

Regrapping electronics to their appropriate places

Water, nutrient, control/vi grow lights, Power, humidity, oxygenation

group based location on pot



New PCBs

water/nutrient
EC sensors
2 temp sensors
float switch
Sprayer

Pot

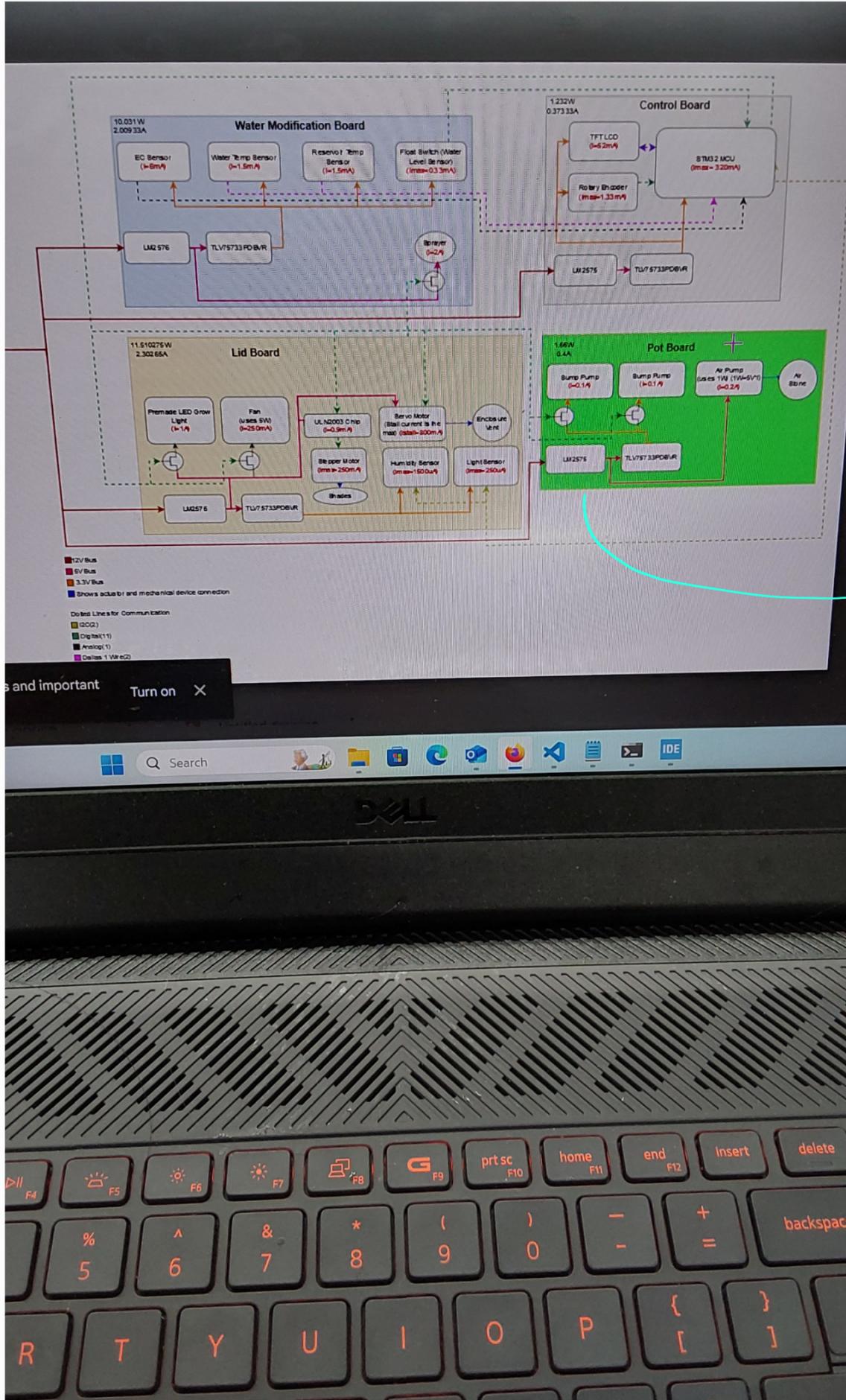
Sump pumps
airflow

Dome

temp and humidity
lights
light sensors
vent
fan

Control

STM32
TFT
Renes



Reekh

Sub system
will have
their own
Power
distribution

Calculated currents are still compliant with Power system
using ($V_2 \cdot I_2$) mainly

STM32 Selection

- check ST websites for free samples
- need ADC, I2C, SPI, Timers
- low power application
- look into VServo library
- make a document on the STM32