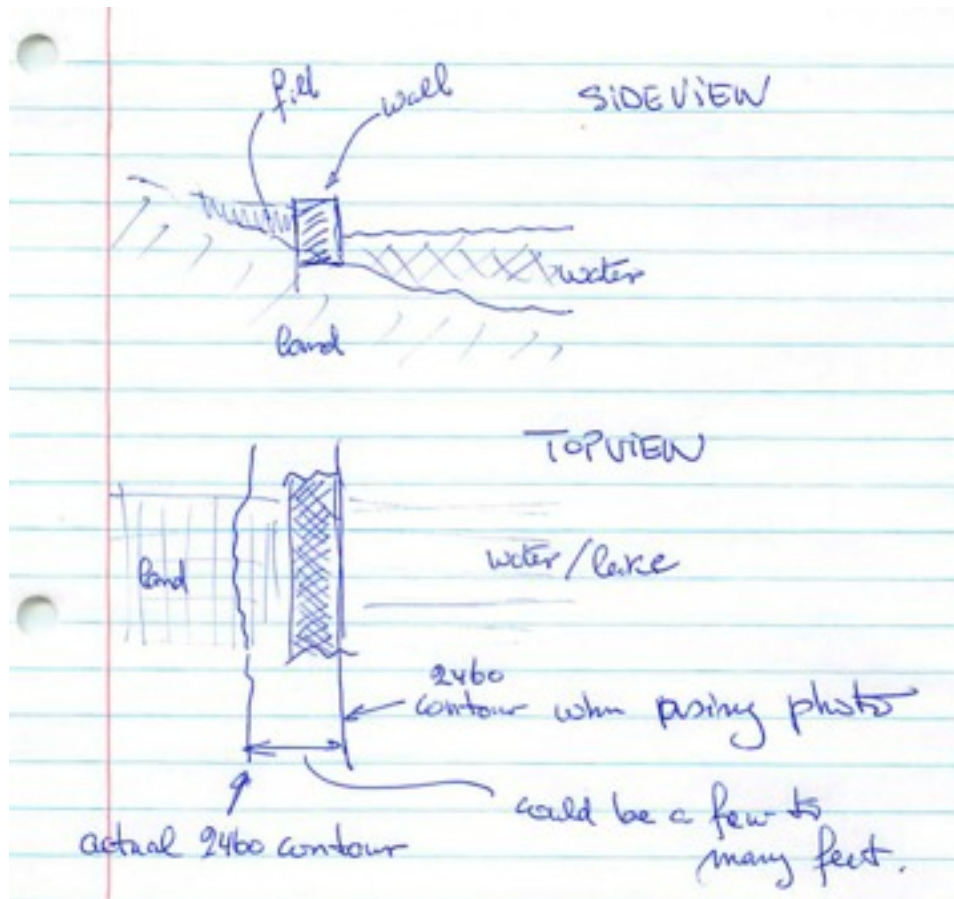


Interpreting Aerial Photography

When working with the 2012 bathymetry data we use a lake outline that was determined from digitizing aerial photographs. Noting the lake level at the time the photograph(s) were taken one could assume that the lake outline is also an elevation contour line. This is only partly true. A wall to protect the shore line makes the assumption of the contour line inappropriate, as the sketch below suggest. Is this important? Probably not.



The only way to remedy this is by doing a proper contour survey. A couple of those lines exist on the buy-down maps, a 2462 and a 2466 contour line.

Unfortunately, these two lines do not exist in digital form and hence are not available to generate more accurate contour lines. Instead the lake outline as it is present in the Garrett County mapping system, is assumed to be the 2461 contour line, since it was taken from images that were generated in mid April of about 2006.

PLV: 1/19/2013