

Name: Aidan Jackson
Client: Guinness Development Ltd
Date: 08/11/23
Ref: LKC 23 1398a



RE: Palgrave Avenue and Queen Road, Manchester Site: Culvert Investigation

Dear Aidan,

A site investigation was undertaken on the 31st of October 2023 to ascertain if a culvert was present within c. 5m depth.

The investigation comprised of 1no. trial trench c. 6.5m long, 1m wide and to 5.00m depth, in the area of the assumed location of the culvert, using a tracked 16 tonne excavator.

Figure 1 shows the site location and boundary. Figure 2 shows the site investigation location. The NGR coordinates of the extent of trial trench are detailed below.

Easting	Northing	Elevation (m)
385962.3	400126.1	62.162
385961.5	400125.4	62.027
385965.3	400120.1	62.100
385966.9	400120.6	62.158

A summary log of the trial trench TP101 is appended. Material comprised made ground to c 3mbgl (bricks and rubble likely from former basement of terraced housing as basement walls were exposed) over stiff clay to 5mbgl. Selected photographs are appended.

Evidence of the culvert was not found within the extents of the trial trench.

Yours Sincerely

A handwritten signature in black ink, appearing to read 'P. Quimby', with a stylized flourish at the end.

Dr Paul Quimby
Technical Director

Enclosed:

Figures
Profile Log
Selected photographs

- » Geotechnical
- » Contaminated Land
- » Flood Risk and Drainage
- » Asbestos
- » Invasive Species
- » Land Remediation
- » Project Management
- » Land Drilling

FIGURES



Client: The Guinness Partnership				Title: Site Location & Boundary Plan			
Site: Palgrave Avenue and Queens Road, Manchester				Scale (see scale bar): 1:25,000 & 1:1000 @ A4			
Job No.: LKC 23 1398a	Drawn By: EH	Checked By: JW	Drawn: Nov 2023	Figure: 1	Revision:		



KEY

- Site Boundary
- Trial Pit (TP)
- PROPOSED SURFACE WATER
- PROPOSED FOUL WATER
- EXISTING UU COMBINED
- CULVERTED WATERCOURSE (INDICATIVE)

NOTE:

With reference to the depiction of TP101:
W=1.063 refers to the **width** of the Trial Pit &
L= 6.522 refers to the **length** of the Trial Pit

Sampling Locations and features annotated by LK Consult Ltd are approximate and are based upon observed measurements unless otherwise stated. Do not scale from this drawing and work from marked dimensions only. All dimensions and features should be confirmed on site by the Contractor. Where this drawing includes information provided to LK Consult Ltd by others, LK Consult Ltd gives no warranty, representation or assurance as to the accuracy of such information.



Client: Guinness Developments Ltd			
Site: Palgrave Avenue & Queens Road, Manchester			
Title: Site Investigation Location Plan			
Job No.: LKC 23 1398a	Scale (See Scale Bar): See Scale Bar	Figure: 2	Revision:
Drawn By: AC	Checked By: JW	Nov 2023	

PROFILE LOGS



Trial Pit Log

Location Number:
TP101

Project: Palgrave Avenue and Queens Road, Manchester

Client: The Guinness Partnership

Date: 31/10/2023

Project No. : LKC 23 1398a

Contractor: H & C Plant Hire

Co-ords: E385964.19 N400123.14

Equipment:

Level
62.17m AoD

Logged By
JW

Scale
1:25

Page Number
Sheet 1 of 1

Depth	Samples / Tests	Depth (m)	Legend	Stratum Description		Level (m)
		0.55		MADE GROUND: Dark brown slightly gravelly sandy SILT with frequent roots and rootlets.	0.5	61.62
				MADE GROUND: Brown and red slightly sandy slightly silty GRAVEL comprising frequent whole bricks, brick fragments, tarmacadam and ceramic. Sand is fine to coarse. Gravel is fine to coarse. Brick walls present at 0.55-2.90mbg. Brick floor present at 2.90-3.00mbgl.	1.0	
		3.00		Firm to stiff consistency grey slightly sandy silty CLAY with occasional sand lenses. Sand is fine to coarse.	3.0	59.17
		5.00		End of Trial Pit at 5.00m	5.0	57.17



Pit Dimensions			Pit Stability
Length (m)	Width (m)	Depth (m)	Unstable
6.52	1.06	5.00	

Remarks:

Trial pit unstable at 0.50-3.00mbgl.
Slow water inflow at 3.00-5.00mbgl.

PHOTOGRAPHS



Made ground removed from infilled cellar



Evidence of side walls from former cellars



Extent of pit at 5mbgl

Based across the UK with offices in
Manchester, Liverpool, Swindon and Glasgow.

Manchester (Head Office)

Unit 29
Eton Business Park
Eton Hill Rd, Radcliffe
M26 2ZS

t: 0161 763 7200
e: info@thelkgroup.com

Swindon

39 Bowman House Business Centre
Bowman Court
Whitehill Lane
Royal Wootton Bassett
Swindon
SN4 7DB

t : 01793 987 390
e : info@thelkgroup.com

Glasgow

Wright Business Centre
1 Lonmay Road
Glasgow
G33 4EL

t: 0141 773 6269
e: info@thelkgroup.com

Liverpool

Unit 10
12 Jordan Street
Baltic Triangle
Liverpool
L1 0BP

t: 0161 763 7200
e: info@thelkgroup.com



- » Geotechnical
- » Contaminated
- » SuDS & Flood Risk
- » Project Management
- » Land Remediation
- » Land Drilling
- » Japanese Knotweed
- » Air Tightness Testing