SubsNetuk

Drainage Investigation Report

For Subsidence Management Services

Policy Holder: Haverstock Hill Limited

Risk Address: 96 Haverstock Hill, Lower Belsize Park, London, NW3 2BD

Visit Date: 05/04/2016

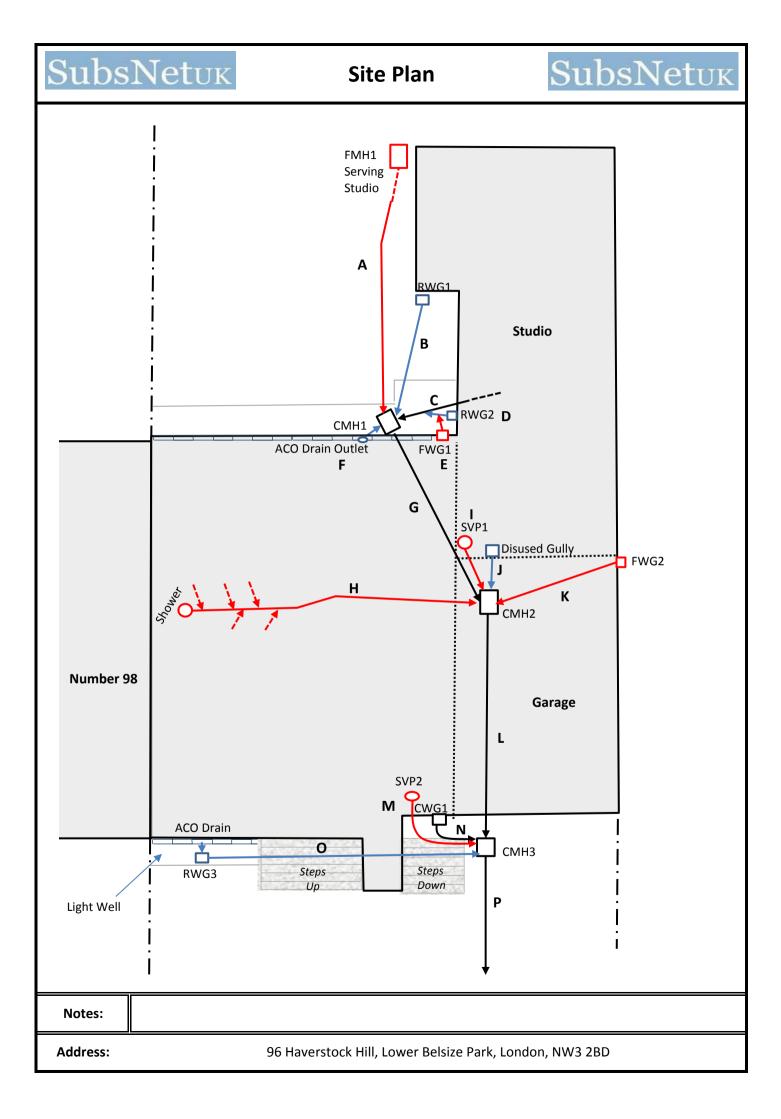
Client Reference: IFS-AVI-SUB-14-0052426

