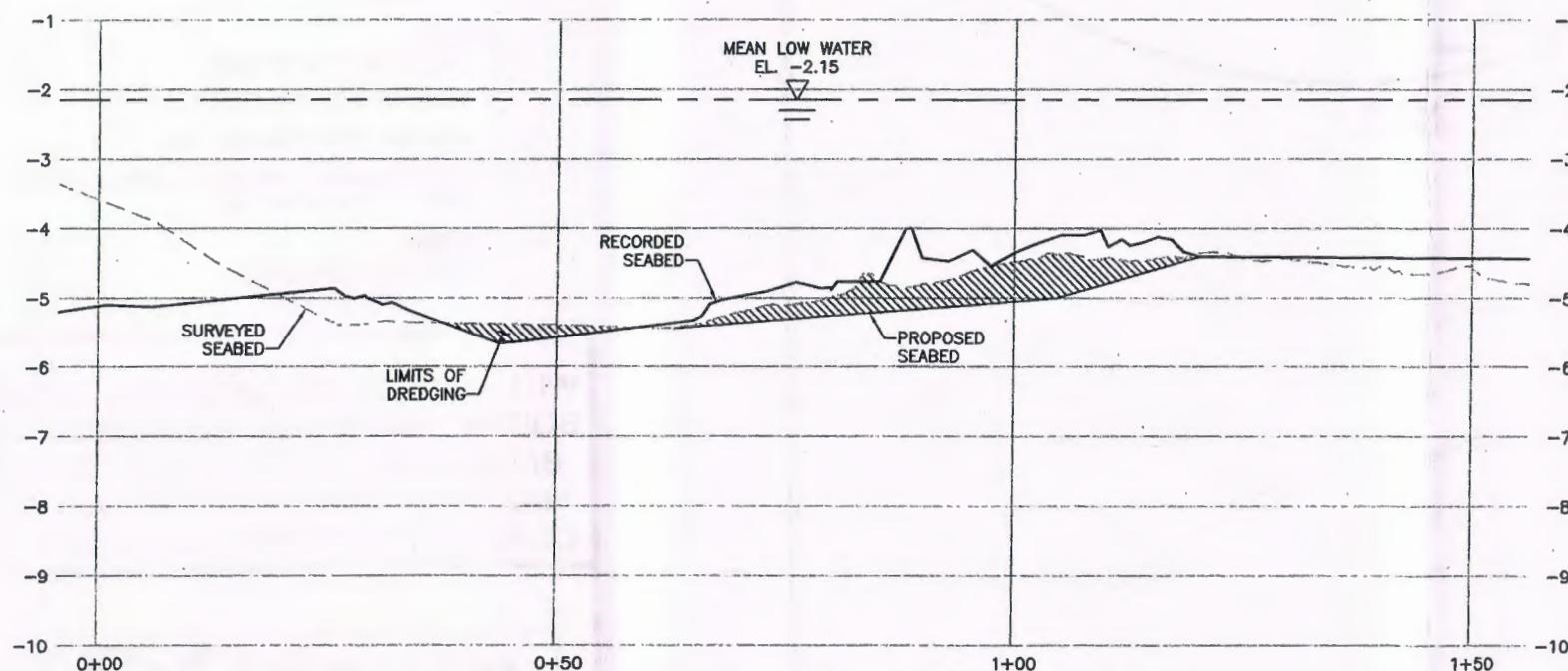




PROFILE A
SCALE: 1" = 20'-0"
INTERTIDAL AREA = 0.00 SF
SUBTIDAL AREA = 3.80 SF



PROFILE B
SCALE: 1" = 20'-0"
INTERTIDAL AREA = 0.00 SF
SUBTIDAL AREA = 13.32 SF



PROFILE C
SCALE: 1" = 20'-0"
INTERTIDAL AREA = 0.00 SF
SUBTIDAL AREA = 21.44 SF

PROFILE NOTES:

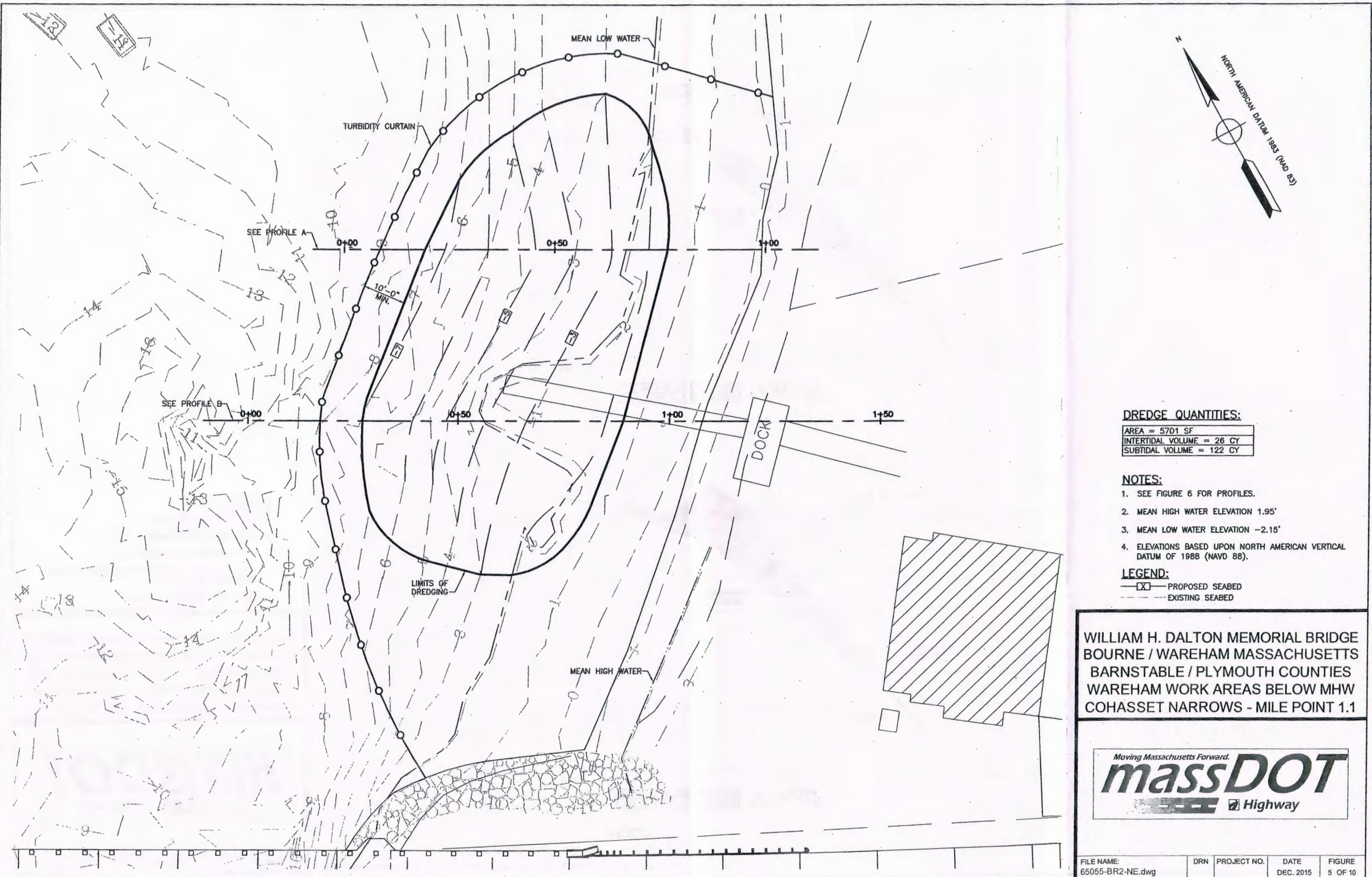
1. SEE FIGURE 3 FOR PLAN.
2. MEAN HIGH WATER ELEVATION 1.95'
3. MEAN LOW WATER ELEVATION -2.15'
4. ELEVATIONS BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
5. DOCKS NOT SHOWN FOR CLARITY.

