

**DEPARTMENT OF ENVIRONMENTAL PROTECTION  
WATERWAYS REGULATION PROGRAM**

**Notice of License Application pursuant to M. G. L. Chapter 91  
Waterways License Application Number W08-2248  
Winchester Boat Club**

**NOTIFICATION DATE: March 18, 2008**

Public notice is hereby given of the application by the Winchester Boat Club to construct and maintain a concrete block jetty; and repair and maintain an existing boat ramp and seawall at 65 Cambridge Street in the municipality of Winchester in and over the waters of the Upper Mystic Lake. The proposed use of the project is to provide access to navigable waters and shoreline stabilization; 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).

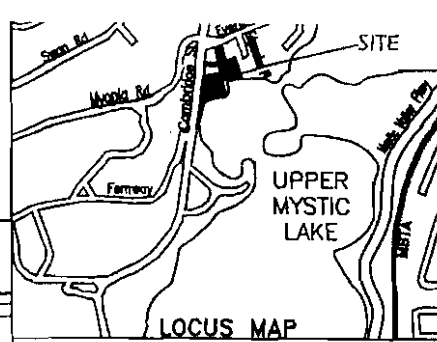
Additional information regarding this application may be obtained by contacting the Waterways Regulation Program at (617) 292-5500. Project plans and documents for this application are on file with the Waterways Regulation Program for public viewing, by appointment only, at the address below. Written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



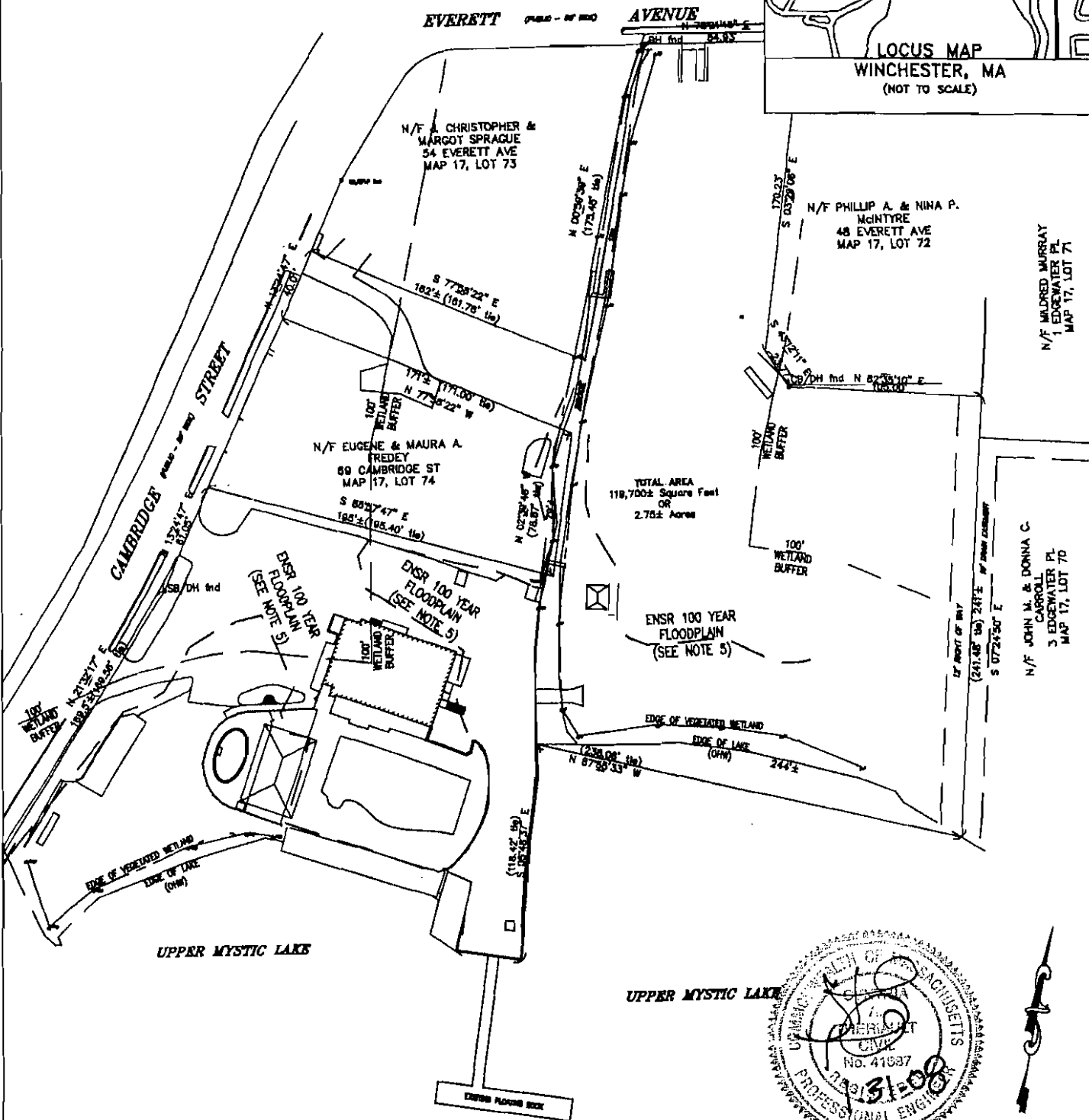
( IN FEET )

1 inch = 80 ft.

