

**From:** Gray, David <david.gray@barratthomes.co.uk>  
**Sent:** 23 June 2026 16:21:22 UTC+01:00  
**To:** "Alex Jelley" <Alex.Jelley@hinckley-bosworth.gov.uk>; "Edward Stacey" <Edward.Stacey@hinckley-bosworth.gov.uk>  
**Cc:** "Ward, Stephen" <stephen.ward@barratthomes.co.uk>; "Twigg, Nick" <nick.twigg@barratthomes.co.uk>; "Lesley Keal" <Lesley.Keal@hinckley-bosworth.gov.uk>  
**Subject:** Hinkley LLFA comments - details to address - Draft proposals  
**Attachments:** Hinckley North, Phase 2- SUDS Proposal.pdf

Dear Alex / Ed

Please see attached 'draft' updated layout plan (for consultation with LLFA) showing additional source control SuDs features for consideration. I have highlighted in red our response to the LLFA comments (in black text) received.

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**We acknowledge the LLFA's comments in relation to Condition 17 and provide the following clarification and updates to the drainage strategy.**

#### *Condition 17*

The LLFA make the following observations in relation to Condition 17 As previously advised a drainage strategy and engineering layout have been provided in support of this application. The runoff rates proposed are in line with those proposed at outline and are acceptable in principle. However, no source control SuDS have been detailed on site. The National Standards for SuDS (NSS) requires the retention of the first 5mm of rainfall on-site, and NPPF requires SuDS on all major applications. Therefore, features such as permeable paving, rain gardens, tree pits, swales, etc. must be provided on site. Swales were proposed at outline stage but appear to have not been provided. As this is a combined Reserved Matters and Discharge of Condition application this information needs to be included at this stage.

**A comprehensive drainage strategy and engineering layout have been submitted in support of the application, with proposed runoff rates consistent with those agreed at outline stage and accepted in principle.**

**In response to the specific comments regarding source control SuDS and compliance with the National Standards for SuDS (NSS) and the NPPF, we confirm that a range of measures are incorporated within the design:**

- The scheme includes four large SuDS attenuation/retention features**, which provide significant on-site storage and management of surface water runoff.
- Three existing local ditches/hedgerows have been retained and integrated** into the design.
- The layout incorporates vegetated highway verges and tree pits distributed across the site**, which contribute to interception, storage, and infiltration of surface water at source.

Furthermore, in direct response to the LLFA's request to strengthen the provision of source control SuDS, we are proposing the addition of:

- **11 new swales**, as shown on the accompanying updated drainage plan. These swales will serve to drain private drives and other areas of hardstanding across the development in a more sustainable manner, providing additional opportunities for infiltration, water quality improvement, and attenuation.

These enhancements ensure that the scheme aligns with the principles of the NSS, including the retention and management of the first 5mm of rainfall on-site, and satisfies the NPPF requirement for SuDS on major developments.

We trust that the above demonstrates that a robust and comprehensive SuDS strategy is being delivered, incorporating both strategic and source control measures. We believe the proposed approach addresses the LLFA's comments in full.

Additionally:

- Please detail how the site will comply with the National Standards for SuDS. **Addressed - Please see the response above.**
- CV value must be set to a value of '1'. **Addressed - The CV value should not be set to '1'. Setting the CV value to 1 conflicts with the detailed drainage analysis approved at Outline Stage (Report Ref: HN2-BWB-ZZ-XX-RP-CD-0001-SDS-S2-P03), where a nationally validated Cv value of 0.75 has been applied. There is no requirement within the National SuDS Standards or any enforceable policy mandating a CV value of 1. Furthermore, there is no recent scientific evidence or record of hydraulic failures to justify such a change. The currently adopted parameters are already conservative and provide a robust design basis.**
- MADD Factor must be set to '0'. **Addressed - This has now been changed as requested, minimal impact some localised pipe upsizing.**
- Please re-run the 1 in 30 year storm with a 35% allowance for climate change in accordance with climate change guidance. **Addressed - These are now provided.**
- Networks have been simulated up to the 36-hour storm (2160mins), however, this is also the critical event by maximum level for several pipes within Networks 3 and 4. Please run longer duration simulations as a sensitivity check to demonstrate that the 36-hour storm remains the critical design storm for those pipes. **Addressed - These are now provided.**
- Please account for discrepancies in the hydraulic calculation catchment area for Network 4, pipe references 1.004 and 1.005 when compared with the drainage area document for Network 4. Is this linked to the 2674m2 area shown at Sunnyside Farm? If not please explain the relevance of this figure being shown on the plan. **Addressed - You are correct the calculations include an additional 2674m2 is for Sunnyside farm.**
- As previously requested, please provide the private drainage layout. **Addressed - We expect this to be conditioned – we are currently in process of designing these.**
- 24m3 is shown to flood from MH 400 during the 1 in 100 year plus 40% climate change with exceedance flow routing directed towards the site boundary and then towards private plots. This volume is too high to be directing towards private

plots during the design flood event. **Addressed – Noted, we have updated the design to mitigate the flooding, minor implication on pipe/manhole size.**

- Provide some commentary around the 4 basin impermeable areas (65% - 0.910ha, 1.525ha, 1.087ha and 4.622ha) stated on the drainage area plan drawings and why they differ from the cumulative areas inputted into hydraulic calculations (0.58ha, 1.588ha, 1.592ha, 4.357ha). **Addressed - These figures were left over from the feasibility they are superseded by the detailed design and have been removed from the plans.**
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In addition to the above, we have updated the following drawings to enable the LPA to have assurance that the details requested can be accommodated on the site without affecting the layout proposed.

Please see *wetransfer* link below to the documents for consultation and agreement with the LLFA.

[03. Drainage Plans June](#)

The infiltration testing has been provided within Appendix II of the Ground Investigation Report (Ref: ASL=092-24-087-10, dated November 2024).

|                    |                         |
|--------------------|-------------------------|
| H0997-100-01E      | ENGINEERING LAYOUT      |
| H0997-100-02E      | ENGINEERING LAYOUT      |
| H0997-100-03E      | ENGINEERING LAYOUT      |
| H0997-100-04E      | ENGINEERING LAYOUT      |
| H0997-300-01B      | S104 LAYOUT             |
| H0997-300-03B      | S104 LAYOUT             |
| H0997-300-04B      | S104 LAYOUT             |
| H0997-300-05A      | S104 LAYOUT             |
| H0997-302-01B      | MANHOLE SCHEDULES FOUL  |
| H0997-303-02B      | MANHOLE SCHEDULES STORM |
| H0997-312-01B      | DRAINAGE AREA PLAN      |
| H0997-312-02B      | DRAINAGE AREA PLAN      |
| H0997-312-03B      | DRAINAGE AREA PLAN      |
| 092-24-087-10      | Site Investigation      |
| Storm Calculations | E970 – various          |

I trust this information is satisfactory to address any matters that may be raised at Planning Committee.

If you have any further questions, please do not hesitate to contact me,

Kind regards,

**David Gray** | MRTPI DIP TP  
**Planning Manager**  
BDW North Midlands Division

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