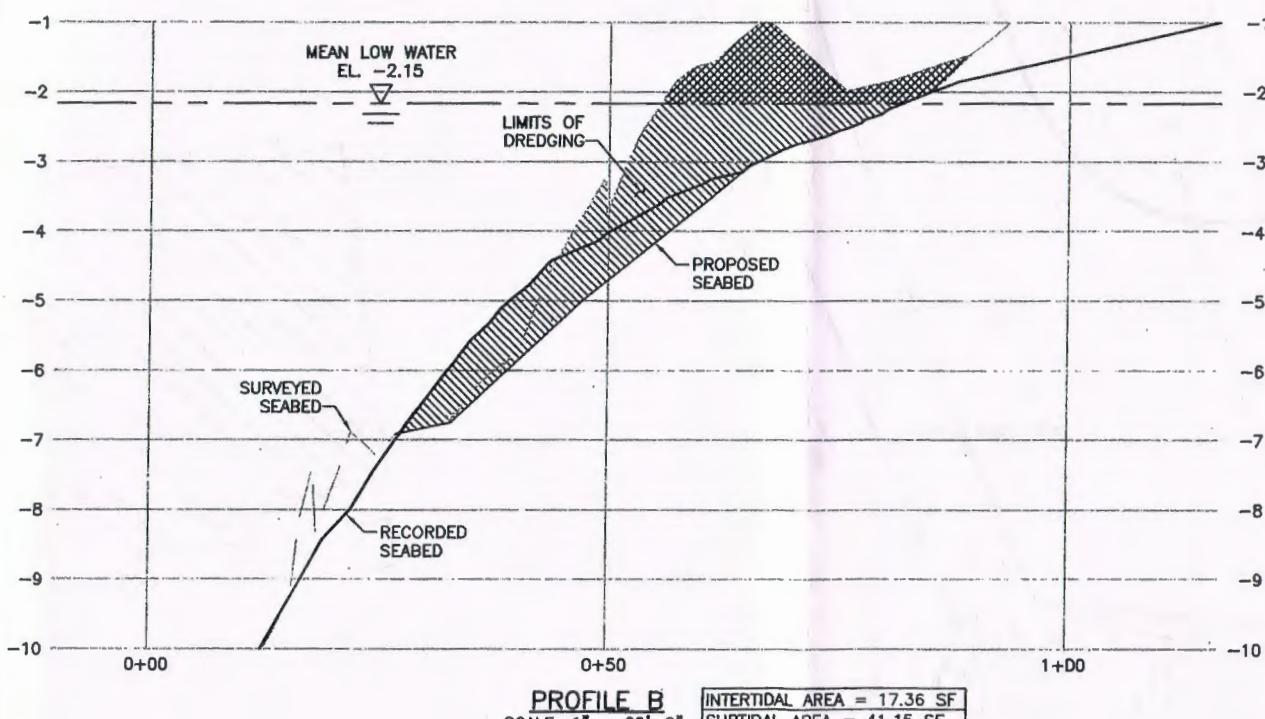
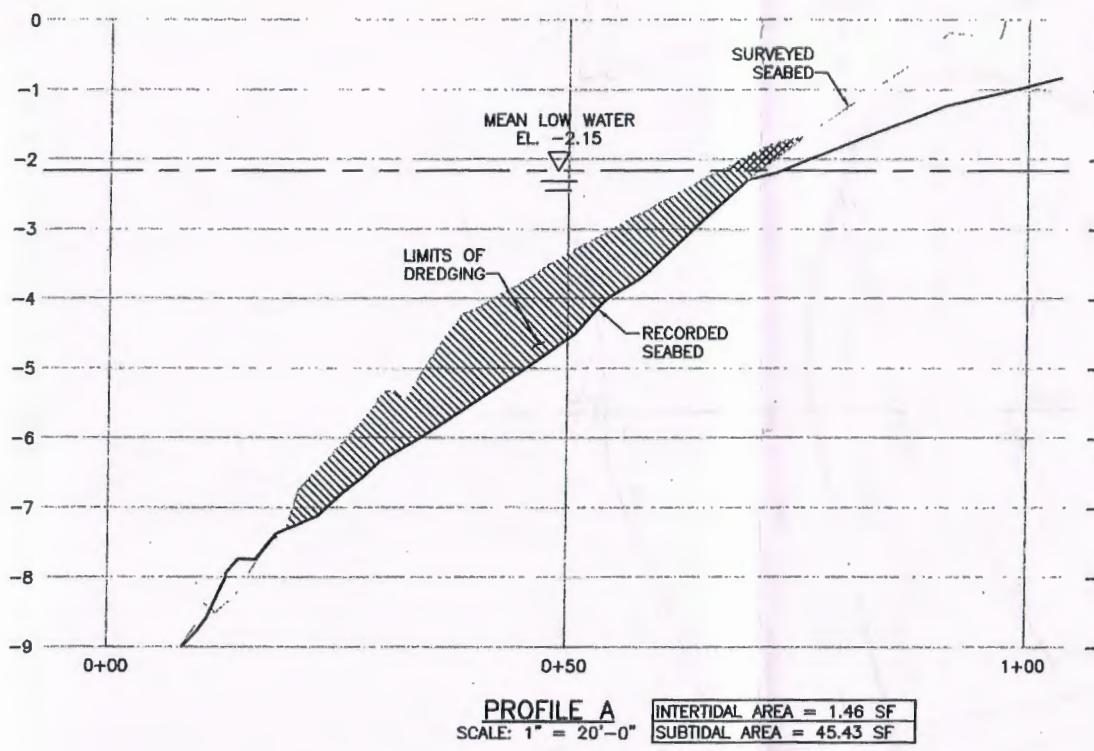
WILLIAM H. DALTON MEMORIAL BRIDGE
BOURNE / WAREHAM MASSACHUSETTS
BARNSTABLE / PLYMOUTH COUNTIES
WAREHAM WORK AREAS BELOW MHW
COHASSET NARROWS - MILE POINT 1.1



