

PTA		Page 16
29 Red Lion Street Chesham Bucks HP5 1EJ	Phase 1 Only Grimshaw Lane Manchester	
Date 04/10/2024 10:56 File 9762 SW PHASE 1 AT 95 LS.MDX	Designed by LB Checked by	
XP Solutions	Network 2020.1.3	

PIPELINE SCHEDULES for 9762 - SW

Upstream Manhole

PN	Hyd Sect	Diam (mm)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., (mm)	L*W
S7.003	o	375	SW118	71.266	69.071	1.820	Open Manhole		1350
S10.000	o	225	SW119	71.408	70.500	0.683	Open Manhole		600
S10.001	o	225	SW120	71.408	69.940	1.243	Open Manhole		600
S10.002	o	300	SW121	71.408	69.530	1.578	Open Manhole		600
S10.003	o	375	SW122	71.406	69.135	1.896	Open Manhole		1350
S10.004	o	375	SW123	71.396	69.065	1.956	Open Manhole		1350
S11.000	o	225	SW124	71.407	70.700	0.482	Open Manhole		600

Downstream Manhole

PN	Length (m)	Slope (1:X)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., (mm)	L*W
S7.003	39.755	21.0	SW129	70.562	67.178	3.009	Open Manhole		1800
S10.000	45.414	81.1	SW120	71.408	69.940	1.243	Open Manhole		600
S10.001	34.090	101.8	SW121	71.408	69.605	1.578	Open Manhole		600
S10.002	27.181	84.9	SW122	71.406	69.210	1.896	Open Manhole		1350
S10.003	12.357	176.5	SW123	71.396	69.065	1.956	Open Manhole		1350
S10.004	20.090	32.1	SW126	71.248	68.439	2.434	Open Manhole		1350
S11.000	12.041	80.2	SW125	71.409	70.550	0.634	Open Manhole		600

PTA		Page 17
29 Red Lion Street Chesham Bucks HP5 1EJ	Phase 1 Only Grimshaw Lane Manchester	
Date 04/10/2024 10:56 File 9762 SW PHASE 1 AT 95 LS.MDX	Designed by LB Checked by	
XP Solutions	Network 2020.1.3	
<u>PIPELINE SCHEDULES for 9762 - SW</u>		
<u>Upstream Manhole</u>		
PN	Hyd Diam MH C.Level I.Level D.Depth MH MH DIAM., L*W	
	Sect (mm) Name (m) (m) (m) Connection (mm)	
S11.001	o 300 SW125 71.409 70.475 0.634 Open Manhole	600
S10.005	o 375 SW126 71.248 68.439 2.434 Open Manhole	1350
S10.006	o 450 SW127 71.120 68.300 2.370 Open Manhole	1350
S10.007	o 525 SW128 70.920 68.081 2.314 Open Manhole	1500
S3.006	o 750 SW129 70.562 66.700 3.112 Open Manhole	1800
S12.000	o 150 SW130 71.216 70.150 0.916 Open Manhole	450
<u>Downstream Manhole</u>		
PN	Length Slope MH C.Level I.Level D.Depth MH MH DIAM., L*W	
	(m) (1:X) Name (m) (m) (m) Connection (mm)	
S11.001	33.820 17.3 SW126 71.248 68.520 2.428 Open Manhole	1350
S10.005	6.363 97.9 SW127 71.120 68.374 2.371 Open Manhole	1350
S10.006	12.004 83.3 SW128 70.920 68.156 2.314 Open Manhole	1500
S10.007	16.234 15.0 SW129 70.562 66.999 3.038 Open Manhole	1800
S3.006	48.606 324.0 SW133 70.471 66.550 3.171 Open Manhole	1800
S12.000	22.877 101.5 SW131 71.067 69.925 0.992 Open Manhole	600
©1982-2020 Innovyze		

PTA		Page 18						
29 Red Lion Street Chesham Bucks HP5 1EJ		Phase 1 Only Grimshaw Lane Manchester						
Date 04/10/2024 10:56 File 9762 SW PHASE 1 AT 95 LS.MDX		Designed by LB Checked by						
XP Solutions		Network 2020.1.3						
PIPELINE SCHEDULES for 9762 - SW								
Upstream Manhole								
PN	Hyd Sect	Diam (mm)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)
S12.001	o	300	SW131	71.067	69.775	0.992	Open Manhole	600
S13.000	o	225	SW134	70.102	69.350	0.527	Sealed Manhole	600
S12.002	o	300	SW132	70.600	68.850	1.450	Open Manhole	600
S3.007	o	750	SW133	70.471	66.550	3.171	Open Manhole	1800
S14.000	o	150	SW135	71.206	70.200	0.856	Open Manhole	450
Downstream Manhole								
PN	Length (m)	Slope (1:X)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)
S12.001	27.742	33.0		SW132	70.600	68.934	1.366 Open Manhole	600
S13.000	32.912	95.0		SW132	70.600	69.004	1.371 Open Manhole	600
S12.002	10.494	6.0		SW133	70.471	67.101	3.070 Open Manhole	1800
S3.007	23.830	366.6	SW138 Flow Control 80 l/s	70.071	66.485	2.836	Open Manhole	1800
S14.000	23.325	86.4		SW136	71.196	69.930	1.116 Open Manhole	600
©1982-2020 Innovyze								

PTA		Page 19	
29 Red Lion Street Chesham Bucks HP5 1EJ		Phase 1 Only Grimshaw Lane Manchester	
Date 04/10/2024 10:56 File 9762 SW PHASE 1 AT 95 LS.MDX		Designed by LB Checked by	
XP Solutions		Network 2020.1.3	

PIPELINE SCHEDULES for 9762 - SW

Upstream Manhole

PN	Hyd Sect	Diam (mm)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)
S14.001	o	225	SW136	71.196	69.855	1.116	Open Manhole	600
S14.002	o	300	SW137	71.174	69.355	1.519	Open Manhole	600
S3.008	o	600	SW138 Flow Control 80 l/s	70.071	66.485	2.986	Open Manhole	1800
S15.000	o	150	SW139	69.467	68.500	0.817	Open Manhole	450
S15.001	o	225	SW140	69.473	68.185	1.063	Open Manhole	600
S15.002	o	225	SW141	69.450	67.850	1.375	Open Manhole	600

Downstream Manhole

PN	Length (m)	Slope (1:X)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)
S14.001	43.326	101.9	SW137	71.174	69.430	1.519	Open Manhole	600
S14.002	43.450	19.0	SW138 Flow Control 80 l/s	70.071	67.068	2.703	Open Manhole	1800
S3.008	44.646	38.0	SW154	68.075	65.310	2.165	Open Manhole	1800
S15.000	20.896	87.0	SW140	69.473	68.260	1.063	Open Manhole	600
S15.001	44.756	133.6	SW141	69.450	67.850	1.375	Open Manhole	600
S15.002	29.717	22.2	SW153 Flow Control 5 l/s	69.347	66.510	2.612	Open Manhole	1200

©1982-2020 Innovyze

PTA		Page 20
29 Red Lion Street Chesham Bucks HP5 1EJ	Phase 1 Only Grimshaw Lane Manchester	
Date 04/10/2024 10:56 File 9762 SW PHASE 1 AT 95 LS.MDX	Designed by LB Checked by	
XP Solutions	Network 2020.1.3	

PIPELINE SCHEDULES for 9762 - SW

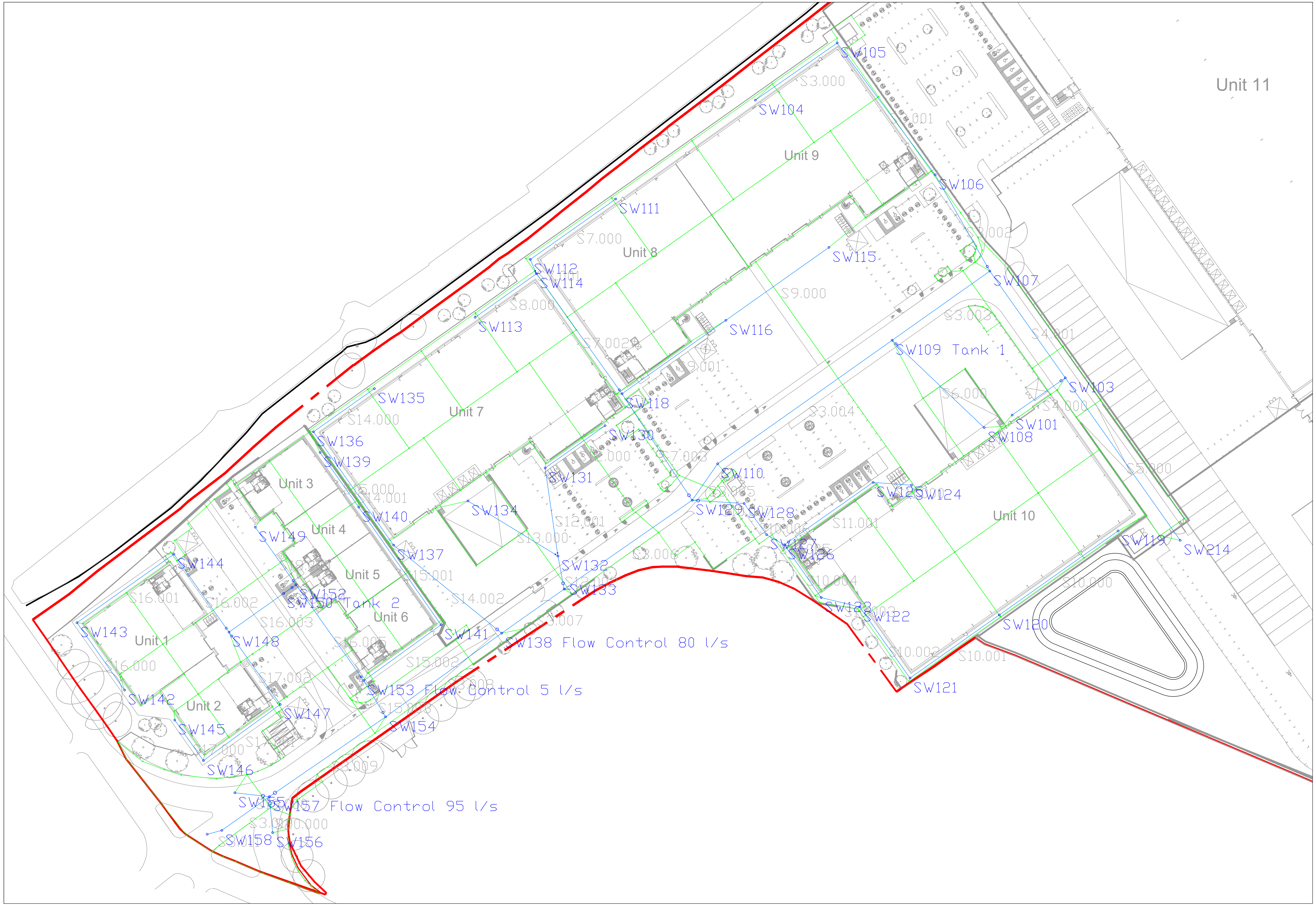
Upstream Manhole

PN	Hyd Sect	Diam (mm)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., (mm)	L*W
S16.000	o	150	SW142	69.456	68.750	0.556	Open Manhole		450
S16.001	o	225	SW143	69.456	68.280	0.951	Open Manhole		600
S16.002	o	300	SW144	69.434	67.930	1.204	Open Manhole		600
S17.000	o	150	SW145	69.456	68.750	0.556	Open Manhole		450
S17.001	o	225	SW146	69.456	68.485	0.746	Open Manhole		600
S17.002	o	300	SW147	69.465	67.750	1.415	Open Manhole		600
S16.003	o	375	SW148	69.485	67.485	1.625	Open Manhole		1350

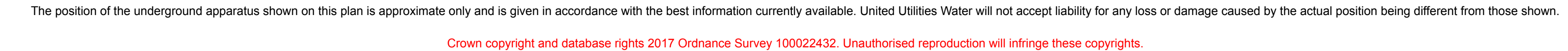
Downstream Manhole

PN	Length (m)	Slope (1:X)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., (mm)	L*W
S16.000	25.750	65.2	SW143	69.456	68.355	0.951	Open Manhole		600
S16.001	37.015	134.6	SW144	69.434	68.005	1.204	Open Manhole		600
S16.002	29.798	81.6	SW148	69.485	67.565	1.620	Open Manhole		1350
S17.000	15.493	81.7	SW146	69.456	68.560	0.746	Open Manhole		600
S17.001	29.694	45.0	SW147	69.465	67.825	1.415	Open Manhole		600
S17.002	27.634	147.8	SW148	69.485	67.563	1.622	Open Manhole		1350
S16.003	20.882	54.2	SW150 Tank 2	69.376	67.100	1.901	Open Manhole		1350

PTA		Page 21																																																																																																													
29 Red Lion Street Chesham Bucks HP5 1EJ	Phase 1 Only Grimshaw Lane Manchester																																																																																																														
Date 04/10/2024 10:56 File 9762 SW PHASE 1 AT 95 LS.MDX	Designed by LB Checked by																																																																																																														
XP Solutions	Network 2020.1.3																																																																																																														
<p>PIPELINE SCHEDULES for 9762 - SW</p> <p><u>Upstream Manhole</u></p> <table><tr><th>PN</th><th>Hyd Sect</th><th>Diam (mm)</th><th>MH Name</th><th>C.Level (m)</th><th>I.Level (m)</th><th>D.Depth (m)</th><th>MH Connection</th><th>MH DIAM., L*W (mm)</th></tr><tr><td>S16.004</td><td>o</td><td>375</td><td>SW150 Tank 2</td><td>69.376</td><td>67.100</td><td>1.901</td><td>Open Manhole</td><td>1350</td></tr><tr><td>S18.000</td><td>o</td><td>150</td><td>SW149</td><td>69.449</td><td>68.750</td><td>0.549</td><td>Open Manhole</td><td>450</td></tr><tr><td>S16.005</td><td>o</td><td>300</td><td>SW152</td><td>69.450</td><td>67.060</td><td>2.090</td><td>Open Manhole</td><td>1350</td></tr><tr><td>S15.003</td><td>o</td><td>300</td><td>SW153 Flow Control 5 l/s</td><td>69.347</td><td>66.435</td><td>2.612</td><td>Open Manhole</td><td>1200</td></tr><tr><td>S3.009</td><td>o</td><td>675</td><td>SW154</td><td>68.075</td><td>65.350</td><td>2.050</td><td>Open Manhole</td><td>1800</td></tr></table> <p><u>Downstream Manhole</u></p> <table><tr><th>PN</th><th>Length (m)</th><th>Slope (1:X)</th><th>MH Name</th><th>C.Level (m)</th><th>I.Level (m)</th><th>D.Depth (m)</th><th>MH Connection</th><th>MH DIAM., L*W (mm)</th></tr><tr><td>S16.004</td><td>4.706</td><td>123.8</td><td>SW152</td><td>69.450</td><td>67.062</td><td>2.013</td><td>Open Manhole</td><td>1350</td></tr><tr><td>S18.000</td><td>21.978</td><td>16.0</td><td>SW152</td><td>69.450</td><td>67.376</td><td>1.924</td><td>Open Manhole</td><td>1350</td></tr><tr><td>S16.005</td><td>36.627</td><td>60.0</td><td>SW153 Flow Control 5 l/s</td><td>69.347</td><td>66.450</td><td>2.597</td><td>Open Manhole</td><td>1200</td></tr><tr><td>S15.003</td><td>13.207</td><td>79.1</td><td>SW154</td><td>68.075</td><td>66.268</td><td>1.507</td><td>Open Manhole</td><td>1800</td></tr><tr><td>S3.009</td><td>43.948</td><td>75.0</td><td>SW157 Flow Control 95 l/s</td><td>66.943</td><td>64.764</td><td>1.504</td><td>Open Manhole</td><td>2100</td></tr></table>				PN	Hyd Sect	Diam (mm)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)	S16.004	o	375	SW150 Tank 2	69.376	67.100	1.901	Open Manhole	1350	S18.000	o	150	SW149	69.449	68.750	0.549	Open Manhole	450	S16.005	o	300	SW152	69.450	67.060	2.090	Open Manhole	1350	S15.003	o	300	SW153 Flow Control 5 l/s	69.347	66.435	2.612	Open Manhole	1200	S3.009	o	675	SW154	68.075	65.350	2.050	Open Manhole	1800	PN	Length (m)	Slope (1:X)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)	S16.004	4.706	123.8	SW152	69.450	67.062	2.013	Open Manhole	1350	S18.000	21.978	16.0	SW152	69.450	67.376	1.924	Open Manhole	1350	S16.005	36.627	60.0	SW153 Flow Control 5 l/s	69.347	66.450	2.597	Open Manhole	1200	S15.003	13.207	79.1	SW154	68.075	66.268	1.507	Open Manhole	1800	S3.009	43.948	75.0	SW157 Flow Control 95 l/s	66.943	64.764	1.504	Open Manhole	2100
PN	Hyd Sect	Diam (mm)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)																																																																																																							
S16.004	o	375	SW150 Tank 2	69.376	67.100	1.901	Open Manhole	1350																																																																																																							
S18.000	o	150	SW149	69.449	68.750	0.549	Open Manhole	450																																																																																																							
S16.005	o	300	SW152	69.450	67.060	2.090	Open Manhole	1350																																																																																																							
S15.003	o	300	SW153 Flow Control 5 l/s	69.347	66.435	2.612	Open Manhole	1200																																																																																																							
S3.009	o	675	SW154	68.075	65.350	2.050	Open Manhole	1800																																																																																																							
PN	Length (m)	Slope (1:X)	MH Name	C.Level (m)	I.Level (m)	D.Depth (m)	MH Connection	MH DIAM., L*W (mm)																																																																																																							
S16.004	4.706	123.8	SW152	69.450	67.062	2.013	Open Manhole	1350																																																																																																							
S18.000	21.978	16.0	SW152	69.450	67.376	1.924	Open Manhole	1350																																																																																																							
S16.005	36.627	60.0	SW153 Flow Control 5 l/s	69.347	66.450	2.597	Open Manhole	1200																																																																																																							
S15.003	13.207	79.1	SW154	68.075	66.268	1.507	Open Manhole	1800																																																																																																							
S3.009	43.948	75.0	SW157 Flow Control 95 l/s	66.943	64.764	1.504	Open Manhole	2100																																																																																																							
©1982-2020 Innovyze																																																																																																															



United Utilities Sewer Map

SEWER RECORDS  United Utilities

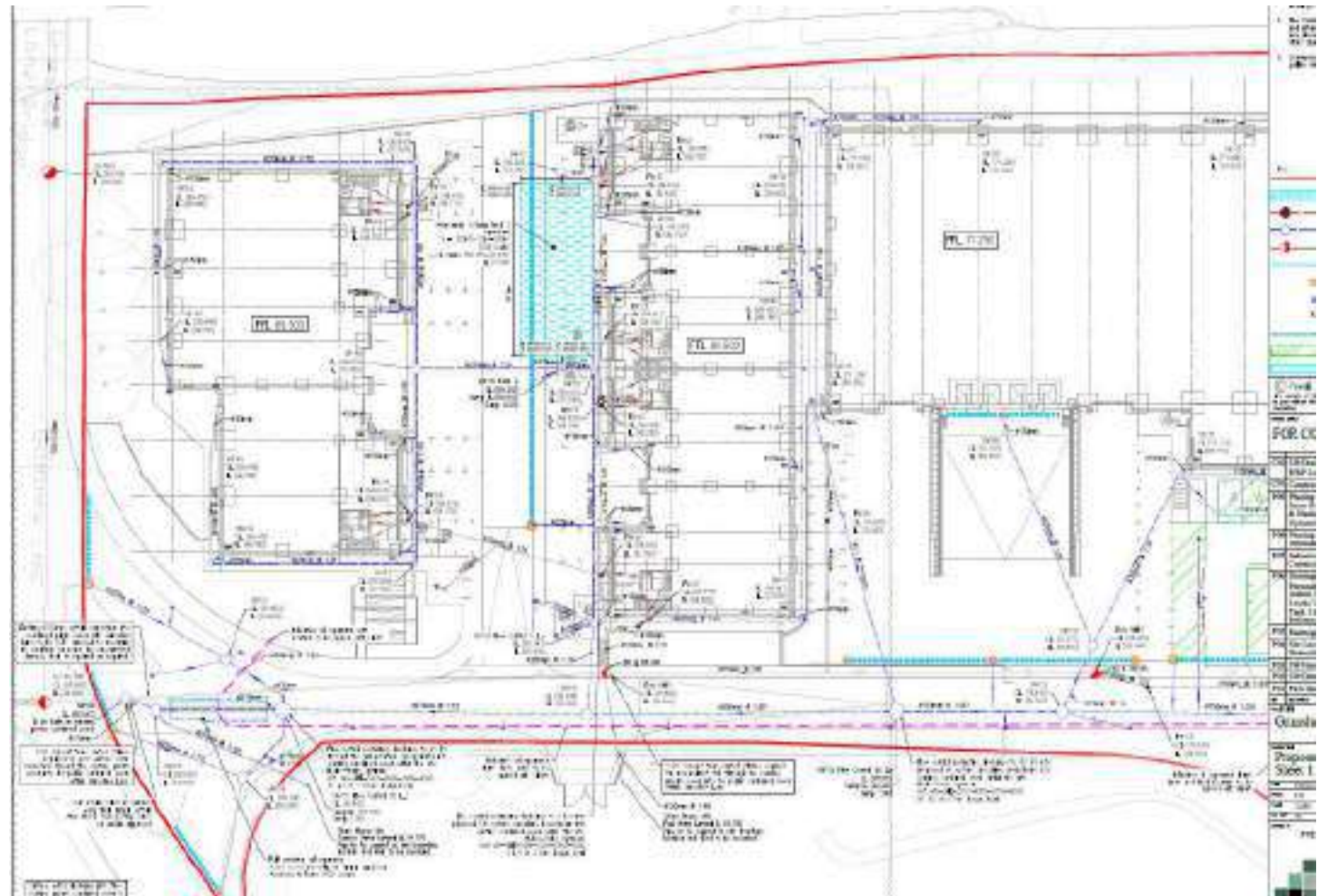
United Utilities S106 Consent

S106 Part 1 'Application to connect to a public sewer' Approval Notice



United Utilities Reference Number:		04564000			
Applicant details					
Applicant name	Luis Brito				
Applicant address (including postcode)	PTA Limited 29 Red Lion Street Chesham Buckinghamshire HP5 1EJ				
Applicant email	luisfrbrito@gmail.com				
Site details: The site / property which is proposed for connection to the public sewer					
Site address (including postcode)	Former Mather & Platt Foundry , Grimshaw Lane, Manchester, M40 2BA				
<h2>APPROVED</h2> <p>Your application for connection to the public sewer has been approved, to be made via a new connection:</p>					
To a private drain	☒	You may appoint your contractor and advise your appointed building control body (who should inspect the work). United Utilities should be advised when this work is complete.			
Direct to the public sewer	☐	<u>Further action required</u> You may now appoint an appropriately qualified contractor. Your appointed contractor is responsible for obtaining authorisation to work on a public sewer. (The S106 Part 2 application form ' Request for permission to work on a public sewer ' is available on our website; unitedutilities.com).			
Mode of connection approved	Other - please see comments box				
Sewer connection type	Foul	☒	Surface water	☒	Combined ☐
<p style="text-align: center;">This approval is valid for 12 months from the date below.</p> <p>This approval does not grant access to third party land, permission should be sought if required between applicant and land owner If the new connection renders access unsafe or is otherwise detrimental to the manhole or sewer, a new/upgraded manhole will be requested.</p>					
Comments					
(Phase 1 and 2 with an overall site discharge rate of 95l/s agreed at planning and UU engineer Shiaib Tauqeer on ref DC/22/4406) Approval granted for a 2x150mm foul connections utilising and existing private drain which outfalls to the 750x1125mm combined sewer in Grimshaw Lane Approval granted for 375mm surface water connection utilising an existing private drain which outfalls to the 750x1125mm combined sewer in Grimshaw Lane attenuation indicated with a flow control restricted at 95l/s as per the drainage plan below referenced – 9762-PTA-XX-XX-DR-C-8101 For low-lying sites, (where the ground level of the site or the level of a basement is below the ground level at the point where the drainage connects to the public sewer), care should be taken to ensure that the property is not at increased risk of flooding. If these circumstances exist it could affect the detailed design of your site and result in the need to incorporate appropriate mitigating measures in your drainage scheme. Please note, if you are proposing to connect to an existing, unchartered drain or sewer then it is the developer's responsibility to confirm that it communicates with the Public Sewer.					

Connections may be made to private lateral drains or to existing neighbouring drain. A part 1 approval does not give permission to access third party land. The applicant must seek permission from the relevant land owner.



Developer Services Inspector	Lynne Berry
Contact number	07881 034558

Date	30/08/2023
------	------------

CCTV Drainage Survey Report

**Project**

Project Name: Drumlisch Ltd - Grimshaw Lane - LSO0381562 1
Project Status: Complete
Project Date: 19/07/2024
Lanes Division: Manchester

**Lanes
Group plc**

Table of Contents

Project Name Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	Project Date 19/07/2024
---	-----------------------------------

Project Information	P-1
Section Profile	P-5
Section Item 1: SW146 > SW147 (SW146X)	1
Section Item 2: SW145 > SW146 (SW145X)	3
Section Item 3: RWP > SW145 (RWPX)	5
Section Item 4: SW135 > SW136 (SW135X)	7
Section Item 5: RWP > SW135 (RWPY)	9
Section Item 6: SW149 > SW152 (SW149X)	11
Section Item 7: RWP1 > SW149 (RWP1X)	13
Section Item 8: SW144 > SW148 (SW144X)	15
Section Item 9: SW147 > SW148 (SW147X)	17
Section Item 10: SW148 > SW150 (SW148X)	19
Section Item 11: SW150 > SW152 (SW150X)	21
Section Item 12: SW141 > SW140 (SW141X)	23
Section Item 13: SW139 > SW140 (SW139X)	25
Section Item 14: SW141 > SW153 (SW141Y)	27
Section Item 15: Gully 1 > SW139 (Gully 1X)	29
Section Item 16: RWP2 > SW139 (RWP2X)	31
Section Item 17: SW143 > SW144 (SW143X)	33
Section Item 18: SW142 > SW143 (SW142X)	35
Section Item 19: SW142 > RWP3 (SW142Y)	37
Section Item 20: SW 125 > SW126 (SW 125X)	39
Section Item 21: SW124 > SW125 (SW124X)	41
Section Item 22: Gully > SW156 (GullyX)	43
Section Item 23: SW156 > SW157 (SW156X)	45
Section Item 24: Gully > SW155 (GullyY)	47
Section Item 25: SW155 > SW157 (SW155X)	49
Section Item 26: Unmarked > SW103 (UnmarkedX)	51
Section Item 27: RWP > SW111 (RWPX)	53

Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Section Item 28: SW112 > SW114 (SW112X)	55
Section Item 29: RWP > SW112 (RWPY)	57
Section Item 30: SW111 > SW112 (SW111X)	59
Section Item 31: RWP > SW113 (RWPZ)	61
Section Item 32: RWP > SW114 (RWPA)	63
Section Item 33: SW113 > SW114 (SW113X)	65
Section Item 34: RE > SW115 (REX)	67
Section Item 35: RWP > SW115 (RWPB)	69
Section Item 36: SW130 > SW131 (SW130X)	71
Section Item 37: SW153 > SW154 (SW153X)	73
Section Item 38: SW128 > SW129 (SW128X)	75
Section Item 39: SW132 > SW133 (SW132X)	77
Section Item 40: SW131 > SW132 (SW131X)	79
Section Item 41: SW136 > SW137 (SW136X)	81
Section Item 42: SW110 > SW129 (SW110X)	83
Section Item 43: SW129 > SW133 (SW129X)	85
Section Item 44: SW138A > SW157 (SW138AX)	87
Section Item 45: SW133 > SW138 (SW133X)	89
Section Item 46: SW137 > SW138 (SW137X)	91
Section Item 47: SW154 > SW138A (SW154X)	93
Section Item 48: SW115 > SW116 (SW115X)	95
Section Item 49: SW138 > SW154 (SW138X)	97
Section Item 50: SW118 > SW129 (SW118X)	99
Section Item 51: SW126 > SW127 (SW126X)	101
Section Item 52: SW116 > SW118 (SW116X)	103
Section Item 53: SW152 > SW153 (SW152X)	105
Section Item 54: SW114 > SW118 (SW114X)	107
Section Item 55: SW127 > SW128 (SW127X)	109
Section Item 56: SW134 > SW132 (SW134X)	111

Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Section Item 57: UC01 > FW104 (UC01X)	113
Section Item 58: UC02 > FW104 (UC02X)	115
Section Item 59: UC03 > FW104 (UC03X)	117
Section Item 60: FW104 > FW103 (FW104X)	119
Section Item 61: UC04 > FW103 (UC04X)	121
Section Item 62: UC05 > FW103 (UC05X)	123
Section Item 64: FW102 > FW105 (FW102X)	125
Section Item 65: UC06 > FW105 (UC06X)	127
Section Item 66: FW103 > UC06 (FW103X)	128
Section Item 67: FW101 > FW102 (FW101X)	130
Section Item 68: UC07 > FW102 (UC07X)	132
Section Item 69: FW204 > FW101 (FW204X)	134
Section Item 70: UC08 > FW129 (UC08X)	136
Section Item 71: FW129 > UC09 (FW129X)	138
Section Item 72: UC10 > FW111 (UC10X)	140
Section Item 73: UC11 > FW111 (UC11X)	142
Section Item 74: UC12 > FW111 (UC12X)	144
Section Item 75: FW111 > FW112 (FW111X)	146
Section Item 76: FW112 > FW113 (FW112X)	148
Section Item 77: UC13 > FW112 (UC13X)	150
Section Item 78: UC14 > FW112 (UC14X)	152
Section Item 79: UC14A > FW110 (UC14AX)	154
Section Item 80: UC15 > FW110 (UC15X)	156
Section Item 81: UC16 > UC18 (UC16X)	158
Section Item 82: UC17 > UC18 (UC17X)	160
Section Item 83: FW110 > FW113 (FW110X)	162
Section Item 84: FW113 > FW114 (FW113X)	163
Section Item 85: UC19 > FW114 (UC19X)	165
Section Item 86: FW114 > FW115 (FW114X)	167

Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Section Item 87: UC20 > FW121 (UC20X)	169
Section Item 88: UC21 > FW121 (UC21X)	171
Section Item 89: FW121 > FW122 (FW121X)	173
Section Item 90: UC22 > FW122 (UC22X)	175
Section Item 91: UC23 > FW122 (UC23X)	177
Section Item 92: FW122 > FW125 (FW122X)	179
Section Item 93: UC24 > FW123 (UC24X)	181
Section Item 94: UC25 > FW123 (UC25X)	183
Section Item 95: UC26 > FW123 (UC26X)	185
Section Item 96: UC27 > FW123 (UC27X)	187
Section Item 97: UC28 > FW124 (UC28X)	189
Section Item 98: UC29 > FW124 (UC29X)	191
Section Item 99: UC30 > FW125 (UC30X)	193
Section Item 100: UC31 > FW125 (UC31X)	195
Section Item 101: FW124 > FW125 (FW124X)	197
Section Item 102: FW125 > FW126 (FW125X)	199
Section Item 103: UC32 > FW126 (UC32X)	201
Section Item 104: UC33 > FW126 (UC33X)	203
Section Item 105: FW120 > FW126 (FW120X)	205
Section Item 106: FW126 > FW116B (FW126X)	207
Section Item 107: UC34 > FW127 (UC34X)	209
Section Item 108: UC35 > FW127 (UC35X)	211
Section Item 109: FW127 > MAIN (FW127X)	213
Section Item 110: UC36 > FW117 (UC36X)	215
Section Item 111: UC37 > FW117 (UC37X)	217
Section Item 112: UC38 > FW117 (UC38X)	219
Section Item 113: FW117 > FW118 (FW117X)	221
Section Item 114: UC39 > FW118 (UC39X)	223
Section Item 115: UC40 > FW118 (UC40X)	225

Table of Contents

Project Name	Project Date
Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	19/07/2024

Section Item 116: FW118 > FW119 (FW118X)	227
Section Item 117: UC41 > FW119 (UC41X)	229
Section Item 118: UC42 > FW119 (UC42X)	231
Section Item 119: UC43 > FW120 (UC43X)	233
Section Item 120: UC44 > FW120 (UC44X)	235
Section Item 121: FW119 > FW120 (FW119X)	237
Section Item 122: UC45 > FW108 (UC45X)	239
Section Item 123: UC46 > FW108 (UC46X)	241
Section Item 124: UC47 > FW108 (UC47X)	243
Section Item 125: FW108 > FW109 (FW108X)	245
Section Item 126: UC48 > FW109 (UC48X)	247
Section Item 127: FW109 > FW115 (FW109X)	249
Section Item 128: FW107 > FW15 (FW107X)	251
Section Item 129: FW106 > FW107 (FW106X)	253
Section Item 130: FW105 > FW106 (FW105X)	255
Section Item 131: FW116A > FW116B (FW116AX)	257
Section Item 132: FW116 > FW116A (FW116X)	259
Section Item 133: FW115 > FW116 (FW115X)	261
Section Item 134: FW116B > FW116C (FW116BX)	262
Section Item 135: FW128 > FW116A (FW128X)	264
Section Item 136: UC49 > FW128 (UC49X)	266
Section Item 137: UC50 > MAIN (UC50X)	268
Section Item 138: UC51 > FW116C (UC51X)	270
Section Item 139: SW204 > SW103 (SW204X)	272
Section Item 140: SW106 > SW107 (SW106X)	274
Section Item 141: SW105 > SW106 (SW105X)	276
Section Item 142: SW104 > SW105 (SW104X)	278
Section Item 143: SW103 > SW107 (SW103X)	280
Section Item 144: TANK 1 > SW109 (TANK 1X)	282



Table of Contents

Project Name

Drumlisch Ltd - Grimshaw Lane - LSO0381562 1

Project Date

19/07/2024

Section Item 145: SW107 > SW109 (SW107X)	284
Section Item 146: SW108 > SW109 (SW108X)	286
Section Item 147: UC52 > SW108 (UC52X)	288
Section Item 148: SW109 > SW110 (SW109X)	290



Project Information

Project Name

Drumlisch Ltd - Grimshaw Lane - LSO0381562 1

Project Date

19/07/2024

Client

Company: Drumlisch Limited
Street: 60A Hayes Lane
Town or City: Lye
Post Code: DY9 8RD

Site

Company: Drumlisch Limited
Street: Grimshaw Lane
Post Code: M40 2BA

Contractor

Company: Lanes Group plc
Description: Manchester Depot
Contact: Paul Lynch
Department: Depot Manager
Street: 300 Lansdowne Rd,
Town or City: Monton, Eccles, M30 9PJ
County: Lancashire
Phone: 0161 788 2222
Email: Manchesterops@lanesgroup.co.uk



Project Information

Project Name

Drumlisch Ltd - Grimshaw Lane - LSO0381562 1

Project Date

19/07/2024

Project Summary

Dear Customer,

As requested, we have recently carried out a drainage CCTV survey at the site location and our full and detailed findings are contained in the attached CCTV report which you can review at your leisure.

We have identified the need for further works and will provide a quotation which will highlight the areas of concern, the most appropriate remedial technique and all associated costings.

