



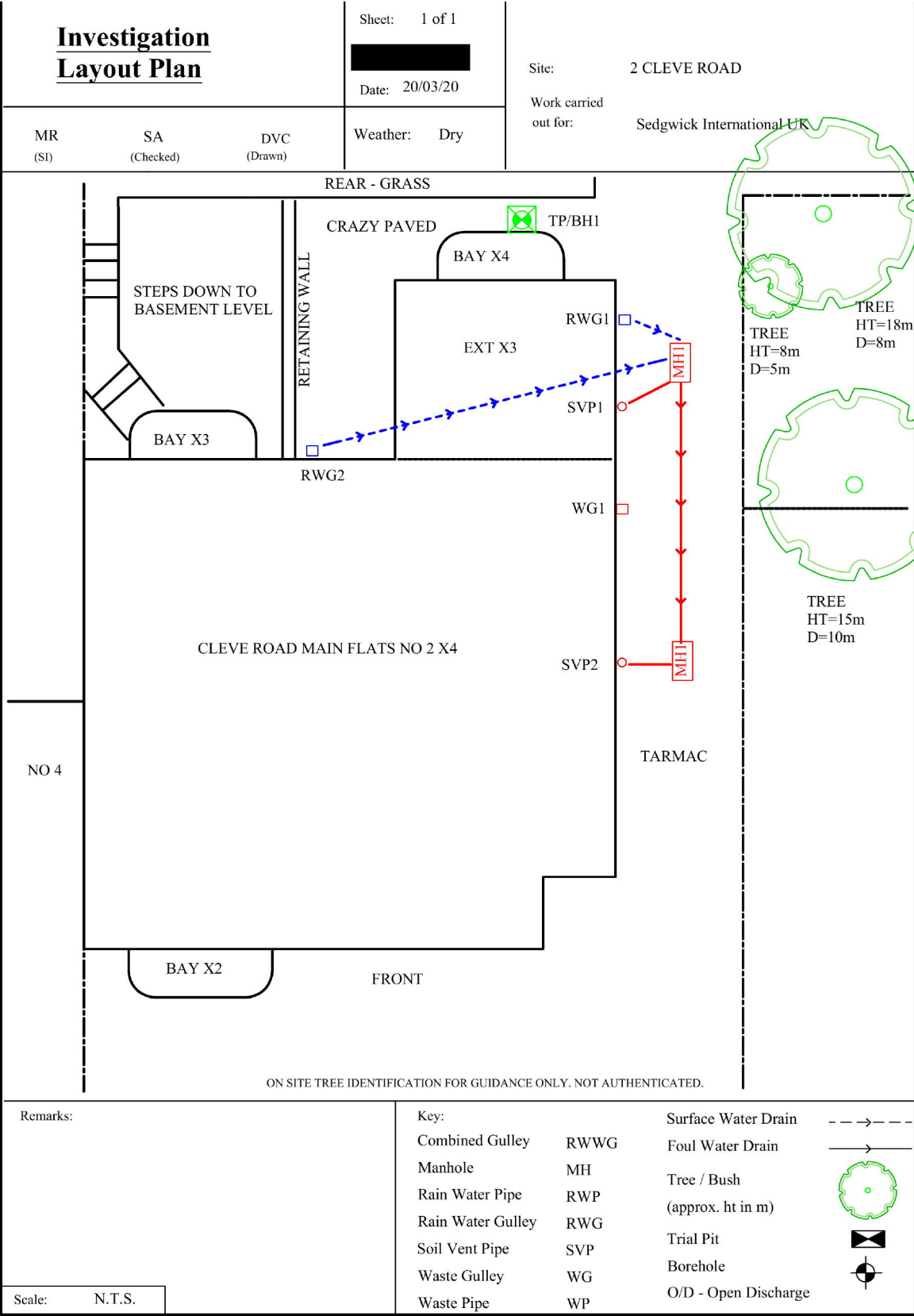
SITE INVESTIGATION FACTUAL REPORT

Report No: [REDACTED]
Client: Sedgwick International UK - Maidstone
Site: 2 Cleve Road, London
Client Ref: [REDACTED]
Date of Visit: 20/03/2020