LEGEND:

- JANUARY - MAY 2015 SEABED SURVEY
- COMPILED HISTORIC SEABED FROM 2003 - 2010 SURVEY RECORDS





LEGEND:

— — — JANUARY - MAY 2015 SEABED SURVEY

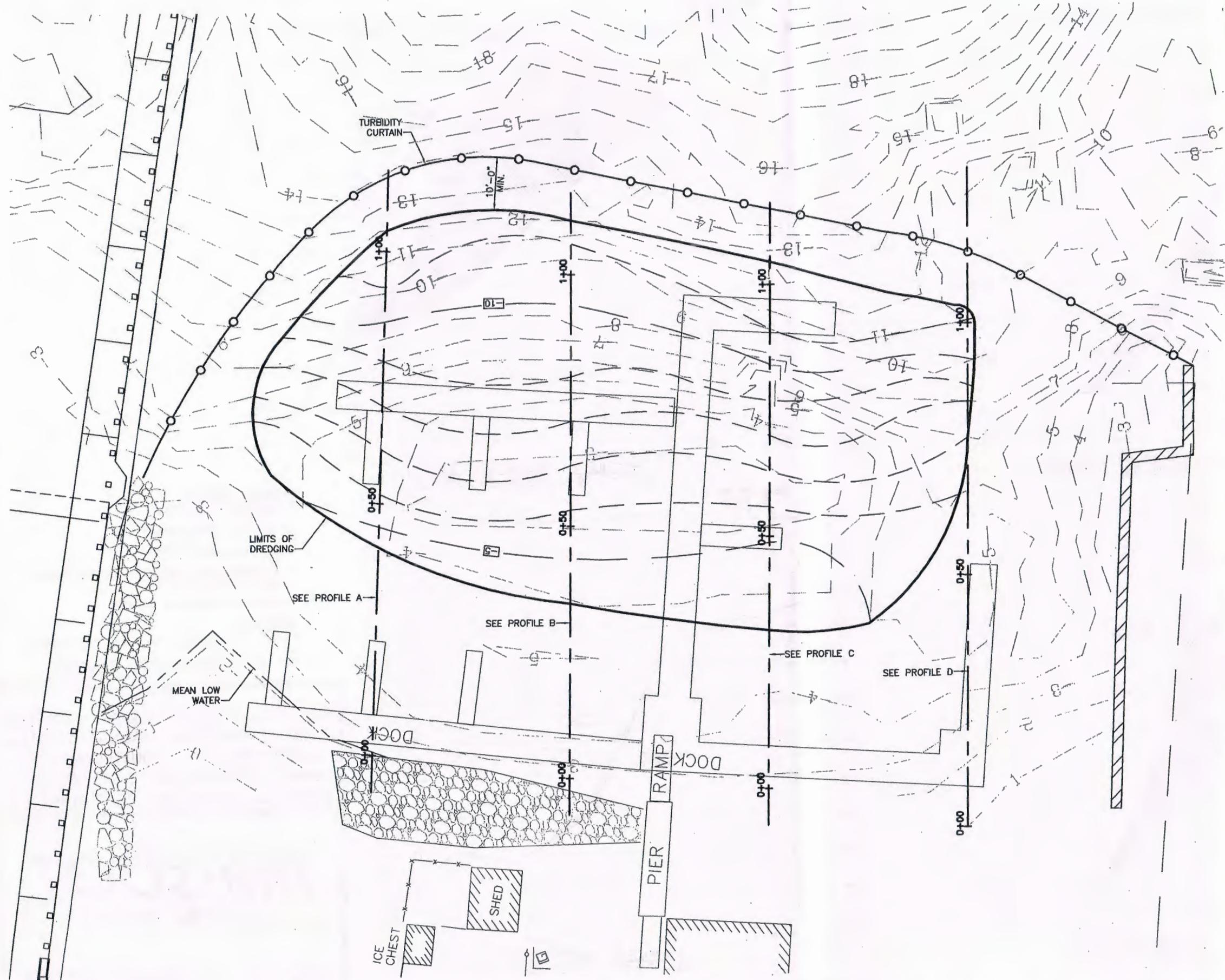
— — — COMPILED HISTORIC SEABED FROM 2003 - 2010 SURVEY RECORDS

PROFILE NOTES:

1. SEE FIGURE 5 FOR PLAN.
2. MEAN HIGH WATER ELEVATION 1.95'
3. MEAN LOW WATER ELEVATION -2.15'
4. ELEVATIONS BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
5. DOCKS NOT SHOWN FOR CLARITY.

