

SECTION 2.2 Site Investigation Reports

2.2.6 Drainage Report



Project

Project Name: Wingates Bolton Unit 3
Project Description: WinCan Import in Miraculix Standard
Project Status: On Site
Project Date: 01/05/2024
Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)



winvic

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Wingates Bolton Unit 3		01/05/2024

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Project Information

Project Name
Wingates Bolton Unit 3**Project Number****Project Date**
01/05/2024

Client

Company: Winvic Construction Ltd
Description: Civils & Engineering
Street: 19 Tenter Road
Town or City: Northampton
County: Northamptonshire
Post Code: NN3 6PZ
Phone: 01604 678960
Email: mail@winvic.co.uk



Site

Company: Winvic Construction Ltd
Description: Civils & Infrastructure
Contact: Sharukh Sameja
Department: Site Manager
Street: Great Bank Road
Town or City: Bolton
County: Lancashire
Post Code: BL5 3XU
Phone: 07444 615676
Email: sharukhsameja@winvic.co.uk

Contractor

Company: Oakley Industrial Services LTD
Description: CCTV Drainage Surveys
Contact: Colin Clarke
Department: Drainage
Street: Enterprise Park
Town or City: Corby
County: Northants
Post Code: NN17 5JE
Phone: 01536 206179
Mobile: 07399 218871
Email: colin@theoakleygroup.com



Scoring Summary

Project Name
Wingates Bolton Unit 3

Project Number

Project Date
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Structural Defects

Section	PLR	Grade	Description
All inspected pipes are in an acceptable structural condition (< grade 3).			

Service / Operational Condition

Section	PLR	Grade	Description
All inspected pipes are in an acceptable service condition (< grade 3).			

Abandoned Surveys

Section	PLR	Description
All inspections complete, none are abandoned.		

Information

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

Section Profile

Project Name
Wingates Bolton Unit 3

Project Number

Project Date
01/05/2024

Circular, 75 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
13	PSRWP1	S1	01/05/2024	Unit 3	Polypropylene	1.96 m	1.96 m
14	SSRWP1	S1	01/05/2024	Unit 3	Polypropylene	1.41 m	1.41 m
19	PSRWP3	S3	01/05/2024	Unit 3	Polypropylene	2.15 m	2.15 m
20	SSRWP3	S3	01/05/2024	Unit 3	Polypropylene	1.28 m	1.28 m

Total: 4 Inspections x Circular 75 mm, 0 mm = 6.80 m Total Length and 6.80 m Inspected Length

Circular, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	SVP1a	F1A	02/05/2024	Unit 3	Polyvinyl chloride	24.27 m	24.27 m
3	SVP1b	Main	01/05/2024	Unit 3	Polyvinyl chloride	5.85 m	5.85 m
4	F1a	F1	01/05/2024	Unit 3	Polyvinyl chloride	4.64 m	4.64 m
7	SVP2	F2	01/05/2024	Unit 3	Polyvinyl chloride	29.69 m	29.69 m
9	F2	F3	10/06/2024	Unit 3	Polyvinyl chloride	33.96 m	33.96 m

Total: 5 Inspections x Circular 100 mm, 0 mm = 98.41 m Total Length and 98.41 m Inspected Length

Circular, 150 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
5	F1	F3	09/05/2024	Unit 3	Polyvinyl chloride	17.82 m	17.82 m
10	F3	EX OF	01/05/2024	Unit 3	Polyvinyl chloride	18.75 m	18.75 m
12	SU1	S1	14/06/2024	Unit 3	Polyethylene	5.67 m	0.64 m
16	PSRWP2	S2	01/05/2024	Unit 3	Polypropylene	2.08 m	2.08 m
17	SSRWP2	S2	01/05/2024	Unit 3	Polypropylene	1.85 m	1.85 m
22	S4	RWHT	01/05/2024	Unit 3	Polyethylene	5.69 m	5.69 m
23	RWHT	S4a	14/06/2024	Unit 3	Polyethylene	7.67 m	7.66 m
27	PPIC	S6	01/05/2024	Unit 3	Polyethylene	7.04 m	7.04 m
29	SU7a	S7	09/05/2024	Unit 3	Polyethylene	21.28 m	21.28 m
31	SU7b	S7	01/05/2024	Unit 3	Polyethylene	10.07 m	10.07 m
38	SU11	S11	08/05/2024	Unit 3	Polyethylene	9.18 m	9.18 m
39	S11	ATT1	08/05/2024	Unit 3	Polyethylene	31.98 m	31.98 m
42	S12	EXS12a	02/05/2024	Unit 3	Polypropylene	8.05 m	7.83 m

Total: 13 Inspections x Circular 150 mm, 0 mm = 147.13 m Total Length and 141.87 m Inspected Length

Circular, 225 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
40	ATT1	S10	02/05/2024	Unit 3	Polyethylene	18.02 m	18.02 m
41	S10	S12	02/05/2024	Unit 3	Polyethylene	54.76 m	54.39 m

Total: 2 Inspections x Circular 225 mm, 0 mm = 72.78 m Total Length and 72.41 m Inspected Length

Circular, 300 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
15	S1	S2	01/05/2024	Unit 3	Polyethylene	21.41 m	21.41 m
32	S7	INT1	01/05/2024	Unit 3	Polyethylene	2.05 m	2.05 m
33	INT1	S8	08/05/2024	Unit 3	Polyethylene	1.58 m	1.58 m

Total: 3 Inspections x Circular 300 mm, 0 mm = 25.04 m Total Length and 25.04 m Inspected Length

Section Profile

Project Name
Wingates Bolton Unit 3

Project Number

Project Date
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Circular, 450 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
18	S2	S3	01/05/2024	Unit 3	Polyethylene	25.39 m	25.39 m

Total: 1 Inspection x Circular 450 mm, 0 mm = 25.39 m Total Length and 25.39 m Inspected Length

Circular, 525 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
21	S3	S4	01/05/2024	Unit 3	Polyethylene	6.48 m	6.48 m
24	S4	S4A	01/05/2024	Unit 3	Polyethylene	12.74 m	12.74 m
25	S4A	S5	01/05/2024	Unit 3	Polyethylene	17.80 m	17.80 m
26	S5	S6	01/05/2024	Unit 3	Polyethylene	32.07 m	32.07 m
28	S6	S8	01/05/2024	Unit 3	Polyethylene	3.24 m	3.24 m

Total: 5 Inspections x Circular 525 mm, 0 mm = 72.33 m Total Length and 72.33 m Inspected Length

Circular, 600 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
35	S8	ATT1	01/05/2024	Unit 3	Polyethylene	2.52 m	2.52 m

Total: 1 Inspection x Circular 600 mm, 0 mm = 2.52 m Total Length and 2.52 m Inspected Length

Total: 34 Inspections = 450.40 m Total Length and 444.77 m Inspected Length

Section Summary

Project Name Wingates Bolton Unit 3	Project Number	Project Date 01/05/2024
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Number of sections	34
Total length of sections	450.40 m
Total length of inspected sections	444.77 m
Total length of not inspected sections	0.00 m
Number of abandoned inspections	0
Number of section inspection photos	6
Number of section inspection videos	34
Number of section inspection scans	0
Number of section inclination measurements	0

PLR: SVP1aX	Upstream Node: SVP1a
Inspection Direction: Upstream	Downstream Node: F1A
Inspected Length: 24.27 m	Dia/Height: 100 mm
Total Length: 24.27 m	Material: Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: F1A
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.12	REM	General remark
4	3.54	JN	Junction at 10 o'clock, 100mm dia
5	4.57	JN	Junction at 10 o'clock, 100mm dia
6	7.36	JN	Junction at 10 o'clock, 100mm dia
7	13.28	JN	Junction at 10 o'clock, 100mm dia
8	24.27	BRF	Finish node, major connection without manhole, reference: SVP1a

PLR: SVP1bX	Upstream Node: SVP1b
Inspection Direction: Downstream	Downstream Node: Main
Inspected Length: 5.85 m	Dia/Height: 100 mm
Total Length: 5.85 m	Material: Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	BR	Start node, major connection without manhole, reference: SVP1b
2	0.00	WL	Water level, 0% of the vertical dimension
3	5.85	BRF	Finish node, major connection without manhole, reference: Main

PLR: F1aX	Upstream Node: F1a
Inspection Direction: Upstream	Downstream Node: F1
Inspected Length: 4.64 m	Dia/Height: 100 mm
Total Length: 4.64 m	Material: Polyvinyl chloride

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Project Name Wingates Bolton Unit 3	Project Number	Project Date 01/05/2024
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No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: F1
2	0.00	WL	Water level, 0% of the vertical dimension
3	4.64	MHF	Finish node, manhole, reference: F1a

PLR:	F1X	Upstream Node:	F1
Inspection Direction:	Downstream	Downstream Node:	F3
Inspected Length:	17.82 m	Dia/Height:	150 mm
Total Length:	17.82 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: F1
2	0.00	WL	Water level, 0% of the vertical dimension
3	17.82	MHF	Finish node, manhole, reference: F3

PLR:	SVP2X	Upstream Node:	SVP2
Inspection Direction:	Upstream	Downstream Node:	F2
Inspected Length:	29.69 m	Dia/Height:	100 mm
Total Length:	29.69 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: F2
2	0.00	WL	Water level, 0% of the vertical dimension
3	29.69	GYF	Finish node, gully, reference: SVP2

PLR:	F2X	Upstream Node:	F2
Inspection Direction:	Downstream	Downstream Node:	F3
Inspected Length:	33.96 m	Dia/Height:	100 mm
Total Length:	33.96 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: F2
2	0.00	WL	Water level, 0% of the vertical dimension
3	33.96	MHF	Finish node, manhole, reference: F3

PLR:	F3X	Upstream Node:	F3
Inspection Direction:	Downstream	Downstream Node:	EX OF
Inspected Length:	18.75 m	Dia/Height:	150 mm
Total Length:	18.75 m	Material:	Polyvinyl chloride

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: F3
2	0.00	WL	Water level, 0% of the vertical dimension
3	8.37	D	Deformed sewer or drain, 5%
4	18.75	MHF	Finish node, manhole, reference: EX OF

PLR:	SU1X	Upstream Node:	SU1
Inspection Direction:	Upstream	Downstream Node:	S1
Inspected Length:	0.64 m	Dia/Height:	150 mm
Total Length:	5.67 m	Material:	Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S1

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No.	m+	Code	Observation
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.64	BRF	Finish node, major connection without manhole, reference: SU1

PLR:	PSRWP1X	Upstream Node:	PSRWP1
Inspection Direction:	Upstream	Downstream Node:	S1
Inspected Length:	1.96 m	Dia/Height:	75 mm
Total Length:	1.96 m	Material:	Polypropylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S1
2	0.00	WL	Water level, 0% of the vertical dimension
3	1.96	BRF	Finish node, major connection without manhole, reference: PSRWP1

PLR:	SSRWP1X	Upstream Node:	SSRWP1
Inspection Direction:	Upstream	Downstream Node:	S1
Inspected Length:	1.41 m	Dia/Height:	75 mm
Total Length:	1.41 m	Material:	Polypropylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S1
2	0.00	WL	Water level, 5% of the vertical dimension
3	1.41	BRF	Finish node, major connection without manhole, reference: SSRWP1

PLR:	S1 X	Upstream Node:	S1
Inspection Direction:	Upstream	Downstream Node:	S2
Inspected Length:	21.41 m	Dia/Height:	300 mm
Total Length:	21.41 m	Material:	Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S2
2	0.00	WL	Water level, 0% of the vertical dimension
3	21.41	MHF	Finish node, manhole, reference: S1

PLR:	PSRWP2X	Upstream Node:	PSRWP2
Inspection Direction:	Upstream	Downstream Node:	S2
Inspected Length:	2.08 m	Dia/Height:	150 mm
Total Length:	2.08 m	Material:	Polypropylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S2
2	0.00	WL	Water level, 10% of the vertical dimension
3	0.58	SC	Pipe size changes, new size(s), 100mm high
4	1.86	SC	Pipe size changes, new size(s), 75mm high
5	2.08	BRF	Finish node, major connection without manhole, reference: PSRWP2

PLR:	SSRWP2X	Upstream Node:	SSRWP2
Inspection Direction:	Upstream	Downstream Node:	S2
Inspected Length:	1.85 m	Dia/Height:	150 mm
Total Length:	1.85 m	Material:	Polypropylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S2

Section Summary

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No.	m+	Code	Observation
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.39	SC	Pipe size changes, new size(s), 100mm high
4	1.56	SC	Pipe size changes, new size(s), 75mm high
5	1.85	BRF	Finish node, major connection without manhole, reference: SSRWP2

PLR: S2 X	Upstream Node: S2
Inspection Direction: Upstream	Downstream Node: S3
Inspected Length: 25.39 m	Dia/Height: 450 mm
Total Length: 25.39 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S3
2	0.00	WL	Water level, 0% of the vertical dimension
3	25.39	MHF	Finish node, manhole, reference: S2

PLR: PSRWP3X	Upstream Node: PSRWP3
Inspection Direction: Upstream	Downstream Node: S3
Inspected Length: 2.15 m	Dia/Height: 75 mm
Total Length: 2.15 m	Material: Polypropylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S3
2	0.00	WL	Water level, 10% of the vertical dimension
3	2.15	BRF	Finish node, major connection without manhole, reference: PSRWP3

PLR: SSRWP3X	Upstream Node: SSRWP3
Inspection Direction: Upstream	Downstream Node: S3
Inspected Length: 1.28 m	Dia/Height: 75 mm
Total Length: 1.28 m	Material: Polypropylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S3
2	0.00	WL	Water level, 0% of the vertical dimension
3	1.28	BRF	Finish node, major connection without manhole, reference: SSRWP3

PLR: S3 X	Upstream Node: S3
Inspection Direction: Upstream	Downstream Node: S4
Inspected Length: 6.48 m	Dia/Height: 525 mm
Total Length: 6.48 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	CP	Start node, catchpit, reference: S4
2	0.00	WL	Water level, 0% of the vertical dimension
3	6.48	MHF	Finish node, manhole, reference: S3

PLR: S4Y	Upstream Node: S4
Inspection Direction: Downstream	Downstream Node: RWHT
Inspected Length: 5.69 m	Dia/Height: 150 mm
Total Length: 5.69 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	CP	Start node, catchpit, reference: S4

Section Summary

Project Name Wingates Bolton Unit 3	Project Number	Project Date 01/05/2024
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No.	m+	Code	Observation
2	0.00	WL	Water level, 0% of the vertical dimension
3	4.50	MCPP	Pipe material changes to polypropylene at this point
4	4.96	MCPVC	Pipe material changes to polyvinyl chloride at this point
5	5.69	OCF	Finish node, other special chamber, reference: RWHT

PLR: RWHTX	Upstream Node: RWHT
Inspection Direction: Upstream	Downstream Node: S4a
Inspected Length: 7.66 m	Dia/Height: 150 mm
Total Length: 7.67 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S4a
2	0.00	WL	Water level, 0% of the vertical dimension
3	7.02	MCPVC	Pipe material changes to polyvinyl chloride at this point
4	7.66	OCF	Finish node, other special chamber, reference: RWHT

PLR: S4X	Upstream Node: S4
Inspection Direction: Upstream	Downstream Node: S4A
Inspected Length: 12.74 m	Dia/Height: 525 mm
Total Length: 12.74 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S4A
2	0.00	WL	Water level, 0% of the vertical dimension
3	12.74	CPF	Finish node, catchpit, reference: S4

PLR: S4A X	Upstream Node: S4A
Inspection Direction: Downstream	Downstream Node: S5
Inspected Length: 17.80 m	Dia/Height: 525 mm
Total Length: 17.80 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S4A
2	0.00	WL	Water level, 0% of the vertical dimension
3	17.80	MHF	Finish node, manhole, reference: S5

PLR: S5 X	Upstream Node: S5
Inspection Direction: Downstream	Downstream Node: S6
Inspected Length: 32.07 m	Dia/Height: 525 mm
Total Length: 32.07 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S5
2	0.00	WL	Water level, 0% of the vertical dimension
3	32.07	CPF	Finish node, catchpit, reference: S6

PLR: PPICX	Upstream Node: PPIC
Inspection Direction: Upstream	Downstream Node: S6
Inspected Length: 7.04 m	Dia/Height: 150 mm
Total Length: 7.04 m	Material: Polyethylene

Section Summary

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No.	m+	Code	Observation
1	0.00	CP	Start node, catchpit, reference: S6
2	0.00	WL	Water level, 0% of the vertical dimension
3	7.04	ICF	Finish node, inspection chamber, reference: PPIC

PLR: S6X	Upstream Node: S6
Inspection Direction: Upstream	Downstream Node: S8
Inspected Length: 3.24 m	Dia/Height: 525 mm
Total Length: 3.24 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S8
2	0.00	WL	Water level, 0% of the vertical dimension
3	3.24	CPF	Finish node, catchpit, reference: S6

PLR: SU7aX	Upstream Node: SU7a
Inspection Direction: Upstream	Downstream Node: S7
Inspected Length: 21.28 m	Dia/Height: 150 mm
Total Length: 21.28 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S7
2	0.00	WL	Water level, 0% of the vertical dimension
3	9.24	RPL	Point repair, localised lining at 12 o'clock
4	21.28	GYF	Finish node, gully, reference: SU7a

