

KEY:

- Existing drainage.
- Proposed foul drainage.
- Proposed surface water drainage.
- Water butt.
- Permeable block paving.
- Lawn.
- Planting.

DRAINAGE STRATEGY:

The design prioritises Sustainable Drainage Systems (SuDS) to mitigate flood risk and manage water quality.

Foul Water Drainage

The foul water strategy is designed for simplicity and efficiency by utilizing existing local infrastructure:

Connection: Foul sewage from the new 3-bedroom dwelling will be discharged via a new gravity-fed connection into the existing private foul drainage run serving the host property (18 Honey Garston).

Infrastructure: New inspection chambers will be installed at the point of connection to allow for future maintenance and to ensure the integrity of the existing system is maintained.

Surface Water Management

In accordance with national and local planning policies, surface water will be managed on-site to ensure the post-development runoff rate does not exceed the greenfield runoff rate.

Attenuation and Storage

Roof Runoff: All surface water from the proposed building's roof will be collected via a guttering and downpipe system.

Attenuation Tanks: Runoff will be directed to buried attenuation crates (geocellular storage) located within the garden area. These tanks will temporarily store water during heavy rainfall events before allowing it to discharge at a controlled rate via infiltration (subject to soakaway testing) or a regulated connection. Above ground water butts will also be utilized to store water for use in the garden.

Permeable Landscaping

To further reduce the burden on the drainage system, the landscaping design incorporates:

Permeable Surfaces: Driveways, paths, and patio areas will utilize permeable paving or gravel. This allows rainwater to soak directly into the ground, replenishing the local water table and reducing overland flow.

Soft Landscaping: Maintaining garden green space will provide natural interception and evapotranspiration.



arrayed works

info@arrayed.works
+44 (0)7525454720
www.arrayed.works

General Notes

- Drawings to be scaled for planning and pricing purposes only. Use only figured dimensions for construction.
- Any discrepancies between site and drawings to be reported to the architect immediately.
- Read in conjunction with all relevant consultants' drawings.
- Dimensions critical to proposed building works must be checked on site before building works commences.
- Drawing to be read in conjunction with Construction Stage Health and Safety Plan.
- This development is to comply with latest Building Regulations.

Notes

Revision

P01 27/01/2026
Planning issue

Project

18 Honey Garston, Calne,
Wiltshire, SN11 8BL

Title

Proposed
Drainage and
Landscape Plan

Date [first issue]

January 2026

Scale

1:100 @ A3

Drawing Number

2505-PL-04

Status

PLANNING

Revision

P01