# EXISTING CONDITIONS

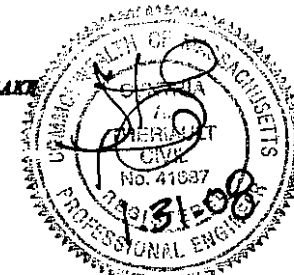


EVERETT AVENUE



TOTAL AREA  
118,700± Square Feet  
OR  
2.75± Acres

ENSR 100 YEAR  
FLOODPLAIN  
(SEE NOTE 5)



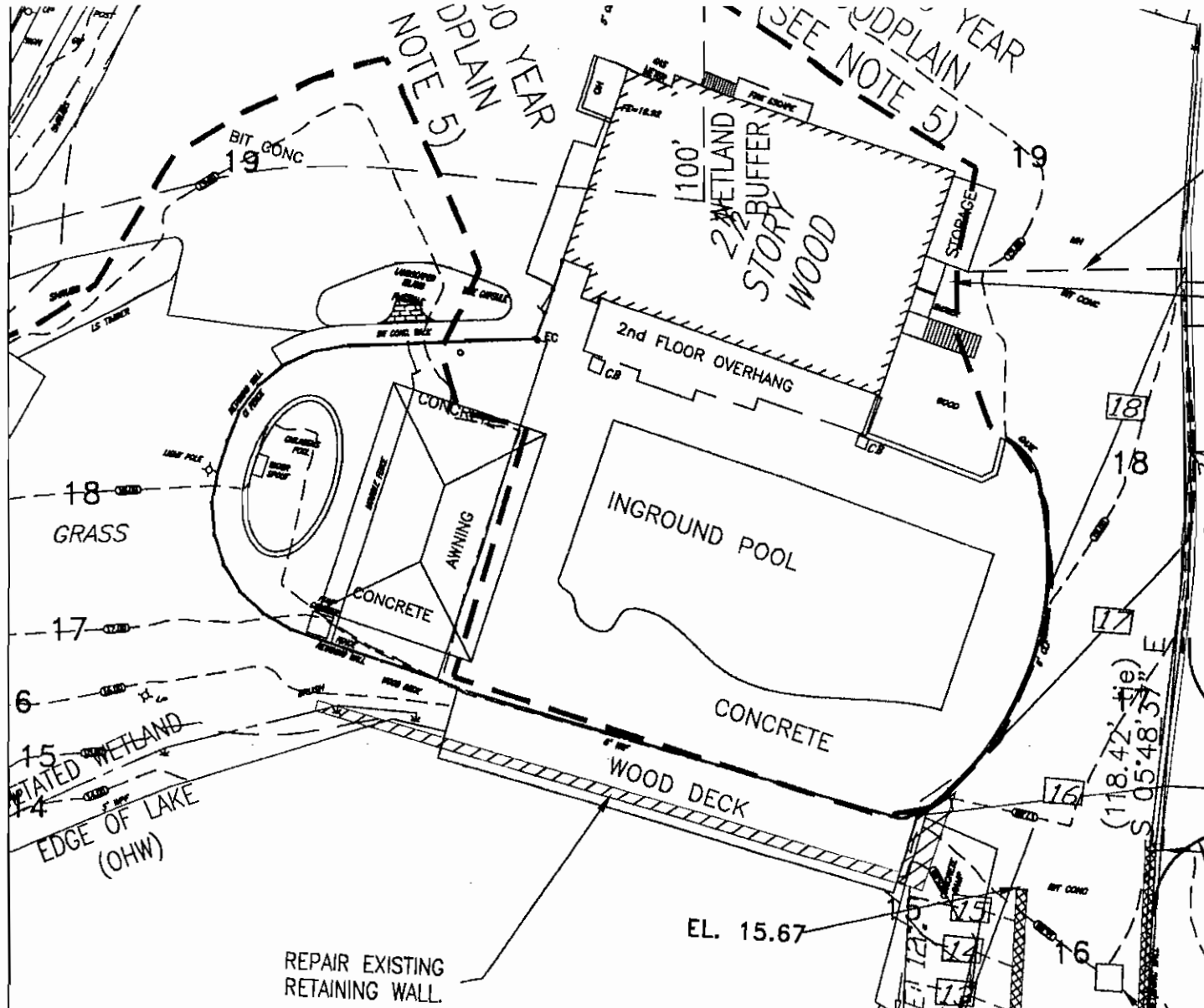
UPPER MYSTIC LAKE

## PLANS ACCOMPANYING PETITION OF THE WINCHESTER BOAT CLUB FOR CONSTRUCTION OF BOAT RAMP & JETTY UPPER MYSTIC LAKE WINCHESTER, MA

