



Happy Drains Ltd. Unit 12A Chalex Industrial Estate,
Manor Hall Road, Southwick, BN42 4NH

HAPPY DRAINS LTD
UNIT 12B CHALEX IND ESTATE, MANOR HALL ROAD



Project

Project Name: 36 Painter Wood Whalley_BB7 9JD

Project Date: 14/02/2022

Inspection Standard: MSCC5 Domestic GB (DRB Scoring)



Table of Contents

Project Name
36 Painter Wood Whalley, BB7 9JD

Project Number

Project Date
14/02/2022

Project Information	P-1
Section: 1; GY > MH1 (GYX)	1
Section: 2; SVP > MH1 (SVPX)	3
Section: 3; MH1 > BRF (MH1X)	5
Section: 4; SVP > MH2 (SVPX)	7
Section: 5; UNKNOWN > MH2 (UNKNOWNX)	9
Section: 6; MH2 > OFF PROP (MH2X)	11
Section: 7; MH3 > MH2 (MH3X)	15
Section: 8; GY > MH3 (GYX)	17



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Manor Hall Road, Southwick, BN42 4NH.

HAPPY DRAINS LTD
UNIT 12B CHALEX IND ESTATE, MANOR HALL ROAD

Project Information

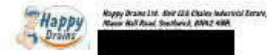
Project Name
36 Painter Wood Whalley_BB7 9JD

Project Number

Project Date
14/02/2022

Contractor

Company: HAPPY DRAINS LTD
Contact: REPORTS@HAPPYDRAINS LTD
Street: UNIT 12B CHALEX IND ESTATE
Town or City: MANOR HALL ROAD
County: BN42 4NH





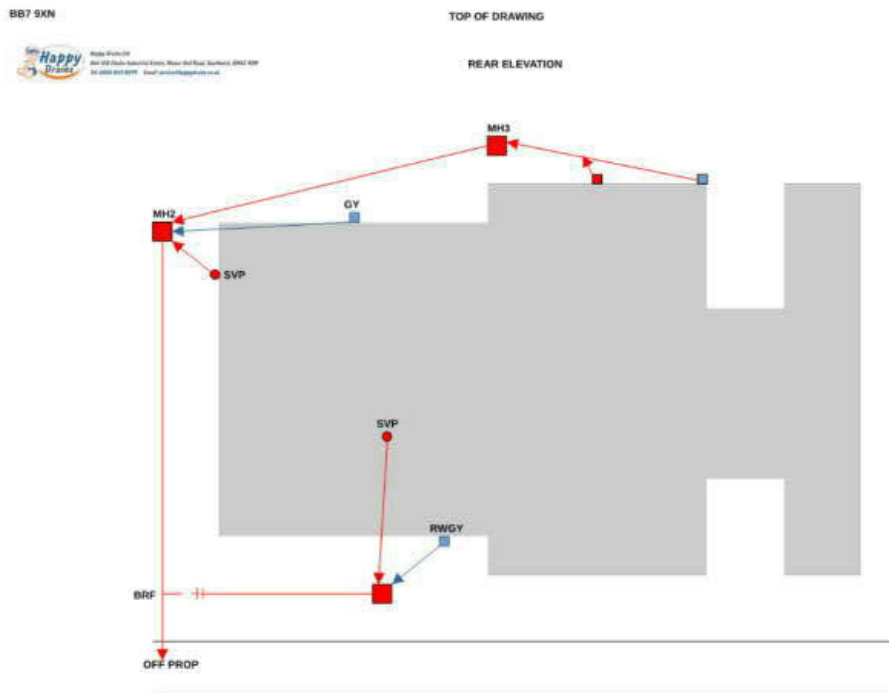
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Project Drawing, Page '36 Painter Wood Whalley_BB7 9JD'





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UNIT 12B CHALEX IND ESTATE, MANOR HALL ROAD

