

Tel: 020 8424 2111 Email: Sales@roddraintechs.co.uk

CCTV Inspection Report

12-14 Maresfield Gardens London NW3 5SU

Client: RLA LTD

Reference: 40814

Date: February 2020













Site Summary 40814



A CCTV survey was carried out as per your instruction. The drainage system has suffered minor structural damage and root penetration. Minor scale and debris deposits are evident throughout the system.

Please note our engineers were unable to survey the following:

FW04: Unable to locate, beneath paving.

FW07: Unable to locate, beneath paving.

Rainwater downpipes 3,4,5,6,7 & 10: No camera access.

Rainwater downpipes 8 & 9 appear to discharge to ground.

Works are recommended, please see recommendations page for schedule.



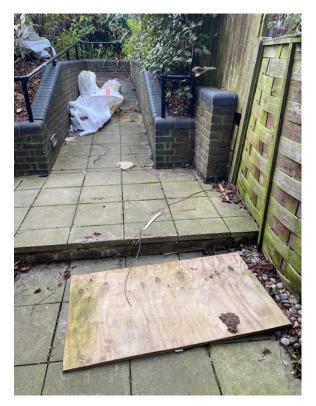
FW02: DEBRIS DEPOSITS



APPROX LOCATION OF FW04



RWP 3 & 4: NO ACCESS



APPROX LOCATION OF FW07



RWP'S 5 & 6: NO ACCESS



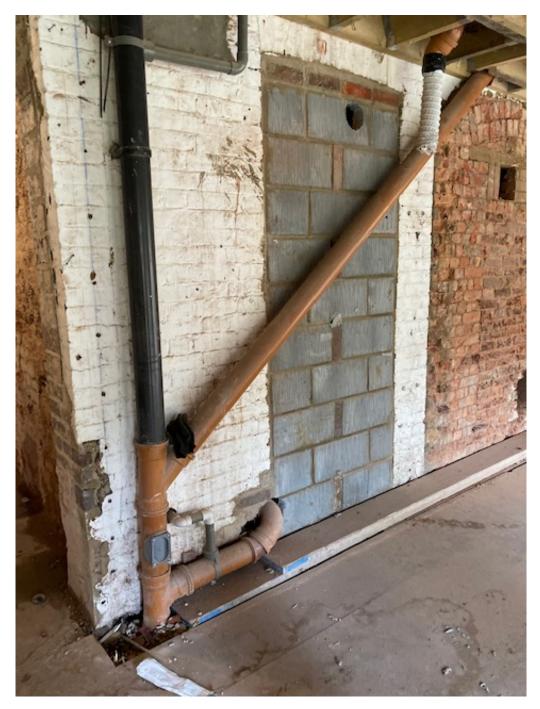
RWP 9 DISCHARGES ONTO GROUND



RWP 10



RWP 7



SVP1

Mini Cam		Insp	ection Re	eport		
Section: 1	Date: 2020-02-0	05	Job ID: 40814	Clien	it:	Operator: MAC
Place: LONDON NW3 5	SU	Direction: Use:	Upstream Foul	Start Start	MH: Depth:	FW01 0.5m
Road: 12-14 MARESFIE GARDENS		Pipe Shape: Pipe Material: Width / Height:	Circular PVC 100mm	End I		RWP1
Comments:						

0.06m (FW01)

0.06m (FW01)					
	Meterage CD	Code	Observation	Video	Pic.
	0.06m	STX	Start of survey.	00:00:00	
	6.01m	DVX	Deviation Left.	00:00:20	
	/7.98m	DVX	Deviation Up.	00:00:31	
8.03m (RWP1)	8.03m	ENX	End of survey.	00:00:41	





