

23/00273/DISCON

Supporting email received 1.8.2023

Condition 16

As discussed yesterday, please find attached to this email the revised drainage strategy for the discharge of conditions at Kyngs, which takes into account the comments raised by the LLFA in their most recent response of 23 June 2023. My comments are in **red** as below.

- *Updated surface water drainage engineering layout plan incorporating pipe sizes, gradients, flow directions, pipe numbers, cover and invert levels. Please refer to the attached proposed drainage layout, which now provides details of pipe size, gradients, flow directions, invert levels and pipe numbers*
 - *Whilst a drainage strategy has been submitted and previously approved, the LLFA required final construction level detail to be submitted in support of the application. A number of details remain outstanding, including product details for the flow control and invert levels of the pond and outfall. Please refer to the attached drainage construction details drawing and the section through pond and headwall drawing for the product details, and the submitted sections and drainage layout drawing for the invert levels*
- *Full modelled scenarios for the 1 in 1 year, 1 in 30 year and 1 in 100-year plus climate change storm events.*
 - *The applicant has submitted a source control model to the LPA. The level of detail in a source control model is insufficient to demonstrate the performance of the drainage network at this stage of the planning process. The applicant should submit a network model for review to the LPA. Now attached as the modelled 1 in 100 year + 40% CC Microdrainage calculations*
- *Detailed design drawings, including cross sections and long sections of key drainage runs, flow control and SuDS features. Please refer to the attached Section drawings*
- *Confirmation on the appropriate drawing what specific SuDS flow control products will be used to ensure the correct flow control is incorporated into the modelled scenario. Please refer to the Drainage Construction Details Drawing and the External Works and Surfacing Construction Details drawing*
- *Details demonstrating how surface water will be managed on site to prevent an increase in flood risk during the various construction stages of development from initial site works through to completion. This shall include temporary attenuation, additional treatment, controls, maintenance and protection. Details regarding the protection of any proposed infiltration areas should also be provided. Details provided within the External Works and Surfacing Plan and within the Maintenance Schedule*

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