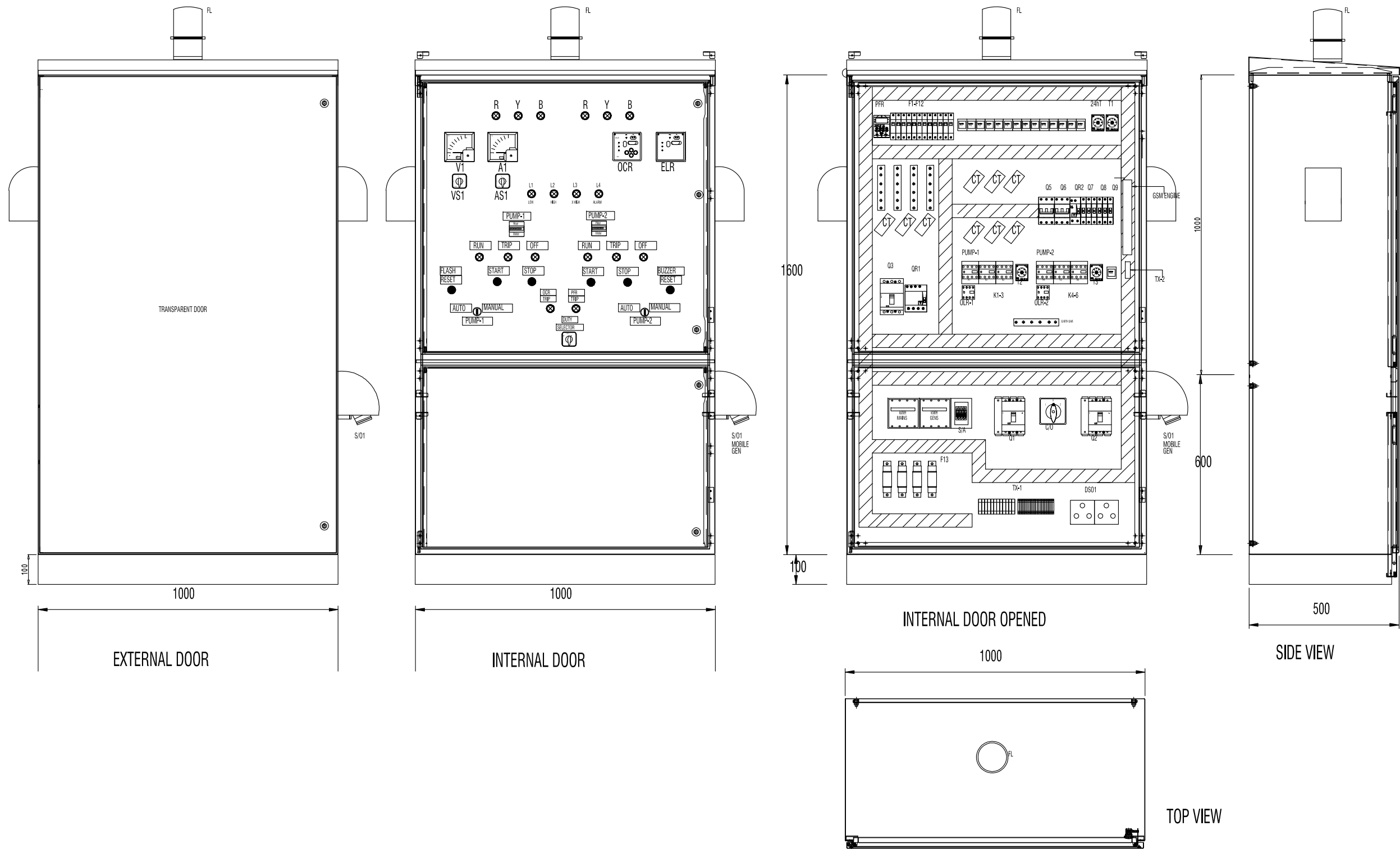


Pumping Station Design Details

Pump	Diameter	Depth	Inlet depth	Pump Capacity	Head
PS1	2.5m	3.6m	2.64m	8.1 l/s	26.5m
PS2	2.5m	3.6m	2.66m	6.0 l/s	20.9m
PS3	2.5m	3.6m	2.37m	4.4 l/s	24.9m
PS4	2.5m	3.6m	2.69m	6.9 l/s	16.9m