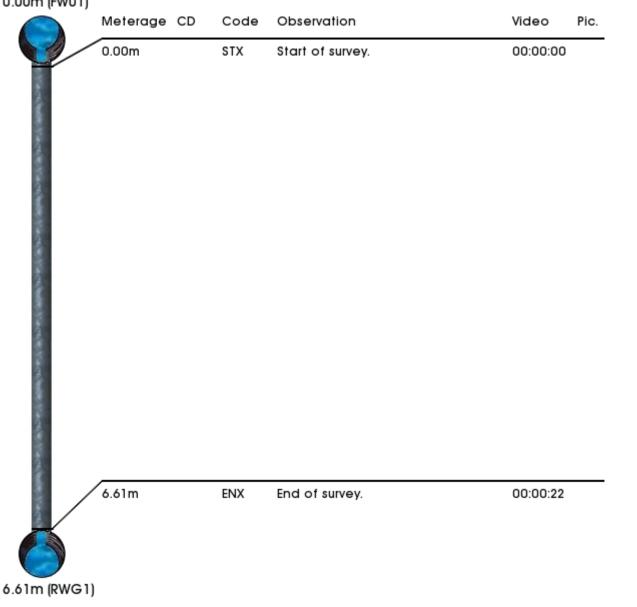
	am	Ins	pection Re	eport			,
Section: 2	Date: 2020-02 -		Job ID: 40814	Clien	it:		erator: MAC
Place: LONDON NW3 Road: 12-14 MARESFI GARDENS Comments:		Direction: Use: Pipe Shape Pipe Materia Width / Heig	al: PVC	End I	Depth:	FW01 0.5m SVP1	
0.00m (FW01)							
Me	eterage CD	Code	Observation			Video	Pic.
0.0)0m	STX	Start of survey.			00:00:00	
	62m	DVX	Deviation Left.			00:00:03	
8.1	7m	DVX	Deviation Up.			00:00:26	
8.51m (SVP1)	ilm	ENX	End of survey.			00:00:34	





Mini Cam		Insp	ection Re	eport		
Section: 3	Date: 2020-02-()5	Job ID: 40814			Operator: MAC
Place: LONDON NW3 5		Direction: Use:	Upstream Foul	Start Start	MH: Depth:	FW01 0.5m
Road: 12-14 MARESFIELD GARDENS		Pipe Shape: Pipe Material: Width / Height:	Circular PVC 100mm	End		RWG1
Comments:	•					

0.00m (FW01)







Mini Cam		Inspection Report		eport		
Section: 4	Date: 2020-02-0)5	Job ID: 40814	Clie	Client: Oper MA	
Place: LONDON NW3 5		Direction: Use:	Downstream Foul		t MH: t Depth:	FW01 0.5m
Road: 12-14 MARESFIELD F GARDENS F		Pipe Shape: Pipe Material: Width / Height:	Circular PVC 100mm	End	MH: Depth:	FW02
Comments:	•					

0.00m (FW01)

0.00m (FW01)						
	Meterage	CD	Code	Observation	Video	Pic.
	0.00m		STX	Start of survey.	00:00:00	
1.20m (FW02)	1.20m		ENX	End of survey.	00:00:06	





Mini Cam		Inspection Report		eport	Mini-Cam Limited Unit 4, Yew Tree Way Golbourne WA3 3FN	
Section: 5	Date: 2020-02-0	05	Job ID: 40814	Clier	it:	Operator: MAC
Place: LONDON NW3 Road: 12-14 MARESF GARDENS	IELD	Direction: Use: Pipe Shape: Pipe Material:	Upstream Foul Circular PVC	End	Depth: 0	-W02 0.5m RWG2
Comments:		Width / Height:	100mm		2 opt	

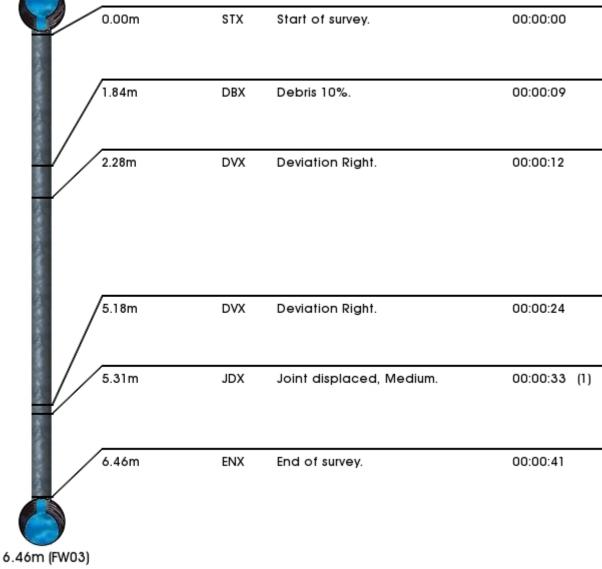
0.03m (FW02)

