



P - 1 Submersible Pump  
200l/min , 10m Head

P - 2 Transfer Pump  
200l/min , 15m Head

P - 3 Recirculation Pump

F - 1 Aquagerd Screen 1mm slot

F - 2 Basket Strainer 1/16in pore

F - 3 Basket Strainer 1/8in pore

D - 1 Diffusers

B - 1 Blower

V - 1/3/8/9/10/11/12/15/17 Valves

V - 4/5 By-pass valves

V - 6 Flushing valve

V - 7 Pressure control valve

V - 13 Solenoid valve

V - 14 Vent off

V - 16 Non return valve

V - 2/18 Drain valve

T - 1 Permeate tank (cleaning tank)

BR - 1 Bioreactor tank

UF - 1 to 4 Ultrafiltration membranes



**PILOT PLANT**