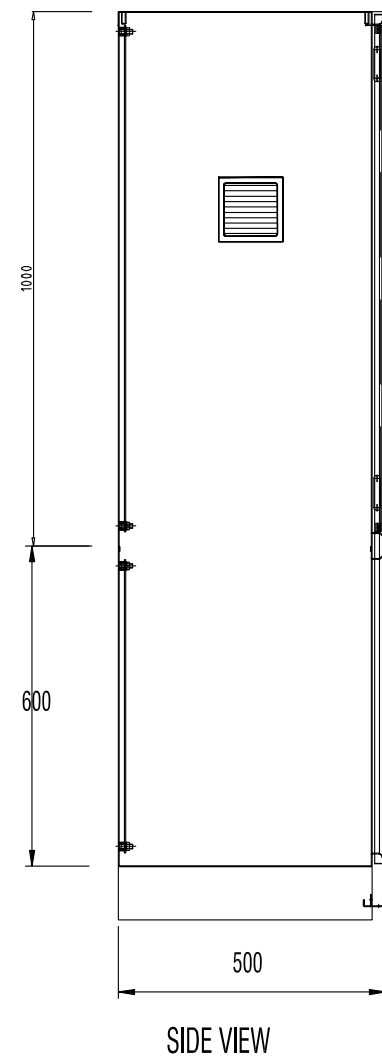
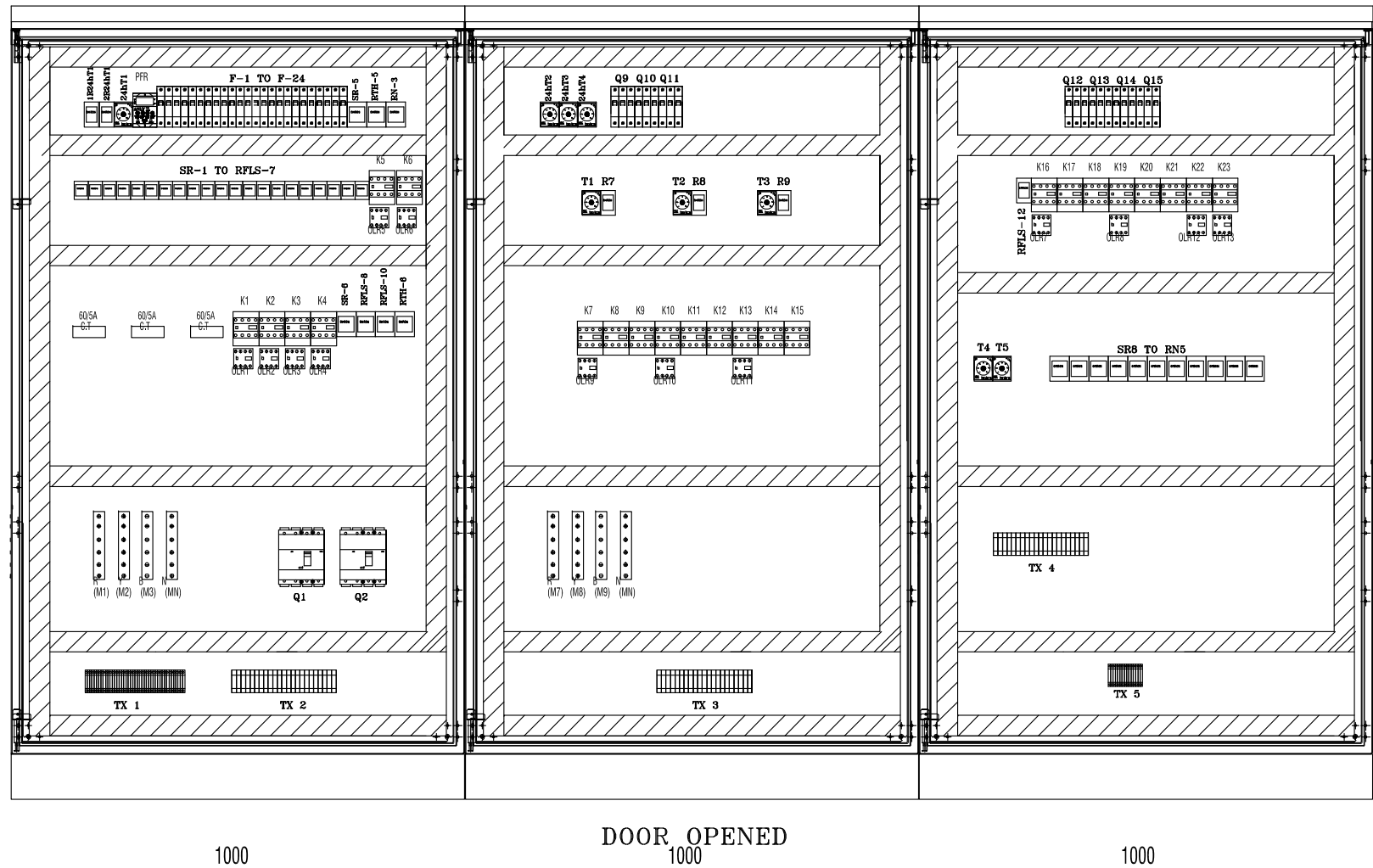