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





**PROPERTY
ASSURANCE**
Giving our all

Trial Pit

TP1

20/03/2020

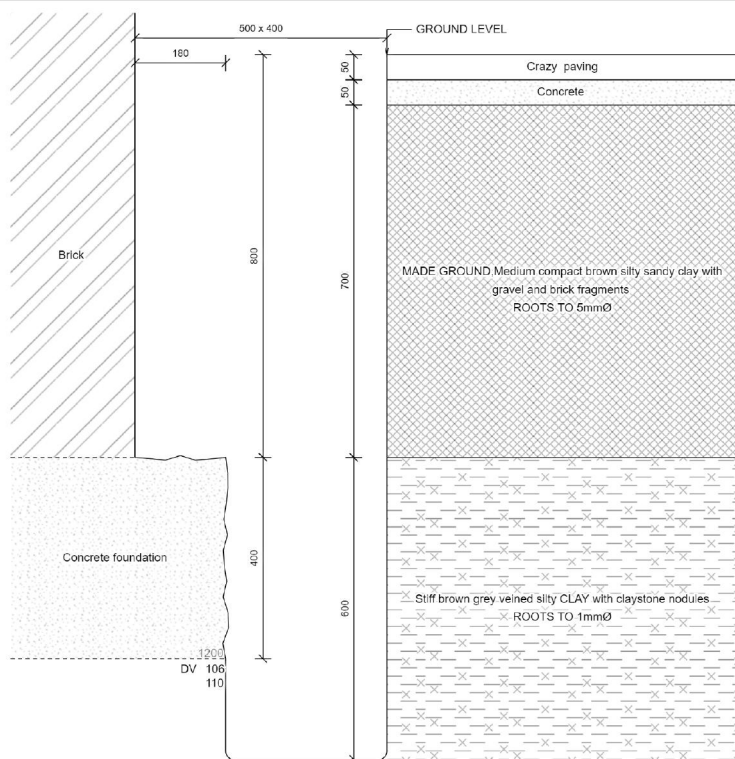
Sedgwick International UK

SITE: 2 Cleve Road

114

WEATHER: Clear

Hand tools



For Strata below 1400mm 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.

For and on behalf of CET
Scott Alger - Lab

Report Format:

Approved Signatory
23-Mar-20

Borehole		1		Sheet:	1 of 1	Site:	2 Cleve Road																
Boring Method:		Hand Auger		Job No:																			
Diameter (mm):		75	Weather:	dry	Date:	20/03/2020	Client:	Sedgwick International UK - Maidstone															
Ground Level:																							
Depth	Soil Description								Samples and Tests														
(m)									Thickness	Legend	Depth	Type	Result										
0.00	See Trial Pit								1.40														
1.40	Stiff brown-grey veined silty CLAY with claystone nodules								2.10	X — X													
										X — X	1.50	DV	112										
										X — X			120										
										X — X													
										X — X													
										X — X	2.00	DV	118										
										X — X			124										
										X — X													
										X — X													
										X — X													
										X — X	2.50	DV	120										
										X — X			116										
										X — X													
										X — X													
										X — X	3.00	DV	122										
										X — X			128										
										X — X													
										3.50	Very stiff brown-grey veined silty CLAY with claystone nodules								1.50	X — X	3.50	DV	150+
																				X — X			150+
X — X																							
X — X																							
X — X																							
X — X	4.00	DV	150+																				
X — X			150+																				
X — X																							
X — X																							
X — X	4.50	DV	150+																				
X — X			150+																				
5.00	End of BH									X — X	5.00	DV	150+										
										X — X			150+										
										X — X													
Remarks: BH ends at 5.0m.BH dry and open on completion,no roots observed below 3.0m.					Key: D - Disturbed Sample B - Bulk Sample W - Water Sample Roots J - Jar Sample Roots V - Pilcon Shear Vane (kPa) Roots M - Mackintosh Probe Depth to Water (m) TDTD - Too Dense To Drive					To Max Depth Dia (m) (mm)	3.00	1											
Logged:	IC	SA	Checked:	Approved:	Version	V1.0	28/01/16	N.T.S.															

