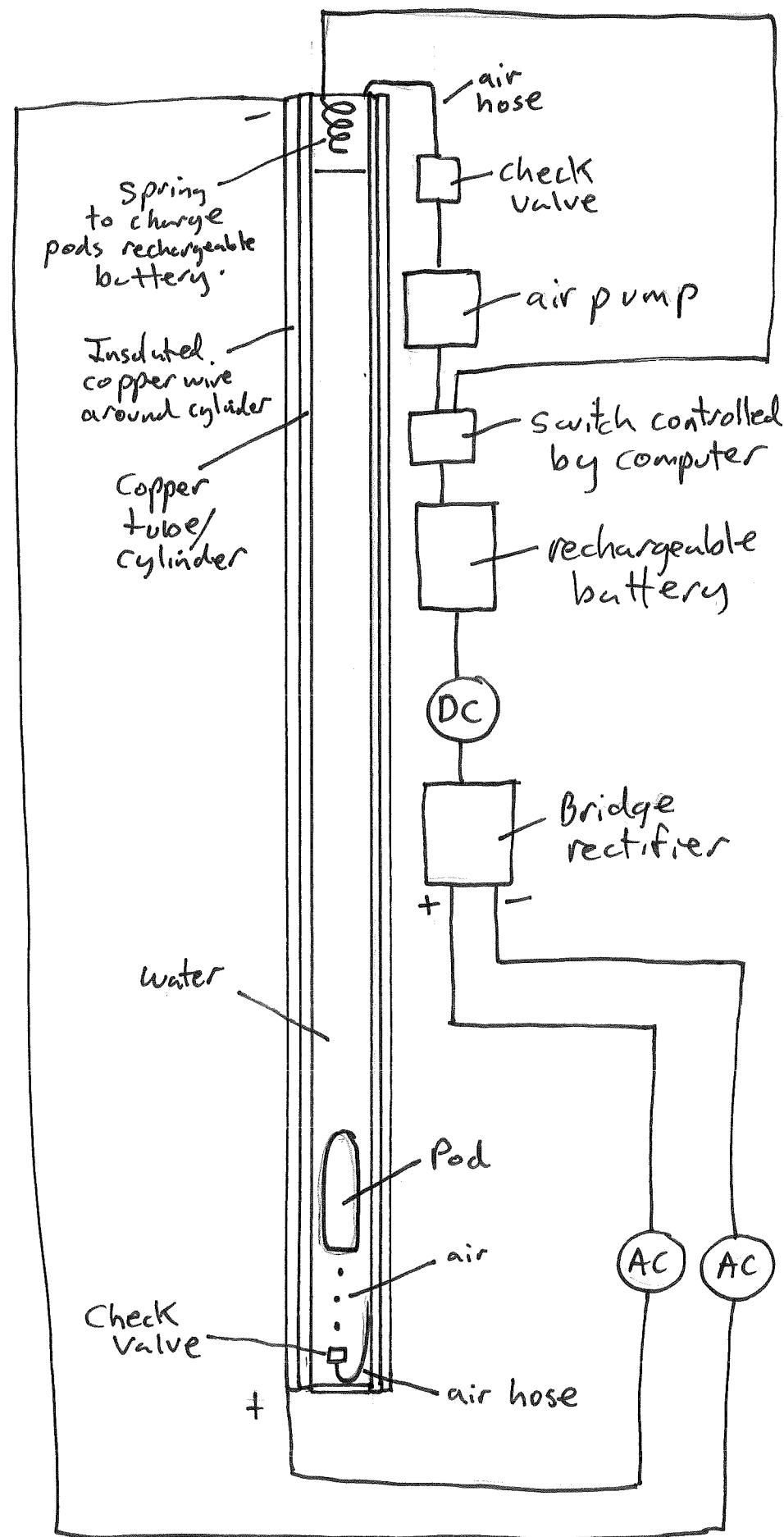


Design 8, Overview of concept diagram. 9<sup>th</sup> August, 2024, By Adrian Gibbons



\* Concept uses a air hose running from a air pump outside of cylinder, the air pump , pushes air through a air hose down the inner walls of the cylinder to the bottom of the cylinder. When air goes through hose it has to go through two check valves which are one way valves. This creates a area of non return of water pressure pressing against valve. When air exits hose it's buoyancy makes it float, hitting and filling the Pod. Thus Pod goes up as it does it powers it self through eddy currents created by the Pods magnets going through the copper cylinder. The Pods air vent would be closed till the surface. To sink the Pod opens air vent creating a low pressure in the ballast tank. Thus it fills with water and sinks. The height of copper cylinder would need to be tested to ascertain the optimum height for design to create enough energy to keep it continuous in motion.

\* So air pump only pumps when Pod is at the bottom.

Design 8, Diagram of Pod. 9th August, 2024. By Adrian Gibbons.

