



Project

Project Name: Moat Court Report
Project Description: CCTV Survey
Project Number: DRQ2983
Project Date: 04/09/2020
Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)

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Project Information

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Client

Company: 3Sixty Real Estate
Contact: Edward Hamilton
Street: 16 Whiteladies Road
Town or City: Clifton
County: Bristol
Post Code: BS8 2LG

Site

Company: Moat Court
Street: 42 Branksome Wood Rd
Town or City: Bournemouth
Post Code: BH4 9LA

Contractor

Company: Solum Surveying Ltd
Contact: Steve Holbrook
Department: Operations Manager
Street: The Old Stables, Pines Courtyard
Town or City: Stone, Berkeley
County: Gloucestershire
Post Code: GL13 9LE
Phone: 01454 413592
Email: sholbrook@solumsurveying.com

Scoring Summary

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Structural Defects

Grade 3: Best practice suggests consideration should be given to repairs in the medium term.

Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.

Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Section	PLR	Grade	Description
10	GULLYX	4	Broken pipe from 1 o'clock to 8 o'clock

Service / Operational Condition

Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.

Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.

Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
1	F1X	3	Multiple defects
3	SVPX	3	Attached deposits, other from 8 o'clock to 4 o'clock, 15% cross-sectional area loss, finish
4	F2X	3	Attached deposits, other from 3 o'clock to 5 o'clock, 5% cross-sectional area loss
6	SVPX	3	Attached deposits, other from 9 o'clock to 11 o'clock, 5% cross-sectional area loss
12	SVPX	3	Settled deposits, other, 5% cross-sectional area loss, finish
17	GULLYX	5	Roots, mass at joint, 40% cross-sectional area loss, finish

Abandoned Surveys

Section	PLR	Description
17	GULLYX	Survey abandoned

Information

These scoring summaries are based on the SRM grading from the WRc.

Project Summary

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Pipe Summary

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
1	SEC	F1X	F1	F2	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	17.54 m
2	SEC	GULLYX	GULLY	F1 L1	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	8.19 m
3	SEC	SVPX	SVP	F1	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	1.28 m
4	SEC	F2X	F2	F5	Branksome Wood Rd	Bournemouth	F	PF	Circular 150mm	4.74 m
5	SEC	SVPX	SVP	F2 L1	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	4.39 m
6	SEC	SVPX	SVP	F2 L2	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	5.55 m
7	SEC	F3X	F3	F2	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	8.95 m
8	SEC	F4X	F4	F3	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	6.28 m
9	SEC	GULLYX	GULLY	F3 L1	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	0.60 m
10	SEC	GULLYX	GULLY	F3 L2	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	4.41 m
11	SEC	GULLYX	GULLY	F3 L3	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	1.03 m
12	SEC	SVPX	SVP	F4	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	1.56 m
13	SEC	WCX	WC	F4 L1	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	1.09 m
14	SEC	SVPX	SVP	F4 L2	Branksome Wood Rd	Bournemouth	F	VC	Circular 100mm	3.55 m
15	SEC	F5X	F5	F6	Branksome Wood Rd	Bournemouth	F	VC	Circular 150mm	18.83 m
16	SEC	SVPX	SVP	F5 L1	Branksome Wood Rd	Bournemouth	F	PVC	Circular 100mm	3.16 m
17	SEC	GULLYX	GULLY	S1	Branksome Wood Rd	Bournemouth	S	VC	Circular 100mm	2.45 m

Project Summary

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No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
Total:										93.60 m

Pipe Levels

No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
1	F1X	F1			0.000 m	F2			0.000 m
2	GULLYX	GULLY			0.000 m	F1 L1			0.000 m
3	SVPX	SVP			0.000 m	F1			0.000 m
4	F2X	F2			0.000 m	F5			0.000 m
5	SVPX	SVP			0.000 m	F2 L1			0.000 m
6	SVPX	SVP			0.000 m	F2 L2			0.000 m
7	F3X	F3			0.000 m	F2			0.000 m
8	F4X	F4			0.000 m	F3			0.000 m
9	GULLYX	GULLY			0.000 m	F3 L1			0.000 m
10	GULLYX	GULLY			0.000 m	F3 L2			0.000 m
11	GULLYX	GULLY			0.000 m	F3 L3			0.000 m
12	SVPX	SVP			0.000 m	F4			0.000 m
13	WCX	WC			0.000 m	F4 L1			0.000 m
14	SVPX	SVP			0.000 m	F4 L2			0.000 m
15	F5X	F5			0.000 m	F6			0.000 m
16	SVPX	SVP			0.000 m	F5 L1			0.000 m
17	GULLYX	GULLY			0.000 m	S1			0.000 m

