Figure 1.

Sample Arm Box with Vessels and Filters

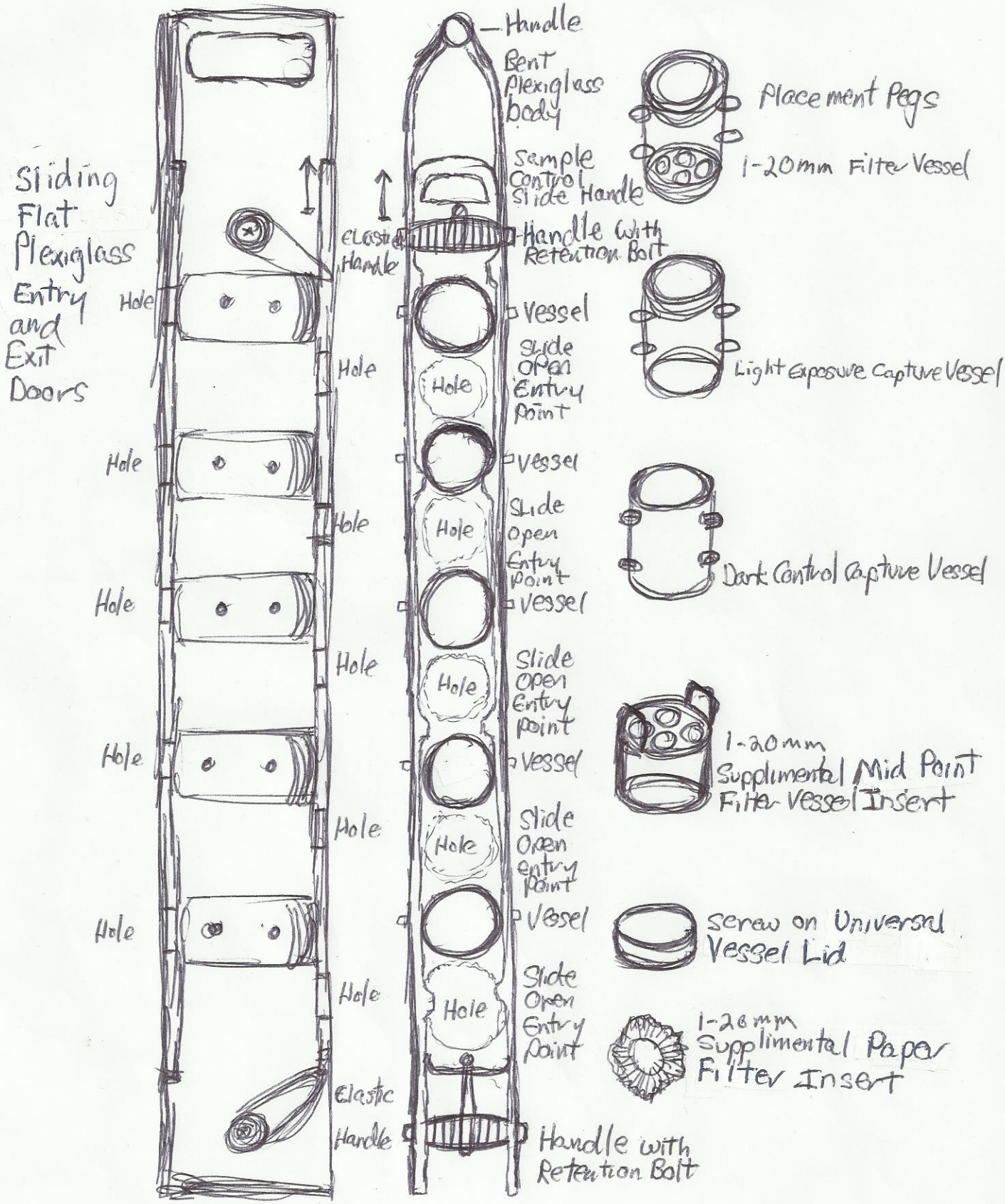
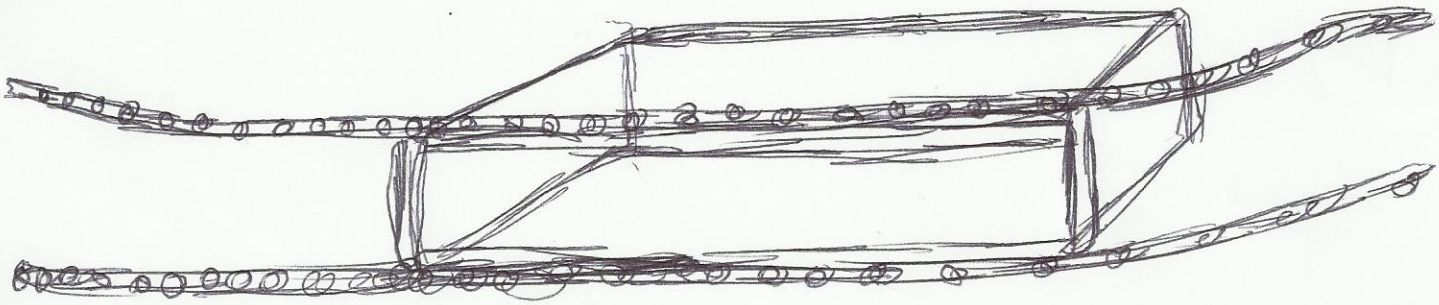


