

14 December 2023

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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 Raw's 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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LEGEND

■ Verification Pit Location

— Property boundary

● Trees/shrubs

▨ Soft landscaping areas

■ Recently Constructed Building

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:

0 4.5m 9m

**RSK**  
**raw**

Raw House, Portland Road, Malvern,  
Worcestershire WR14 2TA

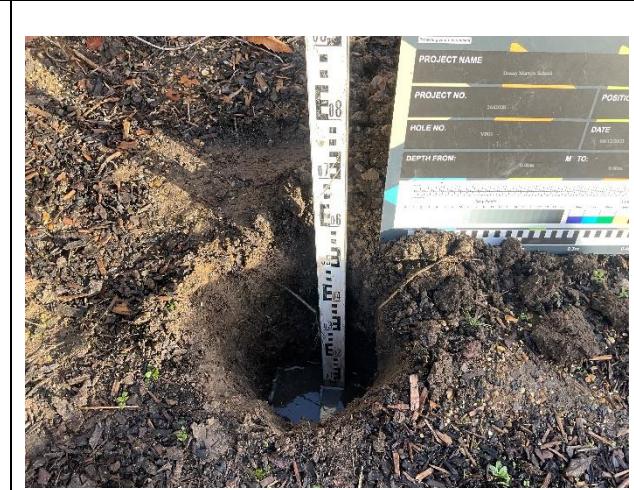
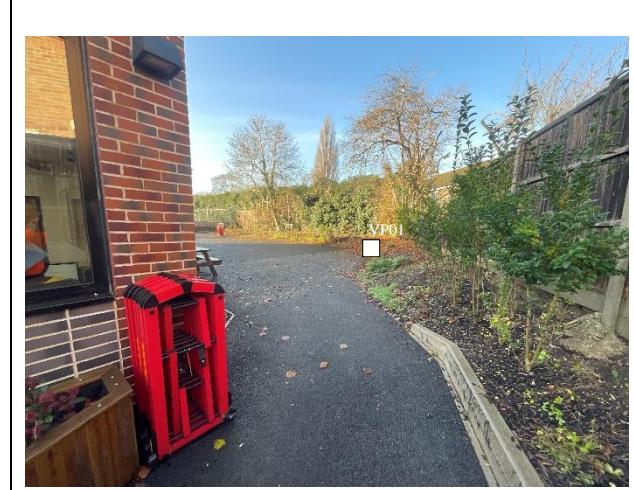
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Offices throughout the UK and Ireland

## Photo Log

		 <p><b>RSK Raw Limited</b> Portland Road, Malvern WR14 2TA</p>
<b>Photo 1:</b> View of VP01	<b>Photo 2:</b> View of VP01	<b>Client:</b> Morgan Sindall
		<b>Site Address:</b> Douay Martyrs School, Cardinal Hume Campus Long Lane, Ickenham, London Borough of Hillingdon UB10 8SX
<b>Photo 3:</b> View of VP02	<b>Photo 4:</b> View of VP02	<b>Project Ref:</b> 2642020

## Photo Log

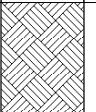
		 <p><b>RSK Raw Limited</b> Portland Road, Malvern WR14 2TA</p>
<b>Photo 5:</b> View of VP03	<b>Photo 6:</b> View of VP03 (water encountered at base of excavation, base of excavation observed prior to groundwater)	<b>Client:</b> Morgan Sindall
		<b>Site Address:</b> Douay Martyrs School, Cardinal Hume Campus Long Lane, Ickenham, London Borough of Hillingdon UB10 8SX
<b>Photo 7:</b> View of location of VP03 and raised planter where VP02 was located.	<b>Photo 8:</b> View of location of VP01	<b>Project Ref:</b> 2642020

# Trial Pit Log

Trialpit No

**VP01**

Sheet 1 of 1

Project Name: Douay Martyrs School			Project No. 2642020			Co-ords: - Level: 0.00		Date 08/12/2023
Location: Edinburgh Drive, Ickenham						Dimensions (m):	0.3	Scale 1:20
Client: Morgan Sindall						Depth 0.60	0.3	Logged PC
Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
			0.30	-0.30		Soft dark brown sandy gravelly silt with fine fibrous rootlets, bark and organic matter.		
			0.60	-0.60		Soft light brown silty sandy gravelly clay with organic matter and fine fibrous rootlets.	End of pit at 0.60 m	
							1	
							2	
							3	
							4	
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. Reinstanted with arisings.							
Stability:	Vertical and Stable							



# Trial Pit Log

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):	0.3	Scale 1:20
Client: Morgan Sindall						Depth 0.60	0.3	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.	1
				0.60			Soft light brown silty sandy gravelly clay with organic matter and fine rootlets.	2
							End of pit at 0.60 m	3
								4
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. Reinstanted with arisings.							
Stability:	Vertical and Stable							