PLR: SU7bX	Upstream Node: SU7b
Inspection Direction: Downstream	Downstream Node: S7
Inspected Length: 10.07 m	Dia/Height: 150 mm
Total Length: 10.07 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	GY	Start node, gully, reference: SU7b
2	0.00	WL	Water level, 0% of the vertical dimension
3	3.03	SC	Pipe size changes, new size(s), 225mm high
4	10.07	MHF	Finish node, manhole, reference: S7

PLR: S7 X	Upstream Node: S7
Inspection Direction: Downstream	Downstream Node: INT1
Inspected Length: 2.05 m	Dia/Height: 300 mm
Total Length: 2.05 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S7
2	0.00	WL	Water level, 0% of the vertical dimension
3	1.68	MCPVC	Pipe material changes to polyvinyl chloride at this point
4	2.05	OSF	Finish node, oil separator, reference: INT1

PLR: INT1X	Upstream Node: INT1
Inspection Direction: Upstream	Downstream Node: S8
Inspected Length: 1.58 m	Dia/Height: 300 mm
Total Length: 1.58 m	Material: Polyethylene

Section Summary

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No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S8
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.28	RPL	Point repair, localised lining at 12 o'clock
4	1.04	MCPVC	Pipe material changes to polyvinyl chloride at this point
5	1.58	OSF	Finish node, oil separator, reference: INT1

PLR: S8 X	Upstream Node: S8
Inspection Direction: Downstream	Downstream Node: ATT1
Inspected Length: 2.52 m	Dia/Height: 600 mm
Total Length: 2.52 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S8
2	0.00	WL	Water level, 10% of the vertical dimension
3	2.52	OCF	Finish node, other special chamber, reference: ATT1

PLR: SU11X	Upstream Node: SU11
Inspection Direction: Upstream	Downstream Node: S11
Inspected Length: 9.18 m	Dia/Height: 150 mm
Total Length: 9.18 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S11
2	0.00	WL	Water level, 0% of the vertical dimension
3	7.22	D	Deformed sewer or drain, 5%
4	7.91	RPL	Point repair, localised lining at 12 o'clock
5	9.18	BRF	Finish node, major connection without manhole, reference: SU11

PLR: S11X	Upstream Node: S11
Inspection Direction: Downstream	Downstream Node: ATT1
Inspected Length: 31.98 m	Dia/Height: 150 mm
Total Length: 31.98 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S11
2	0.00	WL	Water level, 0% of the vertical dimension
3	9.23	RPL	Point repair, localised lining at 12 o'clock
4	21.99	RPL	Point repair, localised lining at 12 o'clock
5	31.98	OCF	Finish node, other special chamber, reference: ATT1

PLR: ATT1 X	Upstream Node: ATT1
Inspection Direction: Upstream	Downstream Node: S10
Inspected Length: 18.02 m	Dia/Height: 225 mm
Total Length: 18.02 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S10
2	0.00	WL	Water level, 0% of the vertical dimension
3	18.02	OCF	Finish node, other special chamber, reference: ATT1

Section Summary

Project Name Wingates Bolton Unit 3	Project Number	Project Date 01/05/2024
---	-----------------------	-----------------------------------

PLR: S10 X	Upstream Node: S10
Inspection Direction: Downstream	Downstream Node: S12
Inspected Length: 54.39 m	Dia/Height: 225 mm
Total Length: 54.76 m	Material: Polyethylene

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: S10
2	0.00	WL	Water level, 0% of the vertical dimension
3	54.39	MHF	Finish node, manhole, reference: S12

PLR: S12X	Upstream Node: S12
Inspection Direction: Upstream	Downstream Node: EXS12a
Inspected Length: 7.83 m	Dia/Height: 150 mm
Total Length: 8.05 m	Material: Polypropylene

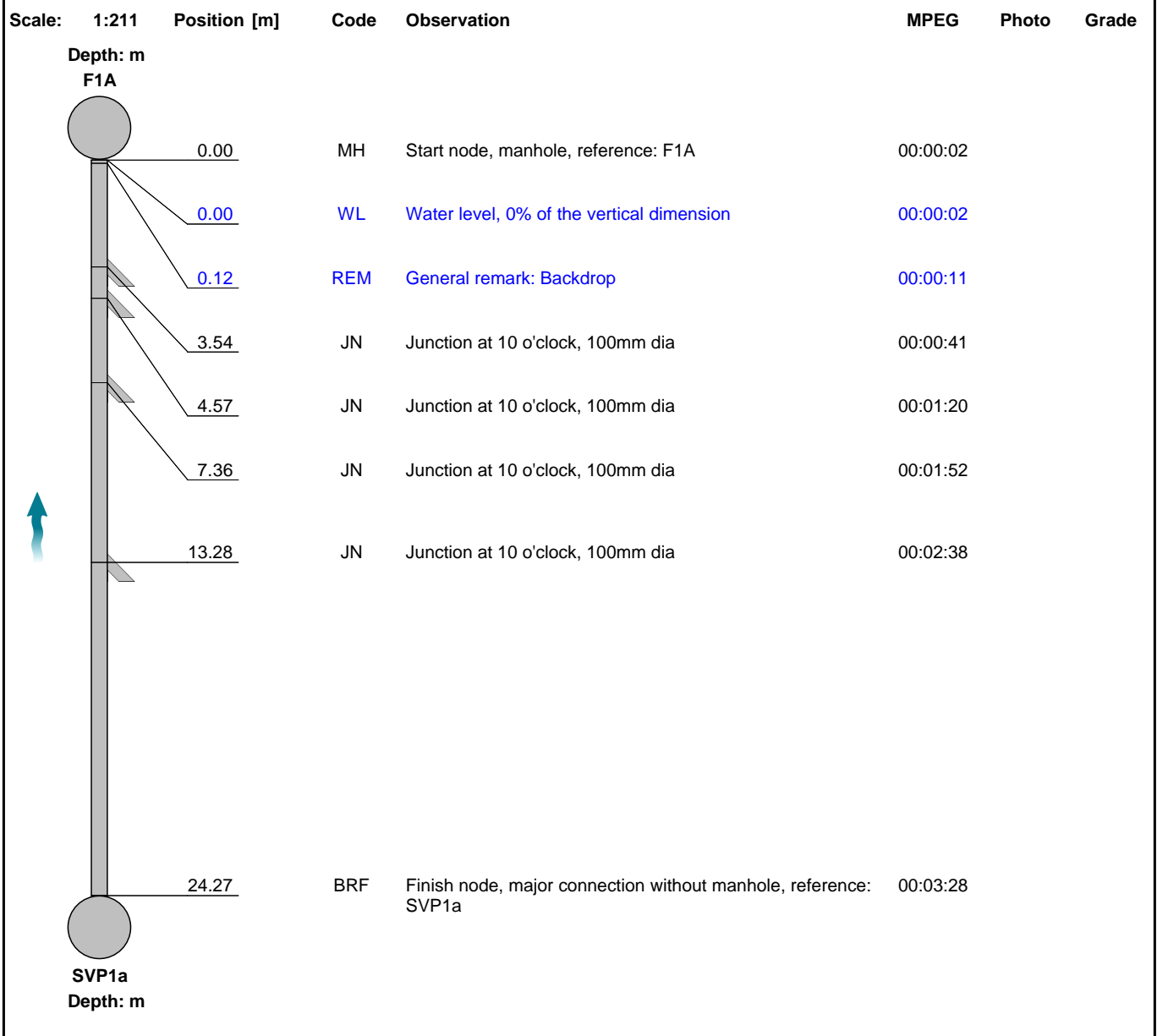
No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: EXS12a
2	0.00	WL	Water level, 0% of the vertical dimension
3	3.33	MCPE	Pipe material changes to polyethylene at this point
4	7.83	MHF	Finish node, manhole, reference: S12

Section Inspection - 02/05/2024 - SVP1aX

Item No. 1	Insp. No. 14	Date 02/05/24	Time 10:32	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SVP1AX
Operator JR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	SVP1A
Road:	Unit 3	Inspected Length:	24.27 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	24.27 m	Downstream Node:	F1A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



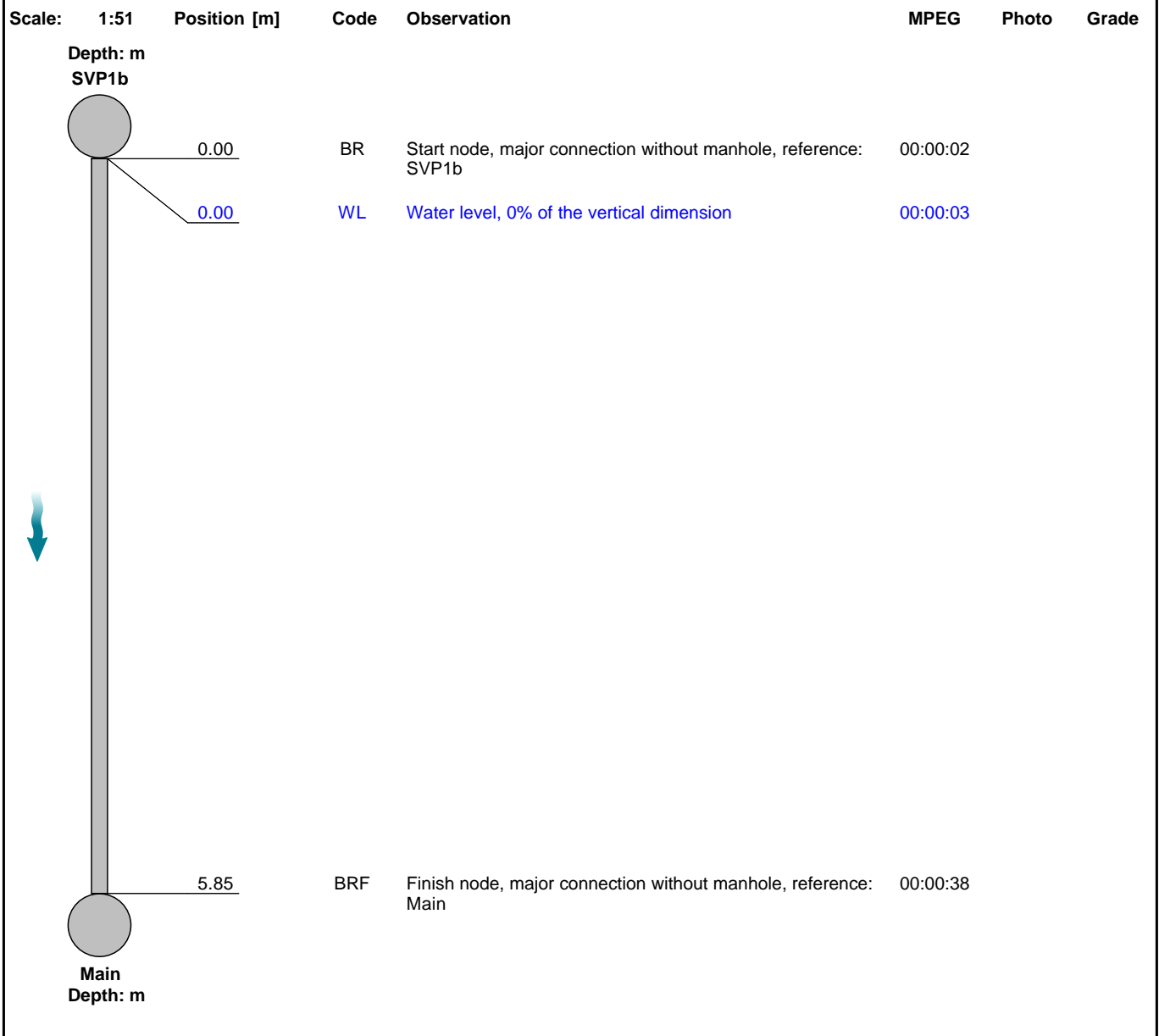
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/05/2024 - SVP1bX

Item No. 3	Insp. No. 1	Date 01/05/24	Time 9:16	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SVP1BX
Operator JR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	SVP1B
Road:	Unit 3	Inspected Length:	5.85 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	5.85 m	Downstream Node:	MAIN
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

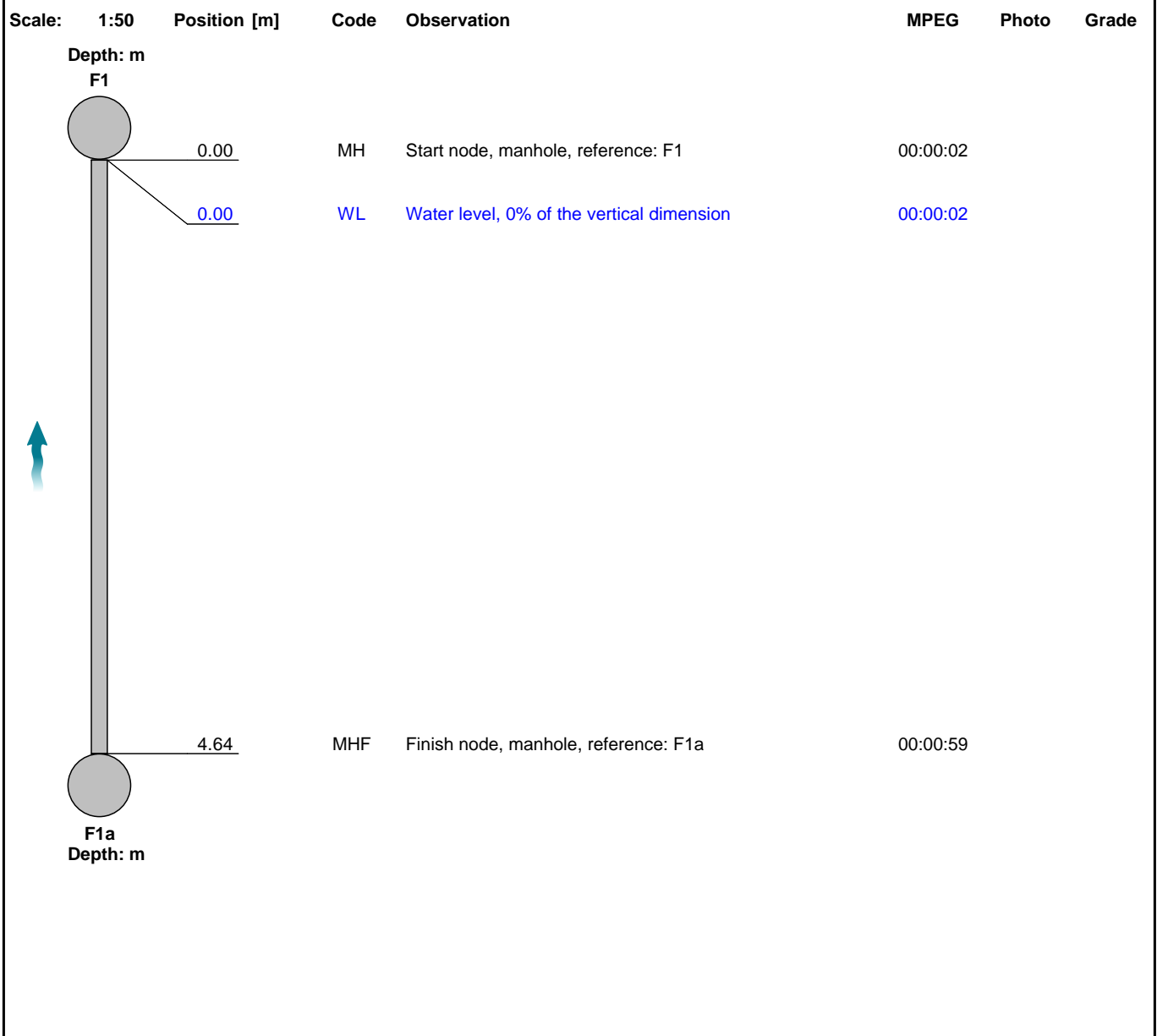


Section Inspection - 01/05/2024 - F1aX

Item No. 4	Insp. No. 2	Date 01/05/24	Time 9:58	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F1AX
Operator JR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	F1A
Road:	Unit 3	Inspected Length:	4.64 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	4.64 m	Downstream Node:	F1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



