

FM-H-0-101 Rev B 1.124200\GL24235 - Proposed Crematorium, Bognor Regis\Drawings\CAD Files\GL24235 DR002.dwg



Key :

- Site Boundary
- WS101 Dynamic Continuous Sampling Borehole
- BH101 Cable Percussive Borehole
- TRL101 Dynamic Cone Penetrometer Test
- SA101 Machine Excavated Trial Pit with Soakaway Test

Notes :

Client : Crematorium Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)		
Project : Proposed Crematorium, Bognor Regis		
Job No : GL24235	Date : May 2021	
Drawing Title : Fieldwork Location Plan		
Drawing No : GL24235 - DR002		
Scale : 1:1500 @ A3		
Drawn by : ES	Checked by : JBL	
Eastings : 498000	Northings : 101700	
Revision history		
Rev	Date	Revision Data

Norwich: 01603 613111
Cambridge: 01223 781585

London: 020 7537 9233
Laboratory: 01603 416333

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Website: www.harringtongroupuk.com

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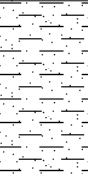
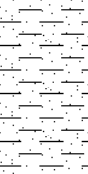
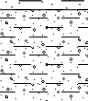
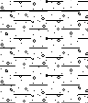
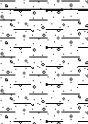
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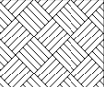
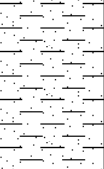
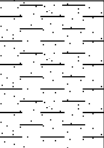
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					Dynamic Continuous Sampling Borehole Record					WS107		Sheet 1 of 1	
Project ID: GL24235					Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)					E: 497926.25		N: 101718.59	
Location: Proposed Crematorium, Bognor Regis					Consultant: Campbell Reith Hill LLP					Date: 14/04/2021			
					Plant used: Archway Dart					SPT Hammer Serial No: DART312 (ER: 64%)			
Geology Description					Legend	Depth (m)	Elevation (maOD)	Sample / In-Situ Test Information			Casing (Water)	Installation & Backfill	
								Type	Depth	Results / Remarks			
TOPSOIL. Firm friable light brown slightly gravelly sandy CLAY. Gravel is angular to subrounded fine to coarse flint.						0.30	4.52	D1	0.20				
Stiff light orangish brown mottled light grey slightly sandy CLAY. Becoming firm with depth.								ES1	0.20				
From 1.00m: Occasional subangular to subrounded fine gravel of flint and chalk.								HV01	0.50	110 kPa			
								D2	0.60				
								ES2	0.60				
From 1.00m: Occasional subangular to subrounded fine gravel of flint and chalk.								SPT(S)	1.00	N=6 (1,1/2,1,2,1) 45 kPa			
								HV02	1.00				
From 2.00m: Becoming sandy.								B1	1.20 - 1.60				
Firm light grey mottled orangish brown sandy gravelly CLAY. Gravel is subangular to subrounded fine and medium chalk with occasional flint.						2.20	2.62						
Soft light brown slightly gravelly very sandy CLAY with frequent small pockets of slightly gravelly fine to coarse sand. Gravel is subangular to subrounded fine and medium flint with occasional chalk.						2.60	2.22	D4	2.50				
Stiff light grey mottled yellowish brown slightly sandy slightly gravelly CLAY. Gravel is subangular to subrounded fine to coarse chalk with occasional flint. (Possible weathered structureless chalk)						3.00	1.82	SPT(S)	3.00	N=24 (4,5/4,7,7,6)			
NO RECOVERY.						3.50	1.32	D6	3.20				
Borehole terminated at 4.00m: Collapsed						4.00	0.82						
Window or Windowless Sampling Run Details					Water Strike								
Diameter (mm)	Top Depth (m)	Base Depth (m)	Sample Length (m)	Recovery (%)	Date	Strike Depth (m)	Depth Sealed (m)	Casing Depth (m)	Time Elapsed (mins)	Standing Level (m)	Remarks		
102	1.20	2.00	0.80	100									
87	2.00	3.00	1.00	100									
77	3.00	4.00	0.50	50									
Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisongroupuk.com Website: www.harrisongroupuk.com 					Remarks:								
					1. Inspection pit from GL to 1.20m.								
					2. Hole collapsed from 4.00m to 3.50m during L03 sampling run.								
					3. Hole terminated early due to collapse.								
					4. Installation: 50mm standpipe GL to 1.00m plain, 1.00m to 3.50m slotted, fitted with gas tap, bung and flush cover.								
5. Backfill: GL to 1.00m bentonite pellets, 1.00m to 3.50m gravel, 3.50m to 4.00m arisings.													
Drilled by: GEH Groundworks Specialists Ltd					Logged by: J. Blyth			Checked by: J. Keay			Fm-Hn-R-3068-Rev E		

