

## Mark Naumann

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**From:** Su DS Consultations - Flood < >  
**Sent:** 25 June 2018 14:27  
**To:** Mark Naumann; Su DS Consultations - Flood  
**Cc:** Ben Ellis; Lap Chan  
**Subject:** RE: The Rainbow Trout Inn, Chitcombe Road, Broad Oak, Ryde, TN31 6EU - SWS-SUSXE-CC-003901

Hi Marks,

Thanks for sending this through. This information addresses our previous concerns and would be acceptable in principle.

Kind regards

Charlie

**Charlie Cooper**

Sustainable Drainage Advisor  
Flood Risk Management - CET

[SuDS@eastsussex.gov.uk](mailto:SuDS@eastsussex.gov.uk)



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**From:** Mark Naumann [mailto: ]  
**Sent:** 15 June 2018 14:12  
**To:** Su DS Consultations - Flood  
**Cc:** Ben Ellis; Lap Chan  
**Subject:** RE: The Rainbow Trout Inn, Chitcombe Road, Broad Oak, Ryde, TN31 6EU - SWS-SUSXE-CC-003901

FAO Charlie Cooper,

Further to your previous comments please see attached our updated proposal for the drainage at the Rainbow Inn site in Broad Oak.

We have re-consulted with Southern Water with regards to managing runoff using the existing roof (and some frontage paving) runoff from the public house that can be seen to drain to the main drainage on site. We have shown that flows can be managed to the existing 1in1yr roof runoff rate for the whole of the new development and as can be seen from the Appendix % of the revised report Southern Water have accepted this proposal as it provides betterment over the existing situation in terms of peak flows. We have shown on the plan a crated system for attenuation (to show viability of a worst case scheme) but potentially water could be stored (either in part or in full) under the main site access road subject to detailed calculations. Permeable pavements have been shown to be unlined to promote infiltration where feasible and further reduce runoff (although infiltration potential is likely to be limited).

I trust this proposal now shows foul and storm water can be drained suitably and managed on site to existing runoff rates and allows you to remove the objection for this development on the grounds of surface and foul drainage.

I trust the attached is fairly self-explanatory but should you wish to discuss the proposal further please contact me.

Kind regards,

**Mark Naumann BEng(Hons) CEng MICE** | Principal Engineer



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