Our Reference: C18151D9394

Report Date: 07/04/2016

Report Content: Front Page

Site Plan CCTV Coding Drain Overview Photographs Quote



Subs	Netuk	C	CCTV Surve	У	SubsN	let uk	
RUN	Start From:	CMH1	Finish at:	FMH1	Pipe Ø:	100mm	
A	Invert Level (m):	0.5	Invert Level (m):	N/A	Material:	Clay	
FOUL	Condition grade:	В	Direction:	Upstream	Responsibility:	Home Owner	
Distance	Code		211 000101111	Remarks	, mesperioriem y		
0.00	SN	Start Node from 0	CMH1				
2.30	CC		Crack Circumferential from 12 to 12 o'clock				
2.30	LR	Line of drain devia					
2.80	CC		ntial from 12 to 12 o	o'clock			
3.00	FN		ond Area of Concer				
				<u> </u>			
RUN	Start From:	CMH1	Finish at :	RWG1	Pipe Ø:	100mm	
В	Invert Level (m):	0.5	Invert Level (m):	N/A	Material:	Clay	
COMBINED	Condition grade:	Α	Direction:	Upstream	Responsibility:	Home Owner	
Distance	Code			Remarks	, ,		
0.00	SN	Start Node from 0	CMH1				
0.20	MC	Material of drain	changes at this poir	nt to Plastic			
1.70	LU	Line of drain devia					
1.90	LD		ates down 90° - Lev	els out			
2.40	LU	Line of drain deviates up 90°					
2.50	LD	Line of drain deviates down 90° - Levels out					
2.70	JN	Junction at 3 o'clo					
2.90	MC		changes at this poir	nt to cast iron			
5.40	FN	Finish Node at RW					
		From	То	Result	Comm	ents	
Hydraulic I	Pressure Test	CMH1	RWG1	PASS	Including J		
			-		1 3		
RUN	Start From:	CMH1	Finish at :	Upstream	Pipe Ø:	100mm	
С	Invert Level (m):	0.5	Invert Level (m):	N/A	Material:	Clay	
COMBINED	Condition grade:	Α	Direction:	Upstream	Responsibility:	Home Owner	
Distance	Code			Remarks			
0.00	SN	Start Node from C	CMH1				
0.20	MC	Material of drain	changes at this poir	nt to Plastic			
0.30	JN	Junction at 3 o'clo	ock from RUN D (RW	/G2)			
0.60	MC		changes at this poir	-			
1.10	DES	Settled Deposits (
1.10	SA	Survey Abandone	d - Unable to push	past blockages			
		NOTE: This line lo	oks to be redundan	t beyond junctin t	o RUN D		
RUN	Start From:	RUN C	Finish at :	RWG2	Pipe Ø:	100mm	
D	Invert Level (m):	0.5	Invert Level (m):	N/A	Material:	Clay	
COMBINED	Condition grade:	С	Direction:	Upstream	Responsibility:	Home Owner	
Distance	Code			Remarks			
0.00	SN	Start Node from F	RUN C				
0.10	JN	Junction at 3 o'clo	ock from RUN E (FW	G1)			
0.40	OJL	Open Joint (large)					
0.60	FN	Finish Node at RW					
,	- -	From	То	Result	Comm	ents	
Hydraulic l	Pressure Test	RWG2	0.5	FAIL			
Address: 96 Haverstock Hill, Lower Belsize Park, London, NW3 2BD							