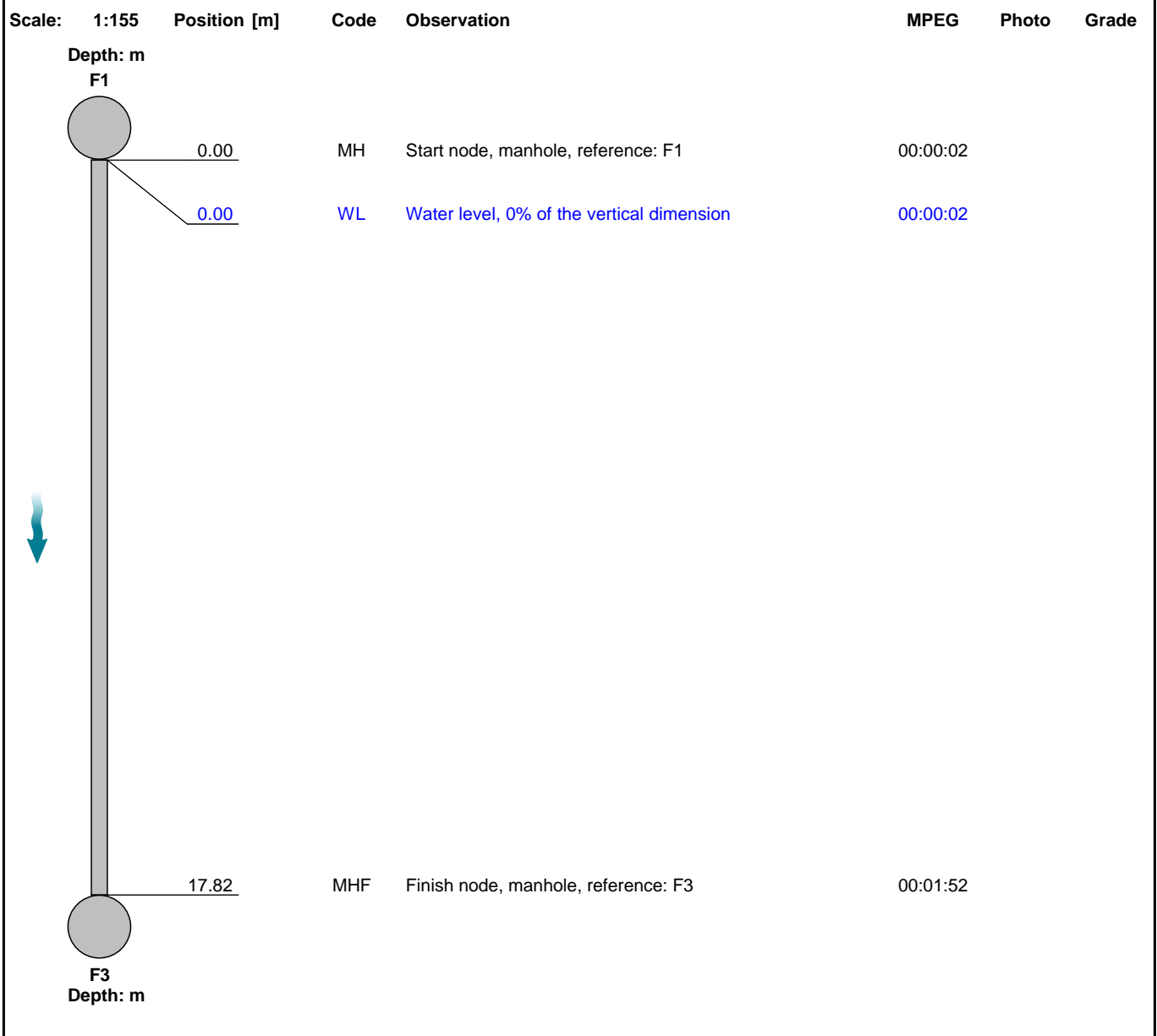
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 09/05/2024 - F1X

Item No. 5	Insp. No. 2	Date 09/05/24	Time 10:28	Client's Job Ref Wingates Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F1X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	F1
Road:	Unit 3	Inspected Length:	17.82 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	17.82 m	Downstream Node:	F3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post rehab inspection	Lining Material:	No Lining		

Comments:
Recommendations:

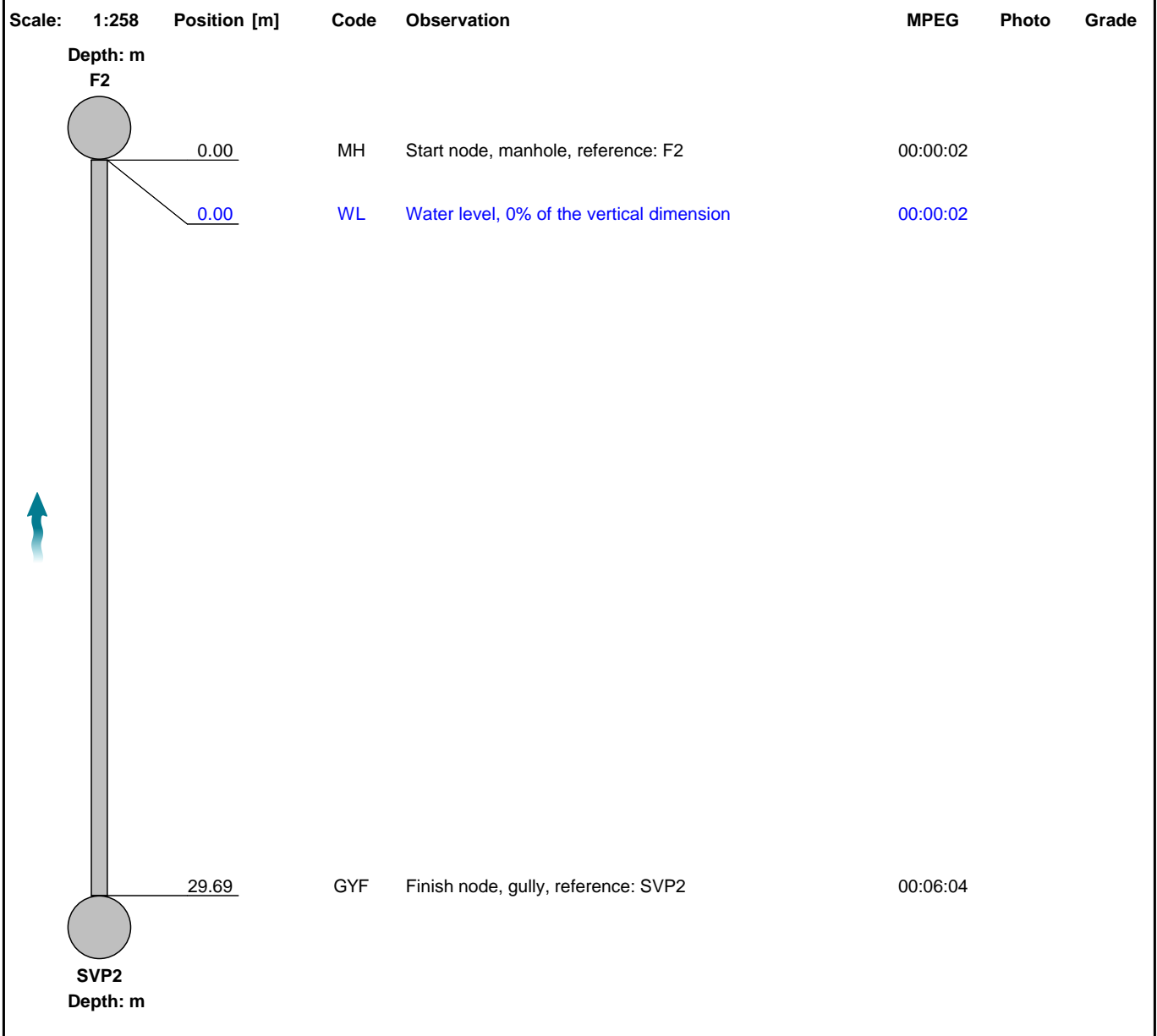


Section Inspection - 01/05/2024 - SVP2X

Item No. 7	Insp. No. 3	Date 01/05/24	Time 10:10	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SVP2X
Operator JR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	SVP2
Road:	Unit 3	Inspected Length:	29.69 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	29.69 m	Downstream Node:	F2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

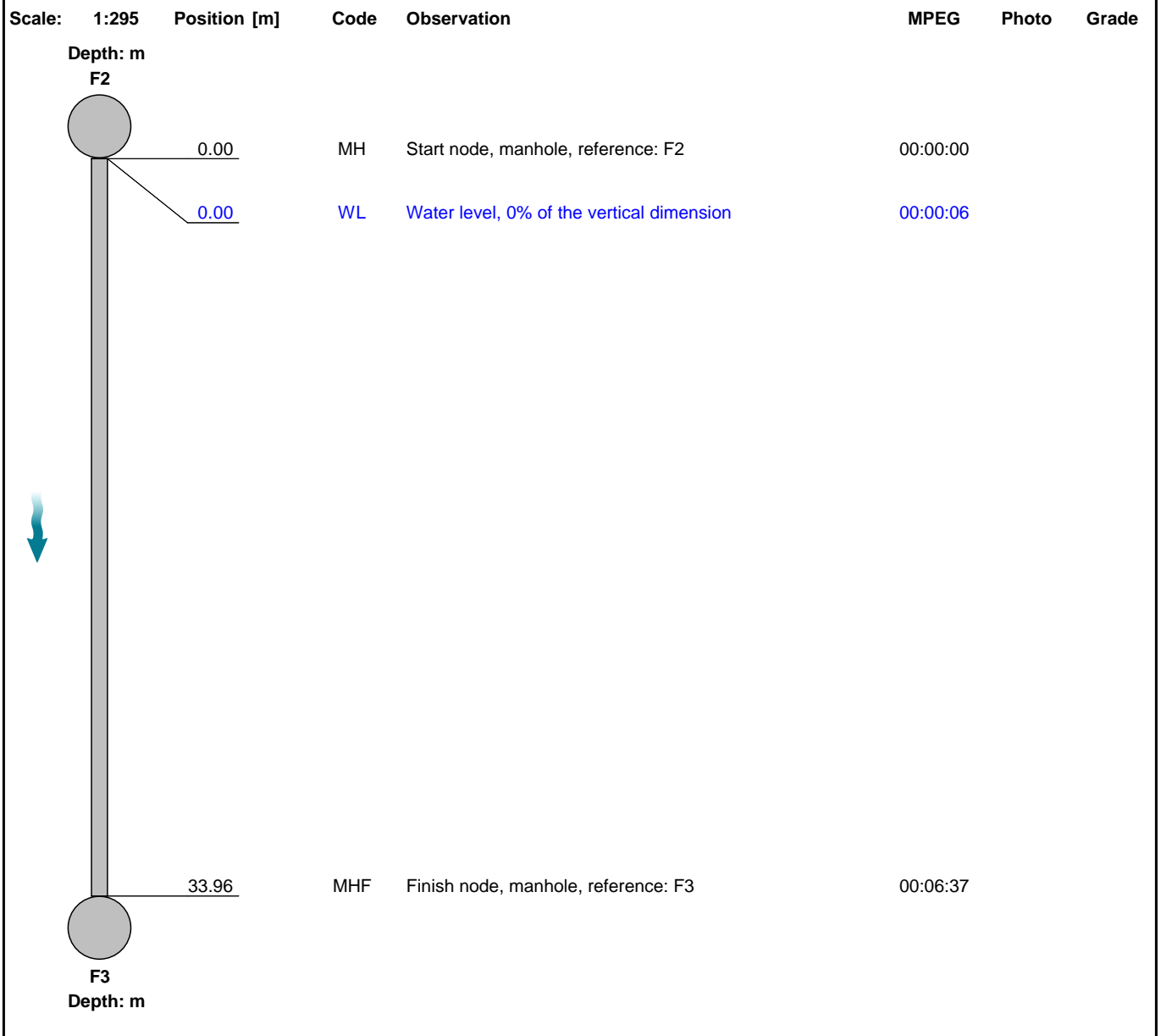


Section Inspection - 10/06/2024 - F2X

Item No. 9	Insp. No. 1	Date 10/06/24	Time 13:50	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F2X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	F2
Road:	Unit 3	Inspected Length:	33.96 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	33.96 m	Downstream Node:	F3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

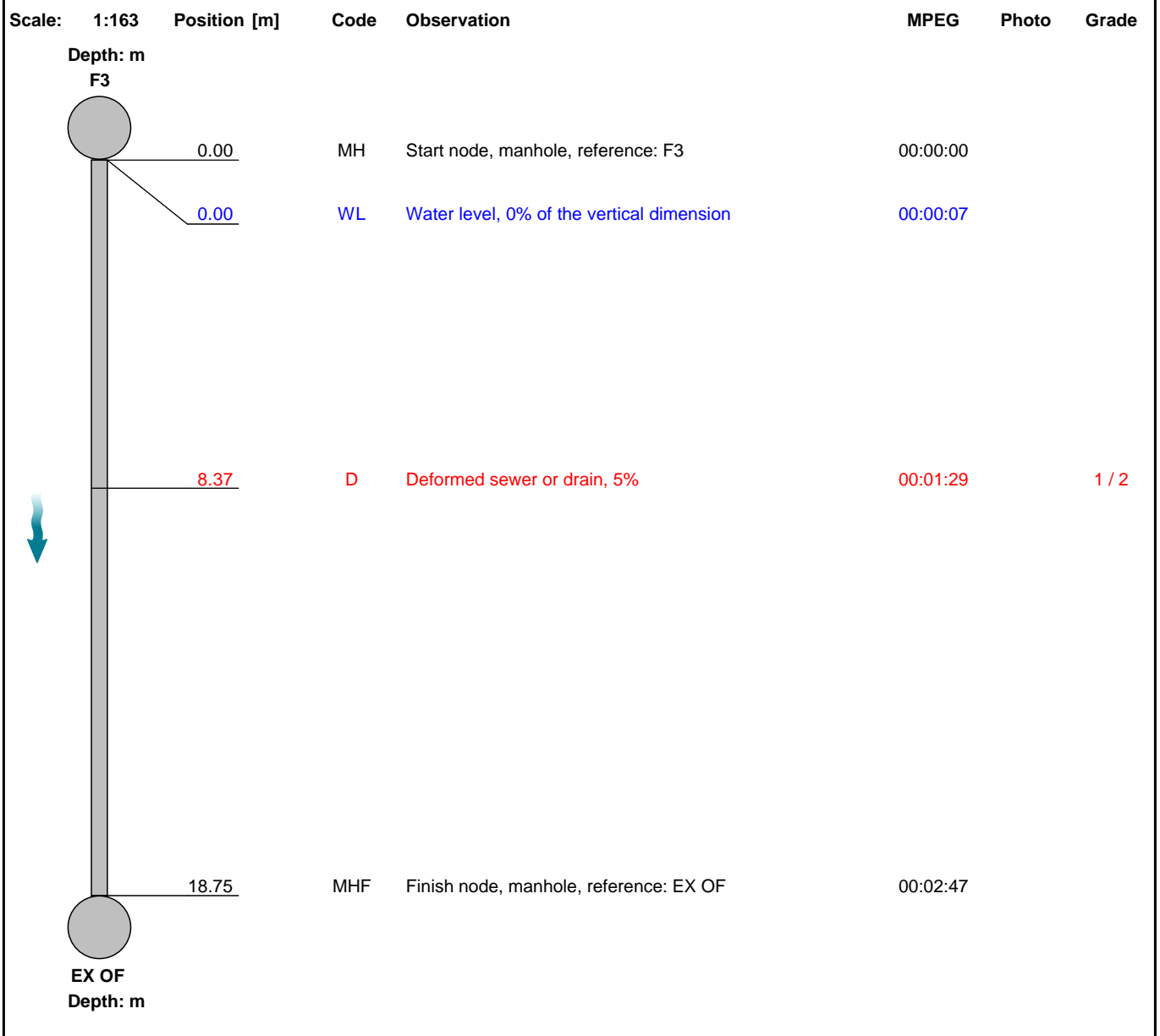


Section Inspection - 01/05/2024 - F3X

Item No. 10	Insp. No. 1	Date 01/05/24	Time 12:16	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR F3X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	F3
Road:	Unit 3	Inspected Length:	18.75 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	18.75 m	Downstream Node:	EX OF
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

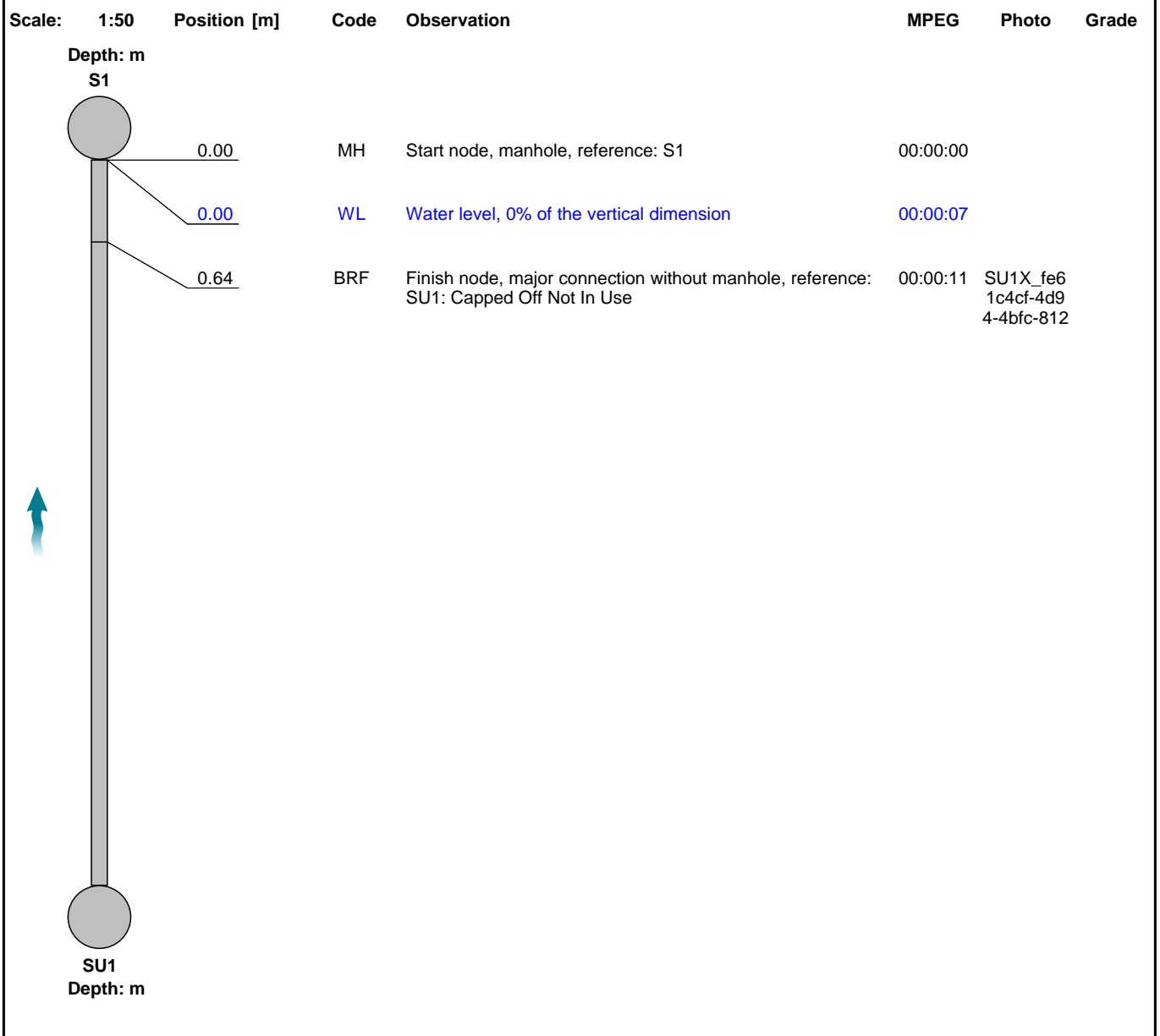
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	0.0	0.0	0.0	1.0	1	1.0	0.1	1.0	2.0

