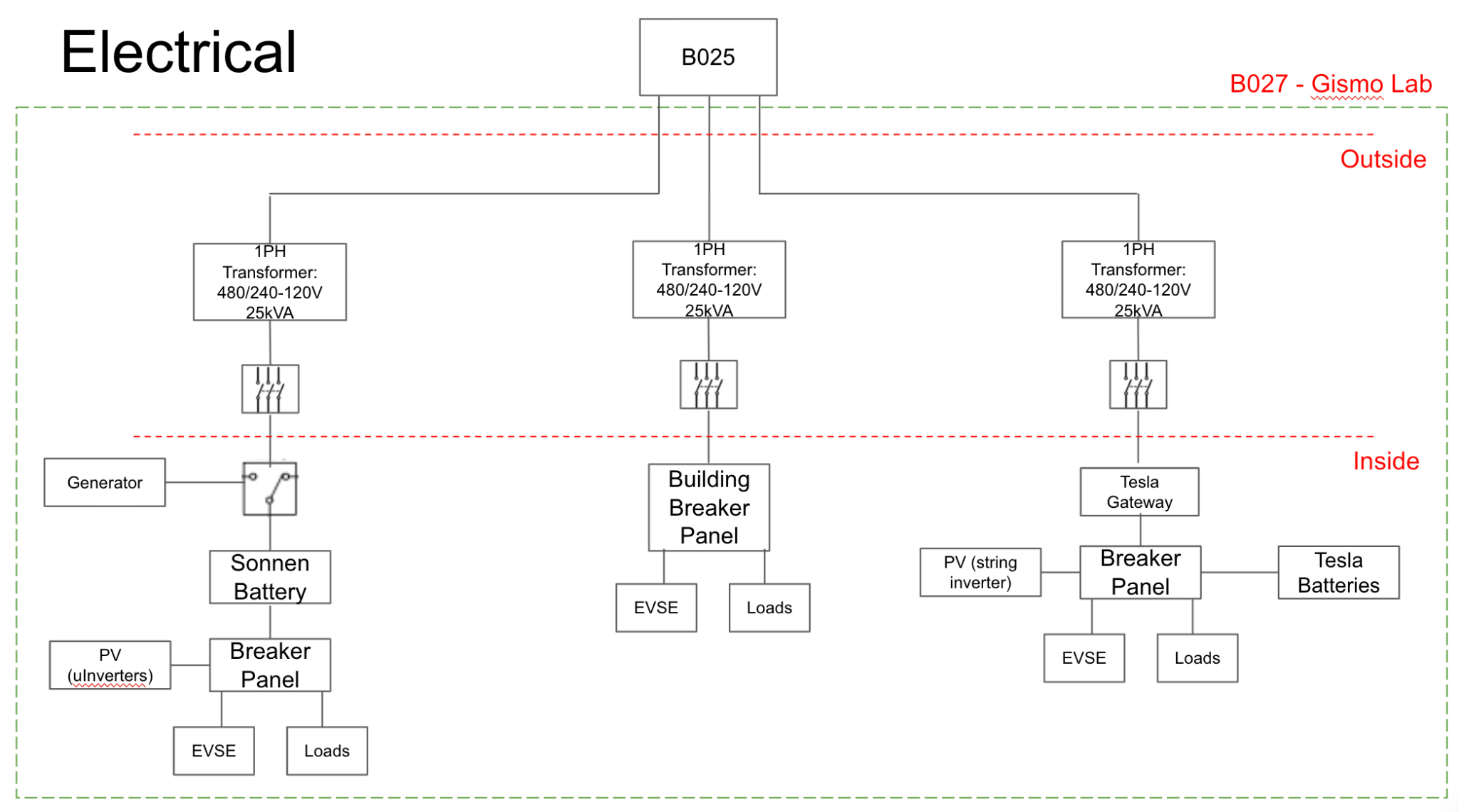
**How to access the RPi controllers:**

1. Use AnyDesk software: <https://anydesk.com/en>
2. On your computer open anydesk and connect to the two RPi:
   1. Enter the ID and password of the remote controllers and click connect
      1. Home\_gismo: 117388006
      2. Home\_gismo\_monitoring: 439183809
      3. Password: 1qaz@WSX3e (same password for both)

**Lab single line diagram:**



**Equipment list:**

* Energy Storage System
  + House B: 1x - Sonnen (ECO10 - 10kWh/8kW)
  + House A: 2x - Tesla Powerwall V.2 (13.5kWh/7kW) - Not operational yet
* Solar System
  + 18x 360W solar panels (SPR-X22-360) per House
    - House B: Microinverter - SunPower SPR-X22-360-D-AC
    - House A: String inverter - SMA SB6000TL-US-40
* HEILA EDGE Controller connected to SMA
* EVSE (Level 2 - 7.2kW):
  + House B: PowerFlex (East connector) -> active
  + House A: PowerFlex (West connector) -> inactive
  + Lab: ChargePoint
* Loads
  + 2x - Fan
  + 2x - Water pump
  + 3x - Lighting
  + 1x - Washer (To be delivered)
  + 1x - Dryer (To be delivered)
  + 1x - Air Conditioning (To be delivered)
  + Multiple outlets
* Other
  + 2x - Propane generators
  + 1x Opal RT system (simulator)
  + 1x real time GridLAB-D (simulator)

**Lab Network:**

