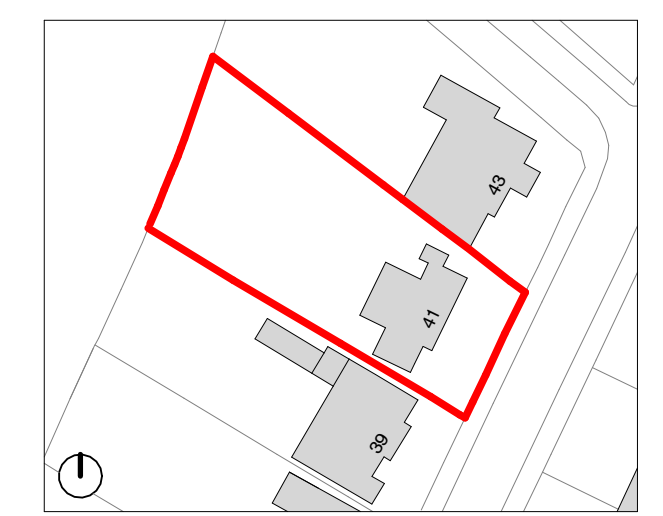




Key Site Plan



Scale: 1:1250 @A1

Key:

- Existing fabric
- Proposed structure
- Area of development

General Notes:

- Existing drawings based on April 2023 survey from On Centre Surveys.

09.02.2024

Draft Issue for Planning

PLANNING

Project Number: 23002

Client: Eva Stengaard and Mark Tognolini

Date:

Scale: 1:100 @ A3 / 1:50 @ A1

Project: 41 Sheldon Avenue, N6

Drawing Title: Proposed Section BB

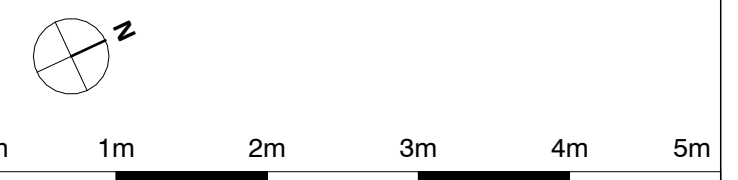
Drawing No: SHA-MWA-A-ZZ-DR-A-P2201

Drawn:	Approved by:	Signed:
AM/UD	AMB	LG

Marek Wojciechowski Architects

05-65 Margaret Street W1W 6SR T: 020 7592 9206 www.mw-a.co.uk

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Key Site Plan

Scale: 1:1250 @A1

Key:

- Existing fabric
- Proposed structure
- Area of development

General Notes:

- Existing drawings based on April 2023 survey from On Centre Surveys.

09.02.2024 Draft Issue for Planning

PLANNING

Project Number: 23002

Client: Eva Stengaard and Mark Tognolini

Date:

Scale: 1:100 @ A3 / 1:50 @ A1

Project: 41 Sheldon Avenue, N6

Drawing Title: Proposed Section CC

Drawing No: SHA-MWA-A-ZZ-DR-A-P2202

Drawn: AM/UD Approved by: AMB Signed: LG

Marek Wojciechowski Architects

65-65 Margaret Street W1W 6SR T: 020 7595 9336 www.mwa.co.uk

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0m 1m 2m 3m 4m 5m



Key Site Plan

Scale: 1:1250 @A1

Key:

- Existing fabric
- Proposed structure
- Area of development

General Notes:

- Existing drawings based on April 2023 survey from On Centre Surveys.

09.02.2024 Draft Issue for Planning

PLANNING

Project Number: 23002

Client: Eva Stengaard and Mark Tognolini

Date:

Scale: 1:100 @ A3 / 1:50 @ A1

Project: 41 Sheldon Avenue, N6

Drawing Title: Proposed Section DD

Drawing No: SHA-MWA-A-ZZ-DR-A-P2203

Rev:

Drawn: AM/UD

Approved by: AMB

Signed: LG

Marek Wojciechowski Architects

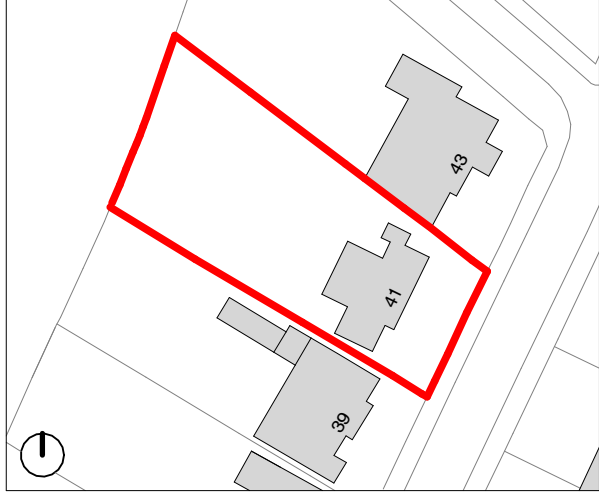
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0m 1m 2m 3m 4m 5m



Key Site Plan



Scale: 1:1250 @A1

Key:

- Existing fabric
- Proposed structure
- Area of development

General Notes:

- Existing drawings based on April 2023 survey from On Centre Surveys.

09.02.2024

Draft Issue for Planning

PLANNING

Project Number: 23002

Client: Eva Stengaard and Mark Tognolini

Date:

Scale: 1:100 @ A3 / 1:50 @ A1

Project: 41 Sheldon Avenue, N6

Drawing Title: Proposed Section EE

Drawing No: SHA-MWA-A-ZZ-DR-A-P2204

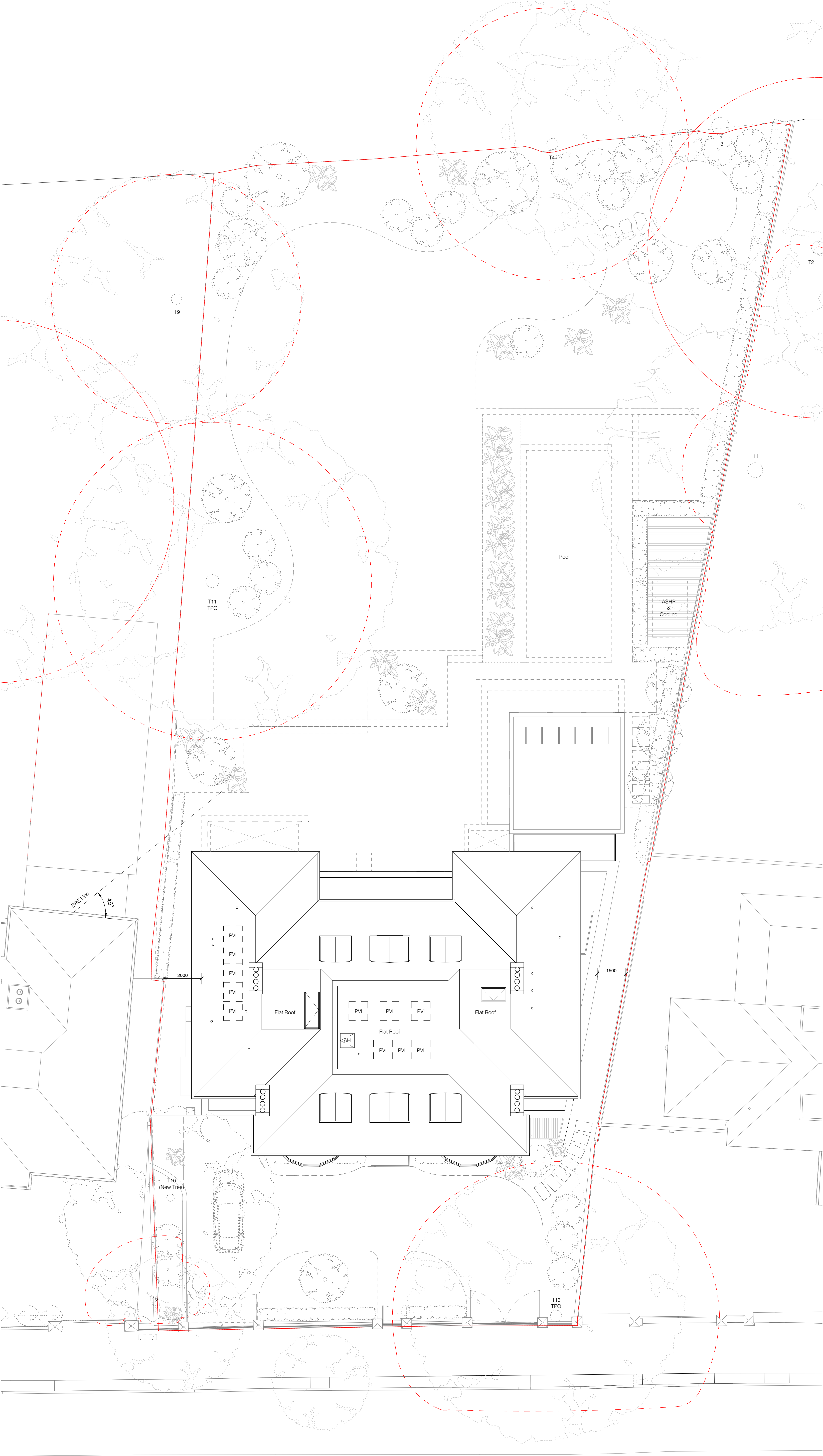
Drawn: AM/UD Approved by: AMB Signed: LG

Marek Wojciechowski Architects

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Key Site Plan



Scale: 1:1250 @A1

Key:

- Existing fabric
- Proposed structure
- Area of development

Trees:

Note: Refer to Arboriculturalist's Report

T1	Tulip Tree	T10	Lime
T2	Weeping Willow	T11	Silver Birch
T3	English Oak	T13	Silver Lime
T4	English Oak	T15	Magnolia
T9	Pine	T16	Replacement (New Tree)
- - -	Root Protection Zones		

- Existing Trees
- Proposed Trees

General Notes:

- Existing drawings based on April 2023 survey from On Centre Surveys.
- For landscape refer to Lanscape Plan by James Smith.
- For works to or near to trees refer to Tree Report by John Cromar's Arboricultural Company.

09.02.2024

Draft Issue for Planning

PLANNING

Project Number: 23002

Client: Eva Stengaard and Mark Tognolini

Date:

Scale: 1:200 @ A3 / 1:100 @ A1

Project: 41 Sheldon Avenue, N6

Drawing Title: Proposed Landscape Plan

Drawing No: SHA-MWA-B-00-DR-A-P1900

Drawn: AM/UD Approved by: AMB Signed: LG

Marek Wojciechowski Architects

66-68 Margaret Street W1W 8SR T: 020 7580 6396 www.mwa.co.uk

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0m 2m 4m 6m 8m 10m

39 SHELDON AVENUE

41 SHELDON AVENUE

43 SHELDON AVENUE

APPENDIX B

CCTV SURVEY REPORT



DRAINAGE SURVEY REPORT

41 SHELDON AVENUE

Issue

12/09/23

The Drainage Lab Limited

Trinity House, 3 Bullace Lane, Dartford, Kent, DA1 1BB

Company Number 09947690

email: info@thedrainagelab.com

www.thedrainagelab.com

Report Contents

Introduction

Drainage Layout

Manhole Chamber Inventory

CCTV Survey

Conclusion

Recommendations

Introduction

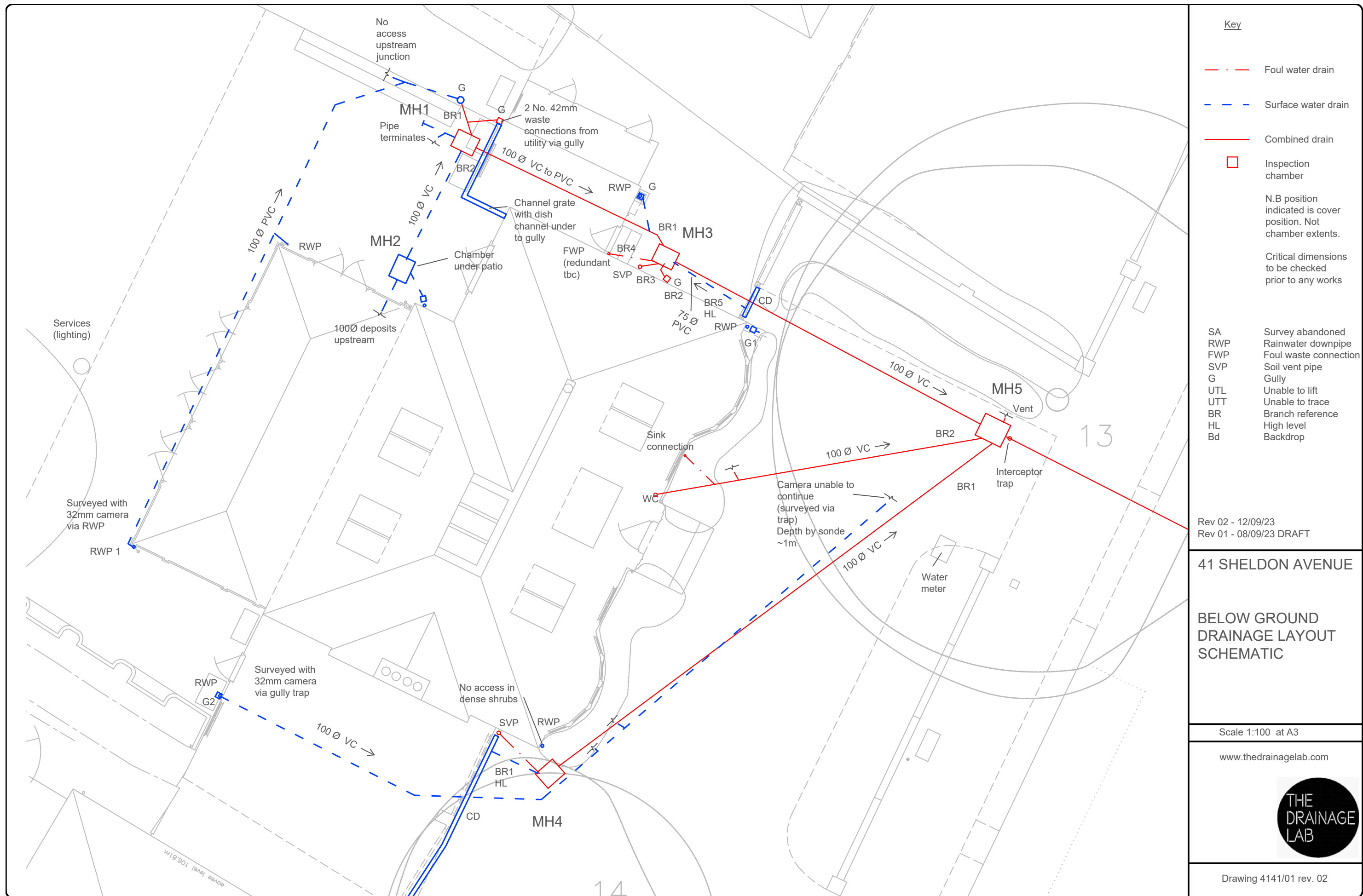
The Drainage Lab Ltd undertook a CCTV drainage survey of the below ground drainage at 41 Sheldon Avenue on Tuesday 5th August.

The weather was hot and dry.

Reference Drawings

vA P1v1 21343B-1 (Prelim) Land Survey

Drainage Layout Schematic



Key

- Foul water drain
- Surface water drain
- Combined drain
- Inspection chamber
- N.B position indicated is cover position. Not chamber extents.
- Critical dimensions to be checked prior to any works

- SA Survey abandoned
- RWP Rainwater downpipe
- FWP Foul waste connection
- SVP Soil vent pipe
- G Gully
- UTL Unable to lift
- UTT Unable to trace
- BR Branch reference
- HL High level
- Bd Backdrop

Rev 02 - 12/09/23
Rev 01 - 08/09/23 DRAFT

41 SHELDON AVENUE

BELOW GROUND
DRAINAGE LAYOUT
SCHEMATIC

Scale 1:100 at A3

www.thedrainagelab.com



Drawing 4141/01 rev. 02



Manhole Chamber Inventory

MH Ref MH 1	Photo MH 
Depth 1100mm	
Cover size 680 x 540mm	
Cover type steel Recessed paving	
Chamber size 660 x 640mm	
Chamber construction brick with ppic base	
Pipe size 100mm	
Channel material plastic	
Pipe material plastic	

MH2 under patio

MH Ref MH 3	Photo MH 
Depth 850mm	
Cover size 650 x 500mm	
Cover type Cast iron	
Chamber size 600 x 550mm	
Chamber construction brick	
Pipe size 100mm	
Channel material clay	
Pipe material clay	
Roots in Chamber	

MH Ref MH 4	Photo MH 
Depth 880mm	
Cover size 680 x 530mm	
Cover type Recessed steel with paving	
Chamber size 600 x 460mm	
Chamber construction Brick	
Pipe size 100mm	
Channel material clay	
Pipe material	

MH Ref MH 5	Photo MH 
Depth 1240mm	
BR1 1170mm	
BR2 1230mm	
Cover size 800 x 660mm	
Cover type steel Recessed paving	
Chamber size 900 x 600mm	
Chamber construction brick	
Pipe size 100mm	
Channel material clay	
Pipe material clay	

CCTV Survey

Drainage Report



Prepared For

Site

41 Sheldon Avenue
London

41 Sheldon Avenue
London

N6 4JP

N6 4JP

THE DRAINAGE LAB
Surveyor: R Street
info@thedrainagelab.com
07968886445

Total Defects for Project



Total DRB Grades for Project





41 Sheldon Avenue - CCTV Survey Report : 05/09/23

Name : THE DRAINAGE LAB
Contact :
Location :
Town :
Region :
Postcode :
Email : info@thedrainagelab.com
Contact Number : 07968886445
Surveyor : R Street
Valid Certification No :

Client Information

Name :
Contact :
Location : 41 Sheldon Avenue
Town : London
Region :
Postcode : N6 4JP
Tel :
Mobile :
Email :
Fax :

Site Information

Name :
Contact :
Location : 41 Sheldon Avenue
Town : London
Region :
Postcode : N6 4JP
Tel :
Mobile :
Email :
Fax :

Total Defects for Project



Total DRB Grades for Project



Report interpretation.

Overview:

Each section of the drainage system is allocated a score indicating areas that require attention. These areas are detailed in the Overview section on the following page and also at the bottom right of the first few pages. We use colour coding as an indicator of severity. Additional information concerning rehabilitation options/recommendations is included in the Overview page, which can also be used as an, "at a glance" indication of system condition. More in depth information for each section, including images can be found later in the report. Grade indicators are as follows:

Grade A: Drain is serviceable no recommendations required

Grade B: There is an issue that might require remedial works

Grade C: There is a defect that requires remedial works, the drain is not serviceable.