0.03m (FW02)					
	Meterage C	D Code	Observation	Video	Pic.
	0.03m	STX	Start of survey.	00:00:00	
	1.93m	DVX	Deviation Left.	00:00:09	
	2.38m	DVX	Deviation Up.	00:00:12	
2.86m (RWG2)	2.86m	ENX	End of survey.	00:00:16	
2.0011 ((1102)					





	ovation	In	spection R	eport		Mini-Can Unit 4, Yo Golbourn WA3 3FN	ew Tree Wa ne	У
Section:	Date:		Job ID:		Client:		0	perator:
6	2020-02-0)5	40814					MAC
Place: LONDON NW3 Road: 12-14 MARESFI GARDENS	IELD	Direction: Use: Pipe Sha Pipe Mate Width / H	Foul pe: Circular erial: PVC	E	Start M Start D End M End D	Depth:	FW02 0.6m FW03	
Comments:								
0.00m (FW02)	eterage CD	Cod	le Observation				Video	Pic.







(1)



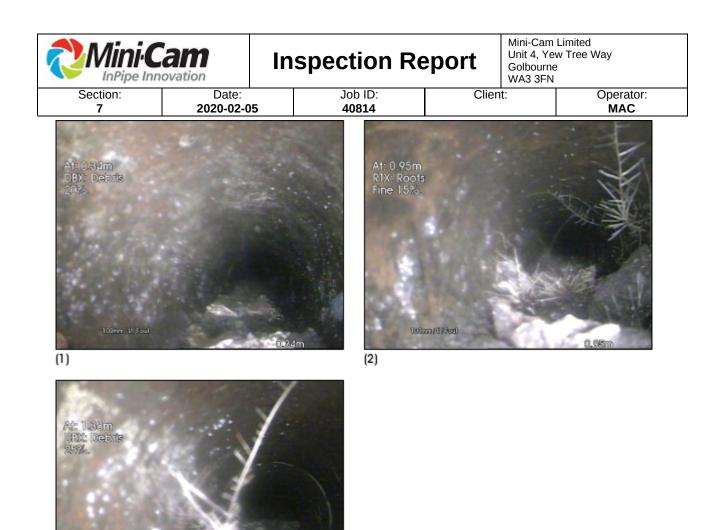


Mini Cam		Inspection Report		Mini-Cam Limited Unit 4, Yew Tree Way Golbourne WA3 3FN		
Section: 7	Date: 2020-02-0	05	Job ID: 40814	Clier	nt:	Operator: MAC
Place: LONDON NW3		Direction: Use:	Upstream Foul			FW03 1.1m
Road: 12-14 MARESFI GARDENS		Pipe Shape: Pipe Material: Width / Height:	Circular Vitrified clay 100mm	End End	MH: Depth:	B1
Comments: 0.02m (FW03)						

0.02m (FW03)					
	Meterage CD	Code	Observation	Video	Pic.
	0.02m	STX	Start of survey.	00:00:00	
	0.34m DBX		Debris 20%.	00:00:09	
	0.95m	RTX	Roots Fine 15%.	00:00:14	(2)
	/1.38m	DBX	Debris 25%.	00:00:18	(3)
1.40m (B1)	1.40m	SAX	Survey abandoned.	00:00:20	