Section Inspection - 13/02/2022 - GYX

Section 1	Inspection 1	Date 13. February 2022	Client's Ref C1003529	Contractor's Ref C1003529	Surface Type Concrete Footway	PLR GYX
Operator ROB	Vehicle J7 SEV	Camera SOLO PRO 2	Temperature	Pre Cleaned No	Weather No rain or snow	

Town or Village:	BILLINGTON	Inspection Direction:	Upstream	US MH:	GY
Road:	38 PAINTER WOOD WHALLEY	Use:	Foul	US Depth:	0.45 m
Location:	Other walkway	Total Length:	0.30 m	DS MH:	MH1
Post Code:	BB7 9JD			DS Depth:	0.40 m

Inspection Purpose	Sample condition survey	Pipe Shape:	Circular
Surface Defects:		Height / Width:	100 / 100mm
Lining Type:	None	Pipe Material:	Vitrified Clay
Lining Material:	None	Standard:	WRC MSCC5 Light

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
		0.00	MH	Start manhole, MH1: LARGE DEPOSITS IN MANHOLE INVERT	 MH - 0.00 m
		0.30	GYF	Finish gully, GY, the pipe is flowing fine	 GYF - 0.30 m
Depth: 0.45					

Structural Defects	Construction Features
Service & Operational Observations	Miscellaneous Features
Pipe Condition Grade: Not Specified	Service Condition: Serviceable



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UNIT 12B CHALEX IND ESTATE, MANOR HALL ROAD

Section Pictures - 13/02/2022 - GYX

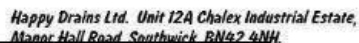
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	GYX	C1003529	C1003529



1-1-1A, 00:00:00, 0.00 m
Start manhole, MH1, LARGE DEPOSITS IN MANHOLE
INVERT



1-1-2A, 00:00:04, 0.30 m
Finish gully, GY, the pipe is flowing fine



Section Inspection - 13/02/2022 - SVPX

Section 2	Inspection 1	Date 13. February 2022	Client's Ref C1003529	Contractor's Ref C1003529	Surface Type Concrete Footway	PLR SVPX
Operator ROB		Vehicle J7 SEV	Camera SOLO PRO 2	Temperature	Pre Cleaned No	Weather No rain or snow

Town or Village:	BILLINGTON	Inspection Direction:	Upstream	US MH:	SVP
Road:	38 PAINTER WOOD WHALLEY	Use:	Foul	US Depth:	0.45 m
Location:	Other walkway	Total Length:	1.82 m	DS MH:	MH1
Post Code:	BB7 9JD			DS Depth:	80.00 m

Inspection Purpose	Sample condition survey	Pipe Shape:	Circular
Surface Defects:		Height / Width:	100 / 100mm
Lining Type:	None	Pipe Material:	Vitrified Clay
Lining Material:	None	Standard:	WRC MSCC5 Light

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
Depth: 80.00 MH1					
		0.00	MH	Start manhole, MH1	
		0.04	JDL	Large displaced joint	C
		1.82	GYF	Finish gully, SVP, the pipe is unserviceable	
MH - 0.00 m JDL - 0.04 m GYF - 1.82 m					
Depth: 0.45					

Structural Defects	Construction Features
Service & Operational Observations	Miscellaneous Features
Pipe Condition Grade: C	Service Condition: Not Serviceable



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UNIT 12B CHALEX IND ESTATE, MANOR HALL ROAD

Section Pictures - 13/02/2022 - SVPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	SVPX	C1003529	C1003529



