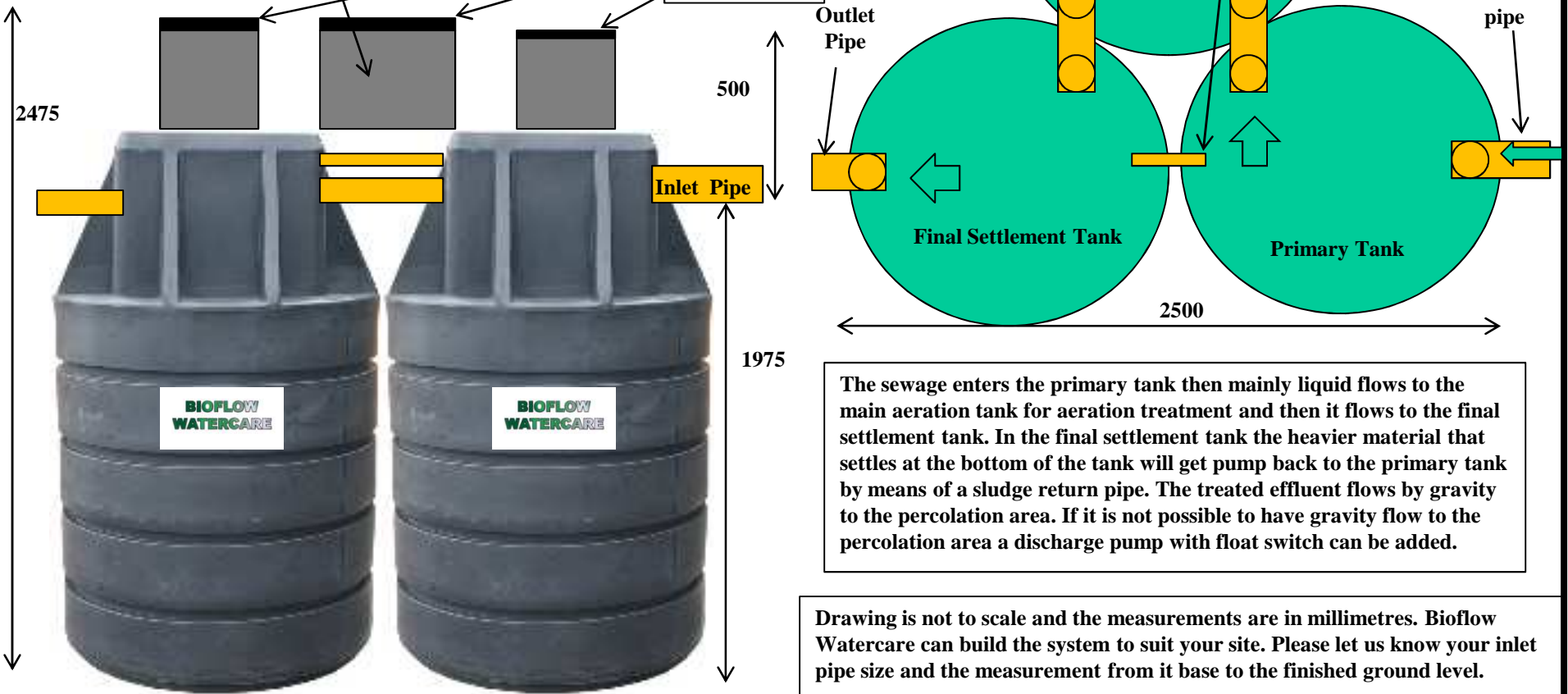


Bioflow Watercare 18pe Sewage Treatment System is design for a daily inflow of 3,240 litres of domestic sewage with the effluent quality better then 20mg per litre of BOD and 30mg per litre of SS. The system comprises of 3 x 2,100 litres rotationally moulded plastic tanks which have a working volume in excess of 5,240 litres. The system is designed to meet the requirements of the Irish EPA and BS6297.

Housing for air compressor and electrical connections which is seal and vent separately.

Pedestrian Manhole Covers



The sewage enters the primary tank then mainly liquid flows to the main aeration tank for aeration treatment and then it flows to the final settlement tank. In the final settlement tank the heavier material that settles at the bottom of the tank will get pump back to the primary tank by means of a sludge return pipe. The treated effluent flows by gravity to the percolation area. If it is not possible to have gravity flow to the percolation area a discharge pump with float switch can be added.

Drawing is not to scale and the measurements are in millimetres. Bioflow Watercare can build the system to suit your site. Please let us know your inlet pipe size and the measurement from it base to the finished ground level.