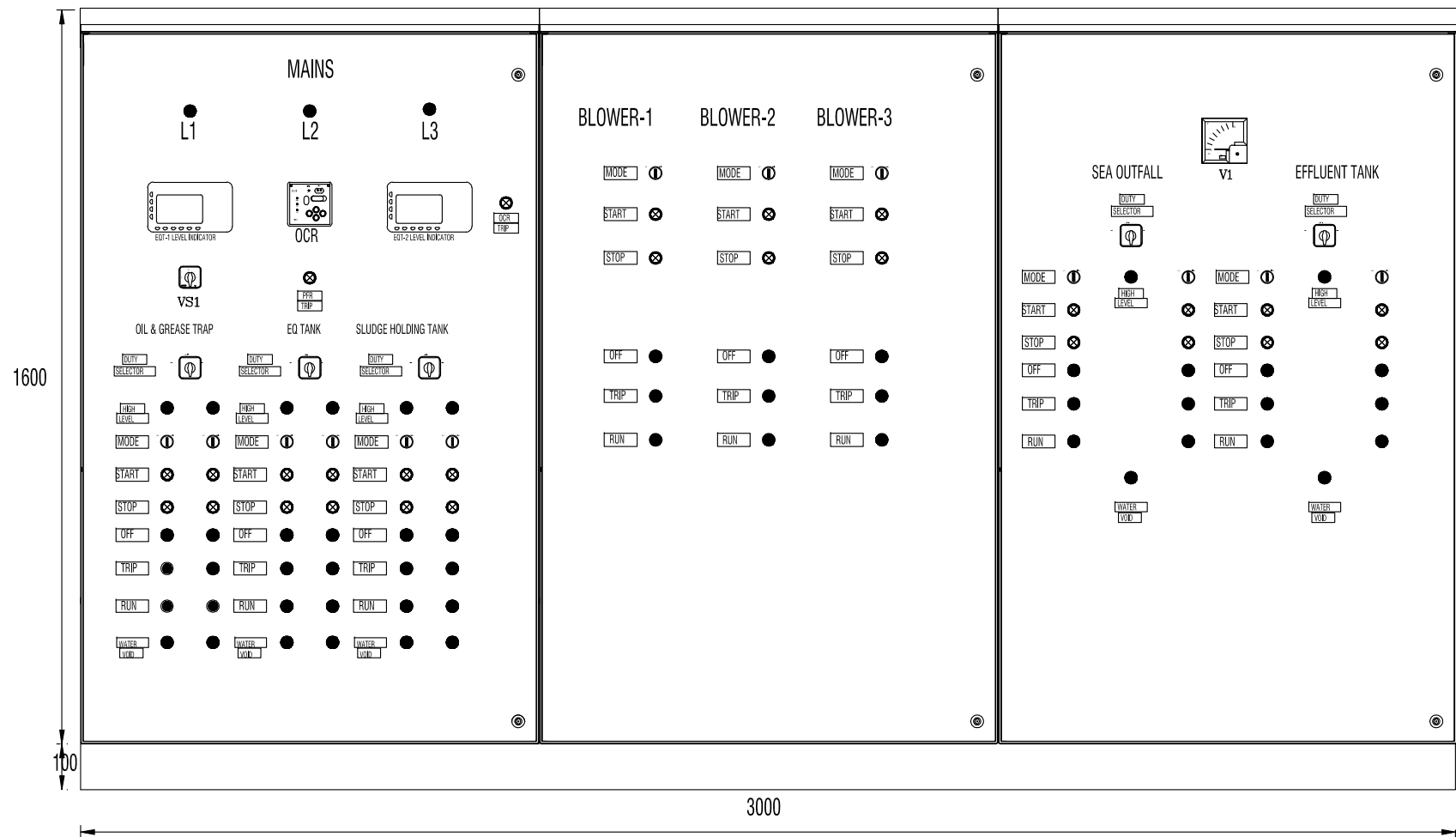
TYPICAL PUMPING STATION DETAIL - LONGITUDINAL SECTION

