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DEPARTMENT OF ENVIRONMENTAL PROTECTION

**Notice of License Application pursuant to M. G. L. Chapter 91
401 Water Quality Certification Amendment
Waterways License Application Number W09-2764D
MA Department of Conservation and Recreation**

NOTIFICATION DATE: August 5, 2009

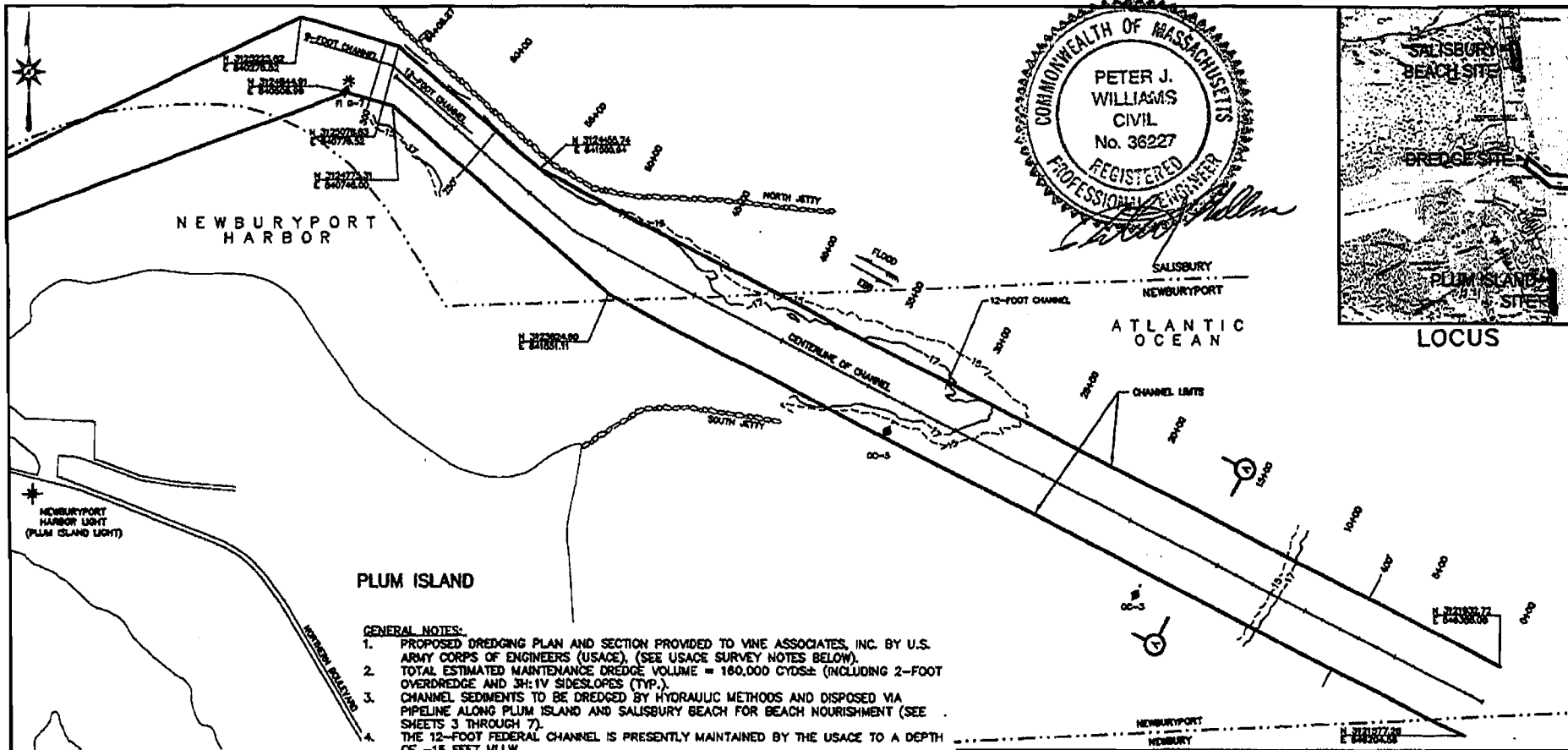
Public notice is hereby given of the application by MA Department of Conservation and Recreation to perform dredging of approximately 160,000 cubic yards of sediment from the Newburyport Federal Navigation Channel with dredged sediment to be used as beach nourishment in the Towns of Newbury and Salisbury. The proposed use of the project is to improve navigation and provide beach nourishment and is a water dependent project.

The Department will consider all written comments on this Waterways application received by within 15 days subsequent to the "Notification Date". Failure of any aggrieved person or group of ten citizens or more to submit written comments to the Waterways Regulation Program by the Public Comments Deadline will result in the waiver of any right to an adjudicatory hearing in accordance with 310 CMR 9.13(4)(c).

