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From: **Marion Clapp** <Marion@rdtarchitects.co.uk>
Date: Tue, 14 Jan 2025 at 16:38
Subject: Re: 0009 - AWDM/1283/24 102 Warren Road Condition 19 Drainage verification
To: Louise Prew <louise.prew@adur-worthing.gov.uk>
Cc: Richard Tavener <Richard@rdtarchitects.co.uk>

Hello Louise

Further to your recent email regarding discharge of the above condition, we are pleased to respond as follows:

- The provided data sheets do not evidence that the hydro brake has been installed. – Photo attached
- Furthermore, from the information provided it is not clear if the tarmac installed is permeable. We would usually expect to see the use of Super Drain Asphalt. Macadam is permeable, Super drain was not specified by the engineer, we work as per specification, The data sheets for the open surface permeable macadam has been provided within Rev D of the drainage verification report, therefore further evidence of its permeable characteristics is not required. In addition please see the attached data sheets from Conway for PA 20 binder and PA 32 Base (PA = Porous Asphalt), which also demonstrates the permeable macadam has been used on this project,.
- We also note that in the photo of the tarmac there appears to be a highway gully which would not be required if the tarmac is permeable. All drainage features are installed in accordance with the approved engineers' drawings, consequently Highway gullies have been installed in accordance with the drawings issued to planning. Acco drainage has been installed in accordance with the engineers drawing where the car park abuts the public bridlepath, all in accordance with the approved drawings.
- There is also a concern regarding the efficiency of the permeable tarmac as, in Photo 9, it appears sediments have been stored on top which may have silted up the tarmac. Therefore, the applicant could send a video of water being poured over the tarmac to demonstrate it is permeable. Photo 9 does not show sediments stored on top of macadam, this photo shows stone which has not yet had the macadam course applied over the granular material as works in progress, please refer to photo 10 which is the completed permeable macadam which is free from any sediment.. see above comment regarding permeable macadam spec.

We trust that this clarifies the comments raised and will be sufficient to discharge condition 19 - drainage verification report.

Practical completion on this project is imminent so we would appreciate if you would be able to urgently attend to this.

Many thanks in advance.

Kind regards

Marion Clapp

Marketing Manager

rdt architects

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