2-1-1A, 00:00:00, 0.00 m
Start manhole, MH1



2-1-2A, 00:00:05, 0.04 m
Large displaced joint



2-1-3A, 00:00:18, 1.82 m
Finish gully, SVP, the pipe is unserviceable



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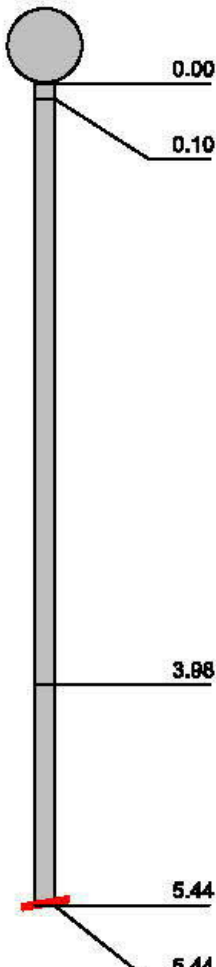
Section Inspection - 13/02/2022 - MH1X

Section 3	Inspection 1	Date 13. February 2022	Client's Ref C1003529	Contractor's Ref C1003529	Surface Type Concrete Footway	PLR MH1X
Operator ROB	Vehicle J7 SEV	Camera SOLO PRO 2	Temperature	Pre Cleaned No	Weather No rain or snow	

Town or Village:	BILLINGTON	Inspection Direction:	Downstream	US MH:	MH1
Road:	38 PAINTER WOOD WHALLEY	Use:	Foul	US Depth:	
Location:	Other walkway	Total Length:	5.44 m	DS MH:	BRF
Post Code:	BB7 9JD			DS Depth:	

Inspection Purpose	Sample condition survey	Pipe Shape:	Circular
Surface Defects:		Height / Width:	100 / 100mm
Lining Type:	None	Pipe Material:	Vitrified Clay
Lining Material:	None	Standard:	WRC MSCC5 Light

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: MH1				
	0.00	MH	Start manhole, MH1	
	0.10	JDL	Large displaced joint	C
				 MH - 0.00 m
				 JDL - 0.10 m
				 CCJ - 3.98 m
	3.98	CCJ	Circumferential crack at joint from 6 o'clock to 1 o'clock	A
				 XP - 5.44 m
	5.44	XP	Collapsed drain or sewer, 75% area loss: REQUIRES EXCAVATION AND REPAIR	C
	5.44	SA	Survey abandoned, the pipe is unserviceable: UNABLE TO PASS	A

Structural Defects	Construction Features
Service & Operational Observations	Miscellaneous Features
Pipe Condition Grade: C	Service Condition: Not Serviceable



Section Pictures - 13/02/2022 - MH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH1X	C1003529	C1003529



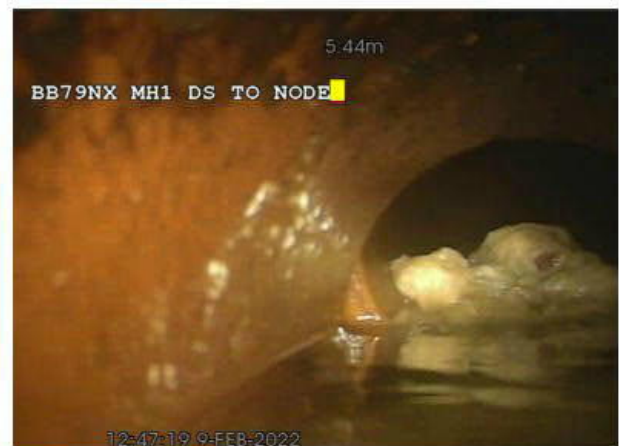
3-1-1A, 00:00:00, 0.00 m
Start manhole, MH1



3-1-2A, 00:00:07, 0.10 m
Large displaced joint



3-1-3A, 00:00:17, 3.98 m
Circumferential crack at joint from 6 o'clock to 1 o'clock



3-1-4A, 00:00:24, 5.44 m
Collapsed drain or sewer, 75% area loss, REQUIRES
EXCAVATION AND REPAIR