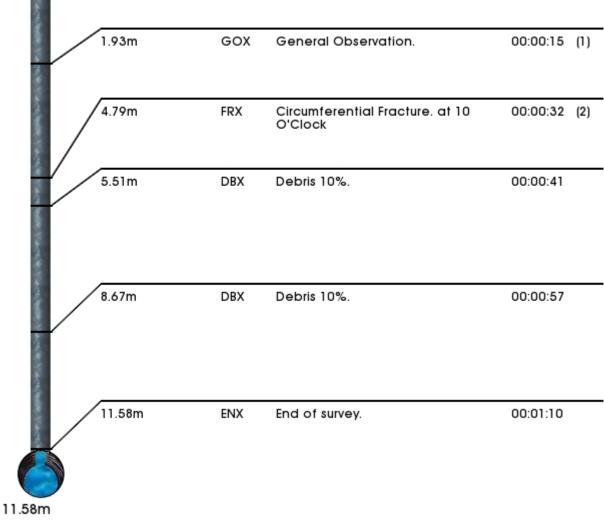
(3)

100aan/U/Real



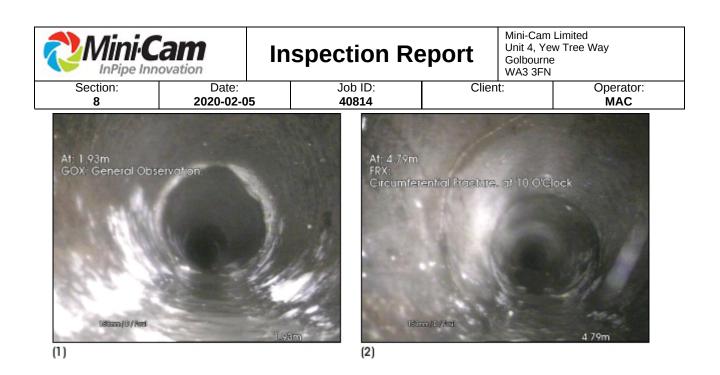


Mini-C	ovation	In	spection Re	eport	-		/ay
Section: 8	Date: 2020-02-	05	Job ID: 40814	CI	ient:	(Operator: MAC
Place: LONDON NW3 Road: 12-14 MARESF GARDENS		Direction: Use: Pipe Shap Pipe Mate Width / He	rial: Vitrified clay	St	art MH: art Depth: nd MH: nd Depth:	FW03 1.1m FW04	
Comments: 0.00m (FW03)			5				
. ,	eterage CD	Code	e Observation			Video	Pic.
0.0)0m	STX	Start of survey.			00:00:0	00













	am	Inspe	ection Re	eport		
Section: 9	Date: 2020-02-0	5	Job ID: 40814	Cli	ent:	Operator: MAC
Place: LONDON NW3 5		Direction: Jse:	Upstream Surface		art MH: art Depth:	FW05 1.2m
Road: 12-14 MARESFIELD F GARDENS F		Pipe Shape: Pipe Material: Width / Height:	Circular PVC 100mm	En	d MH: d Depth:	RWG3
Comments:		0				

-0.53m (FW05)

-0.53m (FW05)					
	Meterage CD	Code	Observation	Video	Pic.
Y	-0.53m	STX	Start of survey.	00:00:00	
n a Vacate Vacateman Vacate Vacateman	0.17m	ХИС	Junction 100 mm. At 2 O'Clock	00:00:14	
	3.71m	DVX	Deviation Right.	00:00:28	
	5.57m	DVX	Deviation Left.	00:00:37	
6.04m (RWG3)	6.04m	ENX	End of survey.	00:00:40	





	Cam novation	Insp	ection Re	eport		
Section: 10	Date: 2020-02-0	05	Job ID: 40814	Clier	nt:	Operator: MAC
Place: LONDON NW3 Road: 12-14 MARES GARDENS	FIELD	Direction: Use: Pipe Shape: Pipe Material:	Upstream Surface Circular PVC	End	Depth:	FW05 1.2m SVP2
Comments:		Width / Height:	100mm			

0.00	
0.00m	FWU5

0.00m (FW05)						
	Meterage	CD	Code	Observation	Video	Pic.
	0.00m		STX	Start of survey.	00:00:00	
	7.50m		WLX	Water level 5%.	00:00:24	
	7.58m		DVX	Deviation Up.	00:00:27	
7.90m (SVP2)	7.90m		ENX	End of survey.	00:00:31	





	ovation	Ins	spection Re	eport	Mini-Cam Unit 4, Ye Golbourne WA3 3FN	ew Tree Way e
Section:	Date:		Job ID:	Clier	nt:	Operator:
11	2020-02-0	05	40814			MAC
Place: LONDON NW3		Direction: Use:	Upstream Surface	Star	Depth: 0	-W05).5m
Road: 12-14 MARESF GARDENS		Pipe Shape Pipe Mater Width / Hei	rial: PVC	End End	MH: F Depth:	RWP2
Comments:						
0.00m (FW05)						