Section Inspection - 14/06/2024 - SU1X

Item No. 12	Insp. No. 13	Date 14/06/24	Time 15:51	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SU1X
Operator JR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	SU1
Road:	Unit 3	Inspected Length:	0.64 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	5.67 m	Downstream Node:	S1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

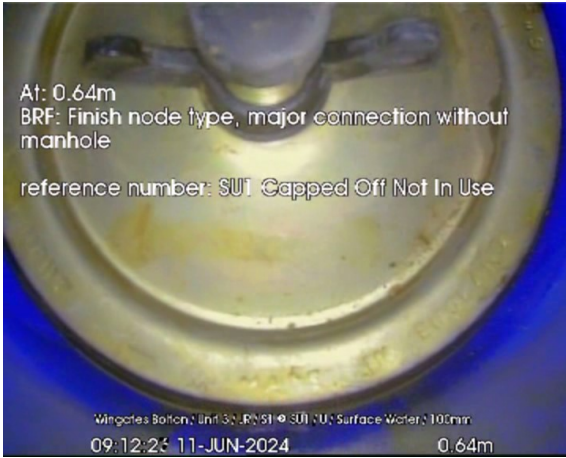
Comments:
Recommendations:



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 Pictures - 14/06/2024 - SU1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
12	Upstream	SU1X	Bolton	Unit 3



SU1X_fe61c4cf-4d94-4bfc-8120-d5a6b231868b_20240614_170410_886.jpg, 00:00:11, 0.64 m

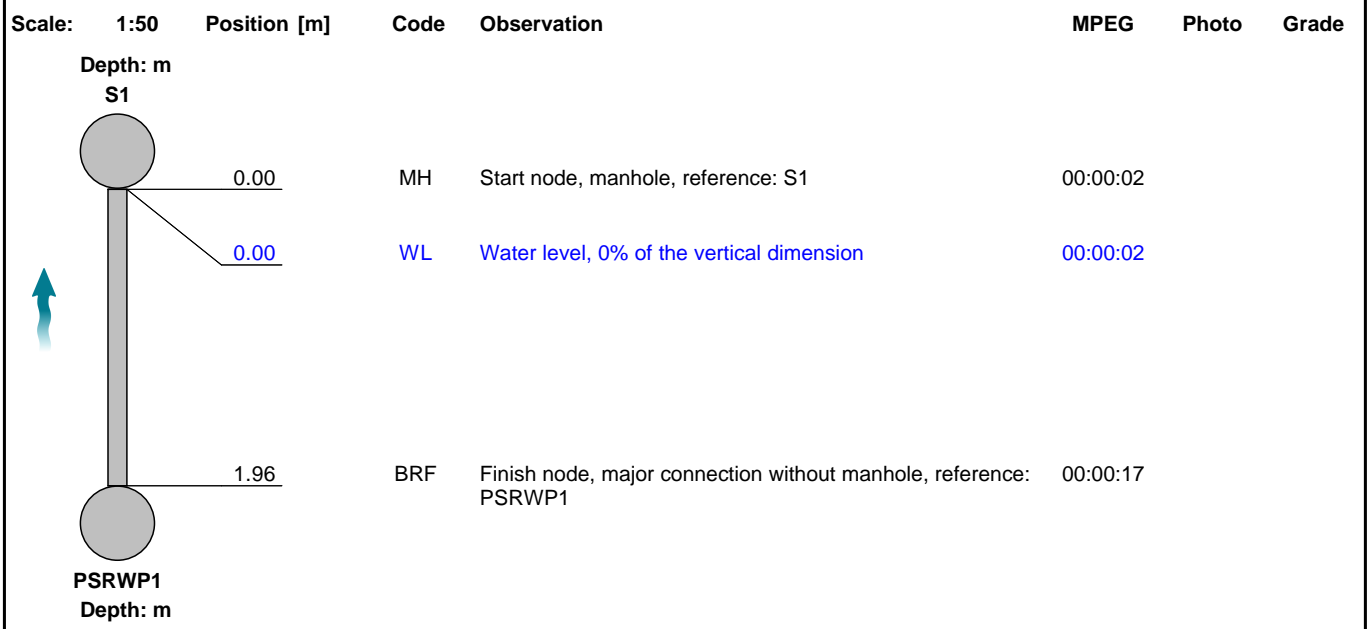
Finish node, major connection without manhole, reference: SU1, Capped Off Not In Use

Section Inspection - 01/05/2024 - PSRWP1X

Item No. 13	Insp. No. 7	Date 01/05/24	Time 14:30	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR PSRWP1X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	PSRWP1
Road:	Unit 3	Inspected Length:	1.96 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.96 m	Downstream Node:	S1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	75 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	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	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/05/2024 - SSRWP1X

Item No. 14	Insp. No. 8	Date 01/05/24	Time 14:48	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SSRWP1X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	SSRWP1
Road:	Unit 3	Inspected Length:	1.41 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.41 m	Downstream Node:	S1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	75 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m S1					
		0.00	MH	Start node, manhole, reference: S1	00:00:02		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:03		
		1.41	BRF	Finish node, major connection without manhole, reference: SSRWP1	00:00:14		
		SSRWP1 Depth: m					

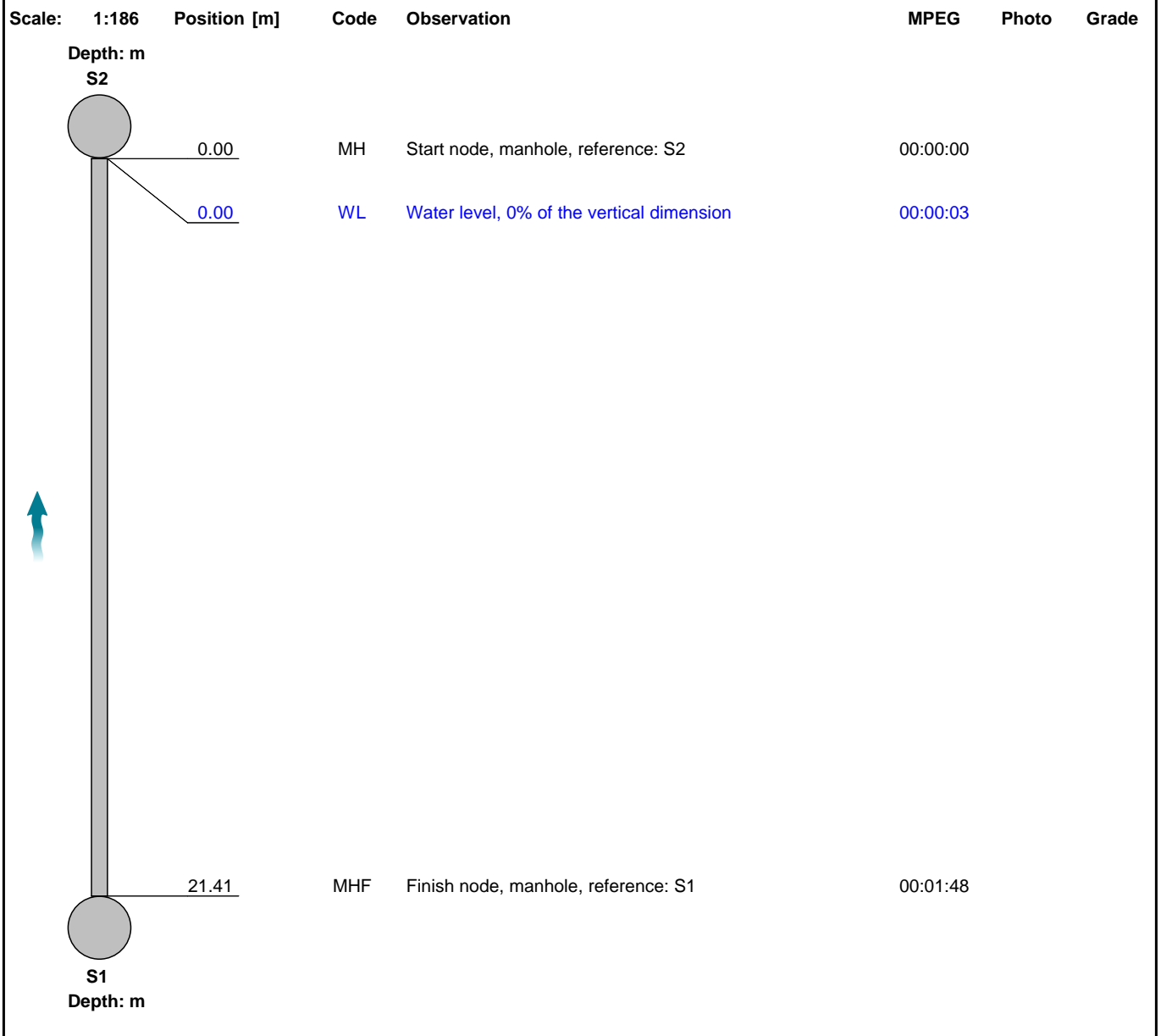
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/05/2024 - S1 X

Item No. 15	Insp. No. 1	Date 01/05/24	Time 14:51	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S1 X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	S1
Road:	Unit 3	Inspected Length:	21.41 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	21.41 m	Downstream Node:	S2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



Section Inspection - 01/05/2024 - PSRWP2X

Item No. 16	Insp. No. 6	Date 01/05/24	Time 14:19	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR PSRWP2X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	PSRWP2
Road:	Unit 3	Inspected Length:	2.08 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.08 m	Downstream Node:	S2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m S2					
		0.00	MH	Start node, manhole, reference: S2	00:00:02		
		0.00	WL	Water level, 10% of the vertical dimension	00:00:02		
		0.58	SC	Pipe size changes, new size(s), 100mm high	00:00:12		
		1.86	SC	Pipe size changes, new size(s), 75mm high	00:00:24		
		2.08	BRF	Finish node, major connection without manhole, reference: PSRWP2	00:00:27		
		PSRWP2 Depth: m					

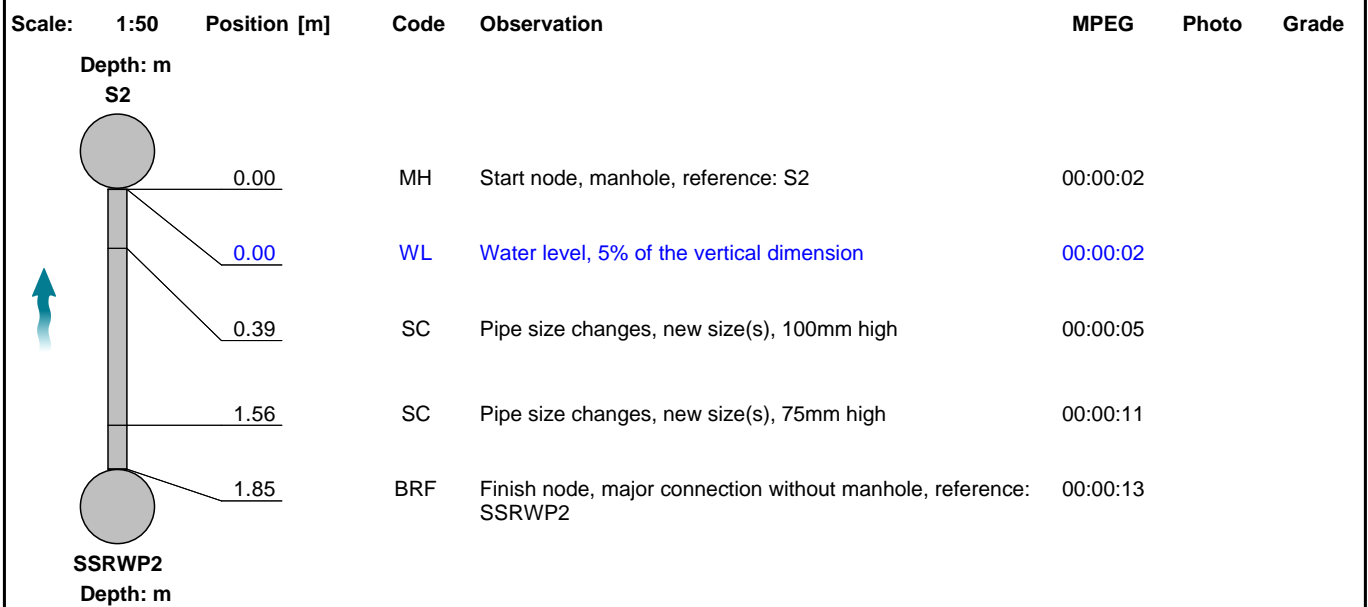
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/05/2024 - SSRWP2X

Item No. 17	Insp. No. 9	Date 01/05/24	Time 14:53	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SSRWP2X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	SSRWP2
Road:	Unit 3	Inspected Length:	1.85 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.85 m	Downstream Node:	S2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



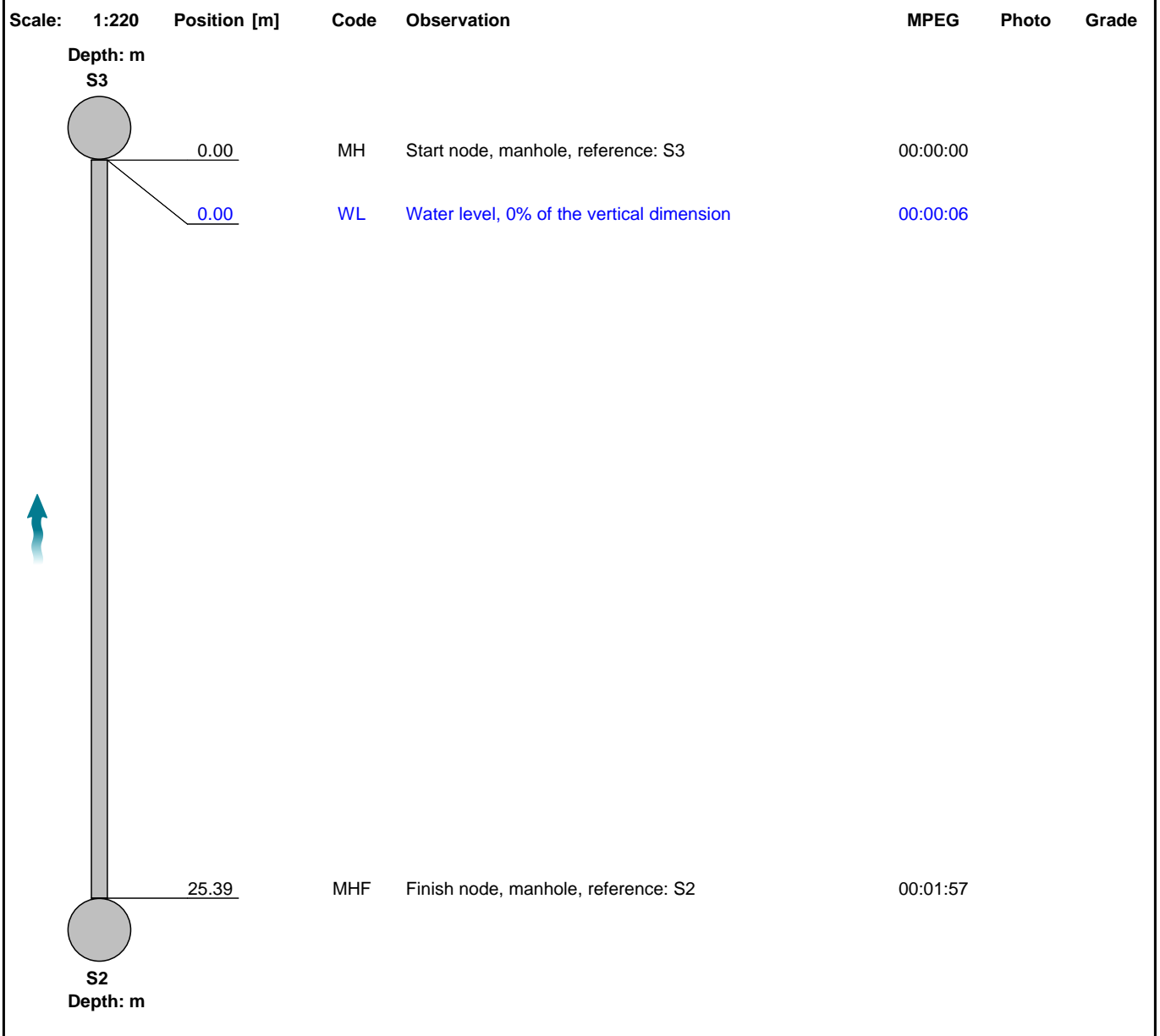
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/05/2024 - S2 X