Pipe Summary by Profile

Profile	Total Length	No. Pipes
Circular 100mm	17.54 m	
Circular 100mm	8.19 m	
Circular 100mm	1.28 m	
Circular 100mm	4.39 m	
Circular 100mm	5.55 m	

Project Summary

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Profile	Total Length	No. Pipes
Circular 100mm	8.95 m	
Circular 100mm	6.28 m	
Circular 100mm	0.60 m	
Circular 100mm	4.41 m	
Circular 100mm	1.03 m	
Circular 100mm	1.56 m	
Circular 100mm	1.09 m	
Circular 100mm	3.55 m	
Circular 100mm	3.16 m	
Circular 100mm	2.45 m	
Circular 100mm =	70.03 m	15
Circular 150mm	4.74 m	
Circular 150mm	18.83 m	
Circular 150mm =	23.57 m	2
Total =	93.60 m	17

Inspection Summary

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
1	1	F1	F2	DS	1	04/09/2020	15:55	3	1	MHF	17.54 m
2	1	GULLY	F1 L1	US	1	04/09/2020	16:22	1	1	GYF	8.19 m
3	1	SVP	F1	US	1	05/09/2020	8:30	3	1	BRF	1.28 m
4	1	F2	F5	DS	1	05/09/2020	8:34	3	1	MHF	4.74 m
5	1	SVP	F2 L1	US	1	05/09/2020	8:45	1	1	BRF	4.39 m
6	1	SVP	F2 L2	US	1	05/09/2020	8:49	3	1	BRF	5.55 m
7	1	F3	F2	US	1	05/09/2020	8:53	1	1	MHF	8.95 m
8	1	F4	F3	US	1	05/09/2020	9:00	1	1	MHF	6.28 m
9	1	GULLY	F3 L1	US	1	05/09/2020	9:20	1	1	GYF	0.60 m
10	1	GULLY	F3 L2	US	1	05/09/2020	9:31	1	4	GYF	4.41 m
11	1	GULLY	F3 L3	US	1	05/09/2020	9:37	1	1	GYF	1.03 m
12	1	SVP	F4	US	1	05/09/2020	9:39	3	1	BRF	1.56 m
13	1	WC	F4 L1	US	1	05/09/2020	9:51	1	1	BRF	1.09 m
14	1	SVP	F4 L2	US	1	05/09/2020	9:55	1	1	BRF	3.55 m
15	1	F5	F6	DS	1	05/09/2020	9:59	2	1	MHF	18.83 m

Project Summary

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Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
16	1	SVP	F5 L1	US	1	05/09/2020	10:14	1	1	BRF	3.16 m
17	1	GULLY	S1	US	1	05/09/2020	10:20	5	1	SA, RUN BLOCKED	2.45 m
Total:											93.60 m

Inspection Summary by Profile

Profile	Total Length	No. Inspections
Circular 100mm	17.54 m	
Circular 100mm	8.19 m	
Circular 100mm	1.28 m	
Circular 100mm	4.39 m	
Circular 100mm	5.55 m	
Circular 100mm	8.95 m	
Circular 100mm	6.28 m	
Circular 100mm	0.60 m	
Circular 100mm	4.41 m	
Circular 100mm	1.03 m	
Circular 100mm	1.56 m	
Circular 100mm	1.09 m	
Circular 100mm	3.55 m	
Circular 100mm	3.16 m	
Circular 100mm	2.45 m	
Circular 100mm =	70.03 m	15
Circular 150mm	4.74 m	
Circular 150mm	18.83 m	
Circular 150mm =	23.57 m	2
Total =	93.60 m	17