Figure 2.
Trough Nets

Multiple nets employed on site. Each net being the same over all size, and having the same time of exposure in the water, but offering differ. sizes of mesh between 1 to 28 mm.



Sample Containment Box

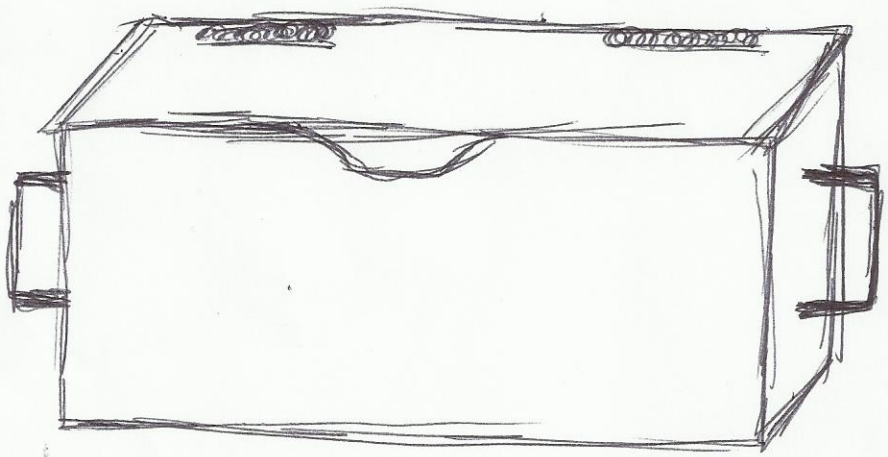


Figure 3.
Developmental Viewing Apparatus

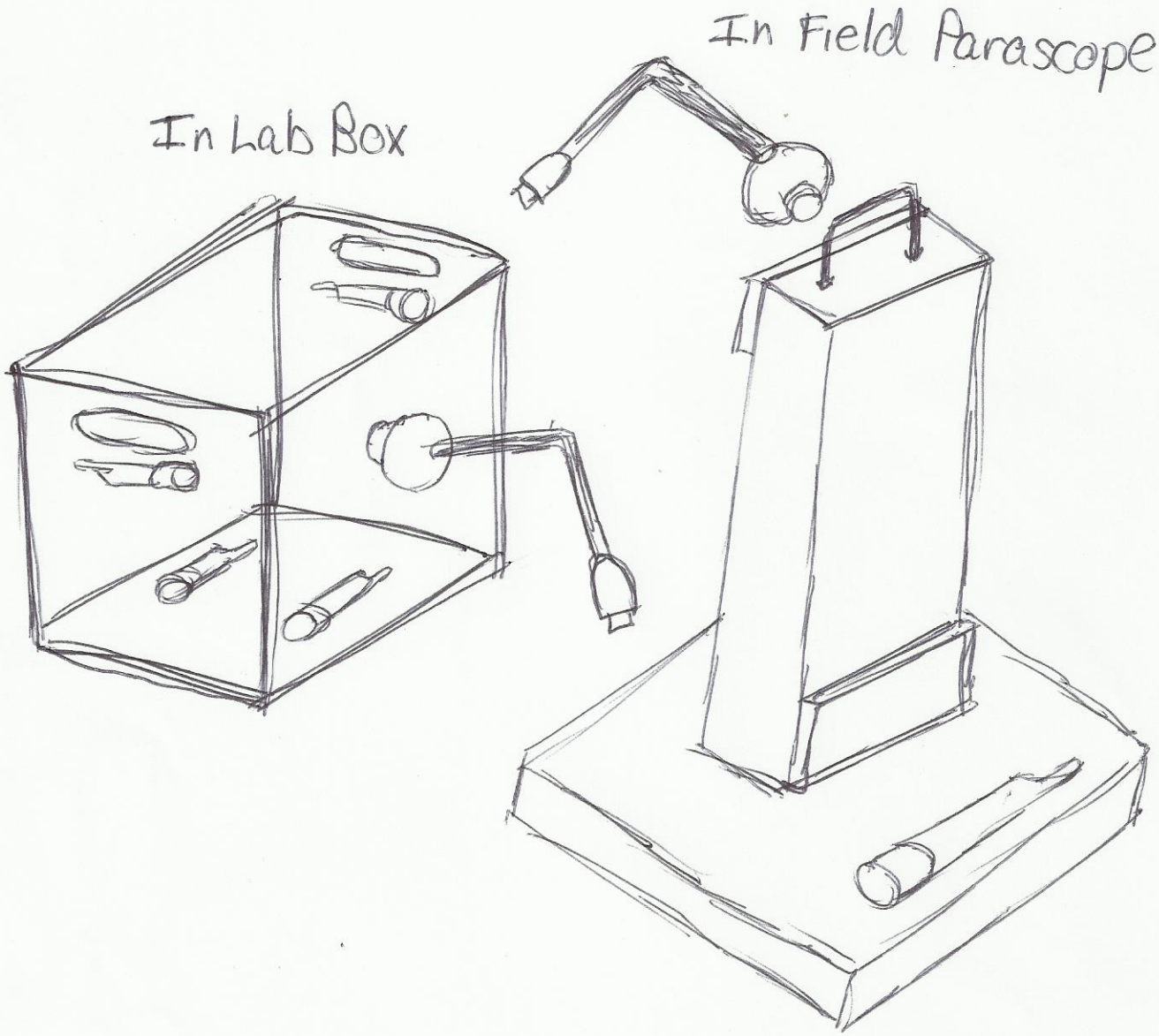
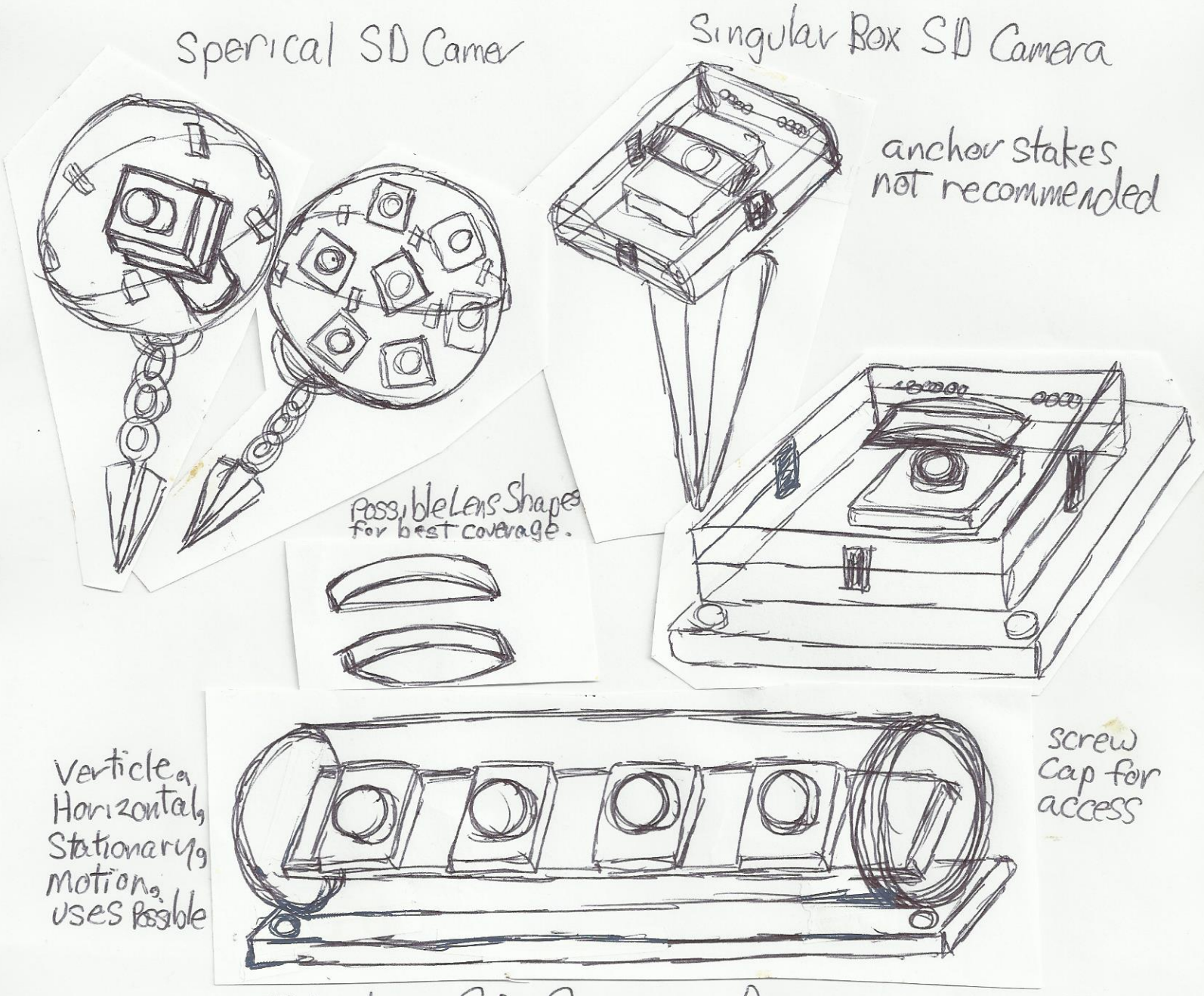