Dubs.	Netuk	(CCTV Surve	у	SubsN	let uk
RUN	Start From:	RUN D	Finish at :	FWG1	Pipe Ø:	100mm
E	Invert Level (m):	N/A	Invert Level (m):	N/A	Material:	Clay
FOUL	Condition grade:	Α	Direction:	Upstream	Responsibility:	Home Owner
Distance	Code			Remarks		
0.00	SN	Start Node from I	RUN D			
0.50	WL	Water Level 10%				
0.90	LR	Line of drain devi	ates right 90°			
0.90	FN	Finish Node at FV	/G1			
		From	То	Result	Comm	ents
Hydraulic F	Pressure Test	FWG1	0.5	PASS		
					•	
RUN	Start From :	CMH1	Finish at :	ACO Outlet	Pipe Ø:	100mm
F T	Invert Level (m):	0.5	Invert Level (m):	N/A	Material:	Clay
STORM	Condition grade:	С	Direction:	Upstream	Responsibility:	Home Owner
Distance	Code			Remarks	,,	7.0
0.00	SN	Start Node from (CMH1			
0.40	MC		changes at this poin	t to Plastic		
0.80	Н	Hole in Pipe				
0.80	CL	Crack Longitudina	al at 12 o'clock			
0.90	FN	Finish Node at AC				
		From	То	Result	Comm	ents
Hydraulic F	Pressure Test	CMH1	ACO	FAIL		
		CIVIII	7100		1	
RUN	Start From :	CMH2	Finish at :	CMH1	Pipe Ø:	100mm
G	Invert Level (m):	0.86	Invert Level (m):	0.5	Material:	Clay
COMBINED	Condition grade:	A	Direction:	Upstream	Responsibility:	Home Owner
Distance	Code	,	2	Remarks	nesponsioney.	Tionic Gwiler
0.00	SN	Start Node from (°MH2			
5.90	FN	Finish Node at CN				
3.30		From	То	Result	Comm	ents
Hydraulic F	Pressure Test	CMH2	CMH1	PASS		
		CIVITIZ	CIVITI	1733	1	
RUN	Start From :	CMH2	Finish at :	Shower	Pipe Ø:	100mm
Н	Invert Level (m):	0.86	Invert Level (m):	N/A	Material:	Plastic
FOUL	Condition grade:	Α	Direction:	Upstream	Responsibility:	Home Owner
Distance	Code	, and the second	Direction.	Remarks	neopolisionity.	. TOTAL OWNER
0.00	SN	Start Node from (TMH2			
2.90	LL	Line of drain devi				
4.50	LR	Line of drain devi				
4.70	CN	Connection from				
	CN					
	CIN	Connection from sink basin				
5.60	INI	Junction at 12 o'clock from WC				
5.60 5.90	JN					
5.60 5.90 7.30	CN	Connection from	Bath			
5.60 5.90 7.30 7.60	CN JN	Connection from Junction at 12 o'c	Bath lock from WC			
5.60 5.90 7.30	CN	Connection from Junction at 12 o'c Finish Node at Sh	Bath lock from WC ower	Possilt	Comme	onts
5.60 5.90 7.30 7.60 8.60	CN JN	Connection from Junction at 12 o'c	Bath lock from WC	Result PASS	Comm Including junction	

