SubsNetUK

Drainage Investigation Report

For Subsidence Management Services

Client Rob Bramley

Risk Address: 23 Oakfield Walk, Barnsley, S75 2LW

Visit Date: 23rd November 2018

Client Reference: IFS-LBG-SUB-18-0078492

Our Reference: C43839 D14861

Report Date: 18th December 2018

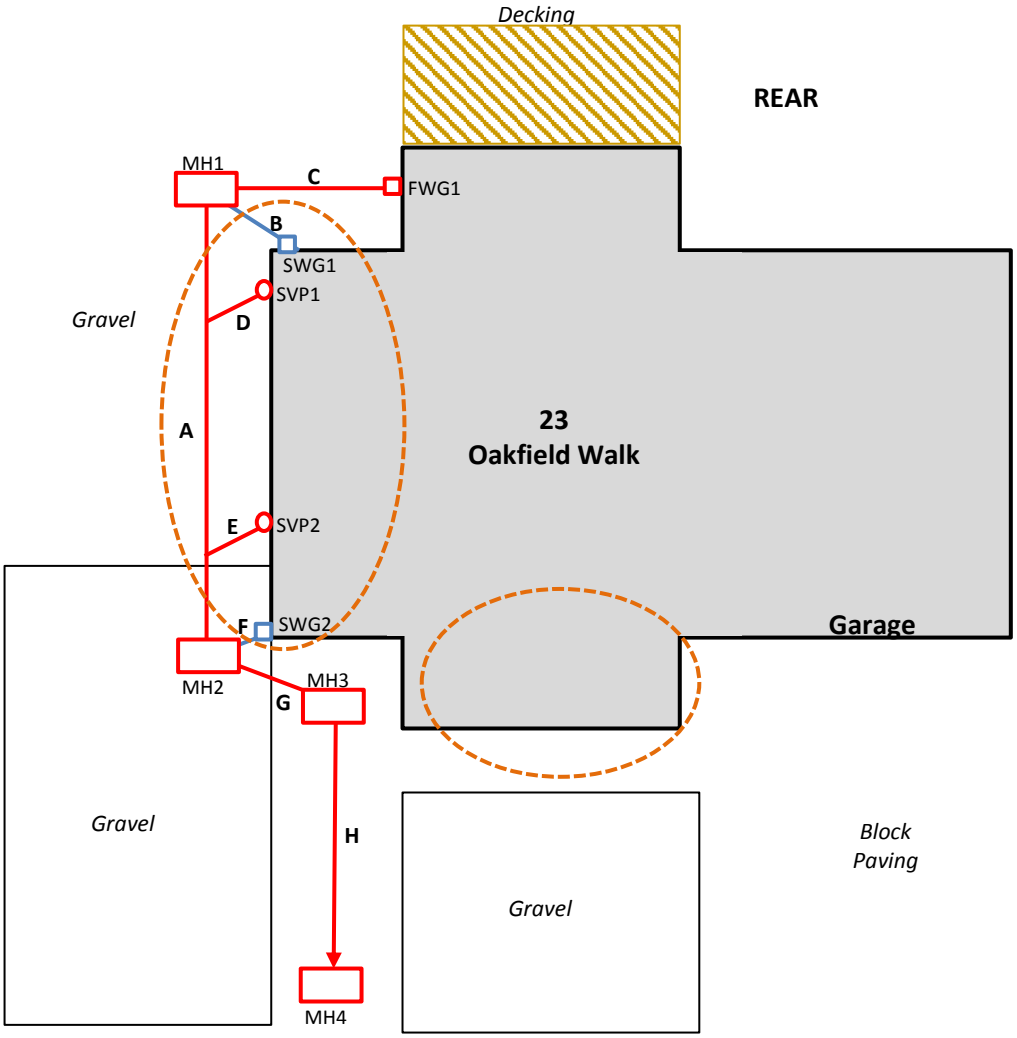
Report Content:

Front Page
Site Plan
CCTV Coding
Drain Overview
Quote

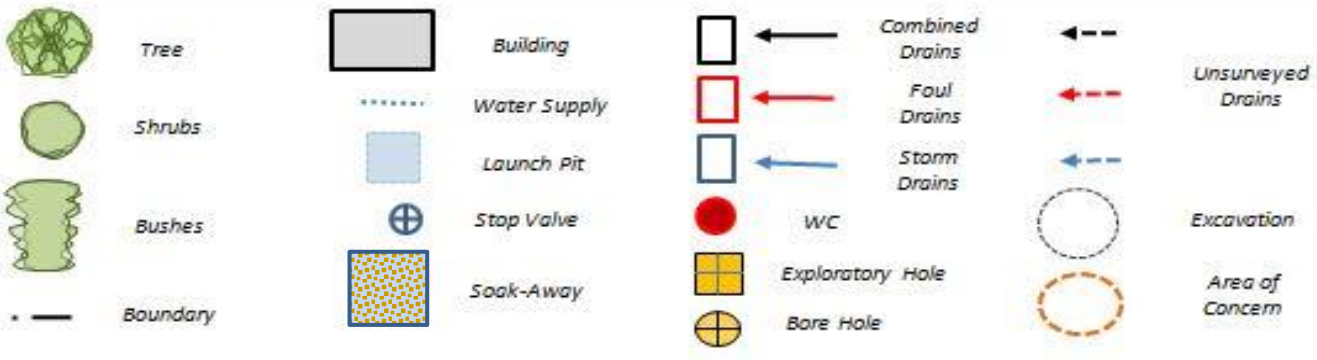
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Site Plan

