

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
WATERWAYS REGULATION PROGRAM**

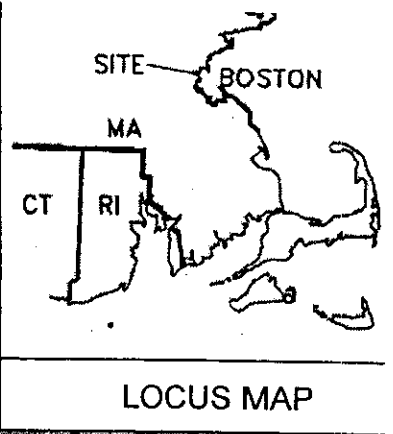
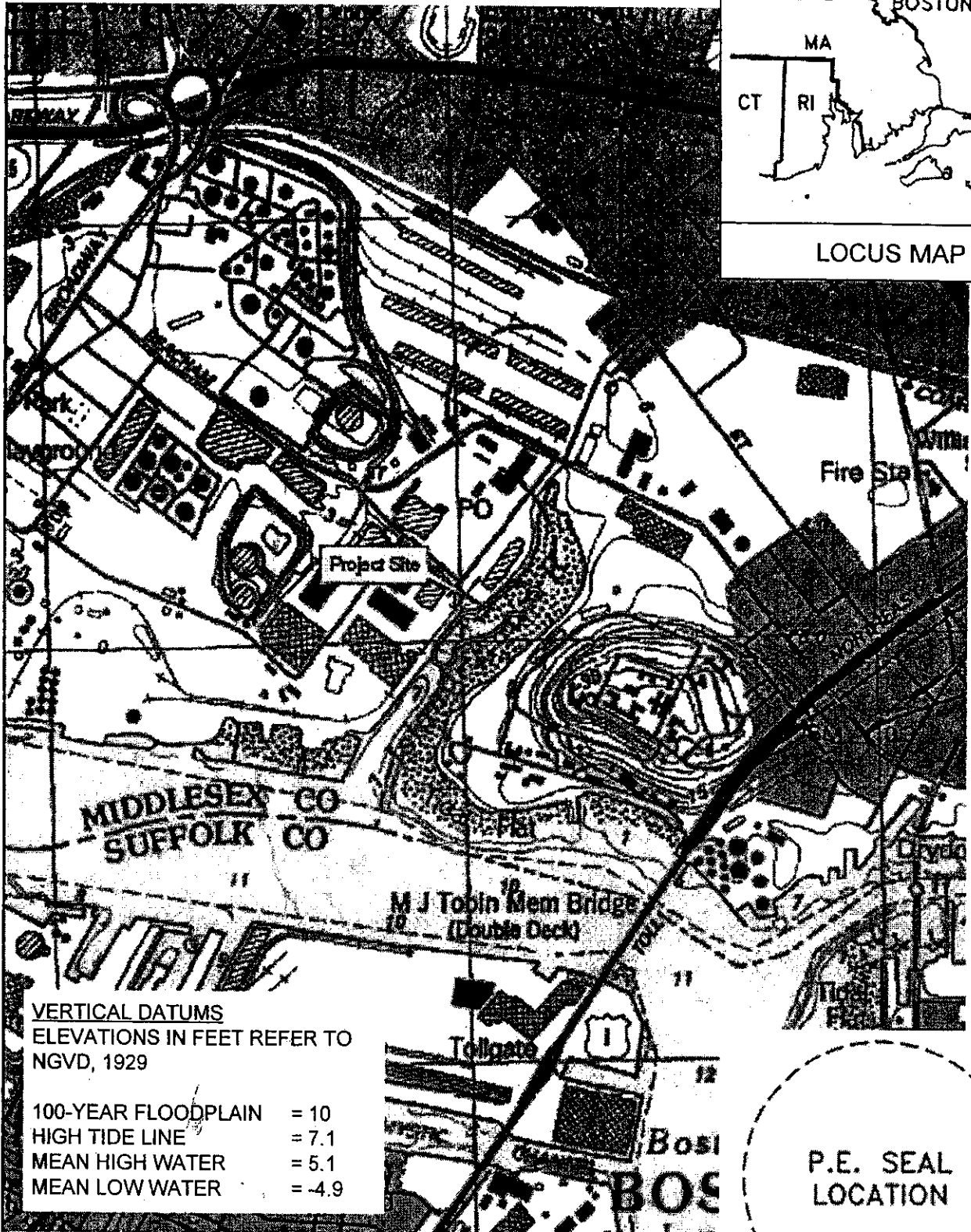
**Notice of License Application pursuant to M. G. L. Chapter 91  
Waterways License Application Number W05-1397  
KHB Ventures, LLC**

**NOTIFICATION DATE: August 19, 2005**

Public notice is hereby given of the application by KHB Ventures, LLC to dredge approximately 72,000 cy of sediment and to construct and maintain a Confined Disposal Facility at Market and Behen Streets in the municipality of Everett in and over the waters of the Island End River. The project is being proposed under a Release Abatement Measure under the Massachusetts Contingency Plan, 310 CMR 40.0000 and is a water dependent project.

The Department will consider all written comments on this Waterways application received by within 30 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: Ben Lynch, Program Chief, WRP, One Winter St., 6<sup>th</sup> fl., Boston, MA 02108.



