TO:	Horsham District Council – Planning Dept
LOCATION:	The Green, Goose Green Lane, Goose Green, West Sussex
DESCRIPTION:	Conversion of building to a single dwellinghouse, installation of front door and front, rear and side windows.
REFERENCE:	**DC/26/1463**
RECOMMENDATION:	More Information – Conditions

SUMMARY OF COMMENTS & RECOMMENDATION:

The following documents have been reviewed:

- Letter of correspondence from Southern Water to Horsham District Council, Dated: 30th September 2026
- Flood Risk Assessment, Ref: AEG11202_RH20_Pulborough_01, Dated: 02/07/2026, Author: Aegaea

The applicant has not provided an indication of how Foul will be managed. Whilst this is not ideal, HDC Drainage are happy for this information to be provided at Discharge of Conditions. **Please note,** the red line boundary *may* not offer suitable space to locate a package treatment plant within the boundary and at a suitable distance away from the proposed dwelling, in accordance with Building Regulations. Possible Foul connections to an existing Sewage Treatment Plant, within the red line boundary or on neighbouring land, has not been discussed.

A suitable outfall for the management of surface water has not been identified within the information provided. The application form has stipulated that the surface water drainage strategy is considering the use of a soakaway, but the Flood Risk Assessment has stipulated *"It is proposed to manage runoff via existing surface water drains on site. Small scale SuDS, such as water butts and SuDS planters, could be incorporated in external areas to provide a betterment over the existing scenario."* The applicant must note that rainwater harvesting is not considered a suitable method of surface water attenuation on site and should be considered alongside a suitable surface water drainage strategy. SuDS Suitability mapping (available on the Horsham District Council website) indicates that there may not be suitable infiltration potential to support the use of soakaways. The application must demonstrate how surface water will be managed on site to offer a betterment to the existing scenario in accordance with the National Standards (2015).

As noted by the applicant, the proposed re-development lies within an area at risk of surface water flooding. The applicant has recognised the need to consider Flood Resilient Design methods within the strategy, to mitigate against the risk of surface water entering the property during the 1 in 100 year (plus climate change) storm event.

HDC Drainage are satisfied with the information provided in the at this stage. The applicant has identified the prevailing drainage challenges on site and demonstrated how they intend to take a pragmatic approach to the design of the drainage strategy, providing a betterment to the existing scenario.

A full Foul and Surface Water Drainage Strategy must be submitted to the Local Planning Authority for review, at Discharge of Conditions.

MAIN COMMENTS:

- The applicant must demonstrate an understanding of how surface water currently flows across the site under 'normal' conditions and during rainfall events, providing an assessment of the current and proposed drainage patterns entering the site, within the site and leaving the site.
- The applicant should provide a measurement of the total site area, all pre-development permeable and impermeable areas within the red line boundary, all post-development permeable and impermeable areas within the red line boundary, with supporting catchment plans and calculations.
- A fully designed surface water management strategy should include:
    - The aim to achieve and better greenfield runoff rates and adherence to the drainage hierarchy.
    - Rationale for SuDS selected in line with the Horsham District Planning Framework (2015) – Policy 38, and industry best practice such as The SuDS Manual (C753).
- The method of foul and surface water disposal must be confirmed in line with the drainage hierarchy (Building Regulations Part H).
- If connections to Southern Water Utilities are proposed as part of the development/ redevelopment, supporting plans and assumed points of connection must be provided as well as expected flow rates. Connection to the public sewerage network is advised, wherever it is reasonable to do so.
- The following flow and volume rates must be provided:
    - existing runoff rates during a 100% Annual Exceedance Probability (AEP), 3.33% AEP, 1% AEP storm events
    - post development discharge rates during a 100% AEP, 3.33% AEP, 1% AEP and 1% AEP + 45% for Climate Change storm events
    - greenfield runoff rate (QBAR)
    - water storage capacity volumes of the proposed drainage features, to attenuate the 1% AEP + climate change storm event (see details below).
- The runoff from the proposed development should, where possible, be restricted to the greenfield 1 in 2 year runoff rate (100% AEP) during all events up to and including the 1 in 100-year rainfall event (1% AEP) + 45% allowance for climate change. Where this is not possible, the runoff from the proposed development should restrict flows to as close as reasonably practical to the greenfield runoff rate for the site.
- The surface water drainage strategy must demonstrate that the proposed SuDS attenuate all runoff from <u>all</u> impermeable areas (with an additional area equivalent to +10% of the area of any residential development, factored into the sum of the total impermeable areas on site, allowing for urban creep) for the 1 in 100-year rainfall event (1% AEP) + 45% allowance for climate change (upper end). Attenuation should be provided on site to ensure that:
    - The 100% AEP storm event does not generate excessive surcharging in the drainage system.
    - The 3.33% AEP storm event is safely contained underground with no flooding.
    - The 1% AEP + climate change storm event is safely contained within the site without risk to persons or property.