Meterage CD	Code	Observation	Video Pic.
0.00m	STX	Start of survey.	00:00:00
1.63m	DBX	Debris 10%.	00:00:08
5.95m	DVX	Deviation Right.	00:00:23
/7.37m	DVX	Deviation Up.	00:00:31
7.71m	ENX	End of survey.	00:00:38
	0.00m 1.63m 5.95m 7.37m	0.00m STX 1.63m DBX 5.95m DVX 7.37m DVX	D.00m STX Start of survey. 1.63m DBX Debris 10%. 5.95m DVX Deviation Right. 7.37m DVX Deviation Up.





		Inspe	ection Re	eport		
Section: 12			Job ID: 40814	Clier	nt:	Operator: MAC
Place: LONDON NW3 5	5SU	Direction: Use:	Downstream Foul	Start Start	MH: Depth:	FW05 1.2m
Road: 12-14 MARESFIELD GARDENS		Pipe Shape: Pipe Material: Width / Height:	Circular PVC 100mm	End		FW06
Comments:						

0.00m (FW05)

0.00m (FW05)						
	Meterage C	D	Code	Observation	Video	Pic.
	0.00m		STX	Start of survey.	00:00:00	
	6.31m		DVX	Deviation Left.	00:00:21	
	7.58m		DVX	Deviation Right.	00:00:26	
8.47m (FW06)	8.47m		ENX	End of survey.	00:01:01	
0.4711 (1000)						





	ovation	Inspe	ection Re	eport		
Section: 13	Date: 2020-02-		Job ID: 40814	Clien	t:	Operator: MAC
Place: LONDON NW3 Road: 12-14 MARESF		Direction: Use: Pipe Shape:	Downstream Surface Circular	Start Start End I	Depth:	RWG4 MAINLINE
GARDENS Comments:		Pipe Material: Width / Height:	PVC 100mm	End I	Depth:	

0.02m (RWG4)

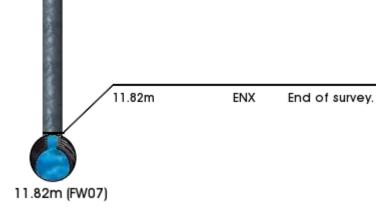
0.02m (RWG4)					
	Meterage CD	Code	Observation	Video	Pic.
	0.02m	STX	Start of survey.	00:00:00	
	1.27m	DVX	Deviation Left.	00:00:06	
2.12m (MAINLII	2.12m	ENX	End of survey.	00:00:10	
	,				





Mini Cam		Inspection Report			Unit 4, Golbou	Mini-Cam Limited Unit 4, Yew Tree Way Golbourne WA3 3FN	
Section: 14	Date: 2020-02		Job ID: 40814	Clie	nt:		erator: /AC
Place: LONDON N Road: 12-14 MAR GARDENS Comments:		Direction: Use: Pipe Shape: Pipe Materia Width / Heigl	I: Cast iron	Star End	t MH: t Depth: MH: Depth:	FW06 1.4m FW07	
0.00m (FW06)	Meterage CD	Code	Observation			Video	Pic.
	0.00m	STX	Start of survey.			00:00:00	
and the other	0.73m	SCX	Scale Medium.			00:00:05	(1)

Scale Heavy.