Observations:

Each section of drainage reported on (manhole to manhole for example), contains detailed information about that drain and any observations made concerning condition are detailed below the header section. The observations are colour coded and given a severity score, with more significant defects being given a higher score, using a scale from 1 to 5 as detailed below:

Severity 1 to 2: These defects may require remedial monitoring

Severity 3: These defects probably require some form of remedial works

Severity 4 to 5: Defects that will require remedial repair or replacement

General:

The information provided is relevant at the time of survey. The coding system in this report is based on the Manual of Sewer Condition Classification, 5th edition (MSCC5) domestic codes (BS EN 13508-1:2003). This is the official standard for the water industry.

The severity system is based on significant experience in general practice and the 1 -5 grades represent the severity of individual defects: 5 representing a more serious defect.

Please feel free to contact us for further explanation or pricing for remedial works required.

Total Defects for Project



Total DRB Grades for Project





Overview

Section: 1 From: MH1 To: US	Grade B	DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Surface Water
Section: 2 From: MH1 To: BR1	Grade A	DRB Grade: A Pipe Size: 100 Material: Polyvinyl Chloride Use: Combined
Section: 3 From: MH1 To: BR2 MH2	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water
Section: 4 From: MH2 To: US	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water
Section: 5 From: MH1 To: MH3	Grade B	DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Combined
Section: 6 From: MH3 To: US	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Foul
Section: 7 From: MH3 To: BR2	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Foul
Section: 8 From: MH3 To: BR3	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Foul

Total Defects for Project



Total DRB Grades for Project





Section: 9 From: MH3 To: BR4	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Foul
Section: 10 From: MH3 To: BR5 HL	Grade B	DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Surface Water
Section: 11 From: MH3 To: MH5	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Combined
Section: 12 From: MH4 To: US	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Foul
Section: 13 From: MH4 To: BR1 HL	Grade B	DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Surface Water
Section: 14 From: MH4 To: MH5	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Combined
Section: 15 From: MH5 To: BR2	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Foul
Section: 16 From: MH5 To: DS SEWER	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Combined
Section: 17 From: MH5 To: VENT	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Other

Total Defects for Project



Total DRB Grades for Project





Section: 18 From: G1 To: DS	Grade A	DRB Grade: A Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water
Section: 19 From: G2 To: DS	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water
Section: 20 From: RWP 1 To: DS	Grade B	DRB Grade: B Pipe Size: 100 Material: Polyvinyl Chloride Use: Surface Water

Total Defects for Project



Total DRB Grades for Project





Site: 41 Sheldon Avenue, London

Section 1

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH1	Finish Node Ref:	US	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	S
Start Node Coordinate:		Finish Node Coordinate:		Material:	PVC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	1.1	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		0_0		
00.00m	WL	Water level 0%			0:00:00	
00.00m	DES	S1 Settled deposits fine 30%	S1	0_2	0:00:00	
00.30m	JN	Junction 09 : 0mm Diameter		0_3	0:00:07	
00.70m	REM	General remark		0_4	0:00:16	
01.10m	DES	F1 Settled deposits fine 30%	F1	0_-2	0:00:00	
01.10m	WRF	Finish node type, major connection without		0_99		

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 1

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH1	Image Provided - Ref: 0_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.00m	0:00:00	S1 DES	Settled deposits fine 0m - 1.1m: 30% Cross sectional area loss - Severity 3	Image Provided - Ref: 0_2 
00.30m	0:00:07	JN	Junction at 09 o'clock: 0mm Diameter	Image Provided - Ref: 0_3 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
00.70m	0:00:16	REM	General remark Perforated pipe	Image Provided - Ref: 0_4 
01.10m	0:00:00	F1 DES	Settled deposits fine Defect End: 30% Cross sectional area loss - Severity 3	
01.10m		WRF	Finish node type, major connection without manhole terminated pipe	Image Provided - Ref: 0_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 2

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH1	Finish Node Ref:	BR1	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	C
Start Node Coordinate:		Finish Node Coordinate:		Material:	PVC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	1.3	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		1_0		
00.00m	WL	Water level 0%			0:00:00	
00.20m	JN	Junction 03 : 0mm Diameter		1_2	0:00:03	
00.70m	REM	General remark		1_4	0:00:19	
01.00m	LLH	Line of drain/sewer deviates left [half]		1_3	0:00:19	
01.30m	GYF	Finish node type Gully		1_99		

Total Defects for section

DRB Grade for Section

0 0 0 0 0



Descriptive Report with Remarks and Observation Images

Section 2

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH1	Image Provided - Ref: 1_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.20m	0:00:03	JN	Junction at 03 o'clock: 0mm Diameter	Image Provided - Ref: 1_2 
00.70m	0:00:19	REM	General remark general condition	Image Provided - Ref: 1_4 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
01.00m	0:00:19	LLH	Line of drain/sewer deviates left [half]	Image Provided - Ref: 1_3 
01.30m		GYF	Finish node type Gully BR1	Image Provided - Ref: 1_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 3

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH1	Finish Node Ref:	BR2 MH2	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	S
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	3.5	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		2_0		
00.00m	WL	Water level 0%			0:00:00	
00.20m	LLQ	Line of drain/sewer deviates left [quarter]		2_2	0:00:02	
00.30m	JDM	Joint displaced medium		2_3	0:00:03	
00.30m	MC	Material of drain/sewer changes		2_4	0:00:04	
01.50m	JDM	Joint displaced medium		2_5	0:00:47	
02.30m	REM	General remark		2_6	0:00:57	
02.70m	JDM	Joint displaced medium		2_7	0:01:00	
03.50m	MHF	Finish node type, manhole		2_99		

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 3

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH1	Image Provided - Ref: 2_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.20m	0:00:02	LLQ	Line of drain/sewer deviates left [quarter]	Image Provided - Ref: 2_2 
00.30m	0:00:03	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 2_3 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
00.30m	0:00:04	MCVC	Material of pipe changes to Vitrified Clay (i.e. all clayware)	Image Provided - Ref: 2_4 
01.50m	0:00:47	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 2_5 
02.30m	0:00:57	REM	General remark general condition	Image Provided - Ref: 2_6 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
02.70m	0:01:00	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 2_7 
03.50m		MHF	Finish node type, manhole BR2 MH2	Image Provided - Ref: 2_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 4