Additional information regarding this application may be obtained by contacting the Waterways Regulation Program at (617) 292-5500. Project plans and documents for this application are on file with the Waterways Regulation Program for public viewing, by appointment only, at the address below. Written comments must be addressed to: David Slagle, MassDEP - WRP, One Winter St., 5th fl., Boston, MA 02108.

401 Water Quality Certification Amendment for the Newbury Federal Navigation Channel by the Army Corps of Engineers (ACoE) as the Authorized Agent for the Town of Newburyport to increase the authorized dredge volume from 150,000 cubic yards to 160,000 cubic yards with 120,000 cubic yards of dredged material to be used as nourishment material at Plume Island beach in the Town of Newbury and 40,000 cubic yards at Salisbury Beach State Reservation site in the Town of Salisbury. Additional information may be obtained from Jack Karalius of the ACoE, 696 Virginia Road, Concord, MA 01742-2751, telephone no. 978 318-8288.

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GENERAL NOTES:

1. PROPOSED DREDGING PLAN AND SECTION PROVIDED TO VINE ASSOCIATES, INC. BY U.S. ARMY CORPS OF ENGINEERS (USACE). (SEE USACE SURVEY NOTES BELOW).
2. TOTAL ESTIMATED MAINTENANCE DREDGE VOLUME = 160,000 CYDS± (INCLUDING 2-FOOT OVERDREDGE AND 3H:1V SIDESLOPES (TYP.)).
3. CHANNEL SEDIMENTS TO BE DREDGED BY HYDRAULIC METHODS AND DISPOSED VIA PIPELINE ALONG PLUM ISLAND AND SALISBURY BEACH FOR BEACH NOURISHMENT (SEE SHEETS 3 THROUGH 7).
4. THE 12-FOOT FEDERAL CHANNEL IS PRESENTLY MAINTAINED BY THE USACE TO A DEPTH OF -15 FEET MLLW.

USACE SURVEY NOTES:

1. SOUNDINGS ARE IN FEET AND TENTHS AND REFER TO THE PLANE OF MEAN LOWER LOW WATER (MLLW) 1983-2001 EPOCH TIDAL.
 2. TOPOGRAPHY SHOWN IS FROM PREVIOUS SURVEYS AND/OR NOAA CHART NO. 13274. ALL TOPOGRAPHY, INCLUDING SHORELINE, BRIDGES, PIERS, ETC., IS LOCATED APPROXIMATE UNLESS OTHERWISE NOTED AND SHOULD BE USED AS A GENERAL REFERENCE ONLY.
 3. BENCH MARK DATA: TBM NO. 1 (1953) IS A USCG'S TIDAL BENCH MARK DISK SET IN THE NORTHWEST CORNER OF THE CONCRETE FOUNDATION FOR THE WOODEN STAIRS AT THE SOUTH END OF THE U.S. COAST GUARD AUXILIARY STATION, 97.2 FEET (29.6 M) EAST OF POWER POLE #18024, 79.5 FEET (24.2 M) NORTH-NORTHEAST OF A POWER POLE IN THE SOUTHWEST AREA OF THE AUXILIARY STATION COMPOUND, 53.3 FEET (16.2 M) NORTHEAST OF THE NORTH CORNER OF THE EASTERNMOST OF TWO RED PUMPHOUSES, 27.5 FEET (8.4 M) SOUTHWEST OF THE EAST CORNER OF THE AUXILIARY STATION BUILDING, 1.8 FEET (0.1 M) ABOVE GROUND LEVEL. ELEVATION IS 13.96 FEET ABOVE MLLW.
 4. COORDINATES SHOWN ARE BASED ON THE LAMBERT GRID SYSTEM FOR THE COMMONWEALTH OF MASSACHUSETTS (MAINLAND ZONE 2001) & NAD 1983.
 5. SURVEY WAS PERFORMED USING AN ODOM MK2 ECHOTRAC ECHOSOUNDER. VESSEL POSITIONING WAS OBTAINED UTILIZING A TRIMBLE 4000 SSE GPS RECEIVER WITH U.S. COAST GUARD BEACON SYSTEM.
 6. THE SOUNDING INFORMATION SHOWN ON THIS MAP REPRESENTS THE SHALLOWEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED DURING JANUARY AND FEBRUARY 2009.
 7. THE SOUNDING INFORMATION DEPICTED ON THIS MAP SHOULD NOT BE USED TO DETERMINE VOLUMES. VOLUMES ARE DETERMINED FROM MORE SOUNDING INFORMATION THAN SHOWN. ADDITIONAL SOUNDING INFORMATION IS AVAILABLE UPON REQUEST.
 8. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED, AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS EXISTING AT THAT TIME.
 9. FIELD BOOK: R&H 5068
- 15-FOOT DEPTH CONTOUR SHOWN THUS:
 DEPTHSOUNDER ROLLS: 09-978/01-02
 SURVEYED BY: PAUL K. O'BRIEN AND CREW

