

## ControFlow Duo

Dual Inlet Mini Flow Control Chamber

Product Code: SELH03007



### Design

The Skeletank Dual Inlet Mini Flow Control Chamber is specifically designed for use within a Skeletank attenuation system. The standard 11mm diameter orifice, protected by a removable filter, allows for surface water runoff to be restricted to a flow rate of 0.2l/s, preferably within the curtilage of each plot to suit the site layout.

Orifices to suit higher flow rates of 0.4l/s and 0.6l/s are available should the drainage system need to accommodate more than one property for genuine design reasons.

### Specification

Filters are removable to allow for cleaning and/or replacement.

Each chamber has a 200mm deep sump to accommodate the deposition of any suspended solids remaining in the runoff which has passed through the Skeletank RWP Filter Chambers positioned on the downpipes.

The chamber spigots are sized to fit standard 110mm diameter underground push-fit PVC-u drainage sockets.

### Installation

1. Set out the location of the chamber
2. Excavate to the required depth. Set the chambers on a bed of concrete in accordance with the standard detail drawing. The chambers are supplied with a secondary cover; this cover must be left in place during construction to prevent any debris i.e. Stone, mortar, bricks etc falling into the chamber.

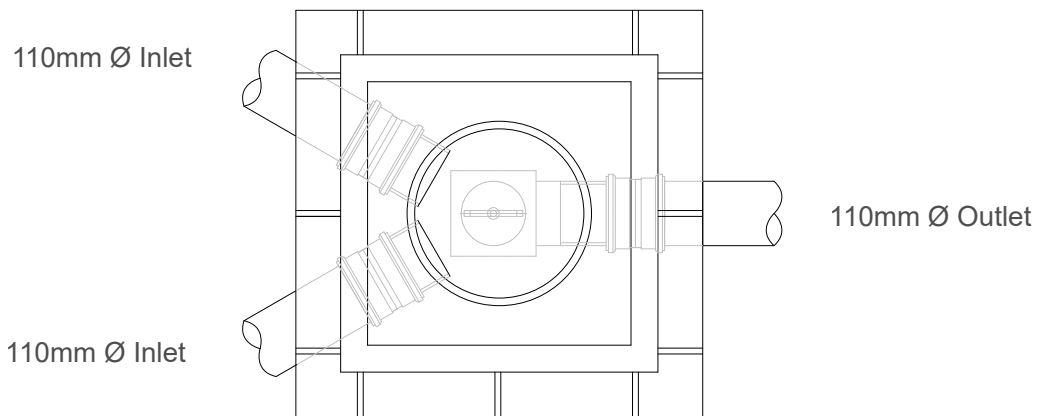
It is recommended that this cover be left in place when the brickwork and final choice of cover & frame has been fixed. Before completion ensure that the secondary cover is not trapped by mortar and can easily be removed.