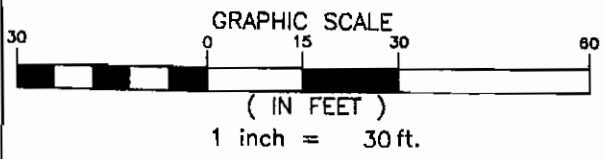
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1"=80'  
1 OF 8

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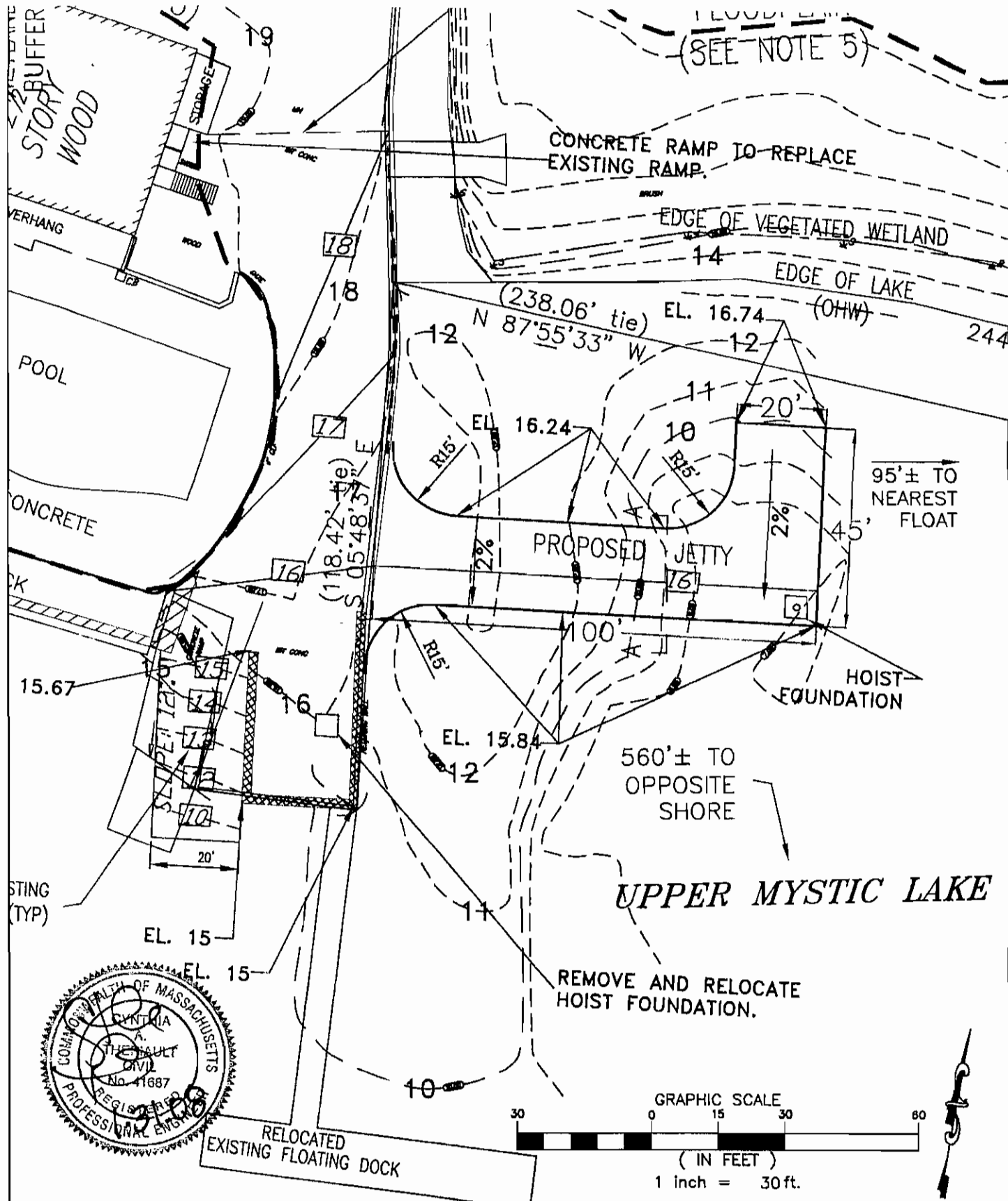


**UPPER MYSTIC LAKE**



PROPOSED CONDITIONS: BOAT RAMP

PLANS ACCOMPANYING PETITION  
OF THE  
WINCHESTER BOAT CLUB  
FOR  
CONSTRUCTION OF BOAT RAMP & JETTY  
UPPER MYSTIC LAKE  
WINCHESTER, MA



(SEE NOTE 5)

CONCRETE RAMP TO REPLACE EXISTING RAMP.

