

14 December 2023

Morgan Sindall
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W1W 8AJ

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RSK Raw Ref. 2642020

Dear Sir or Madam,

Re : Supplemental Letter Report detailing additional information supporting Verification Report for Douay Martyrs School Cardinal Hume Campus Development

1.1 Site Name and Address

Douay Martyrs School, Cardinal Hume Campus, Long Lane, Ickenham, London Borough of Hillingdon UB10 8SX.

1.2 Background information

RSK Raw Limited (RSK Raw) was commissioned by Morgan Sindall Limited (Morgan Sindall) to prepare a contamination remediation verification report for the redevelopment at Douay Martyrs School, Cardinal Hume Campus, in order to discharge Planning Condition 9.

In November 2020, Create Consulting Engineers Limited (Create Consulting) completed a Phase 1 Contaminated Land Assessment. The Create Consulting report comprised a desk study and qualitative risk assessment.

In December 2022 Ground Engineering Limited (Ground Engineering) completed a Phase II Ground Investigation report. The Ground Engineering report comprised a desk study and detailed results of an intrusive investigation which included cable percussion boreholes, window sample boreholes and trial pits. The aim of the intrusive investigation was to provide outline foundation guidance and contamination remedial recommendations for the school redevelopment.

In February 2021, Ground Engineering subsequently prepared a Remediation Plan following the intrusive ground investigation. The Remediation Plan was produced in order to address the planning condition which required a method statement detailing the necessary remediation requirements in relation to the development.

1.3 Current Scope

Following approval of the Remediation Plan, written by Ground Engineering, and construction of the development, RSK Raw was appointed to prepare a verification report summarising the remedial works completed by Morgan Sindall and their subcontractors.

Correspondence, evidence and confirmation of the development being in accordance with the Remediation Plan have been provided by Morgan Sindall and are provided in the Appendices.



Pollution response and remediation

RSK Raw is a trading name of RSK Raw Limited.
Registered in England No. 12071477. Registered Office: Spring Lodge,
172 Chester Road, Helsby, Cheshire, UK, WA6 0AR.
RSK Raw Limited is a member of the RSK group.

The verification report was submitted to Hillingdon London Council and following review the council requested additional information to 'furnish the LPA with appropriate photographic and written details showing open excavations which identify the type, description, and measured depth of soil cover materials placed within open landscaped areas of the site'

1.4 Summary of Site Visit

On Friday 8th December 2023 RSK Raw visited the site to carry out a site walkover and hand excavated three pits to verify the materials and depths of the soil placed within the open areas of the site.

The verification trial pits comprised the hand excavation of:

- Two hand dug trial pits (VP01 and VP03) advanced to 0.6 metres below ground level (mbgl) within the soft landscaping associated with the development
- One hand dug trial pit (VP02) advanced to 0.4 mbgl within the raised planter, it is RSK Raws understanding that this depth has been agreed between Morgan Sindall and the Regulator owing to the top of the raised planter being located approximately 0.6m above ground level.

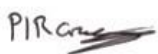
The positions are shown on drawing 2642020-02, appended.

1.5 Details of Soft Landscaping Encountered

As detailed within previous Ground Investigations the existing Made Ground was not suitable for reuse and as such a new cover system of 600mm thickness was required at the site. Morgan Sindall imported topsoil and the delivery notes and pre delivery certificates are supplied within the verification report.

The ground conditions encountered during the verification site visit commenced within a topsoil surface layer. The topsoil layer typically extended to between 300 and 400mm depth below ground level (bgl) and comprised brown clayey slightly gravelly silt with fine fibrous rootlets and organic matter. Below this depth soft light brown silty gravelly clay was encountered to 600mm bgl, the base of this material was not proven within the 600mm deep verification trial pits.

