

S3500 AWTS

TECHNICAL DATA SHEET

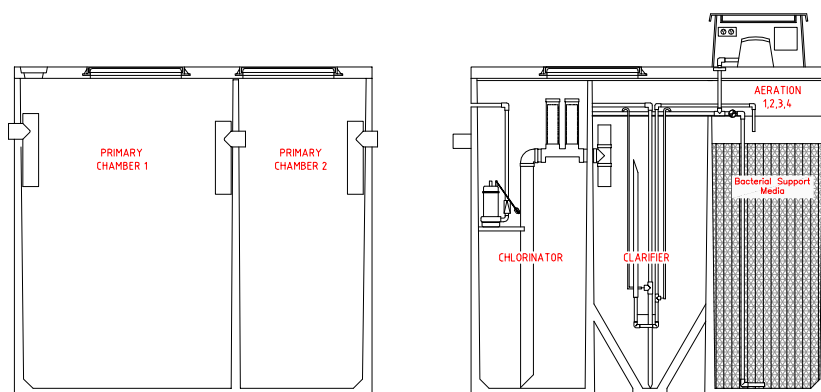
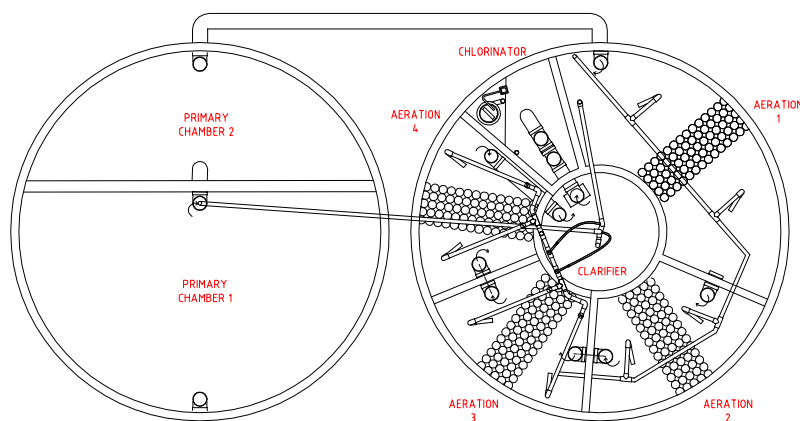
- The S3500 Aerated Wastewater Treatment System (AWTS) turns wastewater into clear, odourless, water for pumped disposal to vegetation for transpiration to the atmosphere.
- Reliable, high quality, Australian designed and built, all concrete treatment system.
- BioSeptic has tested three AWTS models at the Jimboomba National AWTS test site. Each has been accredited to AS1546.3:2017. The S3500 is adapted from those accredited designs.
- Small commercial premises
- It is a modular unit, allowing the treatment system to be expanded if required.

SPECIFICATIONS

COMPONENT	DESCRIPTION
Septic tank	6950L with 2:1 division
Treatment tank	70520L consisting of: Four discrete aeration chambers – 2174L, 1081L 1200L, 1200L
Aeration	1 x 200l/min diaphragm air blower 240vac 170 – 190 watts 6 air diffusers
Bacterial support media	1.38m ³ providing 275m ² of surface area
Clarifier	Surface area 0.5m ² Waste activated sludge recycled to the septic tank
Disposal/transfer pump	Drainer type. 240vac, 7 amps, 0.75kW
Control box	Plugs into a 3 pin outlet - 10 amps circuit