**VERTICAL DATUMS**  
 ELEVATIONS IN FEET REFER TO  
 NGVD, 1929

100-YEAR FLOODPLAIN	= 10
HIGH TIDE LINE	= 7.1
MEAN HIGH WATER	= 5.1
MEAN LOW WATER	= -4.9

P.E. SEAL  
 LOCATION

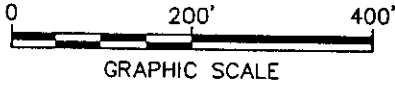
**VICINITY MAP**

PLANS ACCOMPANYING THE PETITION OF  
 KHB VENTURE, LLC

IN: ISLAND END RIVER  
 AT: EVERETT, MIDDLESEX COUNTY AND  
 CHELSEA, SUFFOLK COUNTY, MA

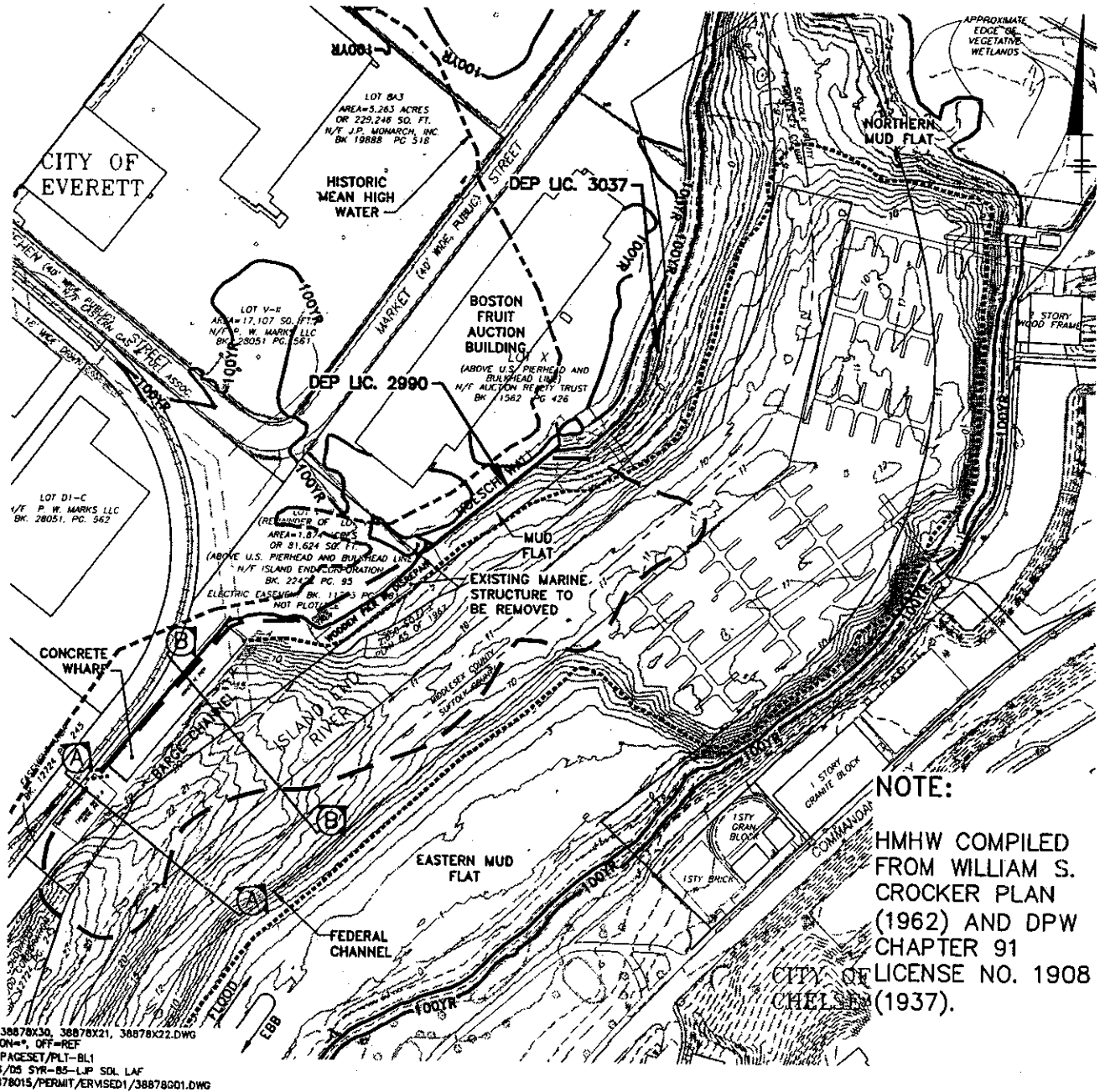
**NOTE:**

1. WATER DEPTH CONTOURS PROVIDED BY OCEAN SURVEYS, INC. AUGUST 2004.
2. COORDINATES ARE IN FEET IN THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM, MAINLAND ZONE (NAD83).
3. ELEVATIONS ARE IN FEET AND ARE REFERENCED TO THE NATIONAL VERTICAL DATUM 1929 (NGVD29).