Yours sincerely
For RSK Raw



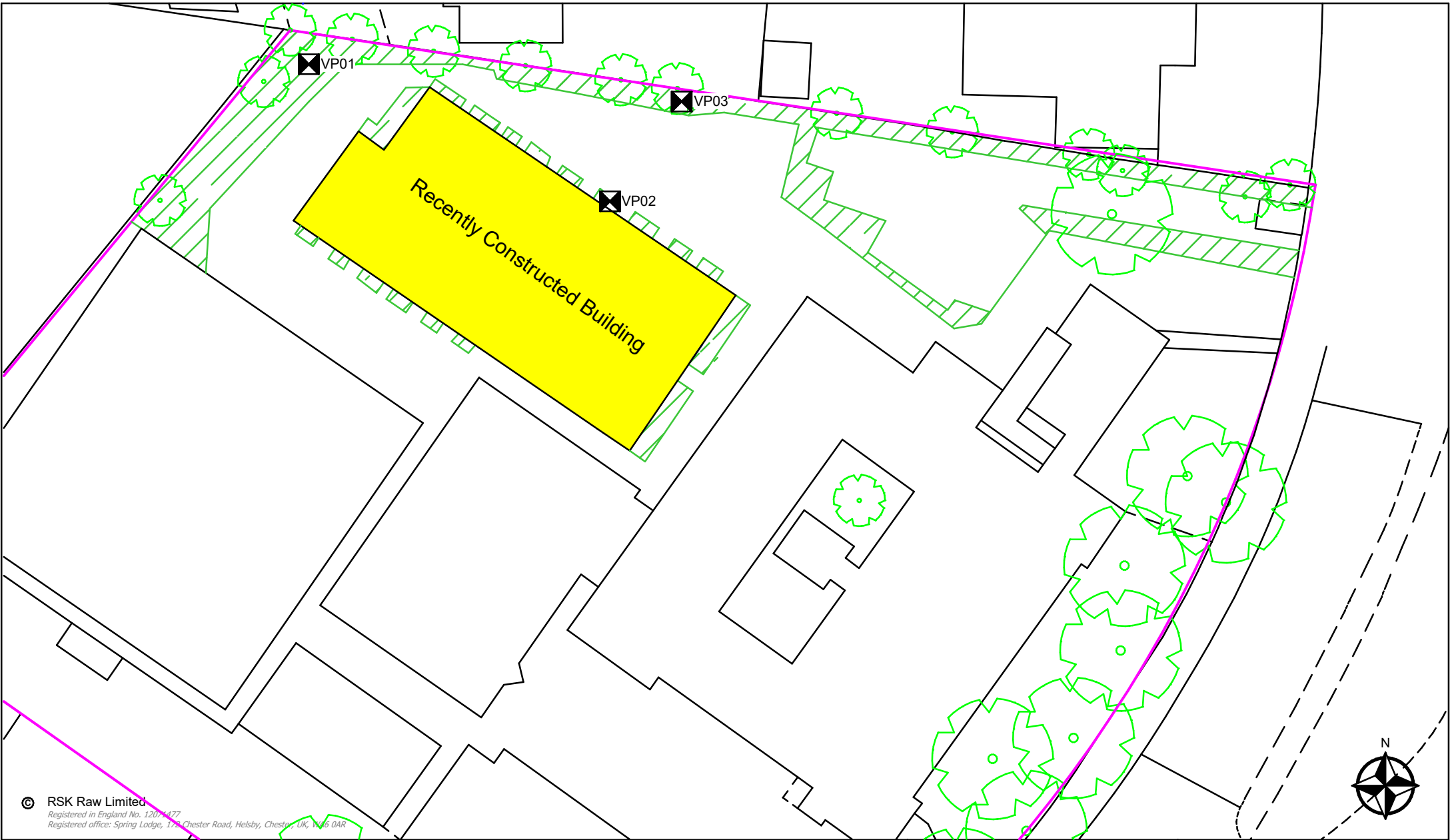
Phil Cresswell
Senior Geo-Environmental Consultant

PC/ RM

* Att. Verification Pit Records
Drawing of Verification Pit locations
Verification Trial pit photos

Please note that the standard RSK Raw limitations to the above works as reported herein apply.