We would like to take this opportunity to thank you for using Lanes Group plc and we hope we can be of service to you again soon. Please visit our website for full details of all services we can provide, follow us on social media or even share details of your customer experience with us:

www.lanesgroup.co.uk

If you require any technical assistance understanding the findings of the CCTV report then please contact us at:

cctvsurveys@lanesgroup.co.uk

Kind regards,
Lanes Group plc



Project Information

Project Name

Drumlisch Ltd - Grimshaw Lane - LSO0381562 1

Project Date

19/07/2024

Project Notes

Summary of issues highlighted by survey:

Section 27: Deformed drain 10%

Section 66: Settled deposits 10%

Section 77: Obstacle in line 10%

Section 96: Settled deposits 10%

Section 125: Settled deposits 20%

Section 129: Settled deposits 80%

Section 136: Obstacle in line 5%

Section 137: Settled deposits 10%

Section 145: Deformed drain 10%

Project Name Drumlisch Ltd - Grimshaw Lane - LSO0381562 1	Project Date 19/07/2024
---	-----------------------------------

[illegible]

Section Profile

Project Name
 Drumlisch Ltd - Grimshaw Lane - LSO0381562 1

Project Date
 19/07/2024

C, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
57	UC01	FW104	24/06/2024	Grimshaw Lane	PVC	10.05 m	10.05 m
58	UC02	FW104	24/06/2024	Grimshaw Lane	PVC	5.02 m	5.02 m
59	UC03	FW104	24/06/2024	Grimshaw Lane	PVC	3.34 m	3.34 m
60	FW104	FW103	24/06/2024	Grimshaw Lane	PVC	1.59 m	1.59 m
61	UC04	FW103	24/06/2024	Grimshaw Lane	PVC	10.92 m	10.92 m
62	UC05	FW103	24/06/2024	Grimshaw Lane	PVC	2.14 m	2.14 m
65	UC06	FW105	24/06/2024	Grimshaw Lane	PVC	4.04 m	4.04 m
66	FW103	UC06	24/06/2024	Grimshaw Lane	PVC	37.25 m	37.25 m
67	FW101	FW102	24/06/2024	Grimshaw Lane	PVC	42.99 m	42.99 m
68	UC07	FW102	24/06/2024	Grimshaw Lane	PVC	8.93 m	8.93 m
69	FW204	FW101	24/06/2024	Grimshaw Lane	PVC	21.57 m	21.57 m
70	UC08	FW129	24/06/2024	Grimshaw Lane	PVC	12.17 m	12.17 m
71	FW129	UC09	24/06/2024	Grimshaw Lane	PVC	21.03 m	21.03 m
72	UC10	FW111	25/06/2024	Grimshaw Lane	PVC	7.86 m	7.86 m
73	UC11	FW111	25/06/2024	Grimshaw Lane	PVC	3.49 m	3.49 m
74	UC12	FW111	25/06/2024	Grimshaw Lane	PVC	2.36 m	2.36 m
75	FW111	FW112	25/06/2024	Grimshaw Lane	PVC	1.45 m	1.45 m
76	FW112	FW113	25/06/2024	Grimshaw Lane	PVC	16.96 m	16.96 m
77	UC13	FW112	25/06/2024	Grimshaw Lane	PVC	11.67 m	11.67 m
78	UC14	FW112	25/06/2024	Grimshaw Lane	PVC	2.72 m	2.72 m
79	UC14A	FW110	25/06/2024	Grimshaw Lane	PVC	13.52 m	13.52 m
80	UC15	FW110	25/06/2024	Grimshaw Lane	PVC	11.36 m	11.36 m
81	UC16	UC18	25/06/2024	Grimshaw Lane	PVC	18.89 m	18.89 m
82	UC17	UC18	25/06/2024	Grimshaw Lane	PVC	14.75 m	14.75 m
83	FW110	FW113	25/06/2024	Grimshaw Lane	PVC	9.37 m	9.37 m
84	FW113	FW114	25/06/2024	Grimshaw Lane	PVC	7.17 m	7.17 m
85	UC19	FW114	25/06/2024	Grimshaw Lane	PVC	22.40 m	22.40 m
86	FW114	FW115	25/06/2024	Grimshaw Lane	PVC	25.31 m	25.31 m
87	UC20	FW121	25/06/2024	Grimshaw Lane	PVC	11.74 m	11.74 m
88	UC21	FW121	25/06/2024	Grimshaw Lane	PVC	9.65 m	9.65 m
89	FW121	FW122	25/06/2024	Grimshaw Lane	PVC	5.02 m	5.02 m
90	UC22	FW122	25/06/2024	Grimshaw Lane	PVC	9.84 m	9.84 m
91	UC23	FW122	25/06/2024	Grimshaw Lane	PVC	11.93 m	11.93 m
92	FW122	FW125	25/06/2024	Grimshaw Lane	PVC	30.78 m	30.78 m
93	UC24	FW123	25/06/2024	Grimshaw Lane	PVC	6.20 m	6.20 m
94	UC25	FW123	25/06/2024	Grimshaw Lane	PVC	12.65 m	12.65 m
95	UC26	FW123	25/06/2024	Grimshaw Lane	PVC	8.91 m	8.91 m
96	UC27	FW123	25/06/2024	Grimshaw Lane	PVC	11.01 m	11.01 m
97	UC28	FW124	25/06/2024	Grimshaw Lane	PVC	10.74 m	10.74 m
98	UC29	FW124	25/06/2024	Grimshaw Lane	PVC	9.28 m	9.28 m
99	UC30	FW125	25/06/2024	Grimshaw Lane	PVC	12.94 m	12.94 m
100	UC31	FW125	25/06/2024	Grimshaw Lane	PVC	7.78 m	7.78 m
101	FW124	FW125	25/06/2024	Grimshaw Lane	PVC	0.55 m	0.55 m
102	FW125	FW126	25/06/2024	Grimshaw Lane	PVC	25.50 m	25.50 m
103	UC32	FW126	26/06/2024	Grimshaw Lane	PVC	6.18 m	6.18 m
104	UC33	FW126	26/06/2024	Grimshaw Lane	PVC	4.92 m	4.92 m
105	FW120	FW126	26/06/2024	Grimshaw Lane	PVC	29.59 m	29.59 m
107	UC34	FW127	26/06/2024	Grimshaw Lane	PVC	12.08 m	12.08 m
108	UC35	FW127	26/06/2024	Grimshaw Lane	PVC	5.50 m	5.50 m
109	FW127	MAIN	26/06/2024	Grimshaw Lane	PVC	13.01 m	13.01 m
110	UC36	FW117	26/06/2024	Grimshaw Lane	PVC	10.44 m	10.44 m
111	UC37	FW117	26/06/2024	Grimshaw Lane	PVC	10.41 m	10.41 m

Section Profile

Project Name
 Drumlisch Ltd - Grimshaw Lane - LSO0381562 1

Project Date
 19/07/2024

112	UC38	FW117	26/06/2024	Grimshaw Lane	PVC	9.24 m	9.24 m
113	FW117	FW118	26/06/2024	Grimshaw Lane	PVC	0.14 m	0.14 m
114	UC39	FW118	26/06/2024	Grimshaw Lane	PVC	13.08 m	13.08 m
115	UC40	FW118	26/06/2024	Grimshaw Lane	PVC	5.44 m	5.44 m
116	FW118	FW119	26/06/2024	Grimshaw Lane	PVC	41.88 m	41.88 m
117	UC41	FW119	26/06/2024	Grimshaw Lane	PVC	7.16 m	7.16 m
118	UC42	FW119	26/06/2024	Grimshaw Lane	PVC	13.14 m	13.14 m
119	UC43	FW120	26/06/2024	Grimshaw Lane	VC	10.14 m	10.14 m
120	UC44	FW120	26/06/2024	Grimshaw Lane	PVC	11.07 m	11.07 m
121	FW119	FW120	26/06/2024	Grimshaw Lane	PVC	0.19 m	0.19 m
122	UC45	FW108	26/06/2024	Grimshaw Lane	PVC	9.38 m	9.38 m
123	UC46	FW108	26/06/2024	Grimshaw Lane	PVC	11.26 m	11.26 m
124	UC47	FW108	26/06/2024	Grimshaw Lane	PVC	11.20 m	11.20 m
125	FW108	FW109	26/06/2024	Grimshaw Lane	PVC	11.73 m	11.73 m
126	UC48	FW109	26/06/2024	Grimshaw Lane	PVC	9.06 m	9.06 m
127	FW109	FW115	26/06/2024	Grimshaw Lane	PVC	26.97 m	26.97 m
135	FW128	FW116A	27/06/2024	Grimshaw Lane	PVC	26.47 m	26.47 m
136	UC49	FW128	27/06/2024	Grimshaw Lane	PF	10.69 m	10.69 m
137	UC50	MAIN	27/06/2024	Grimshaw Lane	PVC	10.31 m	10.31 m

Total: 71 Inspections x C 100 mm = 865.52 m Total Length and 865.52 m Inspected Length

C, 150 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
2	SW145	SW146	08/07/2024	Grimshaw Lane	PLR	14.62 m	14.62 m
3	RWP	SW145	08/07/2024	Grimshaw Lane	PLR	9.54 m	9.54 m
4	SW135	SW136	08/07/2024	Grimshaw Lane	PLR	22.54 m	22.54 m
5	RWP	SW135	08/07/2024	Grimshaw Lane	PLR	18.47 m	18.47 m
6	SW149	SW152	05/07/2024	Grimshaw Lane	PLR	21.21 m	21.21 m
7	RWP1	SW149	05/07/2024	Grimshaw Lane	PLR	11.20 m	11.20 m
13	SW139	SW140	05/07/2024	Grimshaw Lane	PLR	16.65 m	16.65 m
15	Gully 1	SW139	05/07/2024	Grimshaw Lane	PLR	3.41 m	3.41 m
16	RWP2	SW139	05/07/2024	Grimshaw Lane	PLR	5.61 m	5.61 m
18	SW142	SW143	05/07/2024	Grimshaw Lane	PLR	15.63 m	15.63 m
19	SW142	RWP3	05/07/2024	Grimshaw Lane	PLR	6.35 m	6.35 m
22	Gully	SW156	09/07/2024	Grimshaw Lane	PLR	15.61 m	15.61 m
26	Unmarked	SW103	09/07/2024	Grimshaw Lane	PLR	19.67 m	19.67 m
27	RWP	SW111	09/07/2024	Grimshaw Lane	PLR	21.55 m	21.55 m
29	RWP	SW112	09/07/2024	Grimshaw Lane	PLR	3.43 m	3.43 m
30	SW111	SW112	09/07/2024	Grimshaw Lane	PLR	31.42 m	31.42 m
31	RWP	SW113	09/07/2024	Grimshaw Lane	PLR	0.76 m	0.76 m
32	RWP	SW114	09/07/2024	Grimshaw Lane	PLR	1.04 m	1.04 m
33	SW113	SW114	09/07/2024	Grimshaw Lane	PLR	21.09 m	21.09 m
34	RE	SW115	09/07/2024	Grimshaw Lane	PLR	16.82 m	16.82 m
35	RWP	SW115	09/07/2024	Grimshaw Lane	PLR	12.31 m	12.31 m
36	SW130	SW131	09/07/2024	Grimshaw Lane	PLR	20.76 m	20.76 m
64	FW102	FW105	24/06/2024	Grimshaw Lane	PVC	33.85 m	33.85 m
106	FW126	FW116B	26/06/2024	Grimshaw Lane	PVC	20.45 m	20.45 m
128	FW107	FW15	26/06/2024	Grimshaw Lane	PVC	21.62 m	21.62 m
129	FW106	FW107	26/06/2024	Grimshaw Lane	PVC	41.94 m	41.94 m
130	FW105	FW106	26/06/2024	Grimshaw Lane	PVC	43.15 m	43.15 m
131	FW116A	FW116B	27/06/2024	Grimshaw Lane	PVC	43.99 m	43.99 m
132	FW116	FW116A	27/06/2024	Grimshaw Lane	PVC	43.75 m	43.75 m
133	FW115	FW116	27/06/2024	Grimshaw Lane	PVC	44.80 m	44.80 m
134	FW116B	FW116C	27/06/2024	Grimshaw Lane	PVC	12.17 m	12.17 m

Section Profile

Project Name
 Drumlisch Ltd - Grimshaw Lane - LSO0381562 1

Project Date
 19/07/2024

138	UC51	FW116C	27/06/2024	Grimshaw Lane	PVC	12.74 m	12.74 m
Total: 32 Inspections x C 150 mm = 628.15 m Total Length and 628.15 m Inspected Length							
C, 225 mm							
Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
1	SW146	SW147	08/07/2024	Grimshaw Lane	PLR	28.62 m	28.62 m
12	SW141	SW140	05/07/2024	Grimshaw Lane	PLR	45.03 m	45.03 m
14	SW141	SW153	05/07/2024	Grimshaw Lane	PLR	29.72 m	29.72 m
17	SW143	SW144	05/07/2024	Grimshaw Lane	PLR	35.44 m	35.44 m
21	SW124	SW 125	09/07/2024	Grimshaw Lane	PLR	10.29 m	10.29 m
23	SW156	SW157	09/07/2024	Grimshaw Lane	PLR	7.36 m	7.36 m
24	Gully	SW155	09/07/2024	Grimshaw Lane	PLR	21.41 m	21.41 m
28	SW112	SW114	09/07/2024	Grimshaw Lane	PLR	4.60 m	4.60 m
41	SW136	SW137	04/07/2024	Grimshaw Lane	PLR	43.66 m	43.66 m
56	SW134	SW132	04/07/2024	Grimshaw Lane	PLR	32.35 m	32.35 m
147	UC52	SW108	28/06/2024	Grimshaw Lane	PVC	2.31 m	2.31 m
Total: 11 Inspections x C 225 mm = 260.79 m Total Length and 260.79 m Inspected Length							
C, 300 mm							
Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
8	SW144	SW148	05/07/2024	Grimshaw Lane	PLR	29.67 m	29.67 m
9	SW147	SW148	05/07/2024	Grimshaw Lane	PLR	27.46 m	27.46 m
20	SW 125	SW126	09/07/2024	Grimshaw Lane	PLR	37.93 m	37.93 m
25	SW155	SW157	09/07/2024	Grimshaw Lane	PLR	9.72 m	9.72 m
37	SW153	SW154	04/07/2024	Grimshaw Lane	PLR	12.32 m	12.32 m
40	SW131	SW132	04/07/2024	Grimshaw Lane	PLR	29.27 m	29.27 m
46	SW137	SW138	04/07/2024	Grimshaw Lane	PLR	42.43 m	42.43 m
53	SW152	SW153	04/07/2024	Grimshaw Lane	PLR	35.71 m	35.71 m
54	SW114	SW118	04/07/2024	Grimshaw Lane	PLR	45.91 m	45.91 m
139	SW204	SW103	27/06/2024	Grimshaw Lane	PVC	57.33 m	57.33 m
142	SW104	SW105	27/06/2024	Grimshaw Lane	PVC	31.34 m	31.34 m
146	SW108	SW109	28/06/2024	Grimshaw Lane	PVC	42.24 m	42.24 m
Total: 12 Inspections x C 300 mm = 401.33 m Total Length and 401.33 m Inspected Length							
C, 375 mm							
Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
10	SW148	SW150	05/07/2024	Grimshaw Lane	PLR	18.36 m	18.36 m
11	SW150	SW152	05/07/2024	Grimshaw Lane	PLR	3.11 m	3.11 m
39	SW132	SW133	04/07/2024	Grimshaw Lane	PLP	8.40 m	8.40 m
48	SW115	SW116	04/07/2024	Grimshaw Lane	PLR	39.09 m	39.09 m
50	SW118	SW129	04/07/2024	Grimshaw Lane	PLR	37.41 m	37.41 m
51	SW126	SW127	04/07/2024	Grimshaw Lane	PLR	3.68 m	3.68 m
52	SW116	SW118	04/07/2024	Grimshaw Lane	PLR	38.54 m	38.54 m
Total: 7 Inspections x C 375 mm = 148.60 m Total Length and 148.59 m Inspected Length							
C, 450 mm							
Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
55	SW127	SW128	04/07/2024	Grimshaw Lane	PLR	10.90 m	10.90 m
140	SW106	SW107	27/06/2024	Grimshaw Lane	PVC	29.21 m	29.21 m

Section Profile

Project Name
 Drumlisch Ltd - Grimshaw Lane - LSO0381562 1

Project Date
 19/07/2024

141	SW105	SW106	27/06/2024	Grimshaw Lane	PVC	50.02 m	50.02 m
144	TANK 1	SW109	28/06/2024	Grimshaw Lane	PVC	5.04 m	5.04 m

Total: 4 Inspections x C 450 mm = 95.17 m Total Length and 95.17 m Inspected Length

C, 600 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
42	SW110	SW129	03/07/2024	Grimshaw Lane	PVC	12.07 m	12.07 m
44	SW138A	SW157	03/07/2024	Grimshaw Lane	PLR	36.82 m	36.82 m
47	SW154	SW138A	04/07/2024	Grimshaw Lane	PLR	6.14 m	6.14 m
49	SW138	SW154	04/07/2024	Grimshaw Lane	PLR	43.51 m	43.51 m
143	SW103	SW107	27/06/2024	Grimshaw Lane	PVC	42.71 m	42.71 m
145	SW107	SW109	28/06/2024	Grimshaw Lane	PVC	38.68 m	38.68 m
148	SW109	SW110	28/06/2024	Grimshaw Lane	PVC	61.82 m	61.82 m

Total: 7 Inspections x C 600 mm = 241.75 m Total Length and 241.75 m Inspected Length

C, 675 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
38	SW128	SW129	04/07/2024	Grimshaw Lane	PLR	13.94 m	13.94 m

Total: 1 Inspection x C 675 mm = 13.94 m Total Length and 13.94 m Inspected Length

C, 750 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Asset Material	Total Length	Inspected Length
43	SW129	SW133	03/07/2024	Grimshaw Lane	PLR	47.50 m	47.50 m
45	SW133	SW138	03/07/2024	Grimshaw Lane	PLR	21.96 m	21.96 m

Total: 2 Inspections x C 750 mm = 69.46 m Total Length and 69.46 m Inspected Length

Total: 147 Inspections = 2724.71 m Total Length and 2724.71 m Inspected Length



Section Inspection - 08/07/2024 - SW146X

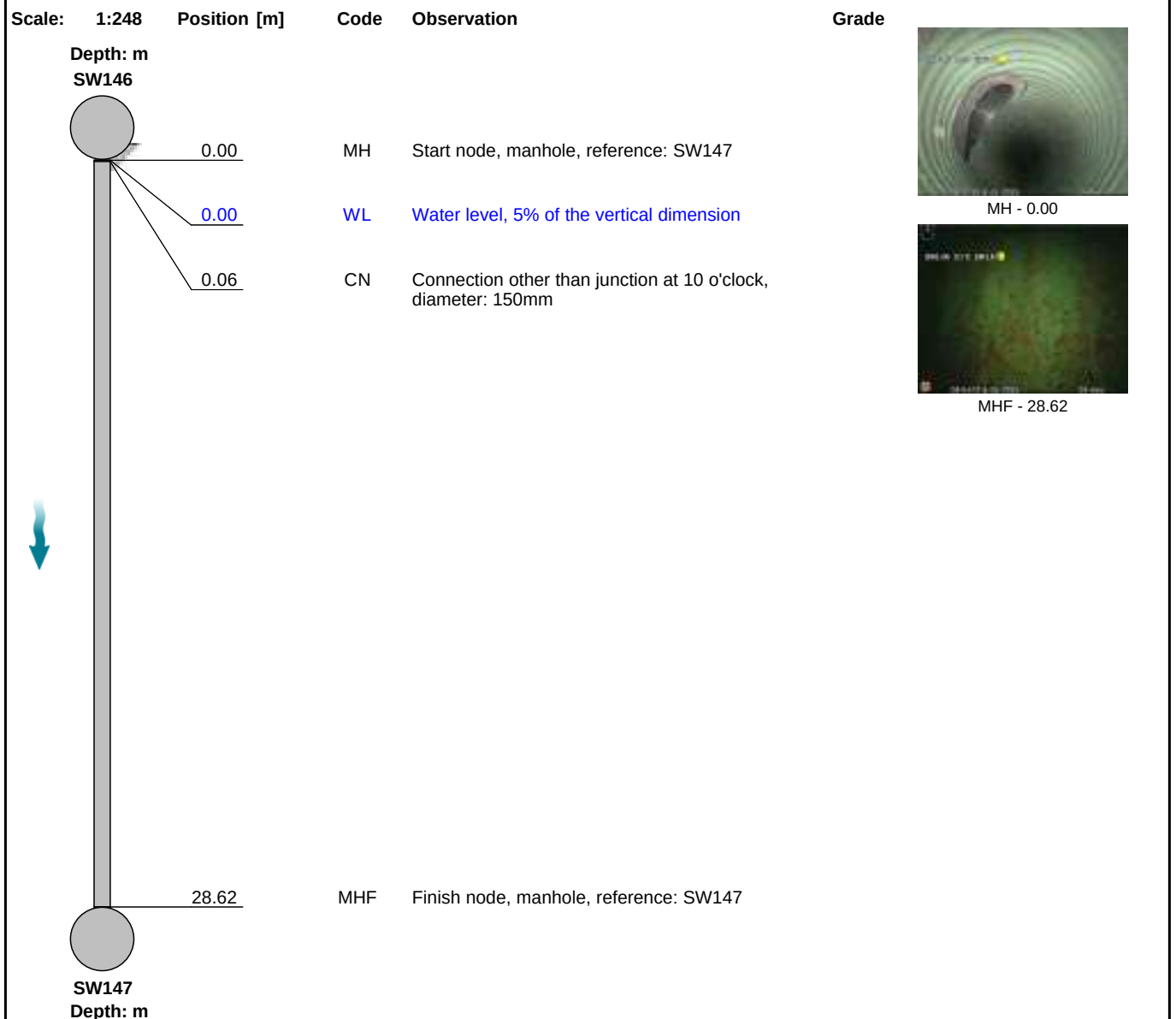


Item No. 1	Insp. No. 1	Date: 08/07/24	Time: 9:06	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW146X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW146
Road:	Grimshaw Lane	Inspected Length:	28.62 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	28.62 m	Downstream Node:	SW147
Surface Type:	Soil	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 08/07/2024 - SW146X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
1	Downstream	SW146X	1	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW147



2, 00:01:23, 28.62 m
Finish node, manhole, reference: SW147



Section Inspection - 08/07/2024 - SW145X

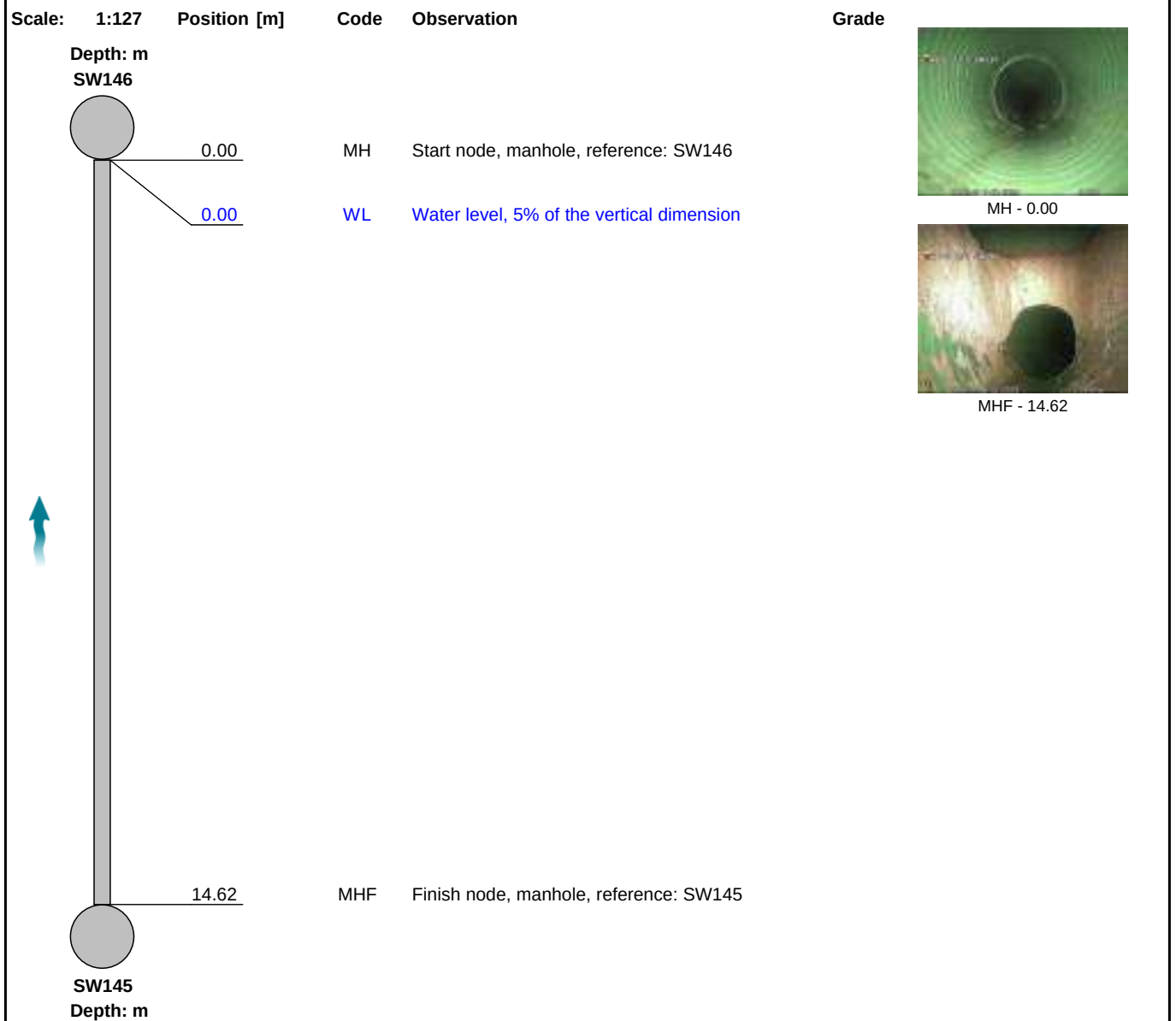


Item No. 2	Insp. No. 1	Date: 08/07/24	Time: 9:06	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW145X
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW145
Road:	Grimshaw Lane	Inspected Length:	14.62 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	14.62 m	Downstream Node:	SW146
Surface Type:	Soil	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 08/07/2024 - SW145X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
2	Upstream	SW145X	2	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW146



2, 00:00:34, 14.62 m
Finish node, manhole, reference: SW145

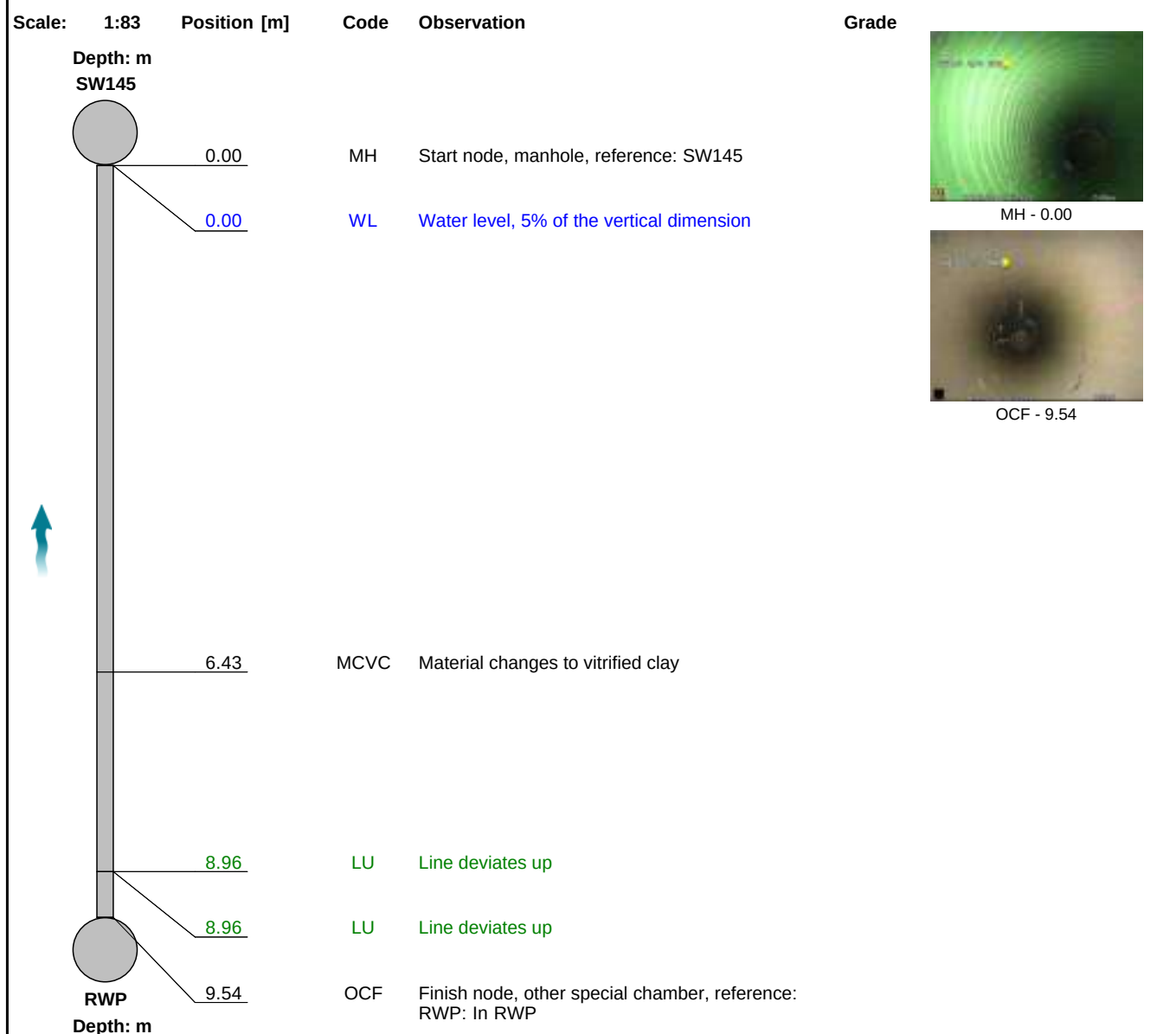
Section Inspection - 08/07/2024 - RWPX

Item No. 3	Insp. No. 1	Date: 08/07/24	Time: 9:06	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR RWPX
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RWP
Road:	Grimshaw Lane	Inspected Length:	9.54 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	9.54 m	Downstream Node:	SW145
Surface Type:	Soil	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 08/07/2024 - RWPX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
3	Upstream	RWPX	3	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW145



2, 00:00:40, 9.54 m
Finish node, other special chamber, reference: RWP, In RWP



Section Inspection - 08/07/2024 - SW135X

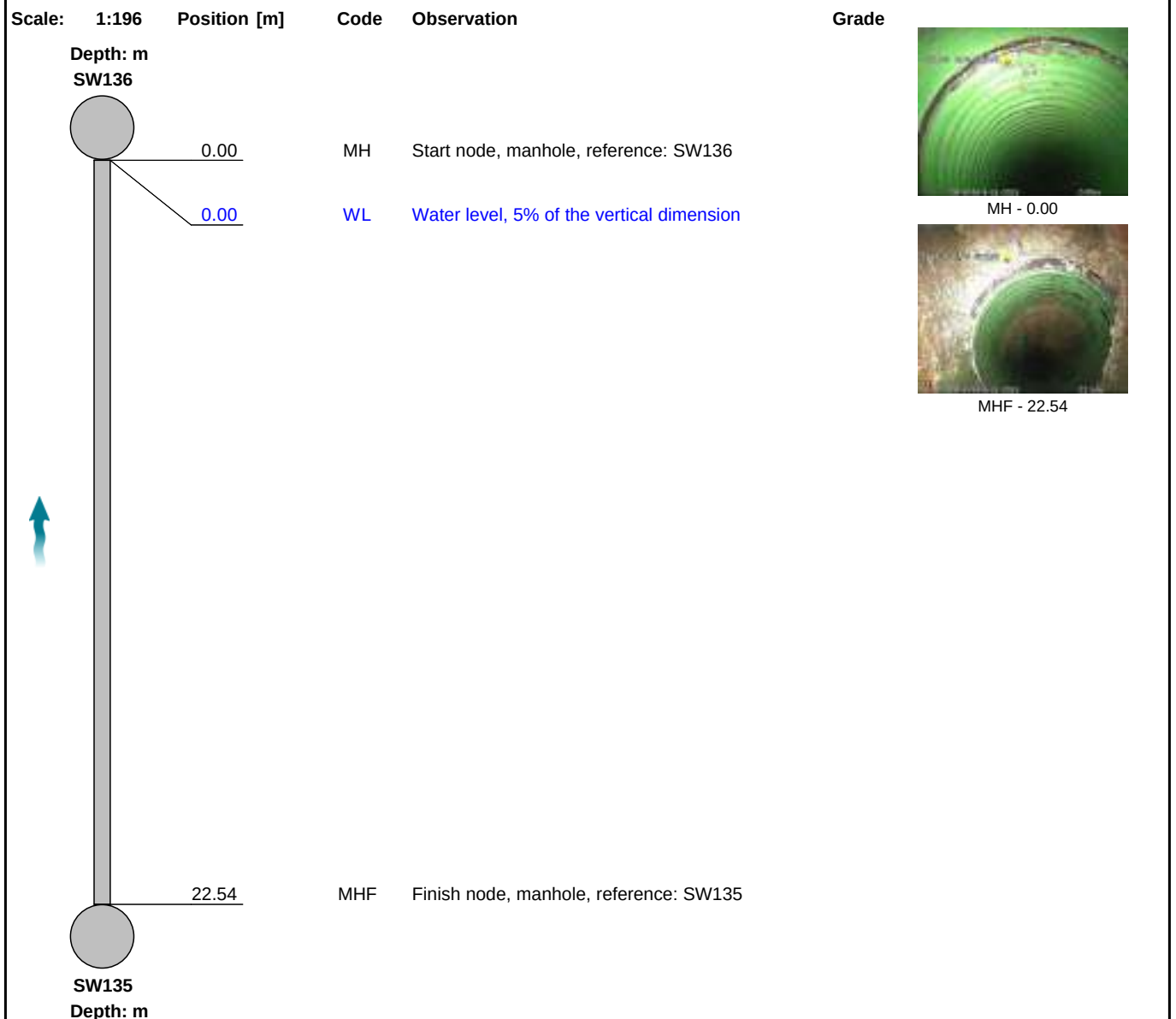


Item No. 4	Insp. No. 1	Date: 08/07/24	Time: 9:06	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW135X
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW135
Road:	Grimshaw Lane	Inspected Length:	22.54 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	22.54 m	Downstream Node:	SW136
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 08/07/2024 - SW135X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
4	Upstream	SW135X	4	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW136



2, 00:01:03, 22.54 m
Finish node, manhole, reference: SW135



Section Inspection - 08/07/2024 - RWPY

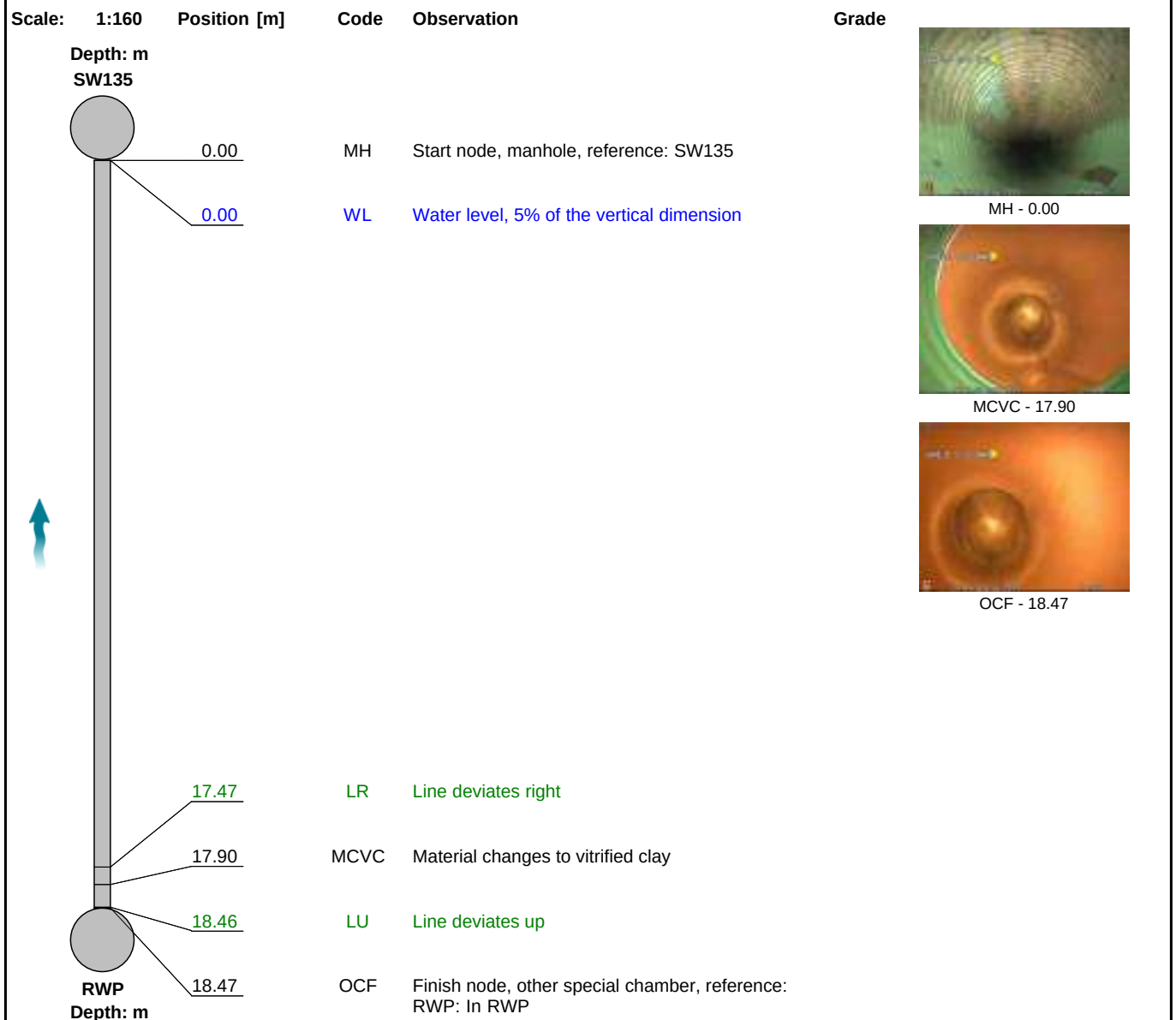


Item No. 5	Insp. No. 1	Date: 08/07/24	Time: 9:06	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR RWPY
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RWP
Road:	Grimshaw Lane	Inspected Length:	18.47 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	18.47 m	Downstream Node:	SW135
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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

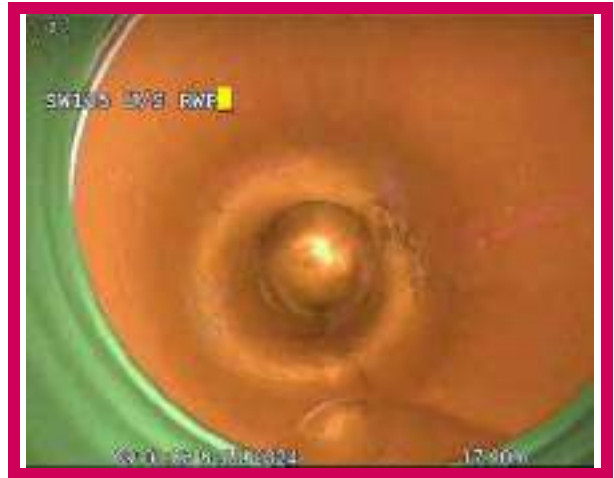


Section Pictures - 08/07/2024 - RWPY

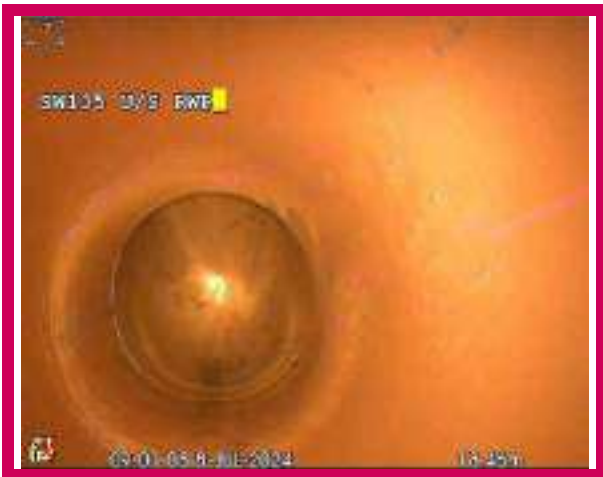
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
5	Upstream	RWPY	5	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW135



2, 00:00:50, 17.90 m
Material changes to vitrified clay



3, 00:00:55, 18.47 m
Finish node, other special chamber, reference: RWP, In RWP



Section Inspection - 05/07/2024 - SW149X

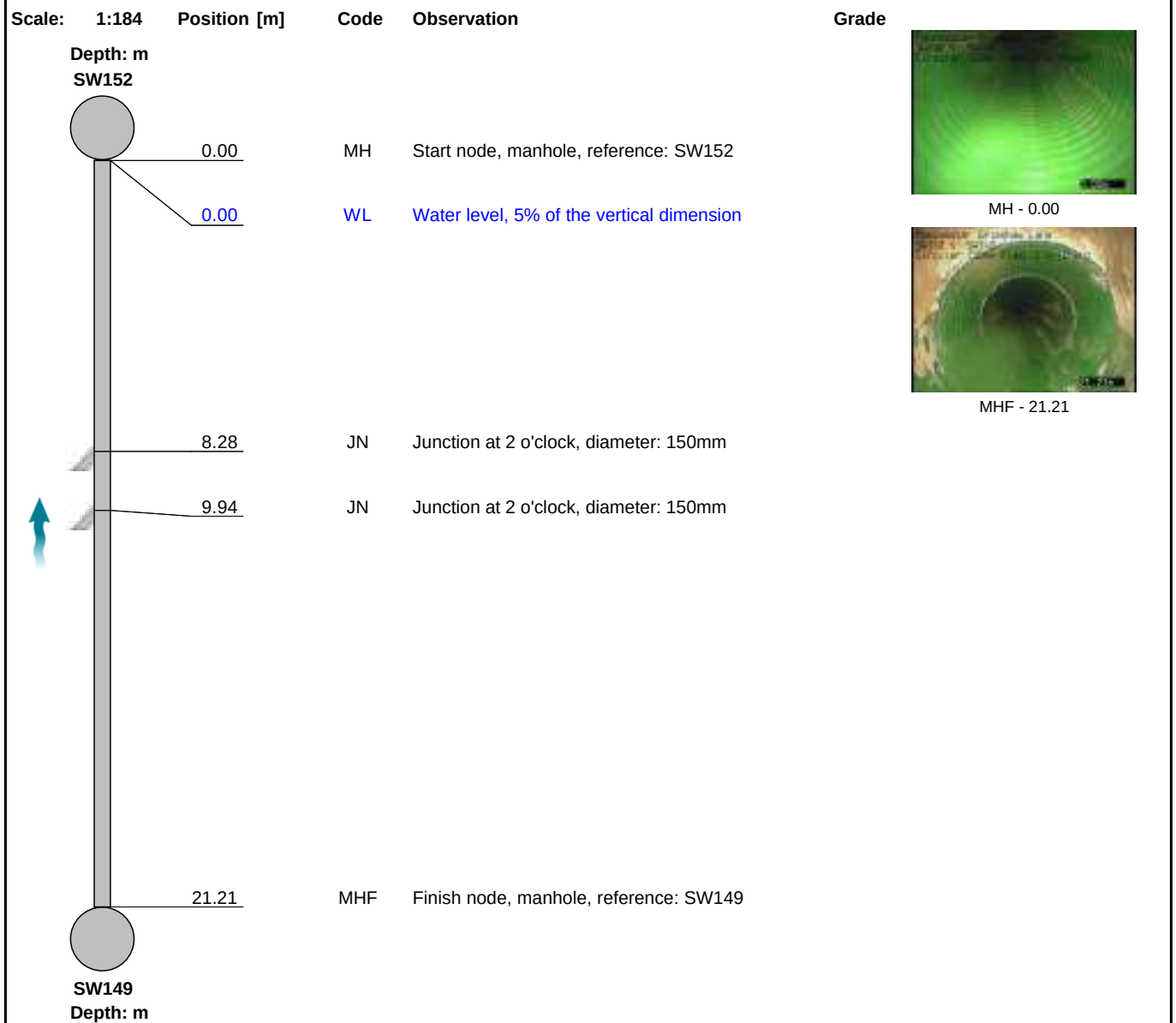


Item No. 6	Insp. No. 1	Date: 05/07/24	Time: 8:17	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW149X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW149
Road:	Grimshaw Lane	Inspected Length:	21.21 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	21.21 m	Downstream Node:	SW152
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