Figure 4. Waterproof SD Game Camera

Various Transparent Housings Studied
Resulting in Final Tubular Array



Tubular SD Camera Array
Illustrating the transition from
anchor stakes to heavy flat steel

Figure 5. Thinned Water Column Sluice

The solid nature of the apparatus might allow for its adaptation from verticle use to horizontal use and from stationary position in moving water to moving position in stationary water.

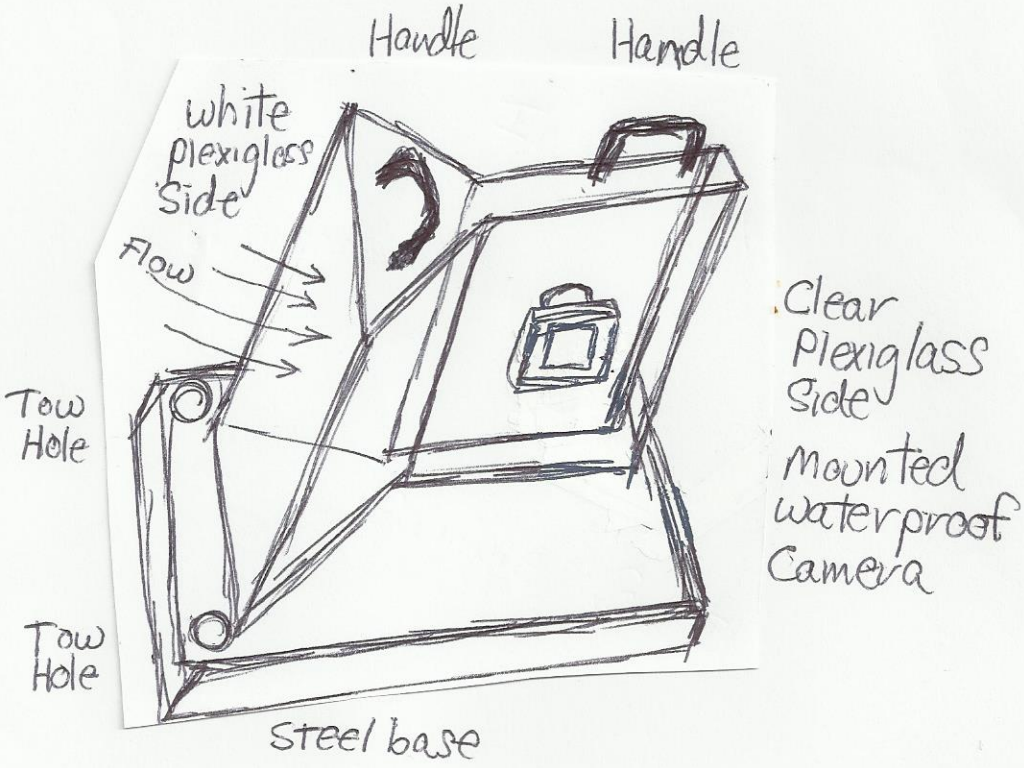


Figure 6. Better Recognition Program

In the event that programs which would count and identify zooplankton and drift invertebrates are not effective enough, Technicians could perform manual counts quickly. Those results could be tested for better accuracy and precision.