		Trial Pit Record			SA101		Sheet 1 of 1		
Project ID: GL24235		Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)			E: 497946.66 N: 101688.42				
Location: Proposed Crematorium, Bognor Regis		Consultant: Campbell Reith Hill LLP							
		Plant used: JCB 3CX			Date: 15/04/2021				
Geology Description		Legend	Depth	Elevation (maOD)	Sample / In-Situ Test Information			Installation & Backfill	
					Type	Depth	Results / Remarks		
TOPSOIL. Firm friable light brown slightly gravelly sandy CLAY. Gravel is angular to subrounded fine to coarse flint.			0.35	4.19	B1	0.10 - 0.30	90 kPa		
					D1	0.20			
Stiff light orangish brown occasionally mottled dark brown slightly sandy CLAY. Becoming firm with depth.			1.10	3.44	B2	0.50 - 0.80	65 kPa		
					HV01	0.50			
			1.70	2.84	D2	0.60	50 kPa		
					HV02	1.00			
Soft light orangish brown mottled light grey slightly sandy CLAY.					B3	1.20 - 1.60			
					D3	1.40			
From 1.50m: Becoming locally sandy. Occasional subangular to subrounded fine to coarse gravel of flint and chalk.					HV03	1.50			
Trial pit terminated at 1.70m: Possible groundwater encountered									
Weather: Sunny and dry		Water Strike							
Pit Stability: Stable		Date	Water Strike (m)	Time Elapsed (mins)	Standing Level (m)	Remarks			
Shoring Used:									
Pit Dimensions: L: 1.70m x W: 0.50m		Remarks							
Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com				1. Pit terminated early due to possible groundwater encountered. 2. Pit left open at time of soakaway testing.					
		Logged by: J. Blyth		Checked by: J. Keay			Fm-Hn-R-3069-Rev E		

