

FM-H-0-101 Rev B 1\24200\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

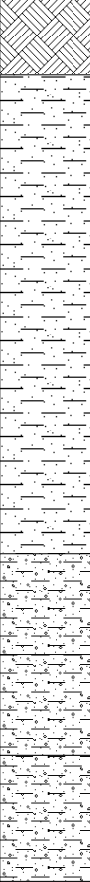
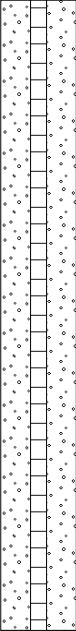
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Cambridge: 01223 781585 Laboratory: 01603 416333
Email: info@harringtongroupuk.com
Website: www.harringtongroupuk.com

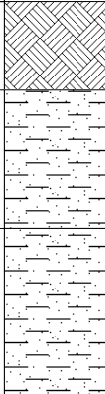
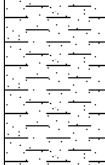
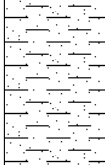
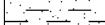
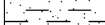
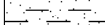
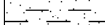
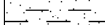
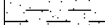
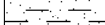
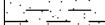
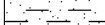
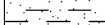
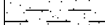
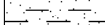
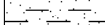
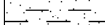
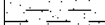
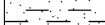
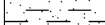
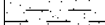
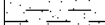
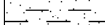
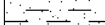
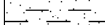
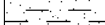
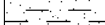
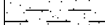
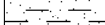
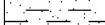
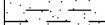
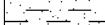
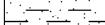
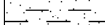
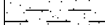
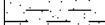
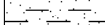
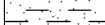
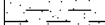
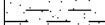
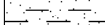
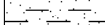
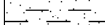
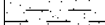
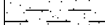
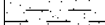
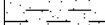
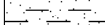
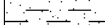
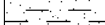
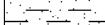
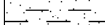
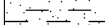
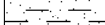
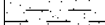
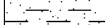
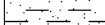
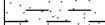
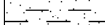
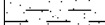
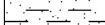
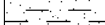
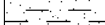
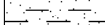
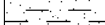
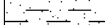
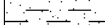
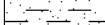
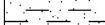
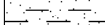
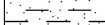
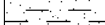
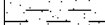
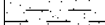
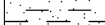
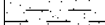
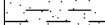
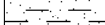
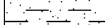
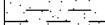
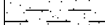
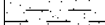
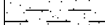
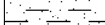
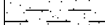
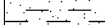
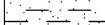
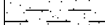
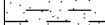
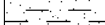
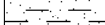
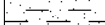
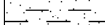
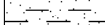
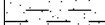
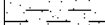
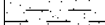
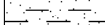


Certificate Number 5933 ISO 9001, ISO 14001

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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	110 kPa									
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										
								D2	0.60										
								ES2	0.60										
								SPT(S) HV02					1.00 1.00	N=6 (1,1/2,1,2,1) 45 kPa					
From 2.00m: Becoming sandy.								B1	1.20 - 1.60						- (Dry)				
								HV03	1.50				65 kPa						
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	SPT(S) D3		2.00 2.00	N=11 (2,2/2,3,3,3)	- (Dry)	
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.								D4	2.50						- (2.30)				
					D5	2.80													
					SPT(S) D6		3.00 3.20	N=24 (4,5/4,7,7,6)											
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												
NO RECOVERY.						3.50	1.32												
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								

