

RECEIVED

OCT 6 2006

MEPA

**DEP Waterways Regulation Program  
Notice of License Application pursuant to MGL Chapter 91  
Application No W06-1748D**

**Notification Date October 7, 2006**

Public notice is given of the application by the University of Massachusetts- Boston to dredge approximately 24,850 cubic yards of material at 100 Morrissey Boulevard, Fox Point Berthing Facility in the municipality of Boston, in flowed tidelands of Savin Hill Cove. The proposed project is to provide adequate depth for navigation and for the removal of sediment within the area of the cooling plant intake structure and is a water dependent project.

The Department will consider all written comments on this Waterways application received within 15 days subsequent to the notification date. Failure of any aggrieved person or group of ten citizens or more to submit written copies written comments to the Waterways Regulation Program by the Public Comments Deadline will result in the waiver of any right in adjudicatory hearing in accordance with 310 CMR9.13(4)(c) Winter Street, Boston, MA 02108, and must reference Transmittal Number W 062418.

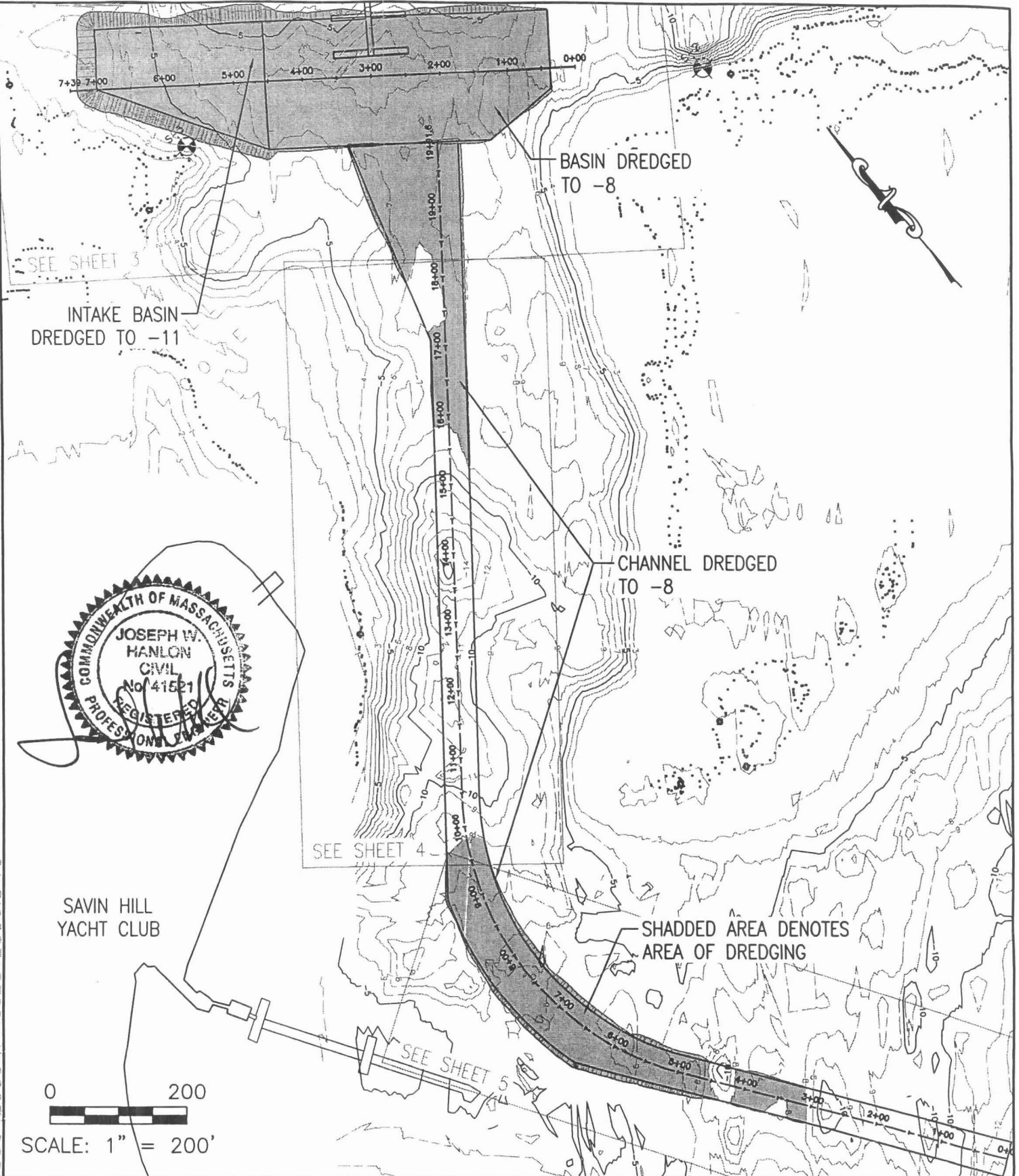
Additional information regarding this application may be obtained by contacting the Waterways Regulation Program at (617) 292-5500. Project plans and documents for this application are on file with the Waterways Regulation Program for public viewing, by appointment only, at the address below. Written comments must be addressed to Ben Lynch, Program Chief, WRP, One Winter Street, 6<sup>th</sup> Floor, Boston MA 02108