Project Summary

Project Name
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Defect Summary

				CCTV Drainage Survey Observation Count																				
				General				Structural Condition							Service Condition									
Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
1	1	F1	F2	17.5											1								1	
2	1	GULLY	F1 L1	8.2																			1	1
3	1	SVP	F1	1.3																			2	1
4	1	F2	F5	4.7																			1	
5	1	SVP	F2 L1	4.4																			1	1
6	1	SVP	F2 L2	5.6																			1	3
7	1	F3	F2	9.0																			1	
8	1	F4	F3	6.3																			1	
9	1	GULLY	F3 L1	0.6																			1	1
10	1	GULLY	F3 L2	4.4	1					1													1	2
11	1	GULLY	F3 L3	1.0																			1	1
12	1	SVP	F4	1.6																			1	
13	1	WC	F4 L1	1.1																			1	1
14	1	SVP	F4 L2	3.6																			1	1
15	1	F5	F6	18.8													1						1	1
16	1	SVP	F5 L1	3.2																			1	2
17	1	GULLY	S1	2.5	1	1											4						1	
Total:				93.6	2	1											5						18	15

Section Inspection - 04/09/2020 - F1X

Section 1	Inspection 1	Date 04/09/20	Time 15:55	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR F1X
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Downstream	Upstream Node:	F1
Road:	Branksome Wood Rd	Inspected Length:	17.54 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	17.54 m	Downstream Node:	F2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Year Constructed:		Material:	Vitrified clay		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:153	Position [m]	Code	Observation	MPEG	Photo	Grade
	0.00	MH	Start node type, manhole, reference number: F1	00:00:00		
	0.01	WL	Water level, 0% of the vertical dimension	00:00:02		
	11.23	MCPVC	Pipe material changes to polyvinyl chloride at this point	00:00:28		
	11.67	JN	Junction at 3 o'clock, diameter: 100mm	00:00:32		
	11.95	JDM	Joint displaced, medium	00:00:33		1 / 3
	11.95	MCVC	Pipe material changes to vitrified clay at this point	00:00:34		
	16.28	DEZ	Attached deposits, other from 4 o'clock to 8 o'clock, 15% cross-sectional area loss	00:00:43		3
	17.21	REM	General remark: BACKDROP	00:00:48		
	17.54	MHF	Finish node type, manhole, reference number: F2	00:00:53		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.1	1.0	1.0	2	2.0	0.2	4.0	3.0

Section Inspection - 04/09/2020 - GULLYX

Section 2	Inspection 2	Date 04/09/20	Time 16:22	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR GULLYX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	GULLY
Road:	Branksome Wood Rd	Inspected Length:	8.19 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.19 m	Downstream Node:	F1 L1
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	100 mm
Type of Pipe:	Gravity drain/sewer	Material:	Vitrified clay	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection				

Comments:
Recommendations:



Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - SVPX

Section 3	Inspection 3	Date 05/09/20	Time 8:30	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR SVPX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	SVP
Road:	Branksome Wood Rd	Inspected Length:	1.28 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.28 m	Downstream Node:	F1
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Year Constructed:		Material:	Vitrified clay		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node type, manhole, reference number: F1	00:00:00		
		0.01	WL	Water level, 10% of the vertical dimension	00:00:02		
		0.25	S01 DEZ	Attached deposits, other from 8 o'clock to 4 o'clock, 15% cross-sectional area loss, start	00:00:04		
		0.30	LL	Line deviates left	00:00:04		
		0.65	WL	Water level, 5% of the vertical dimension	00:00:07		
		0.90	F01 DEZ	Attached deposits, other from 8 o'clock to 4 o'clock, 15% cross-sectional area loss, finish	00:00:09		3
		1.28	BRF	Finish node type, major connection without manhole, reference number: SVP	00:00:26		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	2.2	2.0	3.0

