



Operation and Maintenance Requirements for Pervious Pavements		
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Brushing and vacuuming (standard cosmetic sweep over whole surface)	Once a year, after autumn leaf fall, or reduced frequency as required, based on site-specific observations of clogging or manufacturer's recommendations- pay particular attention to areas where water runs onto pervious surface from adjacent impermeable areas as this area is most likely to collect the most sediment.
	Stabilise and mow contributing and adjacent areas	As required
	Removal of weeds or management using glyphosate applied directly into the weeds by an applicator rather than spraying	As required- once a year on less frequently used pavements
Remedial Actions	Remediate any landscaping which, through vegetation maintenance or soil slip, has been raised to within 50mm of the level of the paving	As required
	Remedial work to any depressions, rutting and cracked or broken blocks considered detrimental to the structural performance or a hazard to users, and replace lost jointing material	As required
	Rehabilitation of surface and upper substructure by remedial sweeping	Every 10 to 15 years or as required (if infiltration performance is reduced due to significant clogging)
Monitoring	Initial inspection	Monthly for three months after installation
	Inspect for evidence of poor operation and/or weed growth- if required, take remedial action	Three-monthly, 48h after large storms in first six months
	Inspect silt accumulation rates and establish appropriate brushing frequencies	Annually
	Monitor inspection chambers	Annually

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General Notes

1. Do not scale this drawing.
2. All dimensions are in millimetres unless stated otherwise.
3. This drawing is to be read in conjunction with all other relevant drawings & specifications.
4. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.
5. No works shall commence on site until approval has been obtained from all relevant Agencies / Authorities.
6. All dimensions referred to in this drawing must be verified.

Key	
	Full Depth Block Paved Permeable Access Road Construction SC: 80mm thick concrete blocks laid in a Herringbone Pattern. LC: 50mm clean stone (5mm granite chippings) on geotextile. BC: 130mm of 20mm size recipe mix Binder Course (AC 20 dense bin 40/60 rec) to Clause 9.1 Binder course to be performed by 75mm cores at 750mm centres SB: TBC Type 3 Open Graded sub-base to Clause 8.1.
	Private Porous Paving Court Construction SC: 60mm thick concrete blocks laid in a Herringbone Pattern. LC: 35mm clean stone (5mm granite chippings) on geotextile. BC: 90mm thick open graded tarmac layer. SB: 225mm certified soakaway voided stone (63 - 10mm nom. size) on geotextile.
	Private Porous Paving Bay Construction SC: 60mm thick concrete blocks laid in a Herringbone Pattern. LC: 35mm clean stone (5mm granite chippings) on geotextile. SB: 225mm certified soakaway voided stone (63 - 10mm nom. size) on geotextile.
	Cellular Crates Soakaways Soakaway sizes to be confirmed on receipt of percolation test results in accordance with BRE 365.

P2	Site layout plan revised. Drainage layout revised to suit.	18.02.2019
P1	First Issue	15.02.2019
Revision	Description	Date

PRELIMINARY



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Project
Burmor Construction Limited
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Title
Domestic Drainage Layout Plan

Drawn by SG	Checked by SG	Paper Size A1
Drawing Number 07-0123-007		Revision P2
		Scale 1:200
		Date 15.02.2019

Operation and Maintenance Requirements for Trees		
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Remove litter and debris	Monthly (or as required)
	Manage other vegetation and remove nuisance plants	Monthly (at start, then as required)
	Inspect inlets and outlets	Quarterly
Occasional Maintenance	Check tree health and manage tree appropriately	Annually
	Remove silt build-up from inlets and surface and replace mulch as necessary	Annually, or as required
	Water	As required (in periods of drought)
Monitoring	Inspect silt accumulation rates and establish appropriate removal frequencies	Half yearly

Operation and Maintenance Requirements for Soakaways		
Maintenance Schedule	Required Action	Typical Frequency
Regular Maintenance	Inspect for sediment and debris in pre-treatment components and floor of inspection tube or chamber and inside of concrete manhole rings.	Annually
	Cleaning of gutter and any filters on downpipes.	Annually (or as required based on inspections)
	Trimming of gutter and any filters on downpipes	Annually (or as required)
Occasional Maintenance	Remove sediment and debris from pre-treatment components and floor of inspection tube or chamber and inside of concrete manhole rings.	As required, based on inspections.
	Reconstruct soakaway and/or replace or clean void fill, if performance deteriorates or failure occurs.	As required.
Remedial Actions	Replacement of clogged geotextile (will require reconstruction of soakaway)	As required.
	Inspect silt traps and note rate of sediment accumulation	Monthly in the first year and then annually.
Monitoring	Check soakaway to ensure emptying is occurring.	Annually.