**LEGEND:**

- SECTION LOCATION (SHEET 3)
- RAM AREA
- EXISTING CHANNEL
- LOT LINE
- SURFACE/MUDLINE ELEVATION (NGVD29)
- 100 YEAR FLOODPLAIN (EL. 10 FT)
- MEAN HIGH WATER (EL. 5.1 FT)
- MEAN LOW WATER (EL. -4.9 FT)
- HISTORIC MEAN HIGH WATER

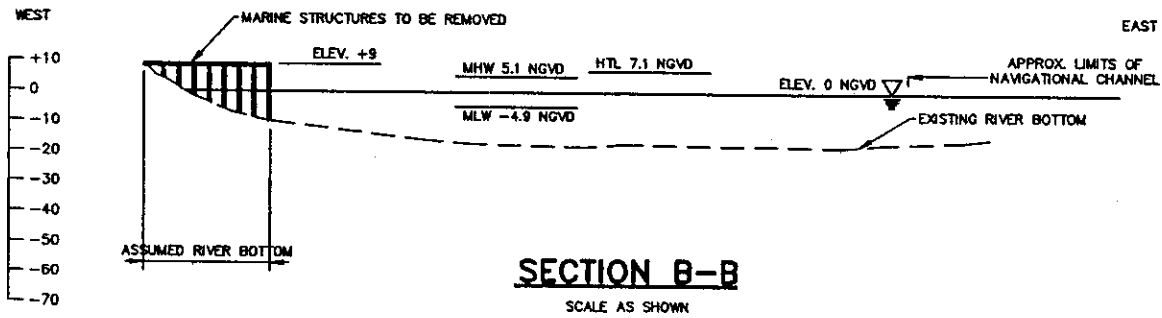
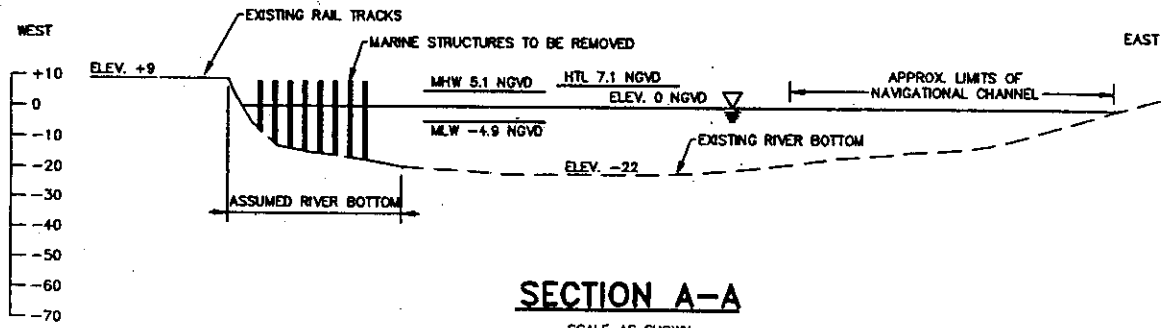


**NOTE:**  
HMHW COMPILED FROM WILLIAM S. CROCKER PLAN (1962) AND DPW CHAPTER 91 LICENSE NO. 1908 (1937).

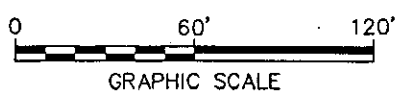
PURPOSE: CREATION OF CONFINED DISPOSAL FACILITY AND DREDGING IN ISLAND END RIVER FOR RELEASE ABATEMENT MEASURE

## EXISTING CONDITIONS PLAN

PLANS ACCOMPANYING THE PETITION OF KHB VENTURE, LLC  
IN: ISLAND END RIVER AT: EVERETT, MIDDLESEX COUNTY, MASSACHUSETTS AND CHELSEA, SUFFOLK COUNTY, MASSACHUSETTS



LEGEND:  
--- EXISTING GROUND



X: 38878X30.DWG  
L: ON=\*, OFF=REF  
P: PAGESET/PLT-BP1  
7/7/05 ANNAP-90-TMD SYR-B5-LAF SOL  
38878015/PERMIT/REVISED1/38878G07.DWG