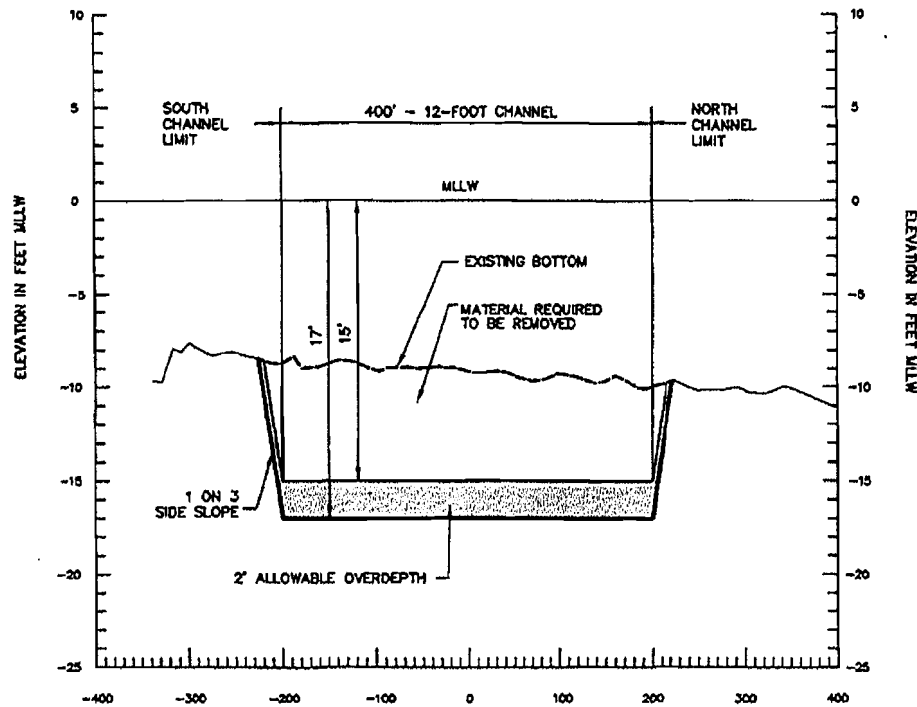


PROPOSED DREDGE PLAN
NEWBURYPORT HARBOR ENTRANCE CHANNEL

MA DEPT. OF CONSERVATION & RECREATION
NEWBURYPORT HARBOR
FEDERAL NAVIGATION PROJECT
NEWBURYPORT, NEWBURY & SALISBURY, MA

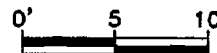
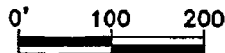
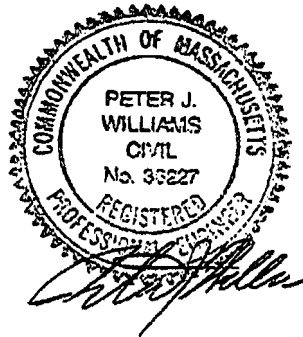
Vine ASSOCIATES, INC.		372 MERRIMACK STREET NEWBURYPORT, MA 01950 TEL (978)483-1428 FAX (978)483-2840	190 OLD DERBY STREET HENRIETTA, MA 02243 TEL (781)748-2330 FAX (781)748-2751	18 BEACH STREET MONUMENT BEACH, MA 02353 TEL (508)743-0390 FAX (508)743-0391	
DES.	CHK.	CMP	DR.	DMG	VAI FILE NO. 1516
SCALE 1"=800'			DATE JUNE 2009		SHEET 1 OF 7

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TYPICAL SECTION A-A

VERTICAL SCALE: 1"=10'
HORIZONTAL SCALE 1"=200'



NOTE:
SEE SHEET 1 OF 7 FOR DREDGING NOTES.

**PROPOSED DREDGE SECTION
NEWBURYPORT HARBOR ENTRANCE CHANNEL**

**MA DEPT. OF CONSERVATION & RECREATION
NEWBURYPORT HARBOR
FEDERAL NAVIGATION PROJECT
NEWBURYPORT, NEWBURY & SALISBURY, MA**