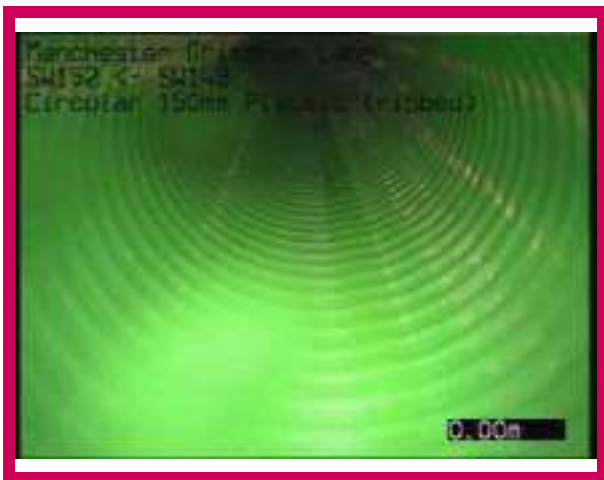


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 05/07/2024 - SW149X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
6	Upstream	SW149X	6	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW152



2, 00:02:46, 21.21 m
Finish node, manhole, reference: SW149



Section Inspection - 05/07/2024 - RWP1X

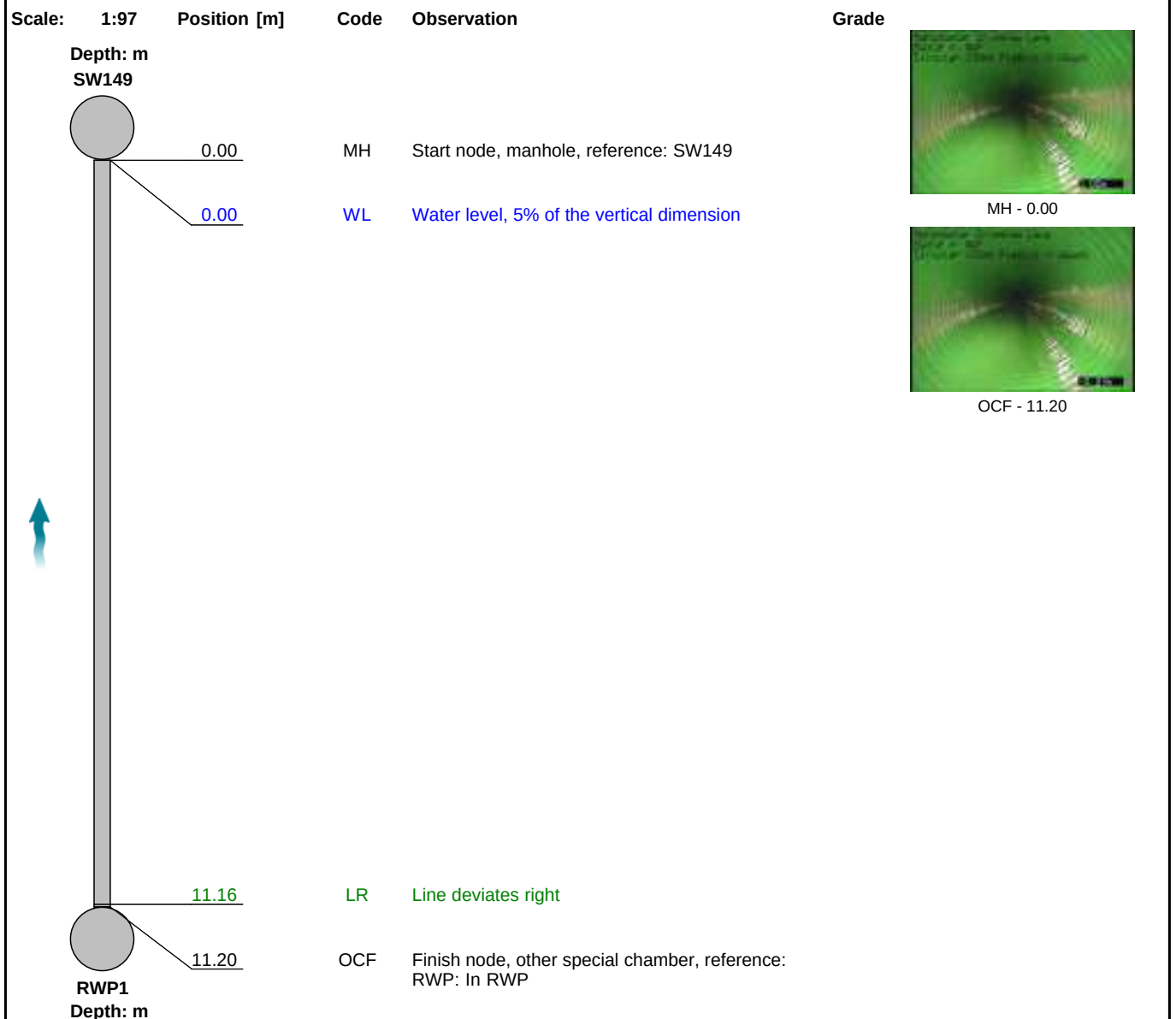


Item No. 7	Insp. No. 1	Date: 05/07/24	Time: 8:23	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR RWP1X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RWP1
Road:	Grimshaw Lane	Inspected Length:	11.20 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	11.20 m	Downstream Node:	SW149
Surface Type:	Concrete Footway	Joint Length:	0.70 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

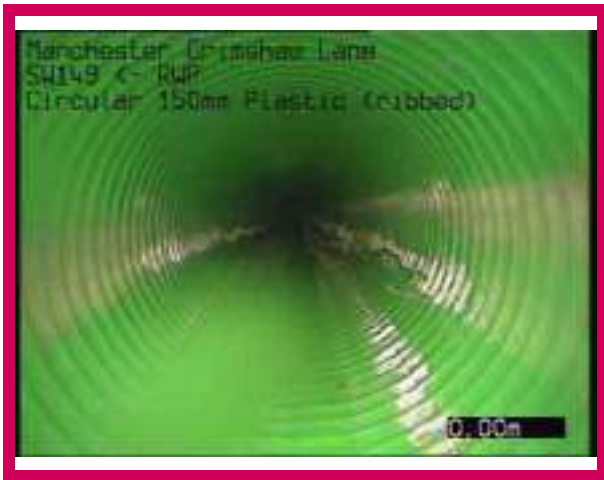
Service & Operational Observations

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 - 05/07/2024 - RWP1X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
7	Upstream	RWP1X	7	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW149



2, 00:01:29, 11.20 m
Finish node, other special chamber, reference: RWP, In RWP



Section Inspection - 05/07/2024 - SW144X

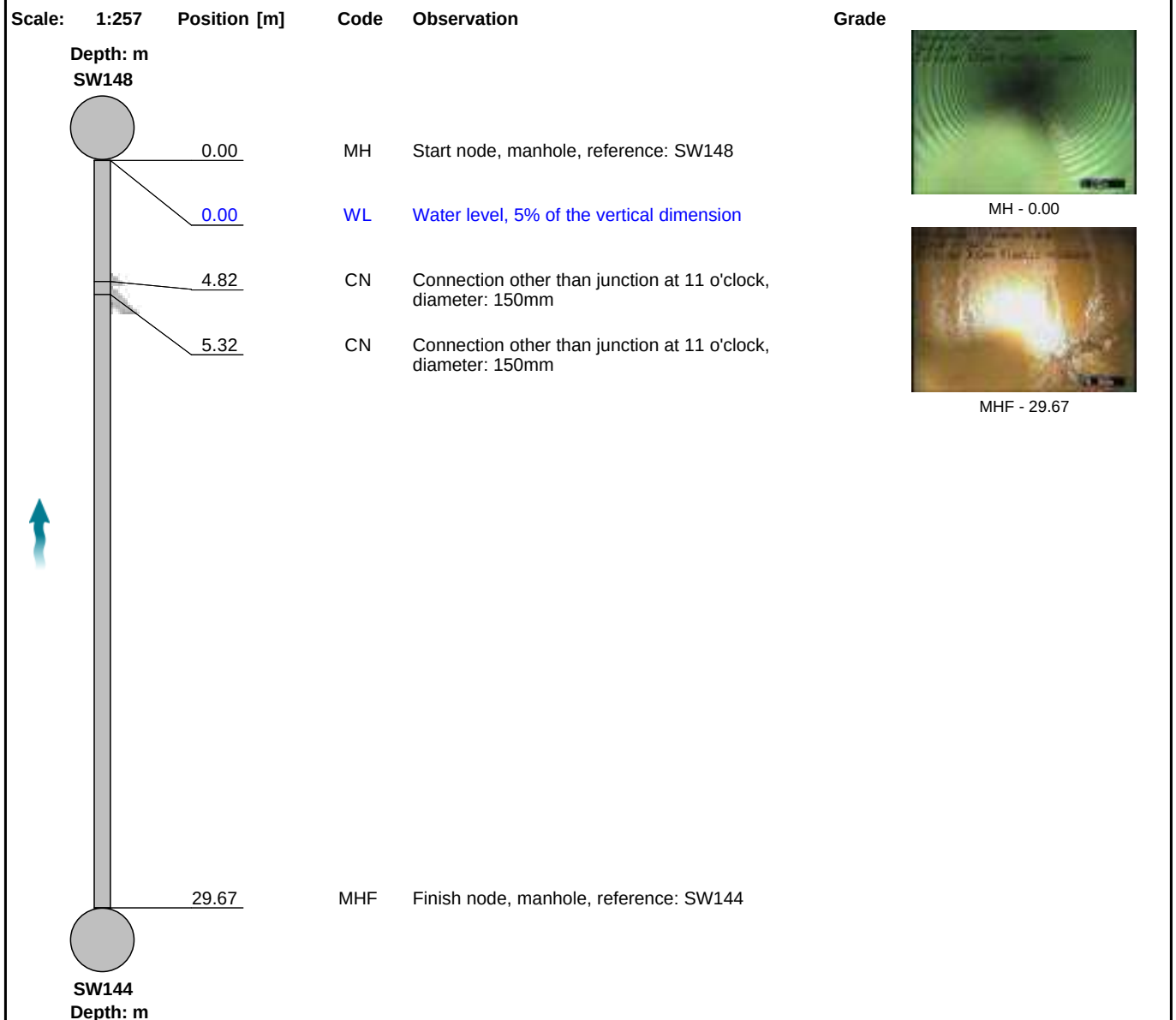


Item No. 8	Insp. No. 1	Date: 05/07/24	Time: 8:37	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW144X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW144
Road:	Grimshaw Lane	Inspected Length:	29.67 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	29.67 m	Downstream Node:	SW148
Surface Type:	Concrete Footway	Joint Length:	0.70 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 05/07/2024 - SW144X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
8	Upstream	SW144X	8	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW148



2, 00:02:11, 29.67 m
Finish node, manhole, reference: SW144

THE UNIVERSITY OF CHICAGO

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW147
Road:	Grimshaw Lane	Inspected Length:	27.46 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	27.46 m	Downstream Node:	SW148
Surface Type:	Concrete Footway	Joint Length:	2.50 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Recommendations:



MH - 0.00

MHF - 27.46

17



Section Pictures - 05/07/2024 - SW147X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
9	Upstream	SW147X	9	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW148



2, 00:01:53, 27.46 m
Finish node, manhole, reference: SW147



Section Inspection - 05/07/2024 - SW148X

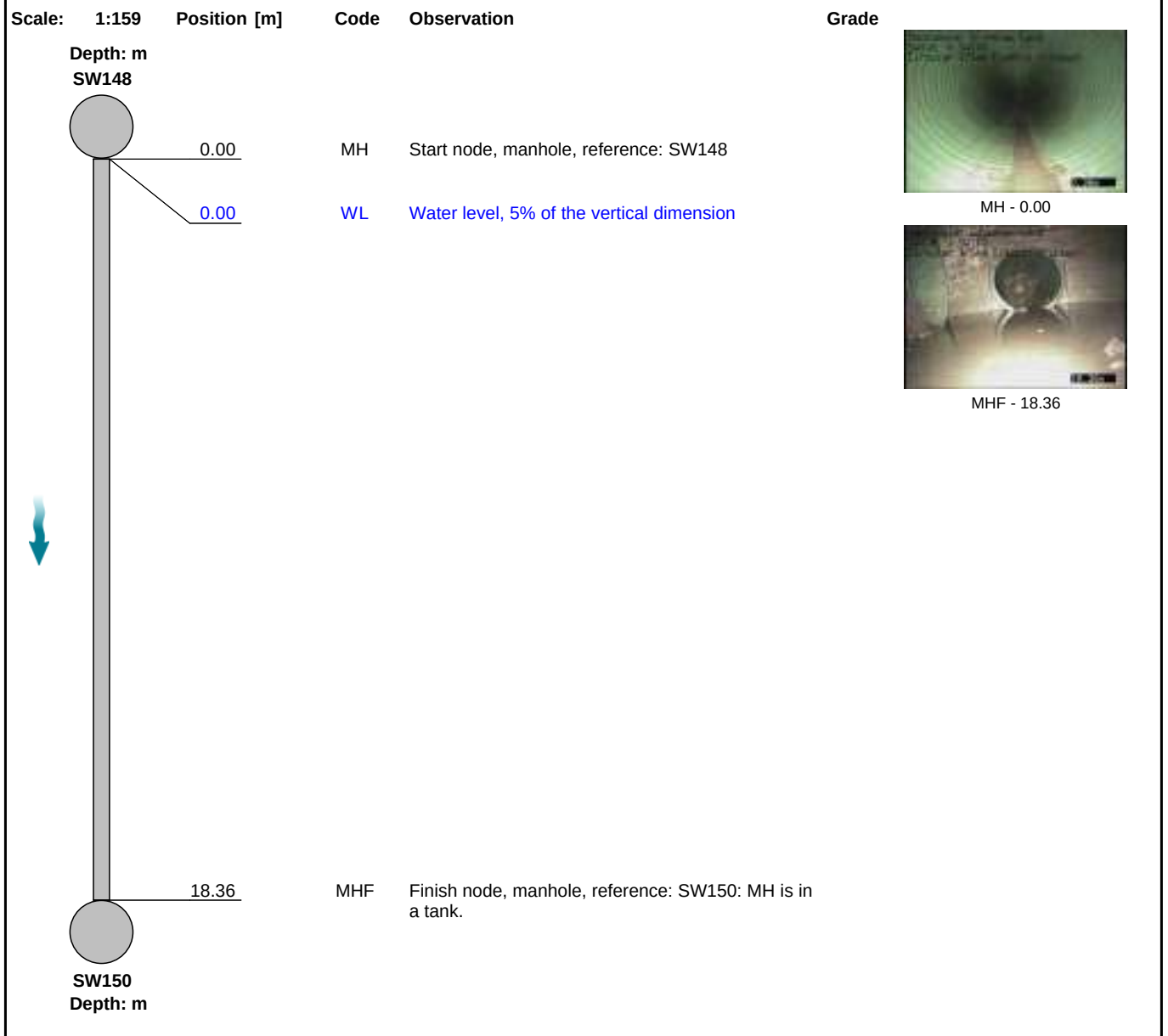


Item No. 10	Insp. No. 1	Date: 05/07/24	Time: 9:13	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW148X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW148
Road:	Grimshaw Lane	Inspected Length:	18.36 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	18.36 m	Downstream Node:	SW150
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	375 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 05/07/2024 - SW148X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
10	Downstream	SW148X	10	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW148



2, 00:01:39, 18.36 m
Finish node, manhole, reference: SW150, MH is in a tank.



Section Inspection - 05/07/2024 - SW150X



Item No. 11	Insp. No. 1	Date: 05/07/24	Time: 9:21	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW150X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW150
Road:	Grimshaw Lane	Inspected Length:	3.11 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	3.11 m	Downstream Node:	SW152
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	375 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
Depth: m SW152					
	0.00	MH		Start node, manhole, reference: SW152	MH - 0.00
	0.00	WL		Water level, 5% of the vertical dimension	
	3.11	MHF		Finish node, manhole, reference: SW150: Manhole is on a tank.	
SW150 Depth: m					

Construction Features

Miscellaneous Features

Structural Defects

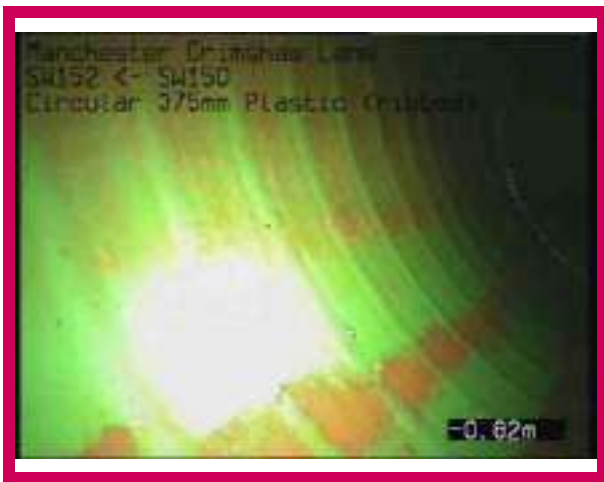
Service & Operational Observations

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 Pictures - 05/07/2024 - SW150X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
11	Upstream	SW150X	11	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW152



2, 00:00:29, 3.11 m
Finish node, manhole, reference: SW150, Manhole is on a tank.

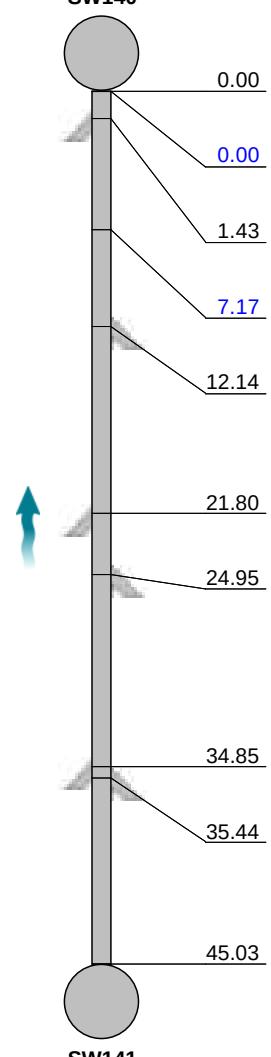
Section Inspection - 05/07/2024 - SW141X

Item No. 12	Insp. No. 1	Date: 05/07/24	Time: 10:59	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW141X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW141
Road:	Grimshaw Lane	Inspected Length:	45.03 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	45.03 m	Downstream Node:	SW140
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:390	Position [m]	Code	Observation	Grade																														
<div><div><div>Depth: m</div><div>SW140</div><div>SW141</div><div>Depth: m</div></div><table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: SW140</td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 10% of the vertical dimension</td></tr><tr><td>1.43</td><td>CN</td><td>Connection other than junction at 2 o'clock, diameter: 150mm</td></tr><tr><td>7.17</td><td>WL</td><td>Water level, 5% of the vertical dimension</td></tr><tr><td>12.14</td><td>CN</td><td>Connection other than junction at 10 o'clock, diameter: 150mm</td></tr><tr><td>21.80</td><td>CN</td><td>Connection other than junction at 1 o'clock, diameter: 150mm</td></tr><tr><td>24.95</td><td>CN</td><td>Connection other than junction at 11 o'clock, diameter: 150mm</td></tr><tr><td>34.85</td><td>CN</td><td>Connection other than junction at 2 o'clock, diameter: 150mm</td></tr><tr><td>35.44</td><td>CN</td><td>Connection other than junction at 10 o'clock, diameter: 150mm</td></tr><tr><td>45.03</td><td>MHF</td><td>Finish node, manhole, reference: SW141</td></tr></table></div> <div><div>MH - 0.00</div><div>CN - 12.14</div><div>MHF - 45.03</div></div>						0.00	MH	Start node, manhole, reference: SW140	0.00	WL	Water level, 10% of the vertical dimension	1.43	CN	Connection other than junction at 2 o'clock, diameter: 150mm	7.17	WL	Water level, 5% of the vertical dimension	12.14	CN	Connection other than junction at 10 o'clock, diameter: 150mm	21.80	CN	Connection other than junction at 1 o'clock, diameter: 150mm	24.95	CN	Connection other than junction at 11 o'clock, diameter: 150mm	34.85	CN	Connection other than junction at 2 o'clock, diameter: 150mm	35.44	CN	Connection other than junction at 10 o'clock, diameter: 150mm	45.03	MHF	Finish node, manhole, reference: SW141
0.00	MH	Start node, manhole, reference: SW140																																	
0.00	WL	Water level, 10% of the vertical dimension																																	
1.43	CN	Connection other than junction at 2 o'clock, diameter: 150mm																																	
7.17	WL	Water level, 5% of the vertical dimension																																	
12.14	CN	Connection other than junction at 10 o'clock, diameter: 150mm																																	
21.80	CN	Connection other than junction at 1 o'clock, diameter: 150mm																																	
24.95	CN	Connection other than junction at 11 o'clock, diameter: 150mm																																	
34.85	CN	Connection other than junction at 2 o'clock, diameter: 150mm																																	
35.44	CN	Connection other than junction at 10 o'clock, diameter: 150mm																																	
45.03	MHF	Finish node, manhole, reference: SW141																																	

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 Pictures - 05/07/2024 - SW141X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
12	Upstream	SW141X	12	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW140



2, 00:01:18, 12.14 m
Connection other than junction at 10 o'clock, diameter: 150mm



3, 00:04:03, 45.03 m
Finish node, manhole, reference: SW141



Section Inspection - 05/07/2024 - SW139X

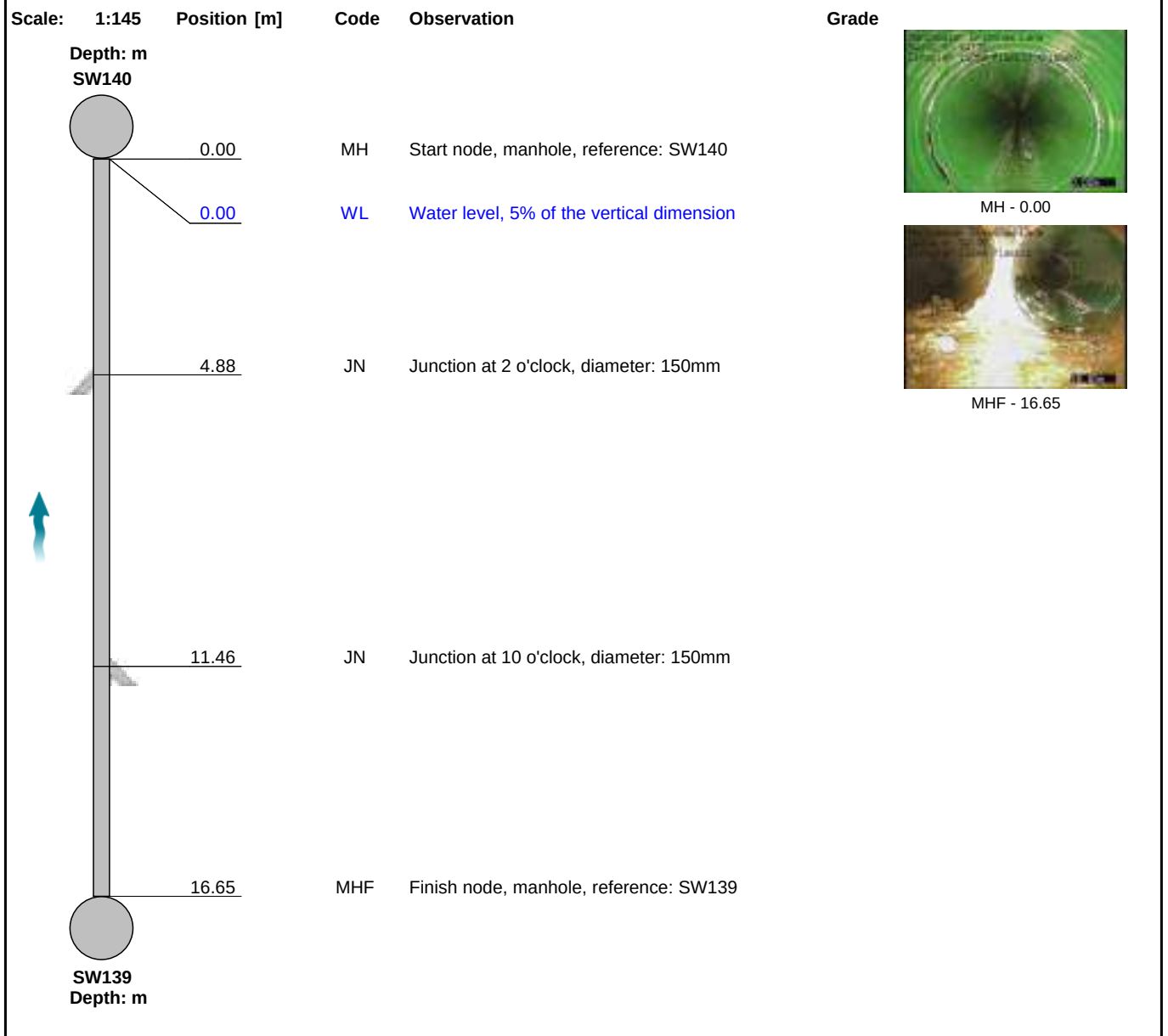


Item No. 13	Insp. No. 1	Date: 05/07/24	Time: 11:21	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW139X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW139
Road:	Grimshaw Lane	Inspected Length:	16.65 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	16.65 m	Downstream Node:	SW140
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 05/07/2024 - SW139X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
13	Upstream	SW139X	13	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW140



2, 00:02:37, 16.65 m
Finish node, manhole, reference: SW139



Section Inspection - 05/07/2024 - SW141Y

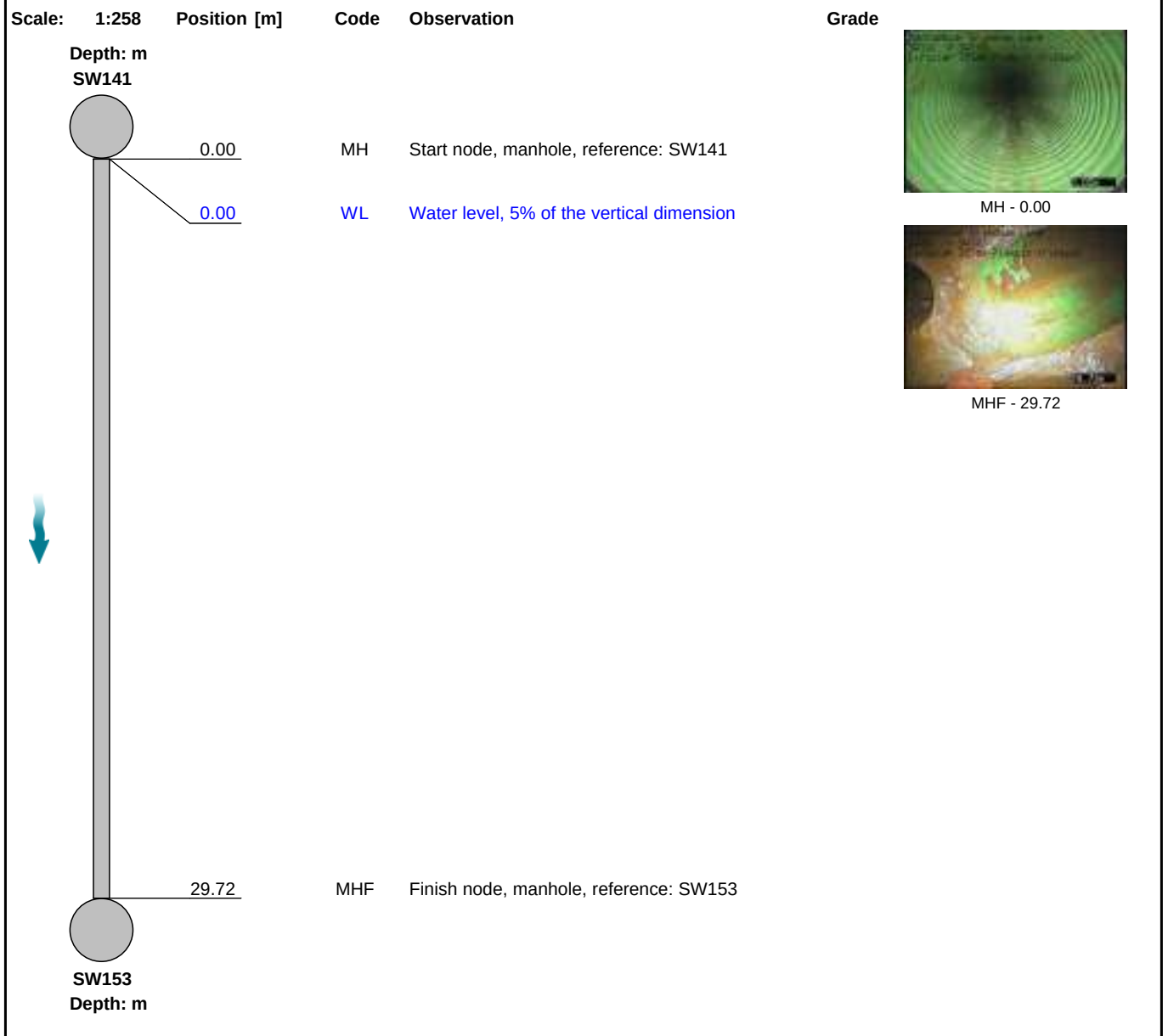


Item No. 14	Insp. No. 1	Date: 05/07/24	Time: 12:32	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW141Y
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW141
Road:	Grimshaw Lane	Inspected Length:	29.72 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	29.72 m	Downstream Node:	SW153
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 05/07/2024 - SW141Y

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
14	Downstream	SW141Y	14	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW141



2, 00:02:28, 29.72 m
Finish node, manhole, reference: SW153



Section Inspection - 05/07/2024 - Gully 1X



Item No. 15	Insp. No. 1	Date: 05/07/24	Time: 11:42	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR GULLY 1X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	GULLY 1
Road:	Grimshaw Lane	Inspected Length:	3.41 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	3.41 m	Downstream Node:	SW139
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 05/07/2024 - Gully 1X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
15	Upstream	GULLY 1X	15	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW139



2, 00:00:25, 3.41 m
Finish node, other special chamber, reference: Gully 1, Line
reduces to 100mm before gully.



Section Inspection - 05/07/2024 - RWP2X

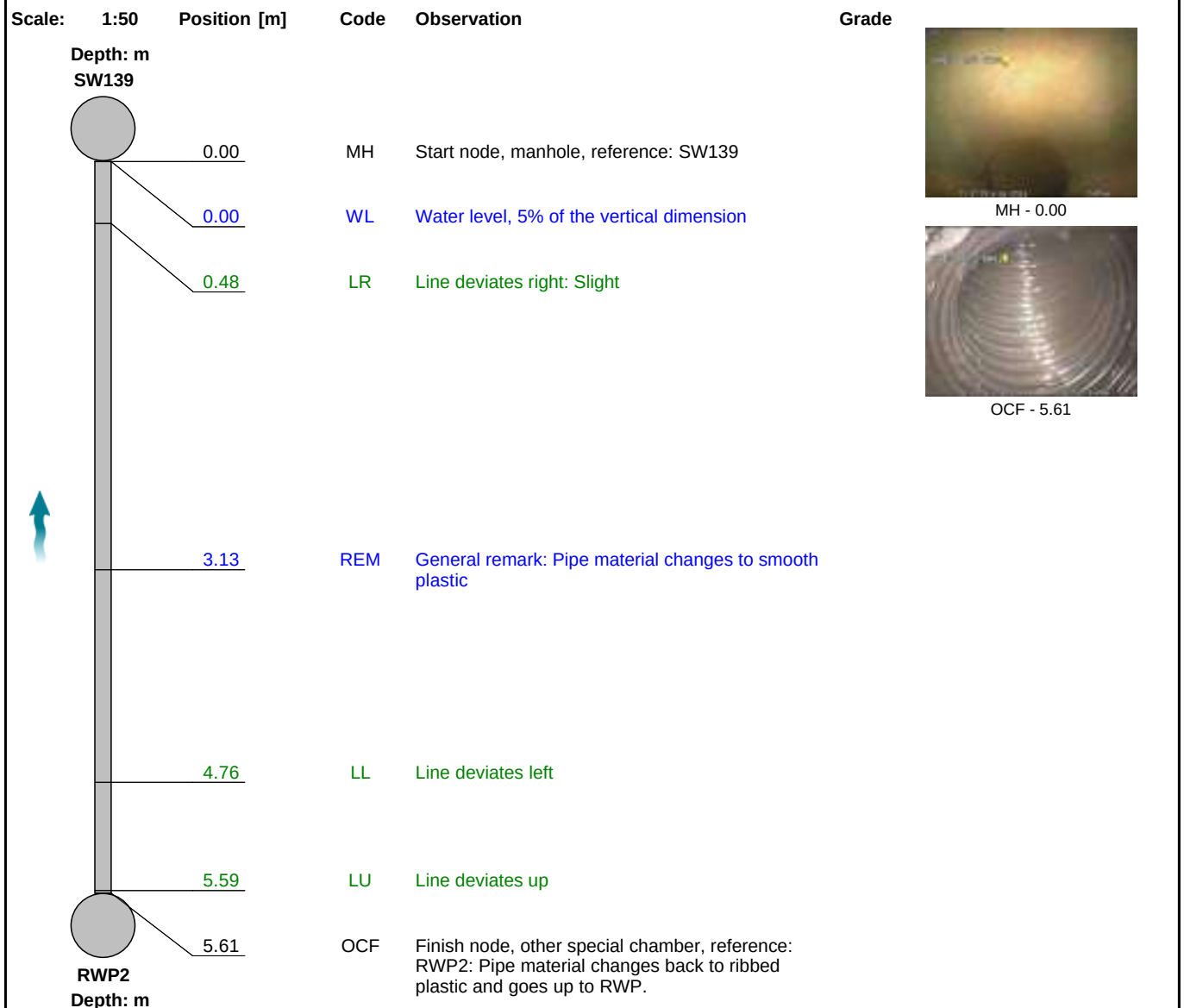


Item No. 16	Insp. No. 1	Date: 05/07/24	Time: 11:42	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR RWP2X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RWP2
Road:	Grimshaw Lane	Inspected Length:	5.61 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	5.61 m	Downstream Node:	SW139
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 05/07/2024 - RWP2X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
16	Upstream	RWP2X	16	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW139



2, 00:00:39, 5.61 m
Finish node, other special chamber, reference: RWP2, Pipe material changes back to ribbed plastic and goes up to RWP.



