

SITE INVESTIGATION FACTUAL REPORT

Report No: SI-369409
Client: Sedgwick International UK - Maidstone
Site: 5 Oakfield Road
Haringey
Client Ref: 9354705
Date of Visit: 25/11/2021

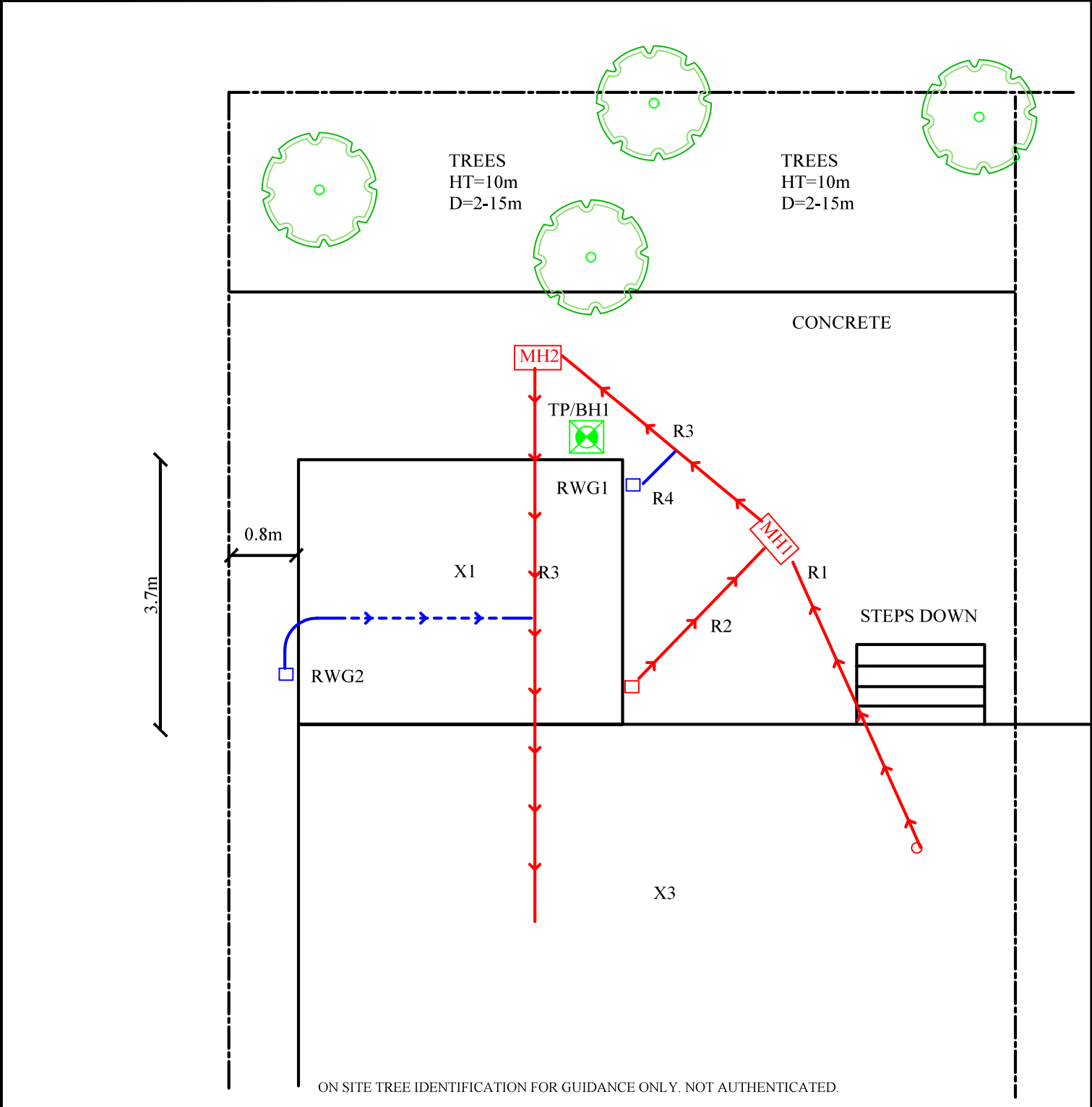


Home Emergency Response - Subsidence Investigation - Drainage Services – Crack & Level Monitoring – Property Video Surveys

Unit E2 First Floor Suite, Boundary Court
Willow Farm Business Park, Castle Donington
Leicestershire, DE74 2NN

☎ 0843 2272362
✉ enquiries@cet-uk.com
🌐 www.cet-uk.com

CET is the trading name of CET Structures Ltd
Registered in England No. 02527130



TEST REPORT: Trial Pit

REPORT NUMBER: C1055424 / 160067.1.1.1

TRIAL PIT REF: TP1

CLIENT: Sedgwick International UK

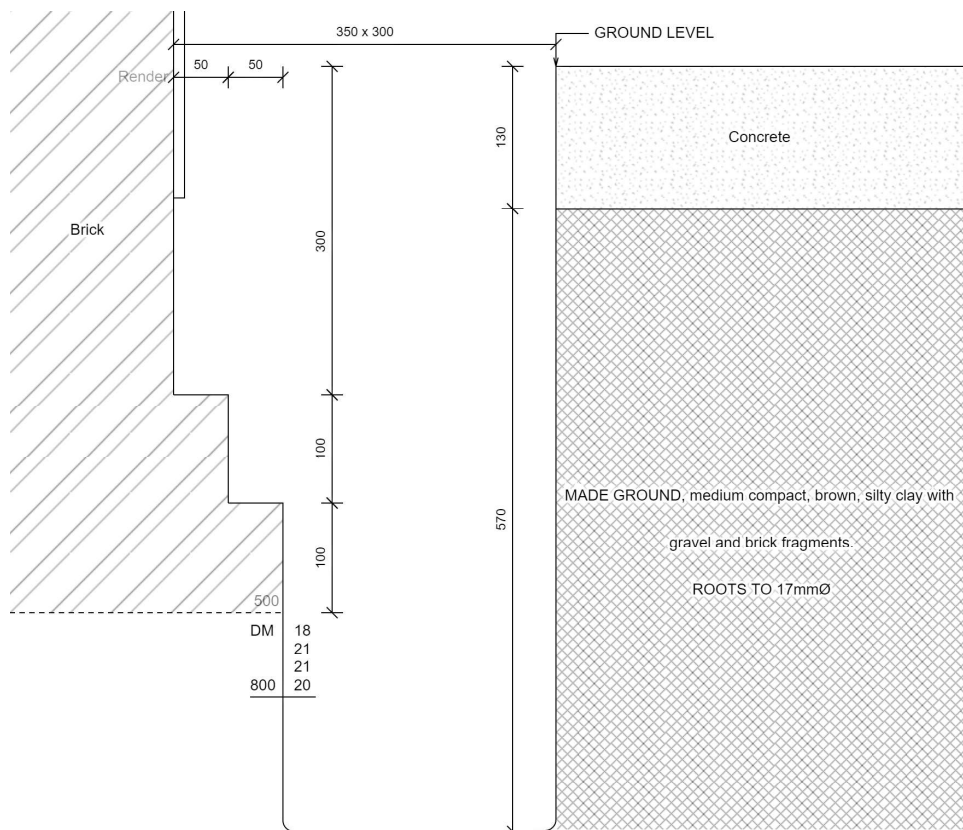
JOB NO: 369409

EXCAVATION METHOD: Hand tools

DATE: 25/11/2021

SITE: 5 OAKFIELD ROAD

WEATHER: Dry



For Strata below 700mm see Bore Hole log

Key:

D Small disturbed sample J Jar sample
B Bulk disturbed sample V Pilcon vane (kPa)
W Water sample M Mackintosh probe
TDTD Too dense to drive

Remarks:

Test results reported relate only to the items tested.
This report shall not be reproduced except in full without approval of the Laboratory.
Amended report. This test report supersedes test report version 1 -

For and on behalf of CTS
Scott Alger - Lab

Approved Signatory
26-Nov-21

Borehole		1	Sheet:		1 of 1	Site:	5 OAKFIELD ROAD				
			Job No:		369409						
			Date:		25/11/2021						
Boring Method:		Rotary Auger			Ground Level:		Client: Sedgwick International UK				
Diameter (mm):		100	Weather:		Dry						
Depth	Soil Description					Thickness	Legend	Samples and Tests			
(m)								Depth	Type	Result	
0.00	See Trial Pit					0.70					
0.70	MADEGROUND medium compact brown silty sandy clay with brick pieces					0.30					
1.00	Firm orange-brown silty CLAY					1.00	x — x	1.00	DV	56	
							x — x			66	
							x — x				
							x — x				
							x — x				
							x — x	1.50	D		
							x — x				
							x — x				
							x — x				
							x — x				
							x — x				
2.00	Stiff orange-brown silty CLAY					2.00	x — x	2.00	DV	88	
							x — x			98	
							x — x				
							x — x				
							x — x				
							x — x	2.50	D		
							x — x				
							x — x				
							x — x				
							x — x				
							x — x				
							x — x	3.00	DV	138	
							x — x			130	
							x — x				
							x — x				
							x — x				
							x — x	3.50	D		
							x — x				
							x — x				
							x — x				
4.00	Very stiff orange-brown silty CLAY					1.00	x — x	4.00	DV	140+	
							x — x			140+	
							x — x				
							x — x				
							x — x				
							x — x	4.50	D		
							x — x				
							x — x				
							x — x				
							x — x	5.00	DV	140+	
5.00	End of BH									140+	
Remarks:					Key:					To	Max
BH ends at 5.0m.BH dry and open on completion.No roots observed below 1.5m.					D - Disturbed Sample					Depth	Dia
					B - Bulk Sample					(m)	(mm)
					W - Water Sample					1.00	5
					J - Jar Sample					1.50	1
					V - Pilcon Shear Vane (kPa)						
					M - Mackintosh Probe						
					TDTD - Too Dense To Drive						
Logged:					DB	SA	Checked:	Approved:	Version	V1.0 28/01/16	N.T.S.



**Construction Testing
Solutions**

SITE INVESTIGATION LABORATORY TEST REPORT

SI REPORT NUMBER: 369409

CLIENT : CET Property Assurance (Sedgwick International UK)

SITE:
5 Oakfield Road
London
N4 4NH

DATE OF SITE VISIT:
25/11/2021

DATE RECEIVED BY LABORATORY:
26/11/2021

L. Kirby

Compiled by :

L. Kirby - Laboratory Technician (B)

Approved by :

J. Garrett - Laboratory Manager (B)

DATE REPORTED: 5-Dec-2021

Laboratory Summary Results

Our Ref : 369409

Location : 5 Oakfield Road, London, N4 4NH

Client: CET Property Assurance (Sedgwick International UK)

Address: Unit 4, Boundary Court, Willow Farm Business Park, Castle Donington, Leicestershire, DE74 2NN

Sample Ref		Type	Moisture Content (%) [1]	Soil Fraction > 0.425mm (%) [2]	Liquid Limit (%) [3]	Plastic Limit (%) [4]	Plasticity Index (%) [5]	Liquidity * Index [5]	Modified * Plasticity Index (%) [6]	Soil * Class [7]	Filter Paper		Soil Sample Suction (kPa) [8]	Oe [9]
TP/BH No	Depth (m)										Contact Time (d)			
1	U/S 0.50	D	31	22	76	28	48	0.06	37	CV	Not suitable for suc			
	1.0	D	42	<5	91	31	60	0.18	60	CE	7	57.3		
	1.5	D	33	<5										
	2.0	D	30	<5	74	24	50	0.12	50	CV	7	270		
	2.5	D	30	<5										
	3.0	D	31	<5	76	27	49	0.08	49	CV	7	434		
	3.5	D	32	<5										
	4.0	D	32	<5							7	499		
	4.5	D	33	<5										
	5.0	D	34	<5							7	468		

Test Methods / Notes

[1] BS 1377 : Part 2 : 1990, Test No 3.2

[2] Estimated if <5%, otherwise measured

[3] BS 1377 : Part 2 : 1990, Test No 4.4

[4] BS 1377 : Part 2 : 1990, Test No 5.3

[5] BS 1377 : Part 2 : 1990, Test No 5.4

[6] BRE Digest 240 : 1993

[7] BS 5930 : 2018 : Figure 8 - Plasticity Chart for the classification of fine soils

[8] In-house method S9a adapted from BRE IP 4/93

[9] In-house Test Procedure S17a: One Dimensional Swell/Strain Test

[10] Estimated Heave Potential (Dd)

[11] Values of shear strength were determined in situ by CTS using a Pilcon hand vane or Geonor vane (GV).

[12] BS 1377 : Part 3 : 1990, Test No 4

[13] BS 1377 : Part 2 : 1990, Test No 9

[14] BS 1377 : Part 3 : 1990, Test No 5.6

[15] SO₄ = 1.2 x SO₃

[16] BRE Special Digest One (Concrete in Aggressive Gr

Note that if the SO₄ content falls into the DS-4 or DS-5 c

prudent to consider the sample as falling into the DS-4M

class respectively unless water soluble magnesium testing

to prove otherwise.

* These tests are not UKAS accredited

Full reports can be provided upon request.