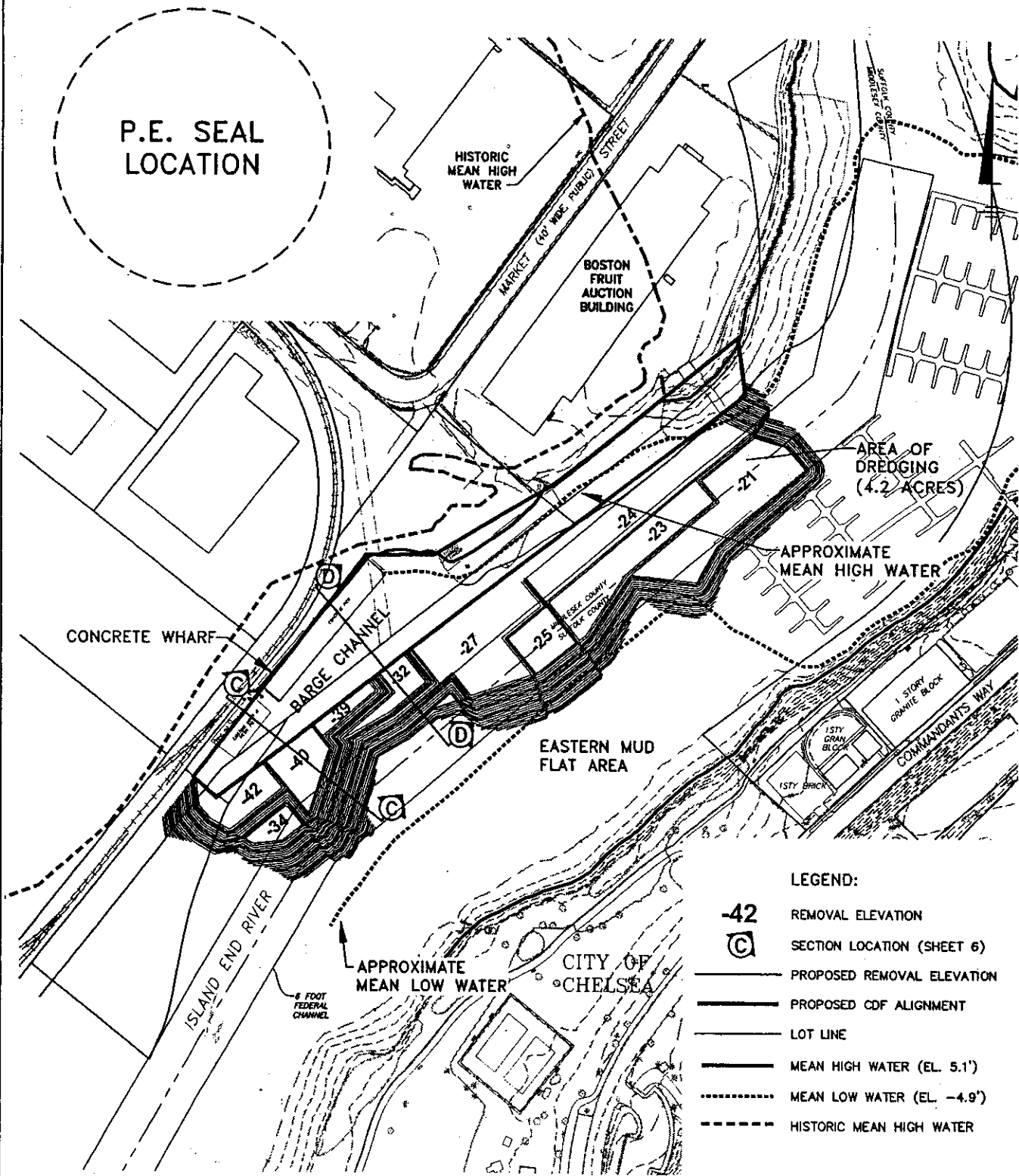
PURPOSE: CREATION OF CONFINED DISPOSAL FACILITY AND DREDGING IN ISLAND END RIVER FOR RELEASE ABATEMENT MEASURE

**EXISTING CONDITIONS  
TYPICAL SECTIONS**

PLANS ACCOMPANYING THE PETITION OF KHB VENTURE, LLC

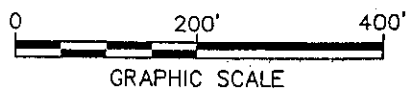
IN: ISLAND END RIVER.  
AT: EVERETT, MIDDLESEX COUNTY, MASSACHUSETTS AND  
CHELSEA, SUFFOLK COUNTY, MASSACHUSETTS

BBL  
Blasland, Bouck & Lee, Inc.  
100 Cummings Center Suite 322G  
Beverly, MA 01915-6112



P.E. SEAL LOCATION

- LEGEND:**
- 42 REMOVAL ELEVATION
  - (C) SECTION LOCATION (SHEET 6)
  - PROPOSED REMOVAL ELEVATION
  - PROPOSED CDF ALIGNMENT
  - LOT LINE
  - MEAN HIGH WATER (EL. 5.1')
  - MEAN LOW WATER (EL. -4.9')
  - - - HISTORIC MEAN HIGH WATER



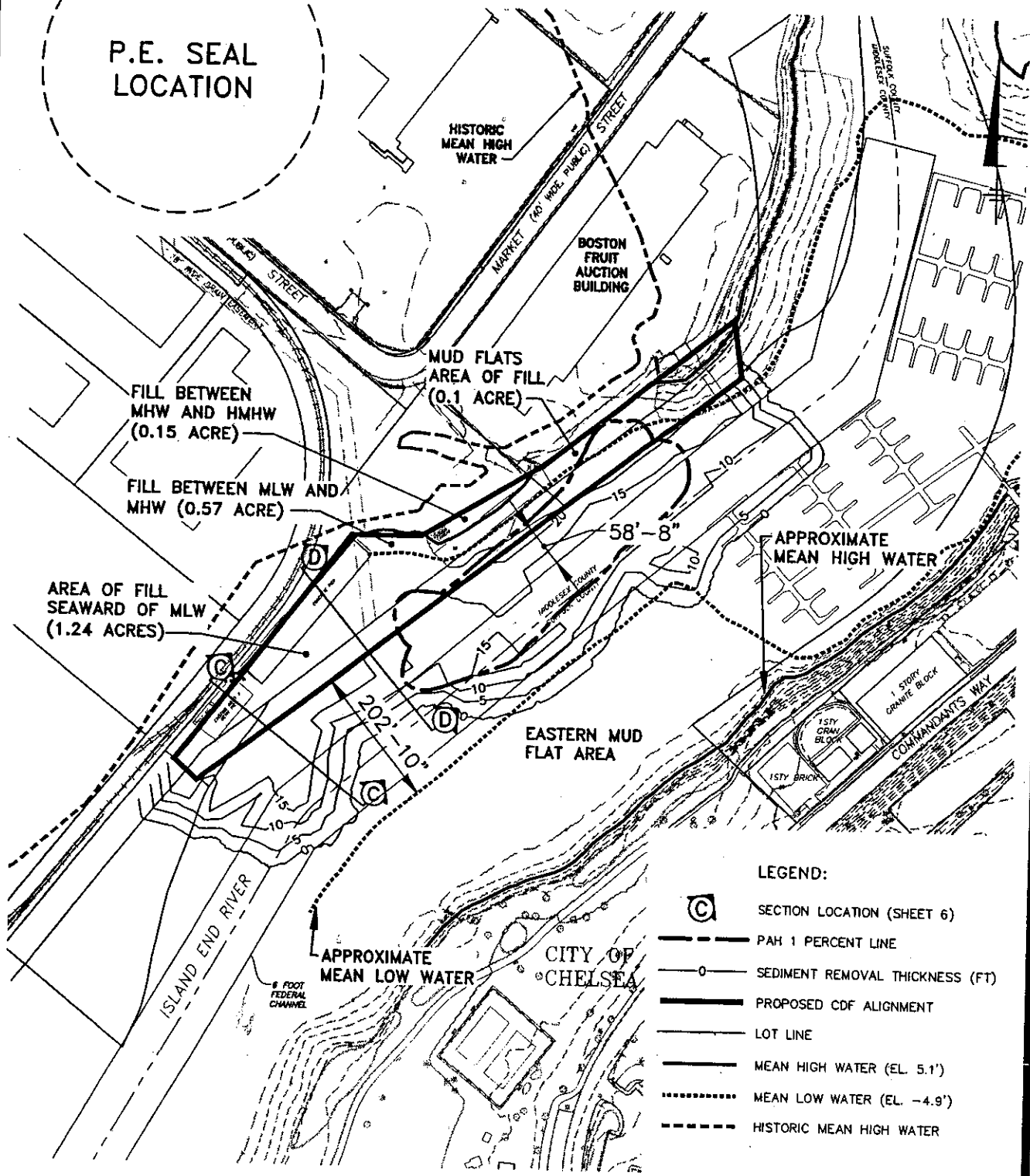
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 7/6/05 ANNAP-90-TMD SYR-85-LJP LAF  
 38878015/PERMIT/REVISED/38878G04.DWG