Item No. 18	Insp. No. 1	Date 01/05/24	Time 14:47	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S2 X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	S2
Road:	Unit 3	Inspected Length:	25.39 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	25.39 m	Downstream Node:	S3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	450 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

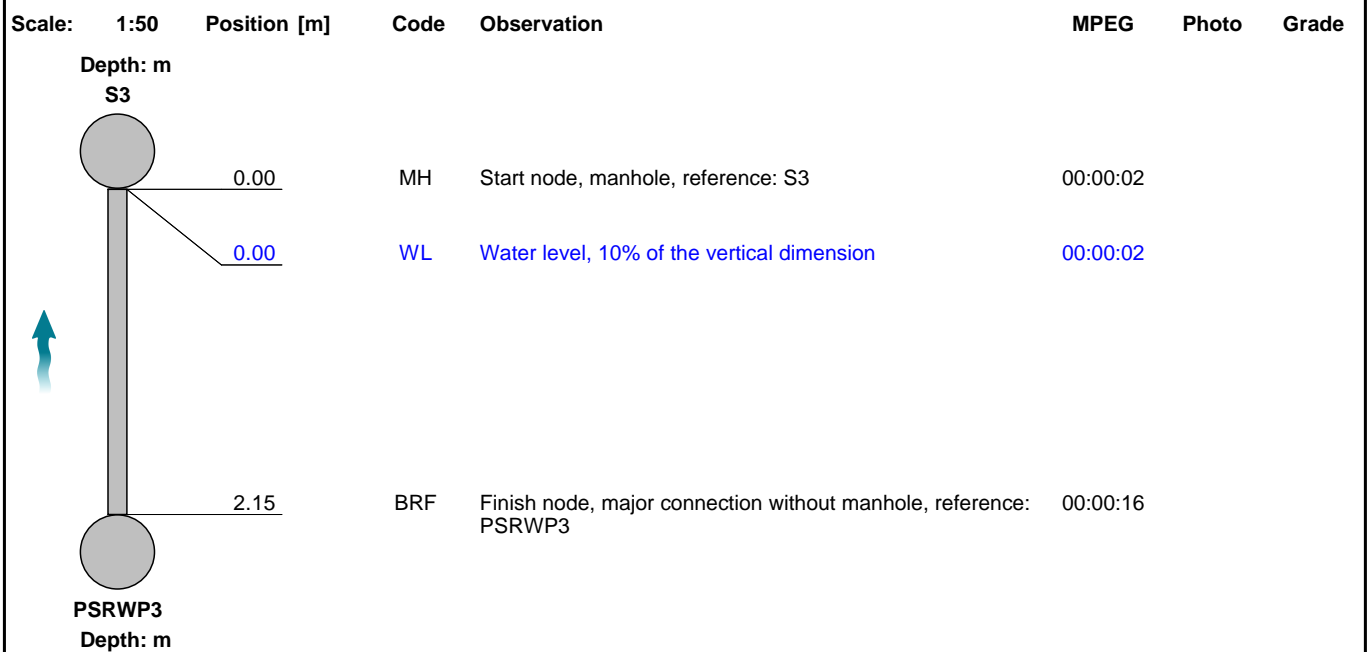


Section Inspection - 01/05/2024 - PSRWP3X

Item No. 19	Insp. No. 4	Date 01/05/24	Time 14:15	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR PSRWP3X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	PSRWP3
Road:	Unit 3	Inspected Length:	2.15 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.15 m	Downstream Node:	S3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	75 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	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	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/05/2024 - SSRWP3X

Item No. 20	Insp. No. 5	Date 01/05/24	Time 14:18	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SSRWP3X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	SSRWP3
Road:	Unit 3	Inspected Length:	1.28 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.28 m	Downstream Node:	S3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	75 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m S3					
		0.00	MH	Start node, manhole, reference: S3	00:00:02		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03		
		1.28	BRF	Finish node, major connection without manhole, reference: SSRWP3	00:00:22		
		SSRWP3 Depth: m					

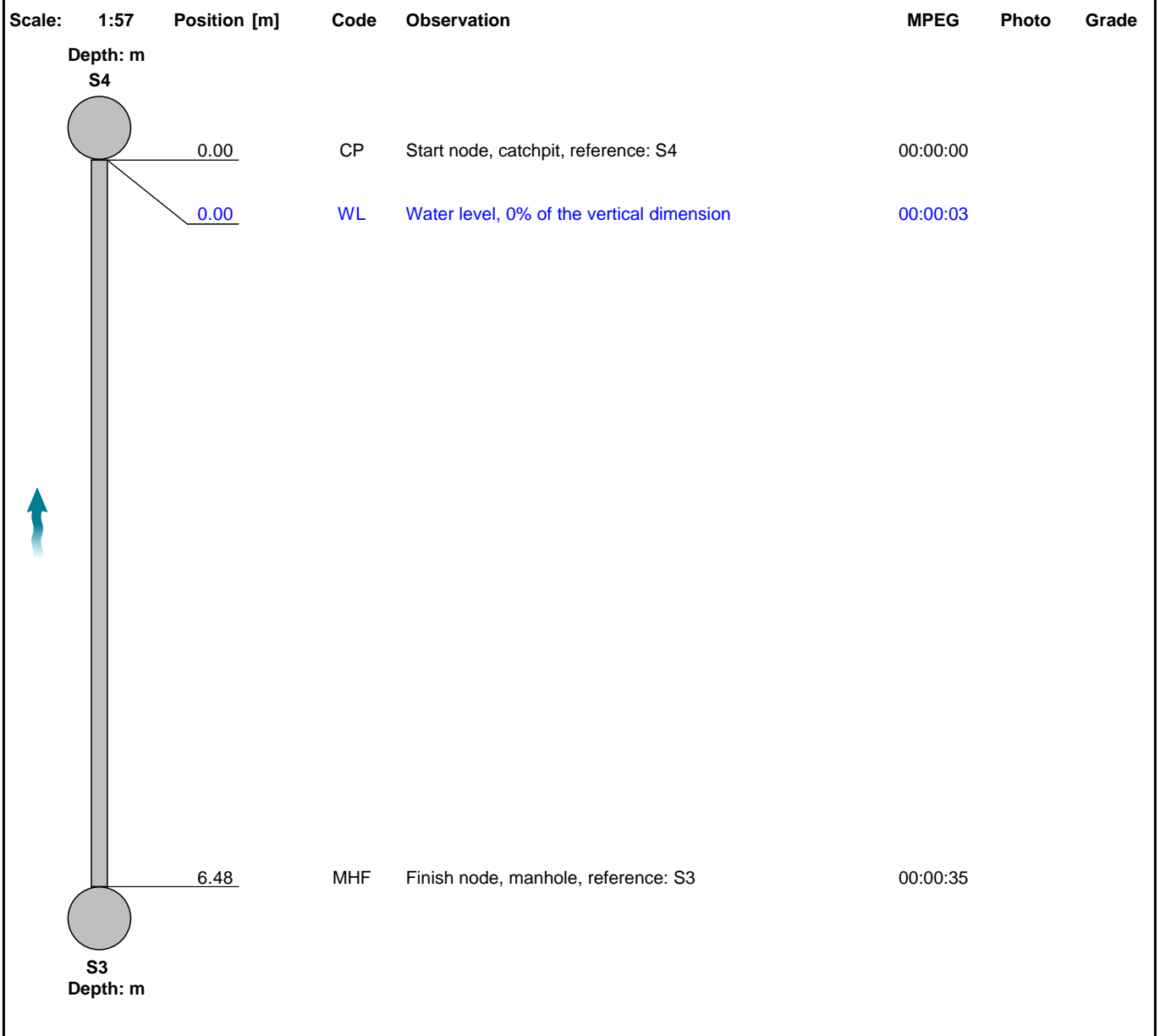
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0

Section Inspection - 01/05/2024 - S3 X

Item No. 21	Insp. No. 1	Date 01/05/24	Time 15:00	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S3 X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	S3
Road:	Unit 3	Inspected Length:	6.48 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	6.48 m	Downstream Node:	S4
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	525 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

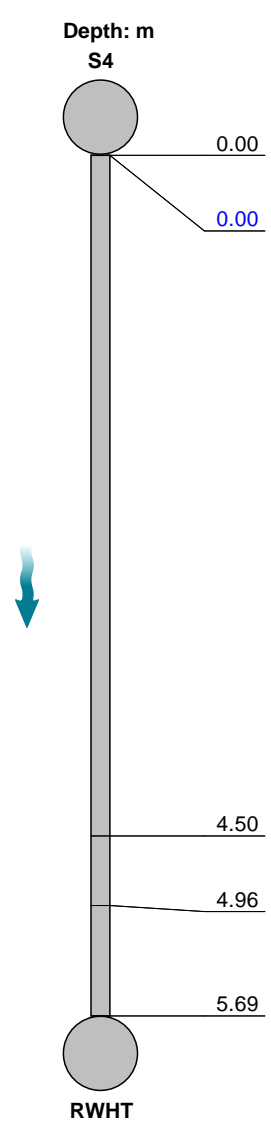


Section Inspection - 01/05/2024 - S4Y

Item No. 22	Insp. No. 3	Date 01/05/24	Time 14:08	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S4Y
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	S4
Road:	Unit 3	Inspected Length:	5.69 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	5.69 m	Downstream Node:	RWHT
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

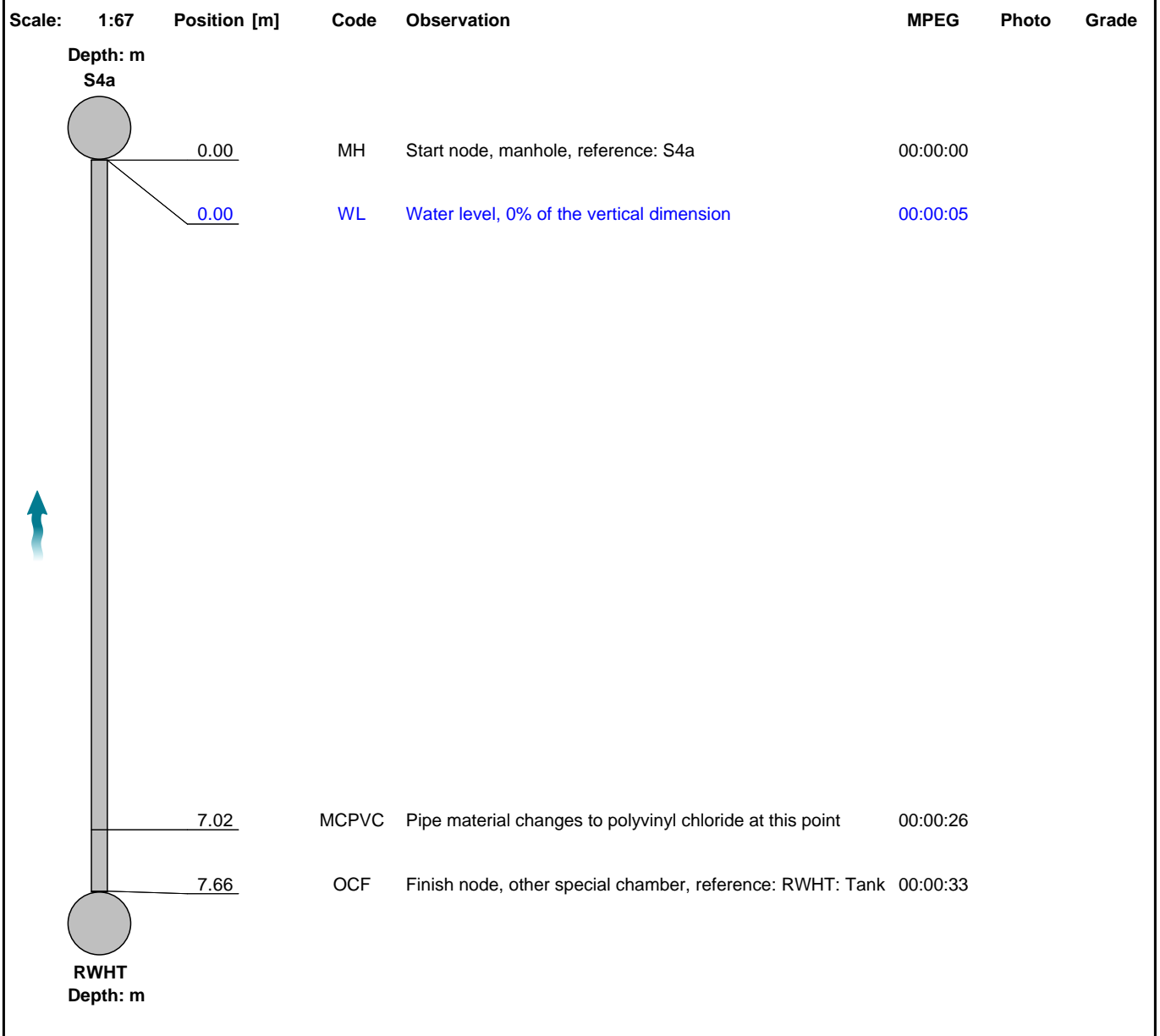
Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade																																								
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;"> <p>Depth: m</p> <p>S4</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">CP</td> <td style="width: 40%;">Start node, catchpit, reference: S4</td> <td style="width: 10%; text-align: center;">00:00:03</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td></td> <td style="text-align: center;">WL</td> <td style="color: blue;">Water level, 0% of the vertical dimension</td> <td style="text-align: center;">00:00:03</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">4.50</td> <td></td> <td style="text-align: center;">MCP</td> <td>Pipe material changes to polypropylene at this point</td> <td style="text-align: center;">00:00:49</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">4.96</td> <td></td> <td style="text-align: center;">MCPVC</td> <td>Pipe material changes to polyvinyl chloride at this point</td> <td style="text-align: center;">00:00:55</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">5.69</td> <td></td> <td style="text-align: center;">OCF</td> <td>Finish node, other special chamber, reference: RWHT: Tank</td> <td style="text-align: center;">00:01:05</td> <td></td> <td></td> <td></td> </tr> </table> </div>								0.00		CP	Start node, catchpit, reference: S4	00:00:03				0.00		WL	Water level, 0% of the vertical dimension	00:00:03				4.50		MCP	Pipe material changes to polypropylene at this point	00:00:49				4.96		MCPVC	Pipe material changes to polyvinyl chloride at this point	00:00:55				5.69		OCF	Finish node, other special chamber, reference: RWHT: Tank	00:01:05			
0.00		CP	Start node, catchpit, reference: S4	00:00:03																																											
0.00		WL	Water level, 0% of the vertical dimension	00:00:03																																											
4.50		MCP	Pipe material changes to polypropylene at this point	00:00:49																																											
4.96		MCPVC	Pipe material changes to polyvinyl chloride at this point	00:00:55																																											
5.69		OCF	Finish node, other special chamber, reference: RWHT: Tank	00:01:05																																											
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	0.0	0	0.0	0.0	0.0	0.0																																						

Section Inspection - 14/06/2024 - RWHTX

Item No. 23	Insp. No. 10	Date 14/06/24	Time 15:51	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR RWHTX
Operator JR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	RWHT
Road:	Unit 3	Inspected Length:	7.66 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	7.67 m	Downstream Node:	S4A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