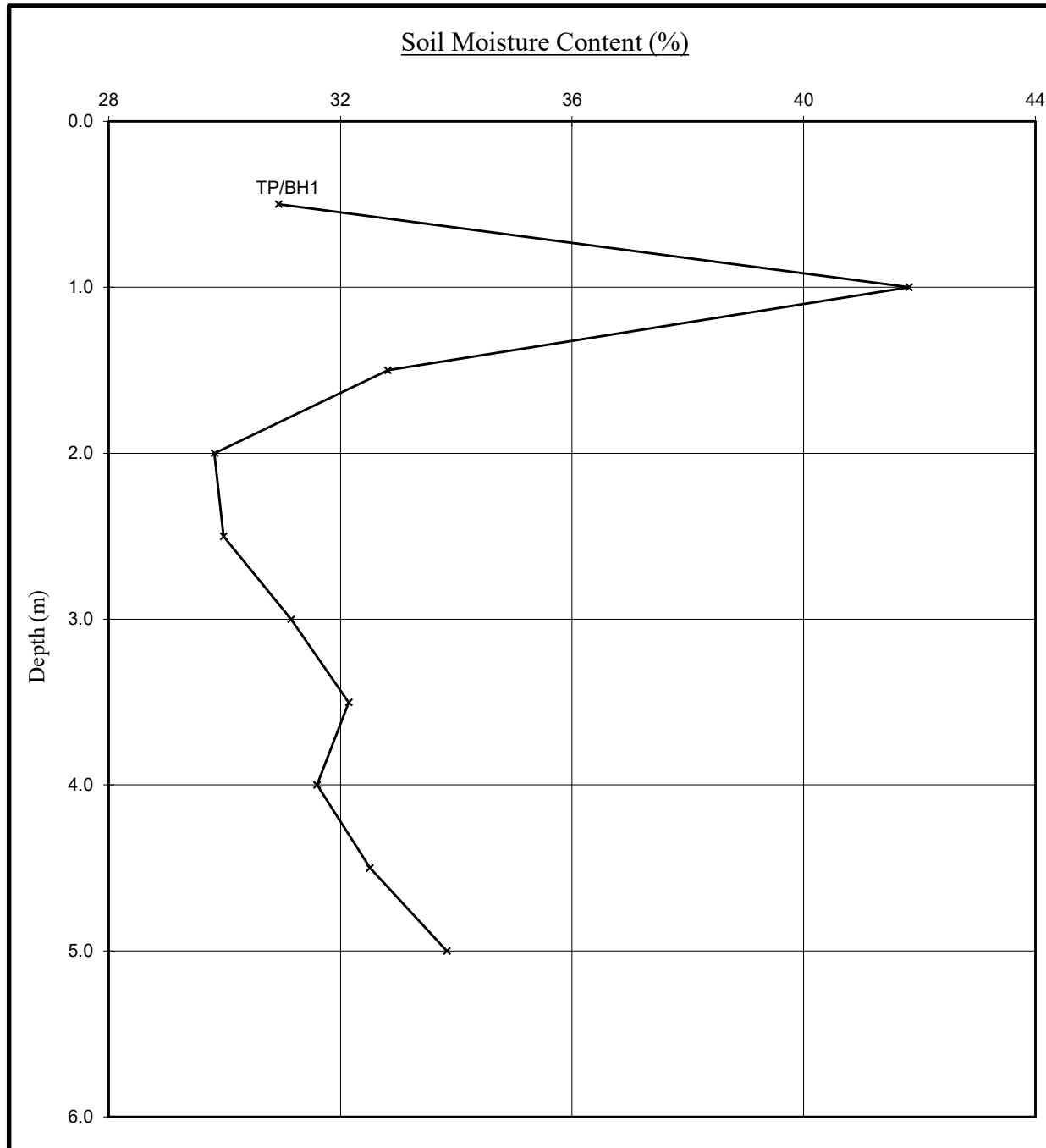
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Construction Testing Solutions Ltd - Lawness Barns, Mountnessing Road, Billericay, Essex

Moisture Content Profiles

Our Ref : 369409
Location : 5 Oakfield Road, London, N4 4NH
Work carried out for: CET Property Assurance (Sedgwick International UK)

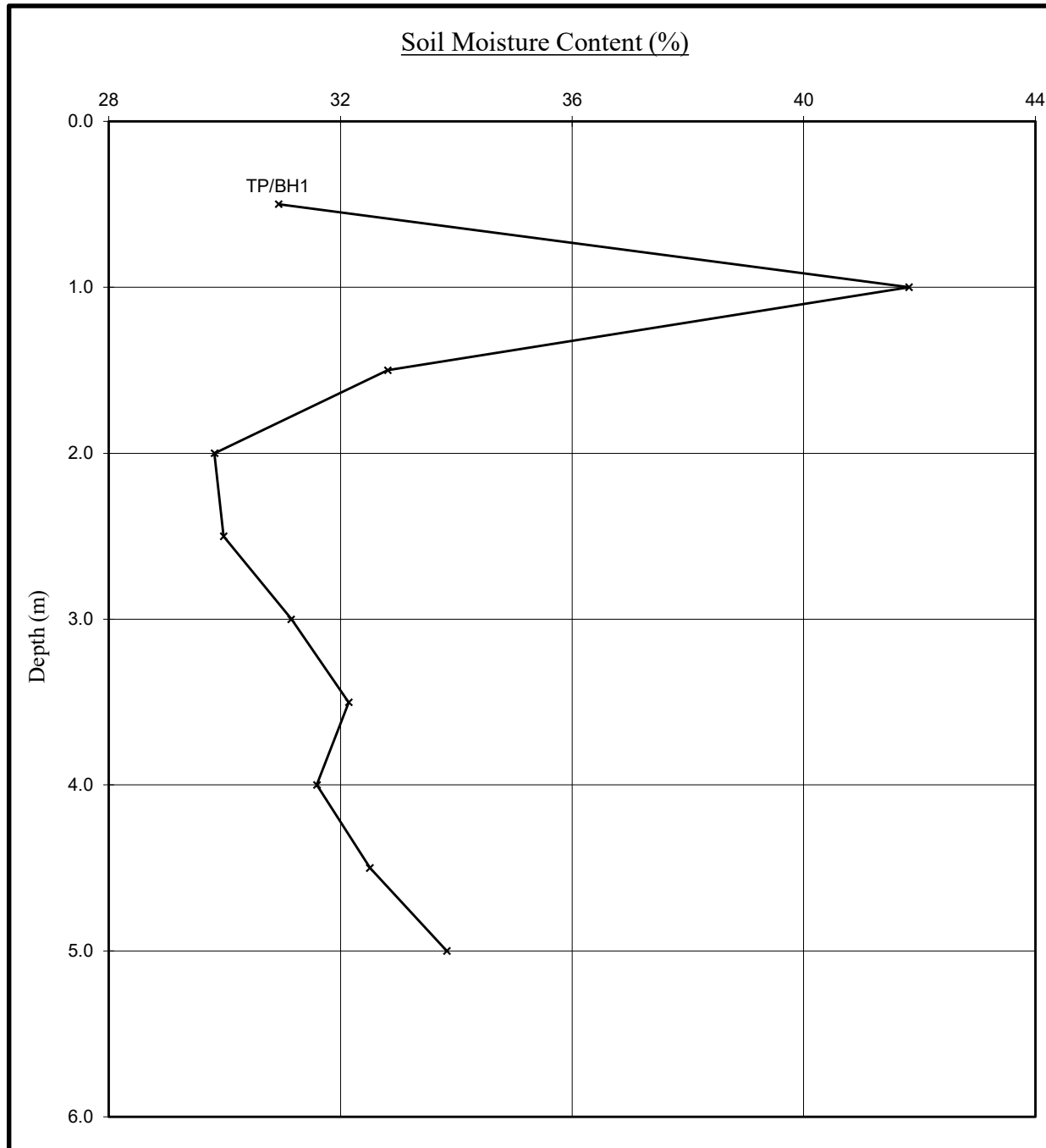


Notes

1. If plotted, 0.4 LL and PL+2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clay) at shallow depths.
2. Unless specifically noted the profiles have not been related to a site datum.

