

DRAINAGE MAINTENANCE SCHEDULE

SULBY STREET

SUMMARY OF DRAINAGE DESIGN PHILOSOPHY:

FOUL DRAINAGE

Foul drainage collected from around the building to discharge under gravity new combined manhole in the new access road then to run with the surface water to United Utilities manhole reference 4506 to South Eastern corner and into the adopted drainage system running down Sulby Street.

SURFACE WATER DRAINAGE

Roof water collected from high level roof and collected to run to car park.

Access road drained to falls to discharge to gullies and run to collect with roof water to car park.

All surface water collected and discharged with gravity system with restricted outlet to new combined manhole with the foul connection. Attenuation provided with crate system placed in car park and discharged via flow restrictor.

OPERATION AND MAINTENANCE REQUIREMENT FOR GENERAL SYSTEM

Maintenance Schedule	Required Action	Typical Frequency
Regular maintenance	Inspect for sediment and debris in manholes and gullies	Annually
	Cleaning of gutters and any filters on downpipes	Annually (or as required based on inspections)
	Trimming any roots that may be causing blockages	Annually (or as required)
Occasional maintenance	Remove sediment from gullies with gully cleaner and rinse drainage channels with water jet	As required, based on inspections

OPERATION AND MAINTENANCE REQUIREMENT FOR ATTENUATION STORAGE TANKS

Maintenance Schedule	Required Action	Typical Frequency
Regular maintenance	Inspect and identify any areas that are not operating correctly. If required, take remedial action	Monthly for 3 months, then annually
	Remove debris from the catchment surface (where it may cause risks to performance)	Monthly
	For systems where rainfall infiltrates into the tank from above, check surface of filter for blockage by sediment, algae or other matter, remove and replace surface infiltration medium as necessary	Annually
	Remove sediment from pre-treatment structures and/or internal forebays	Annually, or as required
Remedial actions	Repair/rehabilitate inlets, outlet, overflows and vents	As required
Monitoring	Inspect/check all inlets, outlets, vents and overflows to ensure that they are in good condition and operating as designed	Annually
	Rinse/jet inside of tank for removal of sediment build-up	Every 5 years or as required