Laboratory Summary Results

Our Ref : [REDACTED]

Location : 2, Cleve Road, London

Client: Sedgwick International UK - Maidstone

Address: [REDACTED]

Date Sampled: 20/03/2020

Date Received : 23/03/2020

Date Tested : 23/03/2020

Date of Report : 31/03/2020

Sample Ref TP/BH No	Depth (m)	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 Contact Time (h.)	Soil Sample Suction (kPa) [8]	Oedometer Strain [9]	Estimated Heave Potential (mm) [10]	In situ * Shear Vane Strength (kPa) [11]	Organic * Content (%) [12]	pH * Value [13]	Sulphate Content * (g/l)		Class
																		803	804	
1	U/S 1.20	D	35	<5	76	26	50	0.18	50	CV	168	97.8			108					
	1.5	D	30	<5											116					
	2.0	D	30	<5	72	25	47	0.10	47	CV	168	253			121					
	2.5	D	30	<5											118					
	3.0	D	31	<5	71	28	43	0.06	43	CV	168	294			125					
	3.5	D	32	<5											> 150					
	4.0	D	33	<5							168	217			> 150					
	4.5	D	32	<5											> 150					
	5.0	D	32	<5							168	397			> 150					

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

Test results reported relate only to the items tested.

This report shall not be reproduced except in full without approval of the laboratory.

[8] In-house method S16 adopted from BS 1377 : Part 4:1993

[9] In-house Test Procedure S17: One Dimensional Swell/Shrink Test

[10] Estimated Heave Potential (DH)

[11] Values of shear strength were determined in situ by CPT using

a Pileon hand vane or Geotest vane (GV).

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

[13] BS 1377 : Part 3 : 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 Grounds) August 2005

Note that if the SO₄ content falls into the DS-4 or DS-5 class, it would be prudent to consider the sample as falling into the DS-4M or DS-5M class respectively unless water soluble magnesium testing is undertaken to prove otherwise.

* These tests are not UKAS accredited.

Full reports can be provided upon request.

Key

D Disturbed sample (small)

B Disturbed sample (bulk)

U Undisturbed sample

W Groundwater sample

ENP Essentially Non-Plastic by inspection

US Underside of Foundation



Version: SB11 V1.6 - 26.02.19

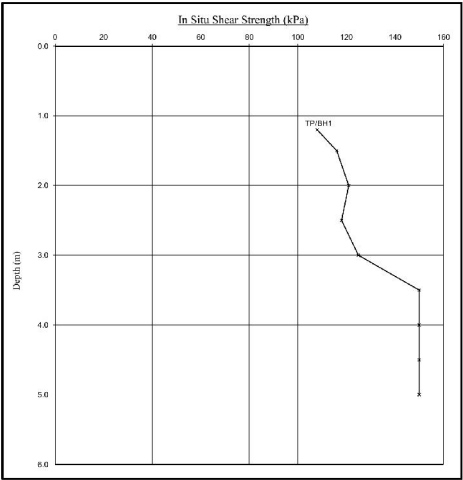
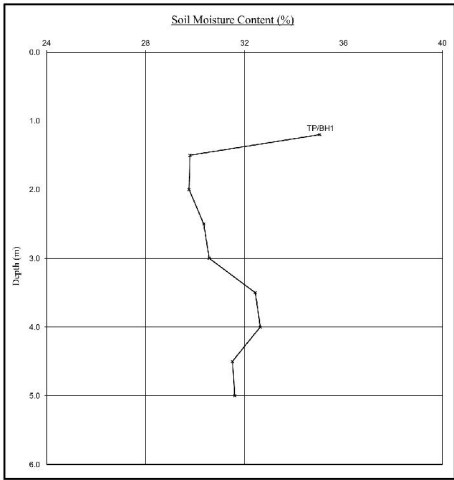
8618

