

*Our Ref: 13177.2/TWH/BW*

27 Gay Street  
Bath  
BA1 2PH

Dear Portia,

**RE: THE WILD HARE – DRAINAGE STRATEGY STATEMENT**

We are writing concerning the surface water drainage strategy for the proposed external works at The Wild Hare, Tintern. The proposals include new external surfacing and tent structure, along with the re-surfacing and minor extension of the existing upper carpark.

The lower (front) car park is to be re-surfaced with new tarmacadam to match the existing, utilising the existing gullies. There is therefore no change to this area, from a surface water perspective.

**DISCUSSION:**

The proposed outdoor seating area is to be surfaced with a permeable make-up of compacted gravel ('chippings') laid on a geosynthetic over free-draining MOT Type 3 fill. This will allow surface water to permeate into the ground, preserving the existing run-off characteristics of the site.

To the rear of the tent, stone paving will be laid on MOT Type 3 permeable fill, with stone spaced min. 15mm apart with free-draining 1-4mm joint-filling aggregate, to allow the surface water to permeate directly into the ground.

The tent will have gutter stones placed around the front and sides, set into the permeable 'chippings' surface to provide durability as the rainwater runs off the roof and down onto the ground. The gutter stones will lead to gulleys running to diffuser drains within the subbase beneath the chippings.

The upper car park is to be slightly enlarged, and re-surfaced with tarmacadam, serviced with gullies running to a new soakaway beneath the car park. This will be formed using an appropriately specified 'crate system' (Aquacell or equivalent) to ensure structural adequacy under vehicle loading.

**Offices:**

**Romsey** Old Brewery House, Portersbridge St, Romsey, Hampshire, SO51 8DJ  
**Bath** 27 Gay St, Bath, Somerset, BA1 2PD

**Registration:**

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**CONCLUSION:**

The surface water of the proposed works will be drained to the ground via a combination of permeable paving and soakaways, such that the surface water run-off characteristics of the site remain unchanged.

Yours sincerely



**BEN WHITFIELD - MEng (Hons) CEng MStructE**  
Technical Director

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