Netuk	(CCTV Surve	у	SubsN	etuk	
Start From :	CMH2	Finish at :	SVP1	Pipe Ø:	100mm	
Invert Level (m):	0.86	Invert Level (m):	N/A	Material:	Cast Iron	
Condition grade:	Α	Direction:	Upstream	Responsibility:	Home Owner	
Code			Remarks			
SN	Start Node from (CMH2				
LL	Line of drain devi	ates left 30°				
MC	Material of drain	changes at this poin	t to clay			
LU	Line of drain devi	ates up 90°				
FN	Finish Node at SV	P1				
Start From:	CMH2	Finish at :	Disused GY	Pipe Ø:	100mm	
Invert Level (m):	0.86	Invert Level (m):	N/A	Material:	Clay	
Condition grade:	В	Direction:	Upstream	Responsibility:	Home Owner	
Code			Remarks			
SN	Start Node from 0	CMH2				
LU	Line of drain devi	ates up 90°				
OJM	Open Joint (medi	um)				
LD	Line of drain devi	ates down 90° - Leve	els Out			
FN	Finish Node at Po	ssibly Disused Gully				
		· , · · · ,				
Start From :	CMH2	Finish at :	FWG2	Pipe Ø:	100mm	
Invert Level (m):		Invert Level (m):		•	Cast Iron	
		` '	·		Home Owner	
Code			Remarks	,		
SN	Start Node from (CMH2				
			t to clav			
FN						
	From	To	Result	Commo	ents	
Pressure Test	CMH2	FWG2	PASS			
		<u>l</u>				
Start From :	CMH2	Finish at :	CMH3	Pipe Ø:	100mm	
				•	Cast Iron	
		` '			Home Owner	
Code			Remarks	, , ,		
SN	Start Node from (CMH2				
MC	Material of drain	changes at this poin	t to cured in place	liner		
MC						
FN						
	From	То	Result	Commo	ents	
Pressure Test		CMH3				
Start From :	СМНЗ	Finish at:	SVP2	Pipe Ø:	100mm	
	1.2			•	Liner	
Condition grade:	A	Direction:	Upstream	Responsibility:	Home Owner	
		2 200.0.11		,		
Code			Remarks			
Code	Start Node from (CMH3	Remarks			
	Start Node from (CMH3 changes at this poin				
	Start From: Invert Level (m): Condition grade: Code SN LL MC LU FN Start From: Invert Level (m): Condition grade: Code SN LU OJM LD FN Start From: Invert Level (m): Condition grade: Code SN LU OJM CD FN Start From: Invert Level (m): Condition grade: Code SN MC FN Pressure Test Start From: Invert Level (m): Condition grade: Code SN MC FN Pressure Test Start From: Invert Level (m): Condition grade: Code SN MC FN Pressure Test Start From: Invert Level (m): Condition grade: Code SN MC FN Pressure Test	Start From: CMH2 Invert Level (m): 0.86 Condition grade: A Code SN Start Node from O LL Line of drain devi. MC Material of drain LU Line of drain devi. FN Finish Node at SV Start From: CMH2 Invert Level (m): 0.86 Condition grade: B Code SN Start Node from O LU Line of drain devi. FN Finish Node at Po Start From: CMH2 Invert Level (m): 0.86 Condition grade: A Code SN Start Node from O Start From: CMH2 Invert Level (m): 0.86 Condition grade: A Code SN Start Node from O Start From: CMH2 Invert Level (m): 0.86 Condition grade: A Code SN Start Node at FV Pressure Test From CMH2 Invert Level (m): 0.86 Condition grade: A Code SN Start Node from O MC Material of drain FN Finish Node at FV Pressure Test From CMH2 Start From: CMH2 Invert Level (m): 0.86 Condition grade: A Code SN Start Node from O MC Material of drain MC Material of drain FN Finish Node at CN Pressure Test From CMH2 Start From: CMH2 From CMH2 Start From: CMH2 From CMH2 Start From: CMH2 From CMH2 Start From: CMH3 Invert Level (m): 1.2	Start From: CMH2 Finish at: Invert Level (m): 0.86 Invert Level (m): Conde SN Start Node from CMH2 LL Line of drain deviates left 30° MC Material of drain deviates up 90° FN Finish Node at SVP1 Start From: CMH2 Finish at: Invert Level (m): 0.86 Invert Level (m): Condition grade: B Direction: Code SN Start Node from CMH2 LU Line of drain deviates up 90° OJM Open Joint (medium) LD Line of drain deviates up 90° OJM Open Joint (medium) LD Line of drain deviates down 90° - Leventer of the finish Node at Possibly Disused Gully Start From: CMH2 Finish at: Invert Level (m): 0.86 Invert Level (m): Condition grade: A Direction: Code SN Start Node from CMH2 Invert Level (m): 0.86 Invert Level (m): Condition grade: A Direction: Code SN Start Node from CMH2 MC Material of drain changes at this pointer finish Node at FWG2 Pressure Test From To CMH2 Finish at: Invert Level (m): 0.86 Invert Level (m): Condition grade: A Direction: Code SN Start Node from CMH2 MC Material of drain changes at this pointer finish Node at FWG2 Pressure Test From To CMH2 Finish at: Invert Level (m): 0.86 Invert Level (m): Condition grade: A Direction: Code SN Start Node from CMH2 MC Material of drain changes at this pointer finish Node at CMH3 Pressure Test From To CMH2 CMH3 From To CMH2 CMH3 Pressure Test From To CMH2 CMH3 From To CMH2 CMH3 From To CMH2 CMH3	Start From : CMH2	Start From: CMH2 Finish at: SVP1 Pipe Ø: Invert Level (m): 0.86 Invert Level (m): N/A Material: Condition grade: A Direction: Upstream Responsibility: Remarks SN Start Node from CMH2 LL Line of drain deviates left 30° MC Material of drain changes at this point to clay LU Line of drain deviates up 90° FN Finish Node at SVP1 Finish at: Disused GY Pipe Ø: Invert Level (m): 0.86 Invert Level (m): N/A Material: Condition grade: B Direction: Upstream Responsibility: Material: Condition grade: B Direction: Upstream Responsibility: Code Remarks SN Start Node from CMH2 Start Node from CMH2 LU Line of drain deviates up 90° Levels Out FN Finish Node at Possibly Disused Gully Start From: CMH2 Finish at: FWG2 Pipe Ø: Invert Level (m): 0.86 Invert Level (m): N/A Material: Condition grade: A Direction: Upstream Responsibility: Remarks SN Start Node from CMH2 Start Node from CMH2 Condition grade: A Direction: Upstream Responsibility: Remarks Condition grade: A Direction: Upstream Responsibility: Remarks Condition grade: A Direction: Upstream Responsibility: Code Remarks Condition grade: A Direction: Upstream Responsibility: Remarks Condition grade: A Direction: Upstream Responsibility: Code Remarks Condition grade: A Direction: Upstream Responsibility: Condition grade: A Direction: Upstream Responsibility: Condition grade: A Direction: Upstream Responsibility: Committed (m): 0.86 Invert Level (m): 1.2 Material: Condition grade: A Direction: Downstream Responsibility: Condition grade: A Direction: Downstream Responsibility: Condition grade: A Direction: Downstream Responsibility: Code Remarks Code Rema	