EDGE OF VEGETATED WETLAND

EDGE OF LAKE (OHW)

(238.06' tie) EL. 16.74  
N 87°55'33" W

(118.42' tie) EL. 16.24  
S 05°48'37" E

95'± TO NEAREST FLOAT

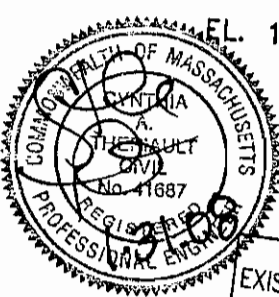
PROPOSED JETTY

HOIST FOUNDATION

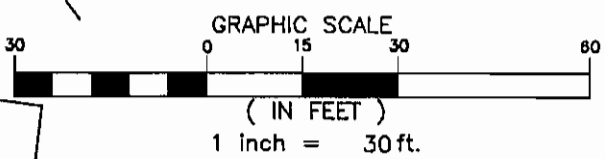
560'± TO OPPOSITE SHORE

UPPER MYSTIC LAKE

REMOVE AND RELOCATE HOIST FOUNDATION.



RELOCATED EXISTING FLOATING DOCK

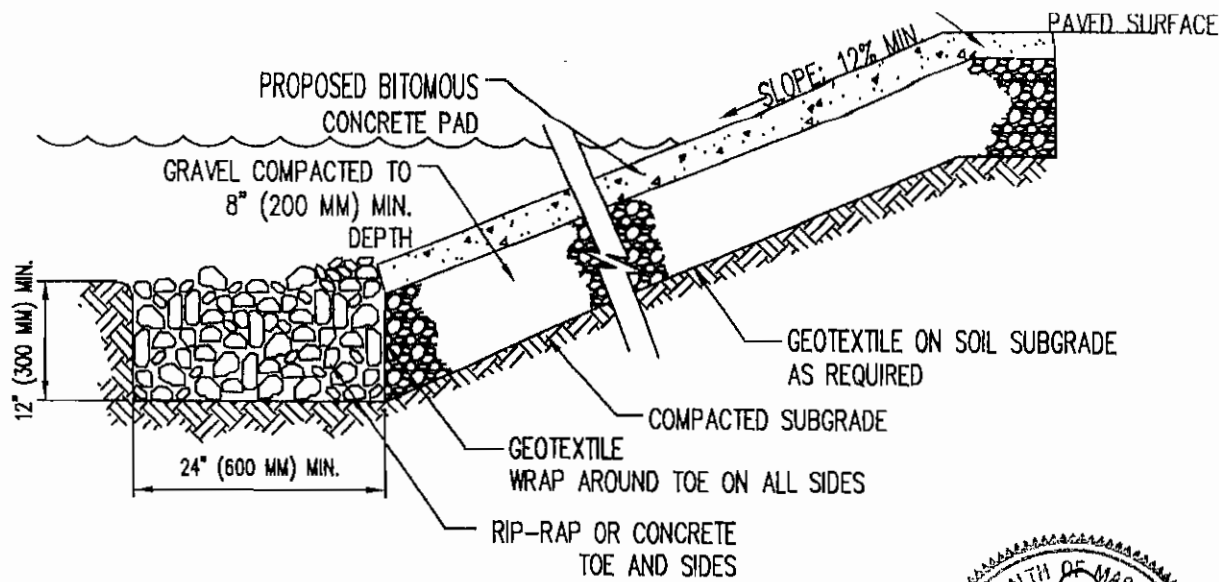


PROPOSED CONDITIONS: JETTY

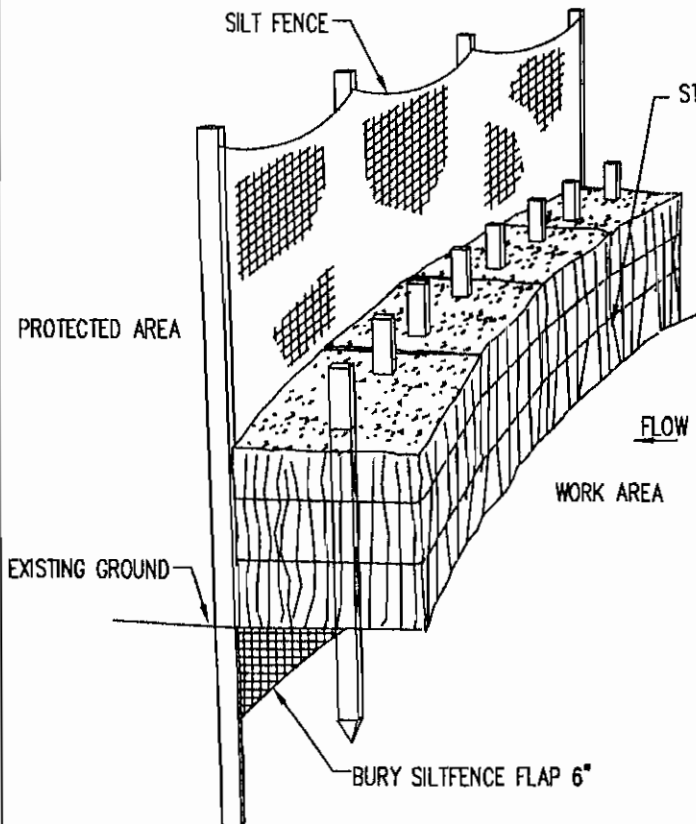
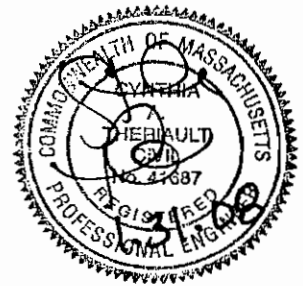