Section Inspection - 05/07/2024 - SW143X

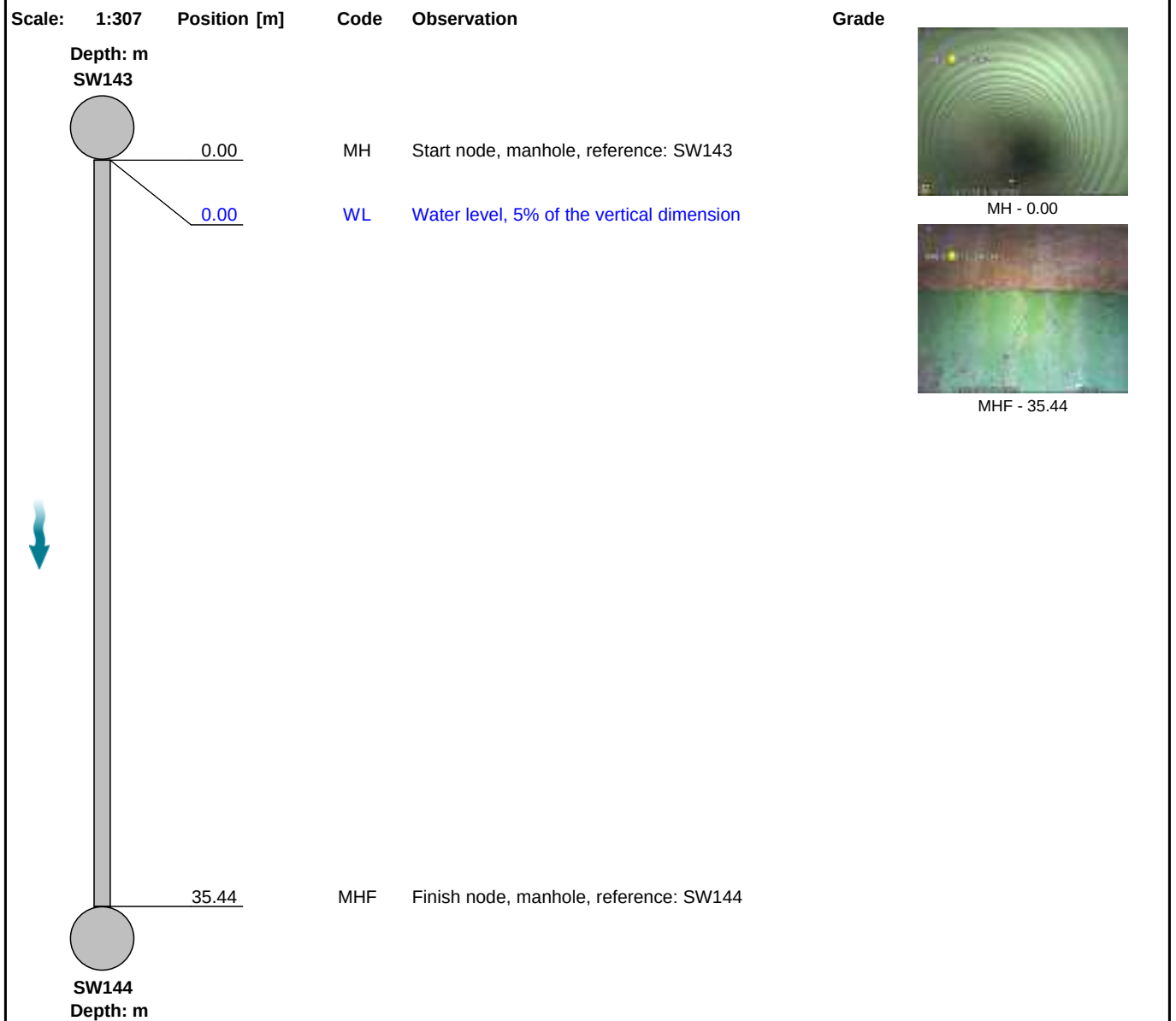


Item No. 17	Insp. No. 1	Date: 05/07/24	Time: 14:29	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW143X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW143
Road:	Grimshaw Lane	Inspected Length:	35.44 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	35.44 m	Downstream Node:	SW144
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 05/07/2024 - SW143X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
17	Downstream	SW143X	17	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW143



2, 00:01:04, 35.44 m
Finish node, manhole, reference: SW144



Section Inspection - 05/07/2024 - SW142X



Item No. 18	Insp. No. 1	Date: 05/07/24	Time: 14:33	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW142X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW142
Road:	Grimshaw Lane	Inspected Length:	15.63 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	15.63 m	Downstream Node:	SW143
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:136 Position [m] Code Observation Grade

Depth: m
SW143



0.00

MH

Start node, manhole, reference: SW143

0.00

WL

Water level, 5% of the vertical dimension

15.63

MHF

Finish node, manhole, reference: SW142

SW142
Depth: m



MH - 0.00



MHF - 15.63

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 Pictures - 05/07/2024 - SW142X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
18	Upstream	SW142X	18	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW143



2, 00:00:59, 15.63 m
Finish node, manhole, reference: SW142

Section Inspection - 05/07/2024 - SW142Y

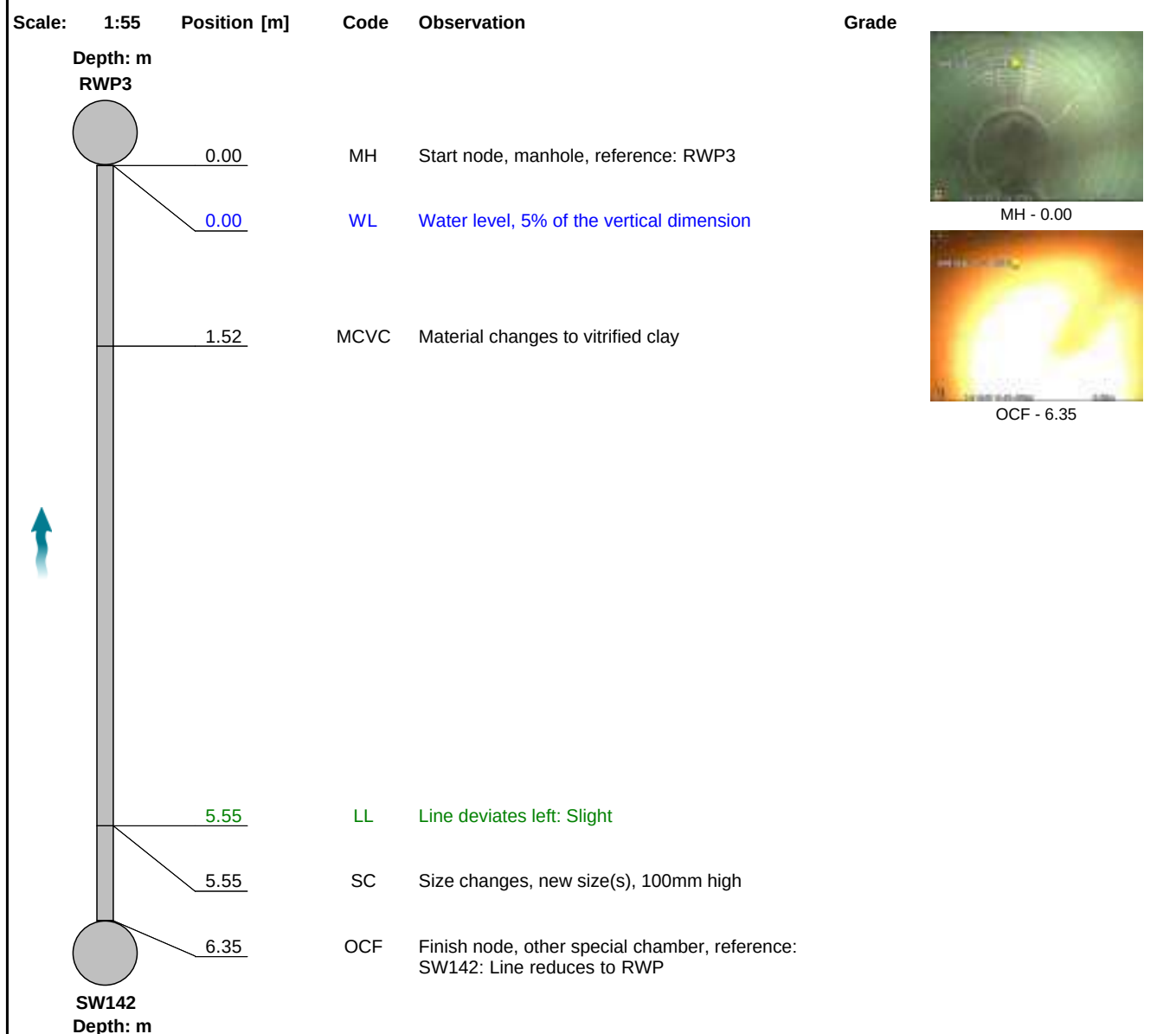


Item No. 19	Insp. No. 1	Date: 05/07/24	Time: 14:29	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW142Y
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW142
Road:	Grimshaw Lane	Inspected Length:	6.35 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	6.35 m	Downstream Node:	RWP3
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Combined waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 05/07/2024 - SW142Y

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
19	Upstream	SW142Y	19	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: RWP3



2, 00:00:35, 6.35 m
Finish node, other special chamber, reference: SW142, Line
reduces to RWP



Section Inspection - 09/07/2024 - SW 125X



Item No. 20	Insp. No. 1	Date: 09/07/24	Time: 11:19	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW 125X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW 125
Road:	Grimshaw Lane	Inspected Length:	37.93 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	37.93 m	Downstream Node:	SW126
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:329	Position [m]	Code	Observation	Grade
Depth: m SW 125				
	0.00	MH	Start node, manhole, reference: SW 125	
	0.00	WL	Water level, 5% of the vertical dimension	MH - 0.00
	2.69	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
	12.01	CN	Connection other than junction at 10 o'clock, diameter: 150mm	
	27.43	CN	Connection other than junction at 11 o'clock, diameter: 150mm	
	35.16	CN	Connection other than junction at 11 o'clock, diameter: 150mm	
	37.93	MHF	Finish node, manhole, reference: SW126	
SW126 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 Pictures - 09/07/2024 - SW 125X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
20	Downstream	SW 125X	20	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW 125



2, 00:03:03, 37.93 m
Finish node, manhole, reference: SW126



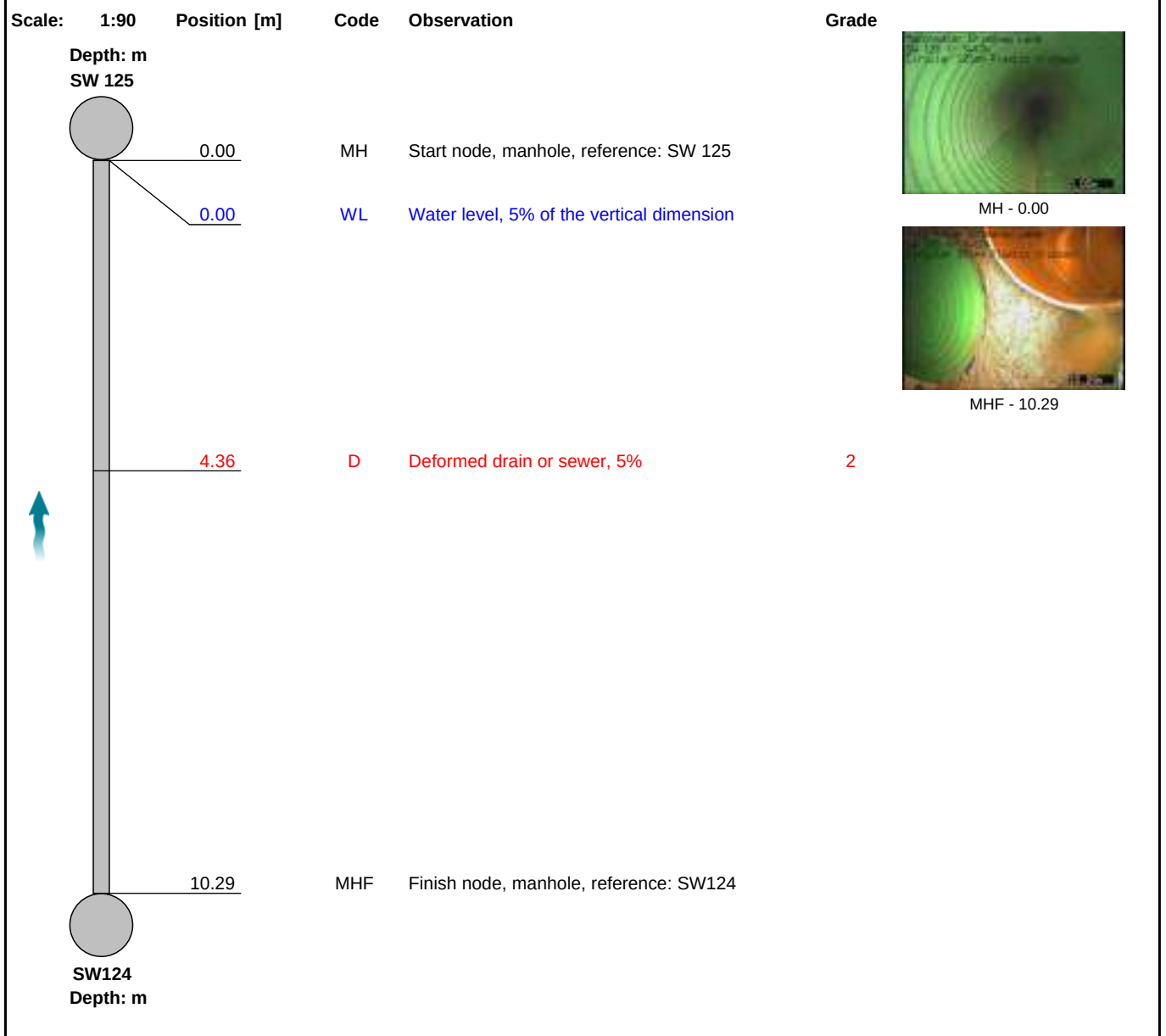
Section Inspection - 09/07/2024 - SW124X



Item No. 21	Insp. No. 1	Date: 09/07/24	Time: 11:31	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW124X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW124
Road:	Grimshaw Lane	Inspected Length:	10.29 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	10.29 m	Downstream Node:	SW 125
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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	20.0	1.9	20.0	2.0	0	0.0	0.0	0.0	1.0

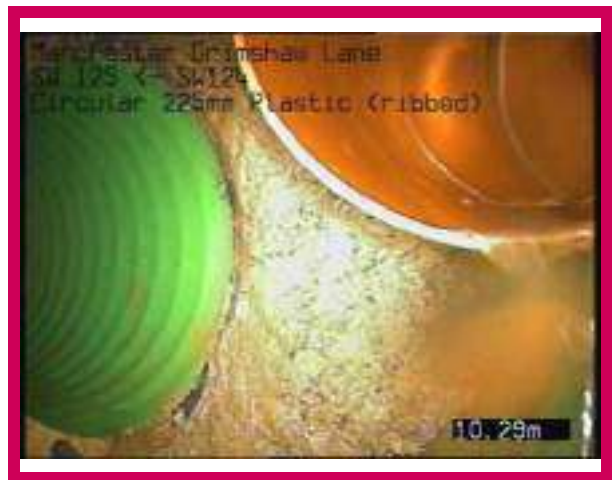


Section Pictures - 09/07/2024 - SW124X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
21	Upstream	SW124X	21	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW 125



2, 00:01:07, 10.29 m
Finish node, manhole, reference: SW124



Section Inspection - 09/07/2024 - GullyX

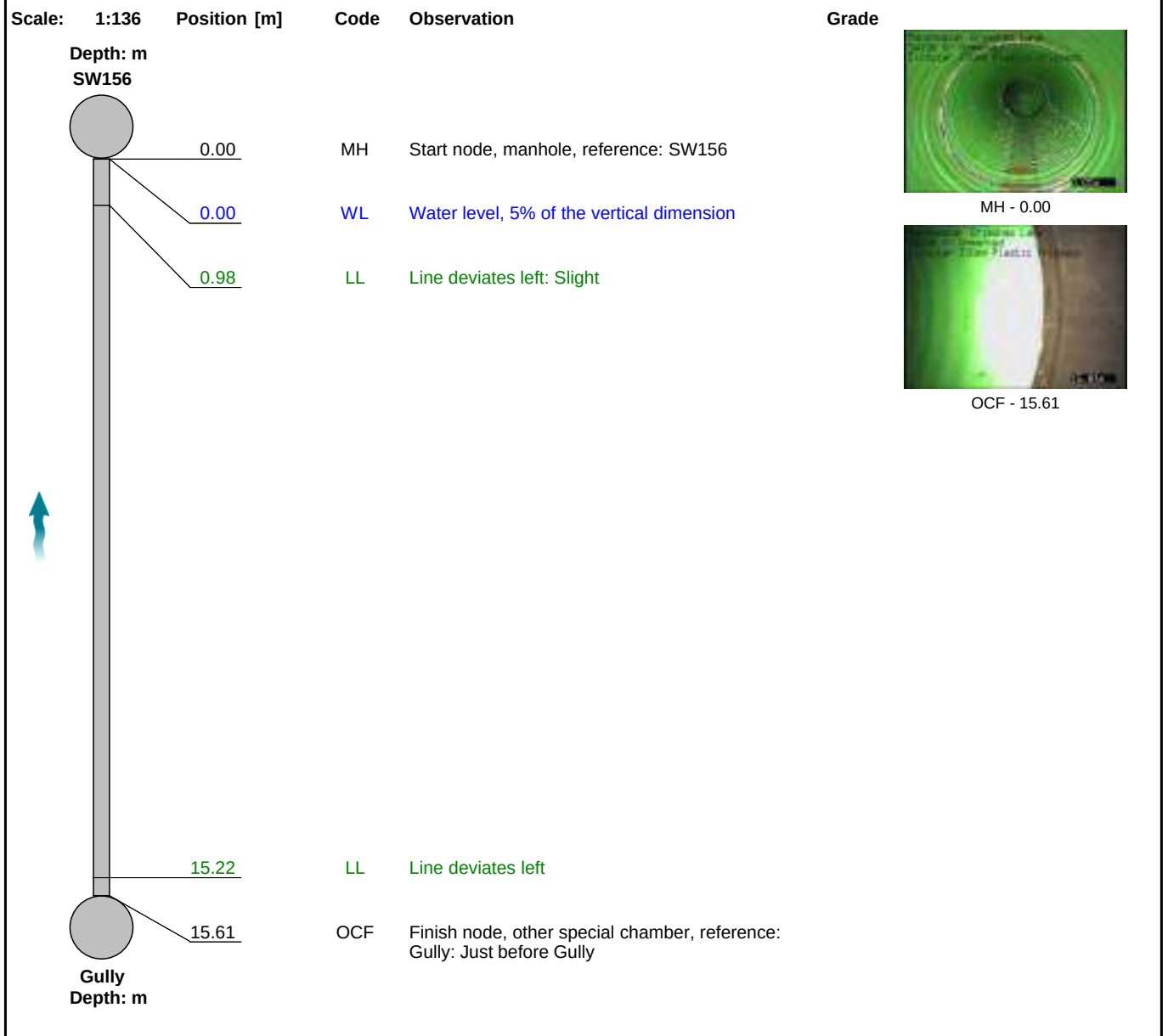


Item No. 22	Insp. No. 1	Date: 09/07/24	Time: 12:43	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR GULLYX
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	GULLY
Road:	Grimshaw Lane	Inspected Length:	15.61 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	15.61 m	Downstream Node:	SW156
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

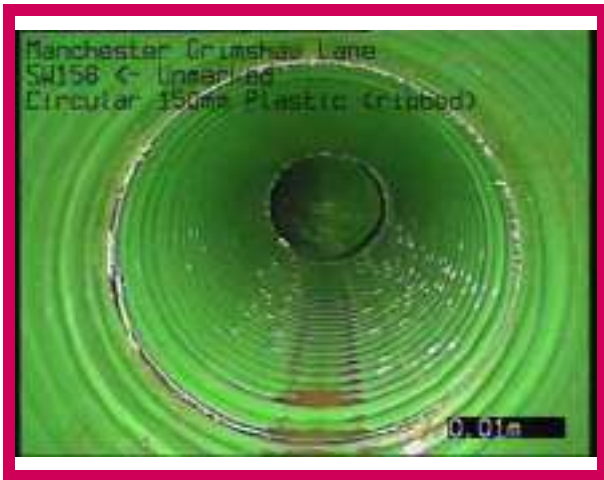


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

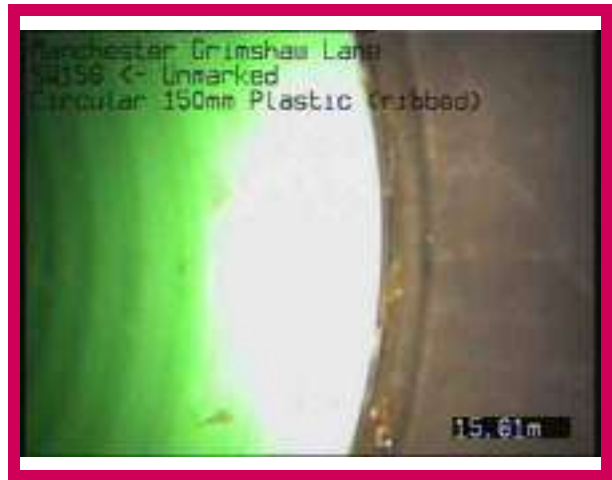


Section Pictures - 09/07/2024 - GullyX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
22	Upstream	GULLYX	22	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW156



2, 00:01:54, 15.61 m
Finish node, other special chamber, reference: Gully, Just before Gully



Section Inspection - 09/07/2024 - SW156X

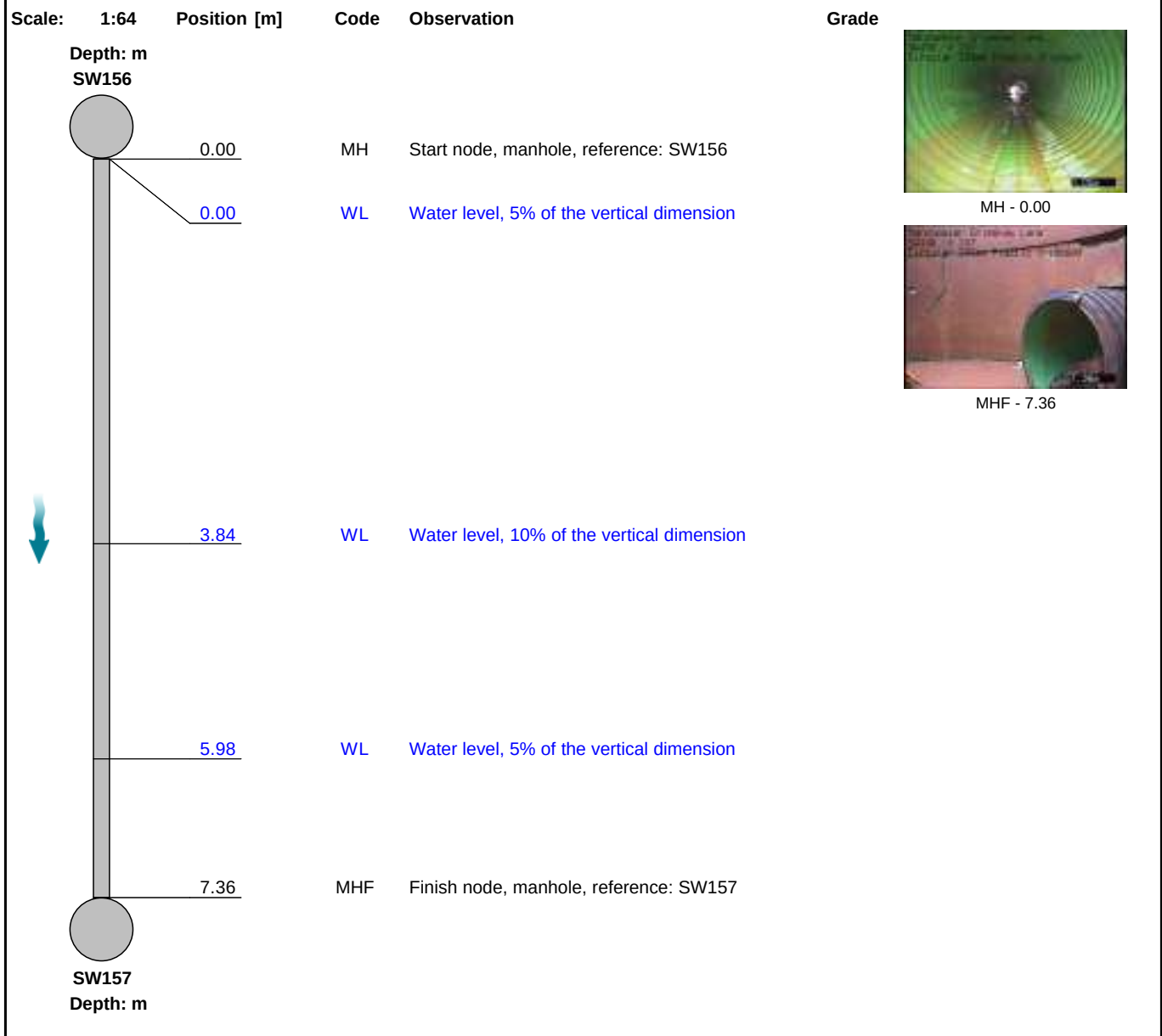


Item No. 23	Insp. No. 1	Date: 09/07/24	Time: 12:48	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW156X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW156
Road:	Grimshaw Lane	Inspected Length:	7.36 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	7.36 m	Downstream Node:	SW157
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 09/07/2024 - SW156X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
23	Downstream	SW156X	23	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW156



2, 00:00:53, 7.36 m
Finish node, manhole, reference: SW157



Section Inspection - 09/07/2024 - GullyY

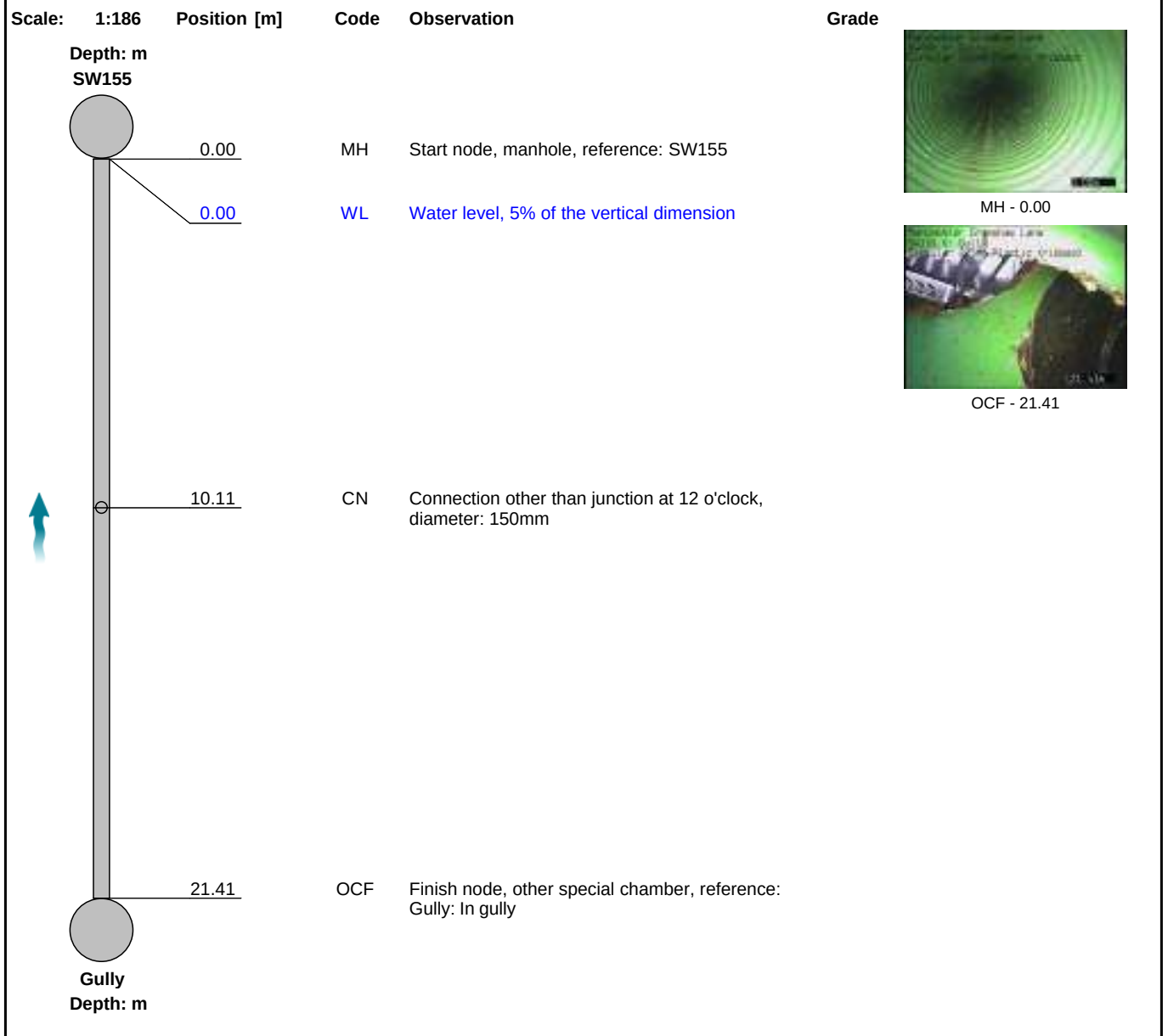


Item No. 24	Insp. No. 1	Date: 09/07/24	Time: 13:19	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR GULLYY
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	GULLY
Road:	Grimshaw Lane	Inspected Length:	21.41 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	21.41 m	Downstream Node:	SW155
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

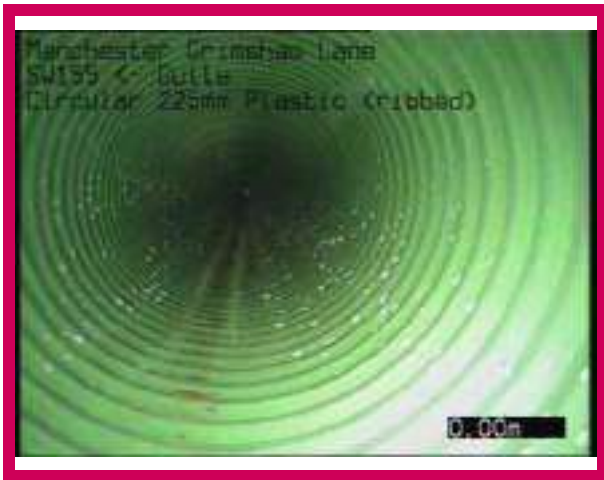


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 09/07/2024 - GullyY

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
24	Upstream	GULLYY	24	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW155



2, 00:03:39, 21.41 m
Finish node, other special chamber, reference: Gully, In gully



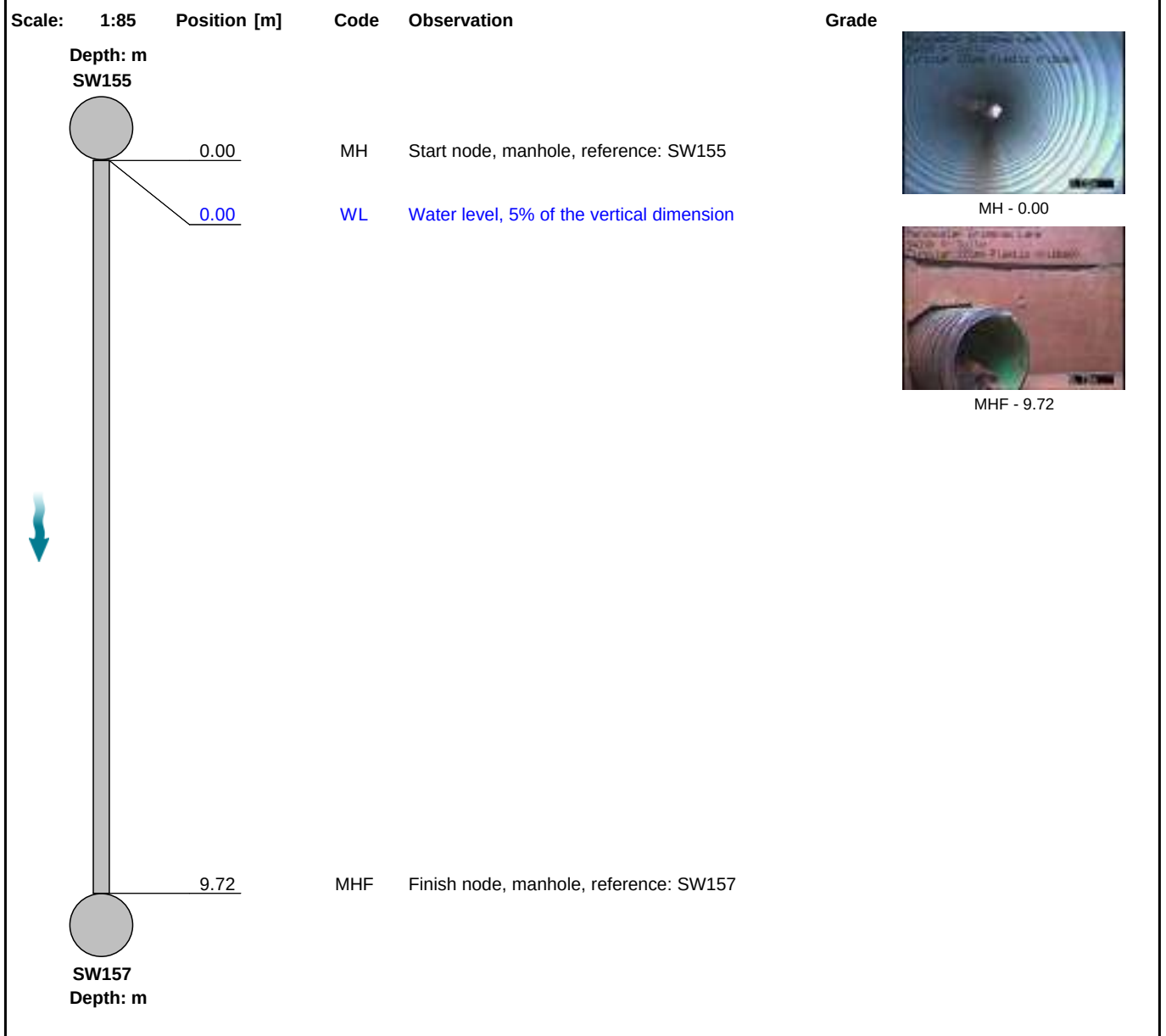
Section Inspection - 09/07/2024 - SW155X



Item No. 25	Insp. No. 1	Date: 09/07/24	Time: 13:27	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW155X
Operator J. Paschke		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW155
Road:	Grimshaw Lane	Inspected Length:	9.72 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	9.72 m	Downstream Node:	SW157
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 09/07/2024 - SW155X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
25	Downstream	SW155X	25	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW155



2, 00:01:00, 9.72 m
Finish node, manhole, reference: SW157

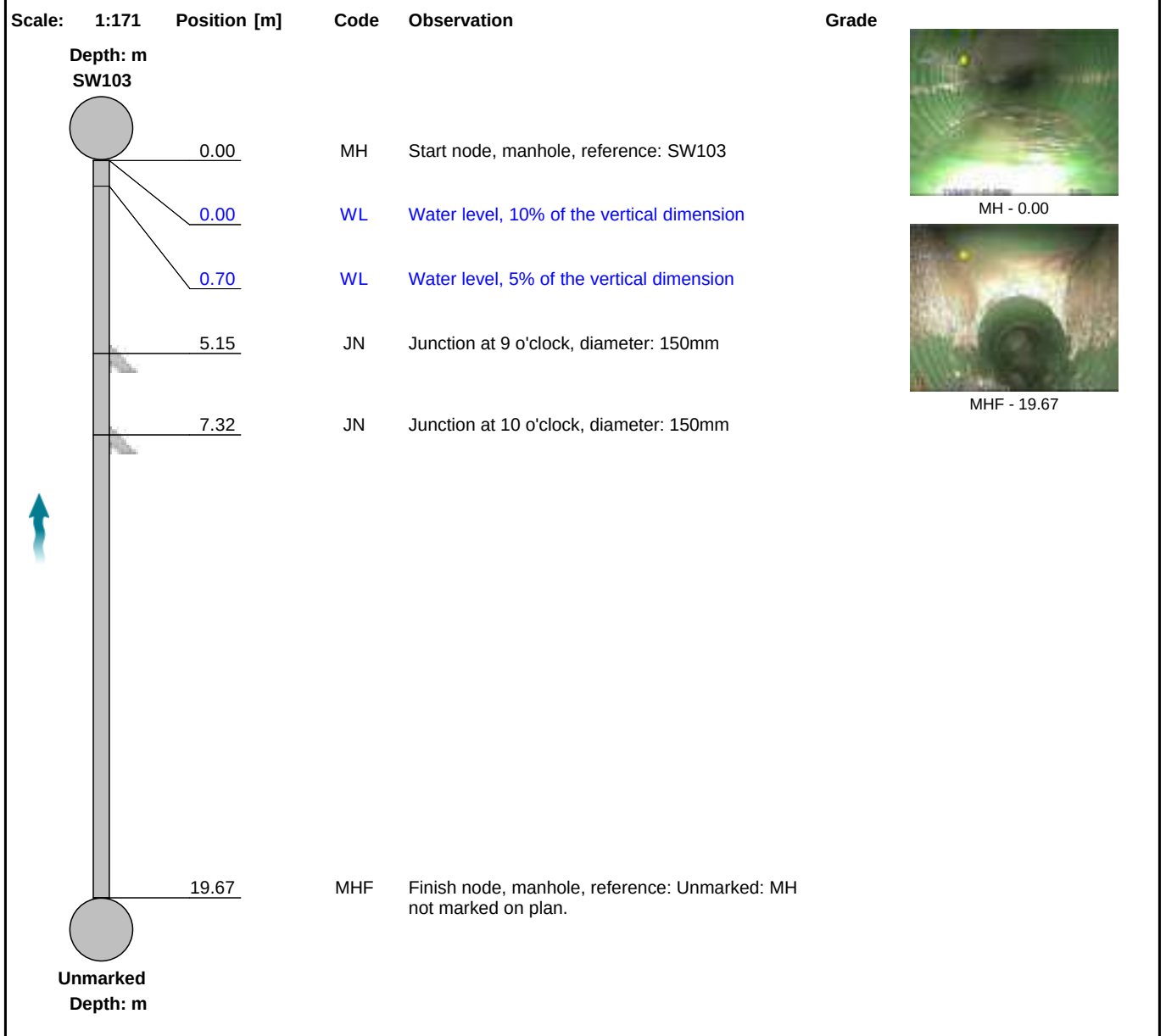


Section Inspection - 09/07/2024 - UnmarkedX



Item No. 26	Insp. No. 1	Date: 09/07/24	Time: 13:31	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR UNMARKEDX
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UNMARKED
Road:	Grimshaw Lane	Inspected Length:	19.67 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	19.67 m	Downstream Node:	SW103
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste		Asset Shape:	Circular	
Asset Type:	Gravity drain/sewer		Dia/Height:	150 mm	
Asset Owner:	Private		Asset Material:	Plastic (ribbed)	
Year Constructed:	Not Specified		Asset Lining Type:	No Lining	
Inspection Purpose:	Condition survey		Asset Lining Material:	No Lining	
Comments:	MHF not marked on plan				
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 - 09/07/2024 - UnmarkedX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
26	Upstream	UNMARKEDX	26	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW103



2, 00:01:06, 19.67 m
Finish node, manhole, reference: Unmarked, MH not marked
on plan.