Subs	Netuk	(CCTV Surve	У	SubsN	let uk
RUN	Start From :	CMH3	Finish at :	CWG1	Pipe Ø:	100mm
N	Invert Level (m):	1.2	Invert Level (m):	0.2	Material:	Liner
COMBINED	Condition grade:	Α	Direction:	Upstream	Responsibility:	Home Owner
Distance	Code			Remarks		
0.00	SN	Start Node from 0	CMH3			
1.00	MC	Material of drain	changes at this poin	nt to clay		
1.30	LR	Line of drain devi	ates right 30°			
1.80	FN	Finish Node at CV	VG1			
		From	То	Result	Comm	ents
Hydraulic	Pressure Test	CMH3	CWG1	PASS		
RUN	Start From :	СМН3	Finish at :	RWG3	Pipe Ø:	100mm
0	Invert Level (m):	1.2	Invert Level (m):	0.2	Material:	Cast Iron
STORM	Condition grade:	В	Direction:	Upstream	Responsibility:	Home Owner
Distance	Code		2.1.000.0111	Remarks	пеорополоти,	TIOTHE OWNE
0.00	SN	Start Node from (CMH3			
1.50	RFJ	Roots Fine at Join				
2.60	OJM	Open Joint (medi				
5.70	RFJ	Roots Fine at Join	-			
6.20 6.40	MC FN	Finish Node at RV	changes at this poin	it to Plastic		
0.40	FIN			- I		
Hydraulic I	Pressure Test	From	То	Result	Comm	ents
-		СМНЗ	RWG3	FAIL		
RUN	Start From :	CMH3	Finish at :	Downstream	Pipe Ø:	150mm
P	Invert Level (m):	1.2	Invert Level (m):	N/A	Material:	Liner
COMBINED	Condition grade:	Α	Direction:	Downstream	Responsibility:	Home Owner
Distance	Code			Remarks	, , ,	
0.00	SN	Start Node from (CMH3			
16.00	FN		ond Area of Conceri	n		

96 Haverstock Hill, Lower Belsize Park, London, NW3 2BD

Address:



Drainage Overview



Following the receival of your instruction, we attended site to carry out a CCTV survey.