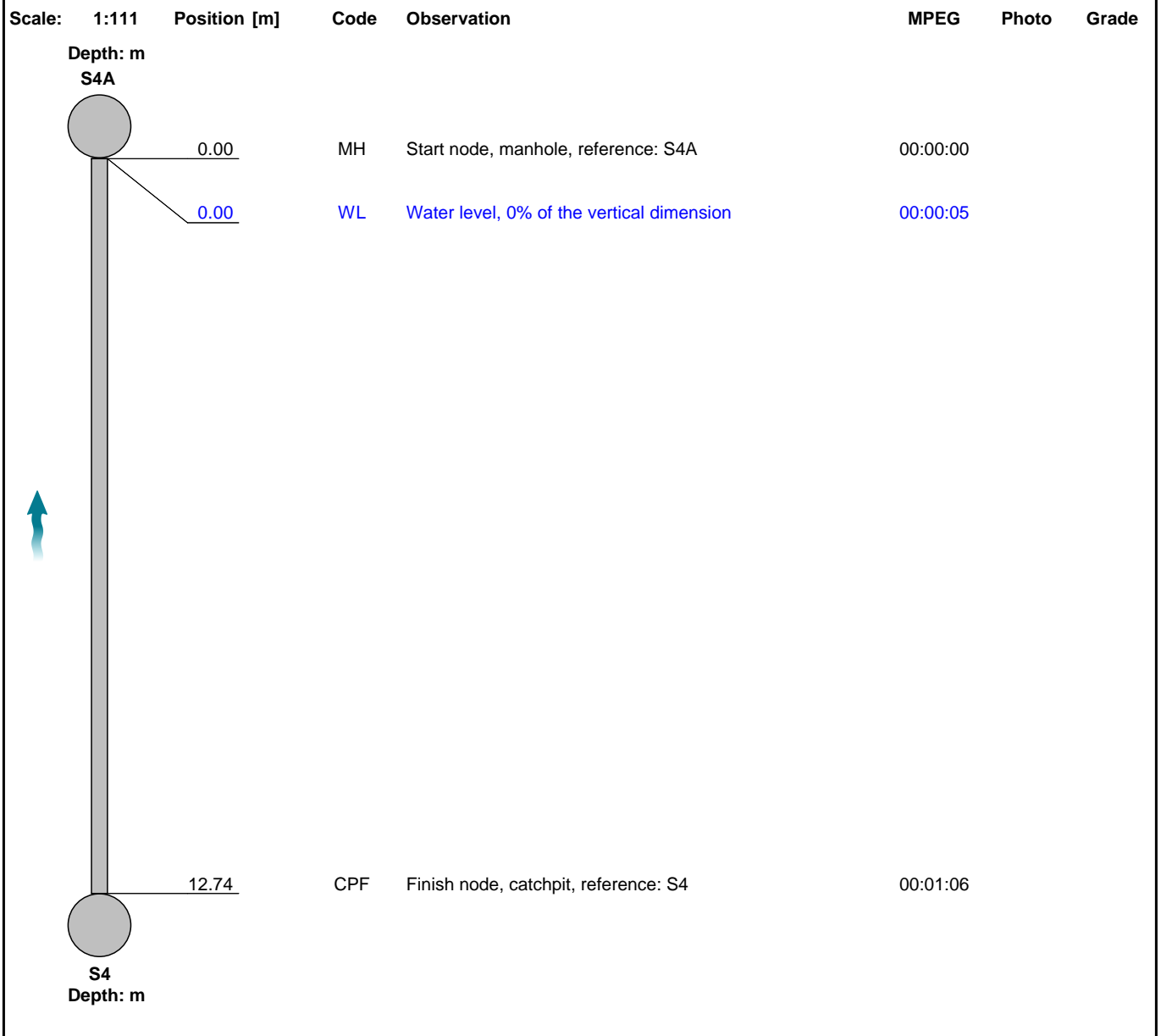
Construction Features				Miscellaneous Features					
Structural Defects				Service & Operational Observations					
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 01/05/2024 - S4X

Item No. 24	Insp. No. 1	Date 01/05/24	Time 17:04	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S4X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	S4
Road:	Unit 3	Inspected Length:	12.74 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	12.74 m	Downstream Node:	S4A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	525 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

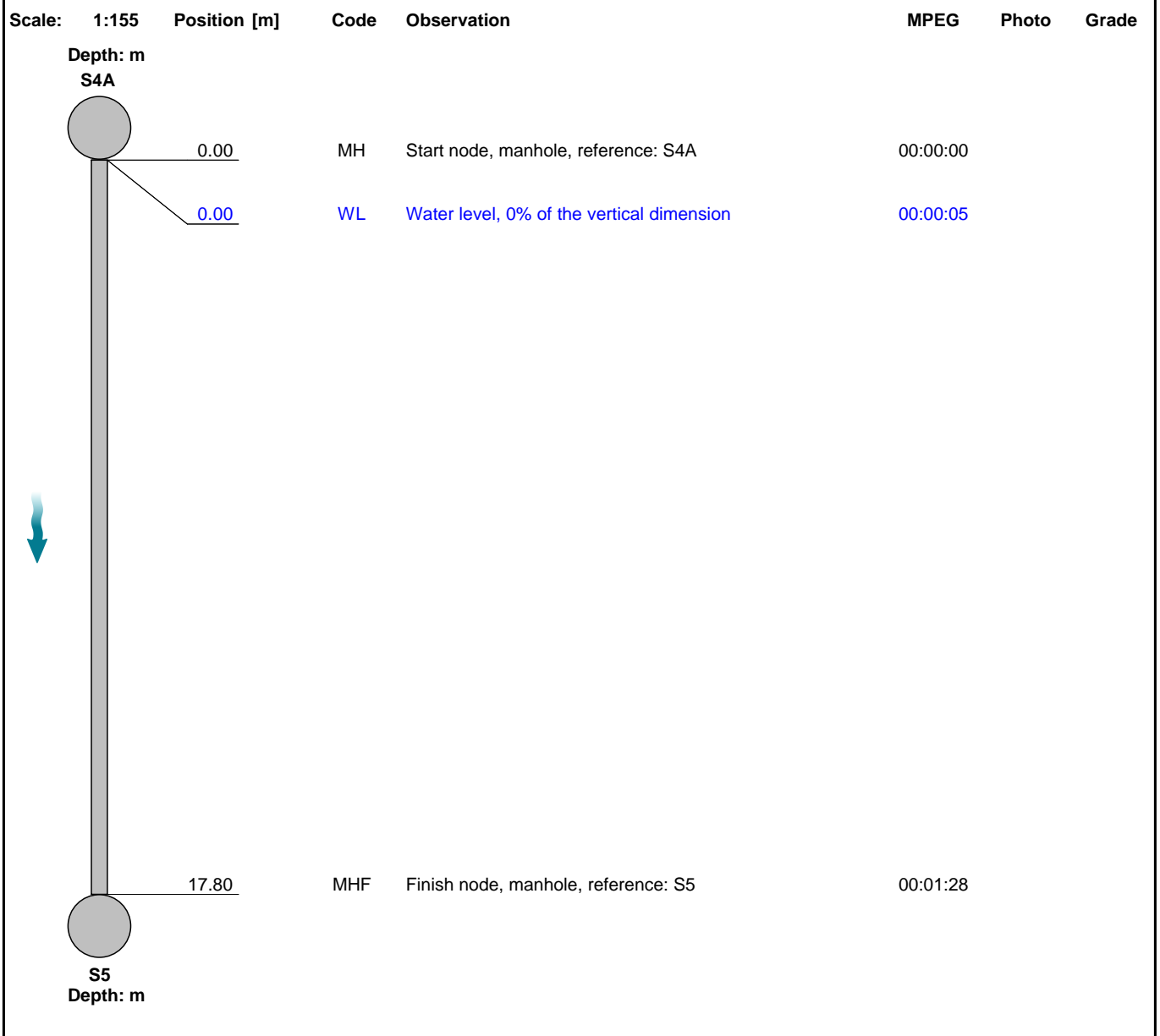


Section Inspection - 01/05/2024 - S4A X

Item No. 25	Insp. No. 1	Date 01/05/24	Time 17:12	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S4A X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	S4A
Road:	Unit 3	Inspected Length:	17.80 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	17.80 m	Downstream Node:	S5
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	525 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



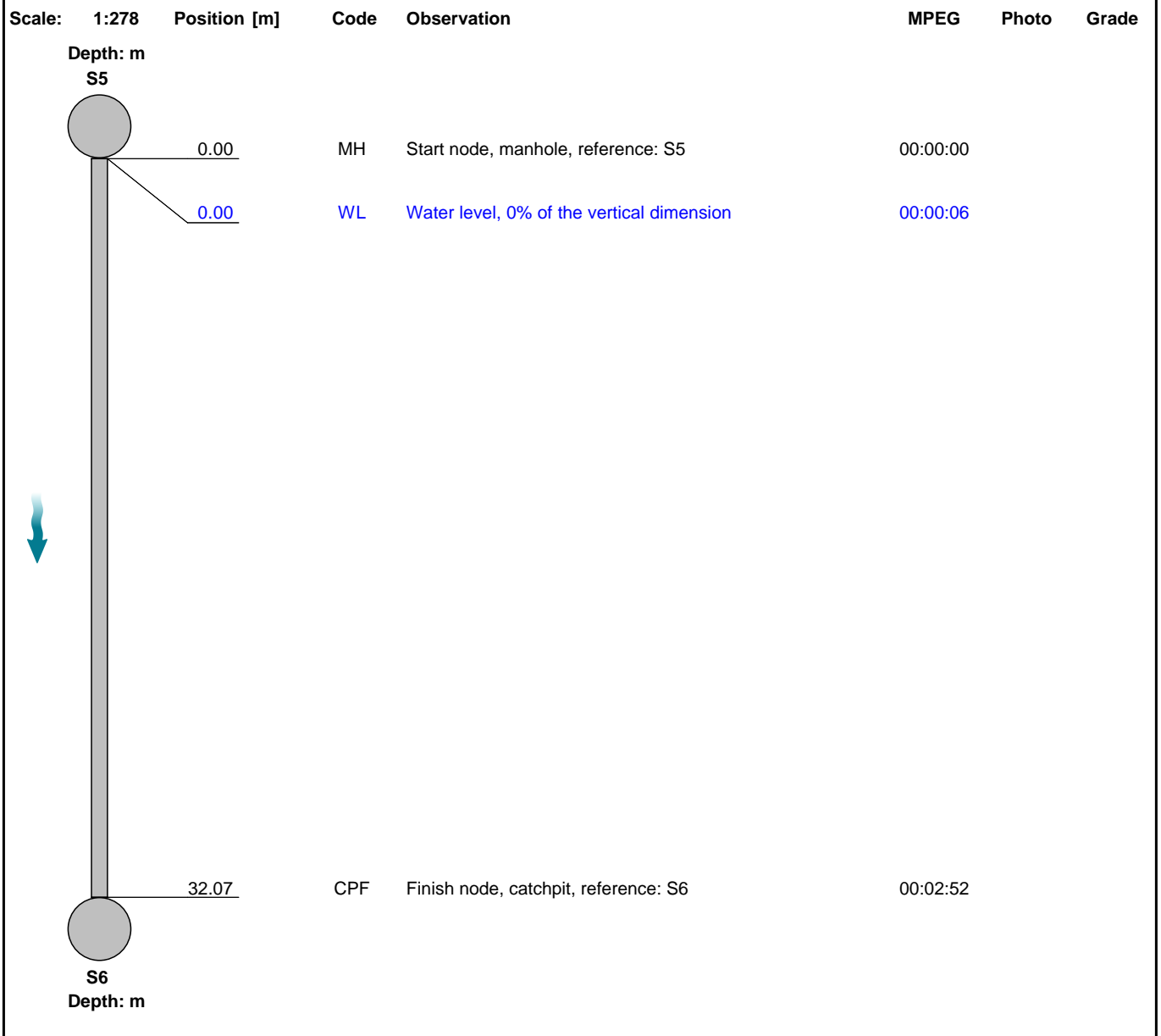
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 01/05/2024 - S5 X

Item No. 26	Insp. No. 1	Date 01/05/24	Time 17:28	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S5 X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	S5
Road:	Unit 3	Inspected Length:	32.07 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	32.07 m	Downstream Node:	S6
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	525 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

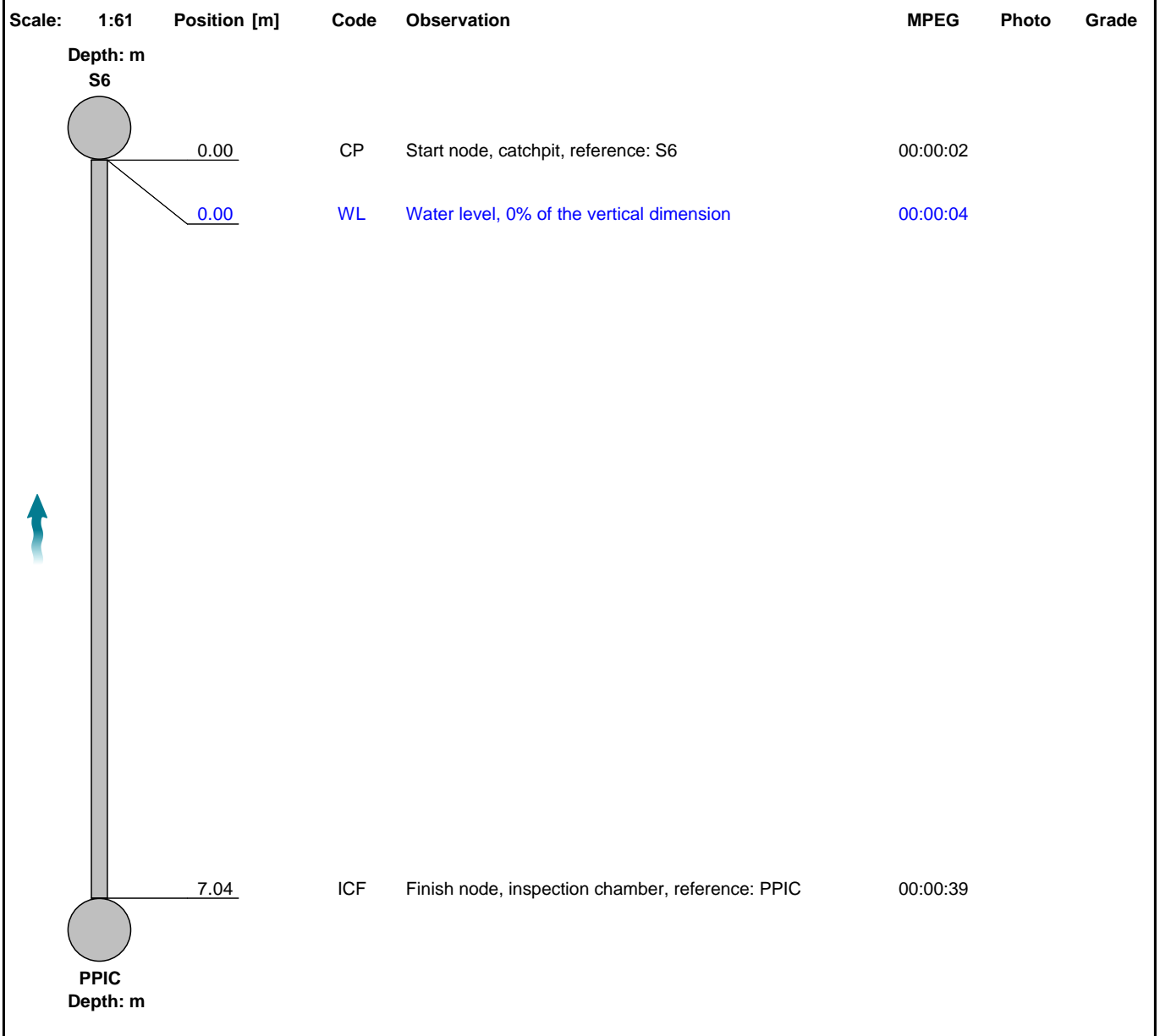


Section Inspection - 01/05/2024 - PPICX

Item No. 27	Insp. No. 12	Date 01/05/24	Time 15:45	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR PPICX
Operator JR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	PPIC
Road:	Unit 3	Inspected Length:	7.04 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	7.04 m	Downstream Node:	S6
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

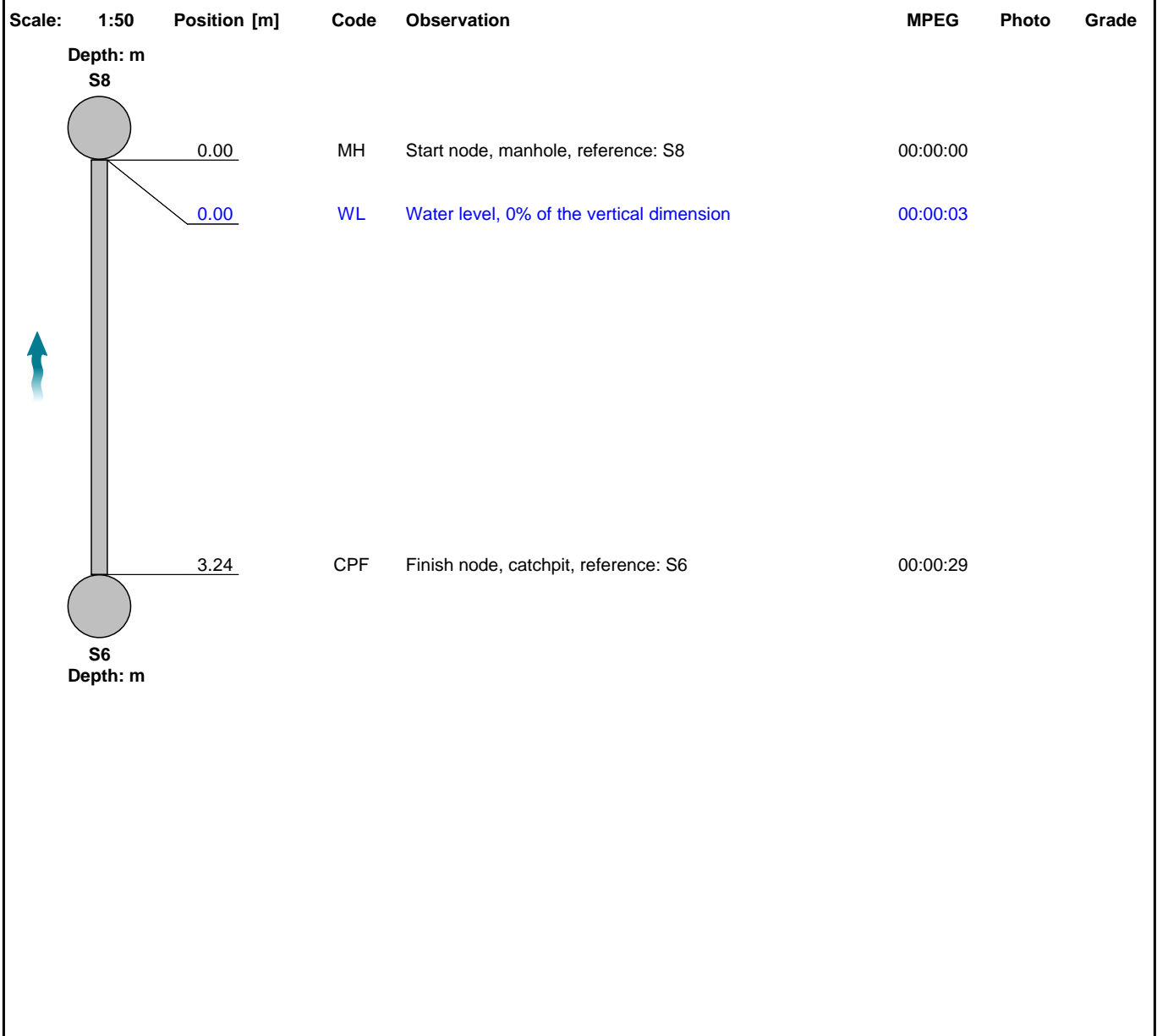


Section Inspection - 01/05/2024 - S6X

Item No. 28	Insp. No. 1	Date 01/05/24	Time 16:07	Client's Job Ref Unit 3	Weather Not Specified	Pre Cleaned Not Specified	PLR S6X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	S6
Road:	Unit 3	Inspected Length:	3.24 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.24 m	Downstream Node:	S8
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	525 mm		
Flow Control:		Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:



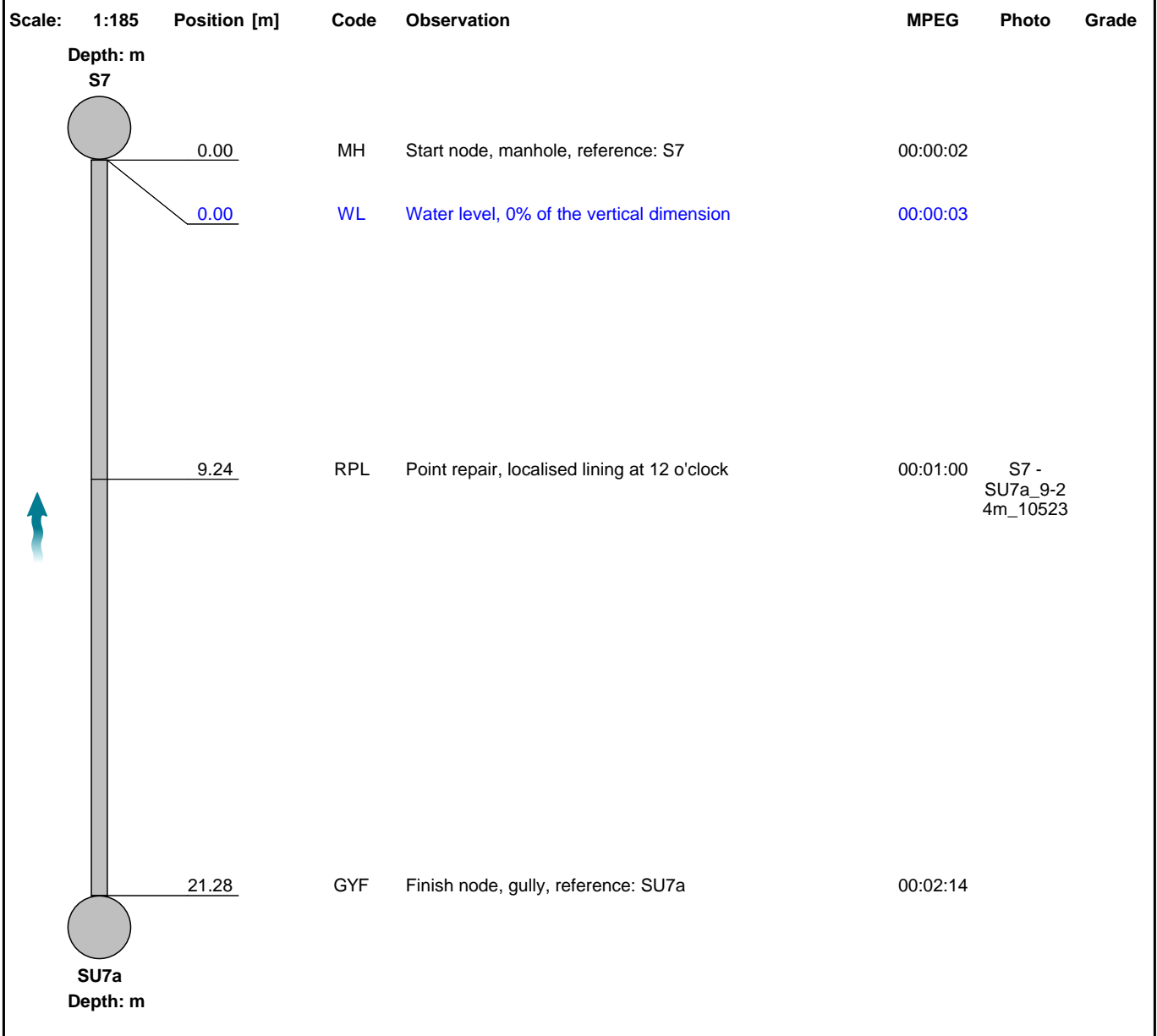
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 09/05/2024 - SU7aX

Item No. 29	Insp. No. 3	Date 09/05/24	Time 10:50	Client's Job Ref Wingates Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SU7AX
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	SU7A
Road:	Unit 3	Inspected Length:	21.28 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	21.28 m	Downstream Node:	S7
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post rehab 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	0.0	0	0.0	0.0	0.0	0.0

Section Pictures - 09/05/2024 - SU7aX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
29	Upstream	SU7AX	Wingates Bolton	Unit 3



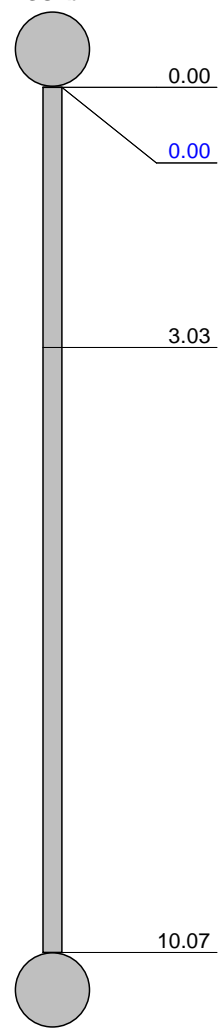
S7 - SU7a_9-24m_105235.jpg, 00:01:00, 9.24 m
Point repair, localised lining at 12 o'clock

Section Inspection - 01/05/2024 - SU7bX

Item No. 31	Insp. No. 11	Date 01/05/24	Time 15:37	Client's Job Ref Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SU7BX
Operator JR		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	SU7B
Road:	Unit 3	Inspected Length:	10.07 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	10.07 m	Downstream Node:	S7
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:88	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;"> <p>Depth: m</p> <p>SU7b</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 15%;"></td> <td style="width: 5%;">GY</td> <td style="width: 45%;">Start node, gully, reference: SU7b</td> <td style="width: 10%; text-align: center;">00:00:02</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td></td> <td>WL</td> <td>Water level, 0% of the vertical dimension</td> <td style="text-align: center;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">3.03</td> <td></td> <td>SC</td> <td>Pipe size changes, new size(s), 225mm high</td> <td style="text-align: center;">00:00:25</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">10.07</td> <td></td> <td>MHF</td> <td>Finish node, manhole, reference: S7</td> <td style="text-align: center;">00:00:57</td> <td></td> <td></td> </tr> </table> </div>								0.00		GY	Start node, gully, reference: SU7b	00:00:02			0.00		WL	Water level, 0% of the vertical dimension	00:00:03			3.03		SC	Pipe size changes, new size(s), 225mm high	00:00:25			10.07		MHF	Finish node, manhole, reference: S7	00:00:57		
0.00		GY	Start node, gully, reference: SU7b	00:00:02																															
0.00		WL	Water level, 0% of the vertical dimension	00:00:03																															
3.03		SC	Pipe size changes, new size(s), 225mm high	00:00:25																															
10.07		MHF	Finish node, manhole, reference: S7	00:00:57																															
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	0.0	0	0.0	0.0	0.0	0.0																										

Section Inspection - 01/05/2024 - S7 X

Item No. 32	Insp. No. 1	Date 01/05/24	Time 15:21	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S7 X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	S7
Road:	Unit 3	Inspected Length:	2.05 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.05 m	Downstream Node:	INT1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m					
		S7					
		0.00	MH	Start node, manhole, reference: S7	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:06		
		1.68	MCPVC	Pipe material changes to polyvinyl chloride at this point	00:00:22		
		2.05	OSF	Finish node, oil separator, reference: INT1	00:00:32		
		INT1					
		Depth: m					

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 - 08/05/2024 - INT1X

Item No. 33	Insp. No. 1	Date 08/05/24	Time 11:05	Client's Job Ref Wingates Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR INT1X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	INT1
Road:	Unit 3	Inspected Length:	1.58 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.58 m	Downstream Node:	S8
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post rehab inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		Depth: m					
		S8					
		0.00	MH	Start node, manhole, reference: S8	00:00:02		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03		
		0.28	RPL	Point repair, localised lining at 12 o'clock	00:00:08		
		1.04	MCPVC	Pipe material changes to polyvinyl chloride at this point	00:00:16		
		1.58	OSF	Finish node, oil separator, reference: INT1	00:00:20		
		INT1					
		Depth: m					

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	0.0	0	0.0	0.0	0.0	0.0

Section Pictures - 08/05/2024 - INT1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
33	Upstream	INT1X	Wingates Bolton	Unit 3



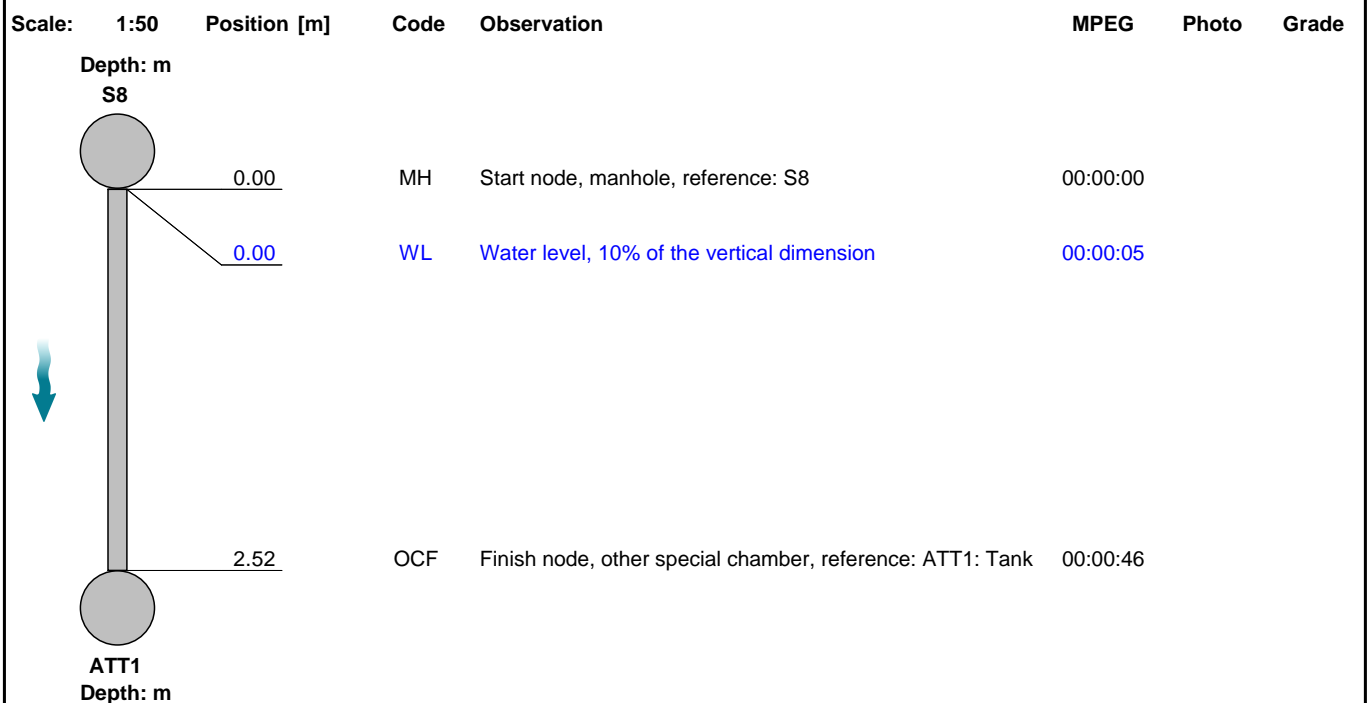
S8 - INT1_0-28m_110741.jpg, 00:00:08, 0.28 m
Point repair, localised lining at 12 o'clock

Section Inspection - 01/05/2024 - S8 X

Item No. 35	Insp. No. 1	Date 01/05/24	Time 16:19	Client's Job Ref Unit 3	Weather Not Specified	Pre Cleaned Not Specified	PLR S8 X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	S8
Road:	Unit 3	Inspected Length:	2.52 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	2.52 m	Downstream Node:	ATT1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	600 mm		
Flow Control:		Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:



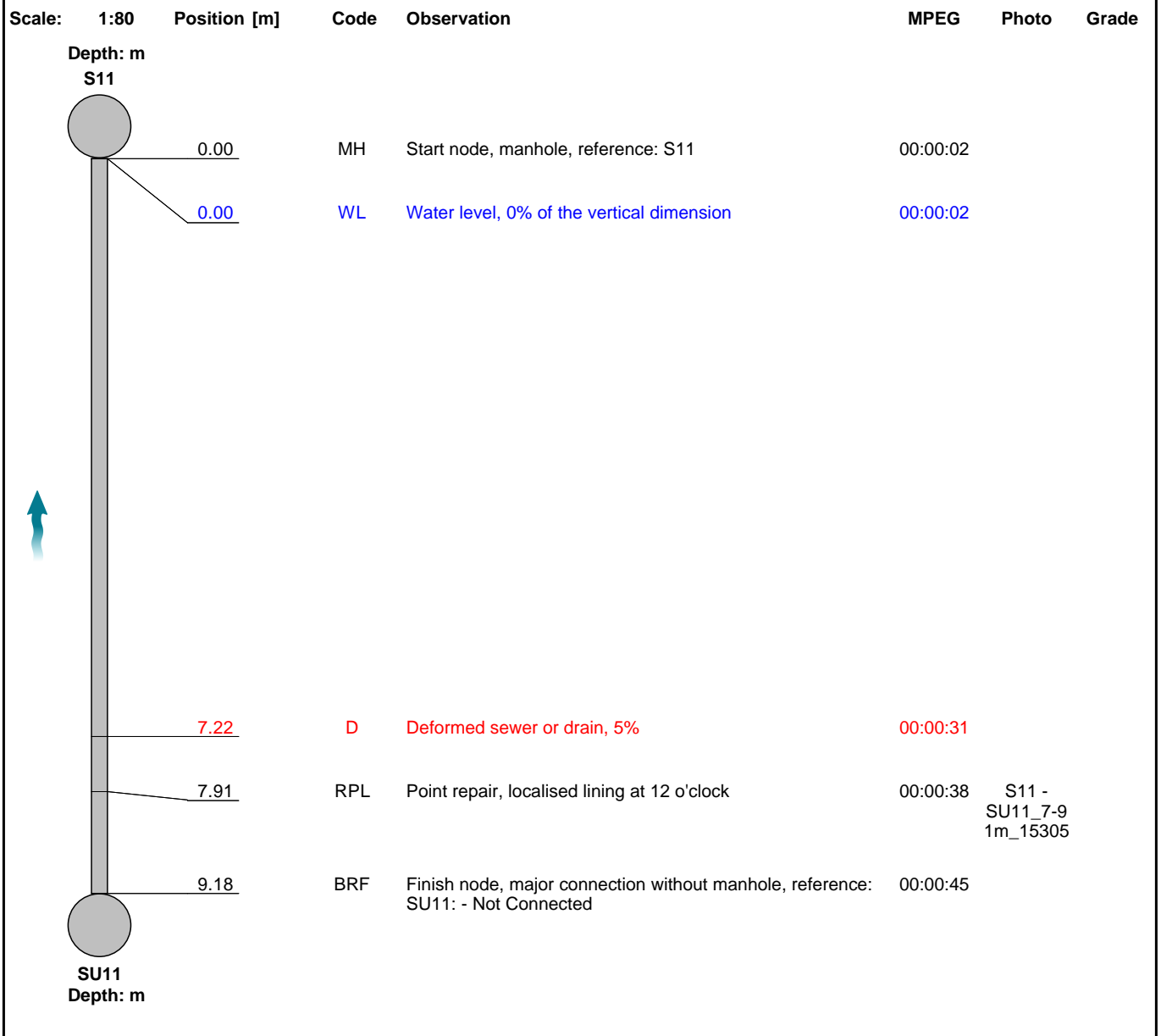
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 08/05/2024 - SU11X