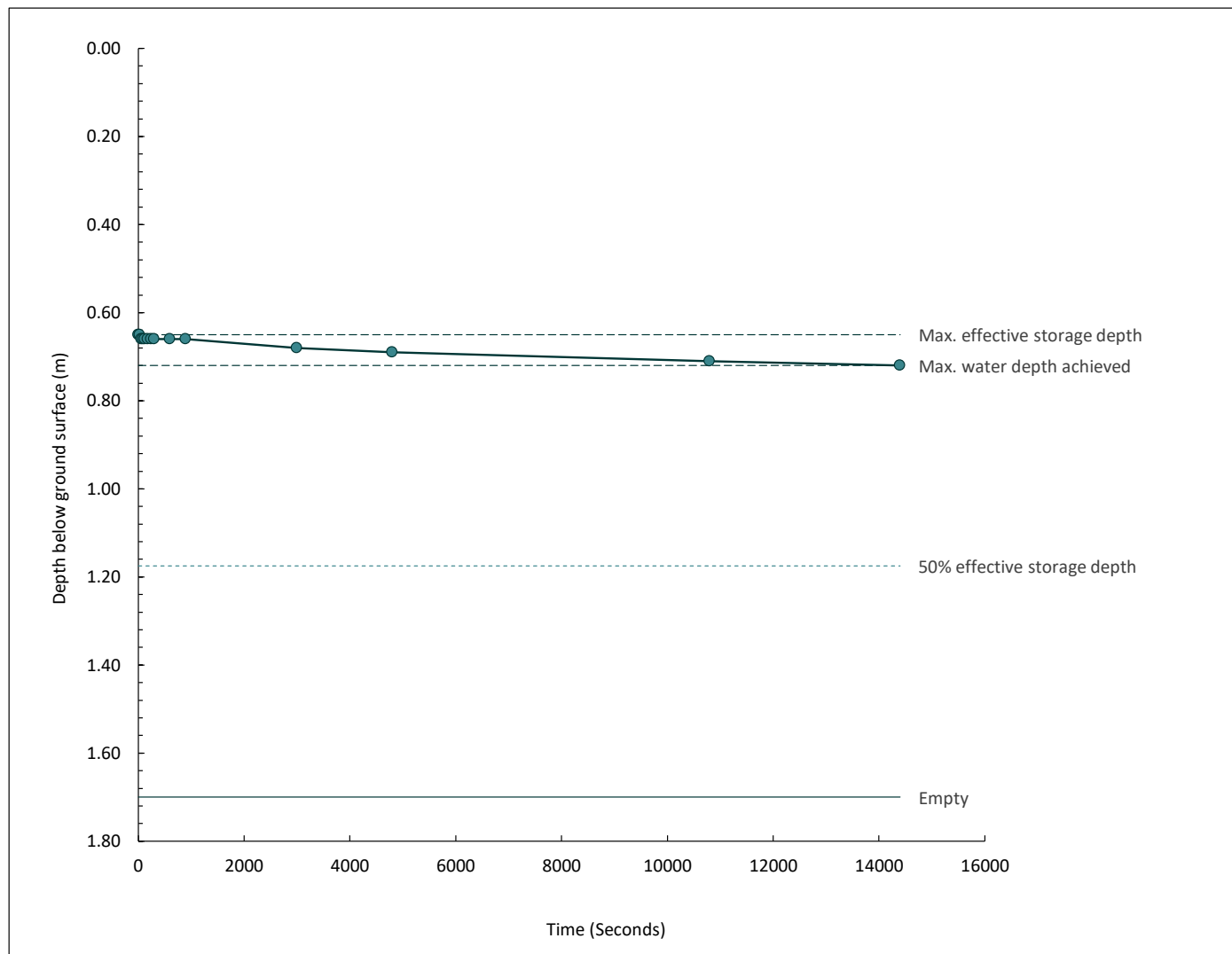
Project ID: GL24235		Client: Crematoria Management Limited & Landlord (David Wilson Langmead and Sandra Ann Langmead and Denton & Co Trustees Limited)		E: 498003.05 N: 101697.73					
Location: Proposed Crematorium, Bognor Regis		Consultant: Campbell Reith Hill LLP							
		Plant used: JCB 3CX		Date: 15/04/2021					
Geology Description		Legend	Depth	Elevation (maOD) 4.08	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	3.73	B1	0.10 - 0.30	110 kPa		
Stiff light orangish brown occasionally mottled dark brown slightly sandy CLAY with rare nodules of possible ironstone. Becoming firm with depth.					D1	0.20			
					HV01	0.30			
					B2	0.40 - 0.80			
Soft to firm light orangish brown mottled light grey occasionally mottled dark brown slightly sandy CLAY with rare sub-angular to sub-rounded fine to coarse gravel of flint and possible calcrete nodules.			0.90	3.18	D2	0.60	100 kPa		
					HV02	0.60			
					B3	1.00 - 1.40			
Trial pit terminated at 1.60m: Possible groundwater encountered			1.60	2.48	HV03	1.00	65 kPa		
					D3	1.50	50 kPa		
					HV04	1.50	50 kPa		
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