PURPOSE: CREATION OF CONFINED DISPOSAL FACILITY AND DREDGING IN ISLAND END RIVER FOR RELEASE ABATEMENT MEASURE

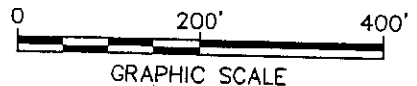
## PROPOSED DREDGING PLAN

PLANS ACCOMPANYING THE PETITION OF KHB VENTURE, LLC  
 IN: ISLAND END RIVER AT: EVERETT, MIDDLESEX COUNTY, MASSACHUSETTS AND CHELSEA, SUFFOLK COUNTY, MASSACHUSETTS

P.E. SEAL LOCATION



- LEGEND:**
- SECTION LOCATION (SHEET 6)
  - PAH 1 PERCENT LINE
  - SEDIMENT REMOVAL THICKNESS (FT)
  - PROPOSED CDF ALIGNMENT
  - LOT LINE
  - MEAN HIGH WATER (EL. 5.1')
  - MEAN LOW WATER (EL. -4.9')
  - HISTORIC MEAN HIGH WATER



X: 38878X30, 38878X21.DWG, 38878X022.DWG  
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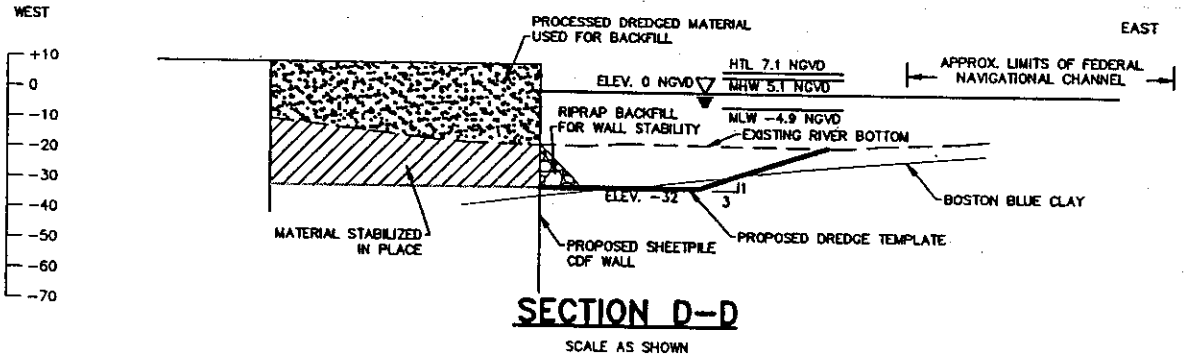
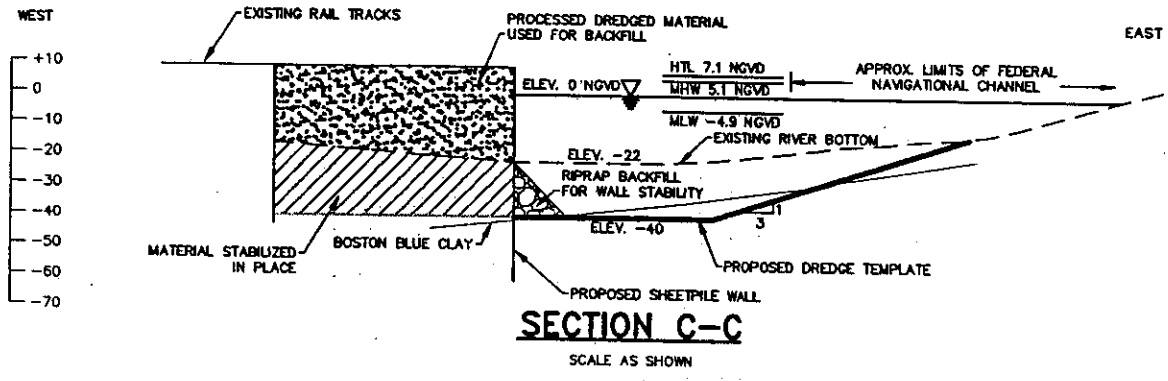
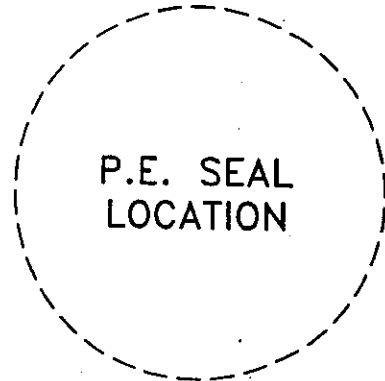
PURPOSE: CREATION OF CONFINED DISPOSAL FACILITY AND DREDGING IN ISLAND END RIVER FOR RELEASE ABATEMENT MEASURE

