

# 25/00543/REM – Hinckley Phase 7

## LLFA Comments – Response on 8<sup>th</sup> August 2025

Following comments made on the above scheme on the 9<sup>th</sup> of July 2025, please find enclosed the following information for review:

- Drainage layout
- Impermeable Areas layout
- Hydraulic calculations
- Attenuation cross sections and detailed drawings

To accompany the above, please see below my comments on the response:

1. Comment - Hydraulic calculations for the proposed development with the simulation of the 1in100 year scenario which show the area location for surface water attenuation is sufficiently sized.
1. Response – Hydraulic calculations included showing the updated drainable areas included within the ponds sized for our previous application.
2. Comment – Catchment area plan required.
2. Response – enclosed as requested.
3. Comment – Cross sectional details of proposed attenuation features.
3. Response – Enclosed as requested
4. Comment – Details of how a secondary stage of treatment of surface water is to be provided in the proposed layout.
4. Response – Our layout incorporates two stages of treatment within the proposed SuDs features on site. Both attenuation basins will feature an initial gabion forebay to filter surface water through the stone and begin to remove silt. The second stage of the treatment is in the form of a low flow channel located directly behind the gabion forebay. Water will flow into this permanently wet feature, where the remaining silts will drop to the bottom of the strip and settle, allowing the cleaner

treated water to exit the pond. The low flow channels are planted with reeds and other beneficial vegetation to help treat the water and remove any potential pollutants.

5. Comment – Consideration of maintenance access for sustainable drainage features.

5. Response – Both attenuation basins will be fenced off for security, but have a gate installed adjacent to the public highway to allow for a maintenance team to enter the basins for maintenance. This is shown in on the pond section drawings.