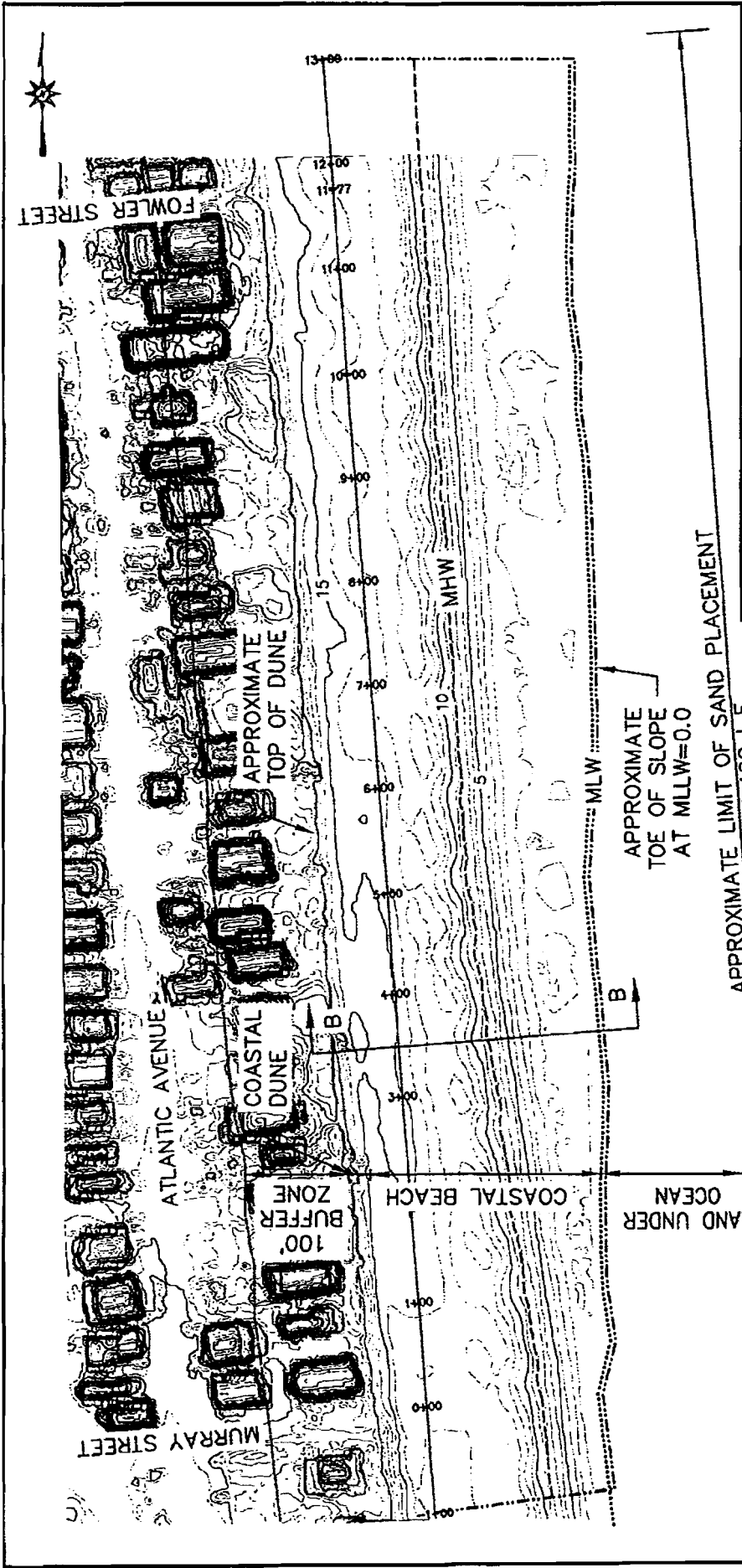
Vine ASSOCIATES, INC.

