
FW: 1 Burley Road Felpham - (FP/73/26/DOC) - Discharge of Condition - Drainage Engineers Comments

From Amber Willard <Amber.Willard@arun.gov.uk>

Date Thu 13/08/2026 08:22

To Planning.Responses <Planning.Responses@arun.gov.uk>

 6 attachments (1 MB)

1111-2528-CIV-51-P2 Constructional-2.pdf; P-002 Drained Areas Plan Revision P8.pdf; FEH22 Drainage Design Calculations from JSON 15 (Burley).pdf; P-002 Drainage Layout Revision P8.pdf; Engineer Comments FP-73-26-DOC - #1 Burley Road-1 Response.docx; burley road.docx;

Please upload as sub docs and reconsult for FP/73/26/DOC

I attach an action sheet

Thanks

Amber Willard MRTPI
Principal Planning Officer, Planning Department

Tel: 01903 737942

E: amber.willard@arun.gov.uk

Arun District Council, Civic Centre, Maltravers Rd
Littlehampton, West Sussex, BN17 5LF
www.arun.gov.uk

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From: peter sonntag <[REDACTED]>
Sent: 12 August 2026 15:29
To: Amber Willard <Amber.Willard@arun.gov.uk>

Cc: Colin Packer <[REDACTED]> Anne Packer <[REDACTED]>
Subject: 1 Burley Road Felpham - (FP/73/26/DOC) - Discharge of Condition - Drainage Engineers
Comments

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Good afternoon Amber,

Thank you again for bearing with us on this and for giving us the opportunity to provide the additional information requested.

I'm pleased to confirm that the outstanding drainage comments have now been reviewed and the amended drawings, calculations and supporting information are attached.

I have also included the engineer's explanatory email below, setting out the revisions made in response to the points raised.

We hope the information provided is sufficient to address the outstanding drainage matters and allow the condition to be discharged.

Thank you again for your patience and for allowing us the opportunity to resolve this without having to withdraw or resubmit the application. It is very much appreciated.

Please let me know if you or the drainage officer require anything further from us.

Kind regards

Pete Sonntag BA Hons Dip' Arch

Tel: [REDACTED]

www.petesonntag.co.uk

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Begin forwarded message:

Good afternoon Pete.

This is confirmation of our recent meeting regarding Arun Drainage Engineer's Comments from the Discharge of Conditions.

I have slightly amended some drawings, created a new drawing for the impermeable areas and provided new calculations for the soakaway design. This is using the original documents by RCD Civils.

It should be noted that the new calculations for modelling the soakaway use the latest FEH22 rainfall point data, and I have included the 'Point Descriptors' as part of the calculations document. This is the same data used by Causeway Flow modelling in the original submitted calculations and you can check this (if you so wish) by comparing the rainfall intensity + climate change allowance for any rainfall durations. For example my modelling and Causeway modelling both give for a 60 minute storm a rainfall of 63.534 mm/hour.

I have address each of the consultations on the provided 'Comment Tracking Document'

Comment No. 1

The discrepancies on the original document have been addressed and a new Drainage Layout Plan has been issued raised to revision P8. A new drained areas plan has been created detailing the impermeable areas and has clarified the Urban Creep Allowance associated with each area. This new drawing is at revision P8. Additional information has been added to each of the drawings, as regards the soil investigations, to aid with the consultation.

Comment No. 2

Since there is levels information provided for the Finished Floor Level (FFL), the Garage Floor Level (GFL), the Geocellular Soakaway Structure, the individual drainage components and the original Topographical Survey, I can only assume that the consultation is referring to the 'finished levels design information' relating to the permeable pavement. This has now been incorporated on both the Drainage Layout Plan and the Impermeable areas Plan.

Comment No. 3

The Constructional Details Drawing showed a detail for the Permeable Pavement with a "tarmac running layer". This detail is completely irrelevant and is not incorporated within the original design and its inclusion can only be assumed to be an error. This superfluous detail has been deleted from the Constructional Details Drawing which has been raised to revision P2.

Comment No. 4

The location and general details for the (atmospheric) venting of the soakaway has been included on the Drainage Layout Plan and its full details, including manufacturer and model type, has been incorporated on the Constructional Details Drawing.

Comment No. 5

The Factor of Safety for the Geocellular Soakaway Structure has been reviewed, and has been increased from 2 to 3, and a new set of modelling calculations has been provided using FEH22 rainfall data. Additionally these calculations include the correct main roof impermeable area including the Urban Creep Allowance.

It should be noted that the Permeable Pavement modelling remains unchanged since its area < 100 square metres and Urban Creep Allowance is not relevant here. As such the original Causeway Flow calculations remain unchanged as valid here.

There are documents attached which should be submitted to Arun for their second consultation. There are

1. A revised Drainage Layout Plan raised to revision P8. [P-002 Drainage Layout Revision P8.pdf]
2. A new Drained Areas Plan at revision P8. [P-002 Drained Areas Plan Revision P8.pdf]
3. A revised Constructional Details Drawing raised to revision P2 [1111-2528-CIV-51-P2 Constructional-2.pdf]
4. A new set of Mate Geo-Technic Services, Soakaway Modelling calculations for FEH22 rainfall , at revision 01
5. Completed Arun Comment Tracking Document.

These 5 documents should be submitted to Arun as No's 1 & 3 as superseded documents, and No's 2, 4 & 5 as additional documents. All other documents submitted with the original DoC submission remain valid.

If you have any queries or comments then please email us.

Kind regards

For Mate Geo-technic Services

Sent with [Proton Mail](#) secure email.