 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	



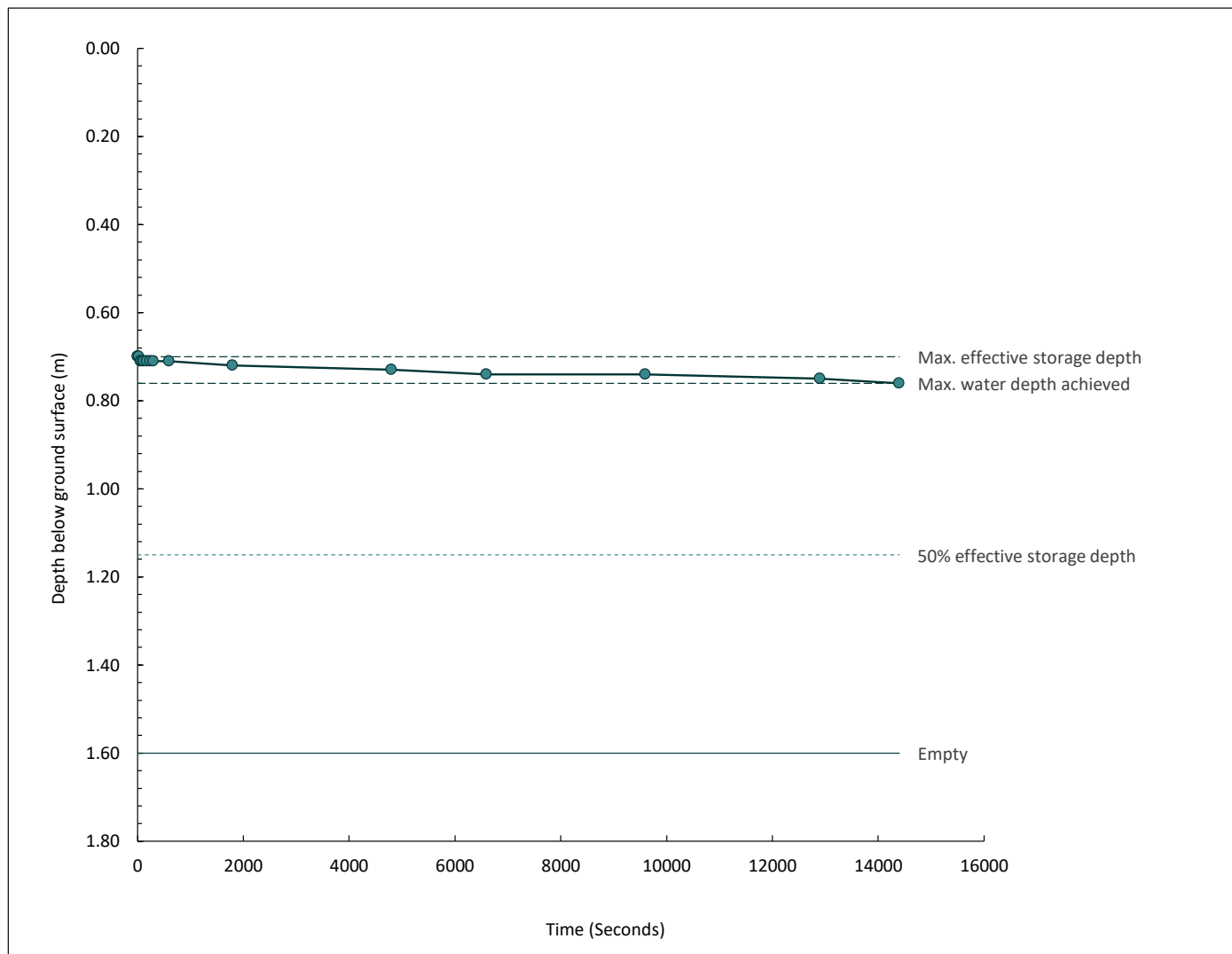
Soil Infiltration Rate: N/A

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@harrisongroupuk.com Website: www.harrisongroupuk.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	