Moisture Content Profiles

Our Ref : 369409
Location : 5 Oakfield Road, London, N4 4NH
Work carried out for: CET Property Assurance (Sedgwick International UK)



Notes

1. If plotted, 0.4 LL and PL+2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clay) at shallow depths.
2. Unless specifically noted the profiles have not been related to a site datum.

Construction Testing Solutions
4 Oak Spinney Park
Ratby Lane
Leicester Forest East
Leicestershire
LE3 3AW

Intec
Parc Menai, Bangor,
Gwynedd, North Wales
LL57 4FG
Tel: 01248 672652
Fax: 01248 672601

ROOT IDENTIFICATION

5 Oakfield Rod,

Client Reference: 369409
Report Date: 30 November 2021
Our Ref: R44010

Sub Sample	Species Identified	Root Diameter	Starch
TP1:			
USF	<i>Acer</i> spp.	1 12 mm	Abundant
BH1:			
to 1.5m	<i>Acer</i> spp.	1 3 mm	Abundant

Comments:

1 - Plus 4 others also identified as *Acer* spp.

Acer spp. are maples, including sycamore, Norway maple, and Japanese maples.

Signed: M D Mitchell

Unless we are otherwise instructed in writing, the above sample material will normally be disposed of 6 years after the date of this report.



Coding Sheet		Sheet:	1	Site:	5 OAKFIELD ROAD			
		Job No.:	369409					
		Date:	25/11/2021	Client:	SEDGWICK INTERNATIONAL UK			

Run:	1								
From:	MH1		Invert Level:	425		Direction:	U/S		
To:	int svp		Invert Level:			Function:	F/W		
Pipe Material:	VC		Pipe Dia:	100					
Water/Pressure Test:			Drain Break-In:	No		Gully Condition:			
Distance (m)	Code	Clock Ref at to	Dia mm	Intrusion %	mm	Shared Run:	Yes		
						If Shared How:	With flats		
0.00	ST					Remarks	Surface Material	Length (m)	
1.10	CC	12	6			Crack circumferential	concrete	1.4	
1.10	CL	12	0			Crack longitudinal	concrete steps	1	
1.10	CL	6	0			Crack longitudinal	under x3	5.3	
1.70	RFJ					Roots fine at joint			
2.10	RFJ					Roots fine at joint			
2.30	H	7	0			Hole in sewer			
2.30	CL	3	0			Crack longitudinal			
2.30	CL	6	0			Crack longitudinal			
6.50	CN	12	0			Connection at			
7.00	CN	1	0			Connection at			
7.40	LU					Line deviates up			
7.70	FH					reached svp			
Comments:									

Run:	2								
From:	MH1		Invert Level:	425		Direction:	U/S		
To:	wg		Invert Level:			Function:	F/W		
Pipe Material:	VC		Pipe Dia:	100					
Water/Pressure Test:			Drain Break-In:	No		Gully Condition:	As Built		
Distance (m)	Code	Clock Ref at to	Dia mm	Intrusion %	mm	Shared Run:	Yes		
						If Shared How:	With flats		
0.00	ST					Remarks	Surface Material	Length (m)	
0.00	DEG			10		Debris grease	concrete	2.4	
1.80	DEG			50		Debris grease			
1.90	WL			50		Water level			
2.40	LU					Line deviates up			
2.40	FH					reached wg			
Comments:									
hard to see last part.too much grease.									

Run:	3								
From:			MH1	Invert Level:	425		Direction:	D/S	
To:			MH2 and front	Invert Level:			Function:	Comb	
Pipe Material:			VC	Pipe Dia:	100				
Water/Pressure Test:				Drain Break-In:	No		Gully Condition:		
Distance (m)	Code	Clock Ref at	to	Dia mm	Intrusion %	mm	Shared Run: If Shared How:	Yes With flats	
0.00	ST						Remarks	Surface Material	Length (m)
0.00	LL						Line deviates left	concrete	5
0.80	CC	12	12				Crack circumferential		
0.80	RFJ						Roots fine at joint		
1.60	JN	10	0				to rwg1		
2.00	JDM						Joint displaced medium		
2.00	RFJ						Roots fine at joint		
2.30	JDM						Joint displaced medium		
2.30	RFJ						Roots fine at joint		
2.40	FL	2	0				Fracture longitudinal	under buildings	7.1
2.50	FC	12	12				Fracture circumferential		
2.50	WL				10		Water level		
2.70	B	12	12				Broken pipe at		
2.70	CL	11	0				Crack longitudinal		
2.70	RFJ						Roots fine at joint		
3.00	CL	1	0				Crack longitudinal		
3.20	RFJ						Roots fine at joint		
3.20	B	11	1				Broken pipe at		
3.50	B	12	12				Broken pipe at		
4.00	MH						mh2		
5.00	CC	12	12				Crack circumferential		
5.50	CL	3	0				Crack longitudinal		
5.50	RFJ						Roots fine at joint		
5.60	RFJ						Roots fine at joint		
5.70	ESH	3	9		30		Scale heavy		
5.70	WL				10		Water level		
5.70	CC	12	12				Crack circumferential		
6.20	JN	9	0				?		
8.40	JN	3	0				to rwg2		
10.40	DE				10		Debris		
12.10	FH						3m passed x1		
Comments:									

Run:	4								
From:			rwg1	Invert Level:			Direction:	D/S	
To:			run3	Invert Level:			Function:	S/W	
Pipe Material:			VC	Pipe Dia:	100				
Water/Pressure Test:				Drain Break-In:	Yes		Gully Condition:	As Built	
Distance (m)	Code	Clock Ref at	to	Dia mm	Intrusion %	mm	Shared Run: If Shared How:	Yes With flats	
0.00	ST						Remarks	Surface Material	Length (m)
0.50	LL						Line deviates left	concrete	0.7
0.60	JDL						Joint displaced large		
0.70	FH						reached run3		
Comments:									

Run:	5								
From:			rwg2	Invert Level:			Direction:	D/S	
To:			run3	Invert Level:			Function:	S/W	
Pipe Material:			VC	Pipe Dia:		100			
Water/Pressure Test:				Drain Break-In:		Yes	Gully Condition:	blocked 100%	
Distance (m)	Code	Clock Ref at to		Dia mm	Intrusion % mm		Shared Run:	Yes	
							If Shared How:	With flats	
0.00	ST						Remarks	Surface Material	Length (m)
0.00	LD						Line deviates down	concrete	0.5
0.10	JDL						Joint displaced large	under x1	2.1
1.00	DE				10		Debris		
1.80	JDM						Joint displaced medium		
2.60	FH						reached run3		
Comments:									