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Registered office: Spring Lodge, 17A Chester Road, Helsby, Chester, UK, V46 0AR

LEGEND

- Verification Pit Location
- Soft landscaping areas
- Trees/shrubs
- Recently Constructed Building
- Property boundary

CLIENT & PROJECT NAME: Morgan Sindall Group - Douay Martyrs School									
TITLE: Verification Trial Pits									
SITE ADDRESS: 80A Long Ln, Ickenham, Uxbridge UB10 8SX									
PROJECT NO: 2642020	DRAWING No. 2642020-02	REV: 01	DRAWN BY: IJ	CHECKED BY: PC	APPROVED BY: PC	DATE APPROVED: 13/12/2023	SCALE: 1:46	SCALE BAR: 	

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Offices throughout the UK and Ireland

Photo Log



Template V3 200130

RSK Raw Limited
Portland Road,
Malvern
WR14 2TA



Photo 1: View of VP01



Photo 2: View of VP01



Photo 3: View of VP02



Photo 4: View of VP02

Client: Morgan Sindall

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Project Ref: 2642020

Photo Log



Template V3 200130

RSK Raw Limited
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Photo 5: View of VP03



Photo 6: View of VP03 (water encountered at base of excavation, base of excavation observed prior to groundwater)



Photo 7: View of location of VP03 and raised planter where VP02 was located.

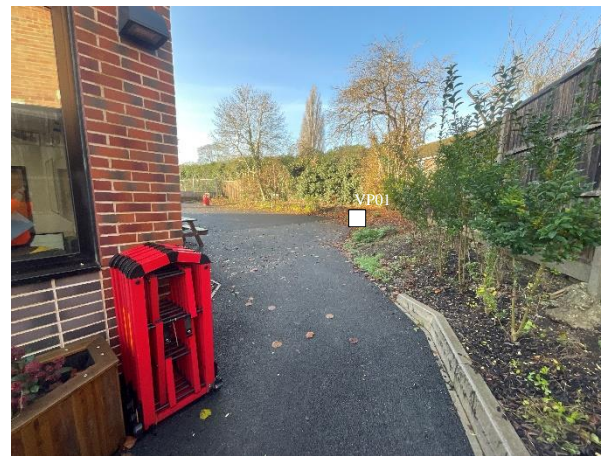


Photo 8: View of location of VP01

Client:

Morgan Sindall


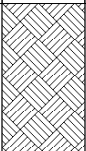
Site Address:

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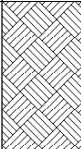

2642020



				<h1 style="text-align: center;">Trial Pit Log</h1>			Trialpit No VP02 Sheet 1 of 1		
Project Name: Douay Martyrs School				Project No. 2642020		Co-ords: - Level:		Date 08/12/2023	
Location: Edinburgh Drive, Ickenham						Dimensions (m): <div style="display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">0.3</div> <div style="border: 1px solid black; width: 100px; height: 30px; margin: 0 10px;"></div> <div>0.3</div> </div>		Scale 1:20	
Client: Morgan Sindall						Depth 0.40		Logged PC	
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.40			Soft dark brown sandy gravelly silt with fine fibrous rootlets, bark and organic matter.		
							End of pit at 0.40 m		
Remarks: The trial pit position was scanned for utilities with a CAT & Genny. The trial pit was then dug to a depth of 0.4 m bgl. Reinstated with arisings.									
Stability: Vertical and Stable									



				<h1>Trial Pit Log</h1>			Trialpit No VP03 Sheet 1 of 1		
Project Name: Douay Martyrs School				Project No. 2642020		Co-ords: - Level:		Date 08/12/2023	
Location: Edinburgh Drive, Ickenham						Dimensions (m): <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 100px; height: 40px; margin: 0 auto;"></div> <div style="margin-left: 10px;">0.3</div> </div>		Scale 1:20	
Client: Morgan Sindall						Depth 0.60		Logged PC	

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
				0.40			Soft dark brown sandy gravelly silt with fine fibrous rootlets, bark and organic matter.
				0.60			Soft light brown silty sandy gravelly clay with organic matter and fine rootlets.
<div style="text-align: right; margin-right: 50px;">End of pit at 0.60 m</div>							

Remarks: The trial pit position was scanned for utilities with a CAT & Genny. The trial pit was then dug to a depth of 0.6 m bgl. Reinstated with arisings.

Stability: Vertical and Stable

