

Ref: CS/C1094

Mr & Mrs Le Cheminant
L'Apache
Westergate Street
Woodgate
Chichester
West Sussex
PO20 3SQ

14th September 2018

Re: L'Apache, Westergate Street, Westergate - REF: PAA/32/18 – Drainage Strategy Statement

Dear Mr & Mrs Le Cheminant

The below will outline the proposed drainage strategy that will adopted for the above application site.

Foul Water

Southern Water sewer records indicate the presence of a 150mm diameter foul water sewer that runs along the private track towards the application site. It is proposed to connect onto this via the existing private system on site or if levels do not permit this, then via a direct connection into the sewer subject to Southern Water's permission.

Surface Water

The existing site is understood to discharge to soakaways and it is therefore proposed to maintain this arrangement by constructing two new soakaways to cater for the 1 in 100 year storm return period + 40% for the new semi-detached unit. Local borehole data confirms the sub strata to be a mixture of sandy and gravelly clays which should yield a moderate to poor infiltration rate. An infiltration rate of $1 \times 10^{-5} \text{m/s}$ has been assumed and this is to be confirmed on site via a BRE 365 percolation test in the winter season.

The surface water for the existing refurbished plot is to remain in place subject to physical condition and proximity to the new building. Should it be with 5m of the footprint then it should be relocated.

The new parking areas are to be constructed with infiltrating porous blocks.

I trust that the above is clear. Please do not hesitate to contact me should you require any additional information.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Chris Slade'.

Chris Slade FIHE

Managing Director

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