WILLIAM H. DALTON MEMORIAL BRIDGE
BOURNE / WAREHAM MASSACHUSETTS
BARNSTABLE / PLYMOUTH COUNTIES
WAREHAM WORK AREAS BELOW MHW
COHASSET NARROWS - MILE POINT 1.1





NORTH AMERICAN DATUM 1983 (NAD 83)

DREDGE QUANTITIES:

AREA = 9347 SF
INTERTIDAL VOLUME = 0 CY
SUBTIDAL VOLUME = 647 CY

NOTES:

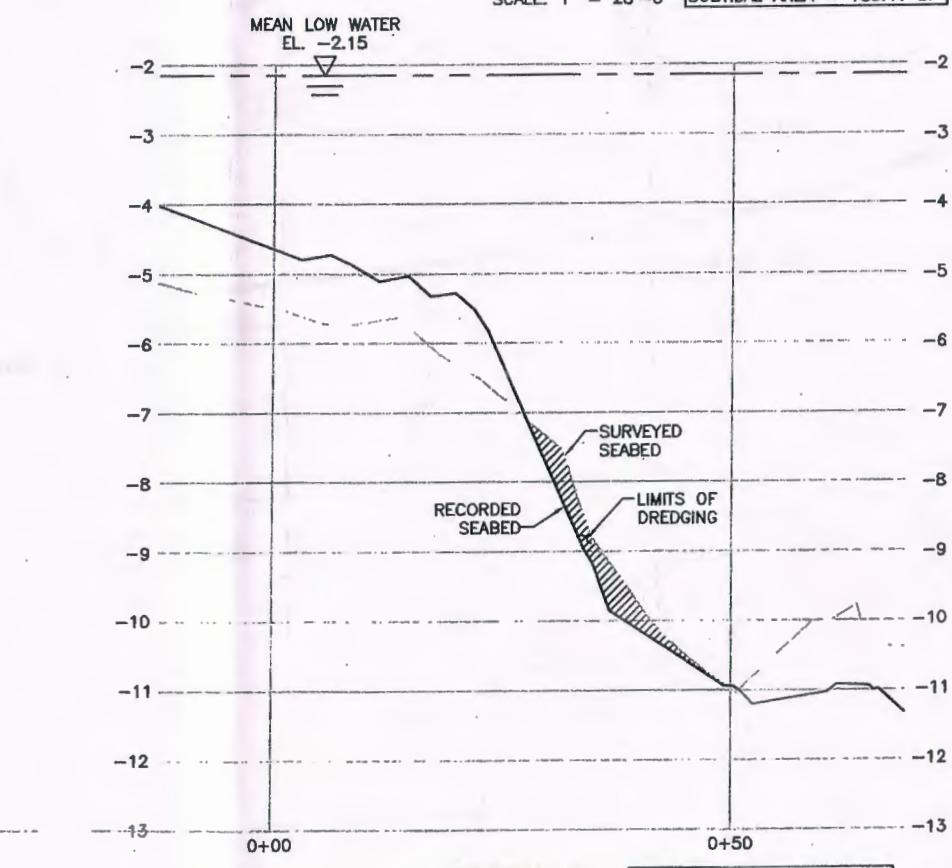
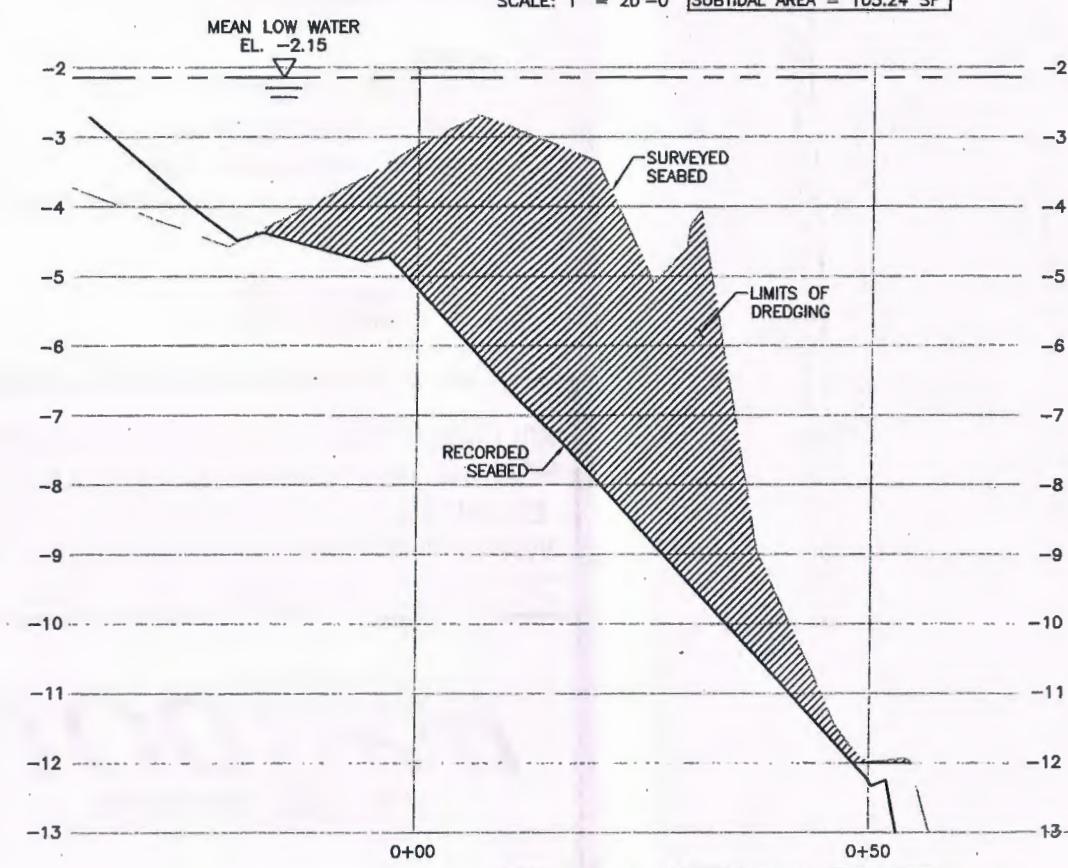
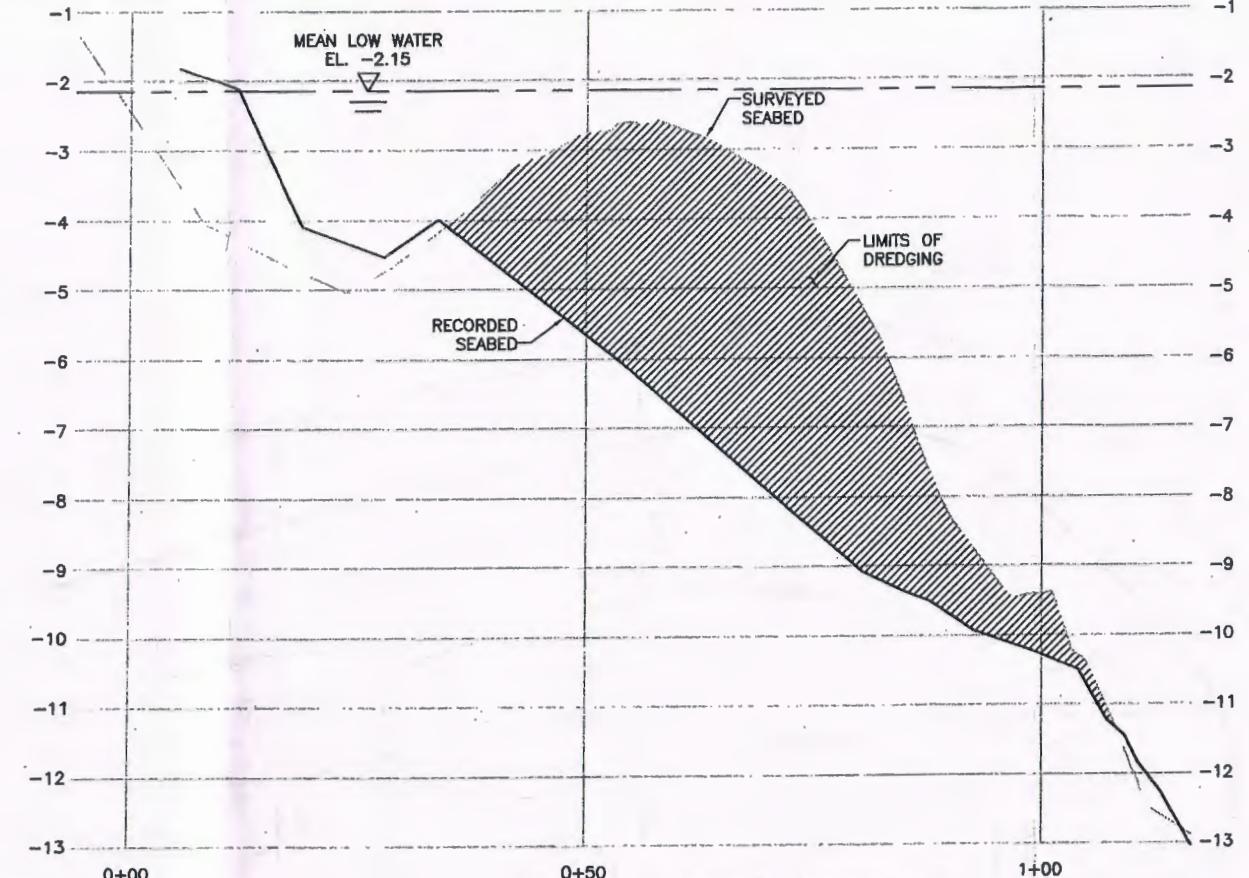
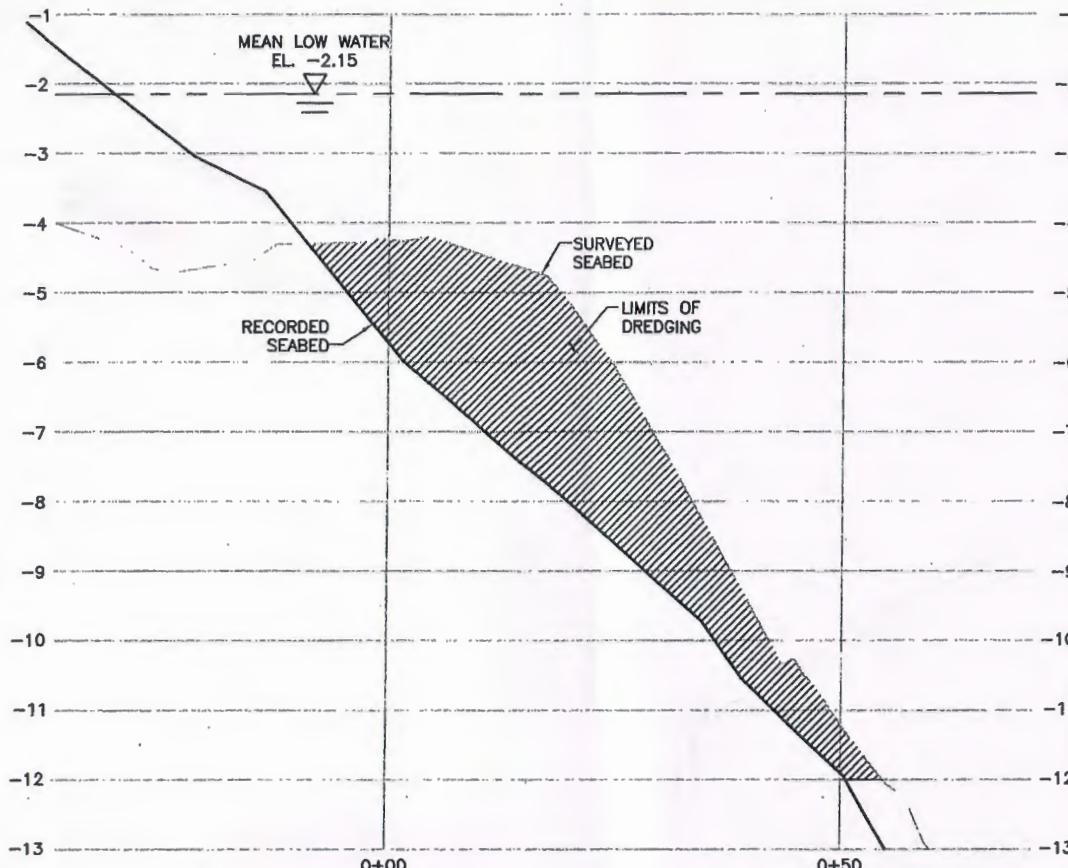
1. SEE FIGURE 8 FOR PROFILES.
2. MEAN HIGH WATER ELEVATION 1.95'
3. MEAN LOW WATER ELEVATION -2.15'
4. ELEVATIONS BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