## SHORELINE CHANGES PLAN

PLANS ACCOMPANYING THE PETITION OF KHB VENTURE, LLC

IN: ISLAND END RIVER  
 AT: EVERETT, MIDDLESEX COUNTY, MASSACHUSETTS AND CHELSEA, SUFFOLK COUNTY, MASSACHUSETTS

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 Beverly, MA 01915-6112



- LEGEND:
- EXISTING RIVER BOTTOM
  - BOSTON BLUE CLAY
  - PROPOSED DREDGE TEMPLATE



X: 38878X30.DWG  
L: ON=\*, OFF=REF  
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7/8/05 ANNAP-PO-TMO SYR-85-SDL LAF  
38878015/PERMIT/REVISED/38878002.DWG

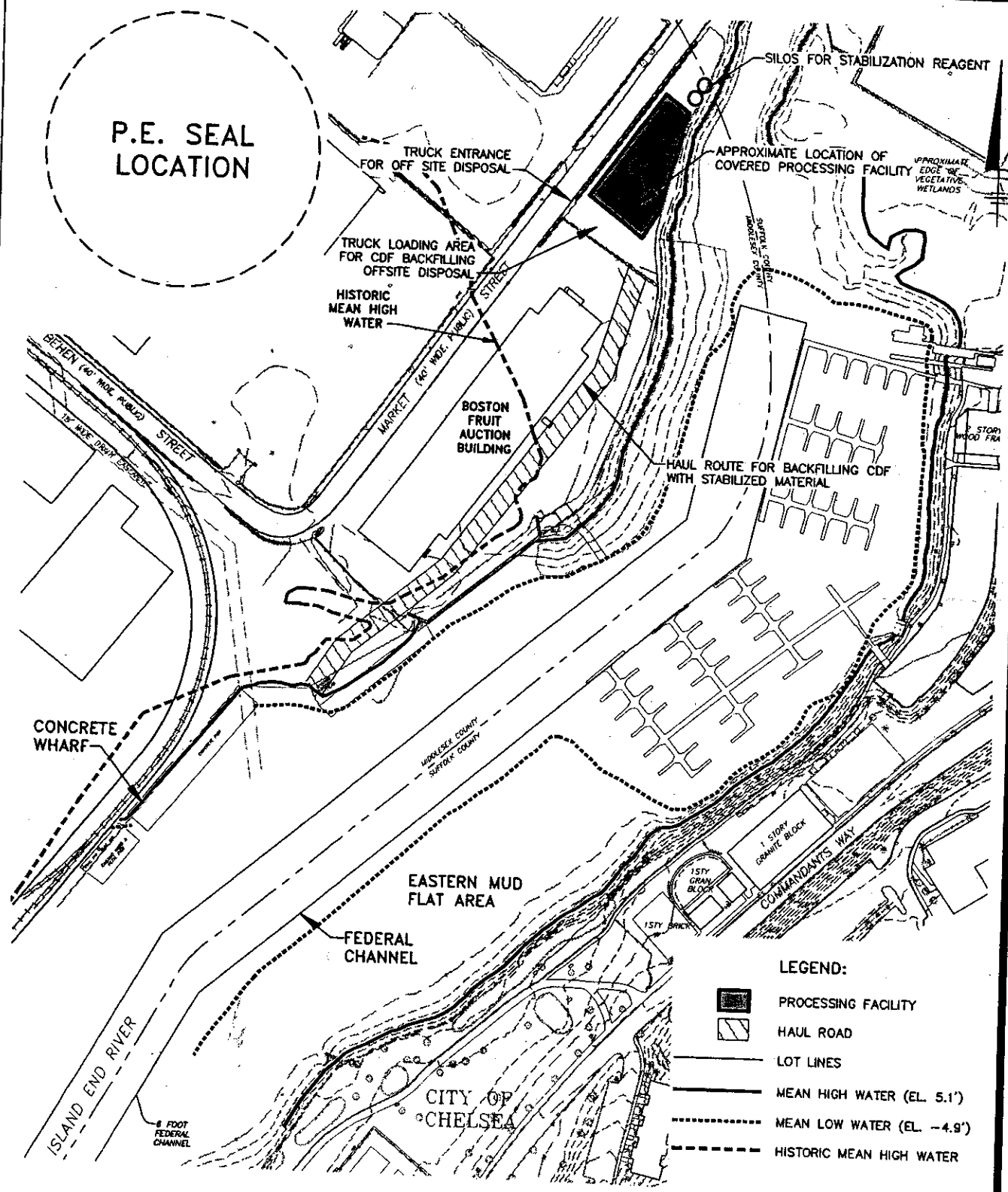
PURPOSE: CREATION OF CONFINED DISPOSAL FACILITY AND DREDGING IN ISLAND END RIVER FOR RELEASE ABATEMENT MEASURE