100 YR FLOOD	16.8	NGVD	4.36	TITLE:	LOCUS MAP	IN: BOSTON
HTL	9.9	MLW	0.0			AT: MA
MHW	9.5	MLLW	0.0			COUNTY: SAVIN HILL STATE: MA
				PURPOSE:	IMPROVEMENT DREDGING	SHEET 1 OF 8
				APPLICATION BY:	UNIVERSITY OF MASSACHUSETTS	DATE: 01/30/06

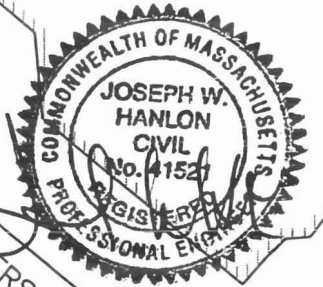
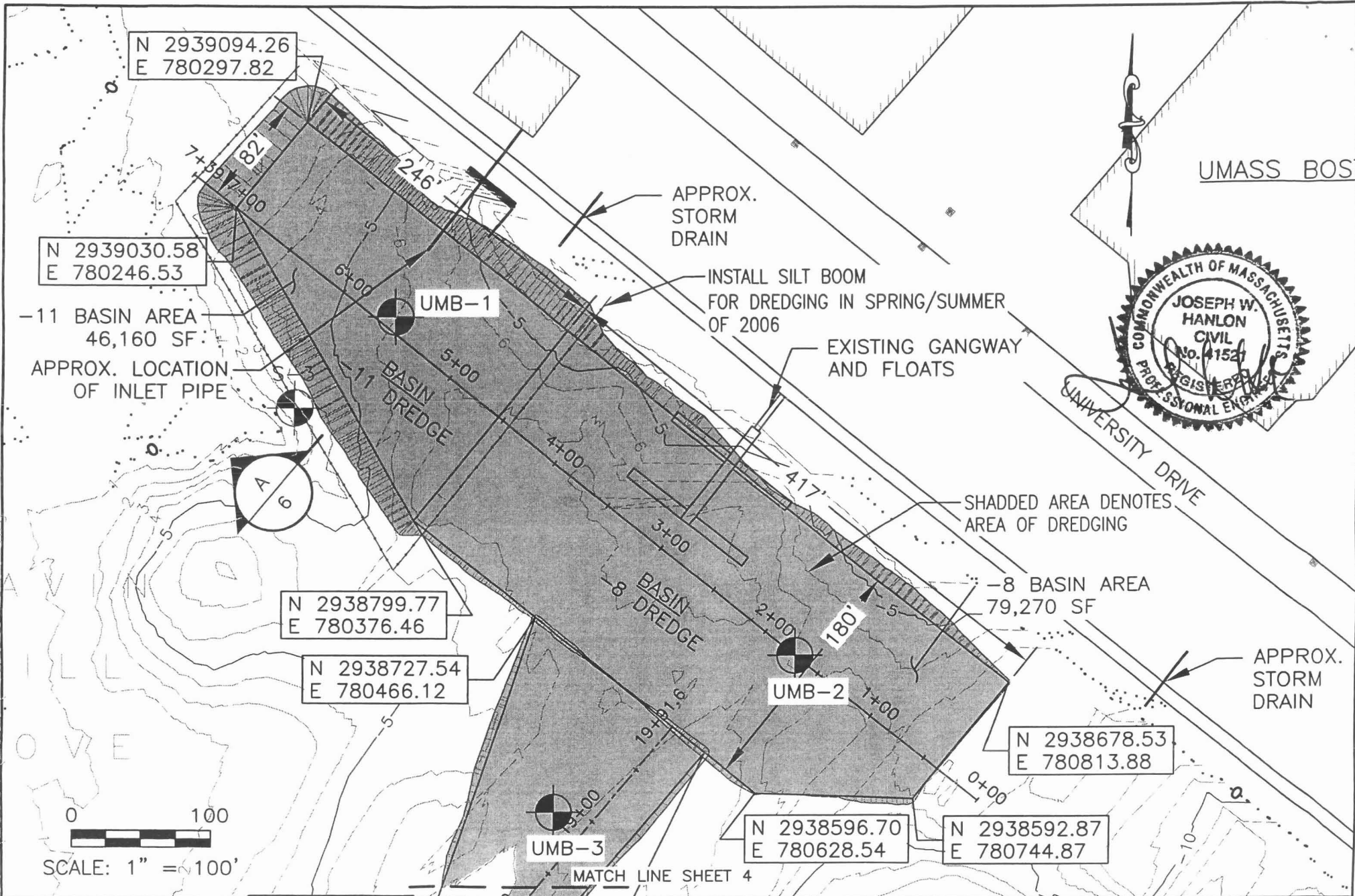
**BCE**  
 Bourne Consulting Engineering  
 100 State Street  
 Boston, MA 02109  
 Tel: (617) 552-1000 Fax: (617) 552-1077

5536\2006\PROJECT2006.DWG



<p>PURPOSE</p> <p><b>IMPROVEMENT DREDGING</b></p>	<p>TITLE</p> <p><b>SITE PLAN</b></p>	<p>APPLICATION BY:</p> <p><b>UNIVERSITY OF MA</b></p> <p><b>REV 8/30/06</b></p>										
<table border="0"> <tr> <td>100 YR FLOOD</td> <td>16.8</td> </tr> <tr> <td>HTL</td> <td>9.9</td> </tr> <tr> <td>MHW</td> <td>9.5</td> </tr> <tr> <td>NGVD</td> <td>4.36</td> </tr> <tr> <td>MLW</td> <td>0.0</td> </tr> </table>	100 YR FLOOD	16.8	HTL	9.9	MHW	9.5	NGVD	4.36	MLW	0.0	 <p><b>Bourne Consulting Engineering</b></p> <p><small>104 West Central Street Framingham, MA 01024 TEL (508) 628-8150 FAX (508) 628-8771</small></p>	<p>IN: BOSTON</p> <p>AT: SAVIN HILL COVE</p> <p>COUNTY: MIDDLESEX STATE: MA</p> <p>SHEET 2 OF 8 DATE: 1/31/06</p>
100 YR FLOOD	16.8											
HTL	9.9											
MHW	9.5											
NGVD	4.36											
MLW	0.0											

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100 YR FLOOD	16.8	NGVD	4.36
HTL	9.9	MLW	0.0
MHW	9.5		