LEGEND:

PROPOSED SEABED
 Dashed line EXISTING SEABED

WILLIAM H. DALTON MEMORIAL BRIDGE
 BOURNE / WAREHAM MASSACHUSETTS
 BARNSTABLE / PLYMOUTH COUNTIES
 WAREHAM WORK AREAS BELOW MHW
 COHASSET NARROWS - MILE POINT 1.1





PROFILE NOTES:

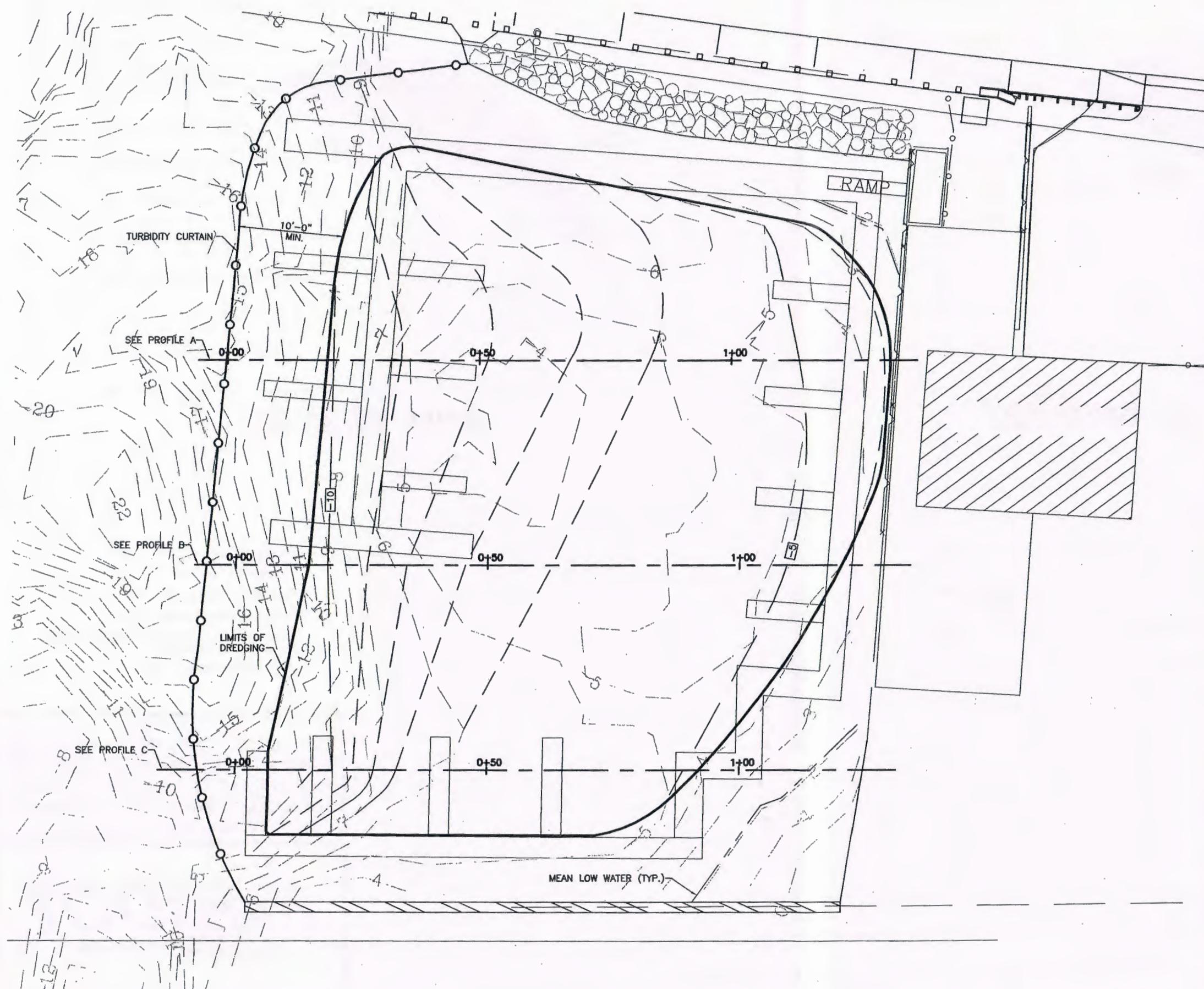
1. SEE FIGURE 7 FOR PLAN.
2. MEAN HIGH WATER ELEVATION 1.95'
3. MEAN LOW WATER ELEVATION -2.15'
4. ELEVATIONS BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
5. DOCKS NOT SHOWN FOR CLARITY.