Section Inspection - 05/09/2020 - F2X

Section 4	Inspection 4	Date 05/09/20	Time 8:34	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR F2X
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Downstream	Upstream Node:	F2
Road:	Branksome Wood Rd	Inspected Length:	4.74 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	4.74 m	Downstream Node:	F5
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Year Constructed:		Material:	Pitch fibre		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
	Depth: m	F2					
	0.00	MH		Start node type, manhole, reference number: F2	00:00:00		
	0.01	WL		Water level, 0% of the vertical dimension	00:00:00		
	2.03	DEZ		Attached deposits, other from 3 o'clock to 5 o'clock, 5% cross-sectional area loss	00:00:07		3
	4.30	MCVC		Pipe material changes to vitrified clay at this point	00:00:12		
	4.74	MHF		Finish node type, manhole, reference number: F5	00:00:14		
	Depth: m	F5					

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	0.5	2.0	3.0

Section Inspection - 05/09/2020 - SVPX

Section 5	Inspection 5	Date 05/09/20	Time 8:45	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR SVPX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	SVP
Road:	Branksome Wood Rd	Inspected Length:	4.39 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	4.39 m	Downstream Node:	F2 L1
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	100 mm
Type of Pipe:	Gravity drain/sewer	Material:	Vitrified clay	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection				

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node type, manhole, reference number: F2 L1	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:01		
		0.85	JN	Junction at 10 o'clock, diameter: 100mm	00:00:09		
		3.92	LL	Line deviates left	00:00:17		
		4.39	BRF	Finish node type, major connection without manhole, reference number: SVP	00:00:19		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - SVPX

Section 6	Inspection 6	Date 05/09/20	Time 8:49	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR SVPX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	SVP
Road:	Branksome Wood Rd	Inspected Length:	5.55 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	5.55 m	Downstream Node:	F2 L2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Year Constructed:		Material:	Vitrified clay		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node type, manhole, reference number: F2 L2	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:00		
		0.38	LL	Line deviates left	00:00:05		
		4.91	LR	Line deviates right	00:00:13		
		5.12	DEZ	Attached deposits, other from 9 o'clock to 11 o'clock, 5% cross-sectional area loss	00:00:22		3
		5.12	LR	Line deviates right	00:00:22		
		5.55	BRF	Finish node type, major connection without manhole, reference number: SVP	00:00:25		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	0.4	2.0	3.0

Section Inspection - 05/09/2020 - F3X

Section 7	Inspection 7	Date 05/09/20	Time 8:53	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR F3X
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	F3
Road:	Branksome Wood Rd	Inspected Length:	8.95 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.95 m	Downstream Node:	F2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Year Constructed:		Material:	Vitrified clay		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:78	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node type, manhole, reference number: F2	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:07		
		8.95	MHF	Finish node type, manhole, reference number: F3	00:00:24		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - F4X

Section 8	Inspection 8	Date 05/09/20	Time 9:00	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR F4X
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	F4
Road:	Branksome Wood Rd	Inspected Length:	6.28 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	6.28 m	Downstream Node:	F3
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Year Constructed:		Material:	Vitrified clay		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:



Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - GULLYX

Section 9	Inspection 9	Date 05/09/20	Time 9:20	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR GULLYX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	GULLY
Road:	Branksome Wood Rd	Inspected Length:	0.60 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	0.60 m	Downstream Node:	F3 L1
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular	Material:	Vitrified clay
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection				

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
	Depth: m	F3 L1					
		0.00	MH	Start node type, manhole, reference number: F3 L1	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:01		
		0.42	LU	Line deviates up	00:00:08		
		0.60	GYF	Finish node type, gully, reference number: GULLY	00:00:26		
	Depth: m						