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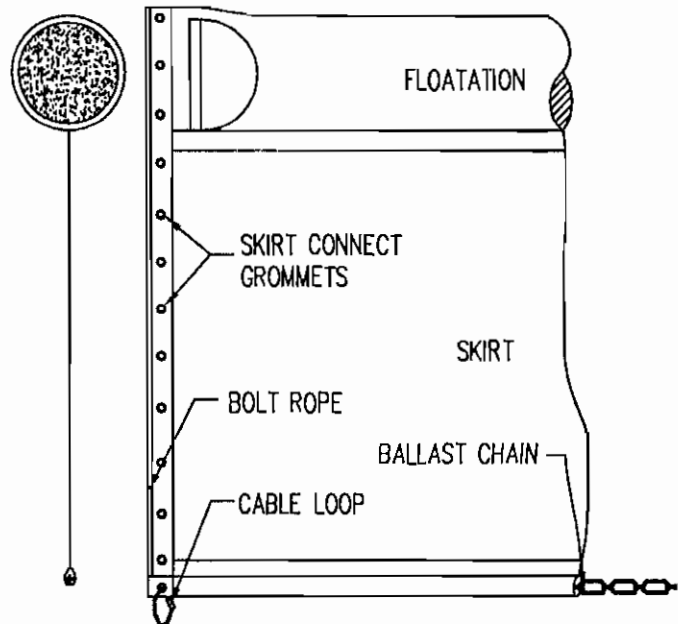
1"=30'  
3 OF 8



**BOAT RAMP RECONSTRUCTION**  
NOT TO SCALE



**SILTFENCE HAYBALE BARRIER DETAIL**  
NOT TO SCALE



**TYPICAL SILT-CURTAIN BARRIER DETAIL**  
NOT TO SCALE

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AS NOTED  
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TOP OF CONCRETE  
CAP EL: 16.5 TO 18.5

**DETAIL 3-3**  
**PROPOSED FOUNDATION ENHANCEMENT**  
**AT MORTARED STONE RETAINING WALL**

SCALE: 1" = 3'

