


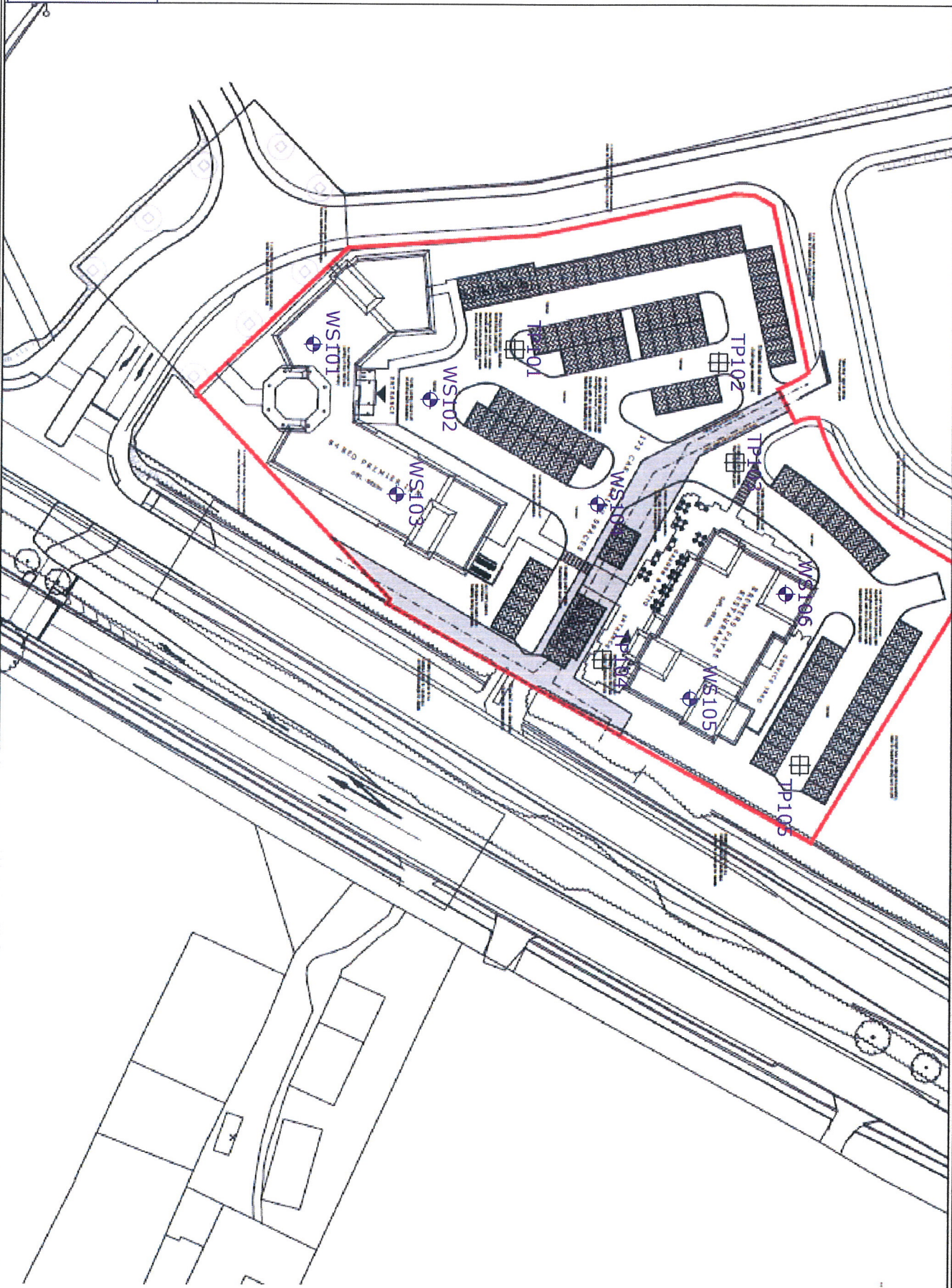




Legend:

-  Site Boundary
-  Window Sample Probehole Locations
-  Trial Pit Location

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Job Title
**Oxford Road,
Bicester**