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH2	Finish Node Ref:	US	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	S
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	1	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		3_0		
00.00m	WL	Water level 0%			0:00:00	
00.00m	DES	Settled deposits fine 20%		3_2	0:00:00	
01.00m	OB	Other obstacles 80%		3_3	0:00:18	
01.00m	SA	Survey abandoned		3_99		

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 4

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH2	Image Provided - Ref: 3_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.00m	0:00:00	DES	Settled deposits fine: 20% Cross sectional area loss - Severity 3	Image Provided - Ref: 3_2 
01.00m	0:00:18	OB	Other obstacles: 80% Cross sectional area loss - Severity 3 concrete	Image Provided - Ref: 3_3 

Total Defects for section



DRB Grade for Section





Pos	Video Ref	Code	Description	Image
01.00m		SA	Survey abandoned camera unable to pass	Image Provided - Ref: 3_9999

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 5

Client:	Location (Street Name):	City/Town/Village	Cust Job Ref.	Surveyors Name:	Date:		
	41 Sheldon Avenue	London			05/09/2023		
Start Node Ref:	MH1	Finish Node Ref:	MH3	Direction:	D	Height/Dia:	100
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	C	Shape:	C
Start Node Coordinate:		Finish Node Coordinate:		Material:	PVC	Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	6.7	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		4_0		
00.00m	WL	Water level 0%			0:00:00	
00.20m	JDM	Joint displaced medium		4_2	0:00:08	
00.20m	MC	Material of drain/sewer changes		4_3	0:00:10	
00.30m	JDM	Joint displaced medium		4_4	0:00:14	
00.30m	CC	Crack, circumferential 09-03		4_5	0:00:14	
01.60m	JDM	Joint displaced medium		4_6	0:00:31	
03.00m	REM	General remark		4_7	0:00:43	
03.60m	JDM	Joint displaced medium		4_8	0:00:54	
05.00m	JDM	Joint displaced medium		4_9	0:01:12	
05.30m	JDM	Joint displaced medium		4_10	0:01:20	
05.30m	MC	Material of drain/sewer changes		4_14	0:01:26	
05.40m	WL	Water level 30%		4_11	0:01:27	
05.70m	JN	Junction 10 : 0mm Diameter		4_12	0:01:30	
06.40m	LRH	Line of drain/sewer deviates right [half]		4_13	0:01:45	
06.70m	MHF	Finish node type, manhole		4_99		

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 5

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH1	Image Provided - Ref: 4_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.20m	0:00:08	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 4_2 
00.20m	0:00:10	MCVC	Material of pipe changes to Vitrified Clay (i.e. all clayware)	Image Provided - Ref: 4_3 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
00.30m	0:00:14	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 4_4 
00.30m	0:00:14	CC	Crack, circumferential from 09 o'clock to 03 o'clock - Severity 1	Image Provided - Ref: 4_5 
01.60m	0:00:31	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 4_6 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
03.00m	0:00:43	REM	General remark general condition	Image Provided - Ref: 4_7
03.60m	0:00:54	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 4_8
05.00m	0:01:12	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 4_9

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
05.30m	0:01:20	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 4_10 
05.30m	0:01:26	MCPVC	Material of pipe changes to Polyvinyl Chloride	Image Provided - Ref: 4_14 
05.40m	0:01:27	WL	Water level: 30% Height/Diameter	Image Provided - Ref: 4_11 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
05.70m	0:01:30	JN	Junction at 10 o'clock: 0mm Diameter	Image Provided - Ref: 4_12 
06.40m	0:01:45	LRH	Line of drain/sewer deviates right [half]	Image Provided - Ref: 4_13 
06.70m		MHF	Finish node type, manhole MH3	Image Provided - Ref: 4_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

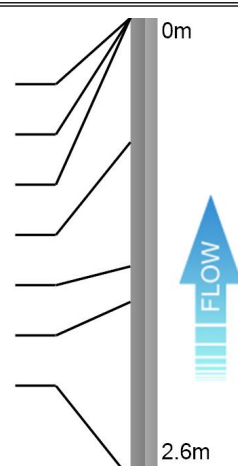
Section 6

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH3	Finish Node Ref:	US	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	F
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	2.6	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		5_0		
00.00m	WL	Water level 0%			0:00:00	
00.00m	DES	Settled deposits fine 30%		5_2	0:00:00	
00.70m	JDM	Joint displaced medium		5_3	0:00:08	
01.40m	JDM	Joint displaced medium		5_4	0:00:22	
01.60m	LRH	Line of drain/sewer deviates right [half]		5_5	0:00:24	
02.60m	MHF	Finish node type, manhole		5_99		



Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 6

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH3	Image Provided - Ref: 5_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.00m	0:00:00	DES	Settled deposits fine: 30% Cross sectional area loss - Severity 3	Image Provided - Ref: 5_2 
00.70m	0:00:08	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 5_3 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
01.40m	0:00:22	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 5_4 
01.60m	0:00:24	LRH	Line of drain/sewer deviates right [half]	Image Provided - Ref: 5_5 
02.60m		MHF	Finish node type, manhole US	Image Provided - Ref: 5_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 7

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH3	Finish Node Ref:	BR2	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	F
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	0.3	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		6_0		
00.00m	WL	Water level 0%			0:00:00	
00.00m	DES	Settled deposits fine 10%		6_2	0:00:00	
00.30m	BRF	Finish node type, major connection without		6_99		

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 7

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH3	Image Provided - Ref: 6_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.00m	0:00:00	DES	Settled deposits fine: 10% Cross sectional area loss - Severity 3	Image Provided - Ref: 6_2 
00.30m		BRF	Finish node type, major connection without manhole BR2	Image Provided - Ref: 6_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 8

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH3	Finish Node Ref:	BR3	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	F
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	0.4	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		7_0		
00.00m	WL	Water level 0%			0:00:00	
00.30m	JDM	Joint displaced medium		7_2	0:00:08	
00.40m	BRF	Finish node type, major connection without		7_99		