372 MERRIMAC STREET NEWBURYPORT, MA 01950
tel. (978)465-1428 fax (978)465-2640

190 OLD DERRY STREET HINGHAM, MA 02043
tel. (781)746-2530 fax (781)749-2751

18 BEACH STREET MONUMENT BEACH, MA. 02553
tel. (508)743-0390 fax (508)743-0391

DES.	CHK.	CMP	DR.	DWG	VAI FILE NO.	1516
SCALE AS SHOWN			DATE JUNE 2009		SHEET 2 OF 7	

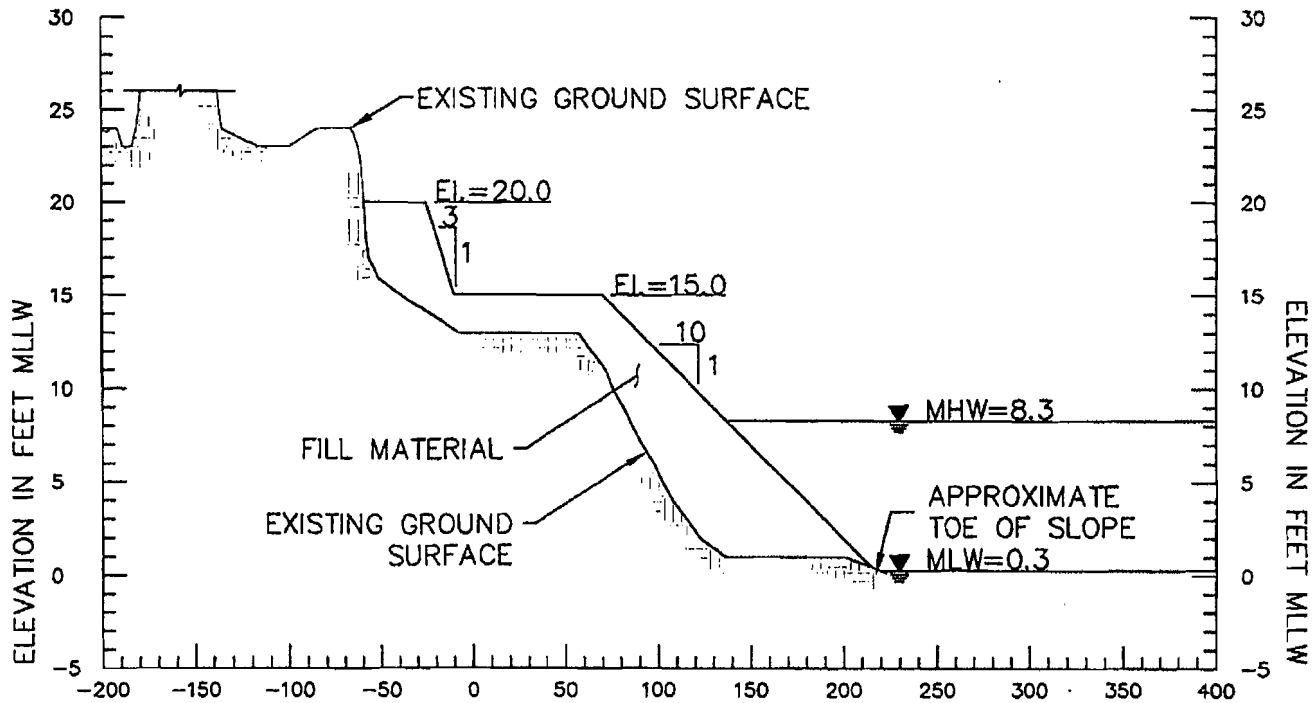


<p>PROPOSED FILL PLACEMENT PLAN SALISBURY BEACH STATE RESERVATION</p>			
<p>MA DEPT. OF CONSERVATION & RECREATION NEWBURYPORT HARBOR FEDERAL NAVIGATION PROJECT NEWBURYPORT, NEWBURY & SALISBURY, MA</p>			
<p>Vine ASSOCIATES, INC.</p>		<p>372 ASPENHURST STREET NEWBURYPORT, MA 01850 PHONE (781)448-1440 FAX (781)448-2751</p>	
<p>190 OLD DORY STREET NEWBURYPORT, MA 01850 PHONE (781)448-1440 FAX (781)448-2751</p>		<p>18 BEACH STREET NEWBURYPORT, MA 01850 PHONE (781)448-1440 FAX (781)448-2751</p>	
DES.	CHK.	CMP	DR.
SCALE 1"=150'			DATE
			JUNE 2009
		VAI FILE NO.	1516
		SHEET 3 OF 7	



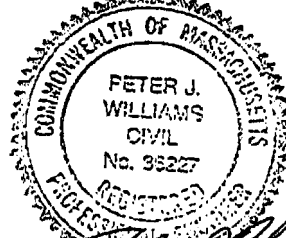
- NOTES:**
1. DATUM: MLLW=0.0; MHW=0.3; HTL=10.7
 2. PLANS & SECTIONS PREPARED BY THE U.S. ARMY CORPS OF ENGINEERS (USACE).
 3. TOPOGRAPHY AS SHOWN, IS BASED UPON LIDAR SURVEY BY THE USACE IN 2007.
 4. RESOURCE AREA LIMITS, AS SHOWN, HAVE BEEN INTERPRETED BY VINE ASSOCIATES, INC. (VAI).

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TYPICAL SECTION B-B

VERTICAL SCALE: 1"=10'
 HORIZONTAL SCALE 1"=100'



NOTE:

SEE SHEET 3 OF 7 FOR NOTES.