3. If it is necessary to reduce the height of the chamber, remove the secondary cover, cut the

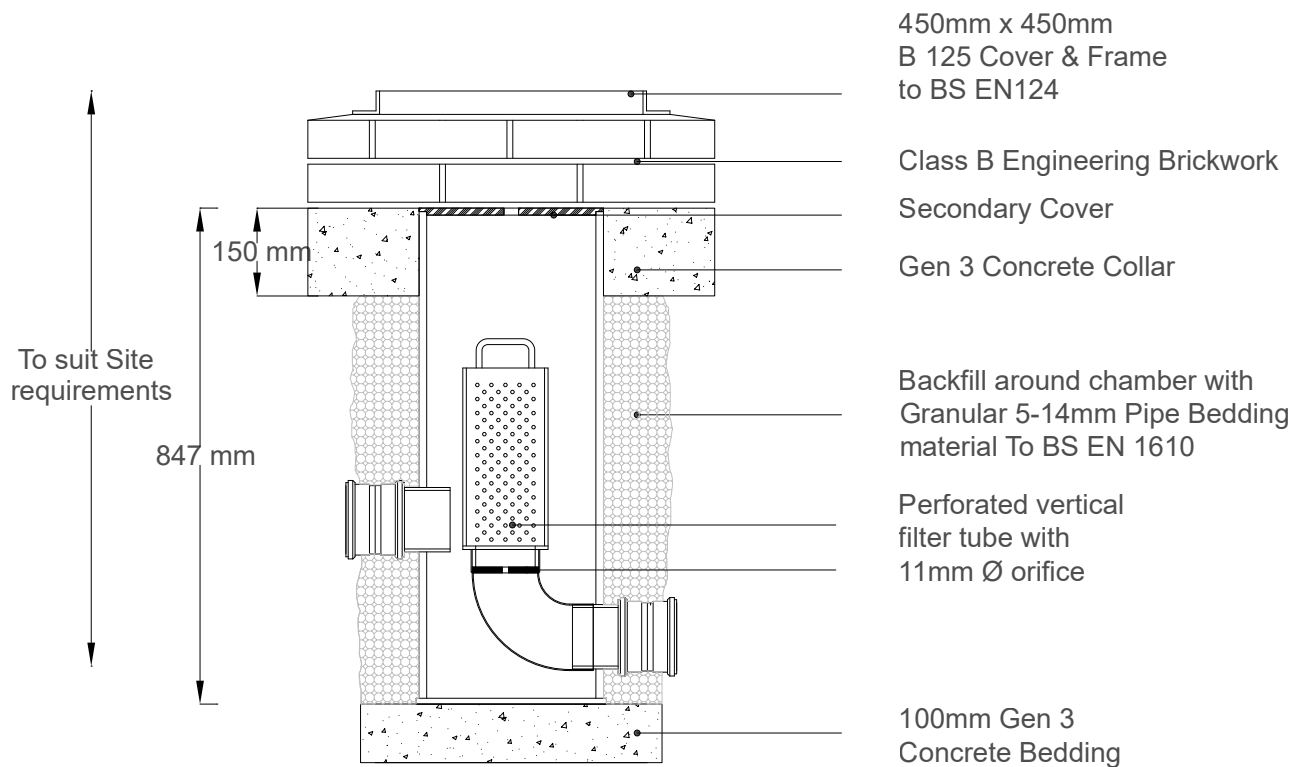
Element	Dimensions
Chamber diameter	315mm
Inlet spigot diameter	110mm
No. of inlets	2
Outlet spigot diameter	110mm
Sump depth	200mm
Overall depth	847mm
Material	Polyethylene
Filter Details	Specification
Filter tube material	Polyethylene
Removable	Yes
Filter tube perforation size	5mm
Flow rate	Specification
Max flow rate through orifice	0.2 l/s Approx.
Maintenance	Specification
Interval - visual inspection Remove and rinse filter if required	3 monthly

chamber to the required height and replace the secondary cover before installation.

4. Connect the pipe work using standard underground pipes and fittings.
5. Backfill in accordance with the standard detail drawing or specific Contract requirements.
6. To complete the installation, a manhole cover to suit loading requirements should be procured and positioned using brickwork to adjust levels.

