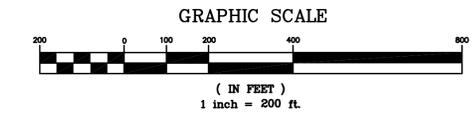


LOCUS MAP
HINGHAM HARBOR, HINGHAM, MA

LEGEND

- 4 — CONTOUR (12/4/09)
- 0 — MLW
- TARGET LOCATION

SURVEY NOTES:
 1. PROJECT NAME: MOORING REORGANIZATION & MAPPING, HINGHAM HARBOR
 2. PROJECT NUMBER: 07024.100
 3. PLOT SCALE: 1"=100'
 4. SURVEY DATE: DECEMBER 4, 2009 (TARGETS 12/8/09 & 6/18/10)
 5. SURVEYOR: M. COUNT, R. SALAZAR, M. PEPIN (TIDES)
 6. VESSEL: CLE SKIFF
 7. TRANS./FATH.: 200 KHZ, NARROW BEAM, ODOM MKII
 8. WEATHER COND: SUNNY, WIND NW 0-5, SEAS CALM 0-1'
 9. PROJECT DATUM: MLW
 10. COOR. SYSTEM: NAD-83, MA-2001 MASS. MAINLAND
 11. DATA REDUCTION: DATA SORTED W/HYPACK SORT, 20' RADIUS MINIMUM VALUE
 12. BENCHMARK: BM #1, A DRILL HOLE SET AT THE NORTHEAST CORNER OF THE SEAWALL ELEVATION +13.33' MLW.



GENERAL NOTES

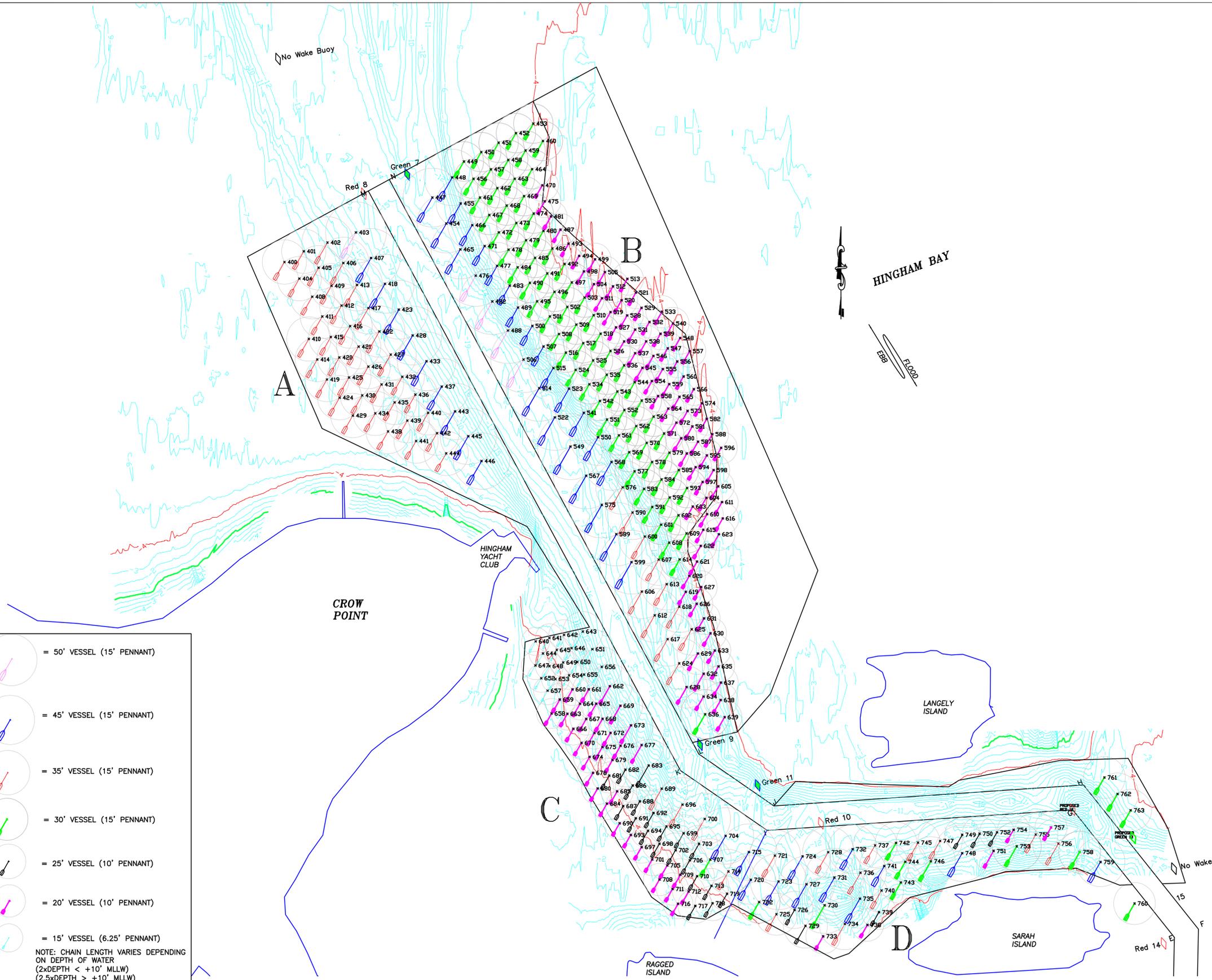
1. RESULTS OF HYDROGRAPHY FROM A SURVEY DATED 12/4/09 BY CLE ENGINEERING, INC. MOORINGS LOCATED USING DIFFERENTIAL GPS BY CLE ENGINEERING, INC. ON 12/8/09 & 6/18/10.
2. SOUNDINGS ARE IN FEET AND TENTHS, AND REFER TO DEPTHS BELOW MLW O.O.
3. BENCHMARK IS BM #1, A DRILL HOLE SET AT THE NORTHEAST CORNER OF THE SEAWALL ELEVATION +13.33' MLW, PK SET IN TOWN PIER ELEVATION 15.02' MLW.
4. COORDINATES ARE BASED ON THE 1983 STATE PLANE SYSTEM FOR THE STATE OF MASSACHUSETTS.
5. 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.
6. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES SHOWN, AND CAN ONLY BE CONSIDERED AS INDICATING THE SEALED 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.
7. SHORELINE TOPOGRAPHY WAS TAKEN FROM EXISTING PLANS AND NOT INDEPENDENTLY VERIFIED.

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- = 50' VESSEL (15' PENNANT)
- = 45' VESSEL (15' PENNANT)
- = 35' VESSEL (15' PENNANT)
- = 30' VESSEL (15' PENNANT)
- = 25' VESSEL (10' PENNANT)
- = 20' VESSEL (10' PENNANT)
- = 15' VESSEL (6.25' PENNANT)

NOTE: CHAIN LENGTH VARIES DEPENDING ON DEPTH OF WATER
 (2xDEPTH < +10' MLLW)
 (2.5xDEPTH ≥ +10' MLLW)

**HINGHAM YACHT CLUB
 MOORING PLAN**
 SCALE: 1" = 200'



PROJECT: MOORING MAPPING & REORGANIZATION
 HINGHAM YACHT CLUB, 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 SHEET 1 OF 1

SCALE:	AS NOTED	CHECKED	DATE	4/27/11	DRAWING No. Hingham Mooring Reorganization
DRAWN BY:	MEC	BY:	SEN		COMP. CODE 07024.100
REVISION No.	DATE	COMMENT			