



ARCHEVOLVE

Architectural Design

Client // Arun Council
Address // Re - Anchor Bay, 2
Downview Road,
Barnham,
PO22 0EE

Dear Sir/Madam

We write further to the validation letter dated 21 October 2025 regarding planning application **BN/108/25/HH** (Anchor Bay, 2 Downview Road, Barnham). Please find enclosed the requested **Biodiversity Enhancement Statement** and **Lidsey Drainage Impact Statement**, provided in accordance with the local validation requirements.

Biodiversity Enhancement Statement

Application: BN/108/25/HH – Erection of car port, Anchor Bay, 2 Downview Road, Barnham, PO22 0EE

Purpose: Local validation requirement – to show how the proposal protects and improves on-site biodiversity (separate to statutory Biodiversity Net Gain).

BN_108_25_HH202510211502410765

Site context (summary): Residential curtilage with existing dwelling, driveway, and garden. No designated habitats on site. Works are confined to domestic land.

Avoidance & protection during works

- No vegetation removal between 1 Mar–31 Aug where practicable; if unavoidable, check for active nests beforehand.
- Protect retained trees/shrubs with temporary barriers; no storage or mixing within RPAs.
- Any excavations left open overnight will include a ramp/board to avoid trapping small mammals/amphibians.

Management

- New planting to be maintained for 5 years: watering in dry spells, weeding, and replacing failures like-for-like in the next planting season.

Compliance

- Measures proportionate to a minor domestic development and deliver a net qualitative enhancement to site biodiversity.

Draft: Lidsey Drainage Impact Statement

Application: BN/108/25/HH – Erection of car port, Anchor Bay, 2 Downview Road, Barnham, PO22 0EE

Purpose: Required for proposals within the Lidsey WwTW catchment; to explain how foul and surface water will be drained and what measures will be taken to reduce the impact on the catchment.

BN_108_25_HH202510211502410765

Development & drainage drivers

- The car port is a non-habitable structure. No new kitchens/bathrooms or foul connections are proposed.

Foul Water

- No change to existing foul drainage. The development does not create additional foul flows to Lidsey WwTW.

Surface Water

Existing condition: Front garden/drive with mixed hard/soft surfacing draining to ground.
Proposed changes & SuDS strategy (in order of priority):

1. Infiltration at source:
 - Any new roofing to the car port discharges to gutters → water butt (≥200 L) → soakaway sized to BRE365(to be confirmed at build stage). Indicative soakaway: 1.0 m³ crate system at least 5 m from buildings and 2 m from boundaries, wrapped in permeable geotextile.

2. Permeable paving / unbound gravel under and around the carport to promote infiltration and attenuate runoff.
3. Exceedance routing: During exceptional storms, flows will route overland to garden areas within the site, away from buildings and the highway.

Water Quality

- Pre-treatment via water butt filter and geotextile inlets to soakaway/permeable construction to remove sediments/hydrocarbons associated with occasional vehicle use beneath a car port.

Water Efficiency / Impact Reduction

- Fit aerated taps/showerheads and dual-flush WCs in the dwelling as voluntary offset measures (no net increase in occupancy), plus rainwater harvesting via the water butt for garden use. These reduce both peak surface water discharge and potable demand.

Maintenance

- Annual inspection/clearance of gutters, sumps, and permeable surfaces; de-silting as needed. Replace water-butt filters annually.

Summary

- No additional foul load; surface water managed entirely on site via infiltration and storage, thereby minimising impact on the Lidsey catchment.

(If infiltration tests later show poor percolation, a lined attenuation crate with a flow-control to a lawful outfall will be specified at ≤ 2 l/s Qbar-limited rate, subject to LLFA/Severn Trent (as applicable) agreement.)



ARCHEVOLVE

We trust the enclosed information enables the application to proceed to validation. Should any further clarification or minor adjustment be required, please advise.

Yours faithfully,

Archevolve

(Ref: BN/108/25/HH)