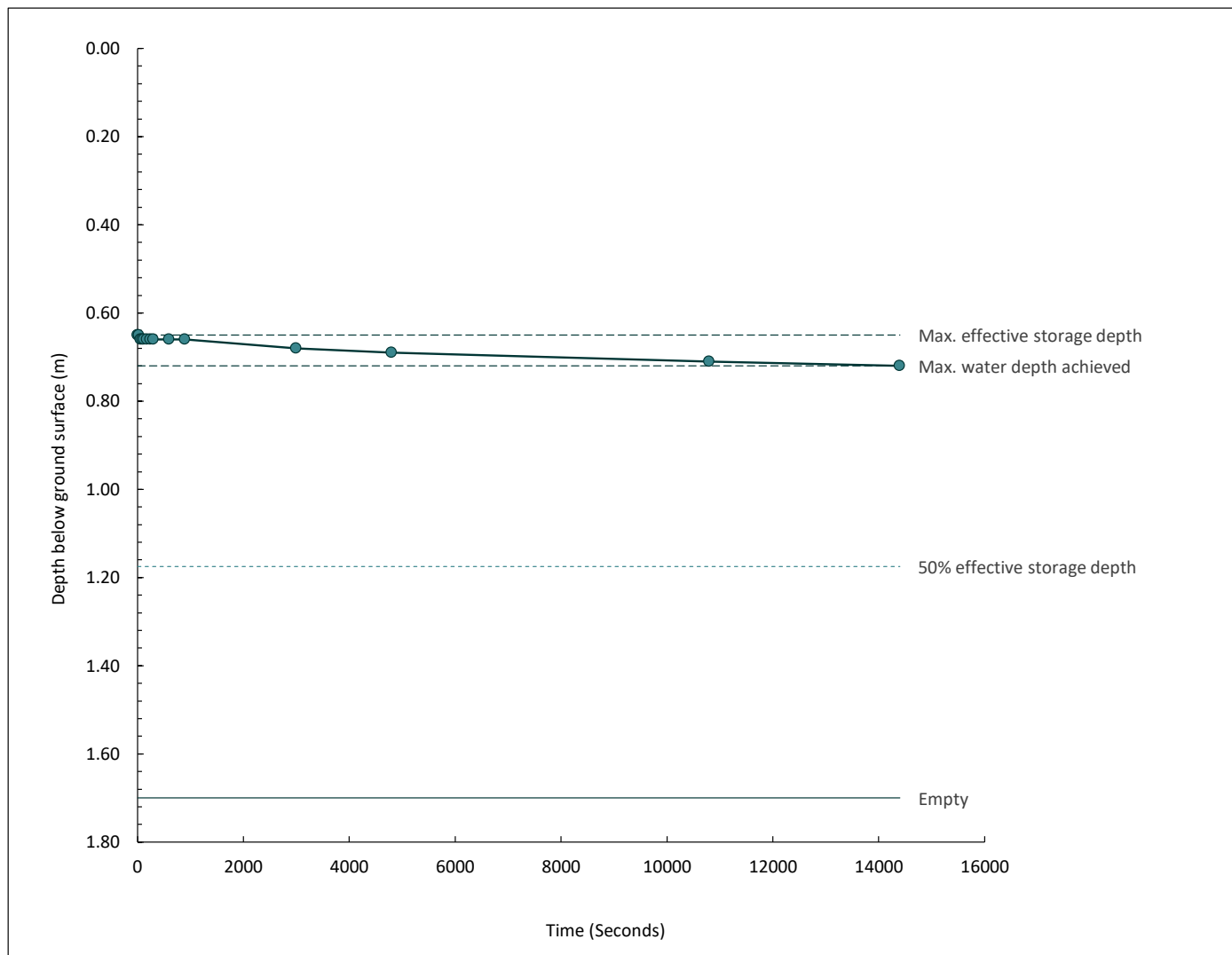
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 harrisongroup	Photograph Record Sheet	
	Project:	Proposed Crematorium, Bognor Regis
Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)	Project ID:	GL24235
Exploratory Hole Reference.: SA101	Date:	15/04/2021
 		
Remarks:	Engineer: J. Blyth	Checked: J. Keay

 harrisongroup	Photograph Record Sheet	
	Project:	Proposed Crematorium, Bognor Regis
Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)	Project ID:	GL24235
Exploratory Hole Reference.: SA102	Date:	15/04/2021
		
Remarks:	Engineer: J. Blyth	Checked: J. Keay

 harrisongroup	Photograph Record Sheet	
	Project:	Proposed Crematorium, Bognor Regis
Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)	Project ID:	GL24235
Exploratory Hole Reference.: SA103	Date:	15/04/2021
 		
Remarks:	Engineer: J. Blyth	Checked: J. Keay

	Soakaway Test	Location ID - Test Number	
		SA101	
Project ID: GL24235	Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)	E: 497946.66	N: 101688.42
Location: Proposed Crematorium, Bognor Regis	Consultant: Campbell Reith Hill LLP	Ground Level: 4.54 maOD	
	Infilling 1	Test Date: 15/04/2021	