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

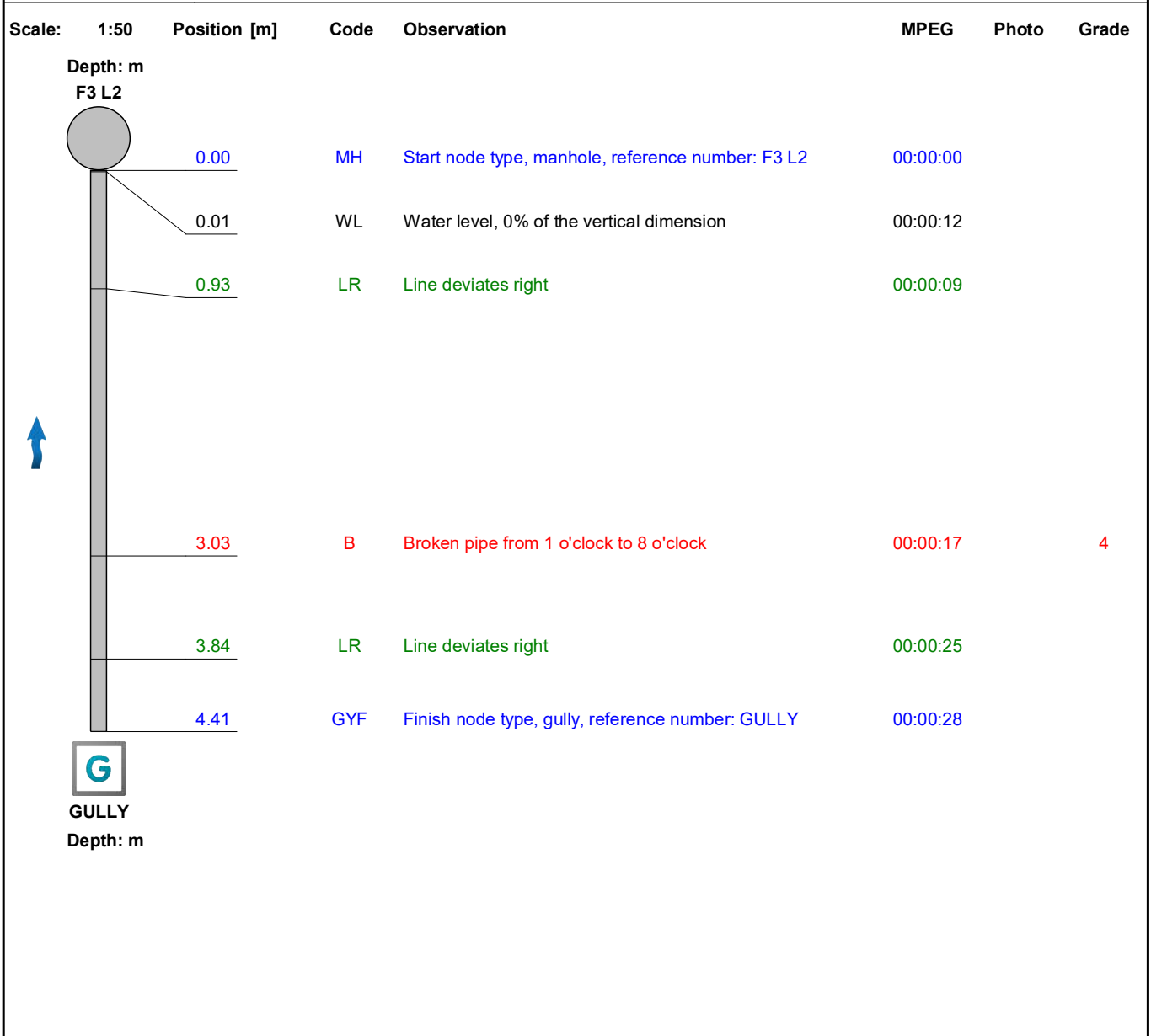
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - GULLYX

Section 10	Inspection 10	Date 05/09/20	Time 9:31	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR GULLYX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	GULLY
Road:	Branksome Wood Rd	Inspected Length:	4.41 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	4.41 m	Downstream Node:	F3 L2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	100 mm
Type of Pipe:	Gravity drain/sewer	Material:	Vitrified clay	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection				

Comments:
Recommendations:



Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	80.0	20.8	80.0	4.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - GULLYX

Section 11	Inspection 11	Date 05/09/20	Time 9:37	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR GULLYX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	GULLY
Road:	Branksome Wood Rd	Inspected Length:	1.03 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.03 m	Downstream Node:	F3 L3
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	100 mm
Type of Pipe:	Gravity drain/sewer	Material:	Vitrified clay	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection				