EXISTING MORTARED  
STONE RETAINING WALL

HAND EXCAVATED AREA  
6" TO 12" DEEP DEPENDING  
ON MATERIALS ENCOUNTERED

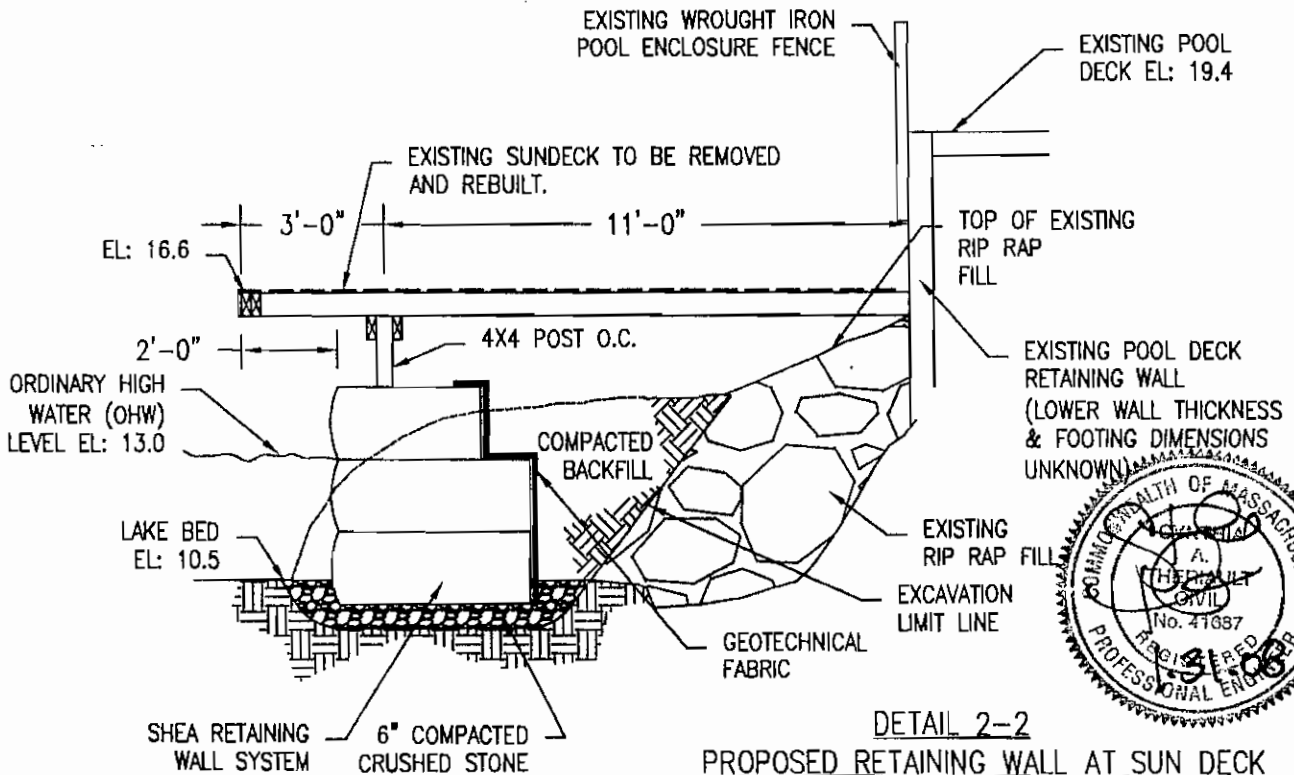
1'-0"±

POURED IN PLACE CONCRETE  
TOP EL: 13.5±

TYPICAL WATER  
LEVEL

WATERCOURSE BED  
EL: 11.5 TO 12.5

TEMPORARY SANDBAG  
COFFERDAM

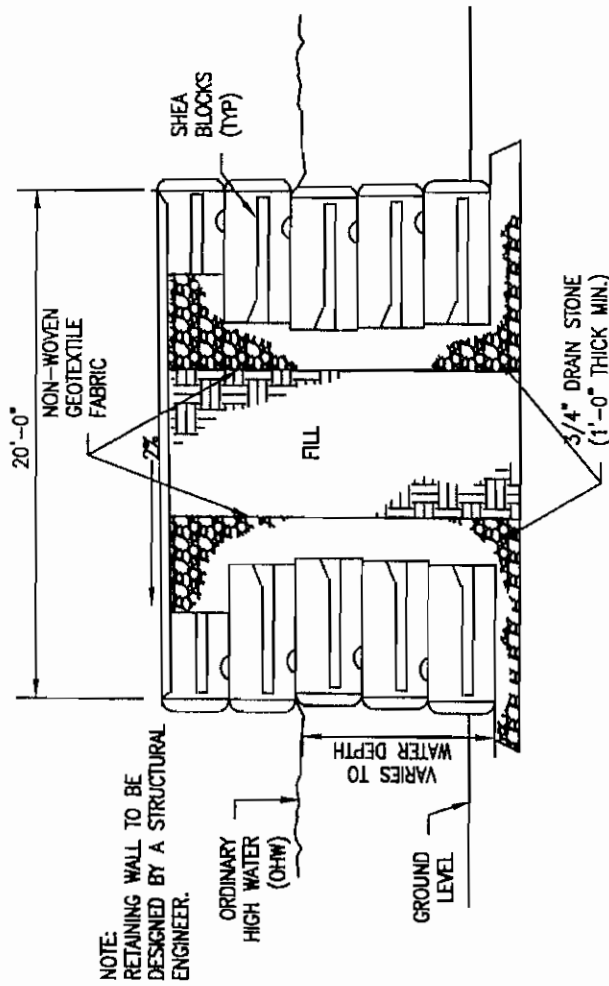


**DETAIL 2-2**  
**PROPOSED RETAINING WALL AT SUN DECK**  
SCALE: 1" = 3'

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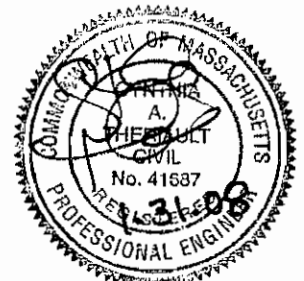
AS NOTED  
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STONE JETTY  
 CROSS - SECTION A-A

NOT TO SCALE

APPROXIMATE VOLUME OF FILL FOR JETTY 520± C.Y.  
 (INCLUDES BOTH REDI-ROCK BLOCKS AND LOOSE FILL)