To: Sedgwick International
Subsidence Scanning Centre
Ground Floor
Fountain Court
West Yorkshire
LS27 0JG

Our Ref: **369409**
Your Ref: **0**
Date: **1-Dec-21**

Ftiao: 0

ESTIMATE

Site:- 5 Oakfield Road

Item		Amount
1.0	Location Shared System Condition Grade Drain Serviceability Work Spec	MH1 upstream to int. SVP - Run 1 No B Unserviceable From manhole excavate and replace 2.3m of pipe work upstream(will be very close to rear of property and steps will need removing).
2.0	Location Shared System Condition Grade Drain Serviceability Work Spec	MH1 downstream - Run 3. No B Unserviceable From manhole 1 excavate and replace pipe work downstream to manhole 2. From manhole 2 HPWJ to clear roots and line downstream 2 metres.
3.0	Location Shared System Condition Grade Drain Serviceability Work Spec	RWG1 downstream - Run 4 No B Unserviceable Excavate and replace gully plus pipe work to run 3.
4.0	Location Shared System Condition Grade Drain Serviceability Work Spec	RWG2 downstream - Run 5 No B Unserviceable Excavate and replace gully plus 0.5m of pipe work and then HPWJ and line run to run 3 with flexi liner.

Notes

Repairs to shared runs and off boundary pipe-work may be the responsibility of the water authority.

Total £2,970.50

Condition Grade

- A - Structurally sound with no leakage evident.
B - Cracks and fractures observed.
C - Structurally unsound

plus VAT @20% £594.10
Total + VAT £3,564.60

Quotation is binding only if accepted within 28 days from date of issue and is subject to our Standard Terms and Conditions
The price qualification notes, stated on the drainage solutions schedule of rates, apply to this quotation.
CET Structures Ltd undertakes to return to site free of charge to carry out remedial work to the drainage repairs set out above for a period of 2 months from the date of this invoice. The company standard charge rates will apply to the visit should the work requested be unrelated to the said repairs.

ESTIMATING & COSTING SHEET - DOMESTIC DRAINAGE

Site:-

5 Oakfield Road

Client :-

Sedgwick International

Attention of:-

Client ref	
Job Number :-	369409
Insurer	
Date:-	1-Dec-21
Recommendation	1

Item No	Description	Unit	Quantity	Rate (£)	Price (£)
	MHI upstream to int. SVP - Run 1				
1.0	Emergency Drain Blockage Clearance				
1.1	Unblock drain 8am-6pm - First 1/2 Hour	Item		£70.00	£0.00
1.2	Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item		£30.00	£0.00
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.00
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.00
2.1	CCTV Surveys				
2.2	Undertake CCTV survey 8am-6pm (up to 3 hours)	Item		£130.00	£0.00
2.3	Additional 1/2 hr survey charge	Item		£30.00	£0.00
3.0	Replacing Underground Drainage				
3.1	Gullies				
3.2	Take out and replace gully (100mm outlet)	Item		£130.00	£0.00
3.3	Take out and replace rodding point (100mm outlet)	Item		£90.00	£0.00
3.4	Bends/junctions				
3.5	Excavate and replace rest bend (100mm outlet)	Item		£90.00	£0.00
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.00
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item	1	£70.00	£70.00
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item		£70.00	£0.00
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.13	Pipes				
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m	3	£95.00	£285.00
3.15	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.	m		£120.00	£0.00
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m.	m		£95.00	£0.00
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m		£120.00	£0.00
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.00
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£160.00	£0.00
3.20	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m		£150.00	£0.00
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m		£160.00	£0.00
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£270.00	£0.00
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£290.00	£0.00
3.24	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m		£250.00	£0.00
3.25	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m		£270.00	£0.00
3.26	Surface Reinstatement of Trenches				
3.27	Excavate through and reinstate turf.			£0.00	£0.00
3.28	Excavate through and replace concrete paving slabs	m		£30.00	£0.00
3.29	Excavate through and replace block paving	m		£50.00	£0.00
3.30	Excavate through and reinstate plain concrete, maximum thickness 100mm.	m	3	£47.00	£141.00
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m		£95.00	£0.00
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm.	m		£90.00	£0.00
3.33	Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m		£115.00	£0.00
3.34	Excavate through and reinstate Tarmac - Cold rolled	m		£48.00	£0.00
3.35	Excavate through and reinstate Tarmac - Hot rolled	m		POA	
3.36	Reinstatement of crazy paving	m		£75.00	£0.00
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item		£290.00	£0.00
4.2	Line 100mmØ drain	m		£50.00	£0.00
	Super Flex Liner 100mm drain	m		£90.00	£0.00
4.3	Line 150mmØ drain	m		£70.00	£0.00
	Super Flex Liner 150mm drain	m		£110.00	£0.00
4.4	Post lining CCTV survey	no		£100.00	£0.00
4.5	Minimum lining charge	Item		£290.00	£0.00
4.6	Root cutting of drain prior to lining	hr		£65.00	£0.00
4.7	Set up lining rig for patch lining	Item		£0.00	£0.00
4.8	Patch line 100mmØ drain	no		£250.00	£0.00
4.9	Patch line 150mmØ drain	no		£280.00	£0.00
4.10	Post patch lining CCTV survey	Item		£100.00	£0.00
4.11	Minimum patch lining charge	Item		£250.00	£0.00
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm	no		£190.00	£0.00
4.13	Re-open lateral branch over 2m length, pipe up to 150mm	no		£280.00	£0.00
	Epoxy resin	no		£22.00	£0.00
5.0	Miscellaneous				
5.1	Excavation and backfill of soakaway (1m3) with stone	Item		£400.00	£0.00
5.2	% Uplift on disbursements and suppliers charges	%		1.25	£0.00
5.3	Daywork - Hourly labour rate	hr		£30.00	£0.00
5.4	Minimum project value	Item		£346.50	£0.00
5.5					£0.00
5.6					£0.00
5.7					£0.00
5.8					£0.00
6.0	Additional items				
6.1	De-scaling (fat/grime)	hr		£65.00	£0.00
6.2	De-scaling (scale using chain flails)	hr		£90.00	£0.00
6.3	Gully surround	item		£30.00	£0.00
6.4	Manhole works (up to 1.2m)	item		£80.00	£0.00
6.6	Oversize soakaway (1.5m3)	item		£600.00	£0.00
6.7	Soakaway >1.5m3	item		POA	
6.8	Waste disposal	m	3	£20.00	£60.00
6.9	Shoring	m	0	£40.00	£0.00
Total Estimate Price For Recommendation Number			1.0		£556.00
Subject to discount			0.00		£0.00
Total subject to VAT @ 20%					£556.00