Scale: N.T.S



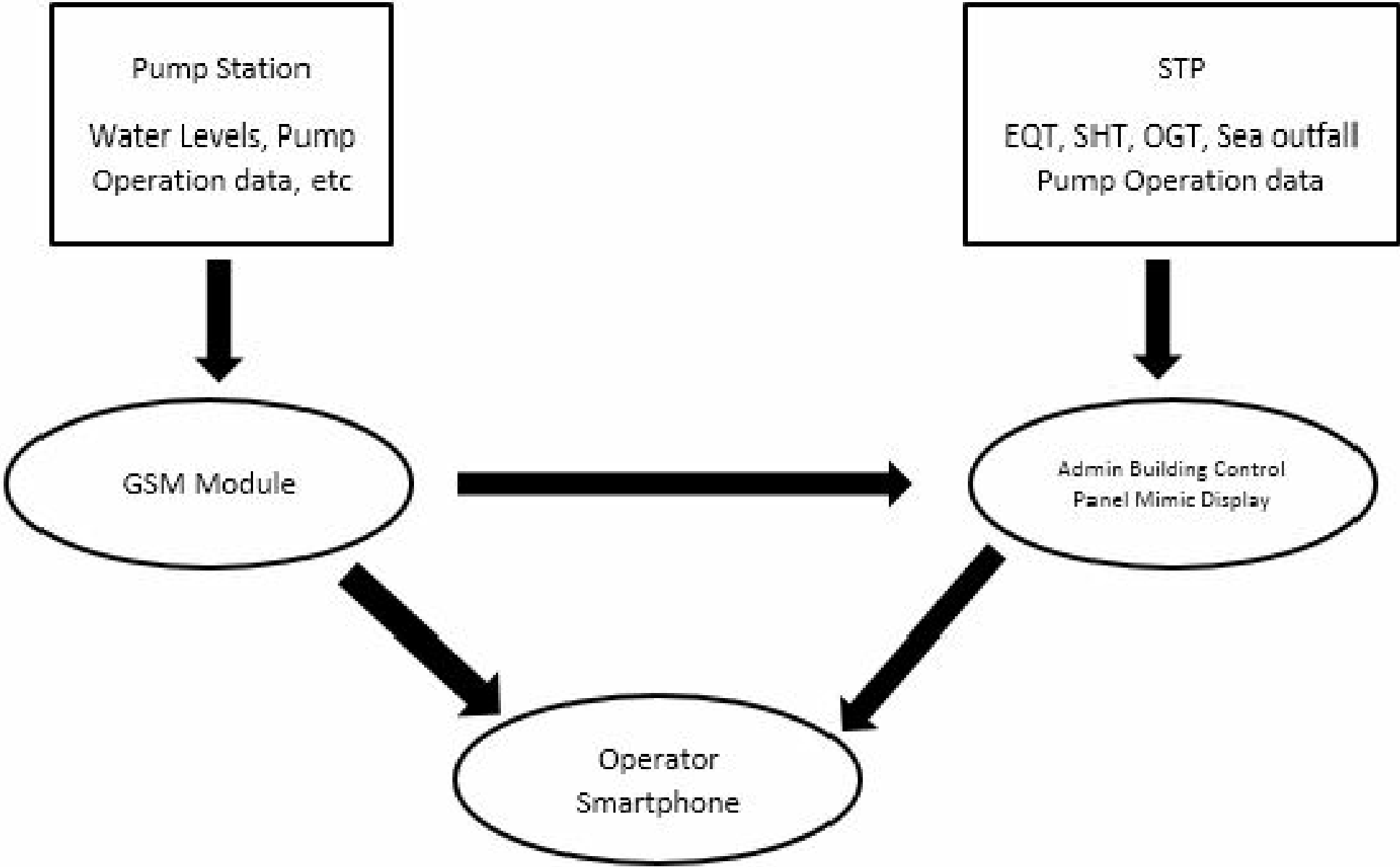
TYPICAL DETAIL FOR PUMP STATION CONTROL PANEL