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 8

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH3	Image Provided - Ref: 7_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.30m	0:00:08	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 7_2 
00.40m		BRF	Finish node type, major connection without manhole BR3	Image Provided - Ref: 7_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 9

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH3	Finish Node Ref:	BR4	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	F
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	0.5	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		8_0		
00.00m	WL	Water level 0%			0:00:00	
00.20m	LRQ	Line of drain/sewer deviates right [quarter]		8_2	0:00:01	
00.20m	JDM	Joint displaced medium		8_3	0:00:01	
00.50m	BRF	Finish node type, major connection without		8_99		

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 9

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH3	Image Provided - Ref: 8_0  A top-down view of a manhole opening. The concrete structure is visible, and the dark interior of the pipe leads down. Text in the top left corner reads '41 SHELDON AVENUE MH3 BR4'. A scale marker '0.00m' is in the bottom right corner.
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.20m	0:00:01	LRQ	Line of drain/sewer deviates right [quarter]	Image Provided - Ref: 8_2  A view looking down into the manhole. The concrete walls are visible, and the pipe continues downwards. Text in the top left corner reads '41 SHELDON AVENUE MH3 BR4'. A scale marker '0.11m' is in the bottom right corner.
00.20m	0:00:01	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 8_3  A view looking down into the manhole, showing a joint displacement. The concrete walls are visible, and the pipe continues downwards. Text in the top left corner reads '41 SHELDON AVENUE MH3 BR4'. A scale marker '0.15m' is in the bottom right corner.

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
00.50m		BRF	Finish node type, major connection without manhole BR4	Image Provided - Ref: 8_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 10

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH3	Finish Node Ref:	BR5 HL	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	S
Start Node Coordinate:		Finish Node Coordinate:		Material:	PVC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	1.2	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		9_0		
00.00m	WL	Water level 0%			0:00:00	
00.00m	DES	S1 Settled deposits fine 10%	S1	9_2	0:00:02	
01.20m	DES	F1 Settled deposits fine 10%	F1	9_-2	0:00:02	
01.20m	SA	Survey abandoned		9_99		

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 10

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH3	Image Provided - Ref: 9_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.00m	0:00:02	S1 DES	Settled deposits fine 0m - 1.2m: 10% Cross sectional area loss - Severity 3	Image Provided - Ref: 9_2 
01.20m	0:00:02	F1 DES	Settled deposits fine Defect End: 10% Cross sectional area loss - Severity 3	
01.20m		SA	Survey abandoned camera unable to pass	Image Provided - Ref: 9_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 11

Client:	Location (Street Name):	City/Town/Village	Cust Job Ref.	Surveyors Name:	Date:
	41 Sheldon Avenue	London			05/09/2023
Start Node Ref:	MH3	Finish Node Ref:	MH5	Direction: D	Height/Dia: 100
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use: C	Shape: C
Start Node Coordinate:		Finish Node Coordinate:		Material: VC	Cleaned N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	10	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		10_0		
00.00m	WL	Water level 0%			0:00:00	
00.70m	JDM	Joint displaced medium		10_2	0:00:05	
02.00m	JDM	Joint displaced medium		10_3	0:00:19	
03.50m	REM	General remark		10_4	0:00:33	
03.80m	JDM	Joint displaced medium		10_5	0:00:36	
04.40m	JDM	Joint displaced medium		10_6	0:00:46	
05.60m	JDM	Joint displaced medium		10_7	0:00:59	
06.00m	REM	General remark		10_8	0:01:08	
07.60m	JDM	Joint displaced medium		10_9	0:01:22	
08.20m	JDM	Joint displaced medium		10_1	0:01:28	
09.20m	REM	General remark		10_1	0:01:39	
09.40m	JDM	Joint displaced medium		10_1	0:01:41	
10.00m	MHF	Finish node type, manhole		10_9		

Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 11

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH3	Image Provided - Ref: 10_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.70m	0:00:05	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 10_2 
02.00m	0:00:19	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 10_3 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
03.50m	0:00:33	REM	General remark general condition	Image Provided - Ref: 10_4 
03.80m	0:00:36	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 10_5 
04.40m	0:00:46	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 10_6 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
05.60m	0:00:59	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 10_7 
06.00m	0:01:08	REM	General remark general condition	Image Provided - Ref: 10_8 
07.60m	0:01:22	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 10_9 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
08.20m	0:01:28	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 10_10 
09.20m	0:01:39	REM	General remark general condition	Image Provided - Ref: 10_11 
09.40m	0:01:41	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 10_12 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
10.00m		MHF	Finish node type, manhole MH5	Image Provided - Ref: 10_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 12

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH4	Finish Node Ref:	US	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	F
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	1.8	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		11_0		
00.00m	WL	Water level 0%			0:00:00	
00.60m	JDM	Joint displaced medium		11_2	0:00:08	
01.00m	REM	General remark		11_4	0:00:14	
01.50m	JDM	Joint displaced medium		11_3	0:00:20	
01.80m	BRF	Finish node type, major connection without		11_9		

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 12

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH4	Image Provided - Ref: 11_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.60m	0:00:08	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 11_2 
01.00m	0:00:14	REM	General remark general condition	Image Provided - Ref: 11_4 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
01.50m	0:00:20	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 11_3 
01.80m		BRF	Finish node type, major connection without manhole US	Image Provided - Ref: 11_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 13

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH4	Finish Node Ref:	BR1 HL	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	S
Start Node Coordinate:		Finish Node Coordinate:		Material:	PVC
				Cleaned	N
Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks	
MH					

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	1.5	

Position	Code	Description	CD	Pic	Video Ref		
00.00m	MH	Start node type, manhole		12_0			
00.00m	WL	Water level 0%			0:00:00		
00.00m	DER	S1 Settled deposits coarse 20%	S1	12_2	0:00:00		
01.50m	DER	F1 Settled deposits coarse 20%	F1	12_-	0:00:00		
01.50m	GYF	Finish node type Gully		12_9			

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 13

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH4	Image Provided - Ref: 12_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.00m	0:00:00	S1 DER	Settled deposits coarse 0m - 1.5m: 20% Cross sectional area loss - Severity 3	Image Provided - Ref: 12_2 
01.50m	0:00:00	F1 DER	Settled deposits coarse Defect End: 20% Cross sectional area loss - Severity 3	
01.50m		GYF	Finish node type Gully BR1 HL	Image Provided - Ref: 12_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