## PROPOSED CHANGES DREDGING SECTIONS

PLANS ACCOMPANYING THE PETITION OF KHB VENTURE, LLC

IN: ISLAND END RIVER  
AT: EVERETT, MIDDLESEX COUNTY, MASSACHUSETTS AND  
CHELSEA, SUFFOLK COUNTY, MASSACHUSETTS

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Beverly, MA 01915-5112



P.E. SEAL  
LOCATION

SILOS FOR STABILIZATION REAGENT

TRUCK ENTRANCE  
FOR OFF SITE DISPOSAL

APPROXIMATE LOCATION OF  
COVERED PROCESSING FACILITY

TRUCK LOADING AREA  
FOR CDF BACKFILLING  
OFFSITE DISPOSAL

HISTORIC  
MEAN HIGH  
WATER

BOSTON  
FRUIT  
AUCTION  
BUILDING

HAUL ROUTE FOR BACKFILLING CDF  
WITH STABILIZED MATERIAL







CONCRETE  
WHARF

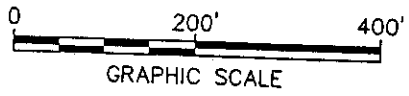
EASTERN MUD  
FLAT AREA

FEDERAL  
CHANNEL

CITY OF  
CHELSEA

**LEGEND:**

-  PROCESSING FACILITY
-  HAUL ROAD
-  LOT LINES
-  MEAN HIGH WATER (EL. 5.1')
-  MEAN LOW WATER (EL. -4.9')
-  HISTORIC MEAN HIGH WATER



X: 38878X30, 38878X21, 38878X022.DWG  
L: DN=\*, OFF=REF  
P: PAGESET/PLY-BL1  
7/8/05 ANMAP-90-TMD SYR-85-LJP LAF  
38878015/PERMIT/REVISED1/38878005.DWG

PURPOSE: CREATION OF CONFINED  
DISPOSAL FACILITY AND DREDGING  
IN ISLAND END RIVER FOR RELEASE  
ABATEMENT MEASURE

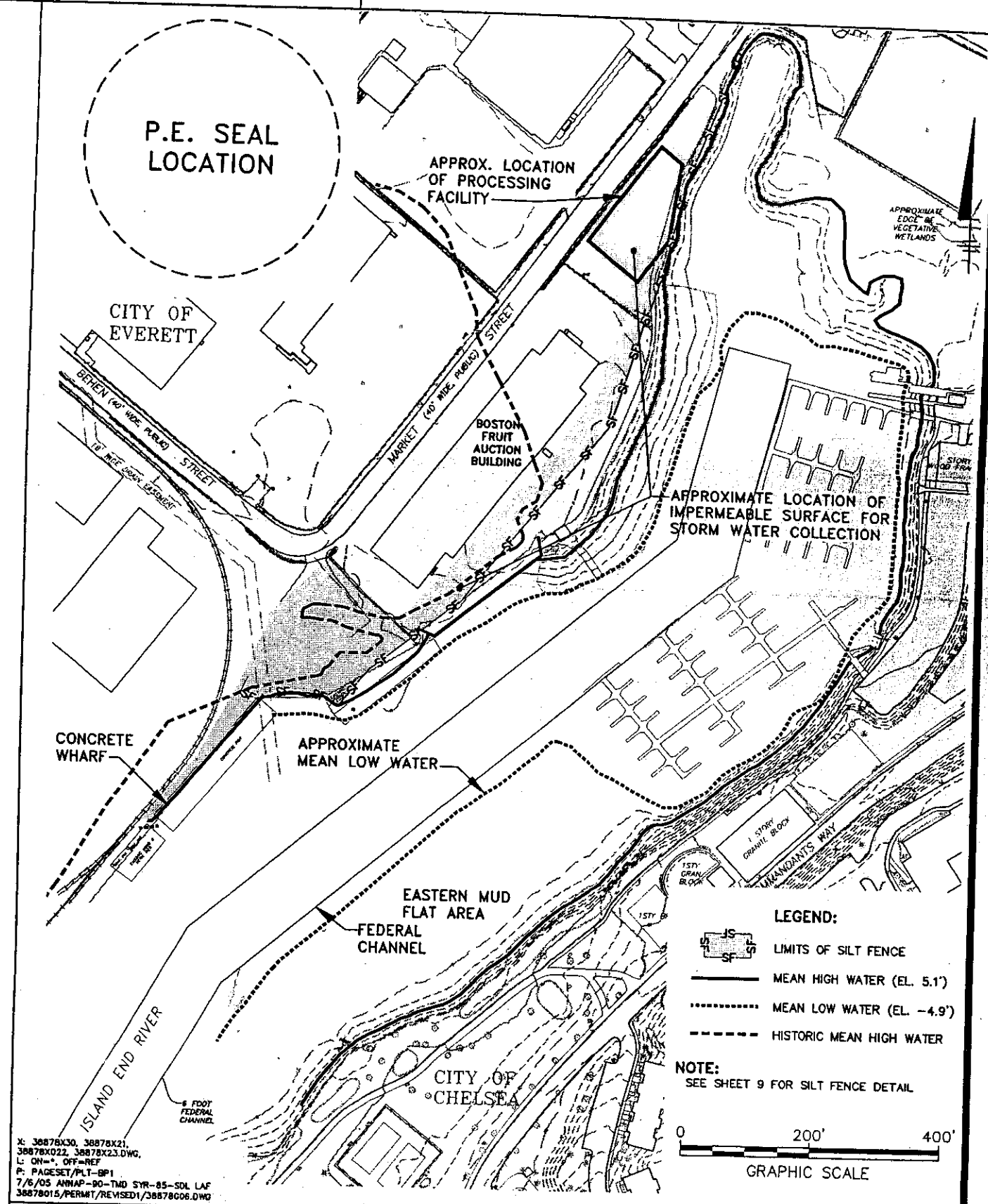
## CONCEPTUAL DREDGED MATERIAL PROCESSING LAYOUT