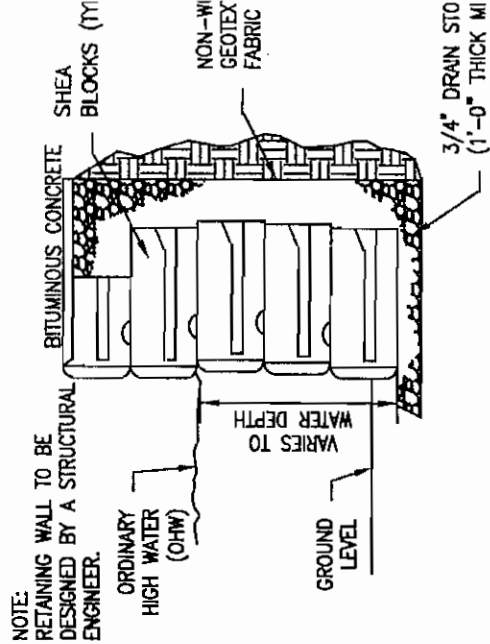


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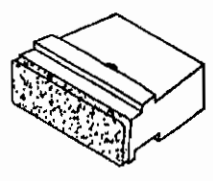
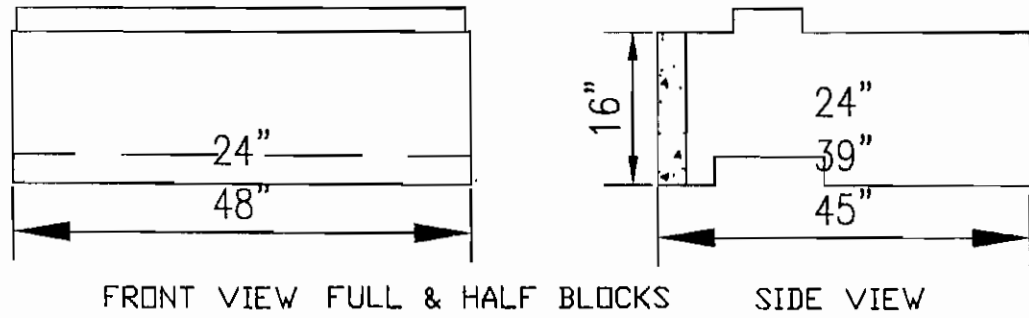
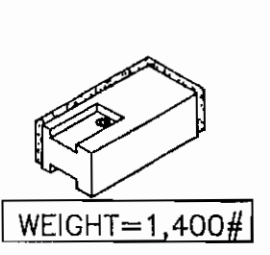
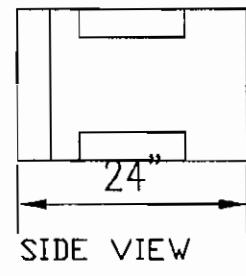
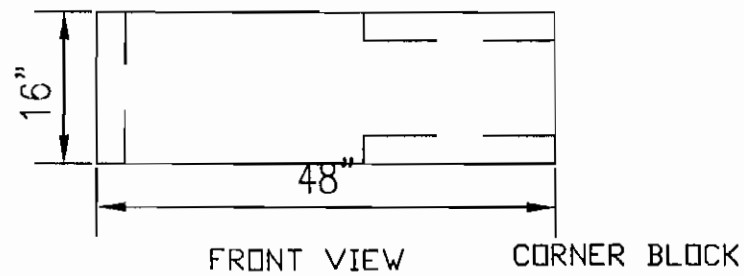
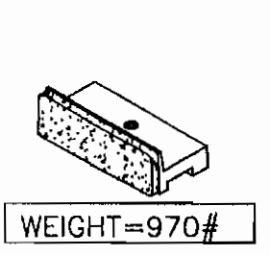
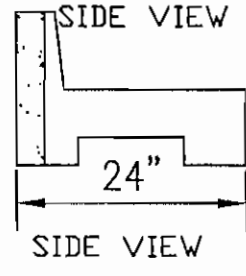
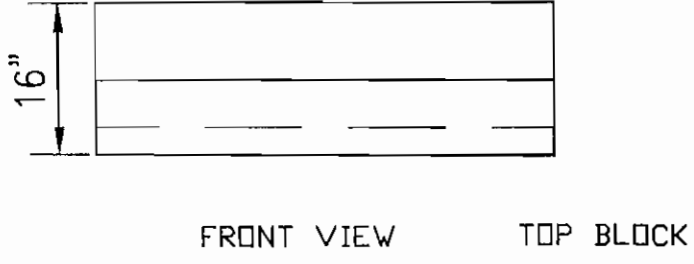
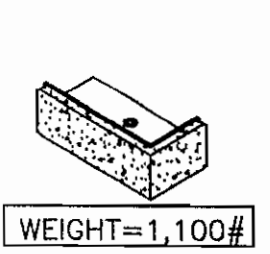
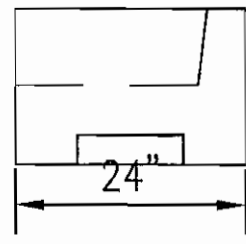
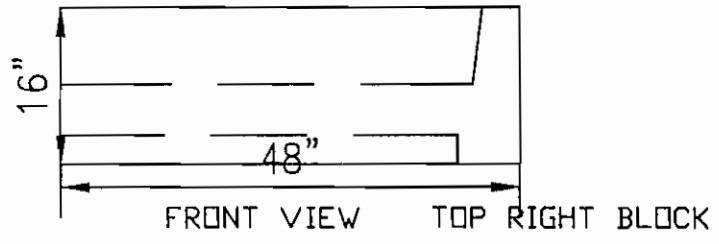
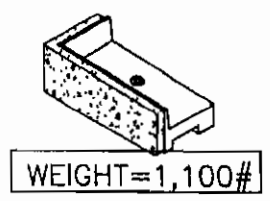
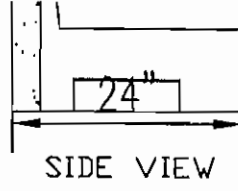
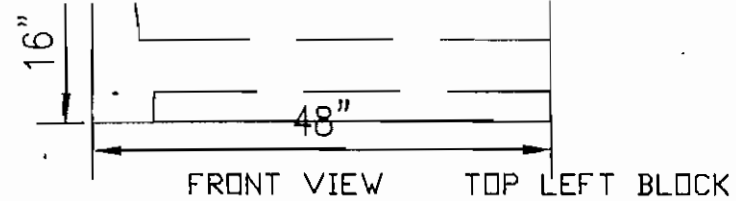
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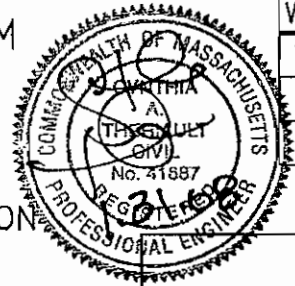
DETAIL 1-1  
 TYPICAL RETAINING WALL