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node type, manhole, reference number: F3 L3	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:00		
		0.55	LU	Line deviates up	00:00:10		
		1.03	GYF	Finish node type, gully, reference number: GULLY	00:00:16		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - SVPX

Section 12	Inspection 12	Date 05/09/20	Time 9:39	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR SVPX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	SVP
Road:	Branksome Wood Rd	Inspected Length:	1.56 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.56 m	Downstream Node:	F4
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular	Material:	Vitrified clay
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection				

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	IC	Start node type, inspection chamber, reference number: F4	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:00		
		0.54	S01	DEX Settled deposits, other, 5% cross-sectional area loss, start	00:00:05		
		1.52	F01	DEX Settled deposits, other, 5% cross-sectional area loss, finish	00:00:09		3
		1.56	BRF	Finish node type, major connection without manhole, reference number: SVP	00:00:11		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	1.3	2.0	3.0

Section Inspection - 05/09/2020 - WCX

Section 13	Inspection 13	Date 05/09/20	Time 9:51	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR WCX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	WC
Road:	Branksome Wood Rd	Inspected Length:	1.09 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.09 m	Downstream Node:	F4 L1
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular	Dia/Height:	100 mm
Type of Pipe:	Gravity drain/sewer	Material:	Vitrified clay	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection				

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node type, manhole, reference number: F4 L1	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:04		
		0.48	LU	Line deviates up	00:00:08		
		1.09	BRF	Finish node type, major connection without manhole, reference number: WC	00:00:15		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - SVPX

Section 14	Inspection 14	Date 05/09/20	Time 9:55	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR SVPX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	SVP
Road:	Branksome Wood Rd	Inspected Length:	3.55 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.55 m	Downstream Node:	F4 L2
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular	Material:	Vitrified clay
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection				

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node type, manhole, reference number: F4 L2	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:01		
		0.51	LU	Line deviates up	00:00:06		
		3.55	BRF	Finish node type, major connection without manhole, reference number: SVP	00:00:39		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - F5X

Section 15	Inspection 15	Date 05/09/20	Time 9:59	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR F5X
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Downstream	Upstream Node:	F5
Road:	Branksome Wood Rd	Inspected Length:	18.83 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	18.83 m	Downstream Node:	F6
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Year Constructed:		Material:	Vitrified clay		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:164	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node type, manhole, reference number: F5	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:02		
		10.24	LR	Line deviates right	00:00:25		
		18.42	RF	Roots, fine	00:00:59		2
		18.52	REM	General remark: BACKDROP	00:00:52		
		18.83	MHF	Finish node type, manhole, reference number: F6	00:01:08		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	1.0	0.1	1.0	2.0