Note: Subject to the attached Terms and Conditions

A - When calculating prices, all measurements are rounded up

C - Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed

G - Daywork rates do not include for materials that are charged at cost plus 25%

KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour

B - Depths are taken to the base of excavations

D - All rates exclude VAT

F - The above rates are subject to re-measurement

E - Depths are taken to the base of excavations

ESTIMATING & COSTING SHEET - DOMESTIC DRAINAGE

Site:-

5 Oakfield Road

Client :-

Sedgwick International

Attention of:-

Client ref	
Job Number :-	369409
Insurer	
Date:-	1-Dec-21
Recommendation	2

Item No	Description	Unit	Quantity	Rate (£)	Price (£)
	MH1 downstream - Run 3.				
1.0	Emergency Drain Blockage Clearance				
1.1	Unblock drain 8am-6pm - First 1/2 Hour	Item		£70.00	£0.00
1.2	Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item		£30.00	£0.00
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.00
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.00
2.1	CCTV Surveys				
2.2	Undertake CCTV survey 8am-6pm (up to 3 hours)	Item		£130.00	£0.00
2.3	Additional 1/2 hr survey charge	Item		£30.00	£0.00
3.0	Replacing Underground Drainage				
3.1	Gullies				
3.2	Take out and replace gully (100mm outlet)	Item		£130.00	£0.00
3.3	Take out and replace rodding point (100mm outlet)	Item		£90.00	£0.00
3.4	Bends/junctions				
3.5	Excavate and replace rest bend (100mm outlet)	Item		£90.00	£0.00
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.00
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item	2	£70.00	£140.00
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item		£70.00	£0.00
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.13	Pipes				
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m	4	£95.00	£380.00
3.15	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.	m		£120.00	£0.00
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m.	m		£95.00	£0.00
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m		£120.00	£0.00
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.00
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£160.00	£0.00
3.20	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m		£150.00	£0.00
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m		£160.00	£0.00
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£270.00	£0.00
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£290.00	£0.00
3.24	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m		£250.00	£0.00
3.25	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m		£270.00	£0.00
3.26	Surface Reinstatement of Trenches				
3.27	Excavate through and reinstate turf.			£0.00	£0.00
3.28	Excavate through and replace concrete paving slabs	m		£30.00	£0.00
3.29	Excavate through and replace block paving	m		£50.00	£0.00
3.30	Excavate through and reinstate plain concrete, maximum thickness 100mm.	m	4	£47.00	£188.00
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m		£95.00	£0.00
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm.	m		£90.00	£0.00
3.33	Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m		£115.00	£0.00
3.34	Excavate through and reinstate Tarmac - Cold rolled	m		£48.00	£0.00
3.35	Excavate through and reinstate Tarmac - Hot rolled	m		POA	
3.36	Reinstatement of crazy paving	m		£75.00	£0.00
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item	1	£290.00	£290.00
4.2	Line 100mmØ drain	m		£50.00	£0.00
	Super Flex Liner 100mm drain	m		£90.00	
4.3	Line 150mmØ drain	m		£70.00	£0.00
	Super Flex Liner 150mm drain	m		£110.00	
4.4	Post lining CCTV survey	no	1	£100.00	£100.00
4.5	Minimum lining charge	Item		£290.00	£0.00
4.6	Root cutting of drain prior to lining	hr	1	£65.00	£65.00
4.7	Set up lining rig for patch lining	Item		£0.00	£0.00
4.8	Patch line 100mmØ drain	no		£250.00	£0.00
4.9	Patch line 150mmØ drain	no		£280.00	£0.00
4.10	Post patch lining CCTV survey	Item		£100.00	£0.00
4.11	Minimum patch lining charge	Item		£250.00	£0.00
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm	no		£190.00	£0.00
4.13	Re-open lateral branch over 2m length, pipe up to 150mm	no		£280.00	£0.00
	Epoxy resin	no		£22.00	
5.0	Miscellaneous				
5.1	Excavation and backfill of soakaway (1m3) with stone	Item		£400.00	£0.00
5.2	% Uplift on disbursements and suppliers charges	%		£1.25	£0.00
5.3	Daywork - Hourly labour rate	hr		£30.00	£0.00
5.4	Minimum project value	Item		£346.50	£0.00
5.5	Sonde location equipment	Item		£99.00	£0.00
5.6				£0.00	£0.00
5.7				£0.00	£0.00
5.8				£0.00	£0.00
6.0	Additional items				
6.1	De-scaling (fat/grime)	hr		£65.00	£0.00
6.2	De-scaling (scale using chain flails)	hr		£90.00	£0.00
6.3	Gully surround	item		£30.00	£0.00
6.4	Manhole works (up to 1.2m)	item		£80.00	£0.00
6.6	Oversize soakaway (1.5m3)	item		£600.00	£0.00
6.7	Soakaway >1.5m3	item		POA	
6.8	Waste disposal	m	4	£20.00	£80.00
6.9	Shoring	m		£40.00	£0.00
Total Estimate Price For Recommendation Number			2.0		£1,243.00
Subject to discount			0.00		£0.00
Total subject to VAT @ 20%					£1,243.00