CONSULTANCY SERVICES FOR SURVEY & DESIGN  
OF SEWERAGE FACILITIES IN K. HIMMAFUSHI, MALDIVES  
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY  
PROJECT NUMBER: -  
DATE: SEPTEMBER 2016  
ENGINEER: - Abdulla Wahid  
CHECKED BY: -  
DRAWN BY: - Mohamed Saif

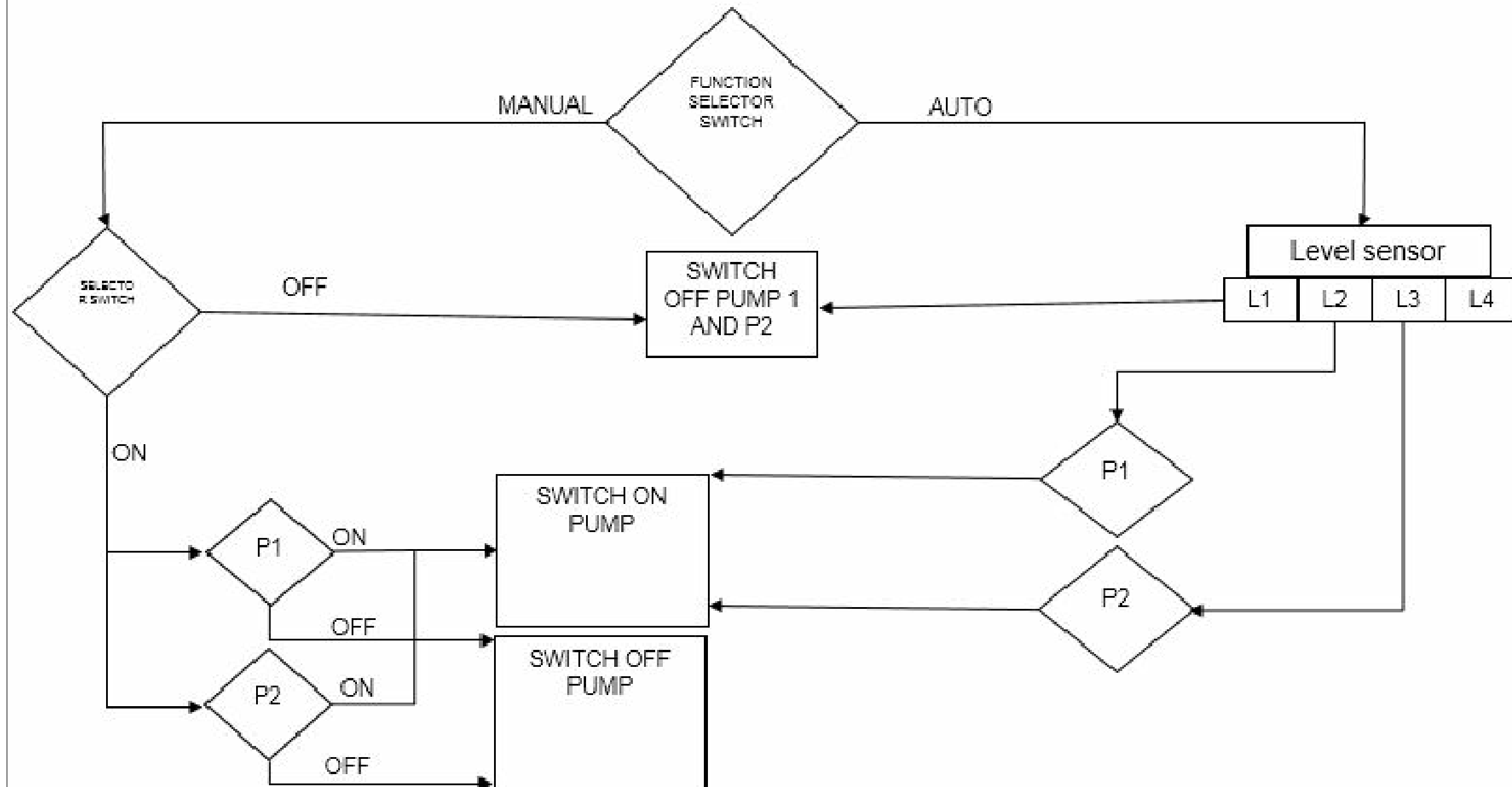


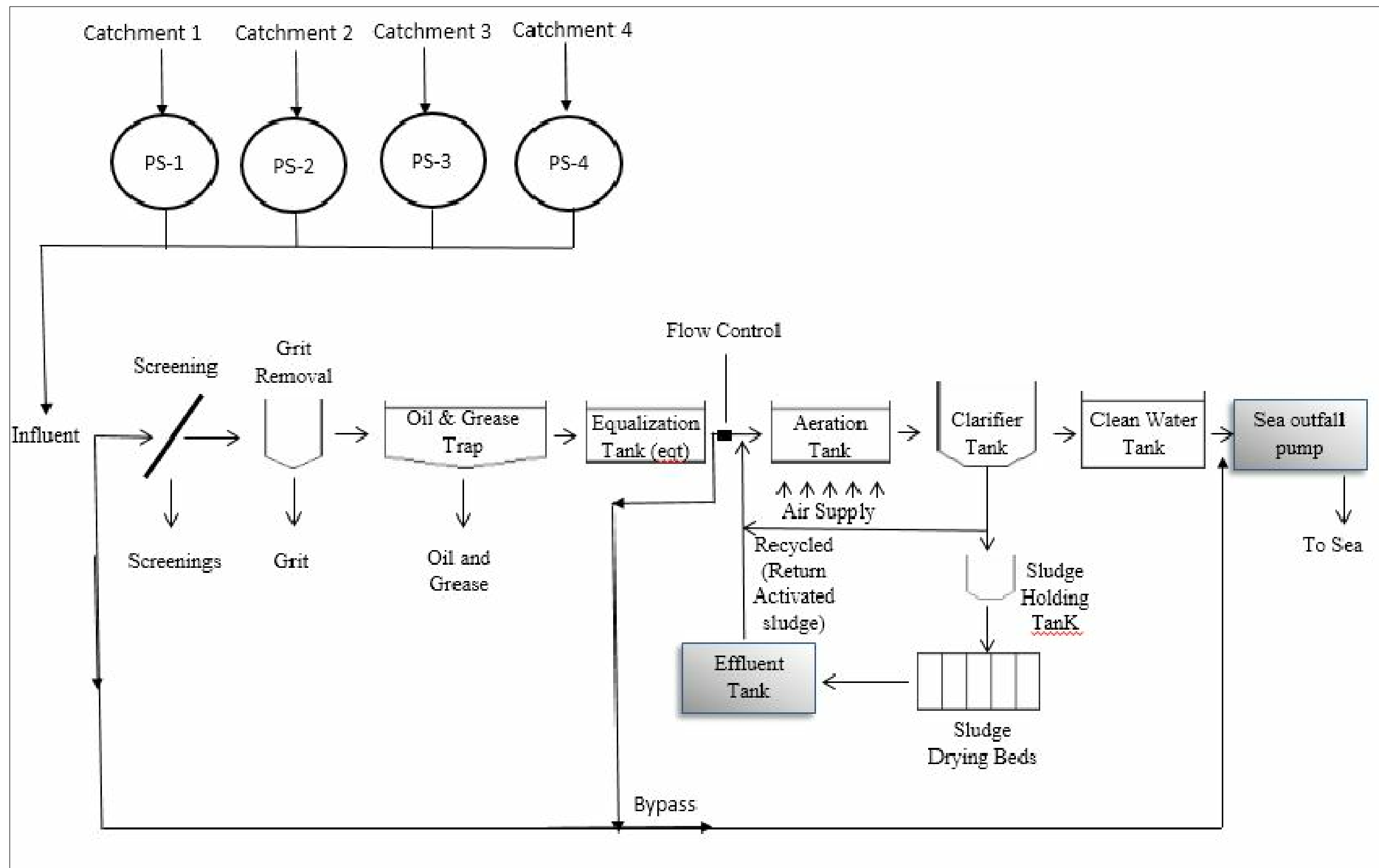
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Overall Process and Instrumentation Control Diagram