PLANS ACCOMPANYING THE PETITION OF  
KHB VENTURE, LLC

IN: ISLAND END RIVER  
AT: EVERETT, MIDDLESEX COUNTY,  
MASSACHUSETTS AND  
CHELSEA, SUFFOLK COUNTY,  
MASSACHUSETTS

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Blastand, Bouck & Lee, Inc.  
100 Cummins Center Suite 302C





X: 38878X30, 38878X21,  
 38878X022, 38878X23.DWG,  
 L: ON=\*, OFF=REF  
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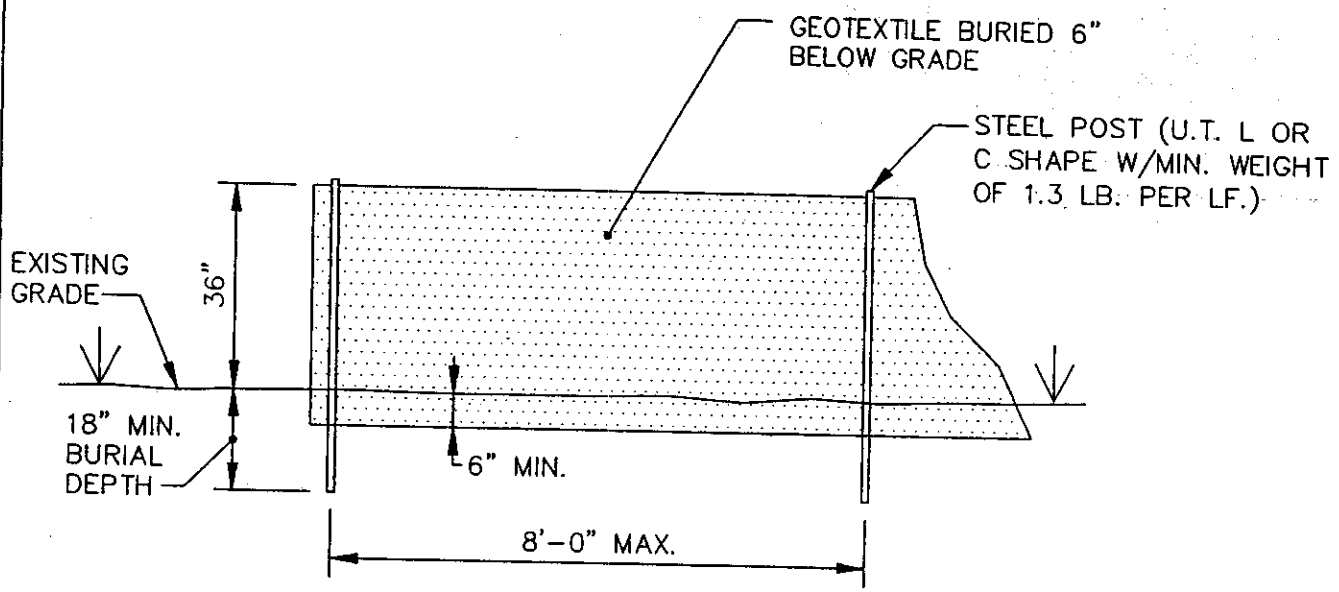
PURPOSE: CREATION OF CONFINED DISPOSAL FACILITY AND DREDGING IN ISLAND END RIVER FOR RELEASE ABATEMENT MEASURE

**EROSION /  
 SEDIMENTATION  
 CONTROLS PLAN**

PLANS ACCOMPANYING THE PETITION OF  
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 IN: ISLAND END RIVER  
 AT: EVERETT, MIDDLESEX COUNTY,  
 MASSACHUSETTS AND  
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 MASSACHUSETTS

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P.E. SEAL  
LOCATION



# SILT FENCE

N.T.S.

**NOTE:**  
IN AREAS WHERE AN IMPERVIOUS SURFACE EXISTS, THE SURFACE WILL BE TRENCHED (I.E. BROKEN UP) TO ALLOW FOR INSTALLATION OF THE SILT FENCE.

X: 38878X30, 38878X21.DWG  
L: DWG, OFF-REF  
P: PAGESET/PLT-BL1  
7/6/05 ANNAP-90-TMD SYR-85-TJR LAF  
38878015/PERMIT/REVISED1/38878G08.DWG

PURPOSE: CREATION OF CONFINED DISPOSAL FACILITY AND DREDGING IN ISLAND END RIVER FOR RELEASE ABATEMENT MEASURE

## EROSION / SEDIMENTATION CONTROLS DETAIL

PLANS ACCOMPANYING THE PETITION OF KHB VENTURE, LLC  
  
IN: ISLAND END RIVER  
AT: EVERETT, MIDDLESEX COUNTY, MASSACHUSETTS AND  
CHELSEA, SUFFOLK COUNTY, MASSACHUSETTS