

AnnS Jones

From: Matthew Phillips
Sent: 20 December 2017 09:06
To: planning_admin
Subject: FW: P/2017/0799
Attachments: w10377-170908-FCA.cleaned.pdf

Please add email and attached as Flood Consequences Assessment to P/2017/0799

From: Rosina Bloor [<mailto:rosina@rogerparry.net>]
Sent: 13 December 2017 15:59
To: Matthew Phillips
Subject: P/2017/0799

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Matthew

Further to the Flood officer comments for the above application, we would like to provide you with the following comments:

We would direct the council to Appendix F of the report provided by WaterCo which includes the greenfield calculation which is taken from REFH2, extract taken from page 8 from the report below;

Existing greenfield runoff rates have been estimated using the Revitalised Flood Hydrograph Model (ReFH2) method (see Appendix F). The existing 1 in 2 year (equivalent to QMED) greenfield runoff rate for the 1.36ha development site is 7.2 l/s.

And MicroDrainage calculations for the design event (100 year plus 30% climate change event) ... related extract taken from page 8 of the report below;

In order to achieve a discharge rate of 7.2 l/s, attenuation storage will be required. A storage estimate is included in Appendix F. An estimated storage volume of 720m³ will be required to accommodate the 1 in 100 year plus 30% climate change event. The storage estimate is based on storage within a tank or pond structure, an impermeable drainage area of 1.36ha, a design head of 1m and hydro-brake flow control. The required attenuation could be provided in the form of an underground attenuation tank located within the proposed yard area.

Please see attached another copy of the report.

Kind regards
Rosina

Rosina Bloor BSc (Hons) MRICS
Chartered Surveyor, Roger Parry & Partners LLP



The Partners and Staff of Roger Parry & Partners LLP wish you a Merry Christmas and a Happy New Year. Roger Parry & Partners LLP will close at 6.00pm on Friday 22nd December 2017 and will re-open at 9.00am on Wednesday 27th December 2017. The Office will also be closed on Monday 1st January 2018.

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Shropshire, SY11 2NU

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