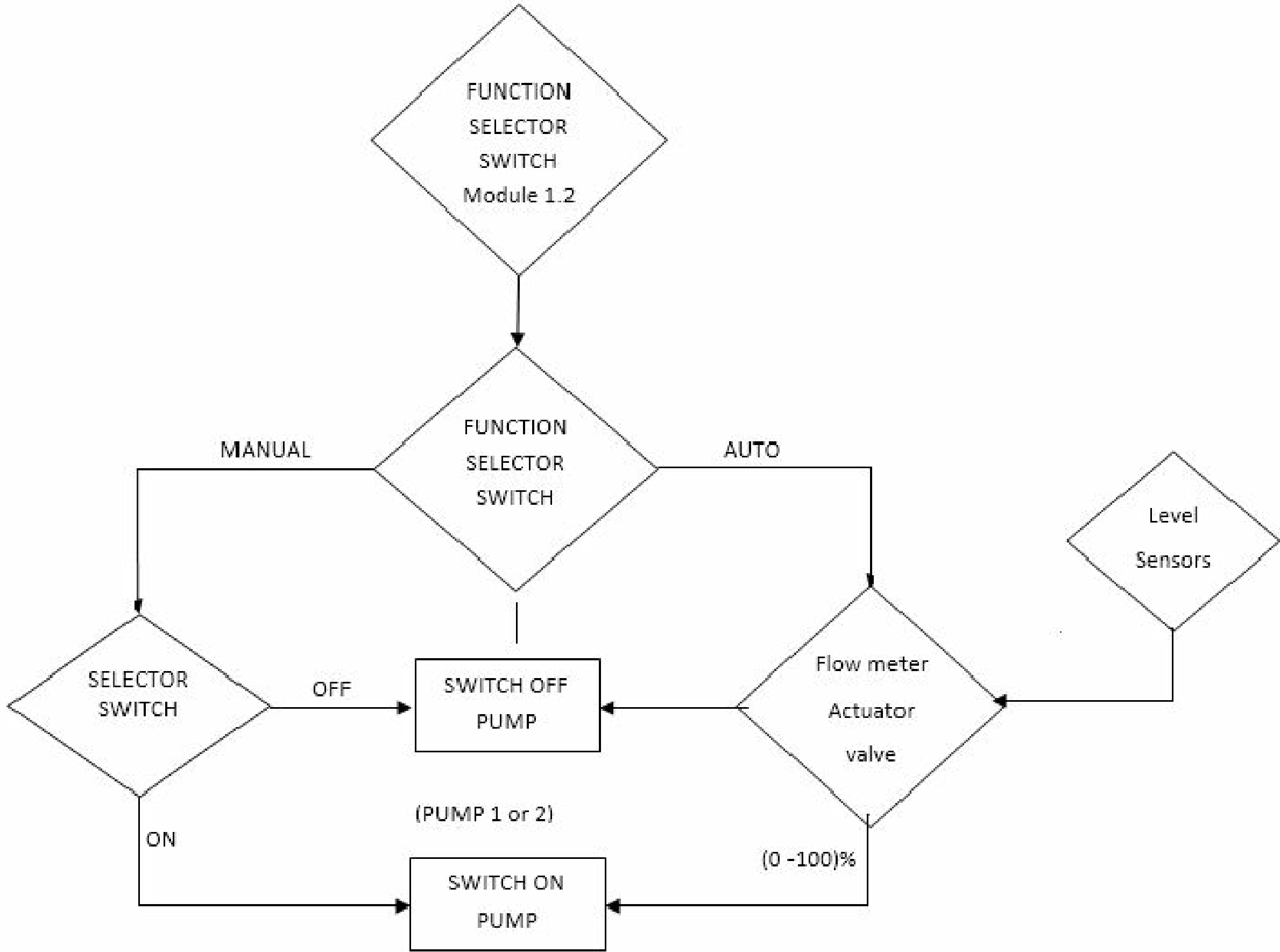


## Pump Station Operation Control

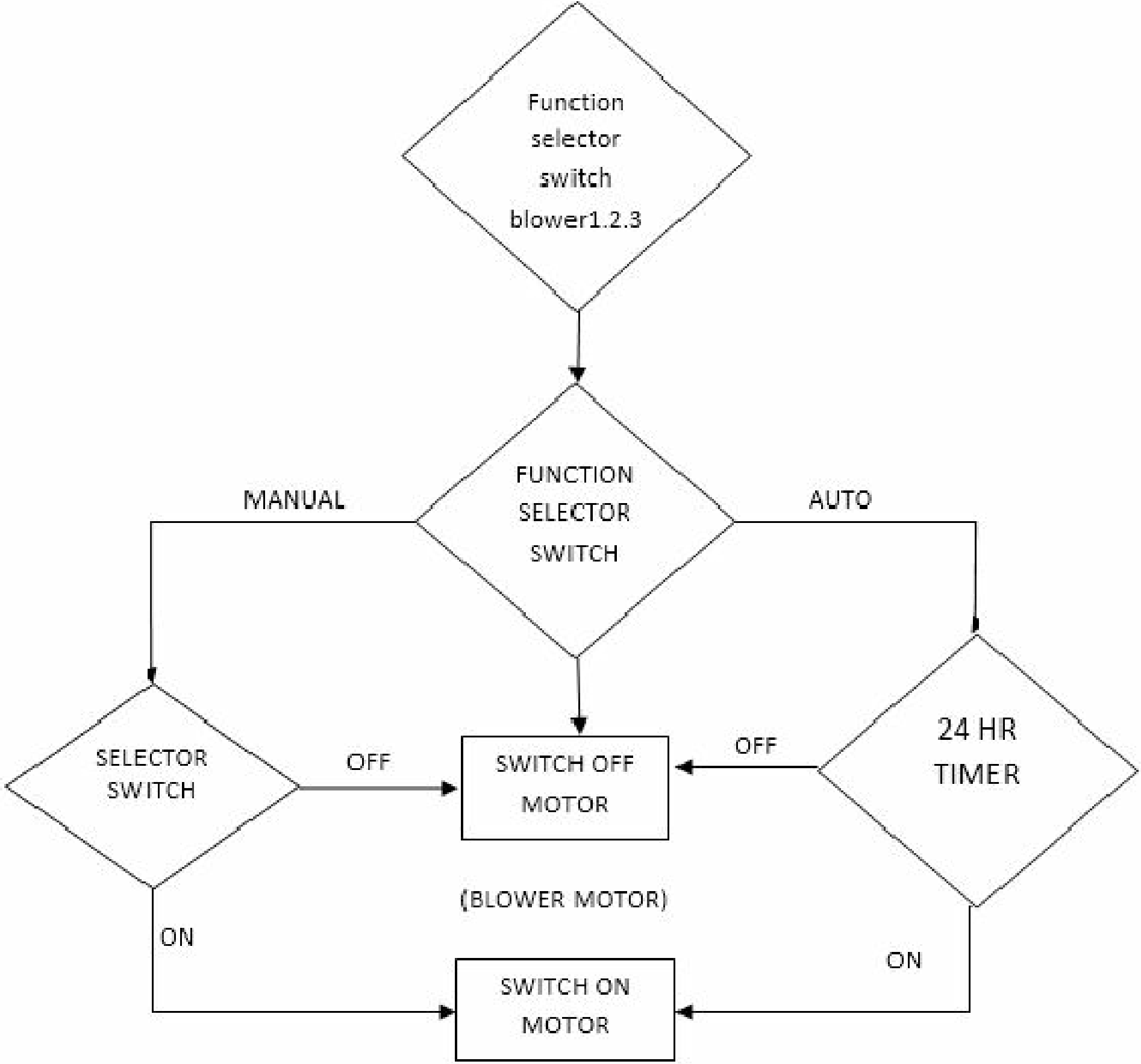




