

Spacecom Ltd
Broom Hills Farm
Desford Lane
Peckleton
LE9 7RB

1st June 2024

Re: Lauren House Farm, Main Street, Bagworth, LE67 1DN

Further to your request, I can confirm in accordance with item 8, that a suitable surface water drainage framework was installed at the above development by Wilkinson Environmental limited in March of 2023. This was to allow all surface water to be deposited into the Severn Trent Water network and not onto the public highway. Details of the works carried out were as follows, the foul water drainage was completed concurrently.

We believe this to be the best solution after viewing the results of the BRE 365 percolation tests carried out. Due to the predominantly medium to firm clay makeup of the ground all tests came back as unsuitable for any form of soakaway.

After receiving approval from Severn Trent Water, we installed a 1200mm concrete flow control chamber fitted with a D400 frame and cover. A second 1200mm concrete chamber was installed within 1m of the property boundary to act as the required demarcation chamber. Both manholes were constructed following the DCG and were benched to STW specifications.

The flow control was fitted with an orifice plate to reduce the flow to the specified 3 l/s and we pre-installed 3no 150mm vitrified clay inlets to accept surface water from future downpipes and linear drainage. The flow control chamber was piped to the demarcation chamber using 150mm vitrified clay pipework.

The combined connection that served the former property was in poor condition so was removed up to the boundary and new 150mm vitrified clay pipework was installed and connected to the new demarcation chamber. I have not detailed the foul works as I don't believe they are relevant to item 8 but would be happy to do so on request.

Should you have any further requirements please do not hesitate to contact me.

Kind Regards,
Jason Tandy

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