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Key



Notes:	
Address:	23 Oakfield Walk, Barnsley, S75 2LW

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CCTV Survey

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RUN	Start From :	MH1	Finish at :	MH2	Pipe Ø:	100mm
A	Invert Level (m):	0.3	Invert Level (m):	N/a	Material:	Plastic
COMBINED	Condition grade:	A	Direction:	Downstream	Responsibility:	Home Owner
Distance	*Code*	*Hydraulic Test - Not Tested*				
0.00	SN	Start Node from MH1				
0.00	WL	Water Level 0%				
1.70	JN	Junction - SVP1				
2.25	JN	Junction - SVP2				
7.75	FN	Finish Node at MH2				

RUN	Start From :	MH1	Finish at :	SWG1	Pipe Ø:	100mm
B	Invert Level (m):	0.3	Invert Level (m):	N/a	Material:	Plastic
STORM	Condition grade:	A	Direction:	Upstream	Responsibility:	Home Owner
Distance	*Code*	*Hydraulic Test - Not Tested*				
0.00	SN	Start Node from MH1				
0.00	WL	Water Level 0%				
0.40	FN	Finish Node at SWG1				

RUN	Start From :	MH1	Finish at :	FWG1	Pipe Ø:	100mm
C	Invert Level (m):	0.3	Invert Level (m):	N/a	Material:	Plastic
FOUL	Condition grade:	A	Direction:	Upstream	Responsibility:	Home Owner
Distance	*Code*	*Hydraulic Test - Not Tested*				
0.00	SN	Start Node from MH1				
0.00	WL	Water Level 0%				
2.45	LL	Line of drain deviates left °				
2.75	FN	Finish Node at FWG1				

RUN	Start From :	SVP1	Finish at :	Run A	Pipe Ø:	100mm
D	Invert Level (m):	N/a	Invert Level (m):	N/a	Material:	Plastic
FOUL	Condition grade:	A	Direction:	Downstream	Responsibility:	Home Owner
Distance	*Code*	*Hydraulic Test - Not Tested*				
0.00	SN	Start Node from SVP1 - access				
0.00	WL	Water Level 0%				
0.35	LD	Line of drain deviates down °				
1.20	FN	Finish Node at Run A				

RUN	Start From :	SVP2	Finish at :	Run A	Pipe Ø:	100mm
E	Invert Level (m):	N/a	Invert Level (m):	N/a	Material:	Plastic
FOUL	Condition grade:	A	Direction:	Downstream	Responsibility:	Home Owner
Distance	*Code*	*Hydraulic Test - Not Tested*				
0.00	SN	Start Node from SVP2 - access				
0.00	WL	Water Level 0%				
0.30	LR	Line of drain deviates right °				
1.30	FN	Finish Node at Run A				

RUN	Start From :	MH2	Finish at :	SWG2	Pipe Ø:	100mm
F	Invert Level (m):	0.7	Invert Level (m):	N/a	Material:	Plastic
STORM	Condition grade:	A	Direction:	Upstream	Responsibility:	Home Owner
Distance	*Code*	*Hydraulic Test - Not Tested*				
0.00	SN	Start Node from MH2				
0.00	WL	Water Level 0%				
0.90	LD	Line of drain deviates down °				
1.05	FN	Finish Node at SWG2				

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CCTV Survey

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RUN	Start From :	MH2	Finish at :	MH3	Pipe Ø:	100mm
G	Invert Level (m):	0.7	Invert Level (m):	N/a	Material:	Plastic
COMBINED	Condition grade:	A	Direction:	Downstream	Responsibility:	Home Owner
Distance	*Code*	*Hydraulic Test - Not Tested*				
0.00	SN	Start Node from MH2				
0.00	WL	Water Level 0%				
1.40	LL	Line of drain deviates left °				
1.40	WL	Water Level 5%				
1.60	FN	Finish Node at MH3				

RUN	Start From :	MH3	Finish at :	Downstream Node	Pipe Ø:	100mm
H	Invert Level (m):	1	Invert Level (m):	N/a	Material:	Clay
COMBINED	Condition grade:	B	Direction:	Downstream	Responsibility:	Home Owner
Distance	*Code*	*Hydraulic Test - Not Tested*				
0.00	SN	Start Node from MH3				
0.00	WL	Water Level 0%				
0.60	CC	Crack Circumferential				
1.25	JDM	Joint Displaced (Medium)				
3.10	CC	Crack Circumferential				
3.50	CC	Crack Circumferential				
3.50	JDM	Joint Displaced (Medium)				
4.00	FN	Finish Node - Beyond Area of Concern				

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Drainage Overview

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Following the receipt of your instruction, we attended site to carry out a CCTV survey. We were requested to survey the drains around the front left corner.

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

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: MH1 downstream to MH2
Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: Not Tested
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 B: MH1 upstream to SWG1
Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: Not Tested
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: MH1 upstream to FWG1
Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: Not Tested
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 D: SVP1 downstream to Run A
Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: Not Tested
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 E: SVP2 downstream to Run A
Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: Not Tested
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 F: MH2 upstream to SWG2
Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: Not Tested
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 G: MH2 downstream to MH3
Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: Not Tested
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: MH3 to downstream Node Point
Pipe Diameter: 100mm
Responsibility: Home Owner
Hydraulic Pressure Test: Not Tested
CCTV Survey Result: Structural Damage
Recommended Repair:
To prepare the drain line and insert 4m of structural liner to cover defects.

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Quote

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RUN / LOCATION: RUN H

Repair Item	Description	Unit	Rate (£)	Quantity	Amount (£)
UK1133	Van pack HPWJ & CCTV in preparation of lining	nr	£148.44	1.00	£148.44
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	m	£55.52	1.00	£55.52
				Total (Excl VAT)	£536.60

REPAIR ESTIMATE TOTALS:

Run / Location		Amount (£)
RUN H		£536.60
	Total (Excl VAT)	£536.60

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