TITLE: **BASIN DREDGE PLAN**

IN: **BOSTON**  
 AT: **MA**  
 COUNTY: **SAVIN HILL** STATE: **MA**



PURPOSE:  
**IMPROVEMENT DREDGING**

APPLICATION BY:  
**UNIVERSITY OF MASSACHUSETTS**

SHEET **3** OF **8**  
 DATE: **01/31/06**

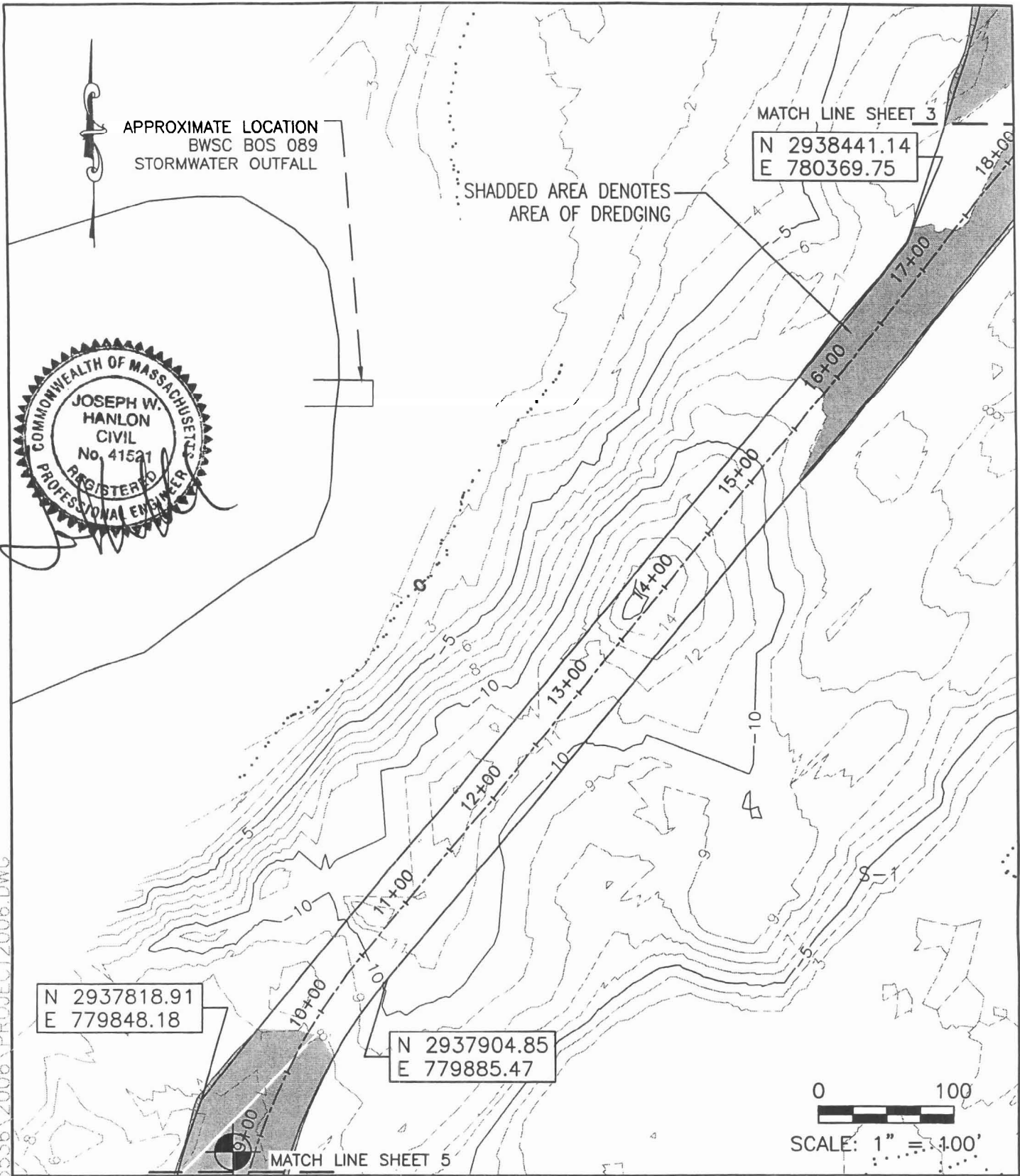



Fig. X:\25536-2006\PROJECT\2006.DWG

PURPOSE: <b>IMPROVEMENT DREDGING</b>	TITLE: <b>CHANNEL DREDGING PLAN          9+00 TO 18+00</b>	APPLICATION BY: <b>UNIVERSITY OF MA</b>										
<table border="0"> <tr> <td>100 YR FLOOD</td> <td>16.8</td> </tr> <tr> <td>HTL</td> <td>9.9</td> </tr> <tr> <td>MHW</td> <td>9.5</td> </tr> <tr> <td>NGVD</td> <td>4.36</td> </tr> <tr> <td>MLW</td> <td>0.0</td> </tr> </table>	100 YR FLOOD	16.8	HTL	9.9	MHW	9.5	NGVD	4.36	MLW	0.0	 <b>Bourne Consulting Engineering</b> <small>100 Foot Central Street          TEL (617) 620-6120 FAX (617) 620-0971</small>	IN: <b>BOSTON</b> AT: <b>SAVIN HILL COVE</b> COUNTY: <b>MIDDLESEX</b> STATE: <b>MA</b> SHEET <b>4</b> OF <b>8</b> DATE: <b>1/31/06</b>
100 YR FLOOD	16.8											
HTL	9.9											
MHW	9.5											
NGVD	4.36											
MLW	0.0											