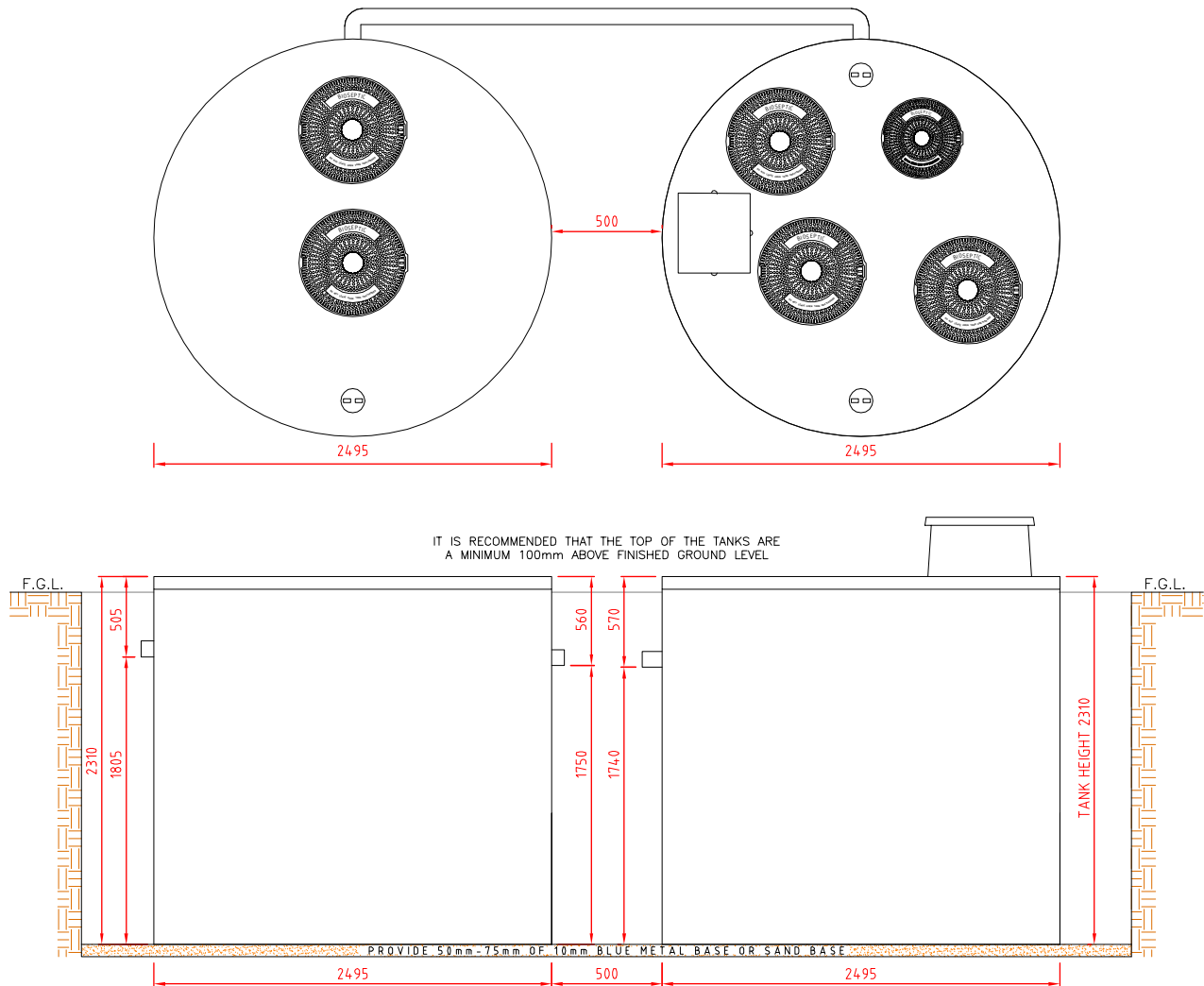
FEATURES

- ✓ 30 Year Warranty - concrete components
- ✓ 2 Year Conditional Warranty - Pumps and Blowers
- ✓ Alarm System
- ✓ Chlorine Disinfection
- ✓ 1st Year Servicing, if required
- ✓ Includes Basic disposal/Irrigation System
- ✓ Disposal pumps to match application
- ✓ Suits New and Existing Buildings
- ✓ Environmentally Friendly



S3500 AWTs

EXCAVATION DETAILS



OTHER SYSTEMS

- ▶ **BioSeptic S-TEN** single tank system
single house
- ▶ **BioSeptic Performa** two tank system
single house
- ▶ **BioSeptic Hiflow**
larger establishments with dynamic flows

DOMESTIC MODELS	TANKS	TREATMENT CAPACITY FOR BALANCED DOMESTIC INFLUENT	USE
S-TEN	1	1500L/day	Single dwelling – 10 persons
Performa	2	1500L/day	Single dwelling – 10 persons
S2500	2	2500L/day	Larger dwelling
Commercial models			
S3500	2	3500L/day	Commercial premises
S5000	2	5000L/day	Commercial premises