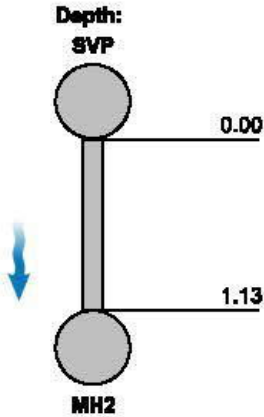
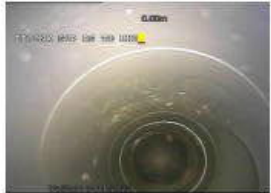
Section Inspection - 13/02/2022 - SVPX

Section 4	Inspection 1	Date 13. February 2022	Client's Ref C1003529	Contractor's Ref C1003529	Surface Type Concrete Footway	PLR SVPX
Operator ROB	Vehicle J7 SEV	Camera SOLO PRO 2	Temperature	Pre Cleaned No	Weather No rain or snow	

Town or Village:	BILLINGTON	Inspection Direction:	Downstream	US MH:	SVP
Road:	38 PAINTER WOOD WHALLEY	Use:	Foul	US Depth:	
Location:	Other walkway	Total Length:	1.13 m	DS MH:	MH2
Post Code:	BB7 9JD			DS Depth:	

Inspection Purpose	Sample condition survey	Pipe Shape:	Circular
Surface Defects:		Height / Width:	100 / 100mm
Lining Type:	None	Pipe Material:	Polyvinyl Chloride
Lining Material:	None	Standard:	WRC MSCC5 Light

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: SVP				
	0.00	RE	Start rodding eye, SVP	
	1.13	MHF	Finish manhole, MH2, the pipe is flowing fine	
				MHF - 1.13 m
Depth:				

Structural Defects	Construction Features
Service & Operational Observations	Miscellaneous Features
Pipe Condition Grade: Not Specified	Service Condition: Serviceable



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Section Pictures - 13/02/2022 - SVPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	SVPX	C1003529	C1003529



4-1-1A, 00:00:00, 0.00 m
Start rodding eye, SVP



4-1-2A, 00:00:09, 1.13 m
Finish manhole, MH2, the pipe is flowing fine



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UNIT 12B CHALEX IND ESTATE, MANOR HALL ROAD