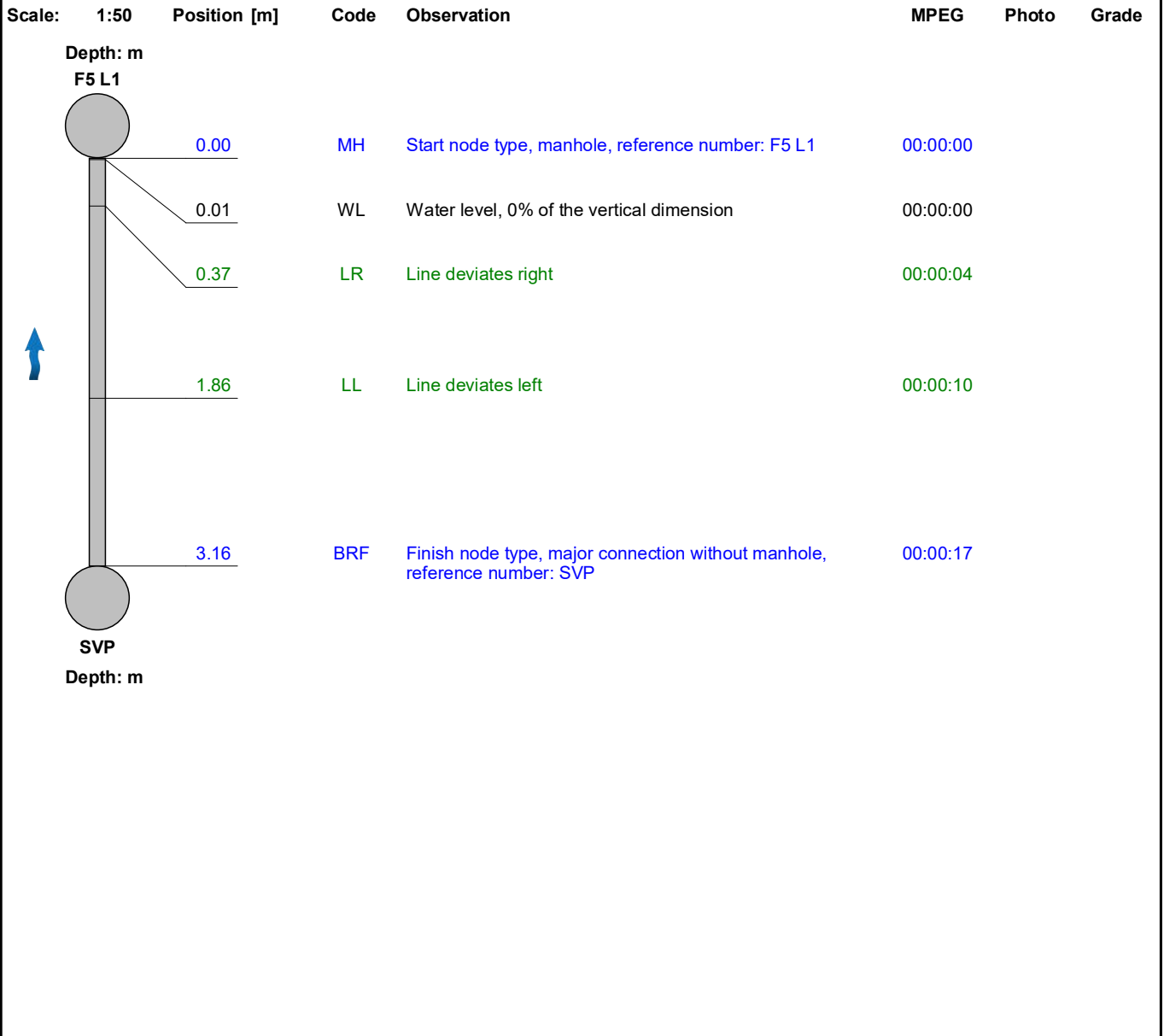
Section Inspection - 05/09/2020 - SVPX

Section 16	Inspection 16	Date 05/09/20	Time 10:14	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR SVPX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	SVP
Road:	Branksome Wood Rd	Inspected Length:	3.16 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.16 m	Downstream Node:	F5 L1
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Year Constructed:		Material:	Polyvinyl chloride		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 05/09/2020 - GULLYX

Section 17	Inspection 17	Date 05/09/20	Time 10:20	Client's Job Ref DRQ2983	Weather No Rain Or Snow	Pre Cleaned No	PLR GULLYX
Operator 1		Vehicle FORD TRANSIT		Camera Solo Pro/Crawler	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bournemouth	Inspection Direction:	Upstream	Upstream Node:	GULLY
Road:	Branksome Wood Rd	Inspected Length:	2.45 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.45 m	Downstream Node:	S1
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular	Material:	Vitrified clay
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm	Lining Type:	No Lining
Year Constructed:		Lining Material:	No Lining		
Flow Control:	No flow control				
Inspection Purpose:	Routine inspection				

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node type, manhole, reference number: S1	00:00:00		
		0.01	WL	Water level, 0% of the vertical dimension	00:00:05		
		0.01	S01	RF	Roots, fine, start	00:00:05	
		1.68	S02	RMJ	Roots, mass at joint, 40% cross-sectional area loss, start	00:00:10	
		2.45	F01	RF	Roots, fine, finish	00:00:18	2
		2.45	F02	RMJ	Roots, mass at joint, 40% cross-sectional area loss, finish	00:00:18	5
		2.45	SA	Survey abandoned: RUN BLOCKED	00:00:18		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	2	11.0	5.3	13.0	5.0