

19 August 2014

Bryan Jezeph Consulting
The Galley
3 South Street
Titchfield
Hampshire
PO14 4DL

FAO: Michael Knappet

EG8849/APT

Dear Sirs

**RE: LAND ADJOINING SUNNYSIDE, WESTERGATE STREET,
WESTERGATE**

We write in response to your queries regarding drainage strategy.

Foul Water Drainage

The plots are designed for connection to the public FW sewer. The attached schematic (Fig 2) indicates the extension of the FW spine. The proposed change will increase FW load by one dwelling. This is de minimus and will not have a material impact on the local FW network

Surface Water Drainage

For the original Homestead development a site investigation was undertaken in February 2008. The logs for this are shown in Fig 4. Permeability testing was undertaken at TH02 ($f = 6.96 \times 10^{-6}$ m/s) with GWL at that time of 9.28m OD. We have also been monitoring GWLs on land to the rear of Sunnyside. This recorded a highest peak GWL of 9.36m OD during winter 2012/2013 (Fig 2). The bore for this had a similar soil profile to TH02. It is proposed to use a combination of permeable pavement and drainage blankets or shallow soakaways to infiltrate surface water to the ground. The infiltration infrastructure inverts will be elevated above the season high GWL levels.

Should you have any further queries please let me know.

Yours sincerely

A P Traves

for Opus International Consultants (UK) Ltd

Enc Figs 1-4

cc J House

EG8849 L 140819