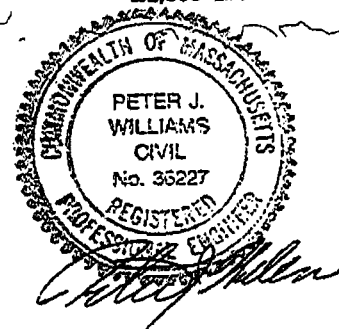
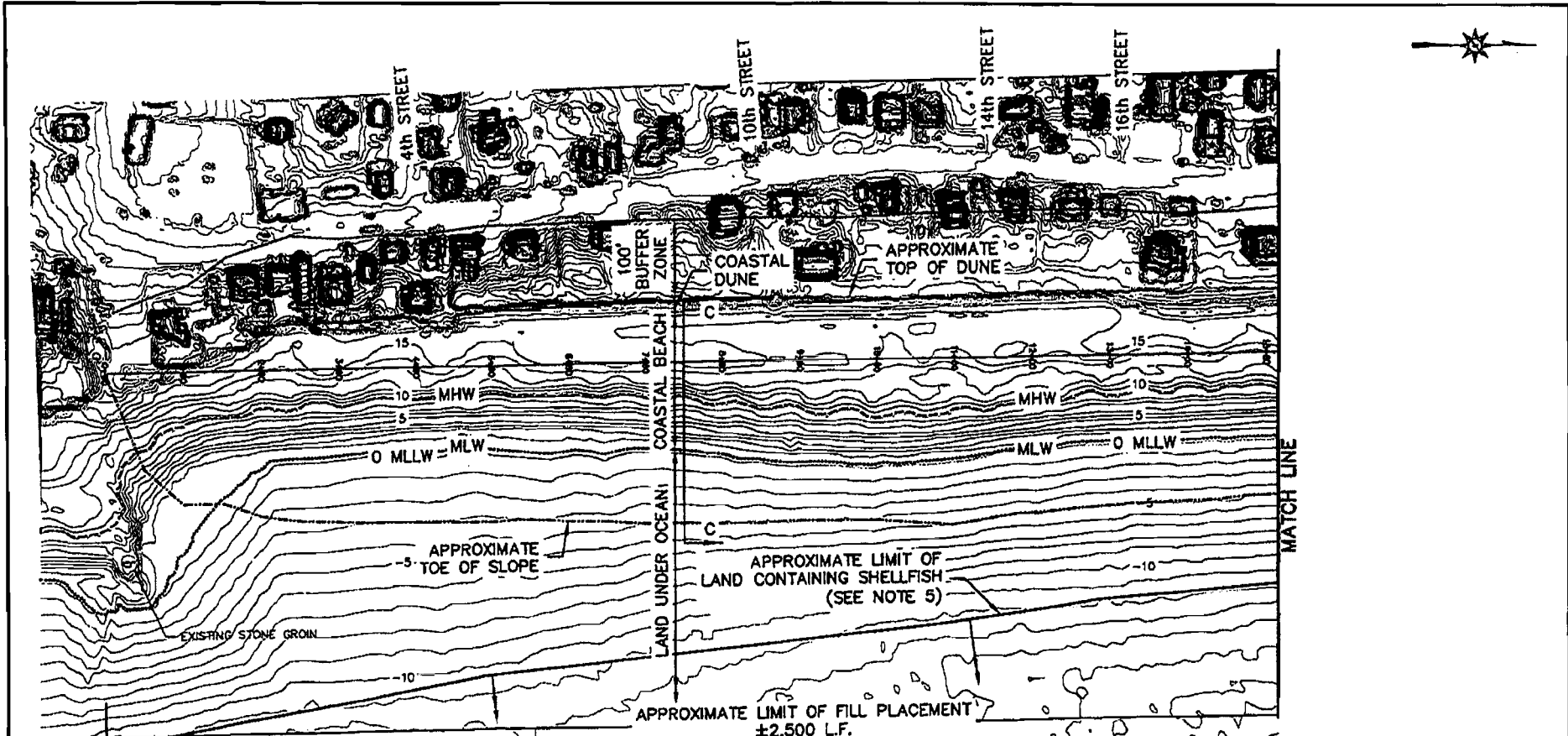
**PROPOSED FILL PLACEMENT SECTION
 SALISBURY BEACH STATE RESERVATION**

**MA DEPT. OF CONSERVATION & RECREATION
 NEWBURYPORT HARBOR
 FEDERAL NAVIGATION PROJECT
 NEWBURYPORT, NEWBURY & SALISBURY, MA**

Vine ASSOCIATES, INC.
 372 MERRIMACK STREET NEWBURYPORT, MA 01950 TEL (978)465-1428 FAX (978)465-2840
 190 OLD DERBY STREET HINGHAM, MA 02043 TEL (781)748-2530 FAX (781)748-2731
 18 BEACH STREET MONUMENT BEACH, MA 02533 TEL (508)745-0390 FAX (508)745-0391

DES.	CHK.	CMP	DR.	DMG	YAI FILE NO.	1516
SCALE AS SHOWN			DATE JUNE 2009		SHEET 4 OF 7	

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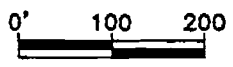
**PROPOSED FILL PLACEMENT PLAN
PLUM ISLAND**

**MA DEPT. OF CONSERVATION & RECREATION
NEWBURYPORT HARBOR
FEDERAL NAVIGATION PROJECT
NEWBURYPORT, NEWBURY & SALISBURY, MA**

