

Zac Denton

From: Robert Clark [REDACTED]
Sent: 15 May 2019 11:11
To: Laura Gibbons
Subject: RE: Apple Barn Cottage - CM/5/19/HH

Thanks Laura

From: Laura Gibbons [REDACTED]
Sent: 15 May 2019 10:10
To: [REDACTED]
Subject: RE: Apple Barn Cottage - CM/5/19/HH

Bob,

That is fine if there is adequate capacity within the rest of the network.

Thanks,

Laura Gibbons, MEng, GMICE
Engineer (Drainage & Coastal)

From: Robert Clark [REDACTED]
Sent: 08 May 2019 15:20
To: Laura Gibbons
Subject: RE: Apple Barn Cottage - CM/5/19/HH

Dear Laura

I feel that you should rely on the MicroDrainage calcs as this is industry standard and shows no flooding on a 100 year storm + climate change.

However, we have 5.7 cu.m storage in the geocell and a further 1.4 cu.m storage in pipework, manholes and the geocell surround, so hope this is ok.

Kind regards
Bob

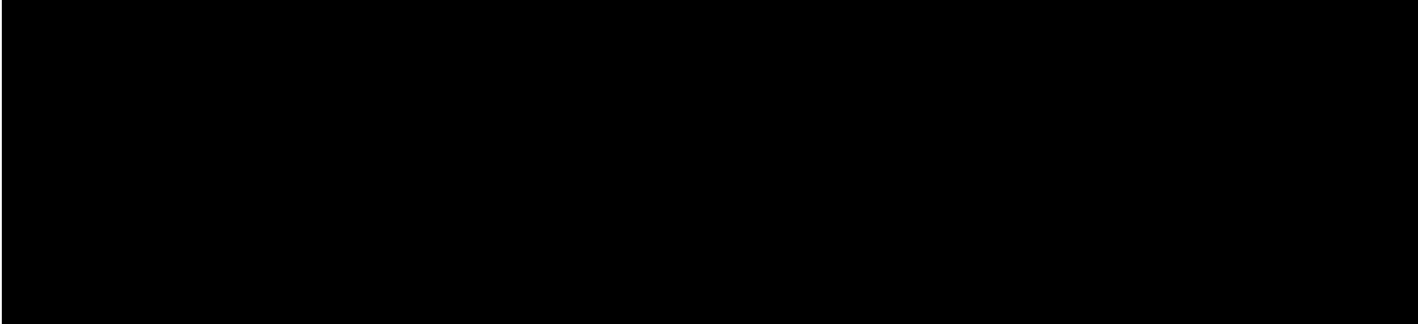
From: Laura Gibbons [REDACTED]
Sent: 03 May 2019 13:58
To: 'Robert Clark' [REDACTED]
Subject: RE: Apple Barn Cottage - CM/5/19/HH

Hi Bob,

Thanks for sending through the calculations. There is insufficient volume within G2 for the 1 in 100 year +40% climate change. You have an available volume of 5.7m^3 , and the volume of water modelled is 6.6m^3 . Can the soakaway be increased in size so that it is able to accommodate this volume?

Kind Regards,

Laura Gibbons, MEng, GMICE
Engineer (Drainage & Coastal)



From: Robert Clark [REDACTED]
Sent: 27 April 2019 18:11
To: Laura Gibbons
Cc: 'Emma Weaver'
Subject: Apple Barn Cottage - CM/5/19/HH

Hi Laura

Sorry that you didn't get the calcs – my omission.

These are now attached.

You will see that we have now used the perc rate from BH3 to design G1 and it is fine.

We have used the perc rate from BH2 at 929 to design G2 and again it complies, in that there is no surcharge with a 10-year storm and no flooding on a 100-year storm + 40% climate change, so I hope all is ok.

Kind regards
Bob