Moisture Content Profiles

Our Ref: [redacted]
Location: 2, Cleve Road, London
Work carried out for: Sedgwick International UK - Maidstone

Shear Strength Profiles

Date Sampled: 20/03/2020
Date Received: 23/03/2020
Date Tested: 23/03/2020
Date of Report: 31/03/2020

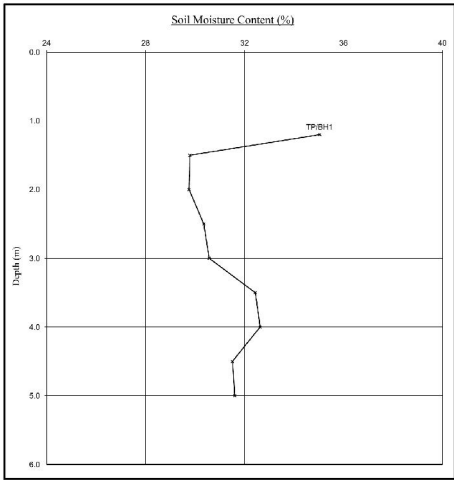


Notes:
1. If plotted, 0.4 LL and PI-2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clay) at shallow depths.
2. Unless specifically noted the profiles have not been related to a site datum.

Note:
1. Unless otherwise stated, values of Shear Strength were determined in situ by CPT using a Pileam Hand Vane the calibration of which is limited to a maximum reading of 150 kPa.
2. Unless specifically noted the profiles have not been related to a site datum.

Moisture Content Profiles

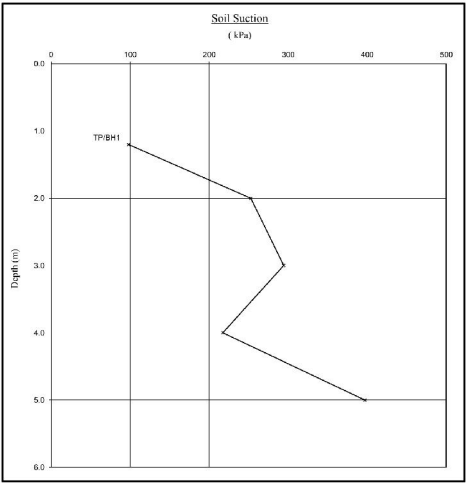
Our Ref: [redacted]
Location: 2, Cleve Road, London
Work carried out for: Sedgwick International UK - Maidstone



Notes:
1. If plotted, $0.4 I_L$ and $PI - 2$ (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.

Soil Suction Profiles

Date Sampled: 20/03/2020
Date Received: 23/03/2020
Date Tested: 23/03/2020
Date of Report: 31/03/2020



Note:
When shown, the theoretical equilibrium suction profile are based on conventional assumptions associated with London Clay (and similarly overconsolidated clays) at shallow depths. Note that the sample disturbance component is dependent on the method of sampling and any subsequent recompaction. The above plots show this to be 100kPa which is the value suggested by the BS7 on the basis of their limited number of tests on recompacted samples. This may or may not be appropriate in this instance and judgement should be exercised.

EPSL European Plant Science Laboratory	Sheet: 1 of 1	Site: 2 Cleve Road, Work carried out for: Sedgwick International UK
	Date: 27/03/2020	

Certificate of Analysis

The following work was commissioned by CET on behalf of their client. Root samples were obtained in sealed packets from the above site with no reference given as to the types of tree or shrub from which they may have originated.
 The results were as follows -

<u>Trial pit/ Borehole number</u>	<u>Root diameter (mm)</u>	<u>Tree, shrub or climber from which root originates</u>	<u>Result of starch test</u>
TP1 (USF)	1 mm	Aesculus spp.	Positive
TP1 (USF)	<1 mm	broadleaved species, too juvenile for positive identification *	Positive
BH1 (to 3m)	1.5 mm	probably Quercus spp. but possibly Castanea spp. 5 roots	Positive

* Possibly oak or sweet chestnut.

