



Job Title: Dover Street, Canterbury, Kent
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Surface Water Management

This note has been prepared to support the drainage layout drawing (MLM drawing number 618312/C/001) for the development at Dover Street, Canterbury. The purpose of this document is to detail the management and maintenance requirements associated with the Surface Water drainage system at the above site.

The surface water drainage system consists of a conventional piped system which discharges into the permeable paving sub-base below the parking areas. The sub-base provides surface water attenuation for the 1:100 yr (+ climate change) storm event prior to a restricted discharge into the existing Southern Water sewer in Dover Street. The connection into the existing Southern Water sewer has been approved by Southern Water under a Section 106 agreement dated 16th March 2017.

The on-site drainage system (pipework and permeable paving) will remain in private ownership and will be maintained by West Kent Housing Association.

The existing sewer within Dover Street is a Southern Water asset and any maintenance from the point of connection (and to the downstream network) is the responsibility of Southern Water.

In order to ensure the continual operation of the permeable paving system, it is important that the system is regularly inspected and maintained. It is suggested that the maintenance of the system will be carried out in accordance with the below schedule:

<i>Maintenance Schedule</i>	<i>Required Action</i>	<i>Frequency</i>
<i>Regular Maintenance</i>	<i>Sweep and blow clear all areas</i>	<i>10 visits per annum as part of scheme service visit</i>
	<i>Deep clean and weed removal by self-powered specialised rotary sweeper</i>	<i>Annually</i>
<i>Occasional Maintenance</i>	<i>Remediate any damage to the paving or surrounding area</i>	<i>As required (work order generated from regular site visit)</i>
<i>Monitoring</i>	<i>Visual inspection of paving, drains and inspection chambers</i>	<i>Every visit (in depth inspection at annual deep clean and weed)</i>

All maintenance to the private sewers within the site boundary will be carried out by West Kent Housing Association.

During the construction phase the contractors will be responsible for the drainage system. Upon completion, anticipated TBC, the maintenance requirements will transfer to West Kent Housing Association.