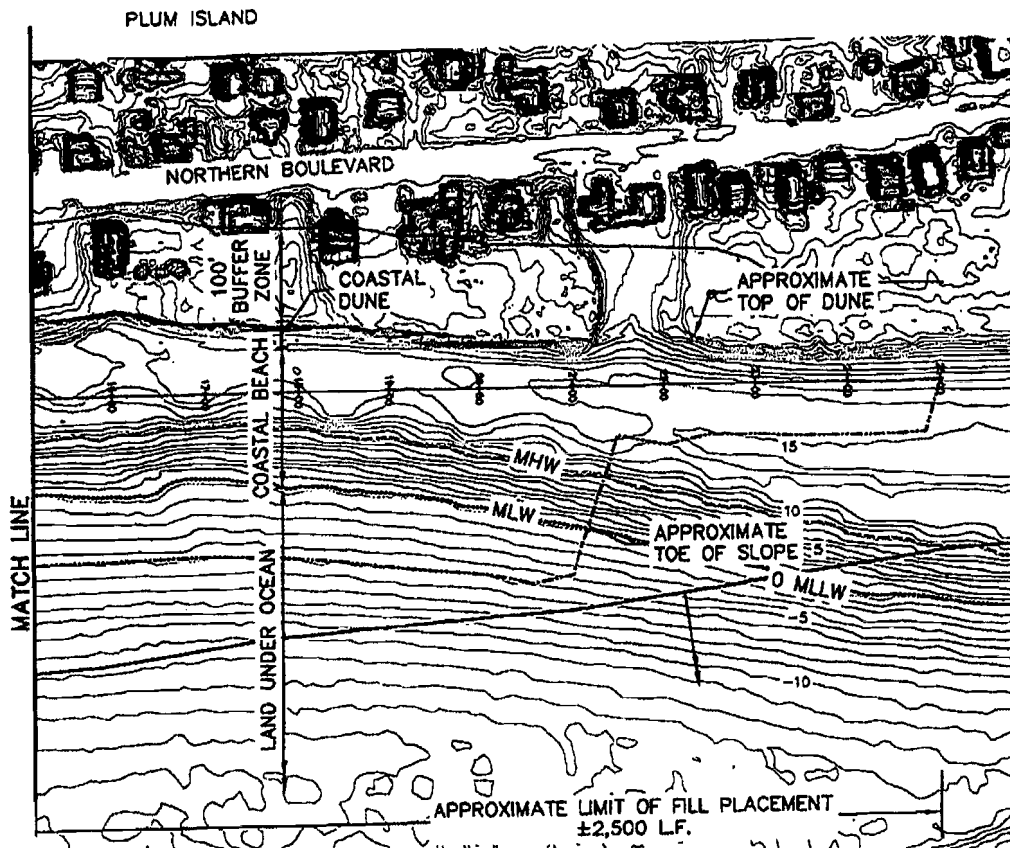
Vine ASSOCIATES, INC.
 372 MERRIMACK STREET NEWBURYPORT, MA 01950 Tel. (978)485-1428 Fax (978)485-2640
 100 OLD DERBY STREET WINDHAM, MA 02943 Tel. (781)748-2530 Fax (781)748-2751
 18 BEACH STREET MONUMENT BEACH, MA 02553 Tel. (508)743-0380 Fax (508)743-0381

DES.	CHK.	CMP	DR.	DMG	VAI FILE NO.	1516
SCALE 1"=200'			DATE		SHEET 5 OF 7	
			JUNE 2009			

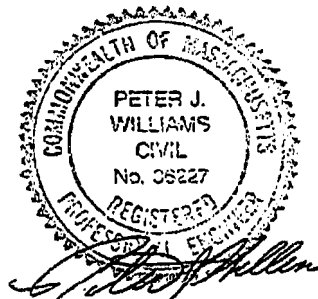
- NOTES**
- DATUM: MLLW=0.0; MLW=-0.3; MHW=9.3; HTL=-10.9
 - PLANS & SECTIONS PREPARED BY THE U.S. ARMY CORPS OF ENGINEERS (USACE).
 - TOPOGRAPHY, AS SHOWN, IS BASED UPON LIDAR SURVEY BY THE USACE IN 2007.
 - RESOURCE AREA LIMITS, AS SHOWN, HAVE BEEN INTERPRETED BY VINE ASSOCIATES, INC. (VAI).
 - LIMIT OF LAND CONTAINING SHELLFISH IS BASED UPON AVAILABLE INFORMATION FROM MASS GIS.



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NOTE:
SEE SHEET 5 OF 7 FOR NOTES.