Note: Subject to the attached Terms and Conditions

A - When calculating prices, all measurements are rounded up

C - Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed

G - Daywork rates do not include for materials that are charged at cost plus 25%

KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour

B - Depths are taken to the base of excavations

D - All rates exclude VAT

F - The above rates are subject to re-measurement

E - Depths are taken to the base of excavations

ESTIMATING & COSTING SHEET - DOMESTIC DRAINAGE

Site:-

5 Oakfield Road

Client :-

Sedgwick International

Attention of:-

Client ref	
Job Number :-	369409
Insurer	
Date:-	1-Dec-21
Recommendation	3

Item No	Description	Unit	Quantity	Rate	Price
	RWG1 downstream - Run 4			(£)	(£)
1.0	Emergency Drain Blockage Clearance				
1.1	Unblock drain 8am-6pm - First 1/2 Hour	Item		£70.00	£0.00
1.2	Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item		£30.00	£0.00
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.00
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.00
2.1	CCTV Surveys				
2.2	Undertake CCTV survey 8am-6pm (up to 3 hours)	Item		£130.00	£0.00
2.3	Additional 1/2 hr survey charge	Item		£30.00	£0.00
3.0	Replacing Underground Drainage				
3.1	Gullies				
3.2	Take out and replace gully (100mm outlet)	Item	1	£130.00	£130.00
3.3	Take out and replace rodding point (100mm outlet)	Item		£90.00	£0.00
3.4	Bends/junctions				
3.5	Excavate and replace rest bend (100mm outlet)	Item		£90.00	£0.00
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.00
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item	2	£70.00	£140.00
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item		£70.00	£0.00
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.13	Pipes				
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m	1	£95.00	£95.00
3.15	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.	m		£120.00	£0.00
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m.	m		£95.00	£0.00
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m		£120.00	£0.00
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.00
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£160.00	£0.00
3.20	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m		£150.00	£0.00
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m		£160.00	£0.00
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£270.00	£0.00
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£290.00	£0.00
3.24	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m		£250.00	£0.00
3.25	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m		£270.00	£0.00
3.26	Surface Reinstatement of Trenches				
3.27	Excavate through and reinstate turf.			£0.00	£0.00
3.28	Excavate through and replace concrete paving slabs	m		£30.00	£0.00
3.29	Excavate through and replace block paving	m		£50.00	£0.00
3.30	Excavate through and reinstate plain concrete, maximum thickness 100mm.	m	1	£47.00	£47.00
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m		£95.00	£0.00
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm.	m		£90.00	£0.00
3.33	Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m		£115.00	£0.00
3.34	Excavate through and reinstate Tarmac - Cold rolled	m		£48.00	£0.00
3.35	Excavate through and reinstate Tarmac - Hot rolled	m		POA	
3.36	Reinstatement of crazy paving	m		£75.00	£0.00
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item		£290.00	£0.00
4.2	Line 100mmØ drain	m		£50.00	£0.00
	Super Flex Liner 100mm drain	m		£90.00	
4.3	Line 150mmØ drain	m		£70.00	£0.00
	Super Flex Liner 150mm drain	m		£110.00	
4.4	Post lining CCTV survey	no		£100.00	£0.00
4.5	Minimum lining charge	Item		£290.00	£0.00
4.6	Root cutting of drain prior to lining	hr		£65.00	£0.00
4.7	Set up lining rig for patch lining	Item		£0.00	£0.00
4.8	Patch line 100mmØ drain	no		£250.00	£0.00
4.9	Patch line 150mmØ drain	no		£280.00	£0.00
4.10	Post patch lining CCTV survey	Item		£100.00	£0.00
4.11	Minimum patch lining charge	Item		£250.00	£0.00
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm	no		£190.00	£0.00
4.13	Re-open lateral branch over 2m length, pipe up to 150mm	no		£280.00	£0.00
	Epoxy resin	no		£22.00	
5.0	Miscellaneous				
5.1	Excavation and backfill of soakaway (1m3) with stone	Item		£400.00	£0.00
5.2	% Uplift on disbursements and suppliers charges	%		£1.25	£0.00
5.3	Daywork - Hourly labour rate	hr		£30.00	£0.00
5.4	Minimum project value	Item		£346.50	£0.00
5.5				£0.00	£0.00
5.6				£0.00	£0.00
5.7				£0.00	£0.00
5.8				£0.00	£0.00
6.0	Additional items				
6.1	De-scaling (fat/grime)	hr		£65.00	£0.00
6.2	De-scaling (scale using chain flails)	hr		£90.00	£0.00
6.3	Gully surround	item		£30.00	£0.00
6.4	Manhole works (up to 1.2m)	item		£80.00	£0.00
6.6	Oversize soakaway (1.5m3)	item		£600.00	£0.00
6.7	Soakaway >1.5m3	item		POA	
6.8	Waste disposal	m	1	£20.00	£20.00
6.9	Shoring	m		£40.00	£0.00
Total Estimate Price For Recommendation Number			3.0		£432.00
Subject to discount			0.00		£0.00
Total subject to VAT @ 20%					£432.00
Note: Subject to the attached Terms and Conditions A - When calculating prices, all measurements are rounded up C - Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed G - Daywork rates do not include for materials that are charged at cost plus 25% KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour B - Depths are taken to the base of excavations D - All rates exclude VAT F - The above rates are subject to re-measurement E - Depths are taken to the base of excavations					

ESTIMATING & COSTING SHEET - DOMESTIC DRAINAGE

Site:-

5 Oakfield Road

Client :-

Sedgwick International

Attention of:-

Client ref	
Job Number :-	369409
Insurer	
Date:-	1-Dec-21
Recommendation	4

Item No	Description	Unit	Quantity	Rate (£)	Price (£)
	RWG2 downstream - Run 5				
1.0	Emergency Drain Blockage Clearance				
1.1	Unblock drain 8am-6pm - First 1/2 Hour	Item		£70.00	£0.00
1.2	Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item		£30.00	£0.00
1.3	Unblock drain 6pm-midnight	Item		£100.00	£0.00
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item		£35.00	£0.00
2.1	CCTV Surveys				
2.2	Undertake CCTV survey 8am-6pm (up to 3 hours)	Item		£130.00	£0.00
2.3	Additional 1/2 hr survey charge	Item		£30.00	£0.00
3.0	Replacing Underground Drainage				
3.1	Gullies				
3.2	Take out and replace gully (100mm outlet)	Item	1	£130.00	£130.00
3.3	Take out and replace rodding point (100mm outlet)	Item		£90.00	£0.00
3.4	Bends/junctions				
3.5	Excavate and replace rest bend (100mm outlet)	Item		£90.00	£0.00
3.6	Excavate and replace rest bend (150mm outlet)	Item		£120.00	£0.00
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item	2	£70.00	£140.00
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item		£70.00	£0.00
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item		£70.00	£0.00
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item		£70.00	£0.00
3.13	Pipes				
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m	0.5	£95.00	£47.50
3.15	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.	m		£120.00	£0.00
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m.	m		£95.00	£0.00
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m		£120.00	£0.00
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£150.00	£0.00
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m		£160.00	£0.00
3.20	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m		£150.00	£0.00
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m		£160.00	£0.00
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£270.00	£0.00
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m		£290.00	£0.00
3.24	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m		£250.00	£0.00
3.25	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m		£270.00	£0.00
3.26	Surface Reinstatement of Trenches				
3.27	Excavate through and reinstate turf.			£0.00	£0.00
3.28	Excavate through and replace concrete paving slabs	m		£30.00	£0.00
3.29	Excavate through and replace block paving	m		£50.00	£0.00
3.30	Excavate through and reinstate plain concrete, maximum thickness 100mm.	m	1	£47.00	£47.00
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m		£95.00	£0.00
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm.	m		£90.00	£0.00
3.33	Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m		£115.00	£0.00
3.34	Excavate through and reinstate Tarmac - Cold rolled	m		£48.00	£0.00
3.35	Excavate through and reinstate Tarmac - Hot rolled	m		POA	
3.36	Reinstatement of crazy paving	m		£75.00	£0.00
4.0	Lining				
4.1	Set up lining rig for drain lining including first 3m of lining per run, for 100mm or 150mm	Item	1	£290.00	£290.00
4.2	Line 100mmØ drain	m		£50.00	£0.00
	Super Flex Liner 100mm drain	m		£90.00	
4.3	Line 150mmØ drain	m		£70.00	£0.00
	Super Flex Liner 150mm drain	m		£110.00	
4.4	Post lining CCTV survey	no		£100.00	£0.00
4.5	Minimum lining charge	Item		£290.00	£0.00
4.6	Root cutting of drain prior to lining	hr		£65.00	£0.00
4.7	Set up lining rig for patch lining	Item		£0.00	£0.00
4.8	Patch line 100mmØ drain	no		£250.00	£0.00
4.9	Patch line 150mmØ drain	no		£280.00	£0.00
4.10	Post patch lining CCTV survey	Item		£100.00	£0.00
4.11	Minimum patch lining charge	Item		£250.00	£0.00
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm	no		£190.00	£0.00
4.13	Re-open lateral branch over 2m length, pipe up to 150mm	no		£280.00	£0.00
	Epoxy resin	no		£22.00	
5.0	Miscellaneous				
5.1	Excavation and backfill of soakaway (1m3) with stone	Item		£400.00	£0.00
5.2	% Uplift on disbursements and suppliers charges	%		£1.25	£0.00
5.3	Daywork - Hourly labour rate	hr		£30.00	£0.00
5.4	Minimum project value	Item		£346.50	£0.00
5.5				£0.00	£0.00
5.6				£0.00	£0.00
5.7				£0.00	£0.00
5.8				£0.00	£0.00
6.0	Additional items				
6.1	De-scaling (fat/grime)	hr	1	£65.00	£65.00
6.2	De-scaling (scale using chain flails)	hr		£90.00	£0.00
6.3	Gully surround	item		£30.00	£0.00
6.4	Manhole works (up to 1.2m)	item		£80.00	£0.00
6.6	Oversize soakaway (1.5m3)	item		£600.00	£0.00
6.7	Soakaway >1.5m3	item		POA	
6.8	Waste disposal	m	1	£20.00	£20.00
6.9	Shoring	m		£40.00	£0.00
Total Estimate Price For Recommendation Number			4.0		£739.50
Subject to discount			0.00		£0.00
Total subject to VAT @ 20%					£739.50
Note: Subject to the attached Terms and Conditions A - When calculating prices, all measurements are rounded up C - Every effort will be made to match existing surfaces where disturbed although this cannot be guaranteed G - Daywork rates do not include for materials that are charged at cost plus 25% KEY: ne = not exceeding, eo = extra over rate, m = linear metre, nr = number, hr = hour B - Depths are taken to the base of excavations D - All rates exclude VAT F - The above rates are subject to re-measurement E - Depths are taken to the base of excavations					