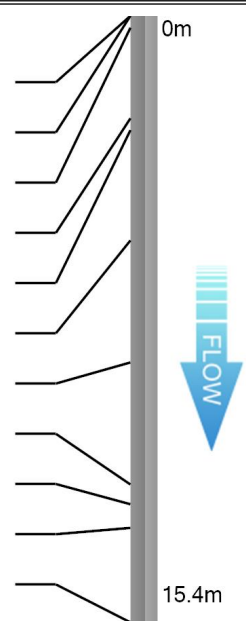
Section 14

Client:	Location (Street Name):	City/Town/Village	Cust Job Ref.	Surveyors Name:	Date:
	41 Sheldon Avenue	London			05/09/2023
Start Node Ref:	MH4	Finish Node Ref:	MH5	Direction: D	Height/Dia: 100
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use: C	Shape: C
Start Node Coordinate:		Finish Node Coordinate:		Material: VC	Cleaned N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	15.4	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		13_0		
00.00m	WL	Water level 0%			0:00:00	
00.30m	JDM	Joint displaced medium		13_2	0:00:07	
02.60m	REM	General remark		13_3	0:00:40	
02.90m	JDM	Joint displaced medium		13_4	0:00:43	
05.70m	REM	General remark		13_5	0:01:09	
08.80m	REM	General remark		13_6	0:01:35	
11.90m	REM	General remark		13_7	0:02:05	
12.40m	JDM	Joint displaced medium		13_8	0:02:09	
13.00m	JDM	Joint displaced medium		13_9	0:02:15	
15.40m	MHF	Finish node type, manhole		13_9		



Total Defects for section

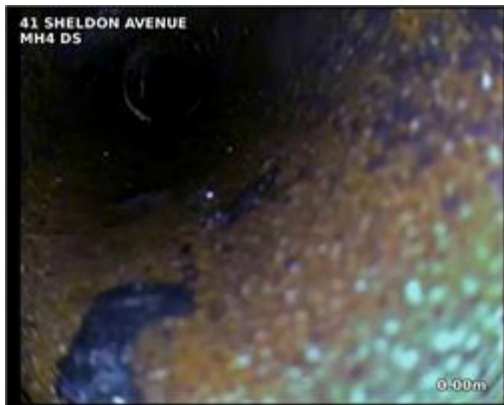


DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 14

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH4	Image Provided - Ref: 13_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.30m	0:00:07	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 13_2 
02.60m	0:00:40	REM	General remark general condition	Image Provided - Ref: 13_3 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
02.90m	0:00:43	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 13_4 
05.70m	0:01:09	REM	General remark general condition	Image Provided - Ref: 13_5 
08.80m	0:01:35	REM	General remark general condition	Image Provided - Ref: 13_6 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
11.90m	0:02:05	REM	General remark general condition	Image Provided - Ref: 13_7 
12.40m	0:02:09	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 13_8 
13.00m	0:02:15	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 13_9 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
15.40m		MHF	Finish node type, manhole MH5	Image Provided - Ref: 13_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

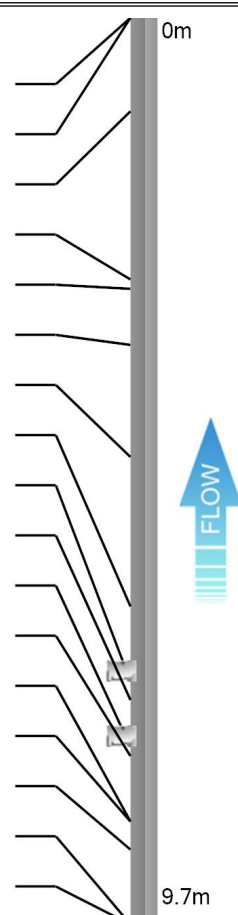
Section 15

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH5	Finish Node Ref:	BR2	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	F
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	9.7	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		14_0		
00.00m	WL	Water level 0%			0:00:00	
01.00m	JDM	Joint displaced medium		14_2	0:00:16	
02.80m	JDM	Joint displaced medium		14_3	0:00:35	
02.90m	REM	General remark		14_4	0:00:37	
03.50m	JDM	Joint displaced medium		14_5	0:00:43	
04.70m	CL	Crack, longitudinal 02		14_6	0:00:57	
06.30m	REM	General remark		14_7	0:01:13	
07.10m	JN	Junction 03 : 0mm Diameter		14_8	0:01:22	
07.30m	CC	Crack, circumferential 07-12		14_9	0:01:36	
07.80m	JN	Junction 02 : 0mm Diameter		14_1	0:01:50	
07.90m	JDM	Joint displaced medium		14_1	0:02:03	
08.60m	JDM	Joint displaced medium		14_1	0:02:09	
08.60m	LRQ	Line of drain/sewer deviates right [quarter]		14_1	0:02:09	
08.90m	JDM	Joint displaced medium		14_1	0:02:15	
09.70m	DEE	Attached deposits, encrustation 02-08 30%		14_1	0:02:25	
09.70m	BRF	Finish node type, major connection without		14_9		



Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 15

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH5	Image Provided - Ref: 14_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
01.00m	0:00:16	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 14_2 
02.80m	0:00:35	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 14_3 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
02.90m	0:00:37	REM	General remark general condition	Image Provided - Ref: 14_4 
03.50m	0:00:43	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 14_5 
04.70m	0:00:57	CL	Crack, longitudinal at 02 o'clock - Severity 1	Image Provided - Ref: 14_6 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
06.30m	0:01:13	REM	General remark general condition	Image Provided - Ref: 14_7 
07.10m	0:01:22	JN	Junction at 03 o'clock: 0mm Diameter	Image Provided - Ref: 14_8 
07.30m	0:01:36	CC	Crack, circumferential from 07 o'clock to 12 o'clock - Severity 1	Image Provided - Ref: 14_9 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
07.80m	0:01:50	JN	Junction at 02 o'clock: 0mm Diameter	Image Provided - Ref: 14_10 
07.90m	0:02:03	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 14_11 
08.60m	0:02:09	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 14_12 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
08.60m	0:02:09	LRQ	Line of drain/sewer deviates right [quarter]	Image Provided - Ref: 14_13 
08.90m	0:02:15	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 14_14 
09.70m	0:02:25	DEE	Attached deposits, encrustation from 02 o'clock to 08 o'clock: 30% Cross sectional area loss - Severity 3	Image Provided - Ref: 14_15 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
09.70m		BRF	Finish node type, major connection without manhole BR2	Image Provided - Ref: 14_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 16