NOT TO SCALE



SHEA WALL SYSTEM  
BLOCK TYPES

WEIGHT	DEPTH		
	24"	39"	45"
48"	1,400#	2,200#	2,500#
24"	660#	970#	1,100#



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△	PROPOSED SURVEY CONTROL POINTS
▲	ACTUAL SURVEY CONTROL POINTS, AS SET
BIT *CONC	BITUMINOUS CONCRETE
CB	CATCHBASIN
CLF	CHAIN LINK FENCE
CONC	CONCRETE
EC	ELECTRIC CONDUIT
EMH	ELECTRIC MANHOLE
GG	GAS GATE
GRAN	GRANITE CURB
GW	GUY WIRE
HYD	HYDRANT
I=	INVERT
LP	LIGHT POLE
LS	LANDSCAPED
MH	MANHOLE
R/W	RETAINING WALL
SMH	SEWER MAHHOLE
T12	12" TREE
UP	UTILITY POLE
WPF	WOOD PICKET FENCE
WSF	WOOD STOCKADE FENCE
20.12	SPOT ELEVATION
-----	OVERHEAD WIRE
○○○○○○	STONEWALL
↓ <sup>16</sup>	WETLAND FLAG

NOTES

- 1) ELEVATIONS REFER TO TOWN OF WINCHESTER DATUM.
- 2) BENCHMARK USED: DRAIN MANHOLE 2+01.16 ON TOWN ON WINCHESTER PLAN & PROFILE OF DRAIN 10/7/1938. ELEV = 17.82.
- 3) UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. BEFORE DESIGN AND CONSTRUCTION CALL "DIG SAFE" 1-800-322-4844. SOME DATA IS CONFLICTING AND CAN ONLY BE VERIFIED BY EXCAVATION.
- 4) 100 YEAR FLOOD ELEVATION IN THIS AREA AS PER FIRM MAP FOR WINCHESTER, MASSACHUSETTS. COMMUNITY PANEL # 250228-0004-B IS 9'-10' (CORRECTED TO TOWN OF WINCHESTER DATUM (14.47'-15.47')).
- 5) ENSR 100 YEAR FLOODPLAIN ELEVATION IS BASED ON TOPOGRAPHY PERFORMED ON 12/21/99 BY ROBER SURVEY. FLOODPLAIN ELEVATION IS BASED ON ENSR PLAN ENTITLED "DRAFT REVISED FLOODPLAIN BOUNDARIES AND BASE FLOOD ELEVATIONS NOVEMBER 2005 FOR REVIEW ONLY - NOT FOR ENFORCEMENT PURPOSES."



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