

EBB  
FLOOD

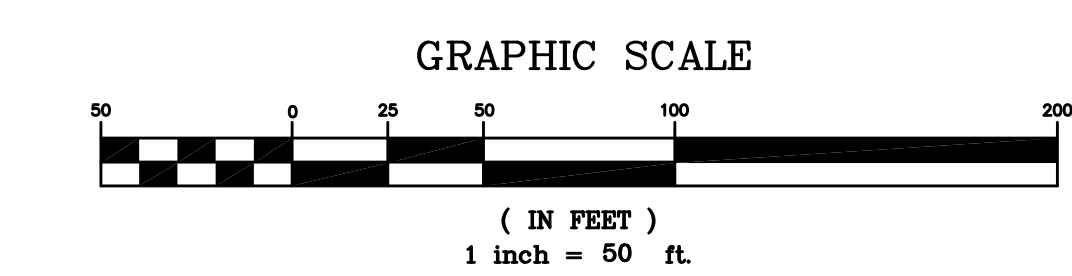
BASIN DREDGE AREA

FEDERAL CHANNEL

16 - SAIL MOORINGS  
(10' MAX.)  
#187-#202

6 - SKIFF MOORINGS (15' MAX.)  
#165-#170

FLOAT RECONFIGURATION ZONE  
AS PER DEPARTMENT OF THE  
ARMY PERMIT NAE-2007-3220



**GENERAL NOTES**

- RESULTS OF HYDROGRAPHY FROM A SURVEY DATED 3/10/09 BY CLE ENGINEERING, INC.
- SOUNDINGS ARE IN FEET AND TENTHS, AND REFER TO DEPTHS BELOW MLW 0.0.
- BENCHMARK IS BM #1, A DRILL HOLE SET AT THE NORTHEAST CORNER OF THE SEAWALL ELEVATION +13.33' MLW.
- COORDINATES ARE BASED ON THE 1983 STATE PLANE SYSTEM FOR THE STATE OF MASSACHUSETTS.
- APPROXIMATE LOCATION OF THE FEDERAL CHANNEL WAS OBTAINED FROM USACE REFERENCE PLAN 'CHANNEL COORDINATES'. APPROX. BUOY LOCATIONS WERE FIELD VERIFIED DURING ABOVE REFERENCE SURVEY DATES.
- THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN, AND CAN ONLY BE CONSIDERED AS INDICATING THE SCABED CONDITIONS AT THAT TIME. INTERPOLATED INFORMATION FROM BETWEEN SOUNDING RUNS IS NOT GUARANTEED. SHOALS, OBSTRUCTIONS OR OTHER DIFFERING CONDITIONS MAY EXIST BETWEEN THESE RUNS. NO SURVEYS WERE CONDUCTED TO LOCATE PROPERTY LINES, CHANNEL LIMITS, EASEMENTS, UTILITIES, STRUCTURES, HABITATS OR ANY OTHER PHYSICAL FEATURES RELATING TO THE PROJECT SITE, NOR DOES CLE WARRANT THE EXISTENCE OR LOCATION OF SAID PHYSICAL FEATURES.
- SHORELINE TOPOGRAPHY WAS TAKEN FROM EXISTING PLANS AND NOT INDEPENDENTLY VERIFIED.

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**PROJECT:** PROPOSED MOORING REGRID  
INNER HARBOR  
HINGHAM HARBOR, HINGHAM, MA

**CLIENT:** TOWN OF HINGHAM  
210 CENTRAL STREET  
HINGHAM, MA 02043

**cle**  
CLE ENGINEERING, INC.  
15 Creek Road, Marion, MA 02738 (508) 748-0937

**SITE PLAN: 40' SCOPE** SHEET 1 OF 1

SCALE:	AS NOTED	CHECKED:	DATE:	03/17/10	DRAWING No.:	Hydrographic Mooring
DRAWN BY:	SEN	BY:	CCP		COMP CODE:	07024.100
REVISION No.:		DATE:			COMMENT:	

**MOORING NOTES**

- SWING LENGTH BASED ON FOLLOWING:  
15' HEAVY CHAIN, 15' LIGHT CHAIN, PENNANT LENGTH = 2.5X WATER LEVEL TO CHOCK (MAX. LENGTH SHOWN = 14'; 10' PLAN VIEW)
- MOORING LOCATION IS AS SHOWN. SWING FROM MOORING LOCATION = VESSEL LENGTH + 40'; FOR VESSELS UP TO 15' SWING IS VESSEL LENGTH + 30'
- REFER TO SOUNDINGS PLAN FOR DEPTHS.
- SWING DIAMETERS FOR VESSELS ARE AS SHOWN AND INCLUDE OVERLAP WHICH MAY ALLOW VESSELS TO HIT ONE ANOTHER OR SWING OUT OF DREDGED AREA.

DRAFT