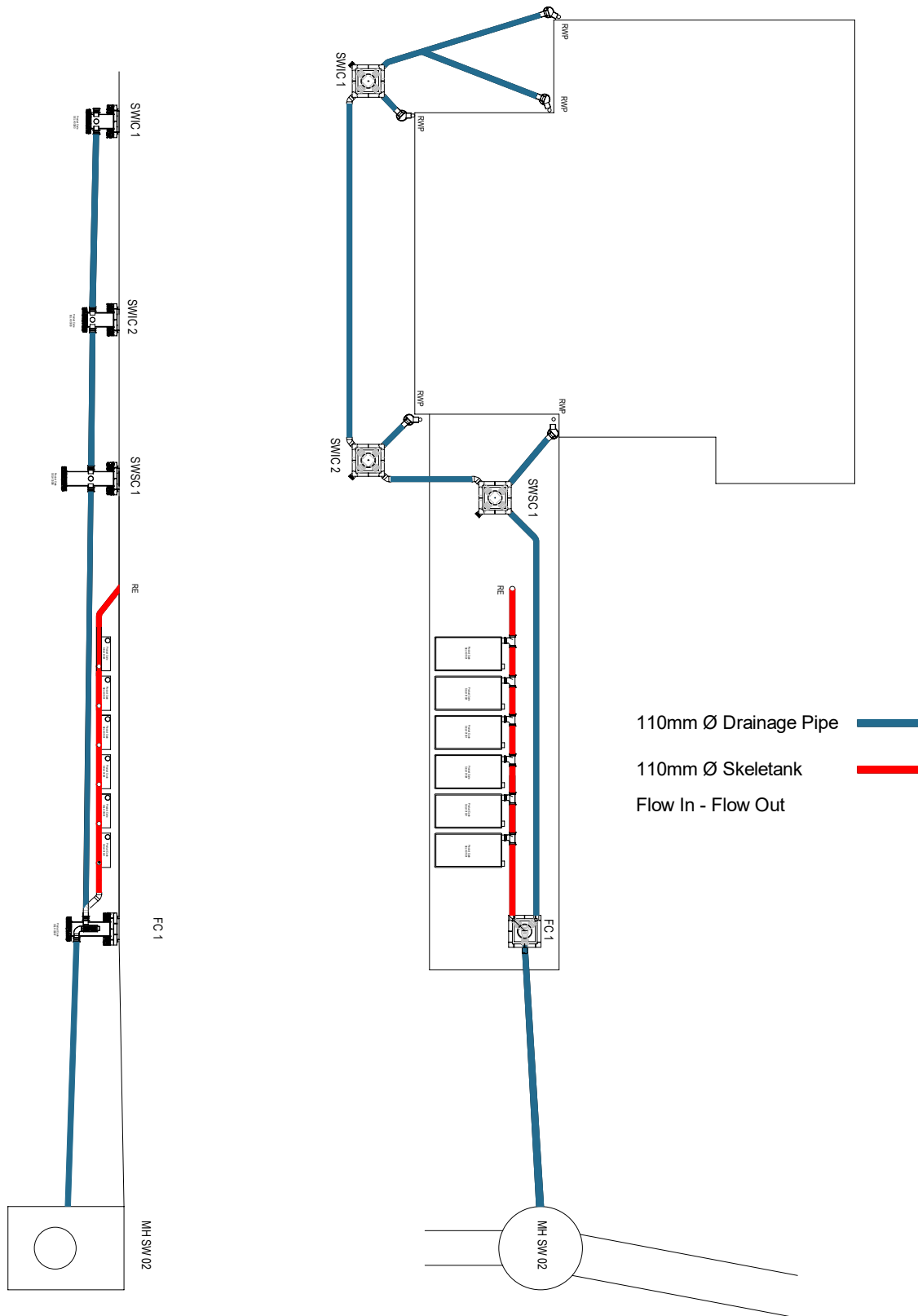


PLAN



ELEVATION

Product Code  
SELH 03007



**TYPICAL SKELETANK LAYOUT & SECTION**

**Disclaimer**

This product specification is neither giving nor implying warranty for the use of this information for design and installation, as these are beyond our control. The data provided is typical and based upon the mean values obtained from the samples taken for any one test. If not otherwise indicated the test procedures reflect usually the mean of five samples. Hydro WMS Limited reserve the right to change the specifications without prior notice. Sketank® is a registered trademark.

**Hydro WMS**

Office 13, Bracondale House , 141 Buxton Road  
Stockport, Cheshire, SK2 6EQ

T: 0161 456 3476 | F: 0161 456 5820  
E: sketank@hydro-wms.co.uk | www.sketank.co.uk