The CCTV survey was undertaken in general accordance with the Manual of Sewer Classification and the WRc Drain Repair Book.

All runs were cleaned by high pressure water jetting prior to the CCTV survey.

The following presents a summary of the findings with recommendations to repair and/or return the drains to a serviceable state, where necessary.

Drain Run A: CMH1 Upstream to FMH1

Pipe Diameter: 100mm **Responsibility**: Home Owner

Hydraulic Pressure Test: Unable to test

CCTV Survey Result: Structural Damage - 2x cracks at 2.3 & 2.8m

Recommended Repair:

1. To prepare the drain line and insert 1x resin patch liner to cover both defects.

Drain Run B: CMH1 Upstream to RWG1

Pipe Diameter: 100mm Responsibility: Home Owner Hydraulic Pressure Test: PASS

CCTV Survey Result: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free

from defects.

Drain Run C: CMH1 Upstream

Pipe Diameter: 100mm **Responsibility**: Home Owner

Hydraulic Pressure Test: Unable to test

CCTV Survey Result: Partial blockage - line possibly disused beyond RWG2 junction

Recommended Repair: No repairs have been recommended as the drain line was found to be free

from defects.

Drain Run D: RUN C Junction Upstream to RWG2

Pipe Diameter: 100mm Responsibility: Home Owner Hydraulic Pressure Test: FAIL

CCTV Survey Result: Structural Damage - Large open joint at 0.4m near gully trap

Recommended Repair:

2. To excavate and replace existing gully including 1m of adjacent pipe work to the junction to RUN E as this falls within close proximity of the gully.

Drain Run E: RUN D Junction Upstream to FWG1

Pipe Diameter: 100mm **Responsibility**: Home Owner **Hydraulic Pressure Test**: PASS

CCTV Survey Result: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free

from defects.

Address: 96 Haverstock Hill, Lower Belsize Park, London, NW3 2BD



Drainage Overview 2



Drain Run F: CMH1 Upstream to ACO Outlet

Pipe Diameter: 100mm Responsibility: Home Owner Hydraulic Pressure Test: FAIL

CCTV Survey Result: Structural Damage - Hole and crack in the pipe at 0.8m

Recommended Repair:

3. To carry out an isolated excavation of the pipe between the ACO and the Manhole and connect to the manhole for completion.

Drain Run G: CMH2 Upstream to CMH1

Pipe Diameter: 100mm Responsibility: Home Owner Hydraulic Pressure Test: PASS

CCTV Survey Result: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free

from defects.

Drain Run H: CMH2 Upstream to Shower

Pipe Diameter: 100mm Responsibility: Home Owner Hydraulic Pressure Test: PASS

CCTV Survey Result: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free

from defects.

Drain Run I: CMH2 Upstream to SVP1

Pipe Diameter: 100mm **Responsibility**: Home Owner

Hydraulic Pressure Test: Unable to Test **CCTV Survey Result**: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free

from defects.

Drain Run J: CMH2 Upstream to Possibly Disused Gully

Pipe Diameter: 100mm Responsibility: Home Owner

Hydraulic Pressure Test: Unable to test

CCTV Survey Result: Structural Damage - Open Joint at 0.6m

Recommended Repair:

4. To prepare the drain line and insert 1x resin patch liner to cover defect at 0.6m.

Drain Run K: CMH2 Upstream to FWG2

Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: PASS

CCTV Survey Result: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free

from defects.

Address: 96 Haverstock Hill, Lower Belsize Park, London, NW3 2BD



Drainage Overview 3



Drain Run L: CMH2 Downstream to CMH3

Pipe Diameter: 100mm Responsibility: Home Owner Hydraulic Pressure Test: PASS

CCTV Survey Result: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free from

defects.

Drain Run M: CMH3 Upstream to SVP2

Pipe Diameter: 100mm **Responsibility**: Home Owner

Hydraulic Pressure Test: Unable to test **CCTV Survey Result**: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free from

defects.

