



Test Location	Test 1	Test 2	Test 3	Average	m/hr (Avg)	m/hr (Max)	m/hr (Min)
SA01	1.11E-04	2.02E-05	1.67E-05	4.93E-05	0.17748	0.39960	0.06012
SA02	5.87E-05	6.97E-05	3.18E-05	5.34E-05	0.19224	0.25092	0.11448
SA03	1.03E-04	7.20E-05	4.40E-05	7.30E-05	0.26280	0.37080	0.15840
SA04	2.75E-04	1.52E-04	2.03E-04	2.10E-04	0.75600	0.99000	0.54720
SA05	9.28E-05	7.08E-05	3.22E-05	6.53E-05	0.23496	0.33408	0.11592
SA06	1.62E-04	7.94E-05	4.23E-05	9.46E-05	0.34044	0.58320	0.15228
SA07	9.67E-05	6.59E-05	6.73E-05	7.66E-05	0.27588	0.34812	0.23724
SA08	1.03E-05	7.55E-06	5.56E-06	7.80E-06	0.02809	0.03708	0.02002
SA09	1.67E-06	1.14E-06	-	1.41E-06	0.00506	0.00601	0.00410
SA10	1.59E-06	1.16E-06	2.42E-06	1.72E-06	0.00620	0.00871	0.00418
SA11	1.85E-06	3.26E-06	-	2.56E-06	0.00920	0.01174	0.00666
SA12	5.45E-05	3.65E-05	3.22E-05	4.11E-05	0.14784	0.19620	0.11592
SA13	6.35E-06	7.60E-06	3.05E-05	1.48E-05	0.05334	0.10980	0.02286

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Notes

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- This drawing should be read in conjunction with all other relevant drawings and specifications.

SECTION 104 KEY

- S4 - PROPOSED HIGHWAY DRAIN
- F10 - PROPOSED ADOPTABLE FOUL WATER SEWER
- - - - - PROPOSED GULLY CONNECTION
- - - - - SITE BOUNDARY
- SA06 - SOAKAWAY TEST LOCATIONS
- SA06 - HIGHWAY IMPERMEABLE AREA (TO HIGHWAY DRAIN)
- PP 01 - PRIVATE IMPERMEABLE AREA (TO PRIVATE PERMEABLE PAVING)
- PP 01 - PRIVATE PERMEABLE PAVING AREA
- PP H1 - HIGHWAY PERMEABLE PAVING AREA

NOTE

Permeable paving calculations have been based on a slope optimisation of 1:300 for the sub-base unless otherwise stated.

Permeable sub-base depths stated on this drawing are minimum depths based on no flooding in a 100 year return period (+30% climate change) event. Sub-base depths are the minimum depths based on hydraulic requirements only.

Increased sub-base depths are required where by the design (refer to relevant detail drawings) or where the subgrade is poor. Increased sub-base depths may also be required in some private drive locations to achieve minimum cover and gradients to incoming stormwater pipes.

P2 Updated to latest base layout. JB KMc 26.09.16

P1 FIRST ISSUE JB KMc 18.08.16

Rev	Description	By	Ckd	Date
1				

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Client **Bellway**

Project Kingsmere, Bicester  
KM5 & KM22

Title Drainage Overview  
Highway Drainage, Foul Sewer  
and Soakaway Design

Status Preliminary	Scale 1:500 @A1	Date Created 18.08.2016
Project Leader KMc	Drawn By JB	Checked by KMc
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