CET STRUCTURES LTD TERMS AND CONDITIONS

Site:- 5 Oakfield Road

Client Ref:-

Client :- Sedgwick International

Job Number:- 369409

Attention of:-

Insurer:-

Date:- 1-Dec-21

General Terms and Conditions

- 1 On site parking is a prerequisite of any drain repair contract. This quotation is to the addressee only and should not be forwarded unless prior agreement is obtained from CET Structures Ltd. Every effort will be made to match existing surfaces however, there will be evidence of excavation works in certain circumstances.
- 2 The rates do not include for excavation of surfaces other than soft ground or concrete < 100mm thick; reinstatement other than concrete <100mm thick; internal excavations; reinstatement >750mm in width; excavation of depths greater than 1.2m; reinforced concrete.
- 3 CET's standard soakaway that is priced on the agreed alliance schedule of drainage rates is constructed to dimensions specified in the NHBC Guidelines for small soakaways. The soakaway is generally located 5m from any foundations (should site constraints permit) and is constructed to provide adequate short term surface water storage and percolation into surrounding ground. This small 1m³ soakaway is usually of sufficient capacity to accommodate average rainfall from an average surface area of roof space, however in extreme weather conditions and /or larger than average roof surface area feeding the soakaway, surcharging may occur. Alternative designs and prices are available at a cost along with percolation testing. Certain ground conditions may not be suitable for soakaway design due to low permeability and this information is not always readily available.

Notes

For excavation and reinstatement of any steps, will be done on day work rate.

With a minimum of 4 hours. Materials at cost plus 25%.

Any obstacles, shrubs & plants that are located in the working area will need to be removed by others to allow for these works

Water Authority Sewer Condition Codes

B	Broken pipe at... (or from... to..) o'clock	JN	Junction at...o'clock, diameter...mm
BR	Branch Major	JX	Junction defective at.. o'clock, diameter.. mm
CC	Crack circumferential from... to... o'clock	LC	Lining of sewer changes/starts/finishes at this
CL	Crack longitudinal @... o'clock	LD	Line of sewer deviates down
CM	Cracks multiple from... to... o'clock	LL	Line of sewer deviates left
CN	Connection at... o'clock, diameter... mm	LN	Line defect at (or from.. to..) o'clock
CNI	Connection at... o'clock, diameter... mm, intrusion... mm	LR	Line of sewer deviates right
CU	Camera under water	LU	Line of sewer deviates up
CX	Connection defective at... o'clock	MB	Missing bricks at.. (or from.. to..) o'clock
CXI	Connection defective at... o'clock, diameter... mm, intrusion... mm	MC	Material of sewer changes at this point
D	Deformed sewer... %	MH	Manhole/node
DB	Displaced bricks at (or from.. to..) o'clock	MM	Mortar missing medium at.. (or from.. to..) o'clock
DC	Dimension of sewer changes at this point	MS	Mortar missing surface at.. (or from.. to..) o'clock
DE	Debris (non silt/grease)... % cross-sectional loss	MT	Mortar missing total at.. (or from.. to..) o'clock
DEG	Debris grease... % cross-sectional area loss	OB	Obstruction... % height/diameter loss
DES	Debris silt... % cross-sectional area loss	OJL	Open joint large
DI	Dropped invert, gap... mm	OJM	Open joint medium
EHJ	Encrustation heavy from.. to.. o'clock % cross-sectional area loss (at joint)	PC	Length of pipe forming sewer changes at this new length...mm
ELJ	Encrustation light from.. to.. o'clock%	RFJ	Roots fine (at joint)
EMJ	Encrustation medium from.. to.. o'clock %, cross-sectional area loss (at joint)	RMJ	Roots mass... % cross-sectional area loss (at joint)
ESH	Scale heavy... % cross-sectional area loss from... to... o'clock	RTJ	Roots tap (at joint)
ESL	Scale light from... to... o'clock	SA	Survey abandoned
ESM	Scale medium... % cross-sectional area loss from... to... o'clock	SC	Shape of sewer changes at this point
FC	Fracture circumferential from... to... o'clock	SSL	Surface damage, spalling large at (or from.. to..) o'clock
FL	Fracture longitudinal at... o'clock	SSM	Surface damage, spalling medium at (or from.. to..) o'clock
FM	Fractures multiple from... to... o'clock	SSS	Surface damage, spalling slight at (or from.. to..) o'clock
GO	General observation at this point	SWL	Surface damage, wear large at... (or from.. to..) o'clock
GP	General photograph number... taken at this point	SWM	Surface damage, wear medium at... (or from.. to..) o'clock
H	Hole in sewer at... o'clock	SWS	Surface damage, wear slight at.. (or from.. to..) o'clock
IDJ	Infiltration dripper at (or from... to...) o'clock (at joint)	V	Vermin (rats and mice)
IGJ	Infiltration gusher at (or from... to...) o'clock (at joint)	WL	Water level... % height/diameter
IRJ	Infiltration runner at (or from... to...) o'clock (at joint)	X	Sewer collapsed... % cross-sectional area loss
ISJ	Infiltration seeper at (or from... to...) o'clock (at joint)	FH	End of survey
JDM	Joint displaced medium		
JDL	Joint displaced large		