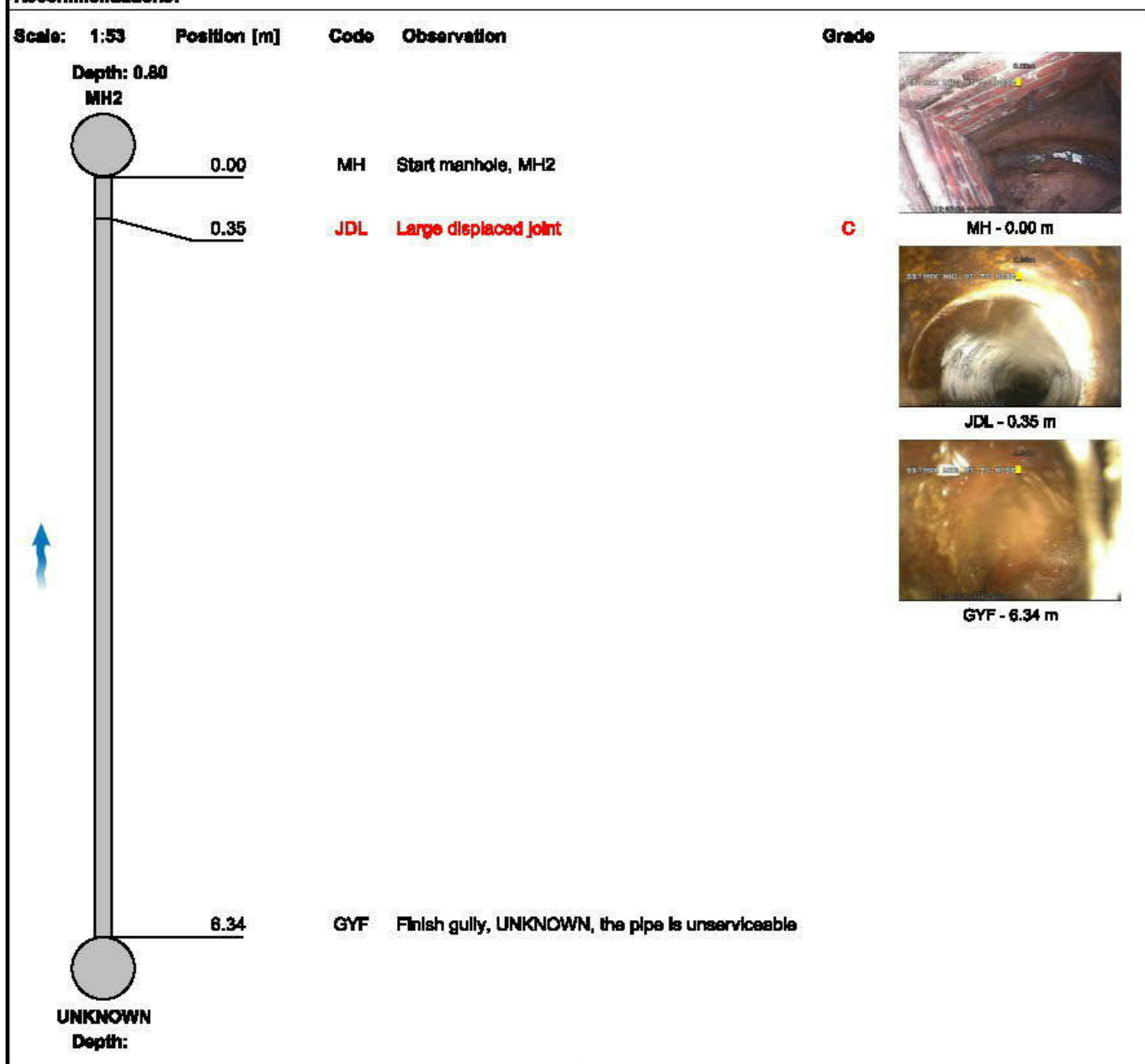
Section Inspection - 13/02/2022 - UNKNOWNX

Section 5	Inspection 1	Date 13. February 2022	Client's Ref C1003529	Contractor's Ref C1003529	Surface Type Concrete Footway	PLR UNKNOWNX
Operator ROB	Vehicle J7 SEV	Camera SOLO PRO 2	Temperature	Pre Cleaned No	Weather No rain or snow	

Town or Village: Road: Location: Post Code:	BILLINGTON 38 PAINTER WOOD WHALLEY Other walkway BB7 9JD	Inspection Direction: Use: Total Length:	Upstream Foul 6.34 m	US MH: US Depth: DS MH: DS Depth:	UNKNOWN MH2 0.80 m
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Inspection Purpose Surface Defects: Lining Type: Lining Material:	Sample condition survey None None	Pipe Shape: Height / Width: Pipe Material: Standard:	Circular 100 / 100mm Vitrified Clay WRC MSCC5 Light
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Comments:
Recommendations:



Structural Defects	Construction Features
Service & Operational Observations	Miscellaneous Features
Pipe Condition Grade: C	Service Condition: Not Serviceable



Section Pictures - 13/02/2022 - UNKNOWNX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	UNKNOWNX	C1003529	C1003529



5-1-1A, 00:00:00, 0.00 m
Start manhole, MH2



5-1-2A, 00:00:28, 0.35 m
Large displaced joint



5-1-3A, 00:01:23, 6.34 m
Finish gully, UNKNOWN, the pipe is unserviceable



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UNIT 12B CHALEX IND ESTATE, MANOR HALL ROAD

Section Inspection - 13/02/2022 - MH2X

Section 6	Inspection 1	Date 13. February 2022	Client's Ref C1003529	Contractor's Ref C1003529	Surface Type Concrete Footway	PLR MH2X
Operator ROB	Vehicle J7 SEV	Camera SOLO PRO 2	Temperature	Pre Cleaned No	Weather No rain or snow	

