



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.
Occasional Maintenance	Stabilise and mow contributing and adjacent areas	As required
	Removal of weeds or management using glyphosphate 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
Monitoring	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)
	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 millimeters 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.
	Full Depth Tarmac Residential Footway Construction SC: 25mm of 6mm size Dense, 70/100 or 100/150 Surface Course (AC 6 dense surf) to Clause 9.4 compacted to a void content within the range 2%-10%. BC: 100mm of 20mm size Dense 70/100 or 100/150 Binder Course (AC 20 dense bin rec) to Clause 9.1 compacted to a void content within the range 2%-10%. SB: 100mm of Type 1 sub-base to Clause 1.2.
	Full Depth Tarmac Vehicular Crossing Construction SC: 25mm of AC6 Dense Surf Surface Course to Clause 9.4 compacted to a void content within range 2%-10%. BC: 100mm of AC20 Dense Bin Rec Binder Course to Clause 9.1 compacted to a void content within the range 2%-10%. SB: 150mm of Type 1 sub-base to Clause 1.2.
	Tarmac Carriageway Reinstatement Construction SC: Surface Course shall be 40mm of 10mm size Close Graded Surface Course (AC 10 close surf 70/100 or 100/150) to Clause 7.3.
	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.
	Soft Landscaping

P2	Site layout plan revised. Surfacing revised to suit. Soft landscaping shown.	18.02.2019
P1	First Issue	15.02.2019
Revision	Description	Date

PRELIMINARY

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Project

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Title

External Works Plan

Drawn by	Checked by	Paper Size
SG	SG	A1
Drawing Number	Revision	Scale
07-0123-006	P2	1:200
		Date
		15.02.2019