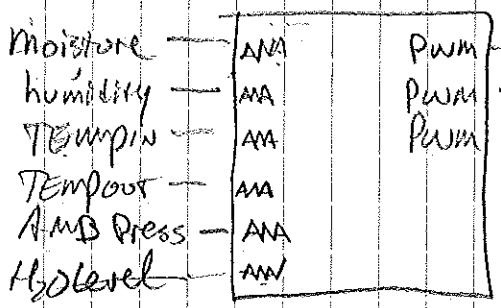
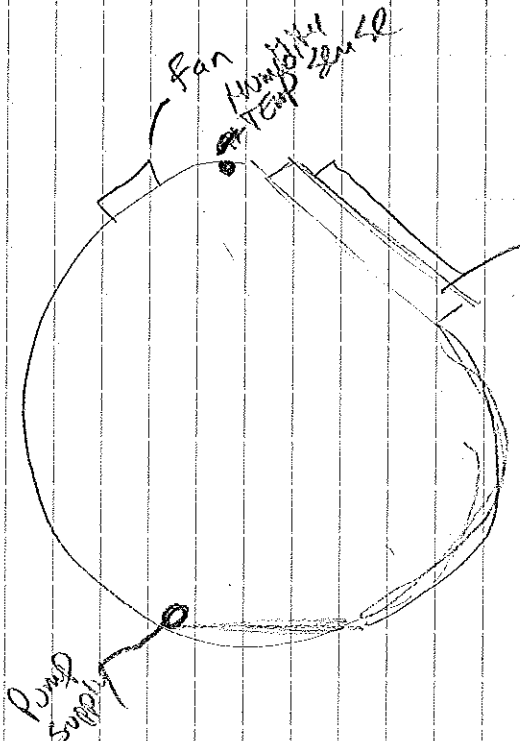
LCD ay current cond. → 6 DO

Pro Mini has - 6 PWM's
6 ANAlogs
8 DOuts
PIN Scl
PIN SDA

Pwm Pump → You know the one
Water Level in TANK
Pwm Light → control PCB
TEMP INPUT/OUTPUT (Lm35) 4-20 mA PIN
Pwm fan → Runs on 1 Pwm & 2 DO
↳ ENABLE
↳ H-Bridge for Dir control
AMB Pressure
Moisture INPUT → make something or use TL 498
humidity → DHT?
RTC (DS1307) → SCL, SDA (I^2C)
Log → EEPROM on SPI?
Pro mini



→ Should this Run Backward as well?



6 ANAlogs
2+6 DO
3 Pwm's
LCD
SPI

? CO_2/O_2 Sense ?

- ANALog - 5
  - Moisture - ANALog 6
  - TANK level - ANALog 7
  - TEMP IN - ANALog 0
  - TEMPout - ANALog 1
  - AMB Press - ANALog 2
  - HUMIDITY - ANALog 3

ANALog 3 ! → 6

- PWM - DO
  - Pump - PWM D3
  - Light - PWM D5
    - ↳ Single ch DRIVE POWER LEDs UNDER 30
  - fan - PWM D6

LCD - D0, D1, D2, D4, D9, D17 (1, 2, 3, 4, 5, 6)

fan - FWD - D7
BWD - D8

- I^2C
  - RTC (DS1307)
    - SCL
    - SDA
  - SHT15 TEMP HUMIDITY

- SPI →
  - SCK
  - MISO
  - MOSI
  - SS
  - EEPROM
  - LCD (W/74HC595)
    - ↳ seems like a lot of work to get this

- EXTRA DO for I^2C select