Aesculus spp. are horse chestnuts.
 Quercus spp. are oaks. Castanea spp. include sweet chestnut.


 GST

Head of Laboratory Services : M D Mitchell B.Sc. (Hons), M.Phil.
 Plant Anatomist : Dr G S Turner B.Sc. (Hons), M.Sc., Ph.D
 Plant Anatomist : Dr R J Shaw B.Sc. (Hons), Ph.D
 Consultant: Dr M P Denne B.Sc. (Hons), M.Sc., Ph.D

To: Sedgwick International UK - Maidstone



Date: 23-Mar-20

From: Michael Whittington

ESTIMATE

Site:- 2 Cleve Road, London

Item	
1.0	Location Mh 1 upstream to Rwg 1 - Run 1
	Shared System Yes with flats
	Condition Grade B
	Drain Serviceability Unserviceable
	Work Space From Mh 1 Hwaj to clear and line upstream to Rwg 1 with super flex liner.
2.0	Location MH 1 upstream to Rwg 2 - Run 2
	Shared System Yes with flats
	Condition Grade B
	Drain Serviceability Unserviceable
	Work Space From Mh 1 Hwaj to clear and patch line upstream at 5.5 meters.
3.0	Location Mh 1 downstream - Run 4
	Shared System Yes with flats
	Condition Grade B
	Drain Serviceability Unserviceable
	Work Space From Mh 1 Hwaj to clear and line (150mm) downstream to Mh 2. From Mh 2 line (150mm) downstream a further 4 meters. Install a structural liner in a localised format.