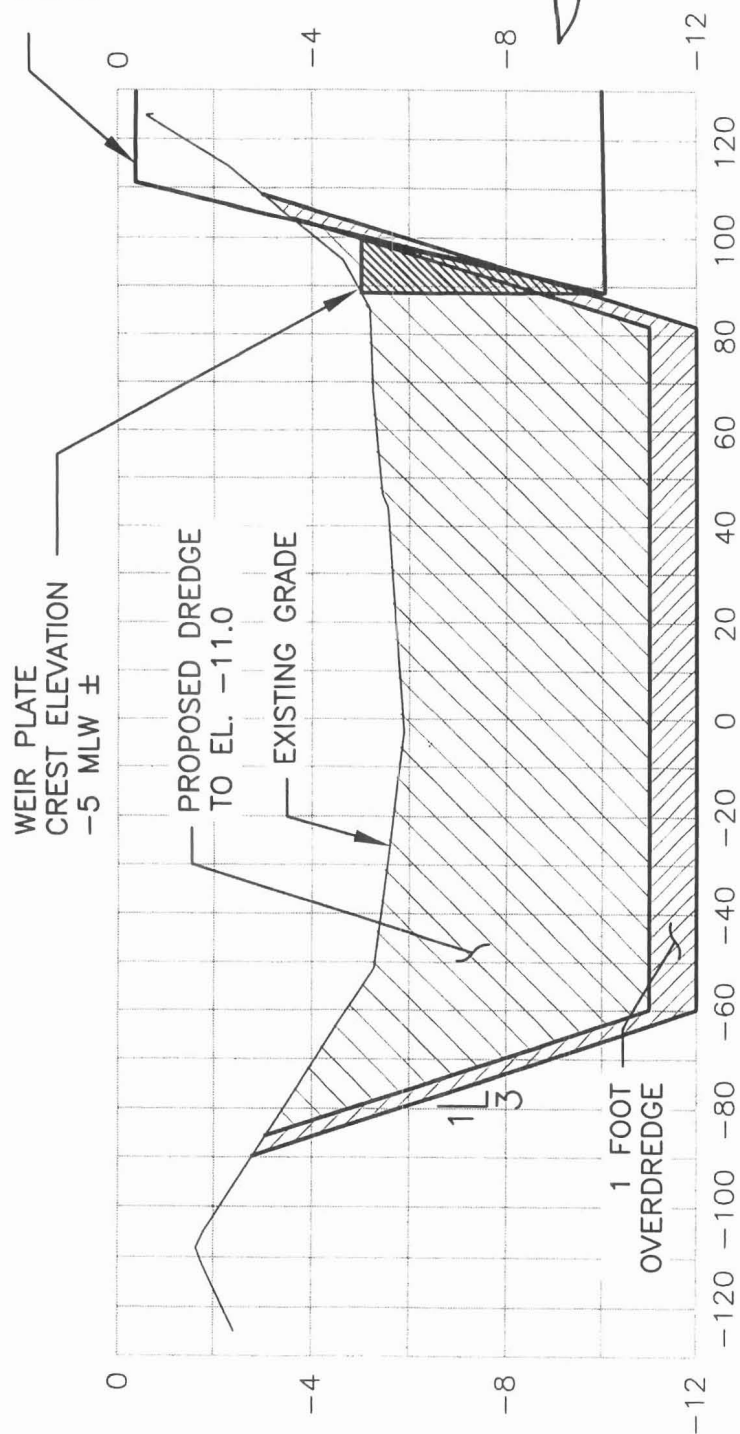


WEIR PLATE  
CREST ELEVATION  
-5 MLW ±

PROPOSED DREDGE  
TO EL. -11.0

EXISTING GRADE

1 FOOT  
OVERDREDGE