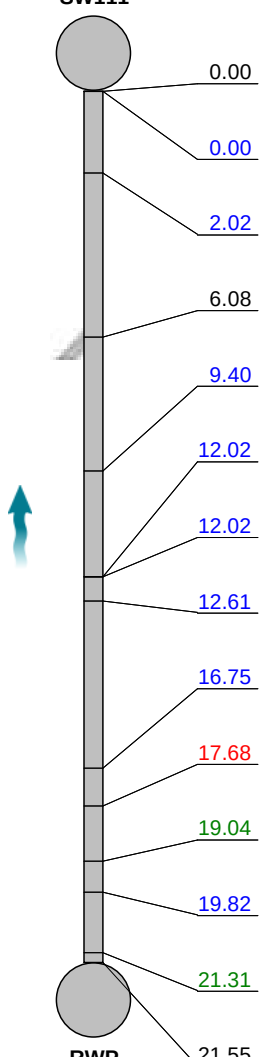
Section Inspection - 09/07/2024 - RWPX

Item No. 27	Insp. No. 1	Date: 09/07/24	Time: 13:30	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR RWPX
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RWP
Road:	Grimshaw Lane	Inspected Length:	21.55 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	21.55 m	Downstream Node:	SW111
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:187	Position [m]	Code	Observation	Grade																												
<div><div><div>Depth: m SW111</div><div><div>0.00 0.00 2.02 6.08 9.40 12.02 12.02 12.61 16.75 17.68 19.04 19.82 21.31 21.55</div><div>RWP Depth: m</div></div><table><tr><td>MH</td><td>Start node, manhole, reference: SW111</td></tr><tr><td>WL</td><td>Water level, 10% of the vertical dimension</td></tr><tr><td>CUW</td><td>Loss of vision, camera under water</td></tr><tr><td>JN</td><td>Junction at 3 o'clock, diameter: 150mm</td></tr><tr><td>WL</td><td>Water level, 5% of the vertical dimension</td></tr><tr><td>WL</td><td>Water level, 10% of the vertical dimension</td></tr><tr><td>CUW</td><td>Loss of vision, camera under water</td></tr><tr><td>WL</td><td>Water level, 20% of the vertical dimension</td></tr><tr><td>WL</td><td>Water level, 10% of the vertical dimension</td></tr><tr><td>D</td><td>Deformed drain or sewer, 10%</td></tr><tr><td>LR</td><td>Line deviates right</td></tr><tr><td>REM</td><td>General remark: Material of pipe changes to smooth plastic</td></tr><tr><td>LU</td><td>Line deviates up</td></tr><tr><td>OCF</td><td>Finish node, other special chamber, reference: RWP: Bottom of RWP</td></tr></table></div><div><p>MH - 0.00</p><p>WL - 9.40</p><p>D - 17.68</p><p>OCF - 21.55</p></div></div>						MH	Start node, manhole, reference: SW111	WL	Water level, 10% of the vertical dimension	CUW	Loss of vision, camera under water	JN	Junction at 3 o'clock, diameter: 150mm	WL	Water level, 5% of the vertical dimension	WL	Water level, 10% of the vertical dimension	CUW	Loss of vision, camera under water	WL	Water level, 20% of the vertical dimension	WL	Water level, 10% of the vertical dimension	D	Deformed drain or sewer, 10%	LR	Line deviates right	REM	General remark: Material of pipe changes to smooth plastic	LU	Line deviates up	OCF	Finish node, other special chamber, reference: RWP: Bottom of RWP
MH	Start node, manhole, reference: SW111																																
WL	Water level, 10% of the vertical dimension																																
CUW	Loss of vision, camera under water																																
JN	Junction at 3 o'clock, diameter: 150mm																																
WL	Water level, 5% of the vertical dimension																																
WL	Water level, 10% of the vertical dimension																																
CUW	Loss of vision, camera under water																																
WL	Water level, 20% of the vertical dimension																																
WL	Water level, 10% of the vertical dimension																																
D	Deformed drain or sewer, 10%																																
LR	Line deviates right																																
REM	General remark: Material of pipe changes to smooth plastic																																
LU	Line deviates up																																
OCF	Finish node, other special chamber, reference: RWP: Bottom of RWP																																

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	3.7	80.0	4.0	0	0.0	0.0	0.0	1.0



Section Pictures - 09/07/2024 - RWPX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
27	Upstream	RWPX	27	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW111



2, 00:00:30, 9.40 m
Water level, 5% of the vertical dimension



3, 00:00:52, 17.68 m
Deformed drain or sewer, 10%



4, 00:01:07, 21.55 m
Finish node, other special chamber, reference: RWP, Bottom of RWP



Section Inspection - 09/07/2024 - SW112X

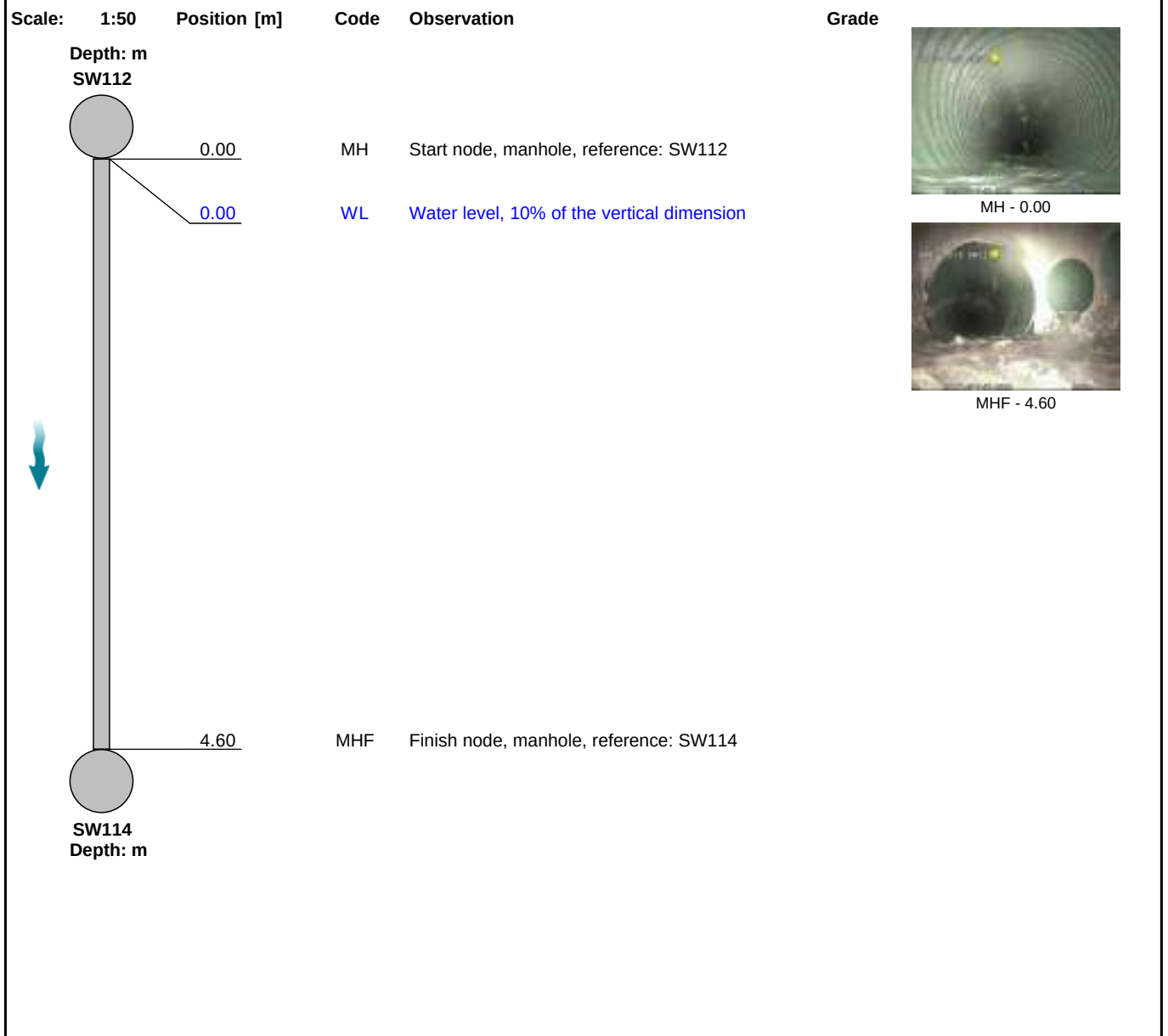


Item No. 28	Insp. No. 1	Date: 09/07/24	Time: 13:31	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW112X
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW112
Road:	Grimshaw Lane	Inspected Length:	4.60 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	4.60 m	Downstream Node:	SW114
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 09/07/2024 - SW112X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
28	Downstream	SW112X	28	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW112



2, 00:00:10, 4.60 m
Finish node, manhole, reference: SW114



Section Inspection - 09/07/2024 - RWPY

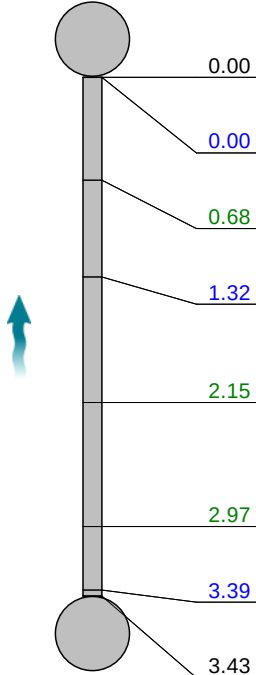


Item No. 29	Insp. No. 1	Date: 09/07/24	Time: 13:31	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR RWPY
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RWP
Road:	Grimshaw Lane	Inspected Length:	3.43 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	3.43 m	Downstream Node:	SW112
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
<p>Depth: m SW112</p>  <p>Diagram description: A vertical grey pipe is shown with depth markers on the left. A blue arrow points upwards. The markers and corresponding observations are: 0.00 (MH Start node), 0.00 (WL Water level), 0.68 (LL Line deviates left), 1.32 (REM General remark: Material change of pipe. to smooth plastic), 2.15 (LR Line deviates right), 2.97 (LR Line deviates right), 3.39 (REM General remark: Material of pipe changes. babk ripped pipe), 3.43 (OCF Finish node).</p>					
		0.00	MH	Start node, manhole, reference: SW112	 MH - 0.00
		0.00	WL	Water level, 5% of the vertical dimension	
		0.68	LL	Line deviates left	 REM - 1.32
		1.32	REM	General remark: Material change of pipe. to smooth plastic	
		2.15	LR	Line deviates right	 OCF - 3.43
		2.97	LR	Line deviates right	
		3.39	REM	General remark: Material of pipe changes. babk ripped pipe	
		3.43	OCF	Finish node, other special chamber, reference: RWP: In bottom of RWP	
RWP 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 Pictures - 09/07/2024 - RWPY

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
29	Upstream	RWPY	29	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW112



2, 00:00:06, 1.32 m
General remark, Material change of pipe. to smooth plastic



3, 00:00:17, 3.43 m
Finish node, other special chamber, reference: RWP, In
bottom of RWP

Section Inspection - 09/07/2024 - SW111X

Item No. 30	Insp. No. 1	Date: 09/07/24	Time: 13:30	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW111X
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW111
Road:	Grimshaw Lane	Inspected Length:	31.42 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	31.42 m	Downstream Node:	SW112
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:273 Position [m] Code Observation Grade

 Depth: m
SW112


0.00	MH	Start node, manhole, reference: SW112
0.00	WL	Water level, 10% of the vertical dimension
0.37	S01	CUW Loss of vision, camera under water, start
12.52	F01	CUW Loss of vision, camera under water, finish
13.47	CN	Connection other than junction at 3 o'clock, diameter: 150mm
20.45	CUW	Loss of vision, camera under water
26.10	CUW	Loss of vision, camera under water
26.72	CN	Connection other than junction at 3 o'clock, diameter: 150mm
31.42	MHF	Finish node, manhole, reference: SW111

 SW111
Depth: m


MH - 0.00



MHF - 31.42

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 - 09/07/2024 - SW111X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
30	Upstream	SW111X	30	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW112



2, 00:01:24, 31.42 m
Finish node, manhole, reference: SW111



Section Inspection - 09/07/2024 - RWPZ



Item No. 31	Insp. No. 1	Date: 09/07/24	Time: 13:31	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR RWPZ
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RWP
Road:	Grimshaw Lane	Inspected Length:	0.76 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	0.76 m	Downstream Node:	SW113
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
<div> <div> <div>Depth: m</div> <div>SW113</div> <div> </div> </div> <div> <div>Depth: m</div> <div>RWP</div> </div> </div>					
		0.00	MH	Start node, manhole, reference: SW113	
		0.00	WL	Water level, 5% of the vertical dimension	MH - 0.00
		0.00	LU	Line deviates up	
		0.58	CUW	Loss of vision, camera under water	OCF - 0.76
		0.76	OCF	Finish node, other special chamber, reference: RWP: In bottom of RWP	

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 - 09/07/2024 - RWPZ

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
31	Upstream	RWPZ	31	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW113



2, 00:00:08, 0.76 m
Finish node, other special chamber, reference: RWP, In
bottom of RWP



Section Inspection - 09/07/2024 - RWPA



Item No. 32	Insp. No. 1	Date: 09/07/24	Time: 13:31	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR RWPA
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RWP
Road:	Grimshaw Lane	Inspected Length:	1.04 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	1.04 m	Downstream Node:	SW114
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
		0.00	MH	Start node, manhole, reference: SW114	
		0.00	WL	Water level, 10% of the vertical dimension	MH - 0.00
		1.03	LU	Line deviates up	
		1.04	OCF	Finish node, other special chamber, reference: RWP: In bottom of RWP.	LU - 1.03

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 - 09/07/2024 - RWPA

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
32	Upstream	RWPA	32	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW114



2, 00:00:06, 1.03 m
Line deviates up



Section Inspection - 09/07/2024 - SW113X

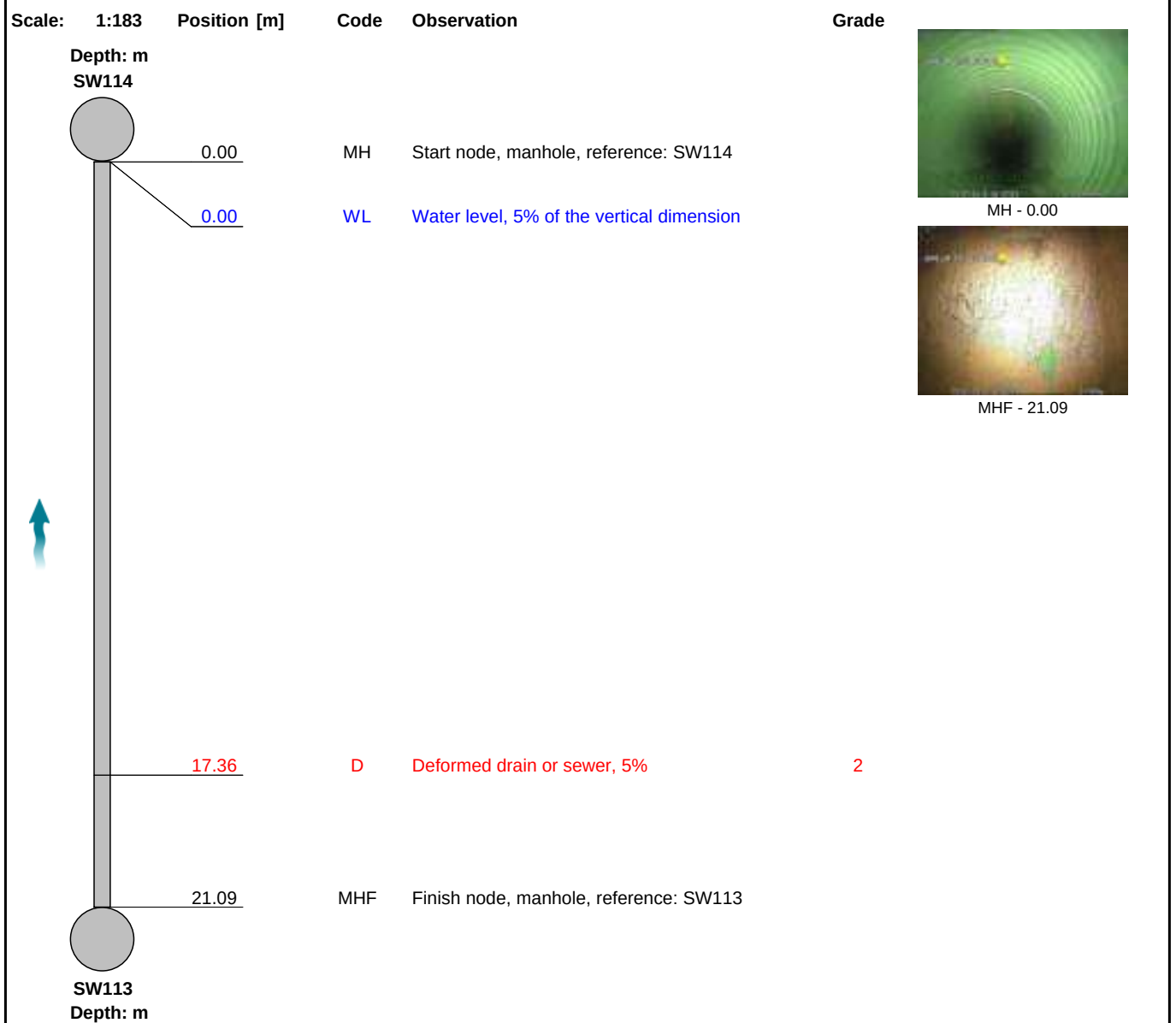


Item No. 33	Insp. No. 1	Date: 09/07/24	Time: 13:32	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW113X
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW113
Road:	Grimshaw Lane	Inspected Length:	21.09 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	21.09 m	Downstream Node:	SW114
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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	20.0	0.9	20.0	2.0	0	0.0	0.0	0.0	1.0



Section Pictures - 09/07/2024 - SW113X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
33	Upstream	SW113X	33	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW114



2, 00:01:35, 21.09 m
Finish node, manhole, reference: SW113



Section Inspection - 09/07/2024 - REX

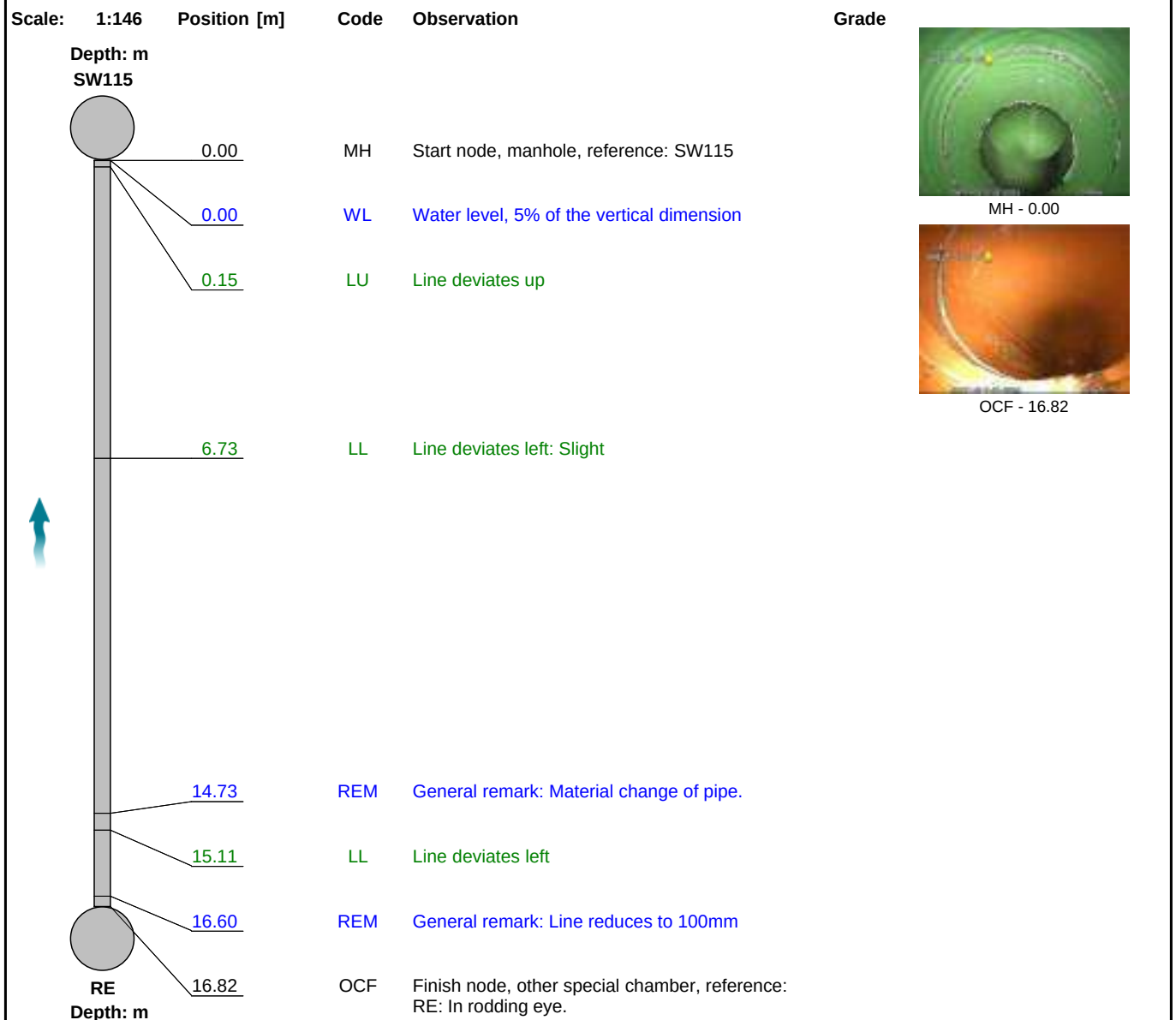


Item No. 34	Insp. No. 1	Date: 09/07/24	Time: 13:31	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR REX
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RE
Road:	Grimshaw Lane	Inspected Length:	16.82 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	16.82 m	Downstream Node:	SW115
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 09/07/2024 - REX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
34	Upstream	REX	34	LSO0381562



1, 00:00:00, 0.00 m
 Start node, manhole, reference: SW115



2, 00:00:43, 16.82 m
 Finish node, other special chamber, reference: RE, In rodding eye.



Section Inspection - 09/07/2024 - RWPB

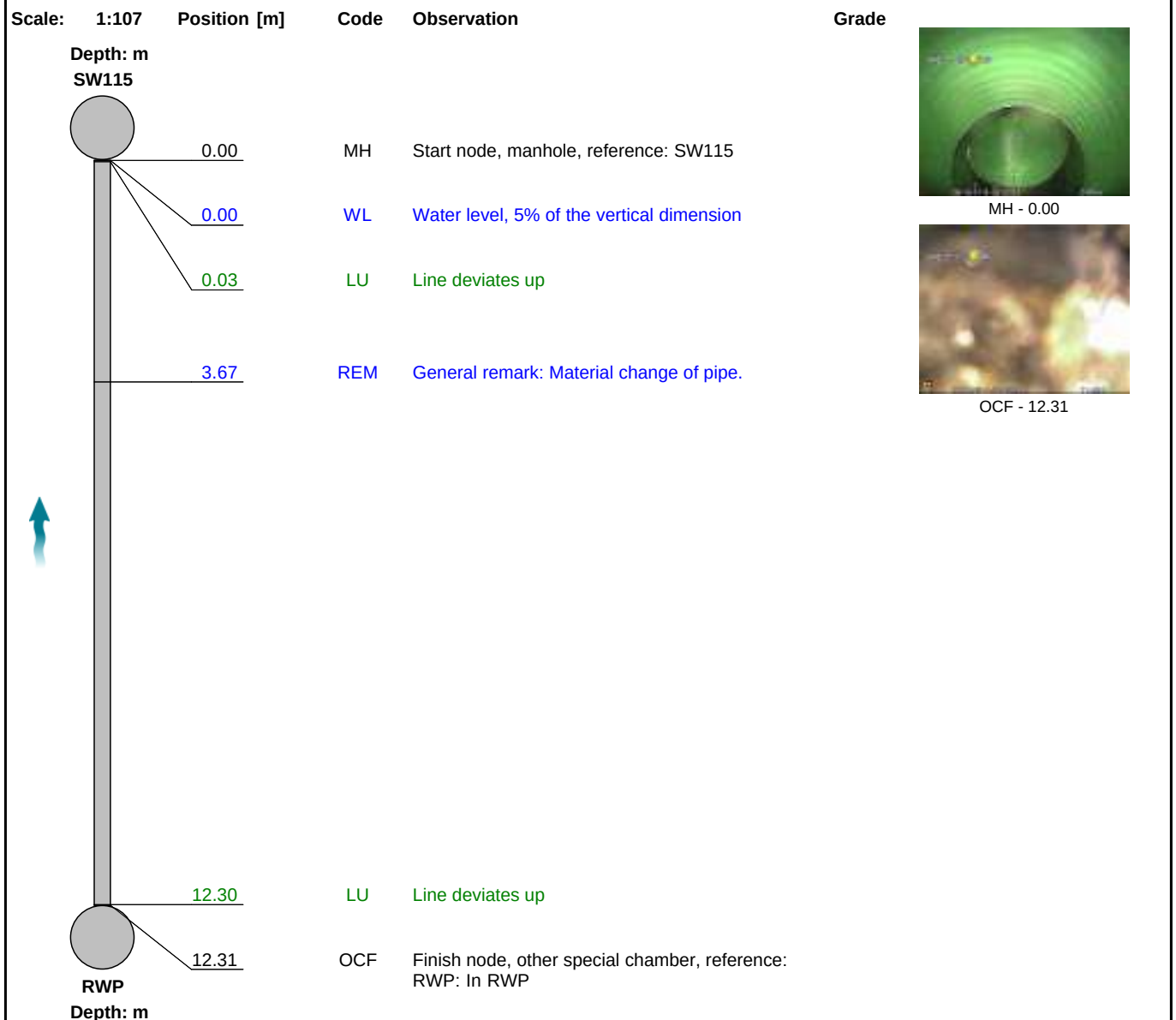


Item No. 35	Insp. No. 1	Date: 09/07/24	Time: 13:31	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR RWPB
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	RWP
Road:	Grimshaw Lane	Inspected Length:	12.31 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	12.31 m	Downstream Node:	SW115
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 09/07/2024 - RWPB

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
35	Upstream	RWPB	35	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW115



2, 00:00:32, 12.31 m
Finish node, other special chamber, reference: RWP, In RWP



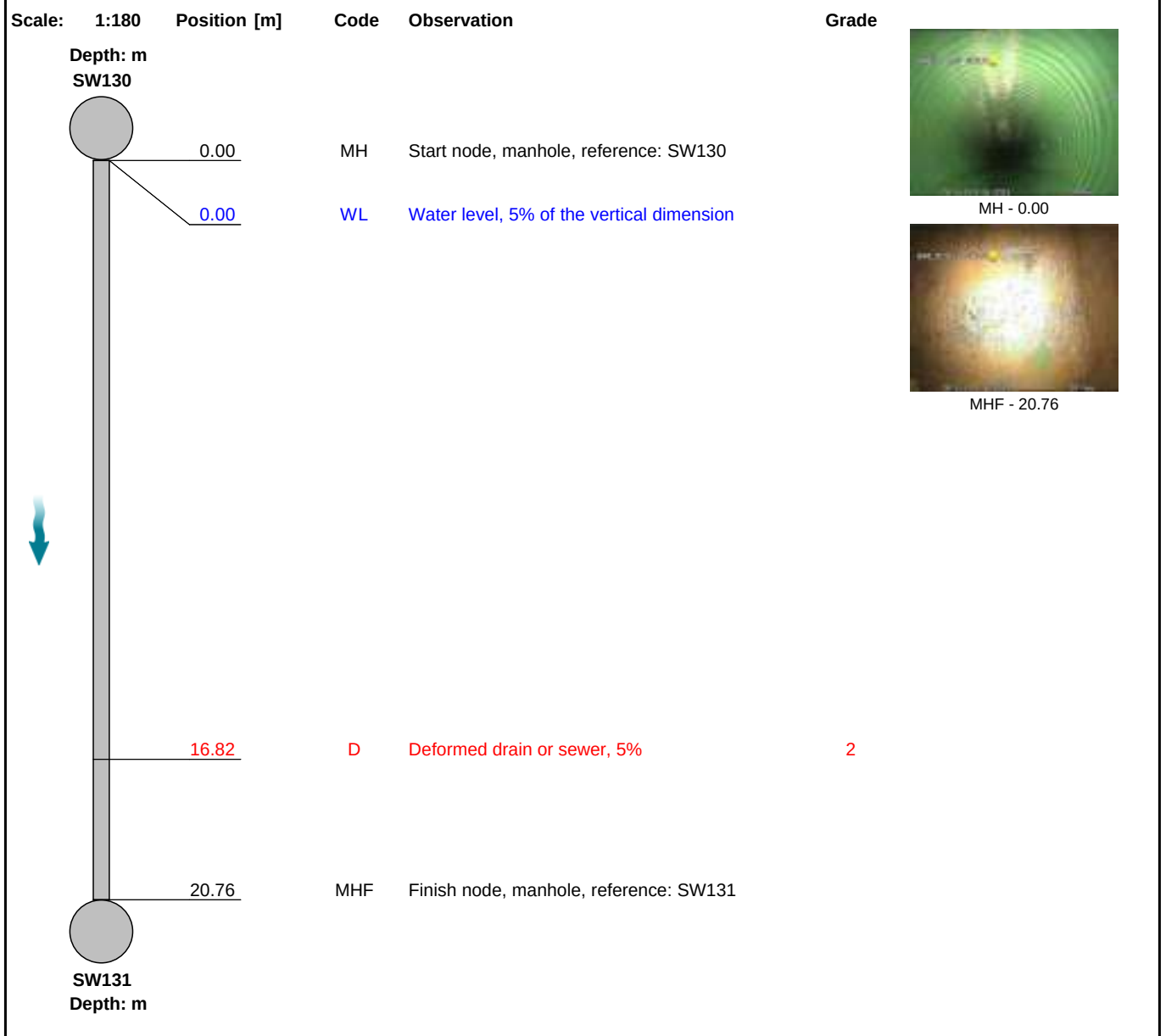
Section Inspection - 09/07/2024 - SW130X



Item No. 36	Insp. No. 1	Date: 09/07/24	Time: 13:31	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW130X
Operator J. Paschke		Asset Location: Property with buildings		Camera Push Rod	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW130
Road:	Grimshaw Lane	Inspected Length:	20.76 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	20.76 m	Downstream Node:	SW131
Surface Type:	Concrete Footway	Joint Length:	1.00 m	Downstream Pipe Depth:	0
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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	20.0	1.0	20.0	2.0	0	0.0	0.0	0.0	1.0



Section Pictures - 09/07/2024 - SW130X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
36	Downstream	SW130X	36	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW130



2, 00:01:01, 20.76 m
Finish node, manhole, reference: SW131



Section Inspection - 04/07/2024 - SW153X

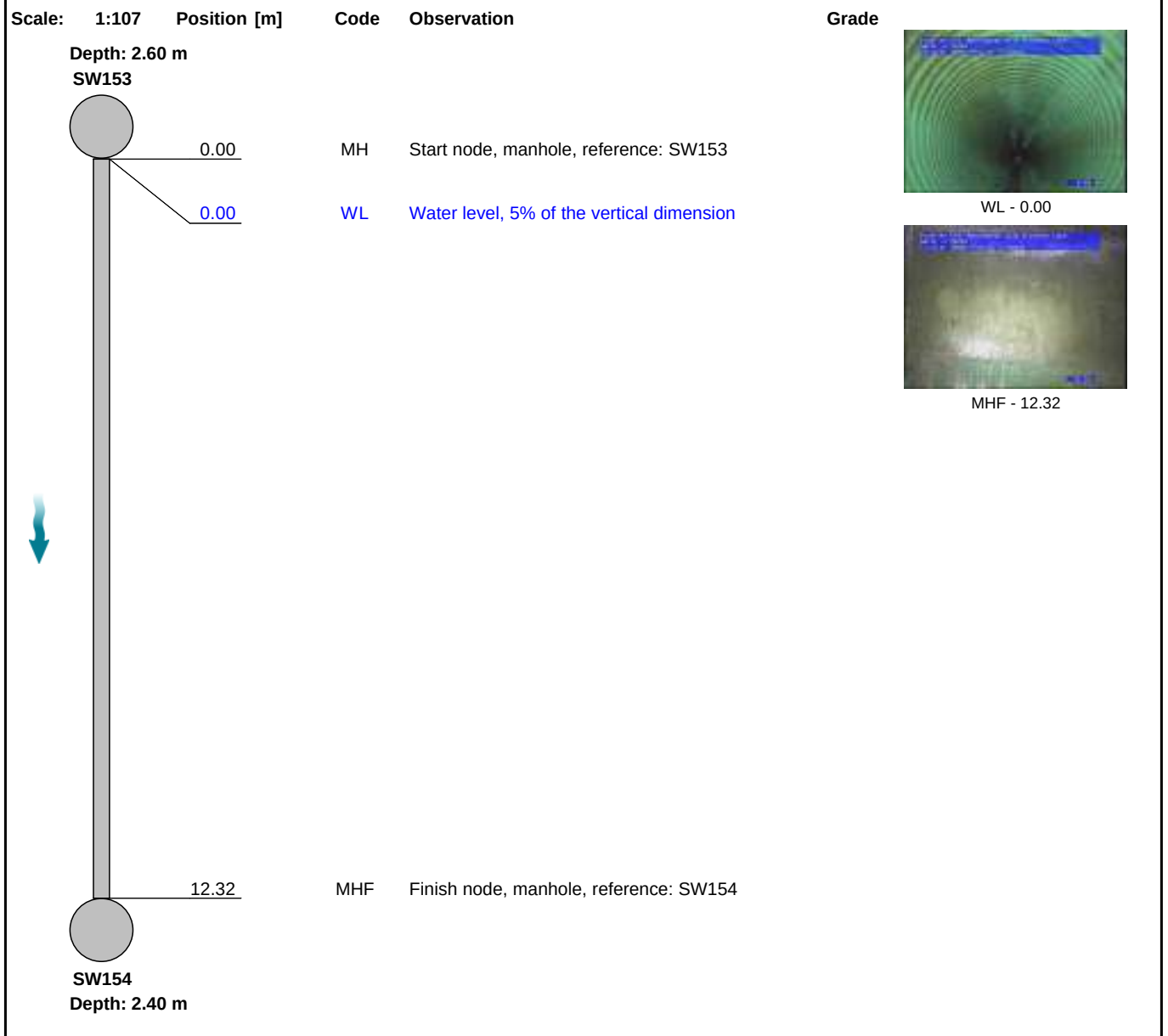


Item No. 37	Insp. No. 1	Date: 04/07/24	Time: 15:27	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW153X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW153
Road:	Grimshaw Lane	Inspected Length:	12.32 m	Upstream Pipe Depth:	2.60
Post Code:	M40 2BA	Total Length:	12.32 m	Downstream Node:	SW154
Surface Type:	Concrete Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	2.40
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

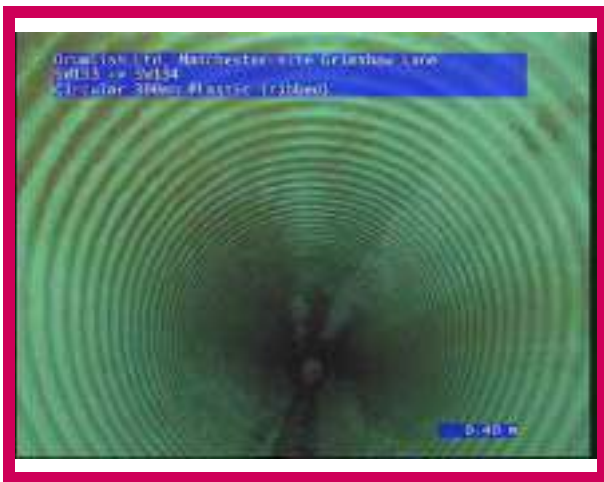


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 04/07/2024 - SW153X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
37	Downstream	SW153X	37	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:40, 12.32 m
Finish node, manhole, reference: SW154



Section Inspection - 04/07/2024 - SW128X

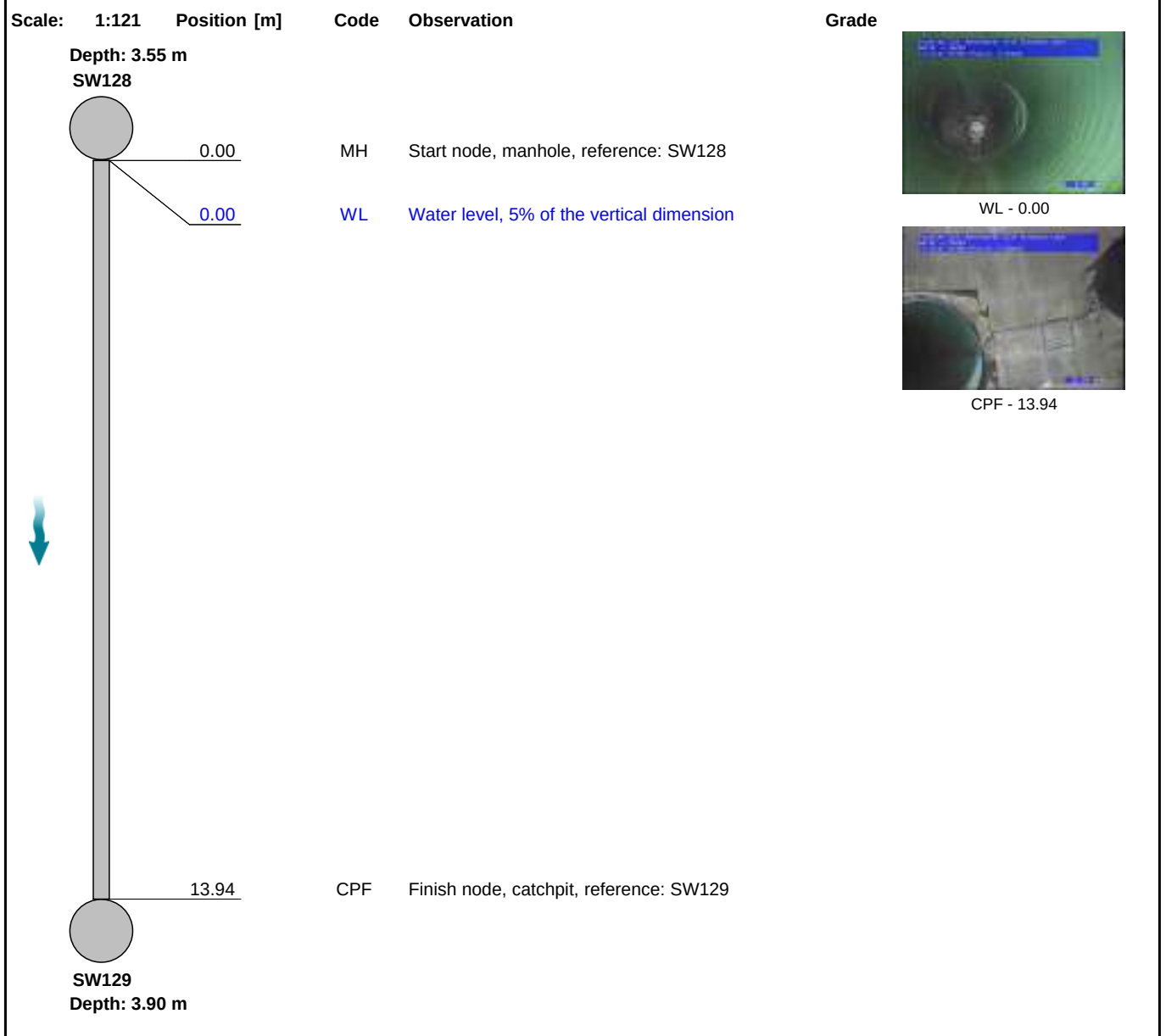


Item No. 38	Insp. No. 1	Date: 04/07/24	Time: 13:35	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW128X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW128
Road:	Grimshaw Lane	Inspected Length:	13.94 m	Upstream Pipe Depth:	3.55
Post Code:	M40 2BA	Total Length:	13.94 m	Downstream Node:	SW129
Surface Type:	Asphalt Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	3.90
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	675 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 04/07/2024 - SW128X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
38	Downstream	SW128X	38	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:51, 13.94 m
Finish node, catchpit, reference: SW129



Section Inspection - 04/07/2024 - SW132X

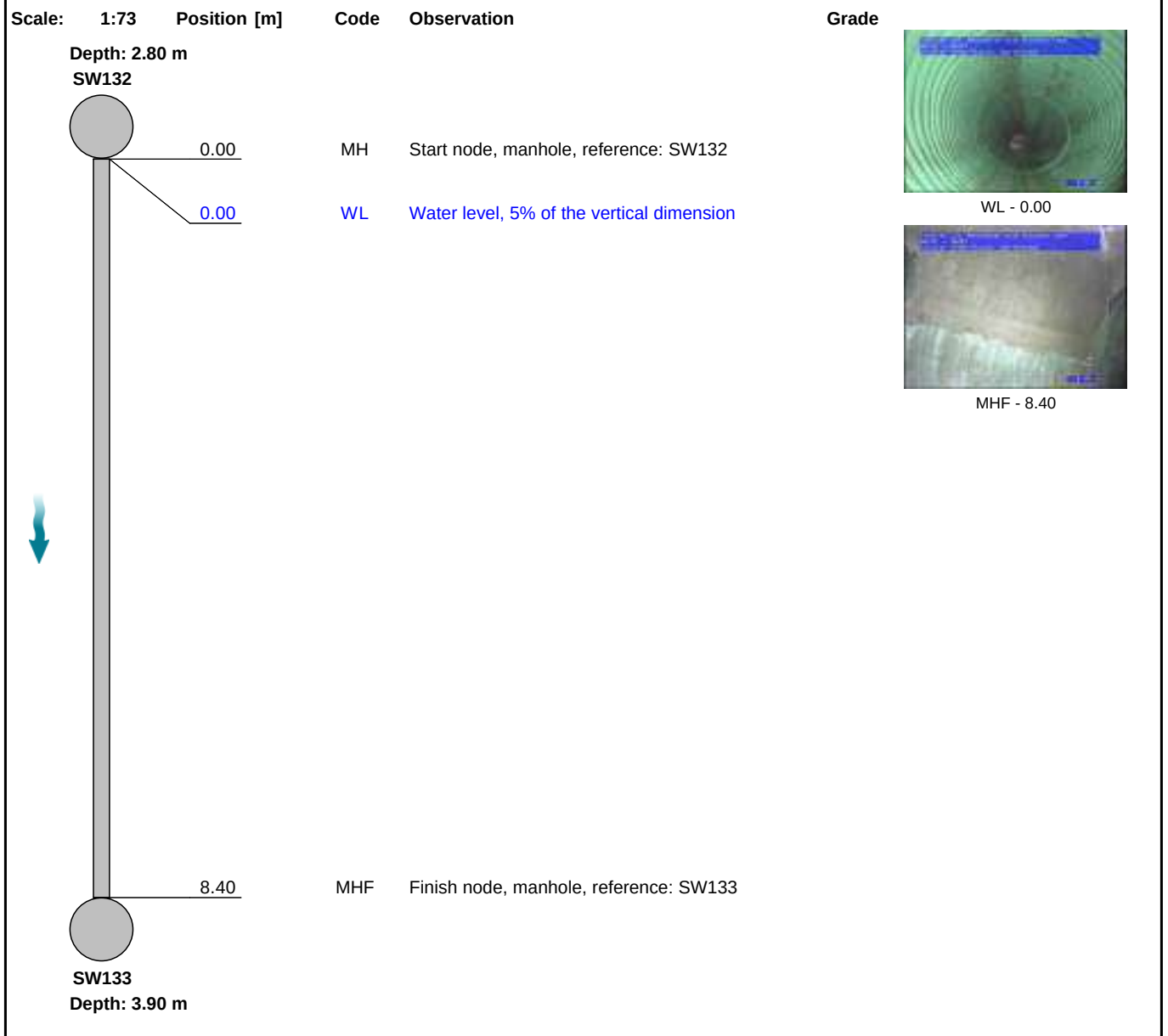


Item No. 39	Insp. No. 1	Date: 04/07/24	Time: 13:15	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW132X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW132
Road:	Grimshaw Lane	Inspected Length:	8.40 m	Upstream Pipe Depth:	2.80
Post Code:	M40 2BA	Total Length:	8.40 m	Downstream Node:	SW133
Surface Type:	Concrete Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	3.90
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	375 mm		
Asset Owner:	Private	Asset Material:	Plastic (perforated)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