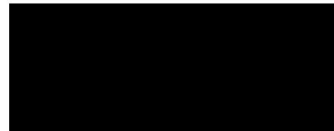
Notes

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

Condition Grade

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

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:-

2 Cleve Road, London

Client :-

Sedgwick International UK - Maidstone

Attention of:-

Michael Whittington

Client ref

Job Number :-

Insurer

Date:-

Recommendation

Broadspire TPA

23-Mar-20

1

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

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:-

2 Cleve Road, London

Client :-

Sedgwick International UK - Maidstone

Attention of:-

Michael Whittington

Client ref

Job Number :-

Insurer

Date:-

Recommendation

Broadspire TPA

23-Mar-20

2

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

Note: Subject to the attached Terms and Conditions

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

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

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ESTIMATING & COSTING SHEET - DOMESTIC DRAINAGE

Site:-

2 Cleve Road, London

Client :-

Sedgwick International UK - Maidstone

Attention of:-

Michael Whittington

Client ref

Job Number :-

Insurer

Date:-

Broadspire TPA

23-Mar-20

Recommendation

3

Item No	Description	Unit	Quantity
Mh 1 downstream - Run 4			
1.0	Emergency Drain Blockage Clearance		
1.1	Unblock drain 8am-6pm - First 1/2 Hour	Item	
1.2	Unblock drain 8am-6pm- Subsequent 1/2 Hour	Item	
1.3	Unblock drain 6pm-midnight	Item	
1.4	Unblock drain 6pm-midnight - Subsequent 1/2 hour	Item	
2.1	CCTV Surveys		
2.2	Undertake CCTV survey 8am-6pm (up to 3 hours)	Item	
2.3	Additional 1/2 hr survey charge	Item	
3.0	Replacing Underground Drainage		
3.1	Gullies		
3.2	Take out and replace gully (100mm outlet)	Item	
3.3	Take out and replace rodding point (100mm outlet)	Item	
3.4	Bends/junctions		
3.5	Excavate and replace rest bend (100mm outlet)	Item	
3.6	Excavate and replace rest bend (150mm outlet)	Item	
3.7	Excavate and replace junction/bend (100mmØ), Excavation depth 0-1m.	Item	
3.8	Excavate and replace junction/bend (150mmØ), Excavation depth 0-1m	Item	
3.9	Excavate and replace junction/bend (100mmØ), Excavation depth 1-1.5m.	Item	
3.10	Excavate and replace junction/bend (150mmØ), Excavation depth 1-1.5m.	Item	
3.11	Excavate and replace junction/bend (100mmØ), Excavation depth 1.5-2.0m.	Item	
3.12	Excavate and replace junction/bend (150mmØ), Excavation depth 1.5-2.0m.	Item	
3.13	Pipes		
3.14	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m, First 10m.	m	
3.15	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m, First 10m.	m	
3.16	Excavate trench and replace 100mmØ pipework, Excavation depth 0-1m.	m	
3.17	Excavate trench and replace 150mmØ pipework, Excavation depth 0-1m.	m	
3.18	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m, First 10m.	m	
3.19	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m, First 10m.	m	
3.20	Excavate trench and replace 100mmØ pipework, Excavation depth 1-1.5m.	m	
3.21	Excavate trench and replace 150mmØ pipework, Excavation depth 1-1.5m.	m	
3.22	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m	
3.23	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m, First 10m.	m	
3.24	Excavate trench and replace 100mmØ pipework, Excavation depth 1.5-2.0m.	m	
3.25	Excavate trench and replace 150mmØ pipework, Excavation depth 1.5-2.0m.	m	
3.26	Surface Reinstatement of Trenches		
3.27	Excavate through and reinstate turf.		
3.28	Excavate through and replace concrete paving slabs	m	
3.29	Excavate through and replace block paving	m	
3.30	Excavate through and reinstate plain concrete, maximum thickness 100mm.	m	
3.31	Excavate through and reinstate plain concrete, thickness 100- 200mm.	m	
3.32	Excavate through and reinstate reinforced concrete, maximum thickness 100mm.	m	
3.33	Excavate through and reinstate reinforced concrete, thickness 100-200mm.	m	
3.34	Excavate through and reinstate Tarmac - Cold rolled	m	
3.35	Excavate through and reinstate Tarmac - Hot rolled	m	
3.36	Reinstatement of crazy paving	m	
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
4.2	Line 100mmØ drain	m	
	Super Flex Liner 100mm drain	m	
4.3	Line 150mmØ drain	m	7
	Super Flex Liner 150mm drain	m	
4.4	Post lining CCTV survey	no	
4.5	Minimum lining charge	Item	
4.6	Root cutting of drain prior to lining	hr	
4.7	Set up lining rig for patch lining	Item	
4.8	Patch line 100mmØ drain	no	
4.9	Patch line 150mmØ drain	no	1
4.10	Post patch lining CCTV survey	Item	
4.11	Minimum patch lining charge	Item	
4.12	Re-open lateral branch up to 2m length, pipe up to 150mm	no	
4.13	Re-open lateral branch over 2m length, pipe up to 150mm	no	
	Epoxy resin	no	3
5.0	Miscellaneous		
5.1	Excavation and backfill of soakaway (1m3) with stone	Item	
5.2	% Uplift on disbursements and suppliers charges	%	
5.3	Daywork - Hourly labour rate	hr	
5.4	Minimum project value	Item	
5.5			
5.6			
5.7			
5.8			
6.0	Additional items		
6.1	De-scaling (fat/grime)	hr	1
6.2	De-scaling (scale using chain flails)	hr	
6.3	Gully surround	Item	
6.4	Manhole works (up to 1.2m)	Item	
6.6	Oversize soakaway (1.5m3)	Item	
6.7	Soakaway >1.5m3	Item	
6.8	Waste disposal	m	
6.9	Shoring	m	
Total Estimate Price For Recommendation Number			3.0
Subject to discount			0.00
Total subject to VAT @ 20%			
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, so = 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			

