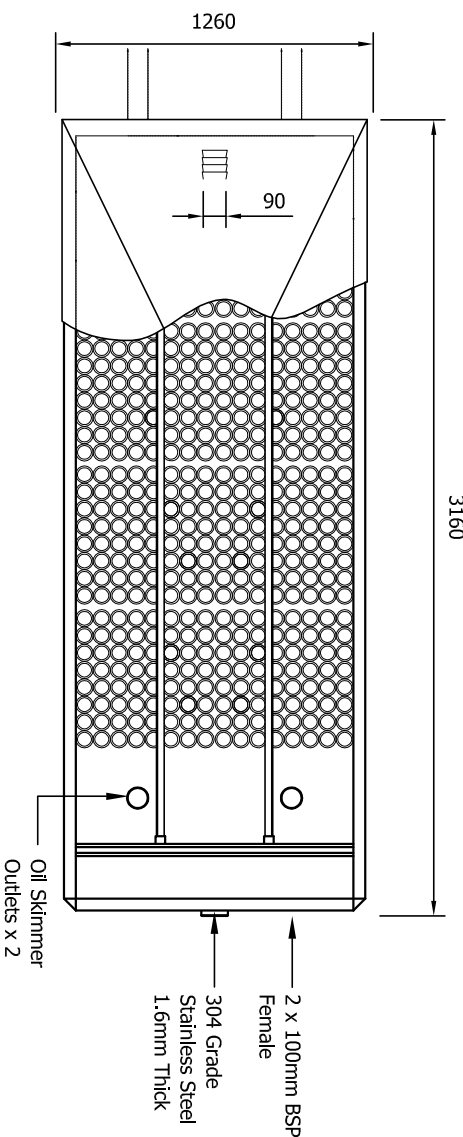
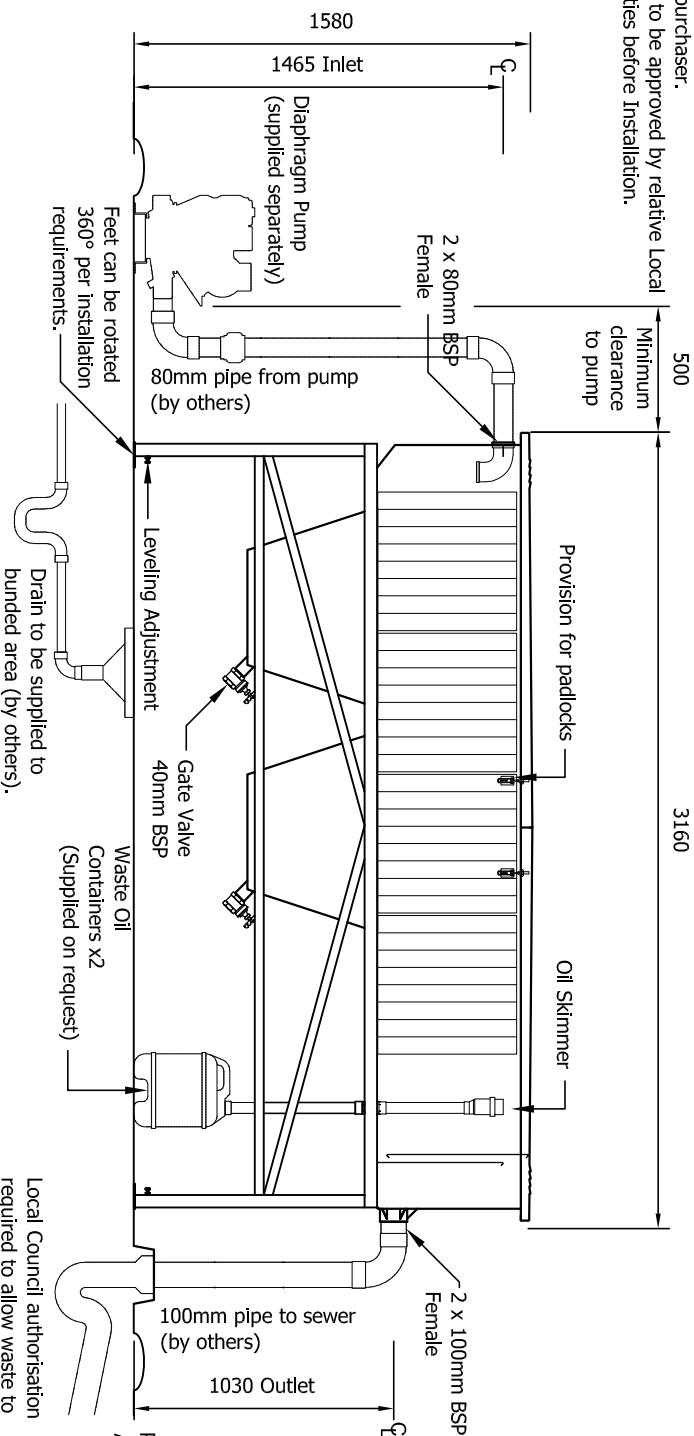


# Schematic Detail of FX15000SS Separator

This unit is designed for use with "Quick Detergents" only. Use of solvent based detergents will affect the efficiency of the unit and may void the warranty.

NOTE: For marine applications Separator can be supplied in 316 Grade Stainless Steel.

Note:  
This is a schematic representation only. Slab size and gradient to engineers details as arranged by customer. All plumbing and electrical connections to be installed by certified tradesmen in accordance with relative authorities requirements. Tradesmen to be engaged by the purchaser. System to be approved by relative Local Authorities before Installation.



SPECIFICATION	
Material - Tank Stand	304 Stainless steel
Maximum flow rate	25mm RHS Galvanised 15000 litres per hour
Actual flow rate	14400 litres per hour
Separation process	enhanced gravity vertical tube pack
Coalescing medium Volume	2375 litres net
Inlet	2 x 80mm BSP Female
Outlet	2 x 100mm BSP Female
Gate Valve	2 x 40mm BSP

**Tube-pack Specification**  
 Bio-Tube - 55 mm Dia. Tube  
 Block Size - (8x) 550 mm x 550 mm x 500 mm  
 Volume - 1.2 m<sup>3</sup>  
 Surface Area - 240 m<sup>2</sup>

Local Council authorisation required to allow waste to be discharged to sewer.  
 Provide Bunded Area for Separator.

### Process Description

Trade waste water is pumped into the separator from either a holding tank or pit. The holding tank is vital in helping the breakout process.

Water enters the separator from one end and passes through a coalescing tube pack which attracts the oil to it. As the oils are lighter than water gravity forces them to the top of the separator. The water then continues under the baffle and exits the separator. The cleaned water can now be released to the sewer or in some cases used to irrigate landscape.

Drain to be supplied to bunded area (by others).  
 Waste Oil Containers x2 (Supplied on request)  
 Oil Skimmer  
 Oil Skimmer Outlets x 2



This Drawing and design is the Property of Fox Environmental Systems Pty Ltd. It must not be used for any other purpose than that for which it was issued. This drawing must not be shown or lent to anyone without the written permission of Fox Environmental Systems Pty Ltd.

Project	System Specifications
Drawing Title	FX15000SS Separator Sub Assembly
Drawn by:	R.O.B.
Date:	09/07/2008
Scale:	1:30
Drawing No:	A4-SPEC-1026