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8th January 26

## **New Drainage Design & Installation Report**

### **1. Initial Site Survey**

Upon arrival on site, a full survey of the existing drainage infrastructure was carried out. It was identified that there was no drainage specification shown on the approved plans.

### **2. Client Consultation**

A meeting was held with the client to discuss the findings. During this meeting, it was explained that the new property would significantly benefit from the installation of entirely new underground drainage.

It was agreed that the new system would connect into the main drains located in the road, via the existing brick-built inspection chambers positioned on the front drive.

### **3. Drainage Design**

Based on the information available from the architectural plans and the site survey, a new drainage system was designed.

All properties within the surrounding area, including 4 Parkstone, operate on a combined (one-part) drainage system.

The proposed system was therefore designed as a combined system to collect:

- Bathroom waste
- Kitchen waste
- Surface water from roof drainage

### **4. Installation Works**

New drainage trenches were excavated at all relevant locations to accommodate:

- New gulleys
- Plastic underground drainage pipes
- Plastic inspection chambers

All new pipework was installed with the correct falls in accordance with best practice and Building Regulations.

The trenches were:

- Lined with 10mm pea gravel
- All pipework was fully surrounded and covered with the same 10mm pea gravel

(Photographic evidence is available if required.)

## **5. Connection to Existing System**

All newly installed drains terminate at the existing brick-built inspection chambers located on the front drive.

These chambers are confirmed to be at a depth of greater than 2 metres.

## **6. Testing**

Upon completion, the entire drainage system was tested and confirmed to be fully operational and functioning correctly.

## **7. Building Control Inspection**

On 23rd June 2025, Building Inspector Paul Holdaway was contacted, and the drainage works were inspected on site.

Following the inspection:

- All photographic evidence of the drainage installation was sent to the Building Inspector to support the site visit
- The following day, confirmation was received by email stating that he had attended site and inspected the drainage works

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