

Amanda Hanley By Design Limited  
By email only

Geotechnical Investigations Limited  
Unit 1  
Far Hill Farm  
Fairford  
Gloucestershire  
GL7 4PZ

**For the attention of Amanda Hanley**

17<sup>th</sup> May 2021

**The Old Vicarage, Asthall, Burford, OX18 4HW BRE: Soakaway testing – GI ref: T1835**

Dear Amanda,

Further to our recent discussions and our earlier meeting at the above site, we are pleased to provide you with the attached quotation.

As discussed, we understand that you require BRE soakaway tests at the above site, and for now have assumed 2 pits with up to 3 tests in each, or as much that can be achieved in a single day. The exact location will be agreed and finalised on site.

Also as discussed, we are unable to provide drainage design, which if required will have to be provided by another company - we can provide details of local drainage engineers upon request.

Having referred to BGS viewer (**1:50 000 scale**) we expect the local geology to comprise Chipping Norton Limestone Formation - Limestone, Ooidal or Clypeus Grit Member - Limestone, Ooidal. Sedimentary Bedrock formed approximately 166 to 170 million years ago in the Jurassic Period.

As access to the site is restricted, a small mini excavator (c.1.5T) will be used for the works, which will be provided by yourselves/Nigel Cox builders. We will attempt to excavate trial pit to between 1.5m and 2.0m depth, although due to the nature of the ground and the small machine being used, the depth of pit cannot be guaranteed. We will log the excavated material and undertake up to 3No tests in each pit, depending on water-take and the time allowed. We will provide the results in a short letter.

We have not made any allowance for a water supply, as again this will be provided by yourselves/Nigel Cox builders via a pump from the existing pool.

Please note that the responsibility for insurance during the excavations will be with yourselves/Nigel Cox for these works.

We have assumed that the trial pits will remain generally stable whilst excavated and throughout the test period and have therefore made no allowance for granular backfill during the tests. No man-entry into any pit will take place during the these works.

Whilst we will take care to minimise disturbance on site during the works, some rutting is inevitable, especially during this wet period, and again all ground preparation, protection, reinstatement and landscaping thereafter will be the responsibility of yourselves/Nigel Cox.

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All available service drawings will be provided by yourselves and will be reviewed by this company prior to the works. A CAT (cable avoidance tool) will be used by a trained engineer at each location to assist with the detection of buried services prior to 'breaking ground'.

We have assumed that the ground is not classified as a 'RED' site (in accordance with the BDA guidelines 2008) and have therefore not allowed for PPE for this category of site. We have instead assumed that the site is classified as 'YELLOW' for our purposes and will use standard PPE.

The works will be supervised by a suitably qualified engineering geologist and the trial pits will be logged on site.

We do not intend to obtain samples from the site for testing purposes and have made no allowance for such, or for any laboratory testing.

The works will be carried out during a single day and our current availability is Thursday 20<sup>th</sup> may 2021 following receipt of a works order. A short letter report will be available soon after the completion of fieldwork.

We hope that you find our proposal of interest and look forward to working with you on this project. In the meantime, should you have any queries or comments, or require anything further please do not hesitate to contact me.

Regards



Robert Ewens

Director