LEGEND:

- JANUARY – MAY 2015 SEALED SURVEY
- COMPILED HISTORIC SEALED FROM 2003 – 2010 SURVEY RECORDS

WILLIAM H. DALTON MEMORIAL BRIDGE
BOURNE / WAREHAM MASSACHUSETTS
BARNSTABLE / PLYMOUTH COUNTIES
WAREHAM WORK AREAS BELOW MHW
COHASSET NARROWS - MILE POINT 1.1





DREDGE QUANTITIES:

AREA = 12865 SF
INTERTIDAL VOLUME = 0 CY
SUBTIDAL VOLUME = 508 CY

NOTES:

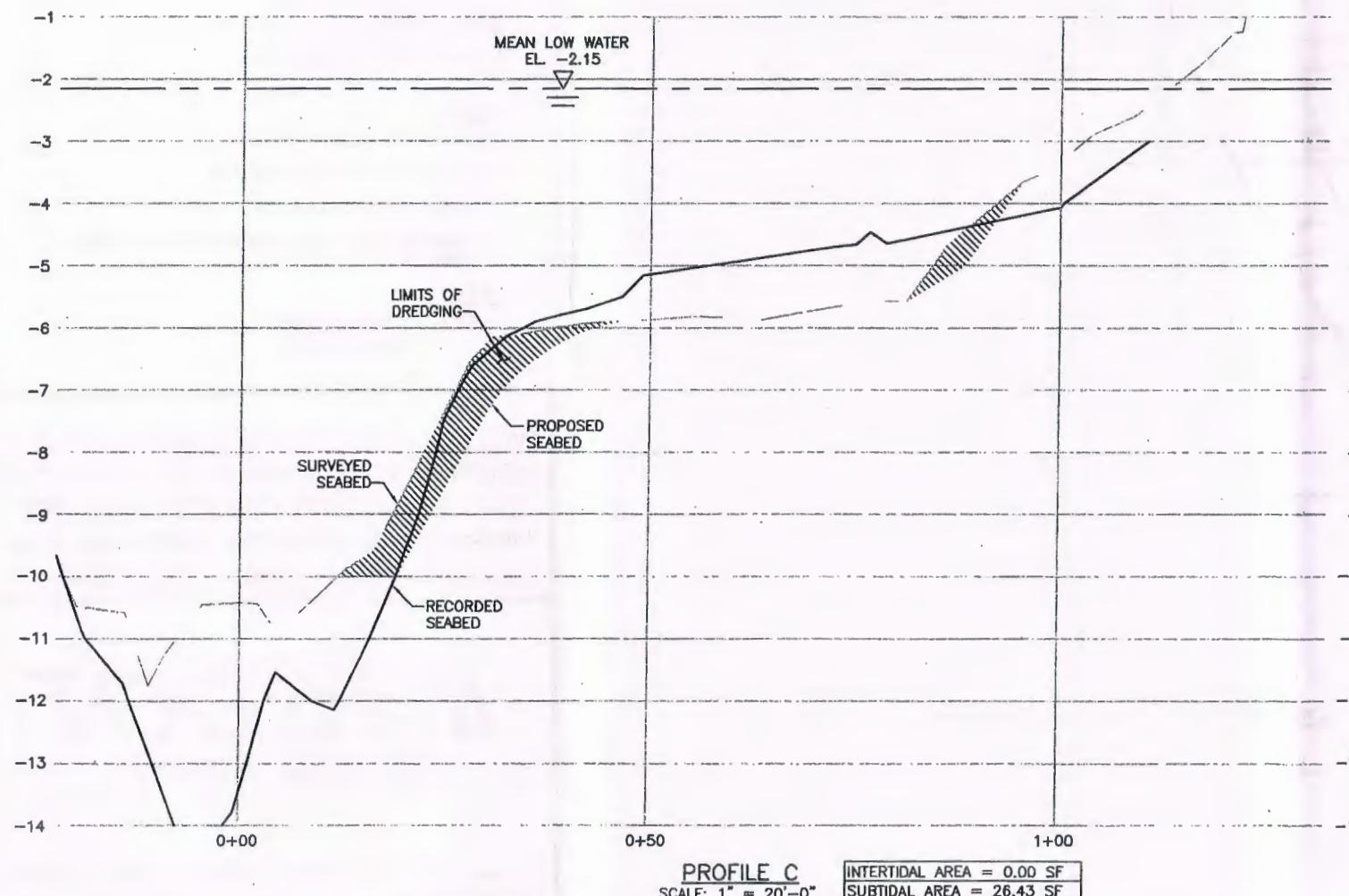
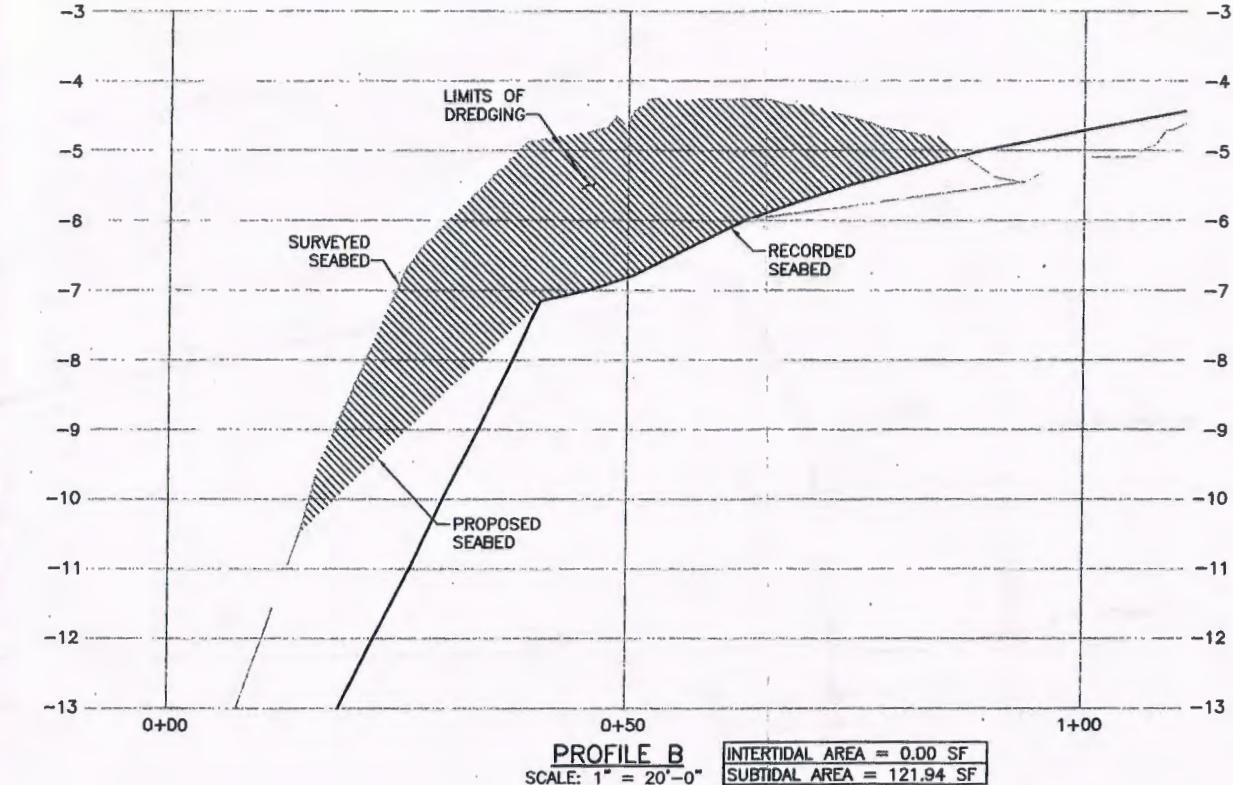
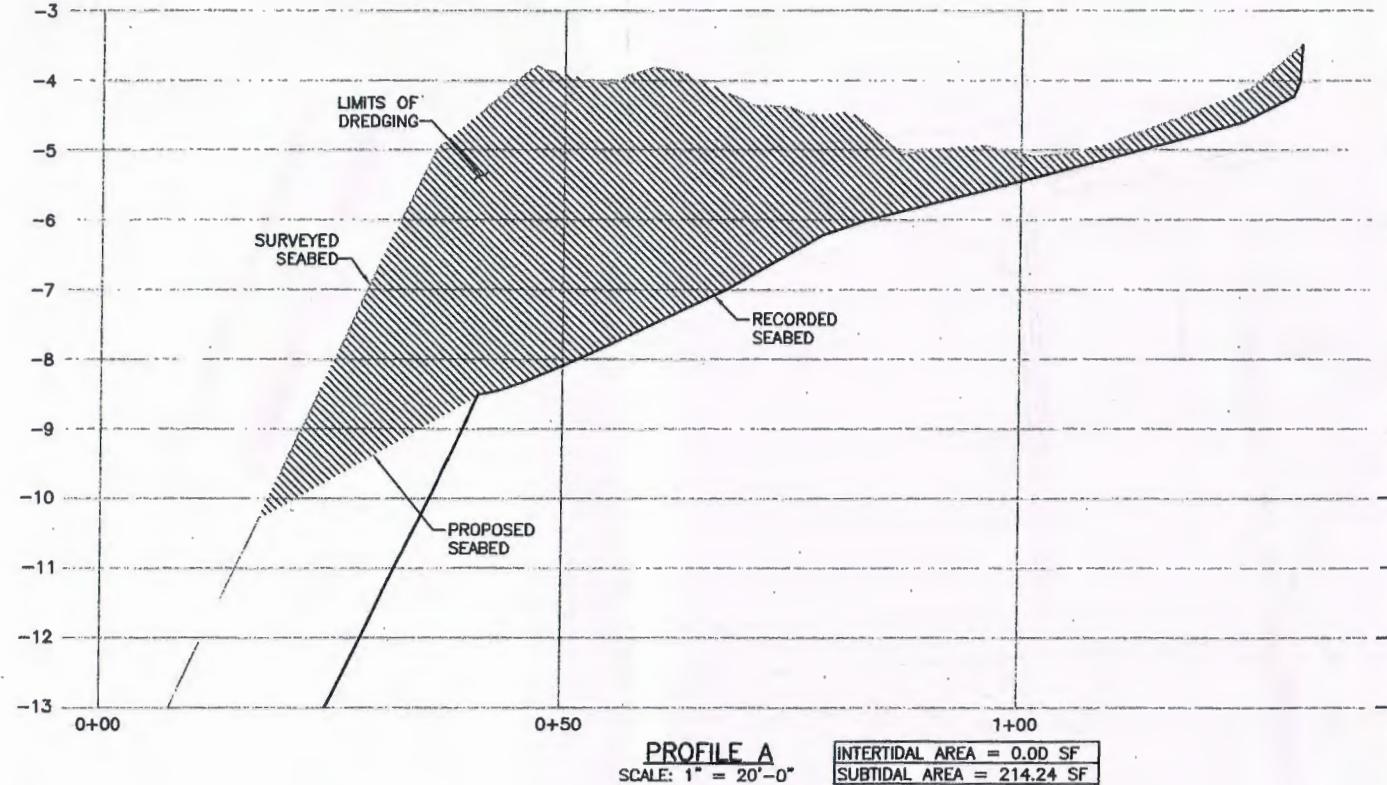
1. SEE FIGURE 10 FOR PROFILES.
2. MEAN HIGH WATER ELEVATION 1.95'.
3. MEAN LOW WATER ELEVATION -2.15'.
4. ELEVATIONS BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

LEGEND:

— PROPOSED SEABED
— EXISTING SEABED

WILLIAM H. DALTON MEMORIAL BRIDGE
BOURNE / WAREHAM MASSACHUSETTS
BARNSTABLE / PLYMOUTH COUNTIES
WAREHAM WORK AREAS BELOW MHW
COHASSET NARROWS - MILE POINT 1.1





PROFILE NOTES:

1. SEE FIGURE 9 FOR PLAN.
2. MEAN HIGH WATER ELEVATION 1.95'
3. MEAN LOW WATER ELEVATION -2.15'
4. ELEVATIONS BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
5. DOCKS NOT SHOWN FOR CLARITY.

WILLIAM H. DALTON MEMORIAL BRIDGE
BOURNE / WAREHAM MASSACHUSETTS
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