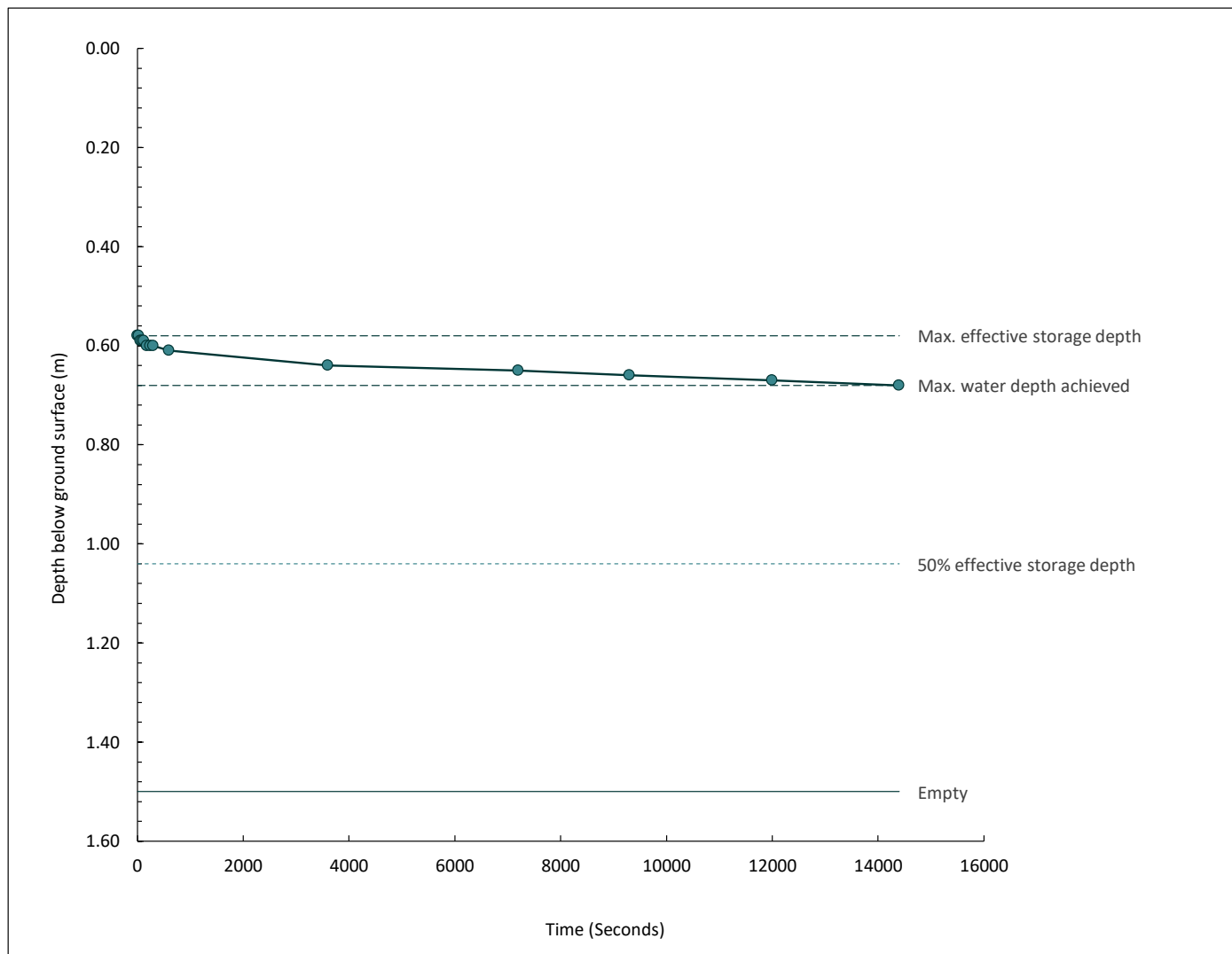
Soil Infiltration Rate: N/A

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	

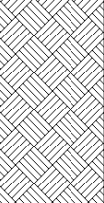
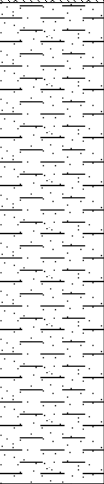


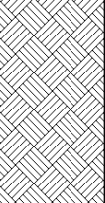
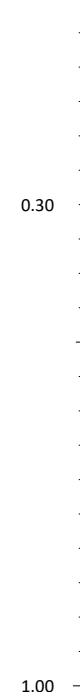
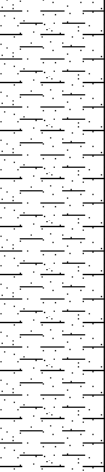
Soil Infiltration Rate: N/A

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) 4.00	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.			0.30	3.70	B1	0.10 - 0.30	110 kPa	
					ES1	0.20		
Firm to stiff light orangish brown slightly sandy CLAY.			1.00	3.00	HV01	0.30	95 kPa	
					B2	0.50 - 0.80		
From 0.70m: Becoming soft to firm.					ES2 HV02	0.60 0.60		
Trial pit terminated at 1.00m.					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.				4.31	B1	0.10 - 0.30	100 kPa	
					ES1	0.20		
Firm light orangish brown mottled light bluish grey slightly sandy CLAY with rare subangular to subrounded fine to coarse gravel of flint.					HV01	0.30		
<i>From 0.70m: Becoming mottled light grey.</i>					B2	0.70 - 1.00	110 kPa	
					HV02	0.70		
					ES2	0.80		
Trial pit terminated at 1.00m.			1.00	3.61				
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	