Item No. 38	Insp. No. 2	Date 08/05/24	Time 15:29	Client's Job Ref Wingate Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SU11X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	SU11
Road:	Unit 3	Inspected Length:	9.18 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	9.18 m	Downstream Node:	S11
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post rehab 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	0.0	0	0.0	0.0	0.0	0.0

Section Pictures - 08/05/2024 - SU11X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
38	Upstream	SU11X	Wingate Bolton	Unit 3



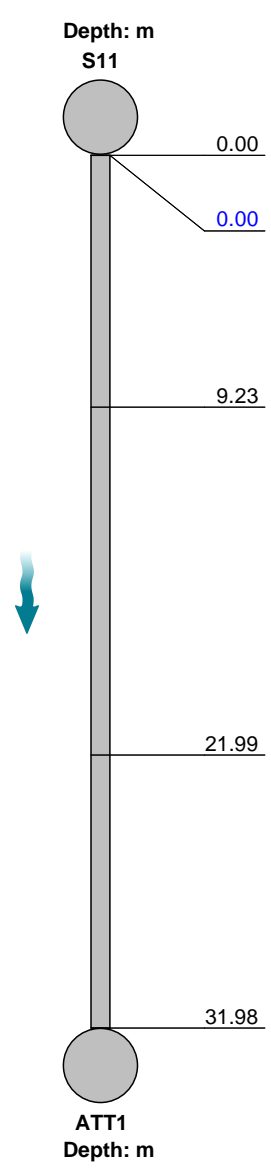
S11 - SU11_7-91m_153053.jpg, 00:00:38, 7.91 m
Point repair, localised lining at 12 o'clock

Section Inspection - 08/05/2024 - S11X

Item No. 39	Insp. No. 1	Date 08/05/24	Time 14:04	Client's Job Ref Wingate Bolton	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S11X
Operator SC		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID 1

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	S11
Road:	Unit 3	Inspected Length:	31.98 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	31.98 m	Downstream Node:	ATT1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post rehab inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:277	Position [m]	Code	Observation	MPEG	Photo	Grade																																			
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Depth: m</p> <p>S11</p>  </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">0.00</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">MH</td> <td style="width: 40%;">Start node, manhole, reference: S11</td> <td style="width: 10%; text-align: center;">00:00:02</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">0.00</td> <td></td> <td style="text-align: center;">WL</td> <td style="color: blue;">Water level, 0% of the vertical dimension</td> <td style="text-align: center;">00:00:03</td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">9.23</td> <td></td> <td style="text-align: center;">RPL</td> <td>Point repair, localised lining at 12 o'clock</td> <td style="text-align: center;">00:00:39</td> <td style="text-align: center;">S10 - ATT1_9-2</td> <td style="text-align: center;">3m_14061</td> </tr> <tr> <td style="text-align: center;">21.99</td> <td></td> <td style="text-align: center;">RPL</td> <td>Point repair, localised lining at 12 o'clock</td> <td style="text-align: center;">00:01:24</td> <td style="text-align: center;">S10 - ATT1_21- 99m_1407</td> <td></td> </tr> <tr> <td style="text-align: center;">31.98</td> <td></td> <td style="text-align: center;">OCF</td> <td>Finish node, other special chamber, reference: ATT1: Tank</td> <td style="text-align: center;">00:01:57</td> <td></td> <td></td> </tr> </table> </div>								0.00		MH	Start node, manhole, reference: S11	00:00:02			0.00		WL	Water level, 0% of the vertical dimension	00:00:03			9.23		RPL	Point repair, localised lining at 12 o'clock	00:00:39	S10 - ATT1_9-2	3m_14061	21.99		RPL	Point repair, localised lining at 12 o'clock	00:01:24	S10 - ATT1_21- 99m_1407		31.98		OCF	Finish node, other special chamber, reference: ATT1: Tank	00:01:57		
0.00		MH	Start node, manhole, reference: S11	00:00:02																																						
0.00		WL	Water level, 0% of the vertical dimension	00:00:03																																						
9.23		RPL	Point repair, localised lining at 12 o'clock	00:00:39	S10 - ATT1_9-2	3m_14061																																				
21.99		RPL	Point repair, localised lining at 12 o'clock	00:01:24	S10 - ATT1_21- 99m_1407																																					
31.98		OCF	Finish node, other special chamber, reference: ATT1: Tank	00:01:57																																						

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 Pictures - 08/05/2024 - S11X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
39	Downstream	S11X	Wingate Bolton	Unit 3



S10 - ATT1_9-23m_140614.jpg, 00:00:39, 9.23 m
Point repair, localised lining at 12 o'clock



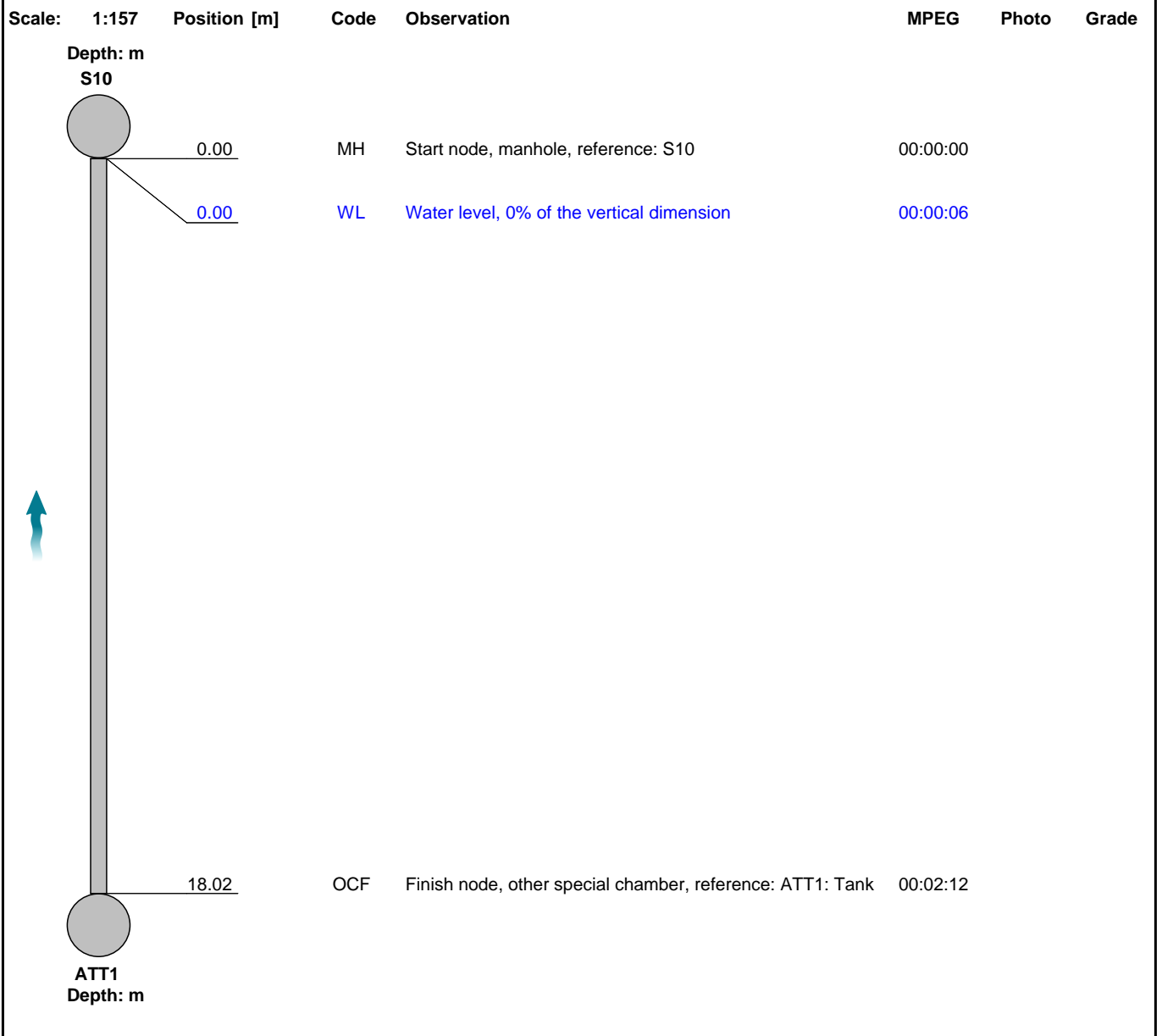
S10 - ATT1_21-99m_140706.jpg, 00:01:24, 21.99 m
Point repair, localised lining at 12 o'clock

Section Inspection - 02/05/2024 - ATT1 X

Item No. 40	Insp. No. 1	Date 02/05/24	Time 9:33	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR ATT1 X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	ATT1
Road:	Unit 3	Inspected Length:	18.02 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	18.02 m	Downstream Node:	S10
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



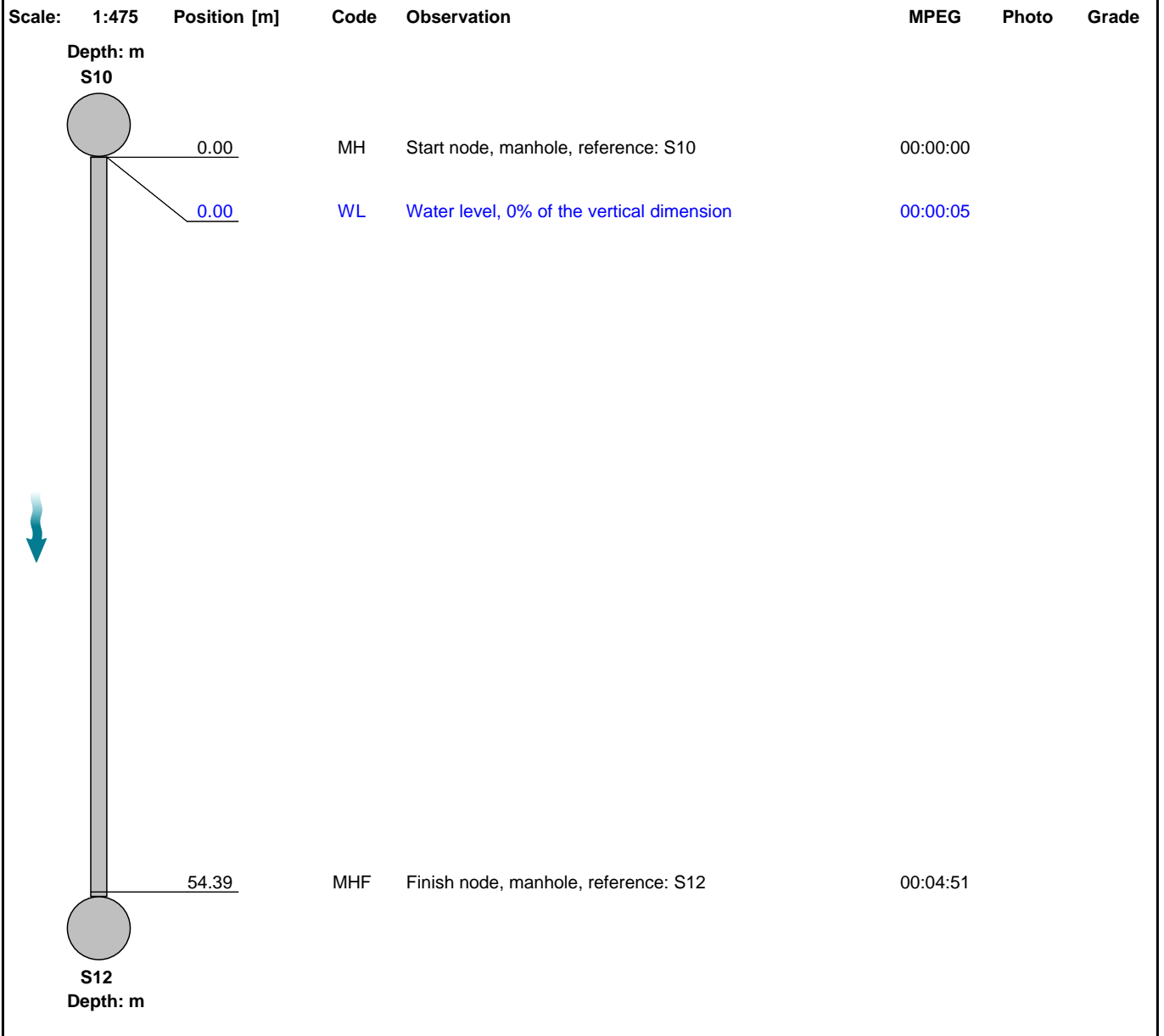
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 02/05/2024 - S10 X

Item No. 41	Insp. No. 1	Date 02/05/24	Time 10:17	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S10 X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Downstream	Upstream Node:	S10
Road:	Unit 3	Inspected Length:	54.39 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	54.76 m	Downstream Node:	S12
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	225 mm		
Flow Control:	No flow control	Material:	Polyethylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	Lining Material:	No Lining		

Comments:
Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

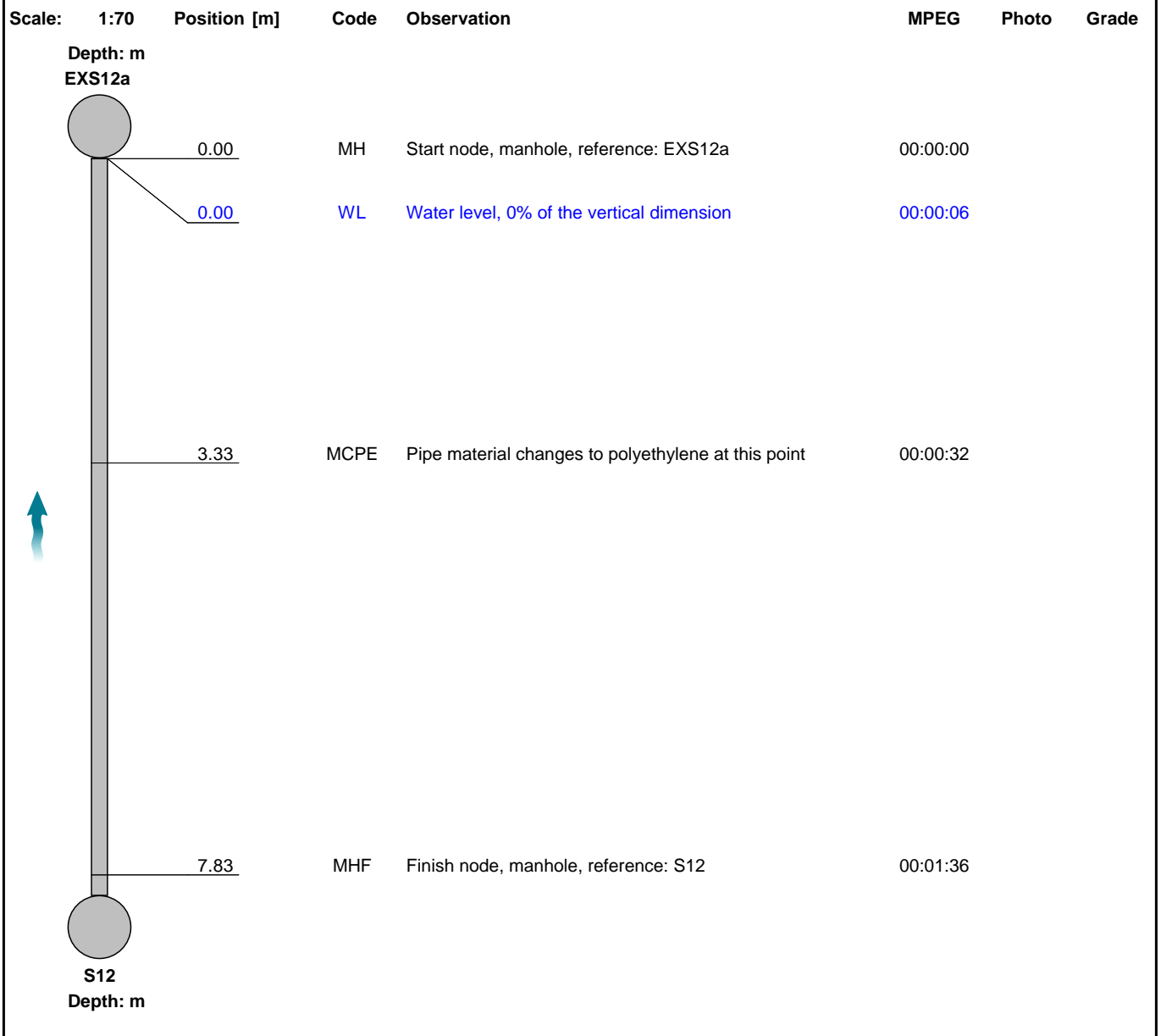
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 02/05/2024 - S12X

Item No. 42	Insp. No. 1	Date 02/05/24	Time 11:06	Client's Job Ref Unit 3	Weather No Rain Or Snow	Pre Cleaned Yes	PLR S12X
Operator JR		Vehicle Merc		Camera Crawler	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Bolton	Inspection Direction:	Upstream	Upstream Node:	S12
Road:	Unit 3	Inspected Length:	7.83 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.05 m	Downstream Node:	EXS12A
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polypropylene		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Post completion condition survey	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

