HYDROLOGIC
SPECIALIST DRAIN & SEWER MAINTENANCE CONTRACTORS

CCTV DRAINAGE SURVEY REPORT

CLIENT:	XXXXXXX
SITE ADDRESS:	XXXXX Road London N17
SURVEY:	Foul Drain
DATE:	17th May 2011
JOB REF:	04398 / 060622

Run No. 1

From:	MH1
Connection:	-
Direction:	Upstream
Diameter:	100mm
Material:	Vitrified Clay
Duty:	Foul
Depth:	680mm

METRES		
	0.0	Start of run
	0.0	Water level 0%
	0.7	Connection 10 o’clock
	0.7	Root intrusion
	0.8	Circumferential fracture at joint 12 - 12 o'clock
	1.4	Circumferential crack at joint 12 - 12 o'clock
	2.0	Circumferential crack 12 - 12 o'clock
	2.3	Hole 12 o’clock
	3.0	Line deviates left
	3.6	Line deviates down to trap
	3.6	End of run no.1

Summary

This run was initially blocked by a large build up of congealed grease deposits. We believe this build up was caused due to the roots that were initially protruding through the connection near the start of the run. This area is also cracked and fractured at the joint and the drain shows further cracks plus a small hole in the roof of pipe at 2.3 metres. We recommend this whole run is sealed and strengthened with a structural liner.

Note:
We believe the connection showing the root intrusion is redundant; this would therefore eliminate the need to re-open a hole for this once a liner has been installed.

Run No. 2

From:	MH1
Connection:	1
Direction:	Upstream
Diameter:	100mm
Material:	Vitrified Clay
Duty:	Foul
Depth:	680mm

METRES		
	0.0	Start of run
	0.0	Water level 0%
	0.1	Line deviates right – slight
	0.4	Line deviates up to stack
	0.7	Material change – plastic
	3.6	Connections
	6.1	Top bend reached
	6.3	End of run no.2

Summary

No structural or service defects identified.

Run No. 3	*From:*	MH1
	Connection:	-
	Direction:	Downstream
	Diameter:	100mm
	Material:	Vitrified Clay
	Duty:	Foul
	Depth:	680mm

METRES	0.0	Start of run
	0.0	Water level 0%
	0.5	Connection 12 o'clock
	1.1	Connection 12 o'clock
	3.1	Scale deposits – light patchy
	7.6	Grease deposits – light patchy
	11.5	Trap reached
	11.5	End of run no.3

Summary

This drain shows only slight scale and grease patches and is generally clear. Most noticeable however is a break / hole on the top of the rodding eye.

As this break is right at the top of the access part of the drain it is not causing any immediate concern or interrupting the flow of the drain, however care should be taken that this is not allowed to get worse as it may threaten the integrity of the pipe further down where it is in contact with discharging waste.

END OF SURVEY

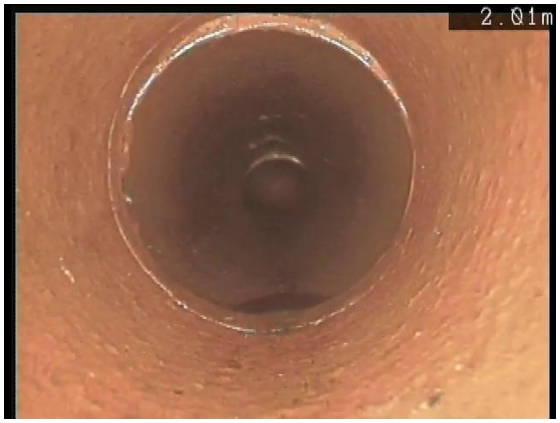
Screenshots:

R1 roots / cracks at connection

R1 circumferential fracture

R1 circumferential crack

R1 blocked (before clean)



R1 circumferential fracture

R1 hole at top

R3 break at top of R.E

Disclaimer:

1.
Whilst every effort is made to represent the system as accurately as possible, the attached drawing (if applicable) should not be taken as an exact plan and is solely a depiction of how the system runs to the best of our knowledge obtained from the survey results.

2.
All distance readings should be regarded as approximate and not an exact measurement of each drain run.

3.
All recommend remedial work is made on the assumption that this work can be carried out without obstruction and that the area is generally accessible.

HYDROLOGIC
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