Town or Village:	BILLINGTON	Inspection Direction:	Downstream	US MH:	MH2
Road:	38 PAINTER WOOD WHALLEY	Use:	Foul	US Depth:	
Location:	Other walkway	Total Length:	24.70 m	DS MH:	OFF PROP
Post Code:	BB7 9JD			DS Depth:	

Inspection Purpose	Sample condition survey	Pipe Shape:	Circular
Surface Defects:		Height / Width:	100 / 100mm
Lining Type:	None	Pipe Material:	Vitrified Clay
Lining Material:	None	Standard:	WRC MSCC5 Light

Comments:
Recommendations:

Scale: 1:206	Position [m]	Code	Observation	Grade
Depth: MH2				
	0.00	MH	Start manhole, MH2	
	3.62	RJ	Roots at joint	B
	4.35	RJ	Roots at joint	B
	5.70	RJ	Roots at joint	B
	8.55	RJ	Roots at joint	B
	9.39	JN	Junction at 9 o'clock, diameter: 100mm: PIPELINE FROM MH1	A
	13.51	RJ	Roots at joint	B
	24.70	BRF	Finish connection without manhole, OFF PROP, the pipe is unserviceable	
OFF PROP Depth:				



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Section Inspection - 13/02/2022 - MH2X

Section 6	Inspection 1	Date 13. February 2022	Client's Ref C1003529	Contractor's Ref C1003529	Surface Type Concrete Footway	PLR MH2X
Operator ROB		Vehicle J7 SEV	Camera SOLO PRO 2	Temperature	Pre Cleaned No	Weather No rain or snow



JN - 9.39 m



RJ - 13.51 m



BR7 - 24.70 m

Structural Defects

Service & Operational Observations

Pipe Condition Grade: B

Construction Features

Miscellaneous Features

Service Condition: Not Serviceable



Section Pictures - 13/02/2022 - MH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	MH2X	C1003529	C1003529



6-1-1A, 00:00:00, 0.00 m
Start manhole, MH2



6-1-2A, 00:00:19, 3.62 m
Roots at joint



6-1-3A, 00:00:21, 4.35 m
Roots at joint



6-1-4A, 00:00:28, 5.70 m
Roots at joint



6-1-5A, 00:00:41, 8.55 m
Roots at joint



6-1-6A, 00:00:43, 9.39 m
Junction at 9 o'clock, diameter: 100mm, PIPELINE FROM MH1



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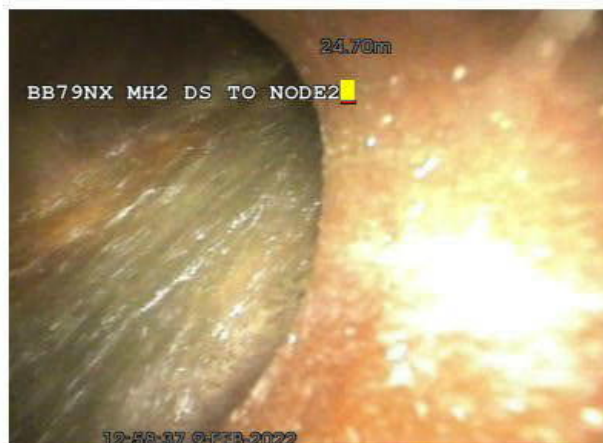
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UNIT 12B CHALEX IND ESTATE, MANOR HALL ROAD

Section Pictures - 13/02/2022 - MH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	MH2X	C1003529	C1003529



6-1-7A, 00:00:58, 13.51 m
Roots at joint



6-1-8A, 00:01:46, 24.70 m
Finish connection without manhole, OFF PROP, the pipe is
unservicable



