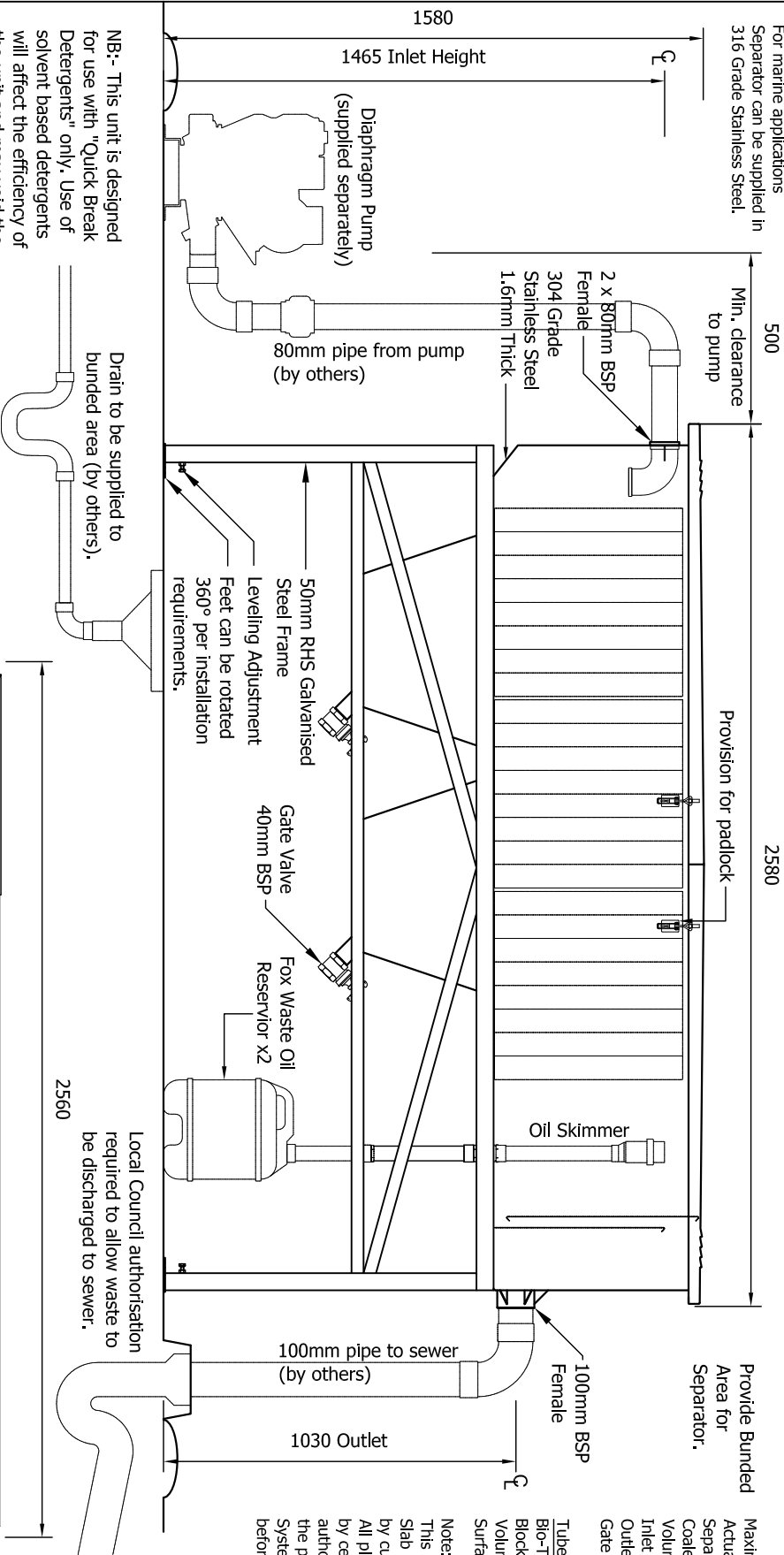


Schematic Detail of FX1000SS Separator

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



Provide Bundled Area for Separator.

SPECIFICATION

Material - Tank Stand	304 Stainless steel
Maximum flow rate	25mm RHS Galvanised 10000 litres per hour
Actual flow rate	7200 litres per hour
Separation process	Enhanced gravity
Coalescing medium	Vertical tube pack
Volume	1900 litres net
Inlet	2 x 80mm BSP Female
Outlet	100mm BSP Female
Gate Valve	40mm BSP

Tube-pack Specification
 Bio-Tube - 55 mm Dia. Tube
 Block Size - (6x) 550 mm x 550 mm x 500 mm
 Volume - 0.9 m³
 Surface Area - 180 m²

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.

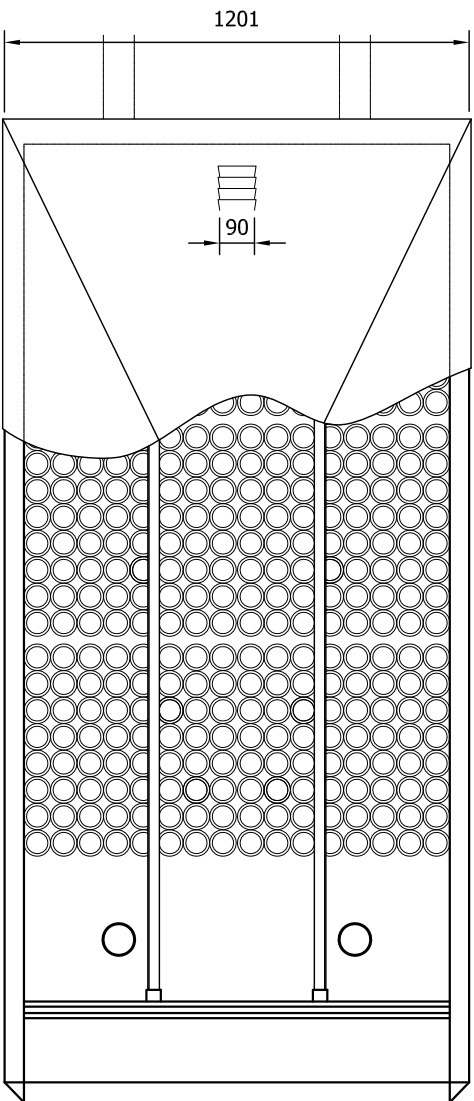
NB:- This unit is designed for use with "Quick Break Detergents" only. Use of solvent based detergents will affect the efficiency of the unit and may void the warranty.

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).

Local Council authorisation required to allow waste to be discharged to sewer.



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Project

System Specifications

Drawing Title
FX1000SS Separator
 Sub Assembly

Drawn by:	R.O.B.
Date:	07/07/2008
Scale:	1:20
Drawing No:	A4-SPEC-1025