Drain Run N: CMH3 Upstream to CWG1

Pipe Diameter: 100mm Responsibility: Home Owner Hydraulic Pressure Test: PASS

CCTV Survey Result: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free from

defects.

Drain Run O: CMH3 Upstream to RWG3

Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: FAIL

CCTV Survey Result: Structural Damage - Various defects throughout

Recommended Repair:

- 5. To excavate and replace existing gully including 1m of adjacent pipe work to allow access into the drain line
- 5. To prepare the drain line and insert 5m of structural liner to cover defects reported underneath the steps to CMH3.

NOTE: There is a posibility that the liner may not bond to the interior of the cast iron pipe and would therefore have to carry out an alternative method of repair, however it should be possible as we will be lining from point to point. Operatives are to take care entering the light well.

Drain Run P: CMH3 Downstream

Pipe Diameter: 150mm **Responsibility**: Home Owner

Hydraulic Pressure Test: Unable to test **CCTV Survey Result**: No Structural Damage

Recommended Repair: No repairs have been recommended as the drain line was found to be free from

defects.

A visual inspection of the manholes revealed them to be in good condition.

	From	То	Result	Notes
Water Main Test	ESV	Outside Tap	PASS	No drop in 20 minutes from 3.1
		'		bar

Address: 96 Haverstock Hill, Lower Belsize Park, London, NW3 2BD





1. Rear of the property.



2. RWG2.



3. FWG1/Mains water pressure test.



4. CMH1.



5. Mains water pressure test.

6. CMH2.



Photographs 2





Photographs 3





13. CWG1.



14. RWG3/Aco drain.



15. Front of the property.



16. CMH3.



17. Front surface area.

18. Surface area in the garage.





Subs	SNetuk	Quote		SubsN	etuk
RUN / LOCA	ATION: SET-UP FEE				
Repair Item	Description	Unit	Rate (£)	Quantity	Amount (£)
UK1133	Van pack HPWJ & CCTV in preparation of lining	nr	£148.44	1.00	£148.44
				Total	
DUN / 1 0 C	ATION, BUN A			(Excl VAT)	£148.44
KUN / LUCA	ATION: RUN A		Data (C)	Ougatitus	Amount (C)
Repair Item	Description	Unit	Rate (£)	Quantity	Amount (£)
UK1180	Patch Lining. Up to 2 m x 100mm	nr	£290.94	1.00	£290.94
				Total	
DI INI / 1 O.C.	TION, DUN D			(Excl VAT)	£290.94
KUN / LUCA	ATION: RUN D		Rate (£)	Quantity	Amount (£)
Repair Item	Description	Unit	Rate (E)	Quantity	Amount (E)
UK0010	Remove existing UPVC pipework in isolated lengths, refix with new 69mm UPVC pipework (incl. brackets).	nr	£14.25	1.00	£14.25
UK0015	Extra over for bends.	nr	£8.31	1.00	£8.31
UK0595	Gully, 225mm x 225mm. Remove existing and replace with new PVCu item. Bed, surround and backfill .	nr	£146.43	1.00	£146.43
UK0605	Excavate & remove isolated length. Replace in new 110mm PVCu. Bed, surround & backfill. n.e. 1000mm deep.	nr	£131.47	1.00	£131.47
UK0880	Short Radius Bend. Remove existing item and replace with new 110mm PVCu.	nr	£14.89	2.00	£29.78
UK1060	Extra over pipework for surrounding drain run in 100mm thick concrete.	m	£14.40	1.00	£14.40
UK0025	Protection Temporary works to floors, 1000 gauge polythene.	m2	£1.79	2.00	£3.59
UK8120300	Hardcore Filling to excavations over 250 mm average thick.	m	£35.35	1.00	£35.35
UK2050005	Disposal by hand excavated contaminated/saturated material off site.	m3	£45.30	1.00	£45.30
UK1045	Removal, set aside and reinstatement of concrete slab paving n.e 100mm thick.	m2	£24.61	1.00	£24.61
UK0890	Junction. Remove existing item and replace with new 110mm PVCu.	nr	£21.74	1.00	£21.74
				Total	
				(Excl VAT)	£475.24
RUN / LOCA	ATION: RUN F				
Repair Item	Description	Unit	Rate (£)	Quantity	Amount (£)
UK0605	Excavate & remove isolated length. Replace in new 110mm PVCu. Bed, surround & backfill. n.e. 1000mm deep.	nr	£131.47	1.00	£131.47
UK1080	Cut out & replace drainage channel including reforming manhole benching.	nr	£109.00	1.00	£109.00
UK0025	Protection Temporary works to floors, 1000 gauge	m2	£1.79	2.00	£3.59