- Where infiltration discharge methods are proposed (soakaways/swales etc…), the applicant must provide testing in accordance with BRE365, at the location and depth of the proposed devices.
- Where infiltration testing has not been undertaken, provide an infiltration assessment, supported by a desk-based assessment of soil types, geology and suitability for infiltration potential (See the Horsham District Council Local Plan evidence base), together with an alternative option for surface water disposal.
- The applicant must provide evidence of measures to prevent pollution of the receiving groundwater and/or surface water.
- **The applicant must provide plans which indicate the expected exceedance routes for storm events greater than the 1% AEP + climate change storm event. The Drainage Strategy must demonstrate that the surface water runoff from these events can be controlled, to confirm there is no adverse flood risk to the development or elsewhere. Evidence of appropriate management and mitigation of exceedance flows are expected within the Drainage Strategy, to demonstrate that the proposed conveyance systems have considered the risks associated to nature, people and property during the event of failure and/or exceedance.**
- Supporting foul flow calculations, in line with Sewerage Sector Guidance and/or Building Regulations Part H, is to be provided. It should be noted that any proposed foul water system and foul water treatment unit should be in line with current legislation and best practice for the management of domestic waste, with any method for disposal justified and appropriate permits sought.
- Maintenance and Management Plans must be provided for both the proposed Foul and Surface Water Drainage Strategy, including access requirements, maintenance frequency and responsibility, and proprietary device manuals, for all drainage features and SuDS devices.

Further evidence in addition to that requested above may be required once the additional information is submitted.

Advisory notes:

- In addition to Planning Permission, the applicant may additionally require a permit to discharge treated foul water to a water body or to ground from the Environment Agency, where non-mains foul drainage is proposed. Please be advised, if the infiltration rate is acknowledged to be poor on site (following BRE365 infiltration testing at the location and depth of the proposed devices) Percolation Testing (BS6297) is advised, as this will be a requirement of the Environment Agency should the applicant need to apply for an environmental permit.
- On the Horsham District Council website, there are several useful documents available to the public, which the applicant may wish to use as guides for their application. To navigate to this page you can follow this link: https://www.horsham.gov.uk/planning/local-plan/local-plan-examination/Examination-Library
  Alternatively, here is how to navigate to that page on the HDC Website:
  Home > Planning and development > Local Plan > Local Plan examination > Examination Library > Evidence Base Documents > Climate Change and Water
- Whilst not a mandatory requirement, HDC Drainage welcome and encourage the consideration of rainwater harvesting within the proposed development, for non-potable use.

ANY RECOMMENDED CONDITIONS: **Pre-Commencement Condition:** No development shall commence until a drainage strategy detailing the proposed means of foul and surface water disposal has been submitted to and approved in writing by the Local Planning Authority. The development shall be carried out in accordance with the approved scheme. **Reason:** As this matter is fundamental to ensure that the development is properly drained and to comply with Policy 35 and Policy 38 of the Horsham District Planning Framework (2015).	
NAME:	A.Furness
DEPARTMENT:	Horsham District Council - Drainage
DATE:	22/10/2026