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| <b>To:</b> | Development Management | <b>From:</b> | Drainage Team (AtkinsRéalis) |
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| <b>Planning App Ref:</b> | PL/2025/09180 |
| <b>Service Ref:</b>      | Drainage      |
| <b>Date:</b>             | 02/12/2025    |

## PROPOSAL

Up to 2 self build dwellings to the south of Southfield, Parsons Lane, Crockerton, Warminster, BA12 8AR.

## SITE LOCATION

Land at Southfield, Parsons Lane, Crockerton, Warminster, BA12 8AR.

## SUMMARY OF THE CONSULTEE POSITION

|                                                 |          |
|-------------------------------------------------|----------|
| Object                                          |          |
| Holding Objection: Further information required |          |
| Support                                         |          |
| No comment                                      |          |
| No objection                                    | <b>X</b> |
| No objection subject to conditions              |          |
| Consultation not required                       |          |

## APPLICATION DOCUMENTS REVIEWED

- Application for Permission in Principle (Application form redacted).
- Planning Statement.
- Site Location Plan.
- Block Plan.

## ASSESSMENT OF THE PROPOSAL

The LLFA have no objections to this permission in principle. The site is situated within Flood Zone 1 with a very low risk of surface water flooding and medium level risk of groundwater flooding. This land is compatible with the vulnerability of the proposed development.

## INFORMATIVES

We would expect the applicant to supply the following information as part of subsequent stages:

A drainage plan is required to support the application, this should include the following in accordance with the [National Standards for SuDS \(2025\)](#):

- Evidence that the [surface water disposal hierarchy](#) has been applied.
- The strategy mimics the existing drainage characteristics of the site by retaining and utilising any existing drainage features.
- Soakaway testing in accordance with BRE365, and groundwater level monitoring (taking into account seasonal variations).
- If infiltration is proposed, it is implemented in manner that does not create an offsite impact, particularly if there are reports of groundwater flooding in the area.
- Existing pre and post development runoff rates for the site, in accordance with Wiltshire Council's betterment policy update, which can be found [here](#).
- Calculations that demonstrate the sizing of any attenuation/ SuDS features and cross section drawings of these features.
- Pre and post development exceedance routing that demonstrates flood risk is not increased elsewhere.
- Evidence that the finished floor levels are above the maximum predicted 100-year flood level or if no flooding is predicted, at a sufficient height above the SW drainage cover levels.
- Evidence that the proposed drainage design provides a sufficient level of water treatment.
- Consent for any outfalls from the proposed drainage systems into a public sewer or other drainage system not owned by the applicant.
- Details of how the proposed and existing drainage features on the site will be maintained and managed after completion with confirmation from the relevant authority that they will adopt any systems that are being offered for adoption.
- If access to the site is predicted to flood, an emergency plan must be agreed with Wiltshire Council. Guidance on the preparation of an emergency plan can be found [here](#).

To aid in the development of compliant drainage strategies, the following are recommended without prejudice. These are based on the [National Standards for SuDS](#). We would recommend also utilising the best practice guidance within *The SuDS Manual*, and *Getting SuDS Right from the Start*:

| Standard                        | Best Practice Considerations                                                                                                                                                                                              |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standard 1 – Drainage Hierarchy | <ul style="list-style-type: none"><li>• Retain and enhance existing natural drainage features where possible.</li><li>• Use site layout to maximize opportunities for infiltration and above-ground conveyance.</li></ul> |

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|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                             | <ul style="list-style-type: none"> <li>• Identify how communal rainwater harvesting can be utilised to help improve viability of inclusion.</li> <li>• Identify whole-life cost-benefits such as water bill reductions for implementing rainwater harvesting.</li> </ul>                                                                                                                                                                             |
| Standard 2: Interception                                                                    | <ul style="list-style-type: none"> <li>• Use green roofs, permeable paving, rain gardens, and bioretention to maximize interception.</li> <li>• Distribute source control features throughout the site for maximum effectiveness.</li> <li>• Provide a maintenance plan to ensure interception features remain effective.</li> </ul>                                                                                                                 |
| Standard 3: Management of Extreme Rainfall and Flooding                                     | <ul style="list-style-type: none"> <li>• Use topographical surveys to identify and preserve natural overland flow routes.</li> <li>• Design SuDS features with freeboard and overflow routes.</li> <li>• Ensure safe access and egress during extreme events.</li> <li>• Consider overland flows originating from outside redline boundary</li> <li>• Consider how the drainage systems will perform in the event of blockage and failure</li> </ul> |
| Standard 4: Water Quality                                                                   | <ul style="list-style-type: none"> <li>• Use vegetated SuDS (swales, ponds, wetlands) for effective pollutant removal.</li> <li>• Include forebays or sediment traps upstream of main SuDS features.</li> <li>• Provide a maintenance plan for regular removal of silt and debris.</li> </ul>                                                                                                                                                        |
| Standard 5: Amenity                                                                         | <ul style="list-style-type: none"> <li>• Use gentle side slopes, accessible paths, and seating to make SuDS features usable and attractive.</li> <li>• Involve local communities in the design of SuDS spaces.</li> </ul>                                                                                                                                                                                                                            |
| Standard 6: Biodiversity                                                                    | <ul style="list-style-type: none"> <li>• Design SuDS to create wetland mosaics, wildlife corridors, and habitat connectivity.</li> <li>• Consider how SuDS can help provide wider BNG benefits / credits to the site</li> </ul>                                                                                                                                                                                                                      |
| Standard 7: Construction, Operation, Maintenance, Decommissioning, and Structural Integrity | <ul style="list-style-type: none"> <li>• Plan for safe access for maintenance.</li> <li>• Include decommissioning plans for temporary features.</li> </ul>                                                                                                                                                                                                                                                                                           |

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*Paddy O'Neill (AtkinsRéalis on behalf of Wiltshire Council Drainage)*