Section Inspection - 13/02/2022 - MH3X

Section 7	Inspection 1	Date 13. February 2022	Client's Ref C1003529	Contractor's Ref C1003529	Surface Type Concrete Footway	PLR MH3X
Operator ROB		Vehicle J7 SEV	Camera SOLO PRO 2	Temperature	Pre Cleaned No	Weather No rain or snow

Town or Village:	BILLINGTON	Inspection Direction:	Downstream	US MH:	MH3
Road:	38 PAINTER WOOD WHALLEY	Use:	Foul	US Depth:	
Location:	Other walkway	Total Length:	4.08 m	DS MH:	MH2
Post Code:	BB7 9JD			DS Depth:	

Inspection Purpose	Sample condition survey	Pipe Shape:	Circular
Surface Defects:		Height / Width:	100 / 100mm
Lining Type:	None	Pipe Material:	Vitrified Clay
Lining Material:	None	Standard:	WRC MSCC5 Light

Comments:	
Recommendations:	

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: MH3				
	0.00	MH	Start manhole, MH3	 MH - 0.00 m
	2.59	JN	Junction at 10 o'clock, diameter: 100mm	 JN - 2.59 m
	4.08	MHF	Finish manhole, MH2, the pipe is flowing fine	 MHF - 4.08 m
Depth:				

Structural Defects	Construction Features
Service & Operational Observations	Miscellaneous Features
Pipe Condition Grade: A	Service Condition: Serviceable



Section Pictures - 13/02/2022 - MH3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Downstream	MH3X	C1003529	C1003529



7-1-1A, 00:00:00, 0.00 m
Start manhole, MH3



7-1-2A, 00:00:26, 2.59 m
Junction at 10 o'clock, diameter: 100mm



7-1-3A, 00:00:40, 4.08 m
Finish manhole, MH2, the pipe is flowing fine

Section Inspection - 13/02/2022 - GYX

Section 8	Inspection 1	Date 13. February 2022	Client's Ref C1003529	Contractor's Ref C1003529	Surface Type Concrete Footway	PLR GYX
Operator ROB		Vehicle J7 SEV	Camera SOLO PRO 2	Temperature	Pre Cleaned No	Weather No rain or snow

Town or Village:	BILLINGTON	Inspection Direction:	Upstream	US MH:	GY
Road:	36 PAINTER WOOD WHALLEY	Use:	Combined	US Depth:	
Location:	Other walkway	Total Length:	8.23 m	DS MH:	MH3
Post Code:	BB7 9JD			DS Depth:	

Inspection Purpose	Sample condition survey	Pipe Shape:	Circular
Surface Defects:		Height / Width:	100 / 100mm
Lining Type:	None	Pipe Material:	Vitrified Clay
Lining Material:	None	Standard:	WRC MSCC5 Light

Comments:

Recommendations:

Scale: 1:60	Position [m]	Code	Observation	Grade
Depth: MH3	0.00	MH	Start manhole, MH3	
	4.73	JN	Junction at 2 o'clock, diameter: 100mm	A
	4.73	JDL	Large displaced joint	C
	7.57	CXI	Intruding connection at 3 o'clock, diameter: 100mm, Intrusion: 35%: REQUIRES REMOVAL AND REPAIR	B
	8.23	REM	General remark: FROG IN PIPELINE	A
GY	8.23	GYF	Finish gully, GY, the pipe is unserviceable	

Structural Defects	Construction Features
Service & Operational Observations	Miscellaneous Features
Pipe Condition Grade: C	Service Condition: Not Serviceable



Section Pictures - 13/02/2022 - GYX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Upstream	GYX	C1003529	C1003529



8-1-1A, 00:00:00, 0.00 m
Start manhole, MH3



8-1-2A, 00:00:21, 4.73 m
Junction at 2 o'clock, diameter: 100mm



8-1-3A, 00:00:21, 4.73 m
Large displaced joint



8-1-5A, 00:00:33, 8.23 m
General remark, FROG IN PIPELINE



8-1-6A, 00:00:43, 8.23 m
Finish gully, GY, the pipe is unserviceable