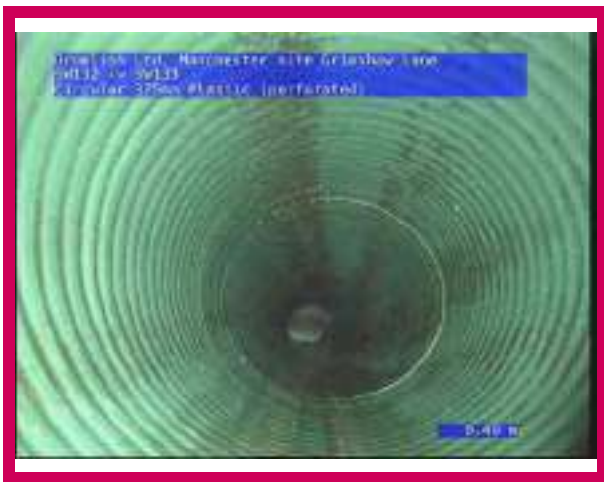
Service & Operational Observations

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 - 04/07/2024 - SW132X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
39	Downstream	SW132X	39	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:37, 8.40 m
Finish node, manhole, reference: SW133



Section Inspection - 04/07/2024 - SW131X

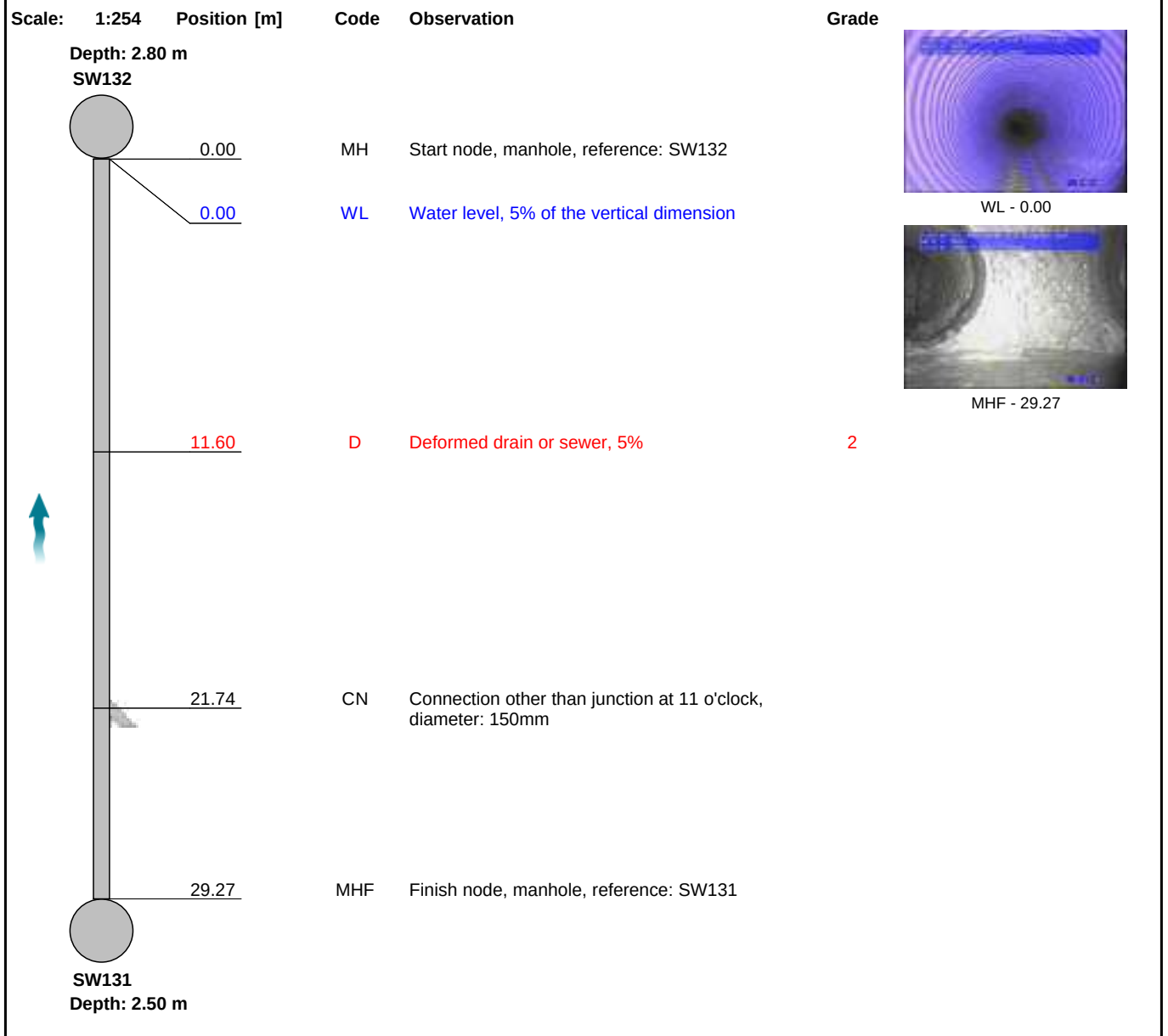


Item No. 40	Insp. No. 1	Date: 04/07/24	Time: 13:03	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW131X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW131
Road:	Grimshaw Lane	Inspected Length:	29.27 m	Upstream Pipe Depth:	2.50
Post Code:	M40 2BA	Total Length:	29.27 m	Downstream Node:	SW132
Surface Type:	Concrete Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	2.80
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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	20.0	0.7	20.0	2.0	0	0.0	0.0	0.0	1.0



Section Pictures - 04/07/2024 - SW131X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
40	Upstream	SW131X	40	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:02, 29.27 m
Finish node, manhole, reference: SW131



Section Inspection - 04/07/2024 - SW136X

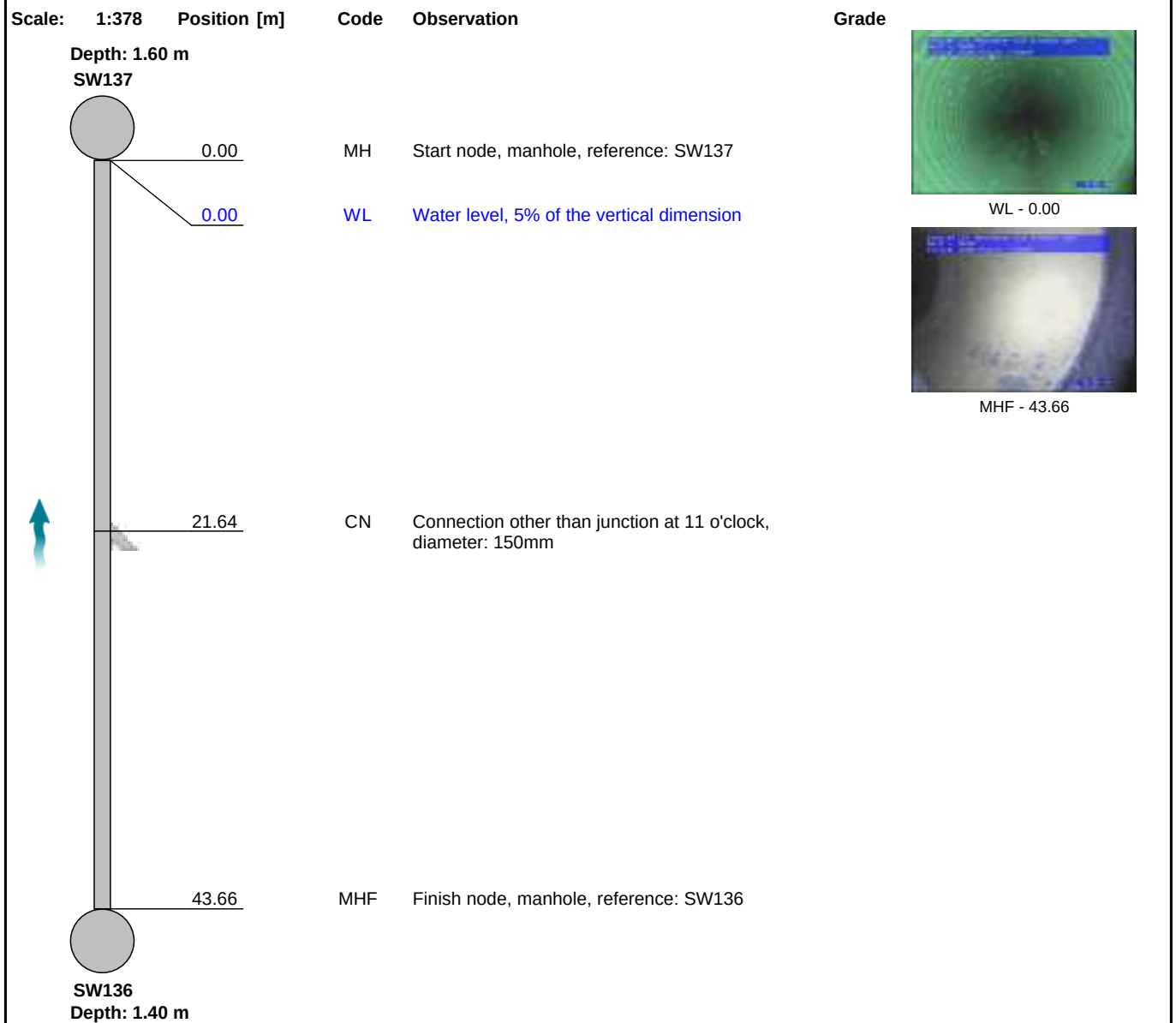


Item No. 41	Insp. No. 1	Date: 04/07/24	Time: 11:36	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW136X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW136
Road:	Grimshaw Lane	Inspected Length:	43.66 m	Upstream Pipe Depth:	1.40
Post Code:	M40 2BA	Total Length:	43.66 m	Downstream Node:	SW137
Surface Type:	Concrete Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	1.60
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

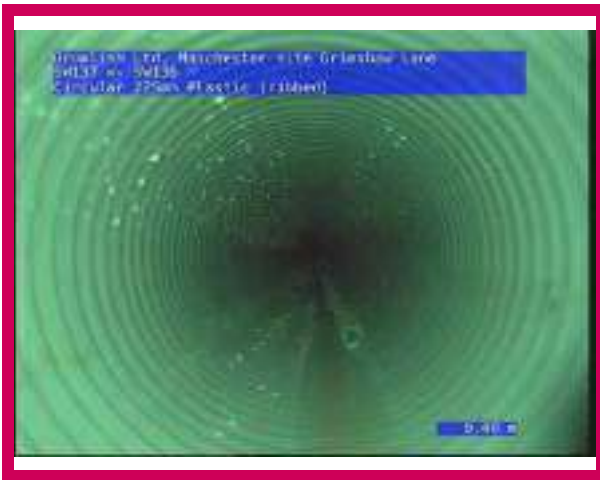
Service & Operational Observations

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 - 04/07/2024 - SW136X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
41	Upstream	SW136X	41	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:31, 43.66 m
Finish node, manhole, reference: SW136



Section Inspection - 03/07/2024 - SW110X

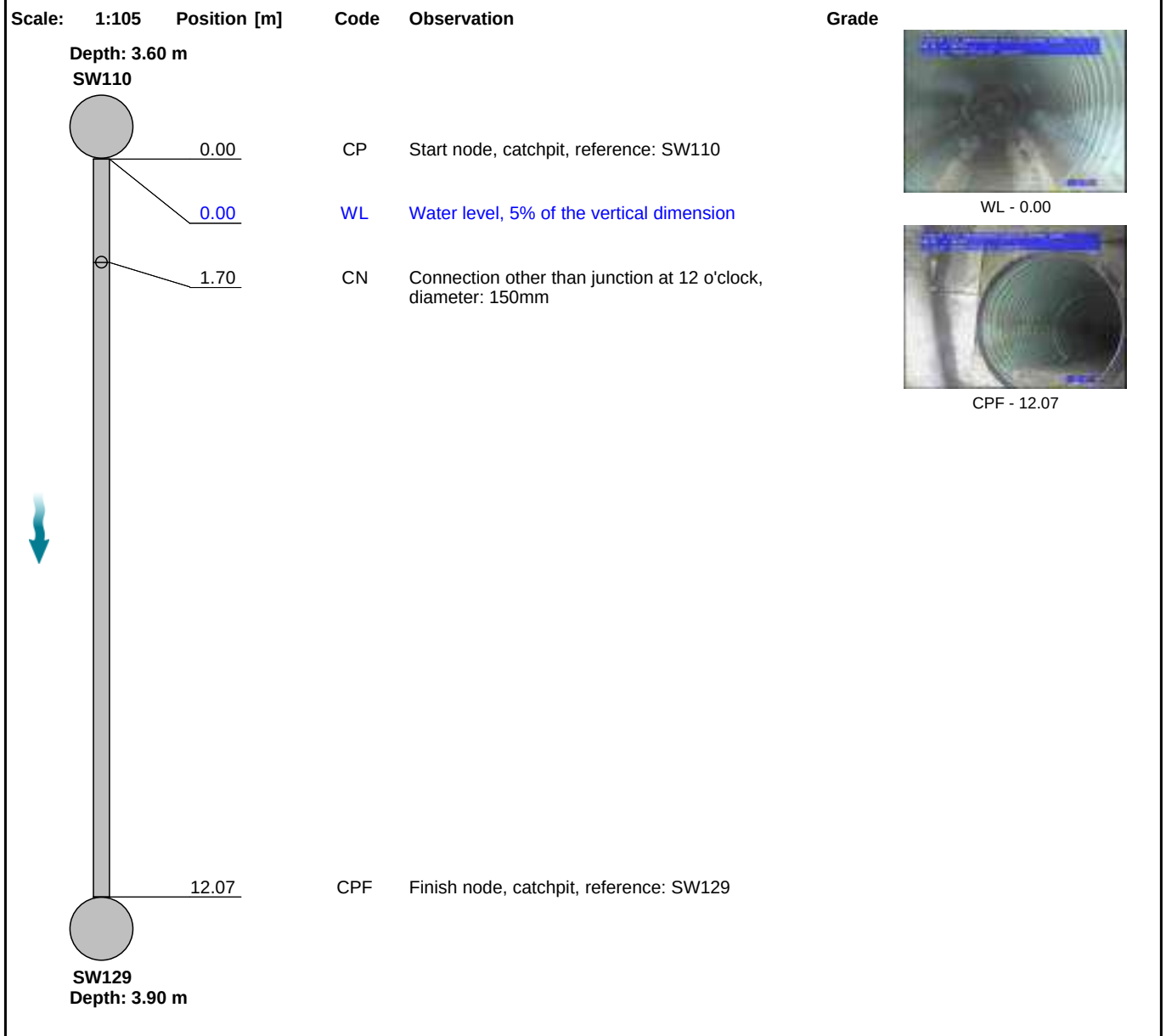


Item No. 42	Insp. No. 1	Date: 03/07/24	Time: 11:29	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW110X
Operator P. Turner		Asset Location: Property with buildings		Camera Large Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW110
Road:	Grimshaw Lane	Inspected Length:	12.07 m	Upstream Pipe Depth:	3.60
Post Code:	M40 2BA	Total Length:	12.07 m	Downstream Node:	SW129
Surface Type:	Asphalt Highway	Joint Length:	2.00 m	Downstream Pipe Depth:	3.90
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	600 mm		
Asset Owner:	Private	Asset Material:	Plastic (smooth)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 03/07/2024 - SW110X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
42	Downstream	SW110X	42	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:58, 12.07 m
Finish node, catchpit, reference: SW129



Section Inspection - 03/07/2024 - SW129X



Item No. 43	Insp. No. 1	Date: 03/07/24	Time: 9:46	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW129X
Operator P. Turner		Asset Location: Property with buildings		Camera Large Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW129
Road:	Grimshaw Lane	Inspected Length:	47.50 m	Upstream Pipe Depth:	3.90
Post Code:	M40 2BA	Total Length:	47.50 m	Downstream Node:	SW133
Surface Type:	Asphalt Highway	Joint Length:	2.00 m	Downstream Pipe Depth:	3.90
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	750 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:412	Position [m]	Code	Observation	Grade
<div> <div> <div>Depth: 3.90 m</div> <div>SW129</div> </div> <div> <div>Depth: 3.90 m</div> <div>SW133</div> </div> </div>				
0.00	CP	Start node, catchpit, reference: SW129		 WL - 0.00
0.00	WL	Water level, 5% of the vertical dimension		
2.64	CN	Connection other than junction at 11 o'clock, diameter: 150mm		
4.91	CN	Connection other than junction at 11 o'clock, diameter: 150mm		
12.13	CN	Connection other than junction at 10 o'clock, diameter: 150mm		
13.41	CN	Connection other than junction at 02 o'clock, diameter: 150mm		
28.65	CN	Connection other than junction at 02 o'clock, diameter: 150mm		
31.52	CN	Connection other than junction at 01 o'clock, diameter: 150mm		
47.50	MHF	Finish node, manhole, reference: SW133		 MHF - 47.50

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 Pictures - 03/07/2024 - SW129X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
43	Downstream	SW129X	43	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension

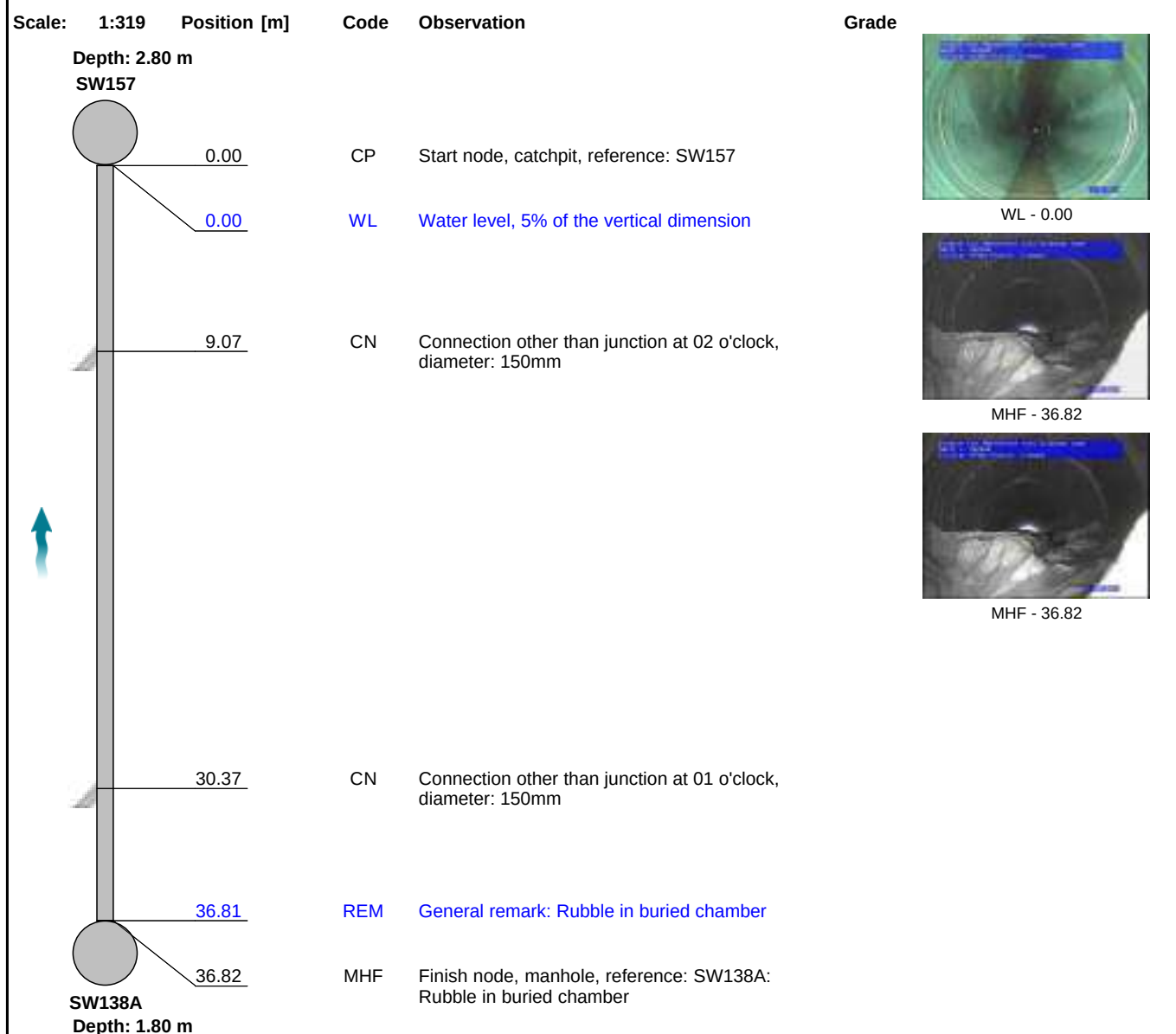


2, 00:04:00, 47.50 m
Finish node, manhole, reference: SW133

Section Inspection - 03/07/2024 - SW138AX

Item No. 44	Insp. No. 1	Date: 03/07/24	Time: 14:27	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW138AX
Operator P. Turner		Asset Location: Property with buildings		Camera Large Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW138A
Road:	Grimshaw Lane	Inspected Length:	36.82 m	Upstream Pipe Depth:	1.80
Post Code:	M40 2BA	Total Length:	36.82 m	Downstream Node:	SW157
Surface Type:	Asphalt Highway	Joint Length:	2.00 m	Downstream Pipe Depth:	2.80
Asset Use:	Surface waste		Asset Shape:	Circular	
Asset Type:	Gravity drain/sewer		Dia/Height:	600 mm	
Asset Owner:	Private		Asset Material:	Plastic (ribbed)	
Year Constructed:	Not Specified		Asset Lining Type:	No Lining	
Inspection Purpose:	Condition survey		Asset Lining Material:	No Lining	
Comments:	SW138A IS BURIED/ 600mm not 675mm				
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 - 03/07/2024 - SW138AX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
44	Upstream	SW138AX	44	LSO0381562



1, 00:01:01, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:45, 36.82 m
Finish node, manhole, reference: SW138A, Rubble in buried chamber



3, 00:02:45, 36.82 m
Finish node, manhole, reference: SW138A, Rubble in buried chamber



Section Inspection - 03/07/2024 - SW133X

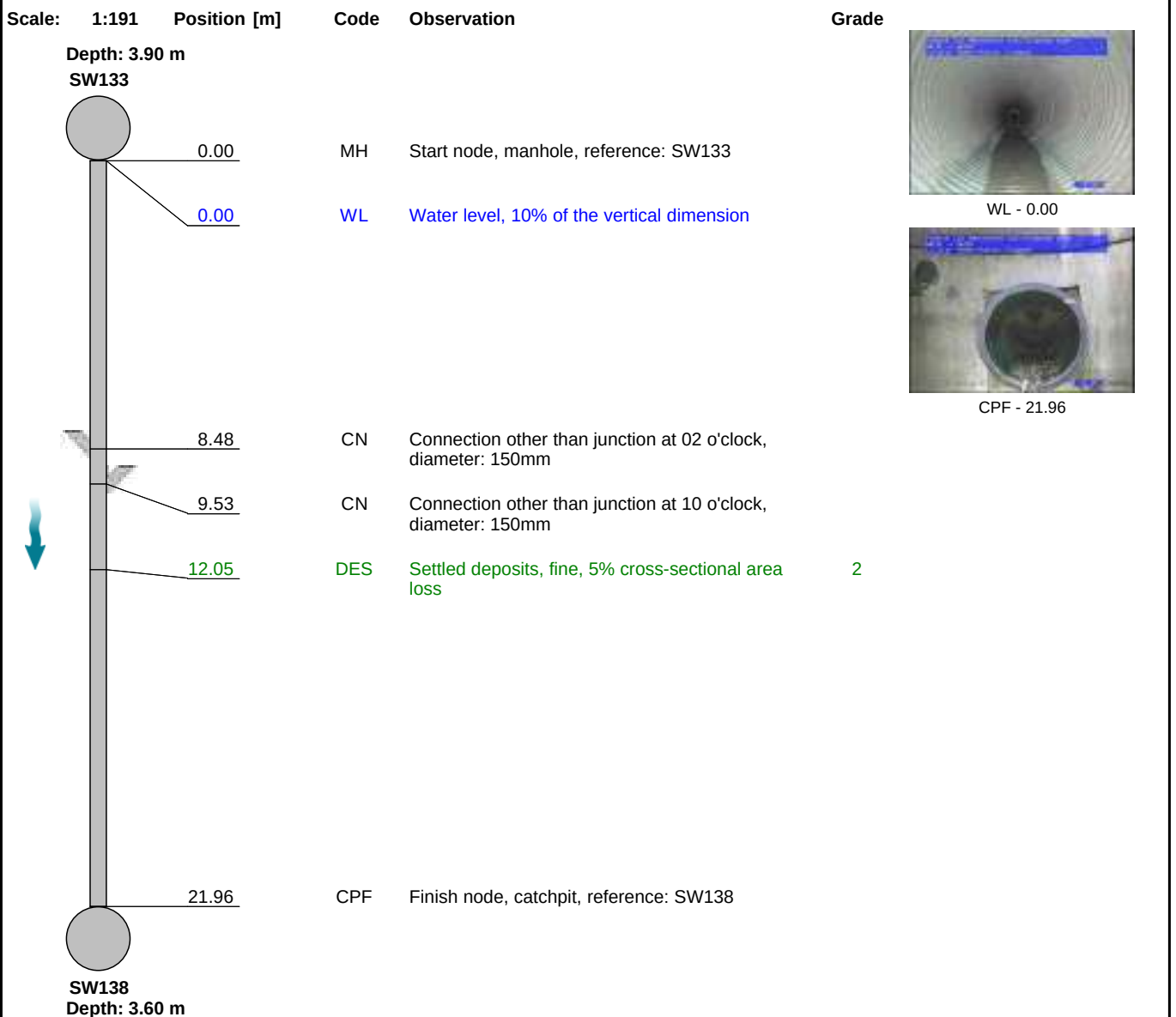


Item No. 45	Insp. No. 1	Date: 03/07/24	Time: 10:33	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW133X
Operator P. Turner		Asset Location: Property with buildings		Camera Large Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW133
Road:	Grimshaw Lane	Inspected Length:	21.96 m	Upstream Pipe Depth:	3.90
Post Code:	M40 2BA	Total Length:	21.96 m	Downstream Node:	SW138
Surface Type:	Asphalt Highway	Joint Length:	2.00 m	Downstream Pipe Depth:	3.60
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	750 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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	1	1.0	0.0	1.0	2.0



Section Pictures - 03/07/2024 - SW133X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
45	Downstream	SW133X	45	LSO0381562



1, 00:04:05, 0.00 m
Water level, 10% of the vertical dimension



2, 00:01:49, 21.96 m
Finish node, catchpit, reference: SW138



Section Inspection - 04/07/2024 - SW137X

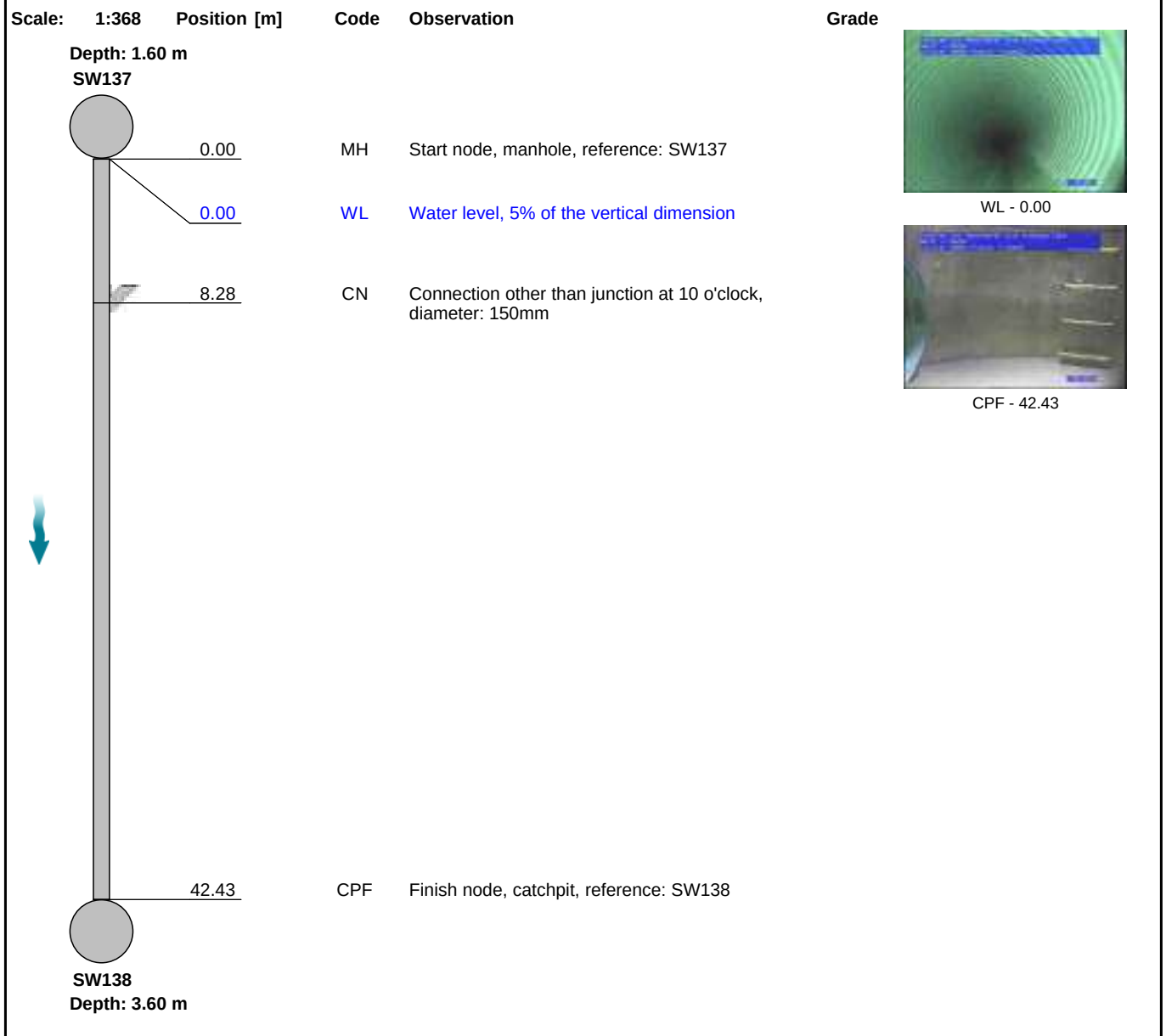


Item No. 46	Insp. No. 1	Date: 04/07/24	Time: 11:42	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW137X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW137
Road:	Grimshaw Lane	Inspected Length:	42.43 m	Upstream Pipe Depth:	1.60
Post Code:	M40 2BA	Total Length:	42.43 m	Downstream Node:	SW138
Surface Type:	Concrete Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	3.60
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

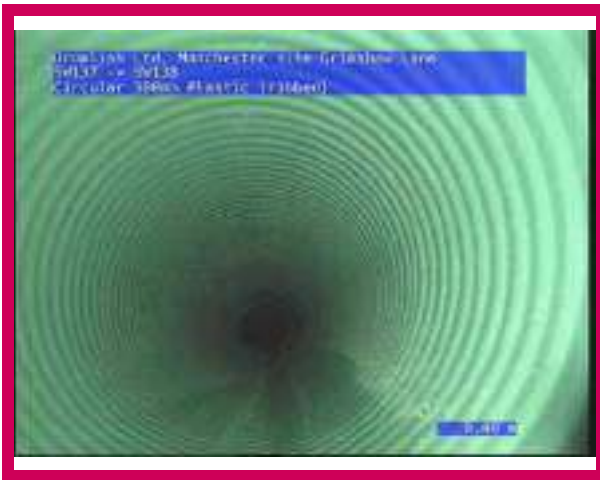
Service & Operational Observations

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 - 04/07/2024 - SW137X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
46	Downstream	SW137X	46	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:21, 42.43 m
Finish node, catchpit, reference: SW138



Section Inspection - 04/07/2024 - SW154X

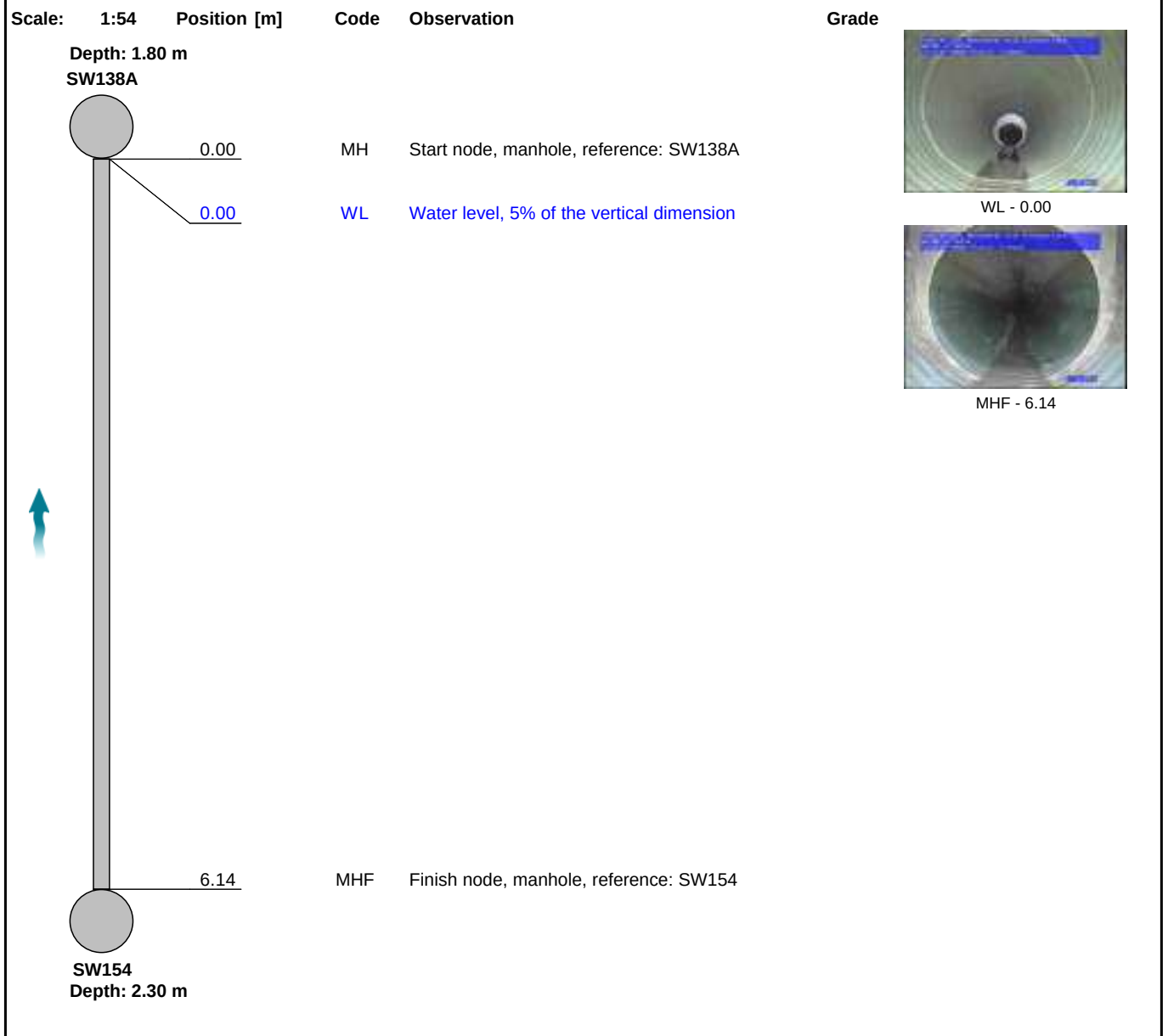


Item No. 47	Insp. No. 1	Date: 04/07/24	Time: 8:04	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW154X
Operator P. Turner		Asset Location: Property with buildings		Camera Large Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW154
Road:	Grimshaw Lane	Inspected Length:	6.14 m	Upstream Pipe Depth:	2.30
Post Code:	M40 2BA	Total Length:	6.14 m	Downstream Node:	SW138A
Surface Type:	Asphalt Highway	Joint Length:	2.00 m	Downstream Pipe Depth:	1.80
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	600 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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

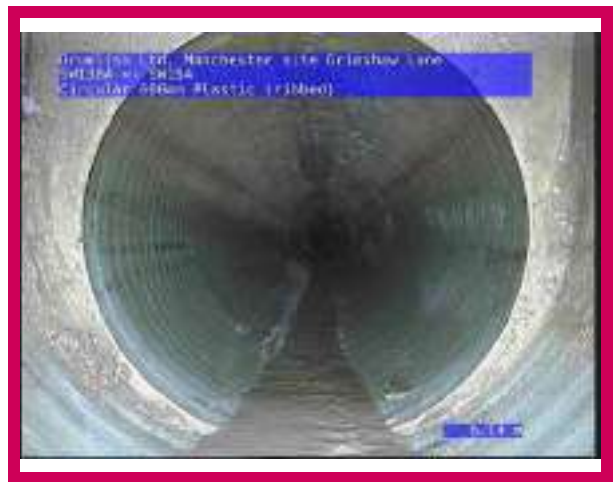


Section Pictures - 04/07/2024 - SW154X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
47	Upstream	SW154X	47	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:44, 6.14 m
Finish node, manhole, reference: SW154