Repair Item	Description	Unit	Rate (£)	Quantity	Amount (£)
UK0605	Excavate & remove isolated length. Replace in new 110mm PVCu. Bed, surround & backfill. n.e. 1000mm deep.	nr	£131.47	1.00	£131.47
UK1080	Cut out & replace drainage channel including reforming manhole benching.	nr	£109.00	1.00	£109.00
UK0025	Protection Temporary works to floors, 1000 gauge polythene.	m2	£1.79	2.00	£3.59
UK8120300	Hardcore Filling to excavations over 250 mm average thick.	m	£35.35	1.00	£35.35
UK1045	Removal, set aside and reinstatement of concrete slab paving n.e 100mm thick.	m2	£24.61	1.00	£24.61
				Total	

(Excl VAT) £304.01

Address:

96 Haverstock Hill, Lower Belsize Park, London, NW3 2BD



Quote



RUN	/ LOCATION: RUN J	
------------	-------------------	--

Repair Item	Description	Unit	Rate (£)	Quantity	Amount (£)
UK1180	Patch Lining. Up to 2 m x 100mm	nr	£290.94	1.00	£290.94

Total (Excl VAT) £290.94

RUN / LOCATION: RUN O

Repair Item	Description	Unit	Rate (£)	Quantity	Amount (£)
UK0595	Gully, 225mm x 225mm. Remove existing and replace with new PVCu item. Bed, surround and backfill .	nr	£146.43	1.00	£146.43
UK0605	Excavate & remove isolated length. Replace in new 110mm PVCu. Bed, surround & backfill. n.e. 1000mm deep.	nr	£131.47	1.00	£131.47
UK0880	Short Radius Bend. Remove existing item and replace with new 110mm PVCu.	nr	£14.89	2.00	£29.78
UK1060	Extra over pipework for surrounding drain run in 100mm thick concrete.	m	£14.40	1.00	£14.40
UK0025	Protection Temporary works to floors, 1000 gauge polythene.	m2	£1.79	2.00	£3.59
UK8120300	Hardcore Filling to excavations over 250 mm average thick.	m	£35.35	1.00	£35.35
UK2050005	Disposal by hand excavated contaminated/saturated material off site.	m3	£45.30	1.00	£45.30
UK1045	Removal, set aside and reinstatement of concrete slab paving n.e 100mm thick.	m2	£24.61	1.00	£24.61
UK1135	Drain Lining - Initial Set-Up Fee (0-3.0m)	nr	£332.64	1.00	£332.64
UK1140	Drain Lining - 100mm. Install Structural liner into existing 100mm underground drain. 3mm Wall thickness.	m	£55.52	2.00	£111.03
				Total	

(Excl VAT) £874.61

REPAIR ESTIMATE TOTALS:

Run / Location		Amount (£)
SET-UP FEE		£148.44
RUN A		£290.94
RUN D		£475.24
RUN F		£304.01
RUN J		£290.94
RUN O		£874.61
	Total (Excl VAT)	£2,384.18

Address: