

Barretts of Canterbury, Pound Lane, Canterbury, CT1 2BL
Sustainable Urban Drainage Systems Management and Maintenance Plan

1. Introduction

This Sustainable Urban Drainage Systems (SUDS) Management and Maintenance Plan has been produced to for SUDS elements at Barretts of Canterbury, Pound Lane, Canterbury, CT1 2BL.

The following SUDS elements are proposed within the development.

- permeable paving
- vortex control structure

2. Management

A management company will be set up to manage the maintenance of landscaping and sustainable urban drainage structures. The property owners will pay an annual management fee to the management company for this maintenance.

3. Maintenance

The following maintenance plans will be put in place for each of the SUDS elements present within the development.

Permeable Paving

SUDS Element	Permeable Paving	
Maintenance Issues	Pervious surfaces are susceptible to silt blockage.	
Maintenance Period	Maintenance Task	Frequency
Regular	Surface brushing to reduce silt accumulation.	Monthly
	Brushing and jet wash in autumn after leaf fall.	Annually
	Mow grass edges to paving at 35-50mm and remove weeds and leaves.	As required
Occasional tasks	Jetting where silt has accumulated in joints or voids. Replace grit and vibrate surface to lock.	As required
Remedial Work	Where shrinkage or surface damage occurs, uplift paving, remove grit bedding layer and geotextile if present and reinstate to design profile.	As required

Vortex Control Structure

SUDS Element	Soakaways	
Maintenance Issues	Debris blocking vortex control structure.	
Maintenance Period	Maintenance Task	Frequency
Regular	Inspect chamber and remove any debris from control device and overflows.	Six monthly
	Debris removal from gutters.	Annually in autumn after leaf fall
	Remove sediment from silt traps.	Annually or as required
Remedial Work	Repair or replace vortex control device if it is damaged.	As required