Section Inspection - 04/07/2024 - SW115X

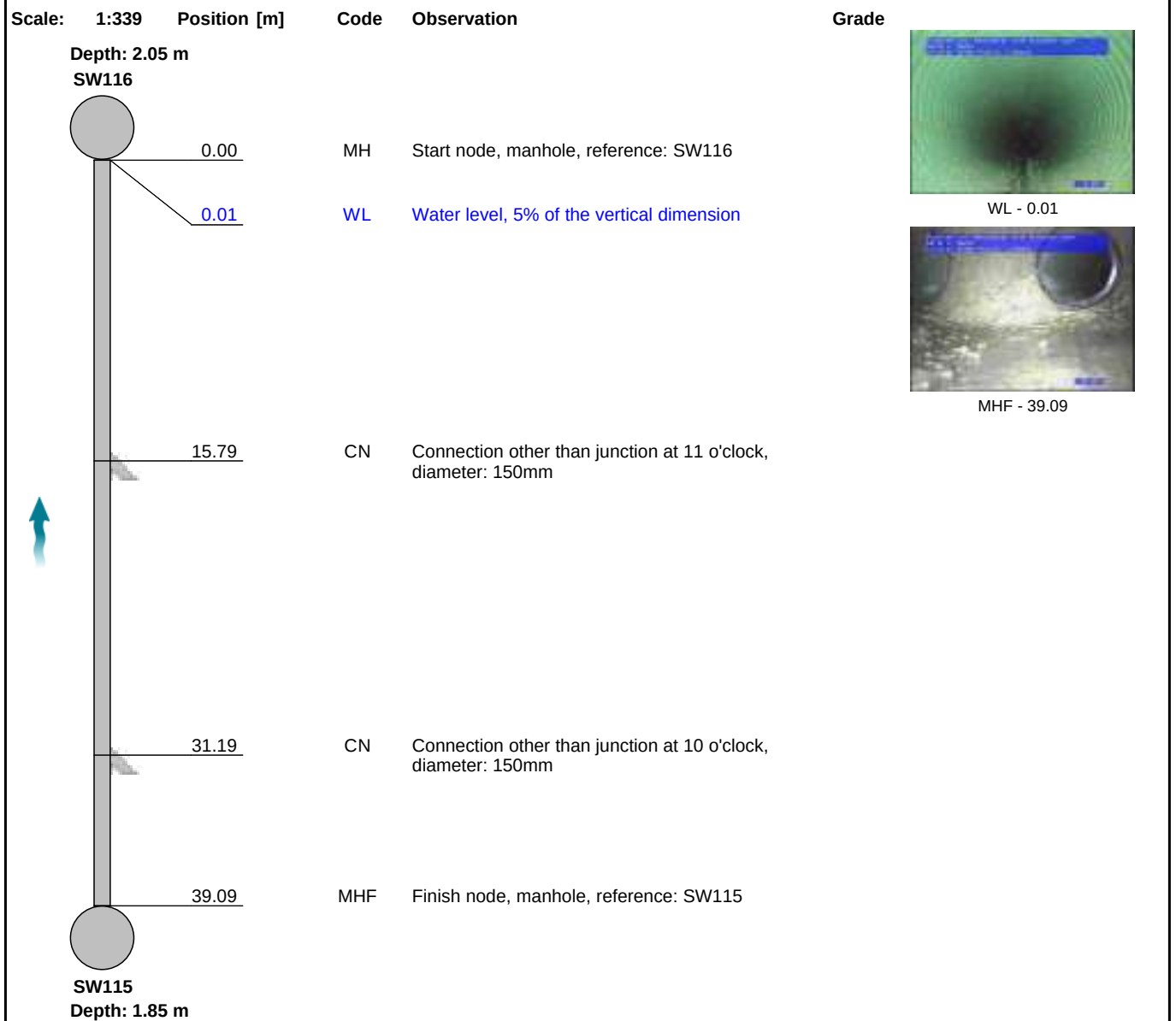


Item No. 48	Insp. No. 1	Date: 04/07/24	Time: 10:06	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW115X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW115
Road:	Grimshaw Lane	Inspected Length:	39.09 m	Upstream Pipe Depth:	1.85
Post Code:	M40 2BA	Total Length:	39.09 m	Downstream Node:	SW116
Surface Type:	Block Paved	Joint Length:	2.00 m	Downstream Pipe Depth:	2.05
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	375 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 04/07/2024 - SW115X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
48	Upstream	SW115X	48	LSO0381562



1, 00:00:00, 0.01 m
Water level, 5% of the vertical dimension



2, 00:02:11, 39.09 m
Finish node, manhole, reference: SW115



Section Inspection - 04/07/2024 - SW138X

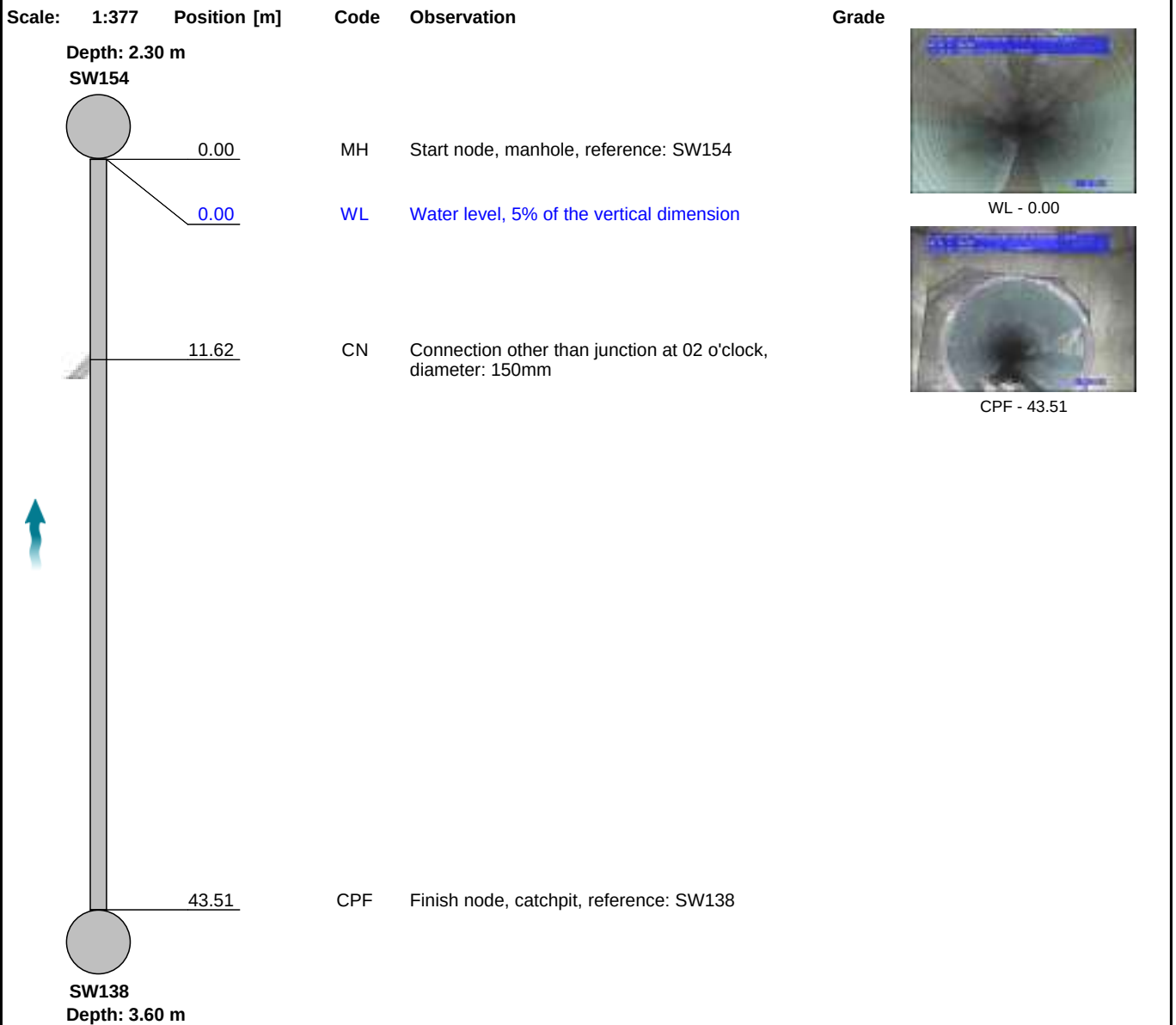


Item No. 49	Insp. No. 1	Date: 04/07/24	Time: 8:05	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW138X
Operator P. Turner		Asset Location: Property with buildings		Camera Large Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW138
Road:	Grimshaw Lane	Inspected Length:	43.51 m	Upstream Pipe Depth:	3.60
Post Code:	M40 2BA	Total Length:	43.51 m	Downstream Node:	SW154
Surface Type:	Asphalt Highway	Joint Length:	2.00 m	Downstream Pipe Depth:	2.30
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	600 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 04/07/2024 - SW138X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
49	Upstream	SW138X	49	LSO0381562



1, 00:00:48, 0.00 m
Water level, 5% of the vertical dimension



2, 00:03:10, 43.51 m
Finish node, catchpit, reference: SW138



Section Inspection - 04/07/2024 - SW118X

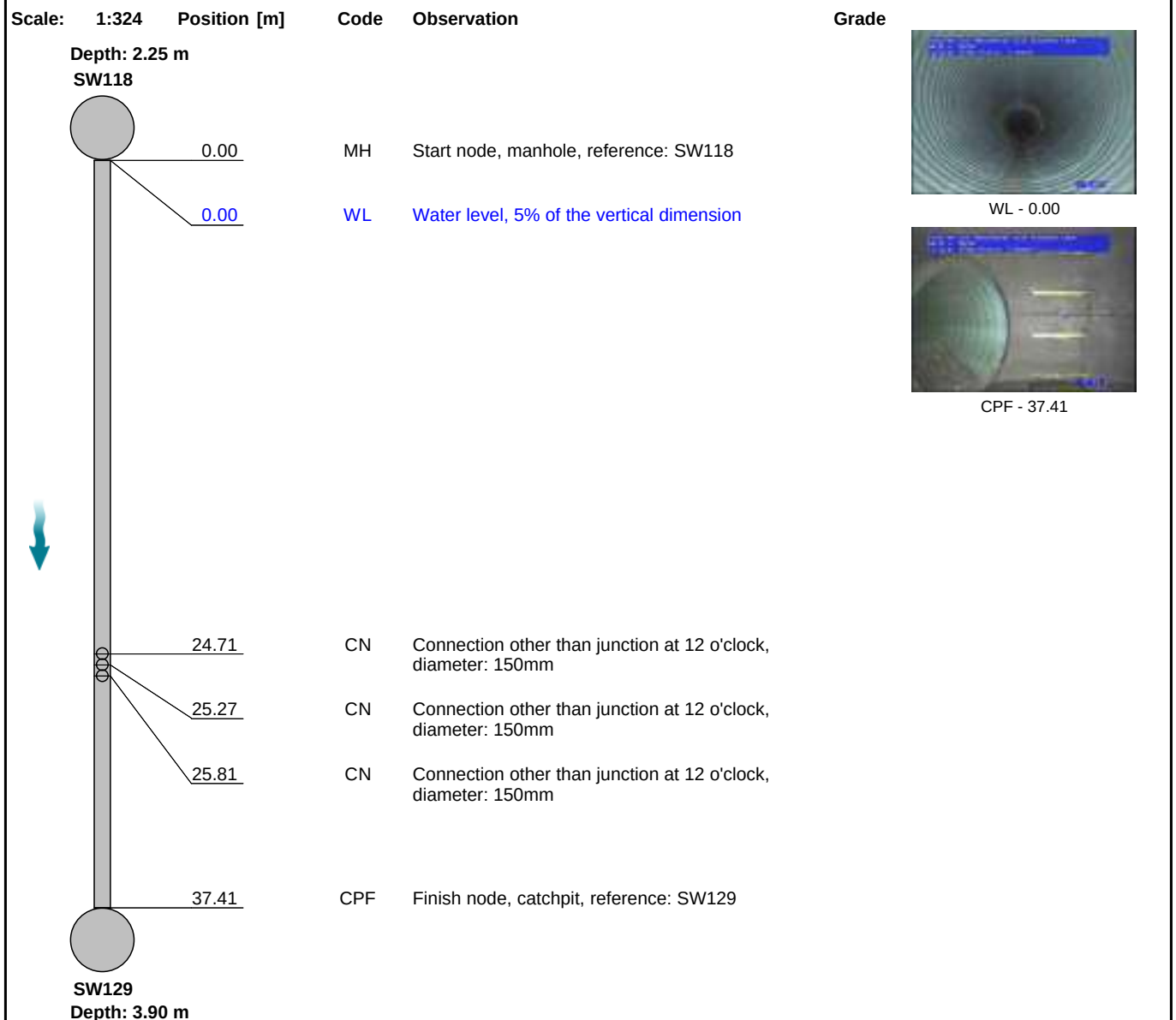


Item No. 50	Insp. No. 1	Date: 04/07/24	Time: 9:30	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW118X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW118
Road:	Grimshaw Lane	Inspected Length:	37.41 m	Upstream Pipe Depth:	2.25
Post Code:	M40 2BA	Total Length:	37.41 m	Downstream Node:	SW129
Surface Type:	Block Paved	Joint Length:	2.00 m	Downstream Pipe Depth:	3.90
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	375 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 04/07/2024 - SW118X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
50	Downstream	SW118X	50	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:29, 37.41 m
Finish node, catchpit, reference: SW129



Section Inspection - 04/07/2024 - SW126X



Item No. 51	Insp. No. 1	Date: 04/07/24	Time: 13:42	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW126X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW126
Road:	Grimshaw Lane	Inspected Length:	3.68 m	Upstream Pipe Depth:	2.95
Post Code:	M40 2BA	Total Length:	3.68 m	Downstream Node:	SW127
Surface Type:	Asphalt Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	3.30
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	375 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 Pictures - 04/07/2024 - SW126X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
51	Upstream	SW126X	51	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:15, 3.68 m
Finish node, manhole, reference: SW126



Section Inspection - 04/07/2024 - SW116X

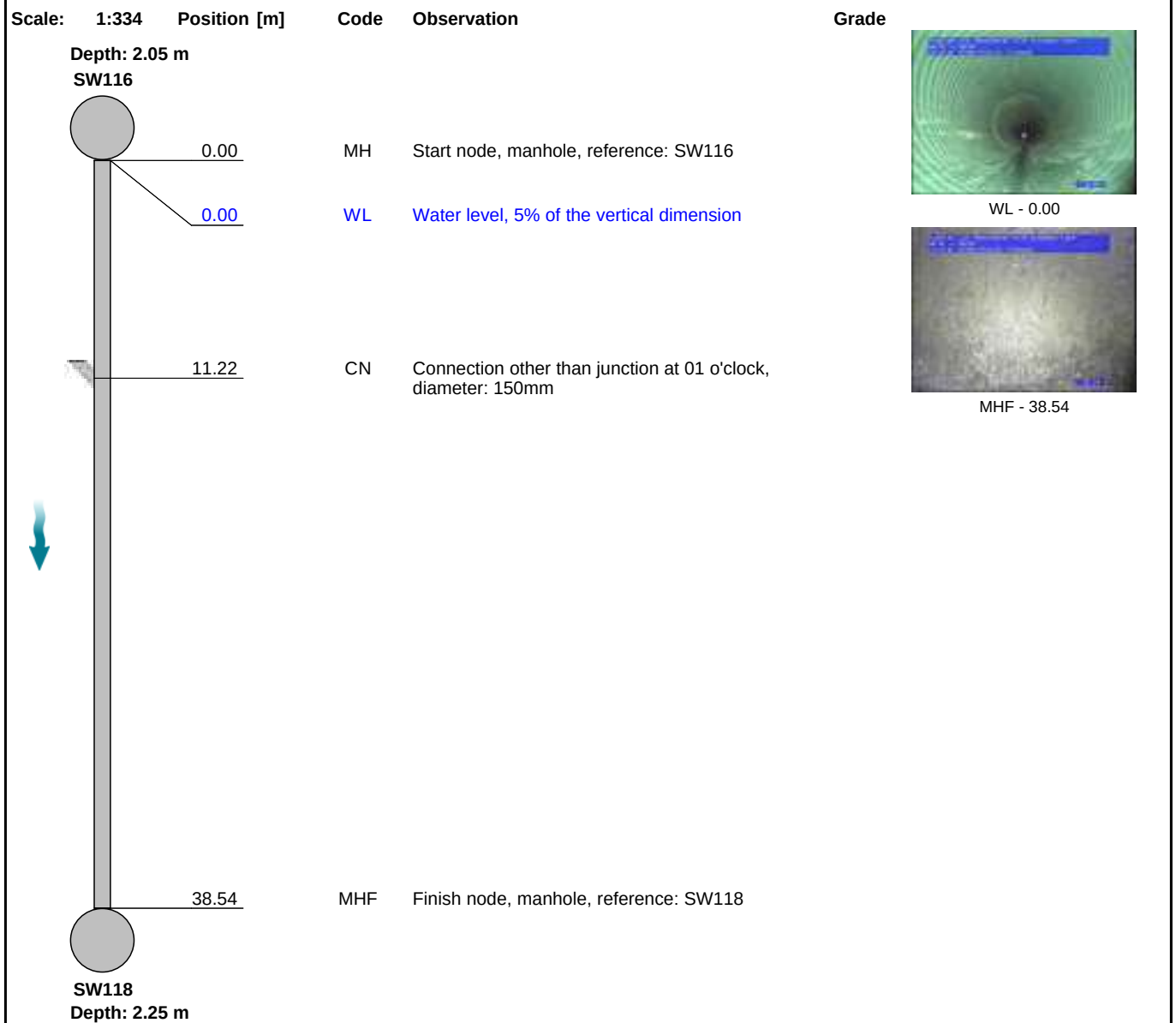


Item No. 52	Insp. No. 1	Date: 04/07/24	Time: 10:12	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW116X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW116
Road:	Grimshaw Lane	Inspected Length:	38.54 m	Upstream Pipe Depth:	2.05
Post Code:	M40 2BA	Total Length:	38.54 m	Downstream Node:	SW118
Surface Type:	Block Paved	Joint Length:	2.00 m	Downstream Pipe Depth:	2.25
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	375 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 04/07/2024 - SW116X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
52	Downstream	SW116X	52	LSO0381562



1, 00:02:31, 0.00 m
Water level, 5% of the vertical dimension



2, 00:01:57, 38.54 m
Finish node, manhole, reference: SW118

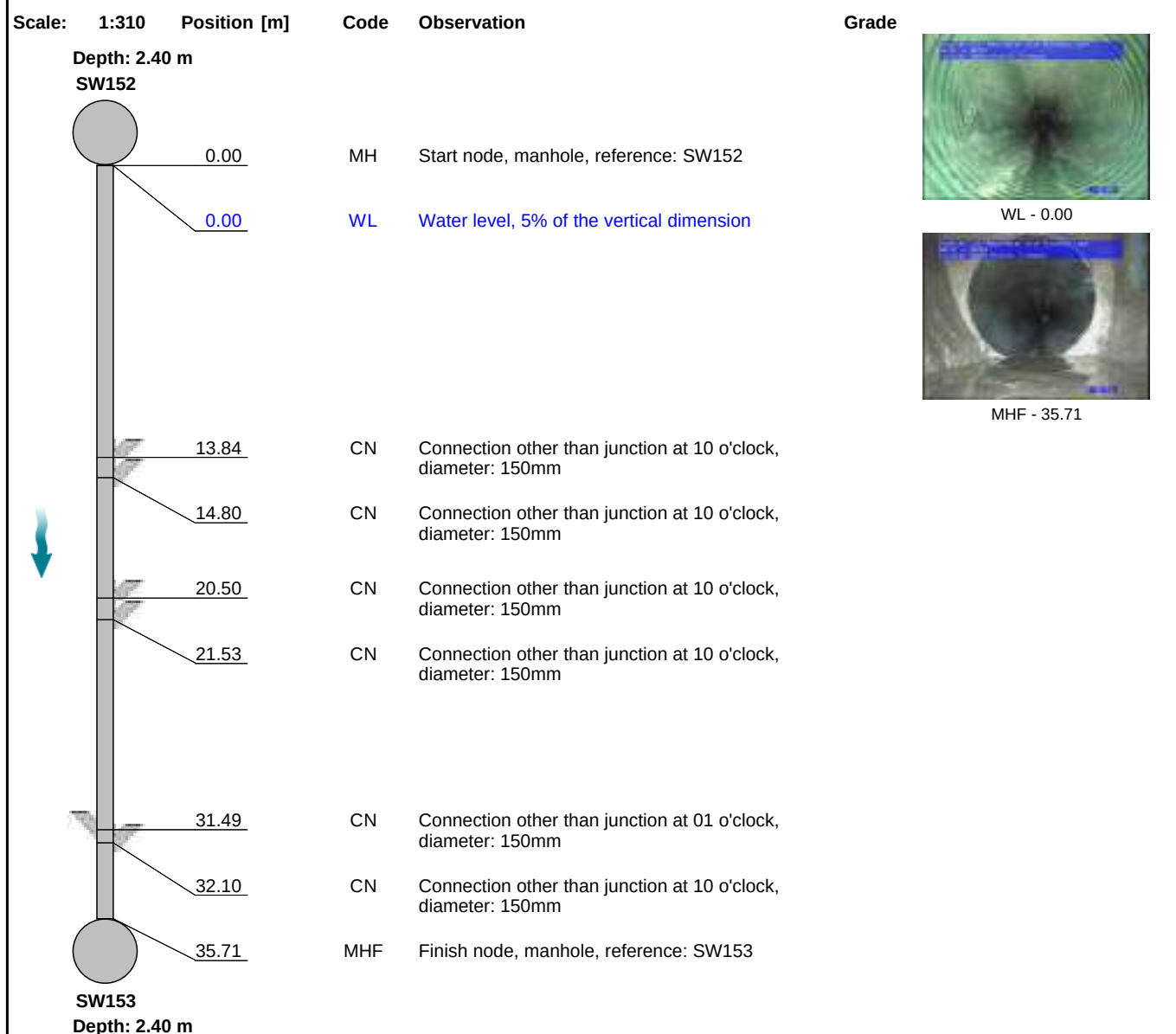
Section Inspection - 04/07/2024 - SW152X

Item No. 53	Insp. No. 1	Date: 04/07/24	Time: 15:21	Lanes Job Number LSO0381562	Weather Dry	Pre Cleaned Yes	PLR SW152X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	SW152
Road:	Grimshaw Lane	Inspected Length:	35.71 m	Upstream Pipe Depth:	2.40
Post Code:	M40 2BA	Total Length:	35.71 m	Downstream Node:	SW153
Surface Type:	Concrete Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	2.40
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 04/07/2024 - SW152X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
53	Downstream	SW152X	53	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:41, 35.71 m
Finish node, manhole, reference: SW153



Section Inspection - 04/07/2024 - SW114X

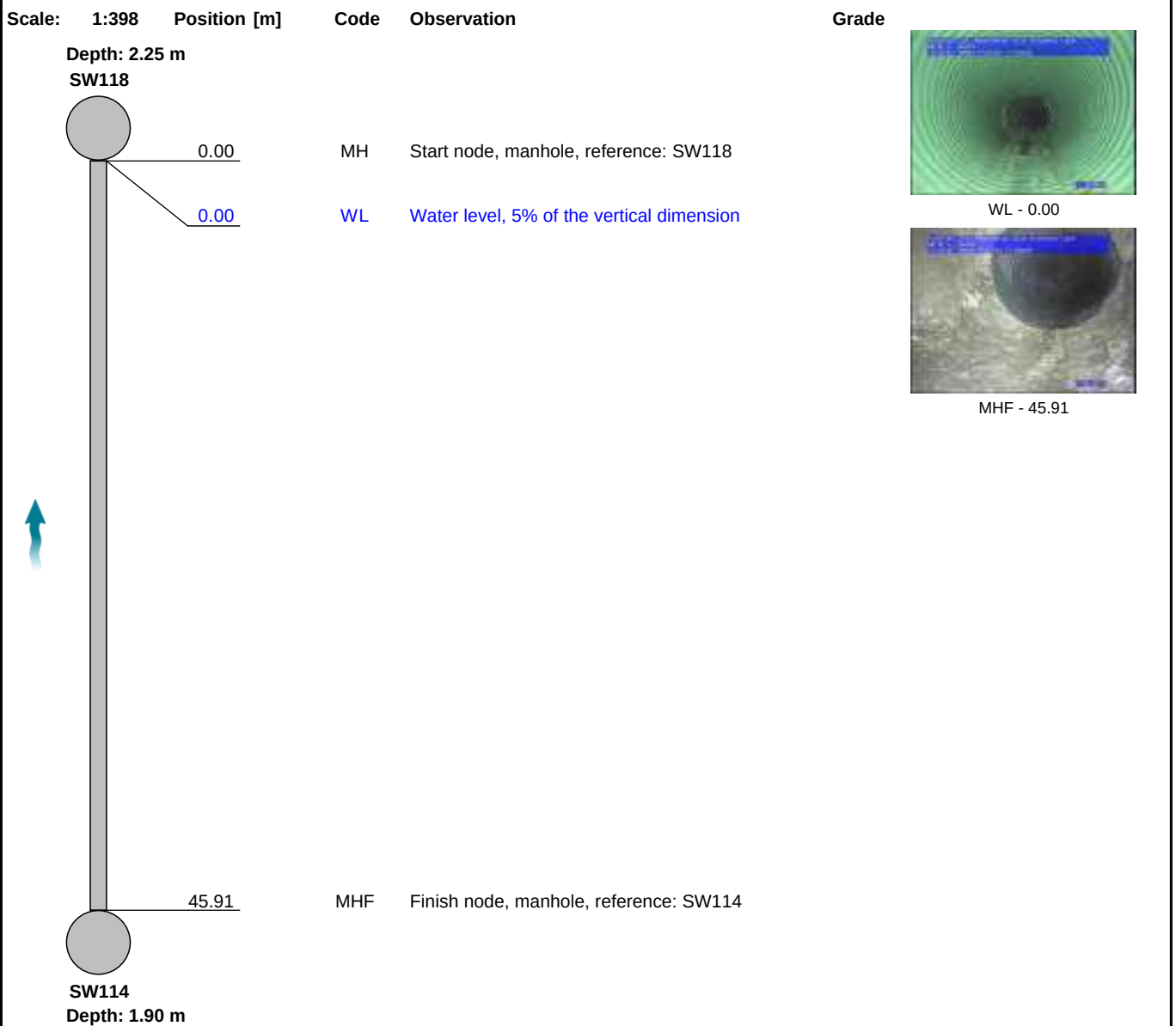


Item No. 54	Insp. No. 1	Date: 04/07/24	Time: 9:18	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW114X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW114
Road:	Grimshaw Lane	Inspected Length:	45.91 m	Upstream Pipe Depth:	1.90
Post Code:	M40 2BA	Total Length:	45.91 m	Downstream Node:	SW118
Surface Type:	Block Paved	Joint Length:	2.00 m	Downstream Pipe Depth:	2.25
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 04/07/2024 - SW114X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
54	Upstream	SW114X	54	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:13, 45.91 m
Finish node, manhole, reference: SW114



Section Inspection - 04/07/2024 - SW127X

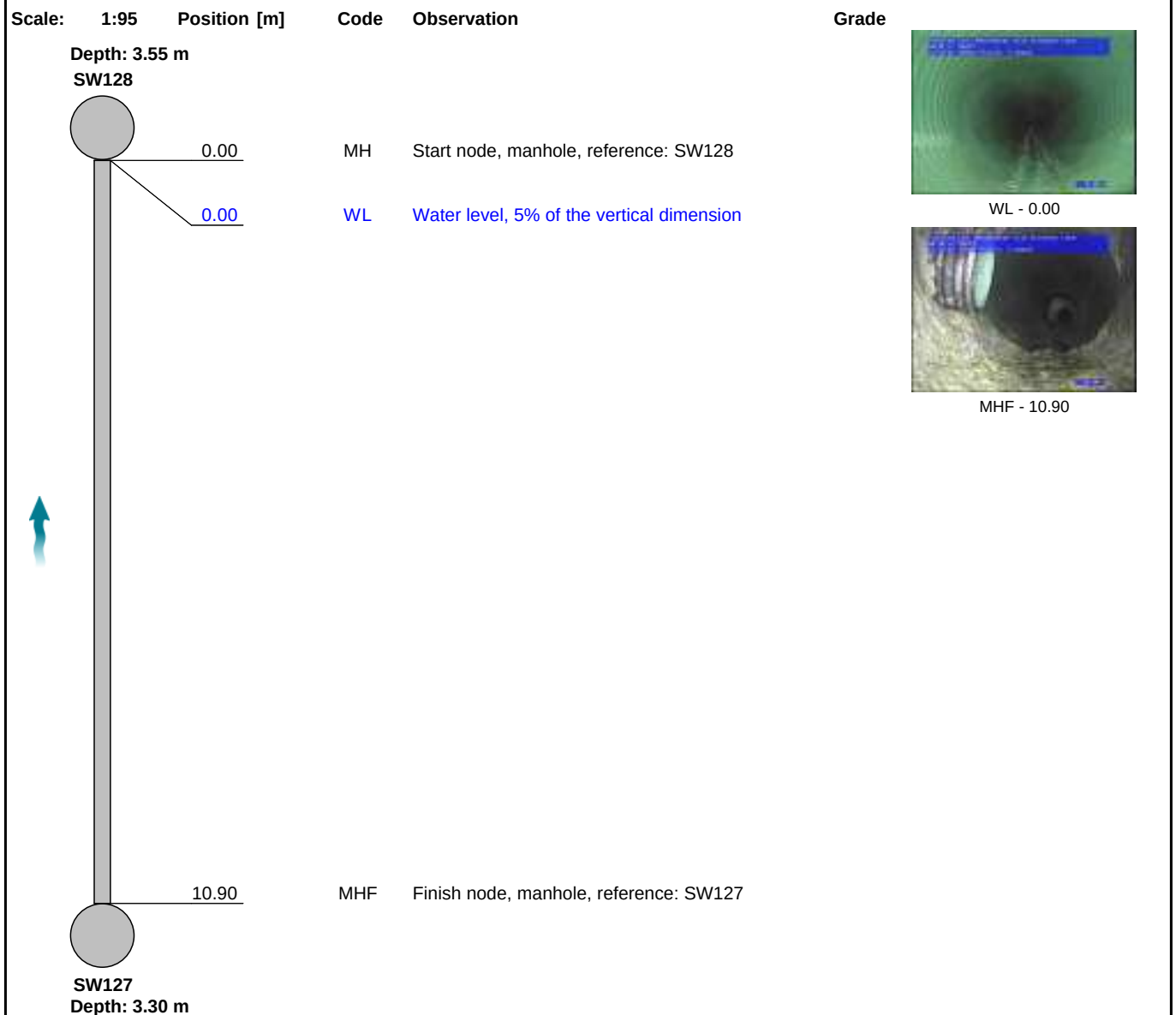


Item No. 55	Insp. No. 1	Date: 04/07/24	Time: 13:46	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW127X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW127
Road:	Grimshaw Lane	Inspected Length:	10.90 m	Upstream Pipe Depth:	3.30
Post Code:	M40 2BA	Total Length:	10.90 m	Downstream Node:	SW128
Surface Type:	Asphalt Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	3.55
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	450 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 04/07/2024 - SW127X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
55	Upstream	SW127X	55	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:00:44, 10.90 m
Finish node, manhole, reference: SW127



Section Inspection - 04/07/2024 - SW134X

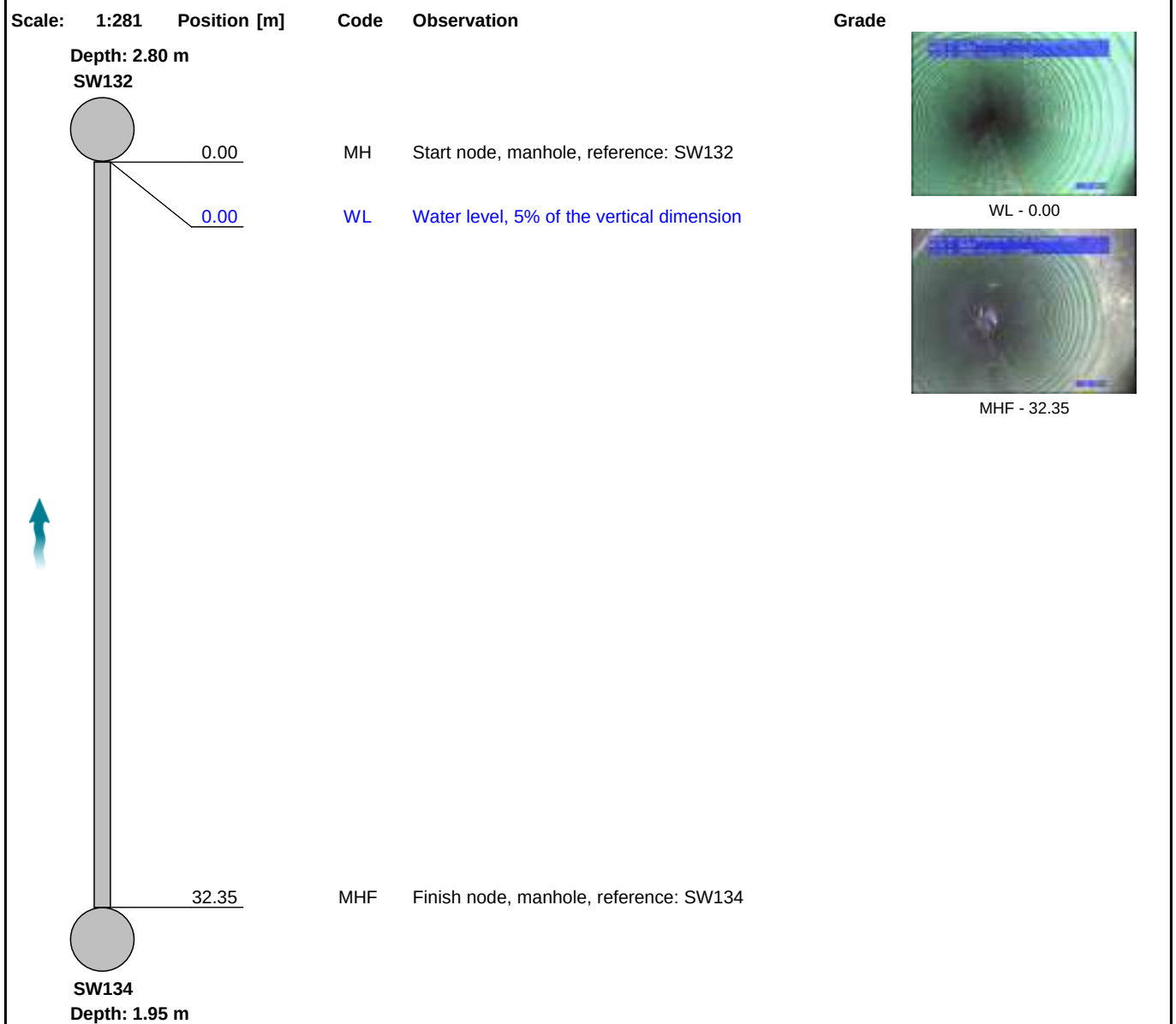


Item No. 56	Insp. No. 1	Date: 04/07/24	Time: 13:08	Lanes Job Number LSO0381562	Weather Light Rain	Pre Cleaned Yes	PLR SW134X
Operator P. Turner		Asset Location: Property with buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW134
Road:	Grimshaw Lane	Inspected Length:	32.35 m	Upstream Pipe Depth:	1.95
Post Code:	M40 2BA	Total Length:	32.35 m	Downstream Node:	SW132
Surface Type:	Concrete Footway	Joint Length:	2.00 m	Downstream Pipe Depth:	2.80
Asset Use:	Surface waste	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:	Private	Asset Material:	Plastic (ribbed)		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Condition survey	Asset 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 - 04/07/2024 - SW134X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
56	Upstream	SW134X	56	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:02:03, 32.35 m
Finish node, manhole, reference: SW134



Section Inspection - 24/06/2024 - UC01X

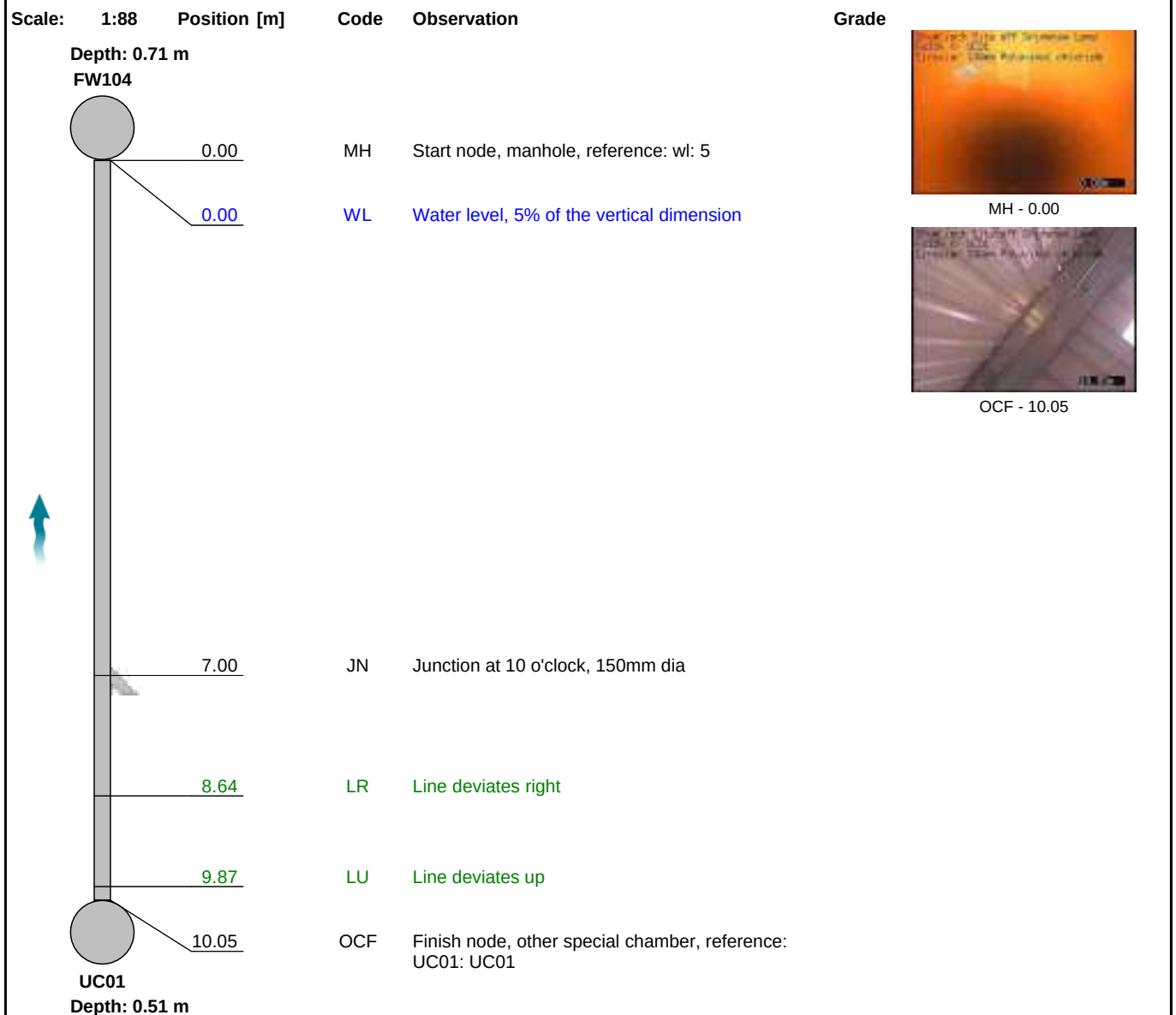


Item No. 57	Insp. No. 1	Date: 24/06/24	Time: 10:13	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC01X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC01
Road:	Grimshaw Lane	Inspected Length:	10.05 m	Upstream Pipe Depth:	0.51
Post Code:	M40 2BA	Total Length:	10.05 m	Downstream Node:	FW104
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.71
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 24/06/2024 - UC01X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
57	Upstream	UC01X	57	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: wl, 5