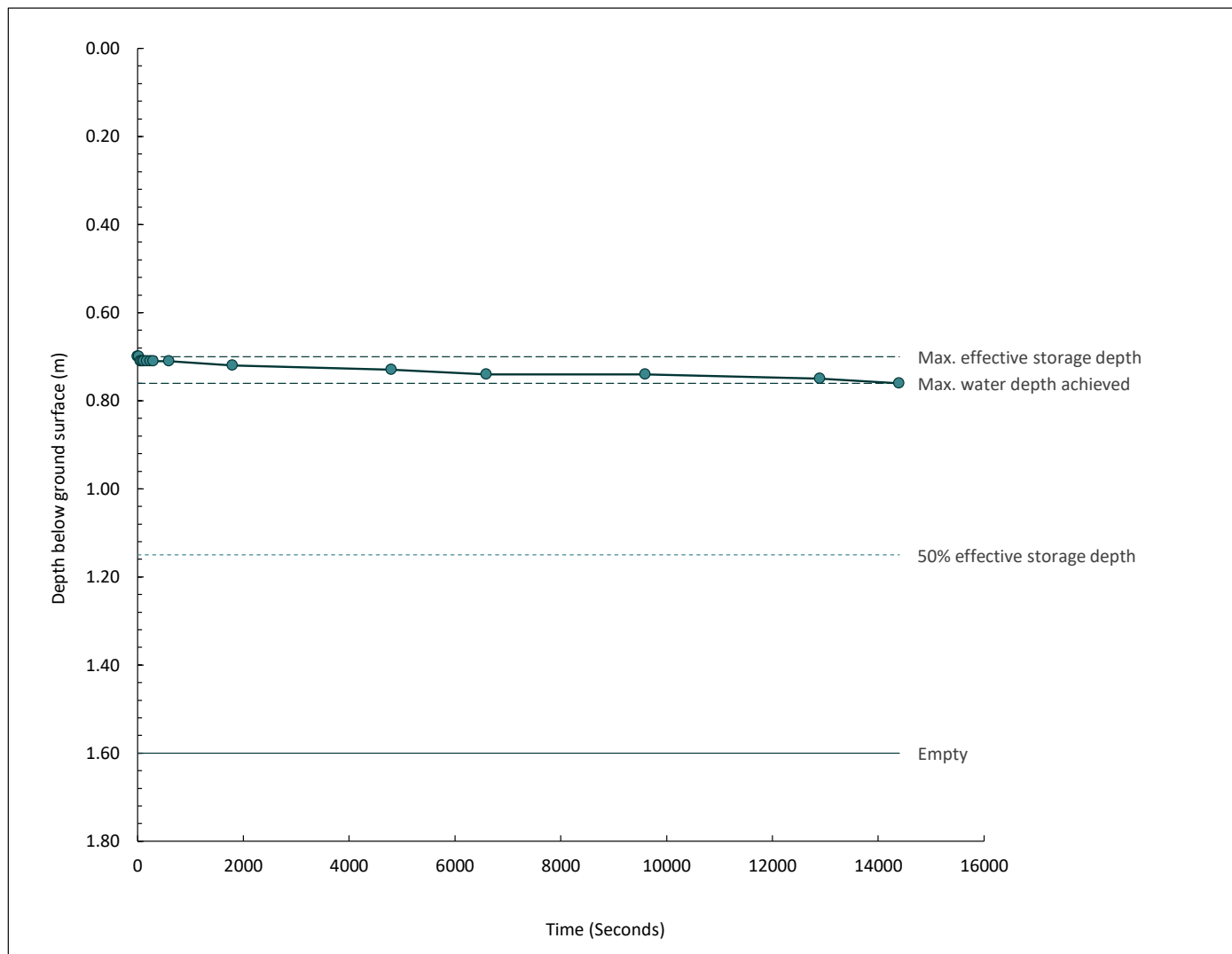
Soil Infiltration Rate: N/A

Pit Dimensions			
Length (m)	Width (m)	Depth at Start of Test (m)	Depth at End of Test (m)
1.70	0.50	1.70	1.70

Fill Porosity: 30%	Test Duration (hh:mm): 04:00	Soakaway Construction: Vertical sides trimmed square with granular fill and observation tube
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Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com		Water measuring device: Dip Meter Weather conditions: Cloudy and dry Test in accordance with BRE DG 365 Revised 2016	Remarks: 1. Infiltration rate not reported due to insufficient fall in water level to satisfy calculation method.
Operator: J. Blyth	Checked by: J. Keay	Approved by: J. Keay	Fm-Hn-R-3064-Rev C

	Soakaway Test	Location ID - Test Number	
		SA102	
Project ID: GL24235	Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)	E: 498003.05	N: 101697.7
Location: Proposed Crematorium, Bognor Regis	Consultant: Campbell Reith Hill LLP	Ground Level: 4.08 maOD	
	Infilling 1	Test Date: 15/04/2021	