Coding Sheet		Sheet:		Site:	2 Cleve Road		
		Job No.:					
		Date:		Client:	Sedgwick International UK - Maidstone		

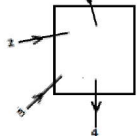
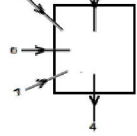
Run:	1						
From:	MH1		Invert Level:	1400		Direction:	U/S
To:	Rwg1		Invert Level:			Function:	S/W
Pipe Material:	VC		Pipe Dia:	100			
Water/Pressure Test:			Drain Break-In:	No		Gully Condition:	As Built
Distance (m)	Code	Clock Ref at to	Dia mm	Intrusion %	mm	Shared Run:	Yes
						If Shared How:	With flats
0.00	ST					Remarks	Surface Material Length (m)
0.80	JDM					Joint displaced medium	tarmac
0.80	LU					Line deviates up	
2.00	FH					Reached Rwg1	
Comments:							

Run:	2						
From:	MH1		Invert Level:	1400		Direction:	U/S
To:	Rwg2		Invert Level:			Function:	S/W
Pipe Material:	Cast Iron		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)
5.40	MC					To Vc	under property 3
5.50	CC	12 12				Crack circumferential	crazy paving 4
6.40	LU					Line deviates up	
7.00	FH					Reached Rwg2	
Comments:							

Run:	3						
From:	MH1		Invert Level:	1400		Direction:	U/S
To:	Svp1		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)
0.00	LL					Line deviates left	tarmac
0.10	LU					Line deviates up	
1.00	FH					Reached Svp 1	
Comments:							

Run:	4									
From:	MH1		Invert Level:	1400		Direction:	D/S			
To:	D/S		Invert Level:			Function:	Comb			
Pipe Material:	VC		Pipe Dia:	150						
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)	
0.20	JDM						Joint displaced medium			
1.40	JDM						Joint displaced medium	tarmac		
2.50	CC	12	12				Crack circumferential			
3.30	JDM						Joint displaced medium			
4.40	JDM						Joint displaced medium			
6.10	MH						Mh 2			
8.90	CC	12	12				Crack circumferential			
9.40	JDM						Joint displaced medium			
10.70	JDM						Joint displaced medium			
12.00	JN	1		100			Unknown			
13.00	FH						Reached 13 meters downstream			
Comments:										
Run:	5									
From:	MH2		Invert Level:	2000		Direction:	U/S			
To:	Wg 1		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)	
0.40	LU						Slight	tarmac		
1.60	LU						Line deviates up			
1.80	FH						Reached line upto Wg 1			
Comments:										
Run:	6									
From:	MH2		Invert Level:	2000		Direction:	U/S			
To:	U/S		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)	
0.70	LR						Line deviates right	inside not seen		
1.40	JN	3		100			Unknown			
1.60	FH						Reached Unknown			
Comments:										

Run:	7											
From:			MH2		Invert Level:		2000		Direction:		U/S	
To:			Svp2		Invert Level:				Function:		F/W	
Pipe Material:			VC		Pipe Dia:							
Water/Pressure Test:					Drain Break-In:			No		Gully Condition:		
Distance	Code	Clock Ref		Dia	Intrusion		Shared Run:		Yes			
(m)		at	to	mm	%	mm	If Shared How:		With flats			
0.00	ST						Remarks		Surface Material	Length (m)		
0.10	LU						Line deviates up					
0.30	FH						Reached line upto Svp 2					
Comments:												

Manhole Details	Sheet:	1 of 1	Site:	2 Cleve Road																																																						
	Job No.:																																																									
	Date:	20/03/20	Client:	Sedgwick International UK - Maidstone																																																						
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Interceptor

Internal Back Drop.

External Back Drop.

Additional Comments for Poor Condition