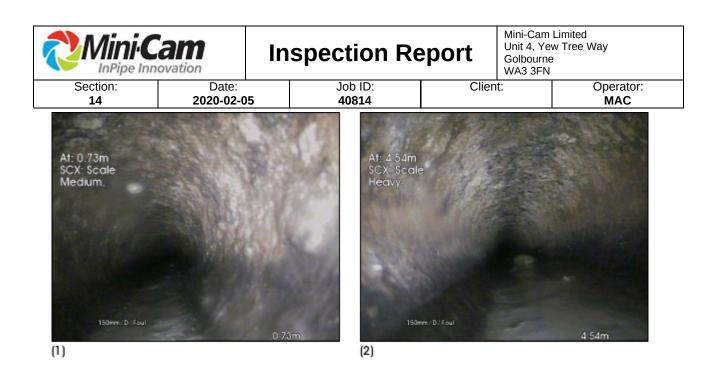
4.54m

SCX



00:00:21 (2)

00:00:48



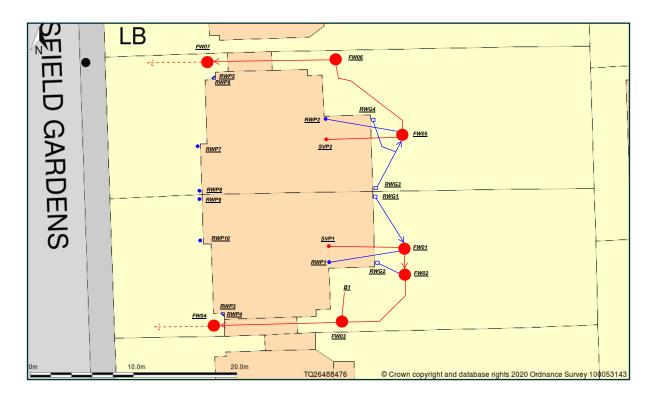








Maresfield Gardens, London, Camden, NW3 5SU



Plan shows area bounded by: 526452.22, 184750.34 526510.63, 184784.92, OSGridRef: TQ26488476. The representation of a road, track or path is no evidence of a right of way. The representation of features as lines is no evidence of a property boundary.

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R.O.D Drain Techs Ltd 4 The Hawthorn Centre Elmgrove Road Harrow HA1 2RF **Tel: 02084242111 Email: sales@roddraintechs.co.uk**



Recommendations

Report Ref: 40814

Date: February 2020

SITE ADDRESS 12-14 Maresfield Gardens. London, NW3 5SU

No.	DESCRIPTION	LINE TOTAL
1	FW01-RWP1:	NO WORKS
2	FW01-SVP1:	NO WORKS
3	FW01-RWG1:	NO WORKS
4	FW01-FW02:	NO WORKS
5	FW02-RWG2:	NO WORKS
6	FW02-FW03: Install Patch repair at defect.	£425.00
7	FW03-B1: Carry out Specialist Root Cutting. Install Patch repair at defect. Continue CCTV survey.	£515.00
8	FW03-FW04: High pressure water Jet to leave free flowing. Install Patch repair at defect.	£495.00
9	FW05-RWG3:	NO WORKS
10	FW05-SVP2:	NO WORKS
11	FW05-RWP2:	NO WORKS
12	FW05-FW06:	NO WORKS
13	RWG4-MAIN LINE:	NO WORKS
14	FW06-FW07: Descale pipe work with specialist chain fail to leave free flowing.	£216.00
	Provisional Sum: We recommend allowing an additional budget cost to rectify any further defects found after the system clean and remedial works. As per our report some surveys were abandoned / incomplete due to access and debris deposits within the system. Therefore a full condition report was not possible. Allow budget £1,500.00	Budget on Request
	SUB TOTAL	£1,651.00
	TAV	£330.20
	TOTAL	£1,981.20
	All works quoted above are based on: Unrestricted access to all work areas.	

All works quoted above are based on: Unrestricted access to all work areas.

Access to a constant water supply.

R.O.D Drain Techs Ltd has made every concerted effort to produce a professional and qualitative survey, detailing all the significant observations and where applicable, appropriate remedial works.

We cannot accept any liability for any misinterpretation by third parties of the information contained herein. The condition of the drains observed in this report are a representation on the day(s) of the CCTV survey only.

The jointing systems of all below ground drainage pipes are always constructed around the outside of pipes, so are not usually visible on CCTV recordings. The drawing accompanying this report is not a scaled drawing and is for reference purposes only.