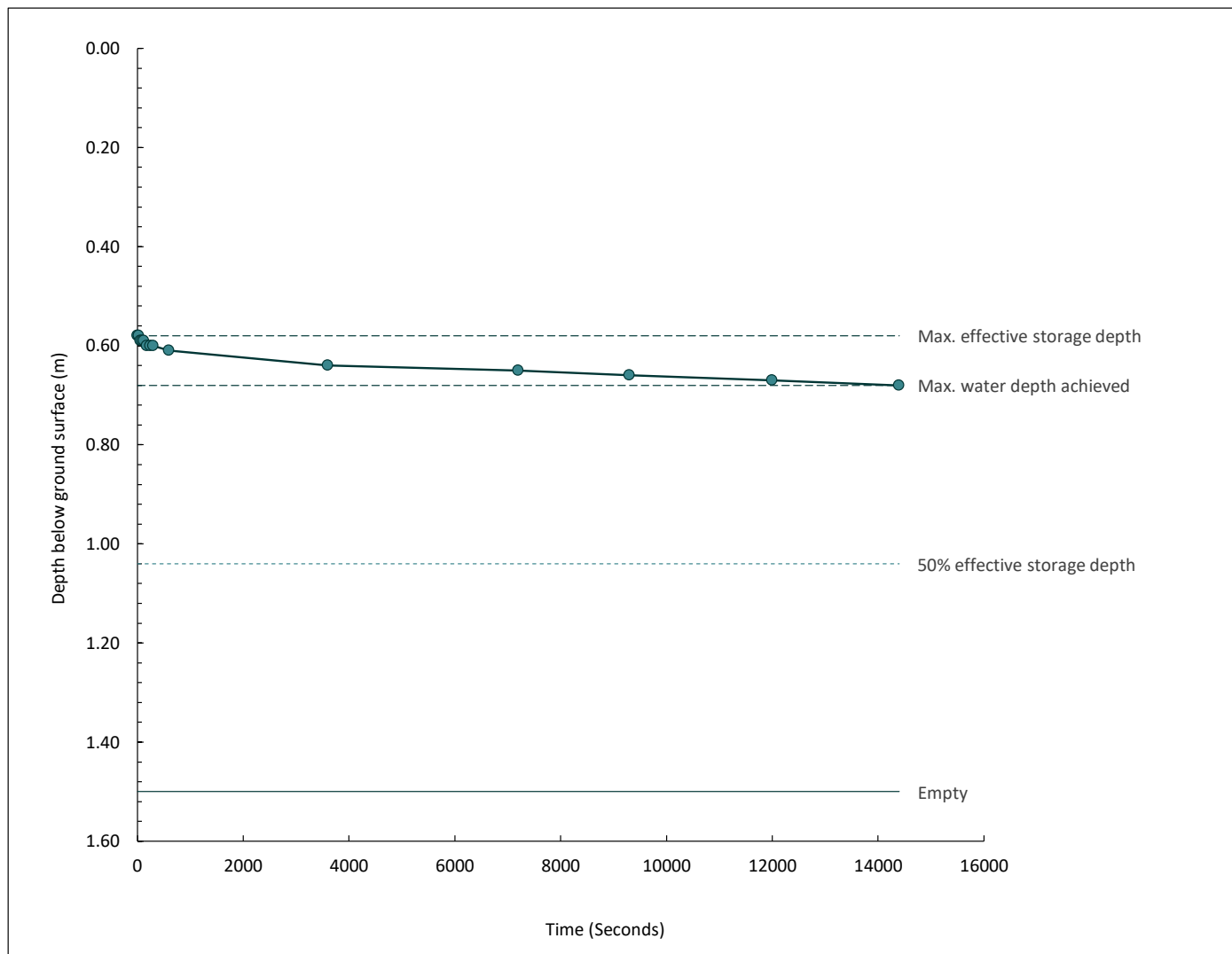
Soil Infiltration Rate: N/A

Pit Dimensions			
Length (m)	Width (m)	Depth at Start of Test (m)	Depth at End of Test (m)
1.70	0.50	1.60	1.60

Fill Porosity: 30%	Test Duration (hh:mm): 04:00	Soakaway Construction: Vertical sides trimmed square with granular fill and observation tube
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Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com		Water measuring device: Dip Meter Weather conditions: Cloudy and dry Test in accordance with BRE DG 365 Revised 2016	Remarks: 1. Infiltration rate not reported due to insufficient fall in water level to satisfy calculation method.
Operator: J. Blyth	Checked by: J. Keay	Approved by: J. Keay	Fm-Hn-R-3064-Rev

	Soakaway Test	Location ID - Test Number	
		SA103	
Project ID: GL24235	Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)	E: 498004.29	N: 101662.84
Location: Proposed Crematorium, Bognor Regis	Consultant: Campbell Reith Hill LLP	Ground Level: 4.00 maOD	
	Infilling 1	Test Date: 15/04/2021	