EQUALISATION TANK TO AERATION TANK OPERATION

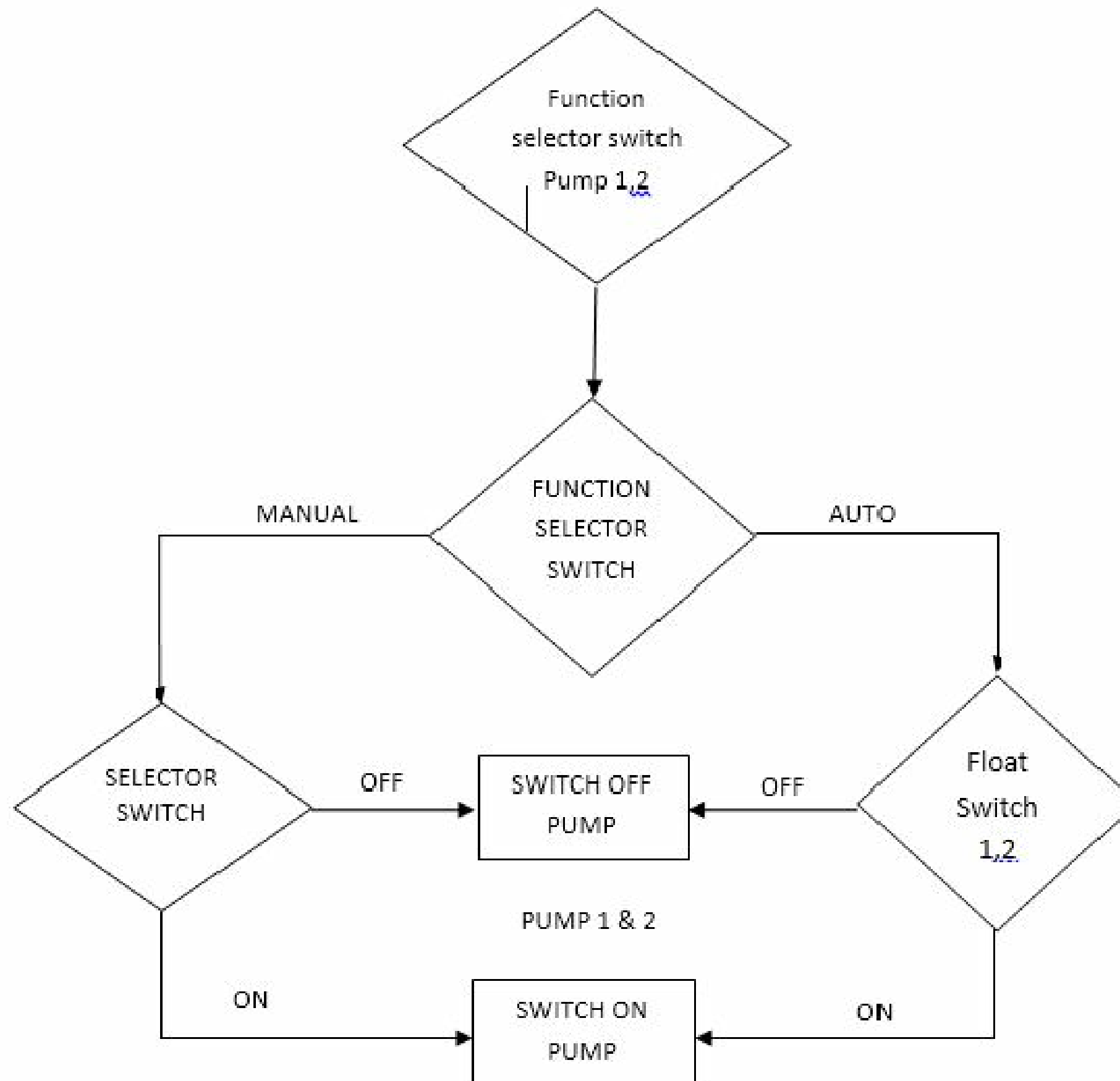


# BLOWER MOTOR OPERATION

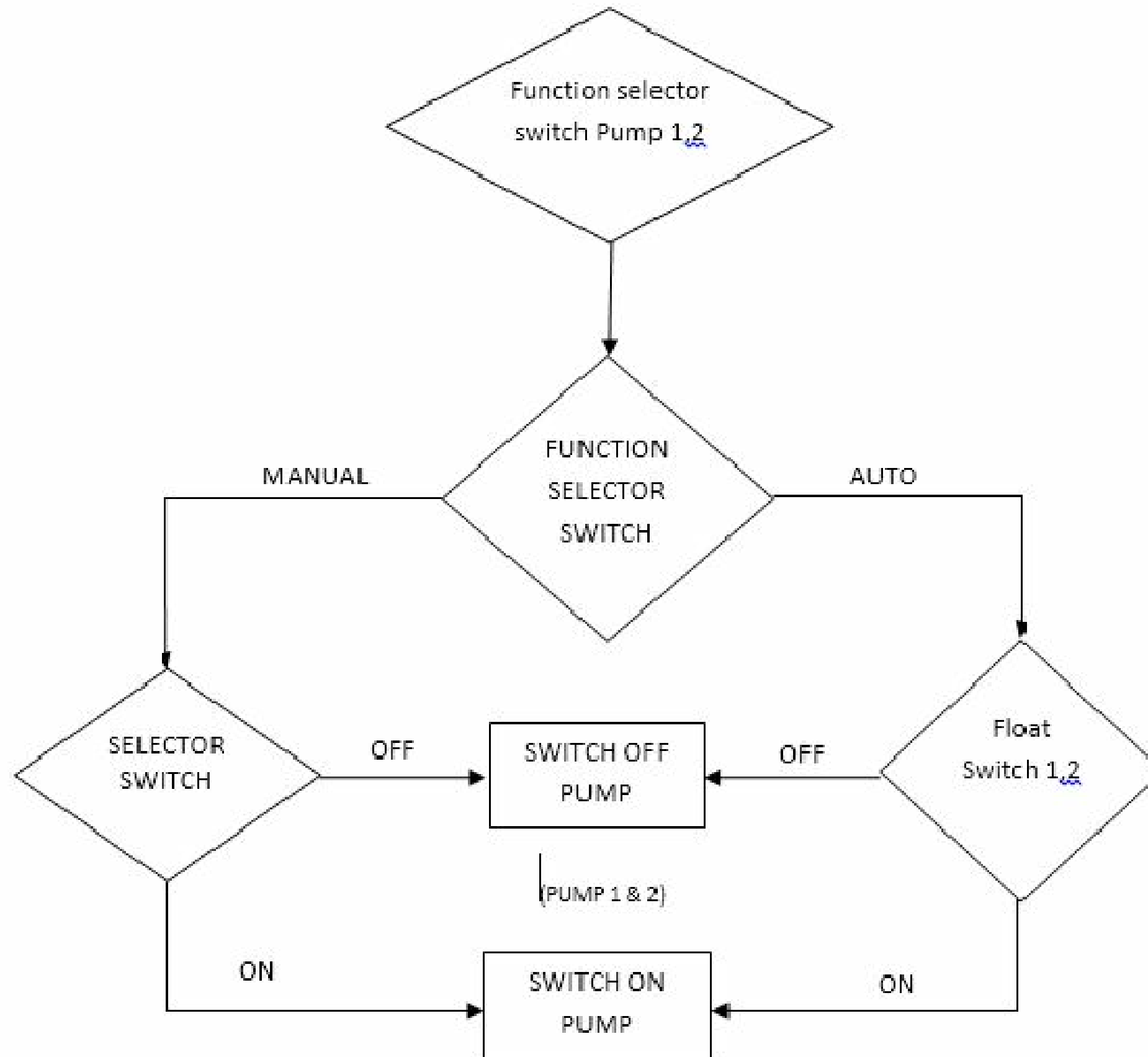




# SLUDGE HOLDING TANK TO DRYING BED OPERATION



# EFFLUENT TANK TO AREATATION TANK OPERATION



# CLEAR WATER TANK TO SEA OUTFALL OPERATION