# BASIN CROSS-SECTION

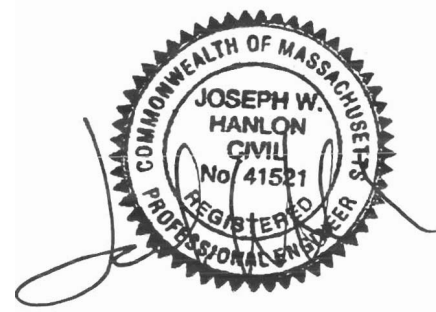
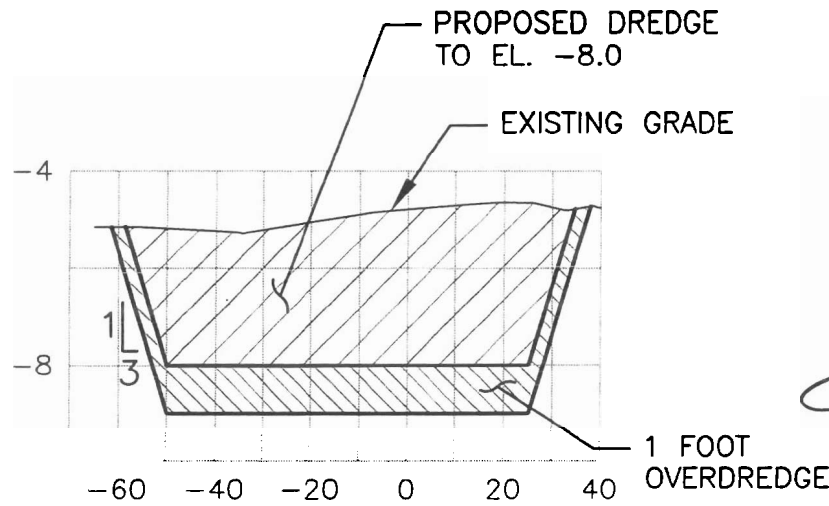
SCALE: HORIZ. 1" = 40'  
VERT. 1" = 4'

0 40  
SCALE: 1" = 40'