Client
**Simpson
Associates**

Job No: 80137
Drawn by: P Hird
Approved by: S. Rhodes
Scale: NTS @ A3

Notes:
27/01/12

Drawing Title
**Figure 2
Exploratory Hole
Location Plan**

Standpipe Soakaway Test - WS101

Field Data

Recorded Time			Total Time Seconds	Depth mm bgl
Hours	Minutes	Seconds		
0	0	0	0	1560
0	1	0	60	1660

Well Details

Borehole depth ¹	1.71	m
Borehole Diameter	105	mm
Standpipe diameter	50	mm
Base of seal ²	0.5	m
Depth to groundwater ¹	1.71	m

Effective Depth

Depth to Base ¹	1.71	m
Depth to Top ²	1.56	m

Soil Infiltration Rate Calculations

Volume outflowing between 75% and 25% effective depth

Vp 75 depth	1.6725	m
Vp 75 time ³	60	sec

Vp 25 depth	1.5975	m
Vp 25 time ⁴	5	sec

Infiltration volume	2.98E-04	m ³
Time	-55	sec

Wetted Area	-0.01608	m ²
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Soil Infiltration Rate	3.37E-04	m/s
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Notes

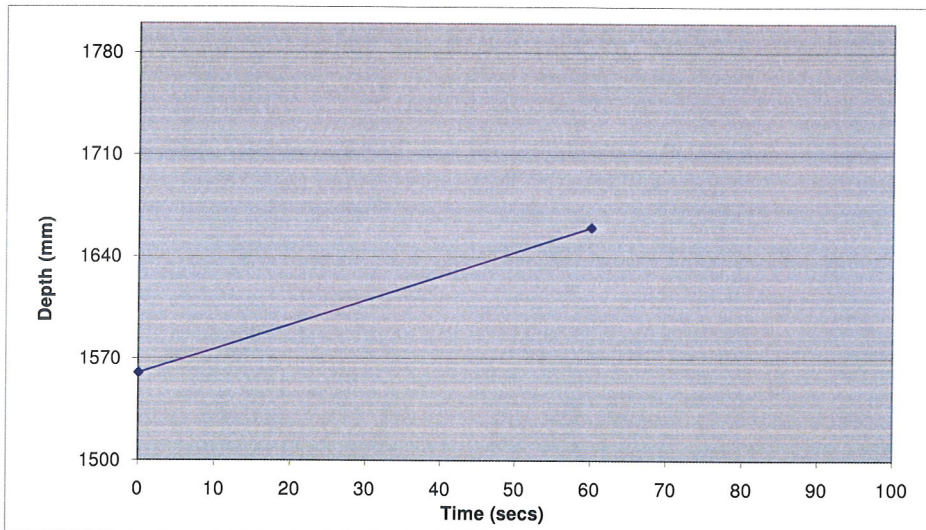
Blue cells to be filled in

¹ borehole base or groundwater, whichever is the shallower

² Top of the soakaway is the base of the clay seal or invert, whichever is the deeper

³ Read from data or graph adjacent

⁴ Read from data or graph adjacent



Standpipe Soakaway Test - WS104

Field Data

Recorded Time			Total Time Seconds	Depth mm bgl
Hours	Minutes	Seconds		
0	0	0	0	0
0	1	0	60	580
0	1	30	90	800
0	2	0	120	1070
0	2	30	150	1110
0	5	0	300	1290
0	7	0	420	1430
0	19	0	1140	1680
0	30	0	1800	1900

Well Details

Borehole depth ¹	2.38	m
Borehole Diameter	105	mm
Standpipe diameter	50	mm
Base of seal ²	0.5	m
Depth to groundwater ¹	2.38	m

Effective Depth

Depth to Base ¹	2.38	m
Depth to Top ²	1	m

Soil Infiltration Rate Calculations

Volume outflowing between 75% and 25% effective depth

Vp 75 depth	2.035	m
Vp 75 time ³	1800	sec

Vp 25 depth	1.345	m
Vp 25 time ⁴	300	sec

Infiltration volume	2.74E-03	m ³
Time	-1500	sec

Wetted Area	-0.21898	m ²
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Soil Infiltration Rate 8.35E-06 m/s

Notes

Blue cells to be filled in

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³ Read from data or graph adjacent

⁴ Read from data or graph adjacent