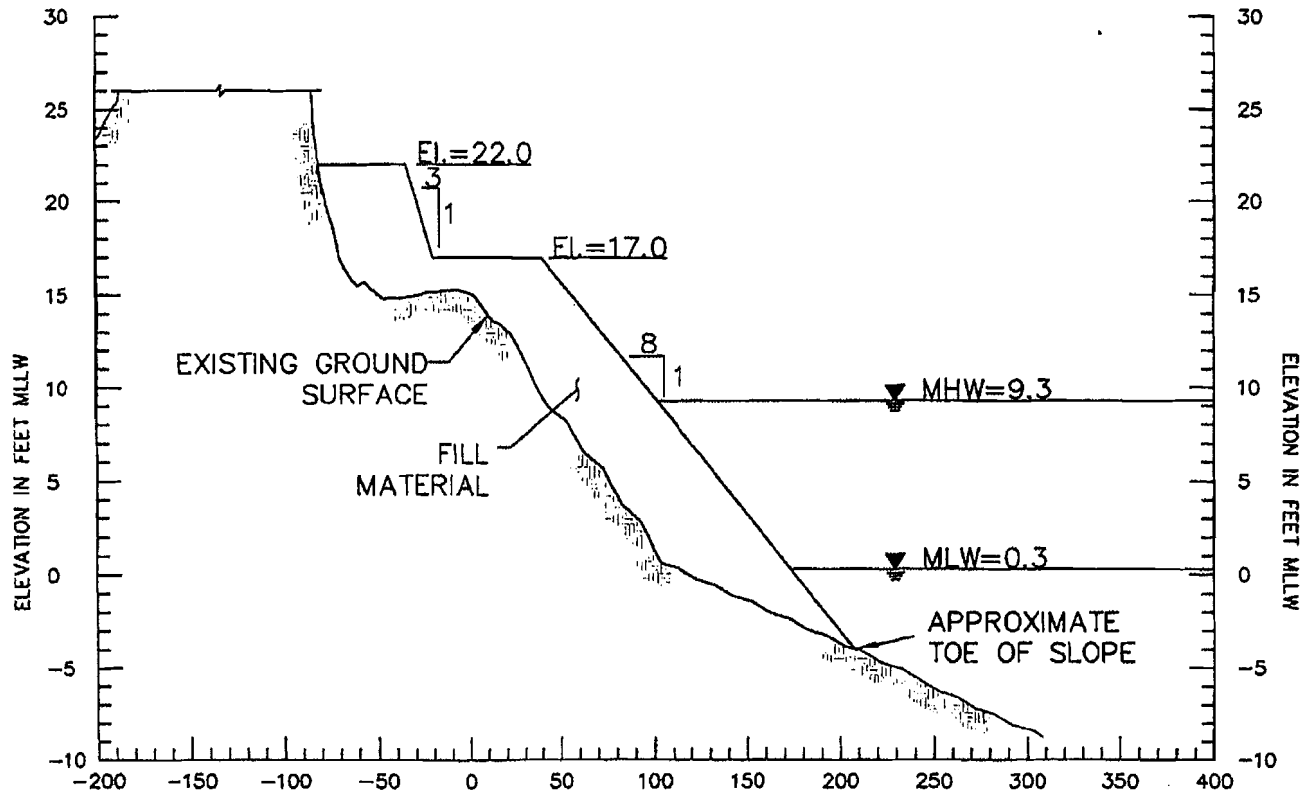
**PROPOSED FILL PLACEMENT PLAN
PLUM ISLAND**

**MA DEPT. OF CONSERVATION & RECREATION
NEWBURYPORT HARBOR
FEDERAL NAVIGATION PROJECT
NEWBURYPORT, NEWBURY & SALISBURY, MA**

	Vine	372 MERRIMACK STREET NEWBURYPORT, MA 01950 Tel. (978)489-1428 Fax (978)489-2640	190 OLD DERBY STREET MIDDLETOWN, MA 02043 Tel. (781)748-2830 Fax (781)748-2751	18 BEACH STREET MONUMENT BEACH, MA 02353 Tel. (508)743-0390 Fax (508)743-0391
	ASSOCIATES, INC.			

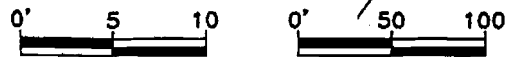
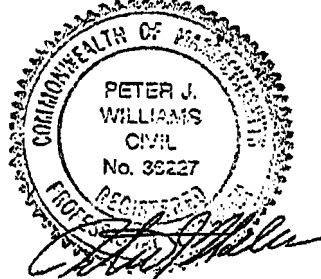
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SCALE 1"=200'			DATE JUNE 2009		SHEET 6 OF 7	

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TYPICAL SECTION C-C

VERTICAL SCALE: 1"=10'
 HORIZONTAL SCALE 1"=100'



NOTE:
 SEE SHEET 5 OF 7 FOR NOTES.

PROPOSED FILL PLACEMENT SECTION PLUM ISLAND					
MA DEPT. OF CONSERVATION & RECREATION NEWBURYPORT HARBOR FEDERAL NAVIGATION PROJECT NEWBURYPORT, NEWBURY & SALISBURY, MA					
 Vine ASSOCIATES, INC.		374 MERRIMACK STREET NEWBURYPORT, MA 01950 tel. (978)485-1428 fax (978)485-2840		190 OLD DERBY STREET HINGHAM, MA 02043 tel. (781)748-2530 fax (781)749-2731	
18 BEACH STREET MONUMENT BEACH, MA 02553 tel. (508)743-0380 fax (508)743-0381		DES.	CHK.	CMP	DR. DMG
VAI FILE NO. 1516		DATE JUNE 2009		SHEET 7 OF 7	