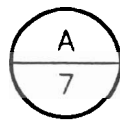
REVISION 7/26/06

100 YR FLOOD	16.8	NGVD	4.36	TITLE: BASIN SECTION	APPLICATION BY: UNIVERSITY OF MASSACHUSETTS	PURPOSE: IMPROVEMENT DREDGING
HTL	9.9	MLW	0.0			
MHW	9.5					
				IN: BOSTON AT: MA COUNTY: SAVIN HILL STATE: MA SHEET 6 OF 8 DATE: 01/31/06		

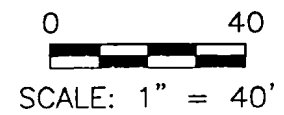
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## 75' CHANNEL CROSS-SECTION - STA 7+00



SCALE: HORIZ. 1" = 40'  
VERT. 1" = 4'



100 YR FLOOD 16.8 HTL 9.9 MHW 9.5	NGVD 4.36 MLW 0.0	TITLE: <b>CHANNEL SECTION</b>	IN: <b>BOSTON</b> AT: <b>MA</b> COUNTY: <b>SAVIN HILL</b> STATE: <b>MA</b>
		PURPOSE: <b>IMPROVEMENT DREDGING</b>	APPLICATION BY: <b>UNIVERSITY OF MASSACHUSETTS</b> SHEET <b>7</b> OF <b>8</b> DATE: <b>01/31/06</b>



NOTES:

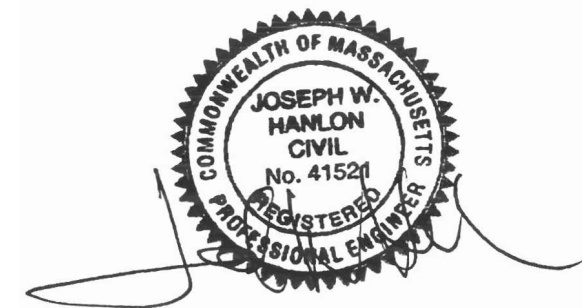
1. HYDROGRAPHIC DATA SHOWN HEREON WAS COLLECTED ON FEBRUARY 20, 2004 BY BOURNE CONSULTING ENGINEERING AND CAN ONLY REFLECT CONDITIONS AS THEY EXISTED DURING THE TIME OF THE SURVEY.
2. UPLAND FEATURES AND BENCHMARK WERE TAKEN FROM AN UNTITLED PLAN PREPARED BY SCHOFIELD BROTHERS OF NEW ENGLAND INC., PROVIDED ELECTRONICALLY.
3. SOUNDINGS AND ELEVATIONS ARE SHOWN IN FEET AND TENTHS BASED ON A MEAN LOW WATER DATUM. POSITIVE VALUES REPRESENT DEPTH ABOVE THAT SAME PLANE.
4. DREDGE AREAS SHOWN ARE TO EL. -8 OR -11, AS NOTED, WITH SIDE SLOPES TO MEET EXISTING GRADE AT 1V:3H SLOPE, WITH A 1 FOOT OVERDREDGE.

DREDGE VOLUMES:

LOCATION	PROPOSED DREDGE (CY)	1' OVER-DREDGE (CY)	DREDGE AREA (SF)
11' BASIN	7,400	1,190	46,200
8' BASIN	4,460	2,660	79,300
8' CHANNEL	5,755	3,380	105,600
TOTAL:	17,615	7,230	231,100

EL. AT BM 24.32 MLW

100 YR FLOOD	+16.8
HTL	+9.6
MHW	+9.5
NGVD	+4.8
MLW	+0.0
MLLW	-0.3



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100 YR FLOOD	16.8	NGVD	4.36
HTL	9.9	MLW	0.0
MHW	9.5	MLLW	0.0

TITLE:

NOTES

IN: BOSTON  
 AT: MA  
 COUNTY: SAVIN HILL STATE: MA



PURPOSE:  
 IMPROVEMENT DREDGING

APPLICATION BY:  
 UNIVERSITY OF MASSACHUSETTS

SHEET 8 OF 8  
 DATE: 01/31/06