GENERAL NOTES:
1. SOUNDINGS ARE IN FEET AND TENTHS. THE REFERENCE PLANE IS MEAN LOWER LOW WATER (MLLW) AND IS BASED ON THE 1983-2001 TIDE Epoch. SOUNDINGS NOTED WITH A (+) ARE ABOVE THE REFERENCE PLANE OF MLLW. SOUNDINGS WITHOUT A SIGN ARE BELOW THE REFERENCE PLANE OF MLLW, AND SHOULD BE CONSIDERED NEGATIVE.
2. TOPOGRAPHY SHOWN IS FROM PREVIOUS SURVEYS; AERIAL PHOTOGRAPHS AND NAIP MAPS. ALL TOPOGRAPHY, INCLUDING SHORELINE, BRIDGES, PIERs, ETC., IS LOCATED APPROXIMATELY UNLESS OTHERWISE NOTED AND SHOULD BE USED AS A GENERAL REFERENCE ONLY.
3. BENCHMARK DATA: TIDES WERE RECORDED USING RTK GPS. THE MLLW TO NAVD 88 CORRECTION FOR THIS PROJECT IS 5.23 FEET. THE MLLW TO NAVD 88 CORRECTION WAS ESTABLISHED IN THE VICINITY OF NOAA BENCHMARK AT AMHERST DAM MYSTIC RIVER, MA (STATION ID 9485314, 591000). THE REFERENCE POINT ESTABLISHED FOR THE CORRECTION IS BOSTON HARBOR. NAVD 88 IS ABOVE MLLW; THEREFORE THE CORRECTION SHOULD BE ADDED TO NAVD 88 TO CONVERT TO MLLW.
4. COORDINATES SHOWN ARE BASED ON THE NAD88 GRID SYSTEM FOR THE COMMONWEALTH OF MASSACHUSETTS (MAINLAND ZONE 2001), NAD 1983 AND ARE BASED ON RTK GPS SURVEY.
5. SURVEY WAS PERFORMED USING AN ODOM MK-3 ECHO SOUNDER OPERATING AT 220 KHZ, HORIZONTAL POSITIONING AND REAL TIME TIDE READINGS WERE RECORDED UTILIZING A TRIMBLE SPS 850 RTK GPS SYSTEM.
6. THE SOUNDING INFORMATION SHOWN ON THIS MAP REPRESENTS THE SHORTEST SOUNDINGS OF THOSE OBTAINED FROM HYDROGRAPHIC SURVEYS CONDUCTED DURING FEBRUARY 2018. THE DATA DEPicted ON THIS MAP SHOULD NOT BE USED FOR VOLUME CALCULATION PURPOSES.
7. THE INFORMATION DEPicted ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED, AND CAN ONLY BE CONSIDERED AS INDICATING THE CONDITIONS EXISTING AT THAT TIME.
8. FIELD BOOK - R&H 4115
6-Foot Depth Contours Shown Thru Surveyed by FPD Survey and Crew Refer to Survey No. 19-3488