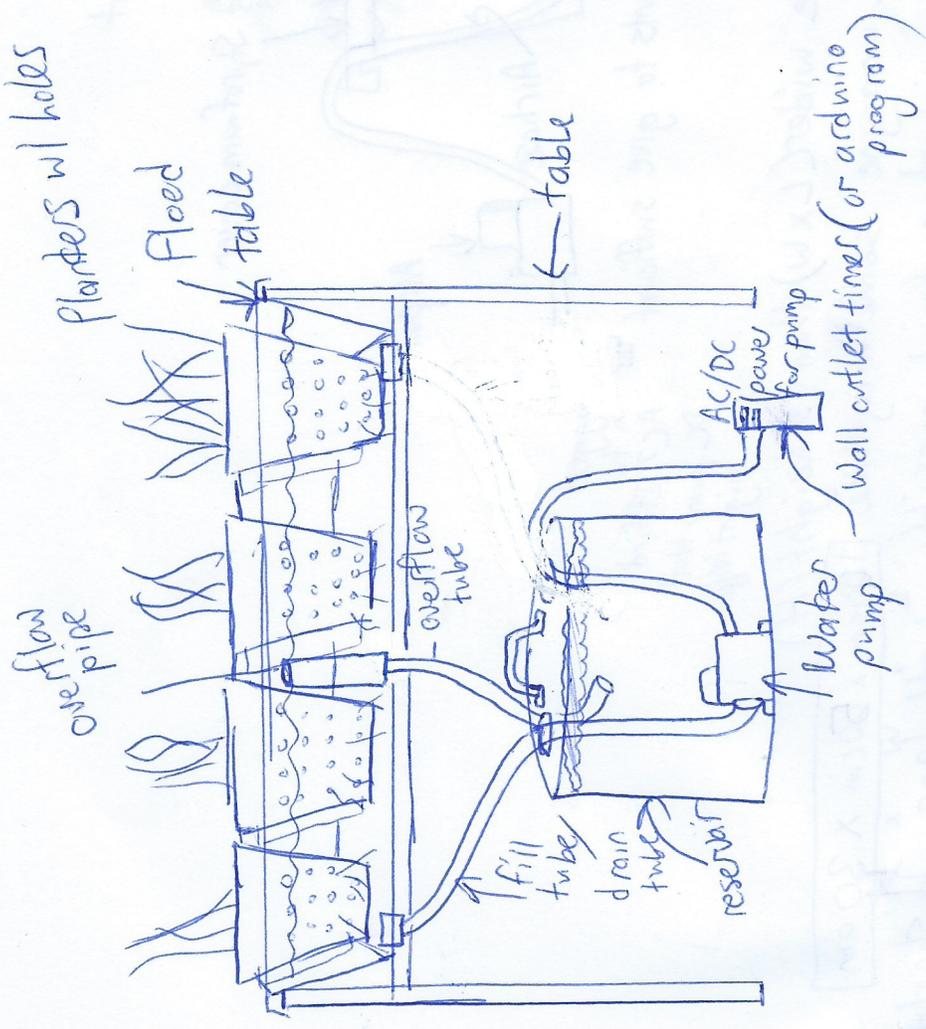


Idea 2: Ebb and Flow System.



- The system would be timed to fill periodically (depending on plant needs).
ex: pump on for 10 mins, then off for 50, repeat...
- The ~~entire~~ flood table wouldn't have to hold as much water as previous idea 1, so example size) would be 100cm x 50cm x 15cm. This wouldn't need a styrofoam cover as water will not sit on surface for long.
- ~~A~~ water pump is used to fill flood tray, and allows water to drain back into reservoir when switched off.
- reservoir should be opaque, sturdy container with drilled holes for wires and hoses to come through. Should also have lid so that a pump could be easily replaced if sudden breakdown.
- Would have to build table capable of supporting weight of water plants.
- Overflow pipe - stops water from rising past certain point
- Another note, we will need filters at drainage points so that we don't clog pump.