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH5	Finish Node Ref:	DS SEWER	Direction:	D
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	C
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	8.6	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		15_0		
00.00m	WL	Water level 0%			0:00:00	
00.70m	R	Roots		15_2	0:00:06	
00.70m	CR	Crack, radiates from 06		15_8	0:00:06	
00.80m	FL	Fracture longitudinal 04		15_9	0:00:13	
01.20m	R	Roots		15_3	0:00:16	
02.50m	CC	Crack, circumferential 10-03		15_4	0:00:30	
04.30m	REM	General remark		15_5	0:00:41	
07.60m	JDM	Joint displaced medium		15_6	0:01:01	
08.50m	LDH	Line of drain/sewer deviates down [half]		15_7	0:01:07	
08.60m	BRF	Finish node type, major connection without		15_9		

Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 16

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH5	Image Provided - Ref: 15_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.70m	0:00:06	R	Roots - Severity 3	Image Provided - Ref: 15_2 
00.70m	0:00:06	CR	Crack, radiates from 06 o'clock - Severity 1	Image Provided - Ref: 15_8 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
00.80m	0:00:13	FL	Fracture longitudinal at 04 o'clock - Severity 3	Image Provided - Ref: 15_9 
01.20m	0:00:16	R	Roots - Severity 3	Image Provided - Ref: 15_3 
02.50m	0:00:30	CC	Crack, circumferential from 10 o'clock to 03 o'clock - Severity 1	Image Provided - Ref: 15_4 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
04.30m	0:00:41	REM	General remark general condition	Image Provided - Ref: 15_5 
07.60m	0:01:01	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 15_6 
08.50m	0:01:07	LDH	Line of drain/sewer deviates down [half] line down to sewer	Image Provided - Ref: 15_7 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
08.60m		BRF	Finish node type, major connection without manhole DS SEWER- LINE DOWN TO SEWER	Image Provided - Ref: 15_9999 

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 17

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	MH5	Finish Node Ref:	VENT	Direction:	U
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	Z
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	0	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		16_0		—
00.00m	WL	Water level 0%			0:00:00	—
00.00m	DER	Settled deposits coarse 100%			0:00:02	—
00.00m	SA	Survey abandoned		16_9		—



Total Defects for section



DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 17

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH5	Image Provided - Ref: 16_0  0.00m
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.00m	0:00:02	DER	Settled deposits coarse: 100% Cross sectional area loss - Severity 3	
00.00m		SA	Survey abandoned camera unable to pass	Image Provided - Ref: 16_9999  0.00m

Total Defects for section



DRB Grade for Section





Site: 41 Sheldon Avenue, London

Section 18

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	G1	Finish Node Ref:	DS	Direction:	D
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	S
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	0	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		17_0		—
00.00m	WL	Water level 0%			0:00:00	—
00.00m	SA	Survey abandoned		17_9		—



Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 18

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole G1	Image Provided - Ref: 17_0 
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.00m		SA	Survey abandoned camera unable to pass gully	Image Provided - Ref: 17_9999 

Total Defects for section

DRB Grade for Section

0 0 0 0 0





Site: 41 Sheldon Avenue, London

Section 19

Client:	Location (Street Name): 41 Sheldon Avenue	City/Town/Village London	Cust Job Ref.	Surveyors Name:	Date: 05/09/2023
Start Node Ref:	G2	Finish Node Ref:	DS	Direction:	D
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	S
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC
				Cleaned	N

Node Type	Cover Condition	Benching Condition	1/2 Channel Condition	Node Condition Remarks
MH				

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	General Remarks
A				D	N	22.9	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole		18_0		0m
00.00m	WL	Water level 0%			0:00:00	
00.50m	DES	S1 Settled deposits fine 20%	S1	18_2	0:00:25	
01.80m	DES	F1 Settled deposits fine 20%	F1	18_-	0:00:25	
04.40m	REM	General remark		18_3	0:01:23	
06.20m	JDM	Joint displaced medium		18_4	0:01:47	
06.20m	LLH	Line of drain/sewer deviates left [half]		18_5	0:01:47	
06.80m	JDM	Joint displaced medium		18_6	0:01:55	
06.80m	LLH	Line of drain/sewer deviates left [half]		18_7	0:01:55	
07.40m	JDM	Joint displaced medium		18_8	0:02:06	
07.40m	CC	Crack, circumferential 10-04		18_9	0:02:06	
07.40m	LLH	Line of drain/sewer deviates left [half]		18_1	0:02:06	
08.30m	REM	General remark		18_1	0:02:18	
10.00m	JDM	Joint displaced medium		18_1	0:02:54	
10.30m	JN	Junction 11 : 0mm Diameter		18_1	0:02:57	
11.20m	JDM	Joint displaced medium		18_1	0:03:24	
11.30m	LLH	Line of drain/sewer deviates left [half]		18_1	0:03:25	
12.20m	JN	Junction 12 : 0mm Diameter		18_1	0:03:38	
12.50m	JDM	Joint displaced medium		18_1	0:03:47	
13.00m	JN	Junction 09 : 0mm Diameter		18_1	0:03:50	
13.70m	JDM	Joint displaced medium		18_1	0:03:59	
15.00m	JDM	Joint displaced medium		18_2	0:04:20	
15.70m	JDM	Joint displaced medium		18_2	0:04:39	
15.90m	REM	General remark		18_2	0:04:41	
19.00m	REM	General remark		18_2	0:05:48	19.00m

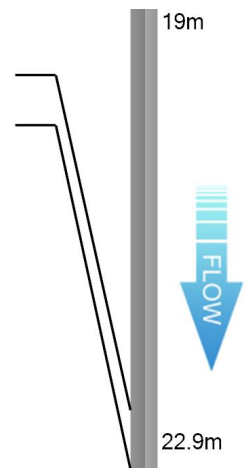
DRB Grade for Section

Total Defects for section



Position	Code	Description
22.40m	REM	General remark
22.90m	SA	Survey abandoned

CD	Pic	Video Ref
	18_2	0:07:16
	18_9	



Total Defects for section

DRB Grade for Section