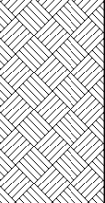
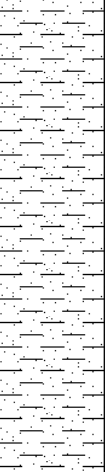
Soil Infiltration Rate: N/A

Pit Dimensions			
Length (m)	Width (m)	Depth at Start of Test (m)	Depth at End of Test (m)
1.70	0.50	1.50	1.50

Fill Porosity: 30%	Test Duration (hh:mm): 04:00	Soakaway Construction: Vertical sides trimmed square with granular fill and observation tube
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Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com		Water measuring device: Dip Meter Weather conditions: Cloudy and dry Test in accordance with BRE DG 365 Revised 2016	Remarks: 1. Infiltration rate not reported due to insufficient fall in water level to satisfy calculation method.
Operator: J. Blyth		Checked by: J. Keay	Approved by: J. Keay Fm-Hn-R-3064-Rev C

		Trial Pit Record			TRL101		Sheet 1 of 1	
Project ID: GL24235		Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)			E: 498003.64		N: 101639.97	
Location: Proposed Crematorium, Bognor Regis		Consultant: Campbell Reith Hill LLP						
		Plant used: Hand Excavated			Date: 16/04/2021			
Geology Description		Legend	Depth	Elevation (maOD)	Sample / In-Situ Test Information			Installation & Backfill
				4.00	Type	Depth	Results / Remarks	
TOPSOIL. Firm friable light brown slightly gravelly sandy CLAY. Gravel is angular to subrounded fine to coarse flint.			0.30	3.70	B1	0.10 - 0.30	110 kPa	
					ES1	0.20		
					HV01	0.30		
Firm to stiff light orangish brown slightly sandy CLAY.					B2	0.50 - 0.80	95 kPa	
					ES2	0.60		
					HV02	0.60		
From 0.70m: Becoming soft to firm.								
Trial pit terminated at 1.00m.			1.00	3.00	HV03	1.00	80 kPa	
Weather: Sunny and dry		Water Strike						
Pit Stability: Stable		Date	Water Strike (m)	Time Elapsed (mins)	Standing Level (m)	Remarks		
Shoring Used:								
Pit Dimensions: L: 0.30m x W: 0.30m		Remarks						
Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com		1. TRL101 DCP test undertaken at 0.28m. 2. Backfill: GL to 1.00m arisings.						
		Logged by: J. Blyth			Checked by: J. Keay		Fm-Hn-R-3069-Rev E	

		Trial Pit Record			TRL106		Sheet 1 of 1	
Project ID: GL24235		Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)			E: 497909.25 N: 101683.76			
Location: Proposed Crematorium, Bognor Regis		Consultant: Campbell Reith Hill LLP						
		Plant used: Hand Excavated			Date: 16/04/2021			
Geology Description		Legend	Depth	Elevation (maOD)	Sample / In-Situ Test Information			Installation & Backfill
				4.61	Type	Depth	Results / Remarks	
TOPSOIL. Firm friable light brown slightly gravelly sandy CLAY. Gravel is angular to subrounded fine to coarse flint.			0.30	4.31	B1	0.10 - 0.30	100 kPa	
					ES1	0.20		
					HV01	0.30		
Firm light orangish brown mottled light bluish grey slightly sandy CLAY with rare subangular to subrounded fine to coarse gravel of flint.			1.00	3.61	B2	0.70 - 1.00	110 kPa	
<i>From 0.70m: Becoming mottled light grey.</i>					HV02	0.70		
					ES2	0.80		
Trial pit terminated at 1.00m.								
Weather: Sunny and dry		Water Strike						
Pit Stability: Stable		Date	Water Strike (m)	Time Elapsed (mins)	Standing Level (m)	Remarks		
Shoring Used:								
Pit Dimensions: L: 0.30m x W: 0.30m		Remarks						
Norwich Office: 01603 613111 London Office: 020 7537 9233 Cambridge Office: 01223 781585 Colchester Office: 01206 986675 Testing Services: 01603 416333 E-mail: info@harrisingroupuk.com Website: www.harrisingroupuk.com								
		Logged by: J. Blyth			Checked by: J. Keay		Fm-Hn-R-3069-Rev E	