2, 00:01:09, 10.05 m
Finish node, other special chamber, reference: UC01, UC01



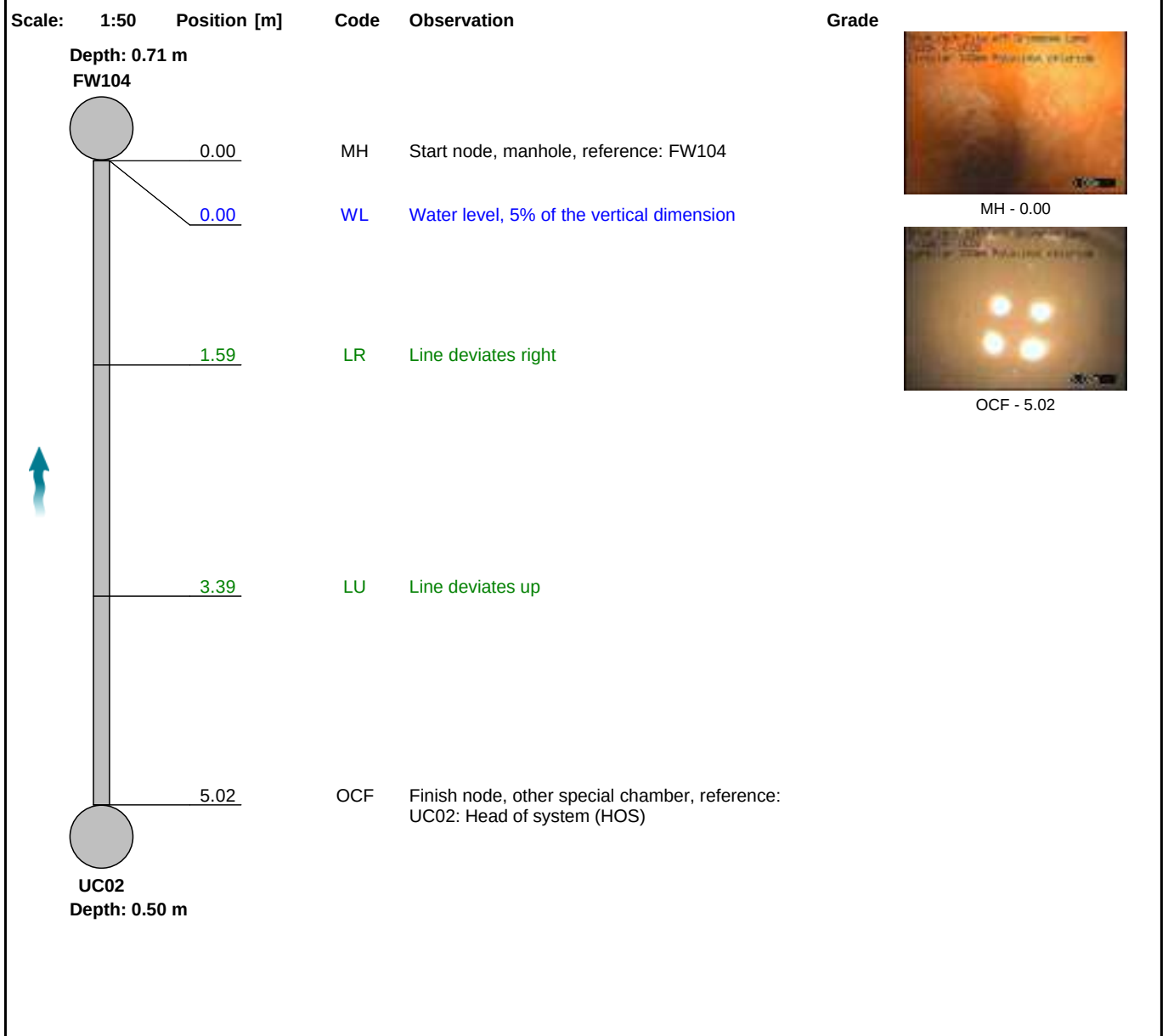
Section Inspection - 24/06/2024 - UC02X



Item No. 58	Insp. No. 1	Date: 24/06/24	Time: 10:16	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC02X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village: Manchester	Inspection Direction: Upstream	Upstream Node: UC02
Road: Grimshaw Lane	Inspected Length: 5.02 m	Upstream Pipe Depth: 0.50
Post Code: M40 2BA	Total Length: 5.02 m	Downstream Node: FW104
Surface Type:	Joint Length: 1.50 m	Downstream Pipe Depth: 0.71
Asset Use: Foul	Asset Shape: Circular	
Asset Type: Gravity drain/sewer	Dia/Height: 100 mm	
Asset Owner: Private	Asset Material: Polyvinyl chloride	
Year Constructed: Not Specified	Asset Lining Type: No Lining	
Inspection Purpose: Routine inspection	Asset 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 - 24/06/2024 - UC02X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
58	Upstream	UC02X	58	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW104



2, 00:00:39, 5.02 m
Finish node, other special chamber, reference: UC02, Head of system (HOS)

Section Inspection - 24/06/2024 - UC03X

Item No. 59	Insp. No. 1	Date: 24/06/24	Time: 10:19	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC03X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC03
Road:	Grimshaw Lane	Inspected Length:	3.34 m	Upstream Pipe Depth:	0.50
Post Code:	M40 2BA	Total Length:	3.34 m	Downstream Node:	FW104
Surface Type:		Joint Length:	1.00 m	Downstream Pipe Depth:	0.71
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

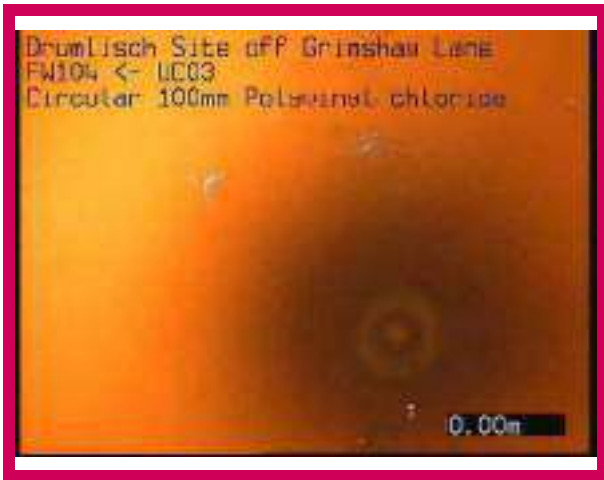


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 24/06/2024 - UC03X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
59	Upstream	UC03X	59	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW104



2, 00:00:23, 3.34 m
Finish node, other special chamber, reference: UC03, HOS



Section Inspection - 24/06/2024 - FW104X



Item No. 60	Insp. No. 1	Date: 24/06/24	Time: 10:21	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW104X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW104
Road:	Grimshaw Lane	Inspected Length:	1.59 m	Upstream Pipe Depth:	0.71
Post Code:	M40 2BA	Total Length:	1.59 m	Downstream Node:	FW103
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.72
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
		0.00	MH	Start node, manhole, reference: FW104	
		0.00	WL	Water level, 5% of the vertical dimension	
		1.59	MHF	Finish node, manhole, reference: FW103	
					MH - 0.00
					MHF - 1.59

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

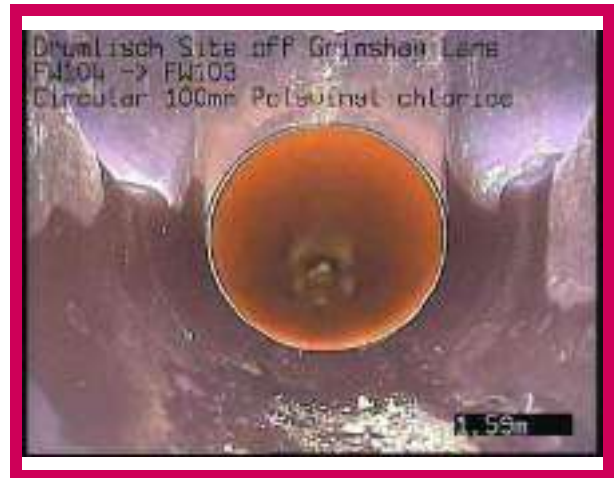


Section Pictures - 24/06/2024 - FW104X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
60	Downstream	FW104X	60	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW104



2, 00:00:14, 1.59 m
Finish node, manhole, reference: FW103



Section Inspection - 24/06/2024 - UC04X

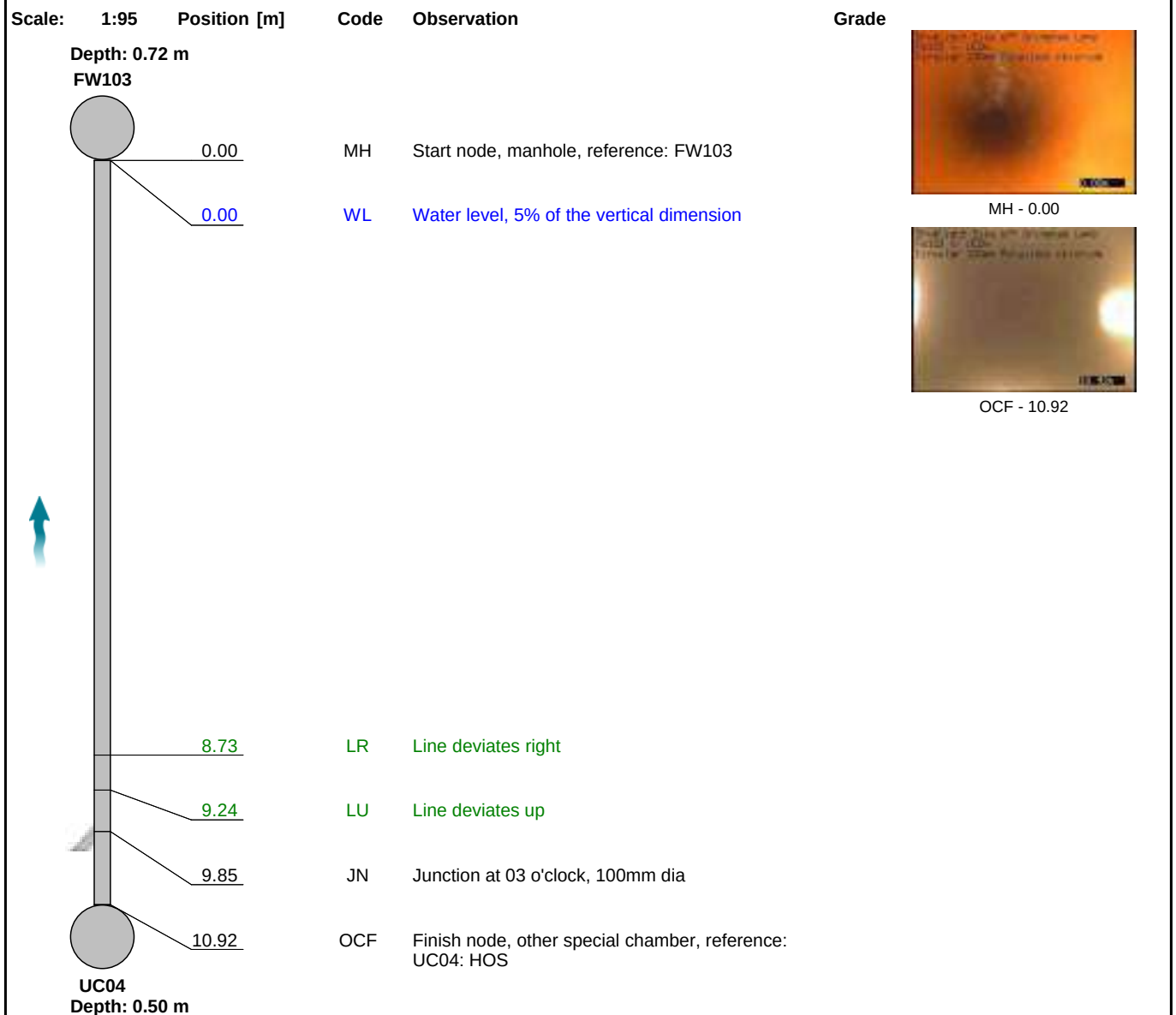


Item No. 61	Insp. No. 1	Date: 24/06/24	Time: 10:23	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC04X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC04
Road:	Grimshaw Lane	Inspected Length:	10.92 m	Upstream Pipe Depth:	0.50
Post Code:	M40 2BA	Total Length:	10.92 m	Downstream Node:	FW103
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.72
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 24/06/2024 - UC04X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
61	Upstream	UC04X	61	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW103



2, 00:00:58, 10.92 m
Finish node, other special chamber, reference: UC04, HOS



Section Inspection - 24/06/2024 - UC05X

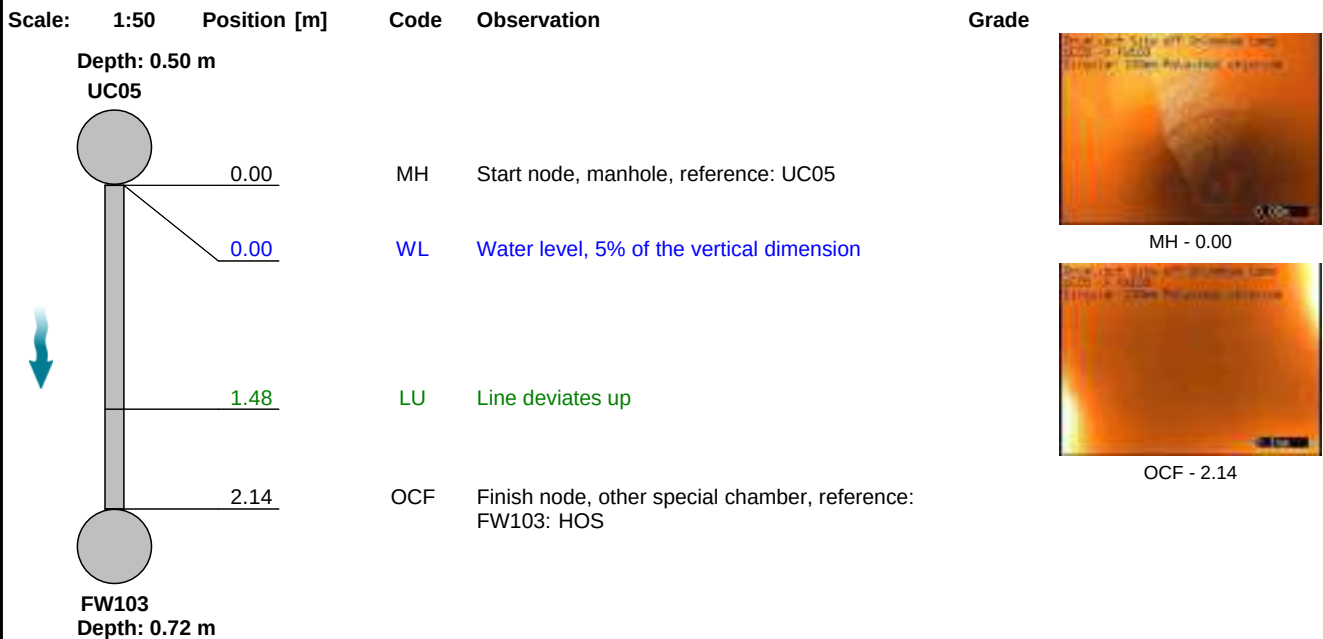


Item No. 62	Insp. No. 1	Date: 24/06/24	Time: 10:26	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC05X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	UC05
Road:	Grimshaw Lane	Inspected Length:	2.14 m	Upstream Pipe Depth:	0.50
Post Code:	M40 2BA	Total Length:	2.14 m	Downstream Node:	FW103
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.72
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 24/06/2024 - UC05X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
62	Downstream	UC05X	62	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: UC05



2, 00:00:26, 2.14 m
Finish node, other special chamber, reference: FW103, HOS



Section Inspection - 24/06/2024 - FW102X

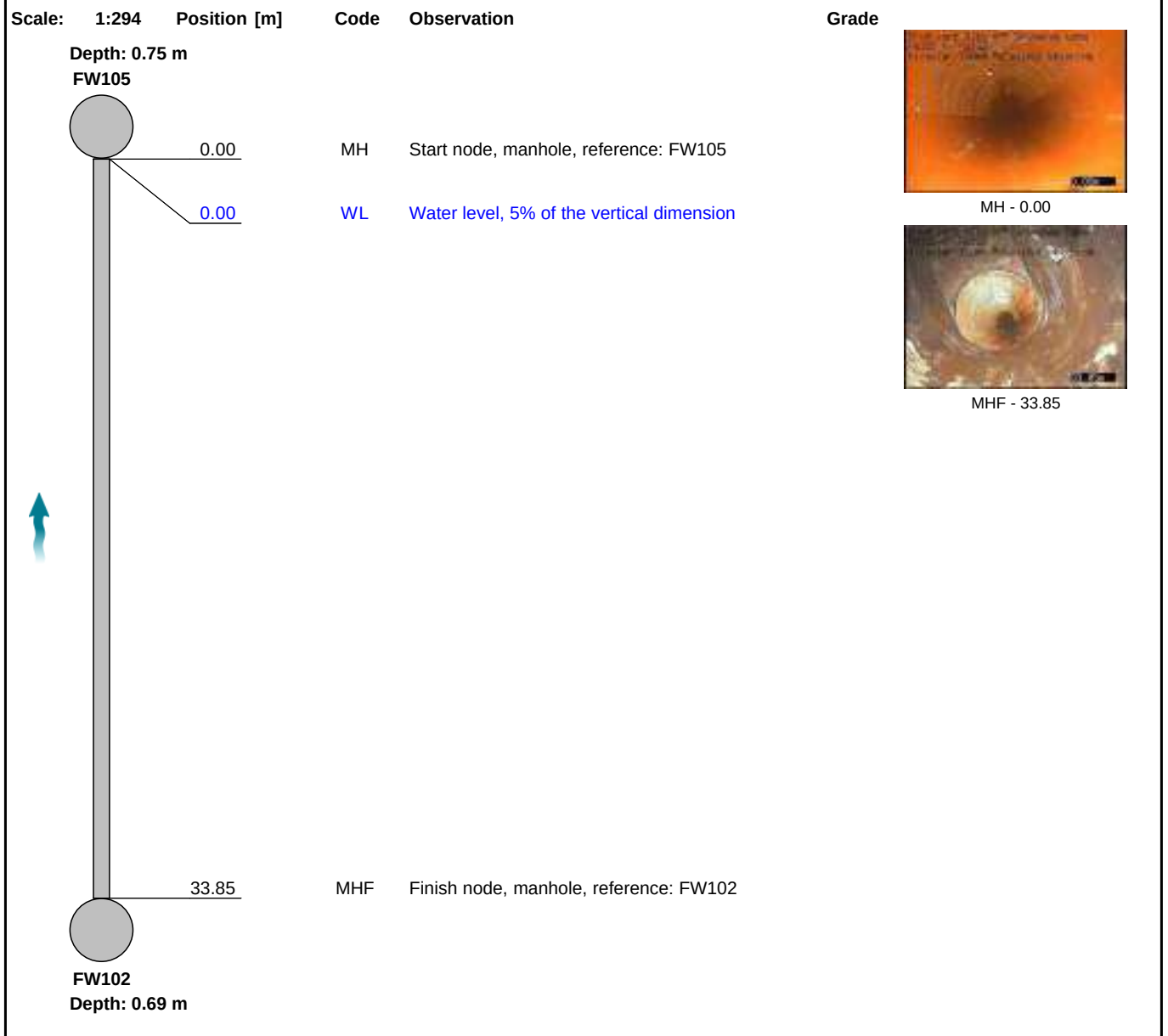


Item No. 64	Insp. No. 1	Date: 24/06/24	Time: 12:50	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW102X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW102
Road:	Grimshaw Lane	Inspected Length:	33.85 m	Upstream Pipe Depth:	0.69
Post Code:	M40 2BA	Total Length:	33.85 m	Downstream Node:	FW105
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.75
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 24/06/2024 - FW102X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
64	Upstream	FW102X	64	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW105



2, 00:03:03, 33.85 m
Finish node, manhole, reference: FW102



Section Inspection - 24/06/2024 - UC06X

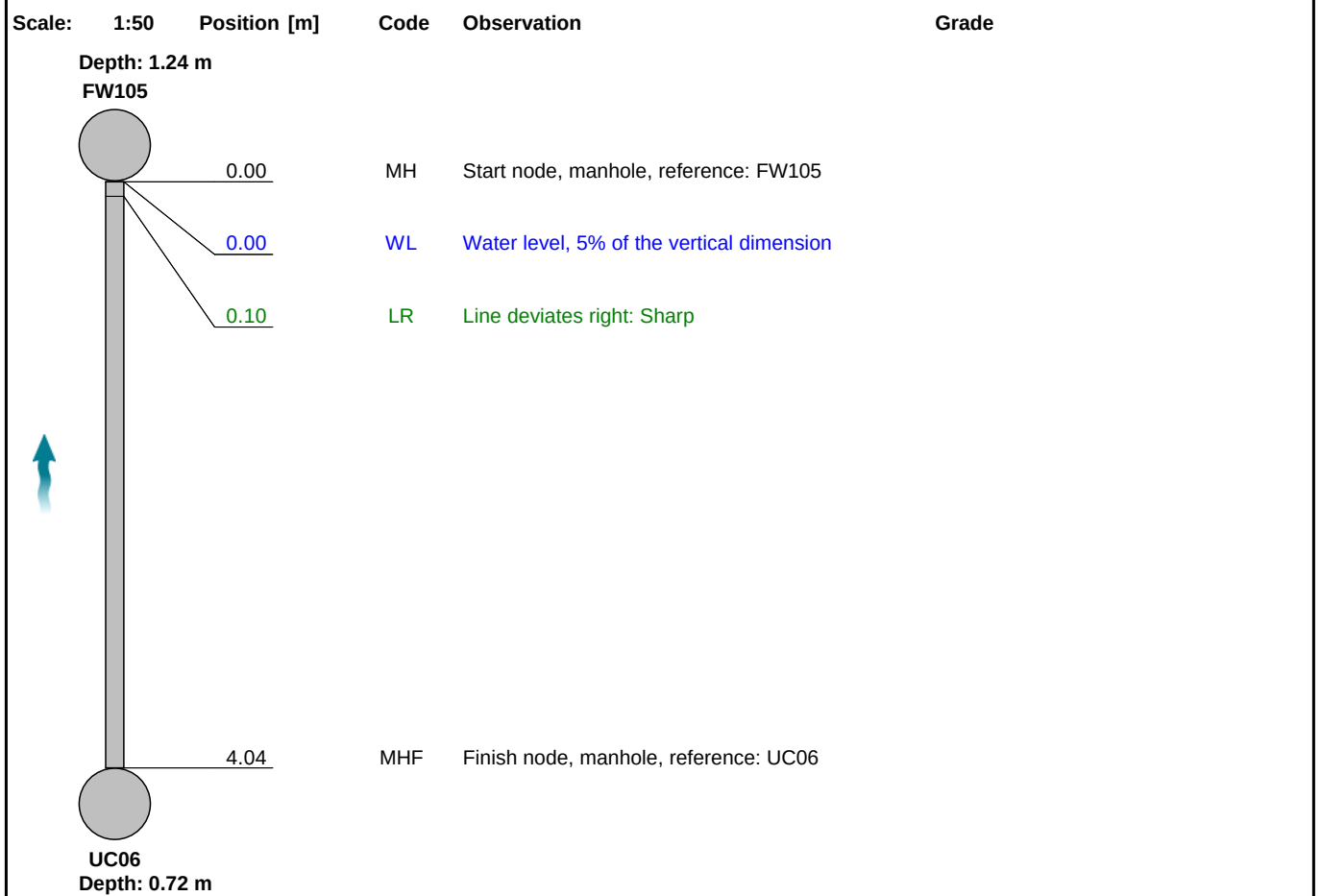


Item No. 65	Insp. No. 1	Date: 24/06/24	Time: 13:11	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC06X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC06
Road:	Grimshaw Lane	Inspected Length:	4.04 m	Upstream Pipe Depth:	0.72
Post Code:	M40 2BA	Total Length:	4.04 m	Downstream Node:	FW105
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.24

Asset Use:	Foul	Asset Shape:	Circular
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm
Asset Owner:	Private	Asset Material:	Polyvinyl chloride
Year Constructed:	Not Specified	Asset Lining Type:	No Lining
Inspection Purpose:	Routine inspection	Asset 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 - 24/06/2024 - FW103X

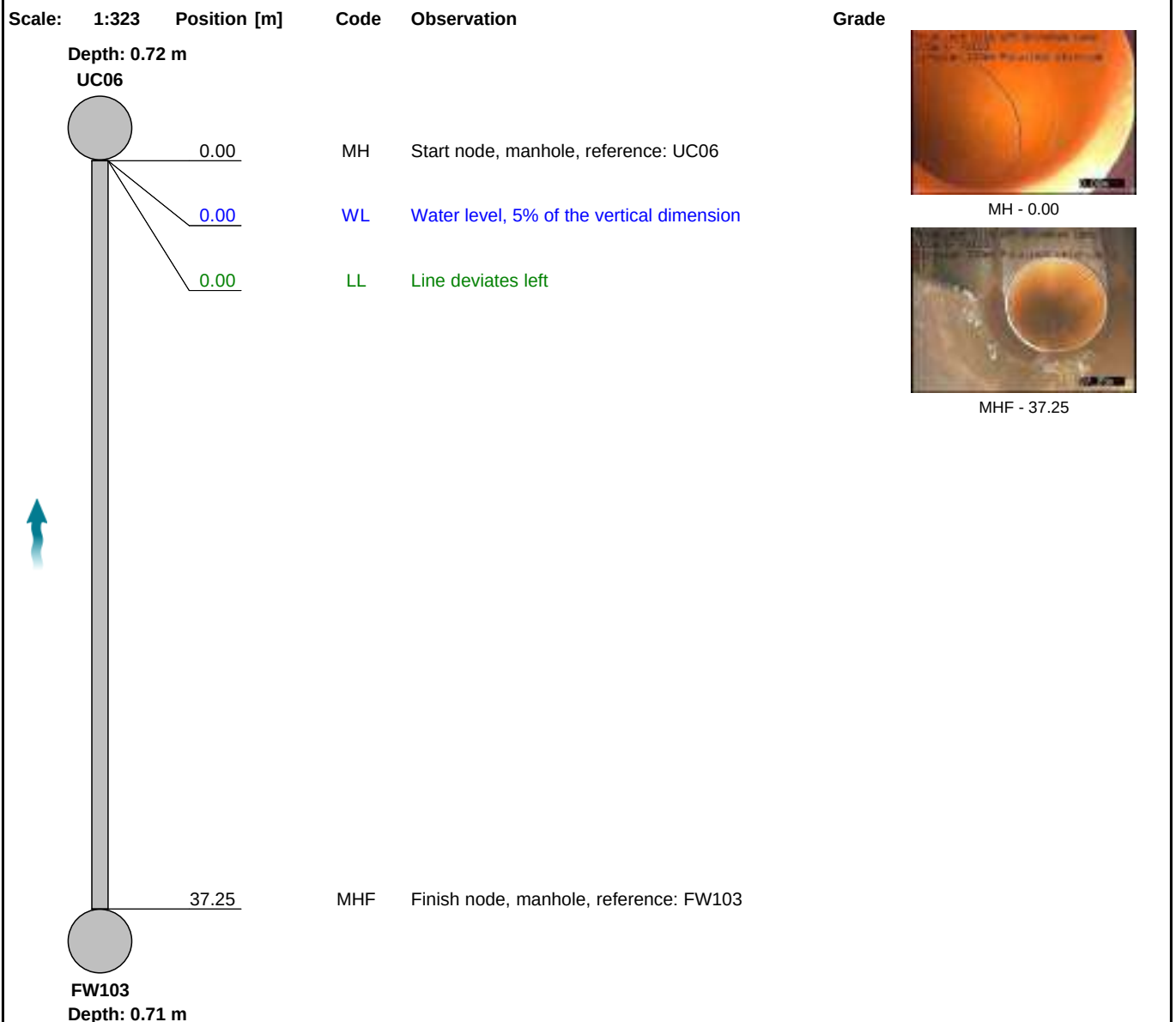


Item No. 66	Insp. No. 1	Date: 24/06/24	Time: 13:13	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW103X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW103
Road:	Grimshaw Lane	Inspected Length:	37.25 m	Upstream Pipe Depth:	0.71
Post Code:	M40 2BA	Total Length:	37.25 m	Downstream Node:	UC06
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.72
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

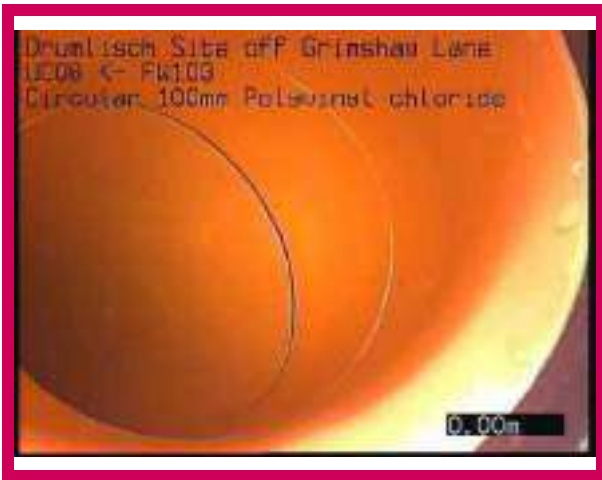
Service & Operational Observations

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 - 24/06/2024 - FW103X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
66	Upstream	FW103X	66	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: UC06



2, 00:02:36, 37.25 m
Finish node, manhole, reference: FW103



Section Inspection - 24/06/2024 - FW101X

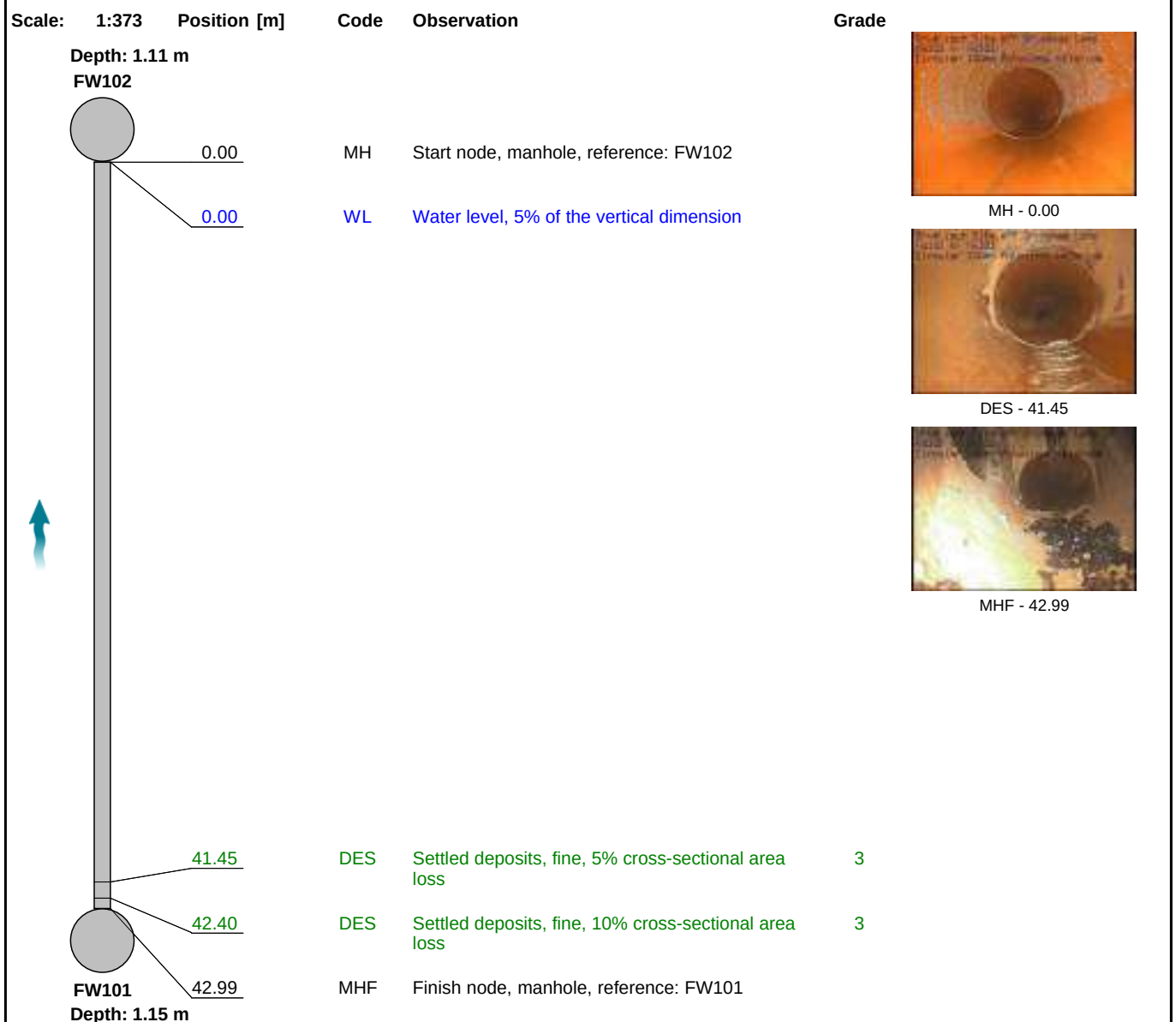


Item No. 67	Insp. No. 1	Date: 24/06/24	Time: 13:42	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW101X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW101
Road:	Grimshaw Lane	Inspected Length:	42.99 m	Upstream Pipe Depth:	1.15
Post Code:	M40 2BA	Total Length:	42.99 m	Downstream Node:	FW102
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.11
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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	2	2.0	0.1	4.0	3.0



Section Pictures - 24/06/2024 - FW101X

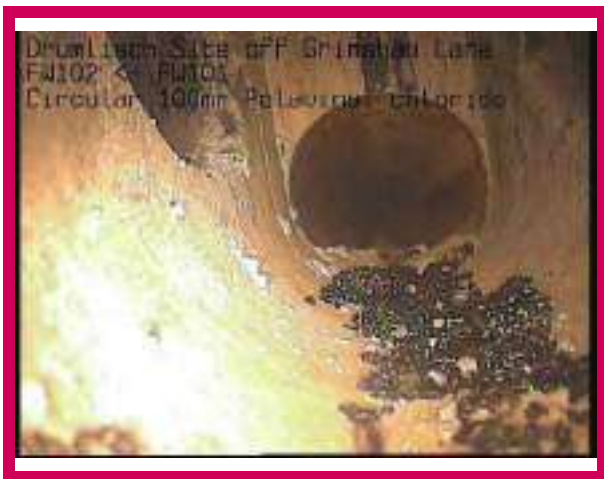
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
67	Upstream	FW101X	67	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW102



2, 00:04:25, 41.45 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:04:35, 42.99 m
Finish node, manhole, reference: FW101



Section Inspection - 24/06/2024 - UC07X

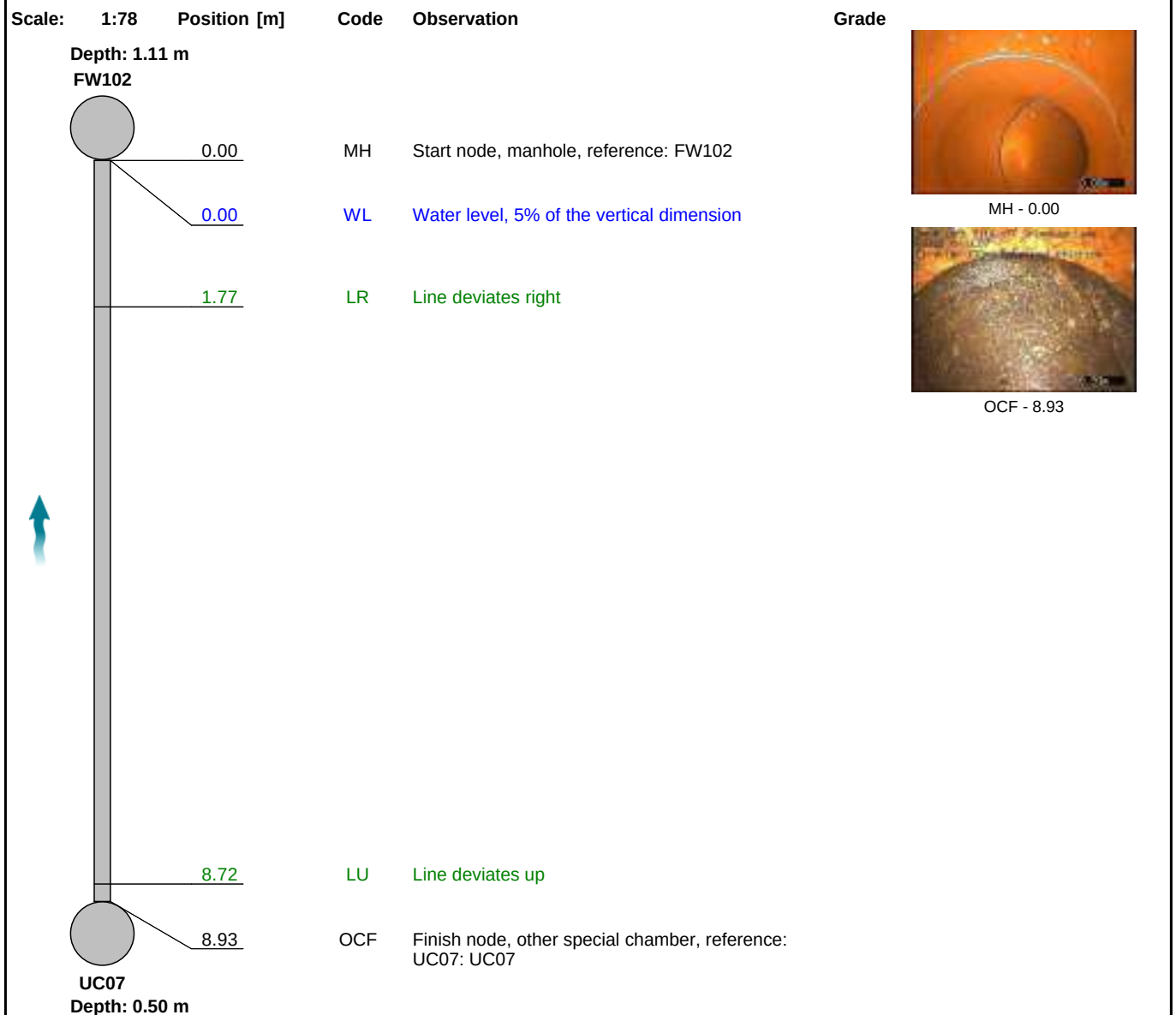


Item No. 68	Insp. No. 1	Date: 24/06/24	Time: 13:52	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC07X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC07
Road:	Grimshaw Lane	Inspected Length:	8.93 m	Upstream Pipe Depth:	0.50
Post Code:	M40 2BA	Total Length:	8.93 m	Downstream Node:	FW102
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.11
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 24/06/2024 - UC07X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
68	Upstream	UC07X	68	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW102



2, 00:00:48, 8.93 m
Finish node, other special chamber, reference: UC07, UC07



Section Inspection - 24/06/2024 - FW204X

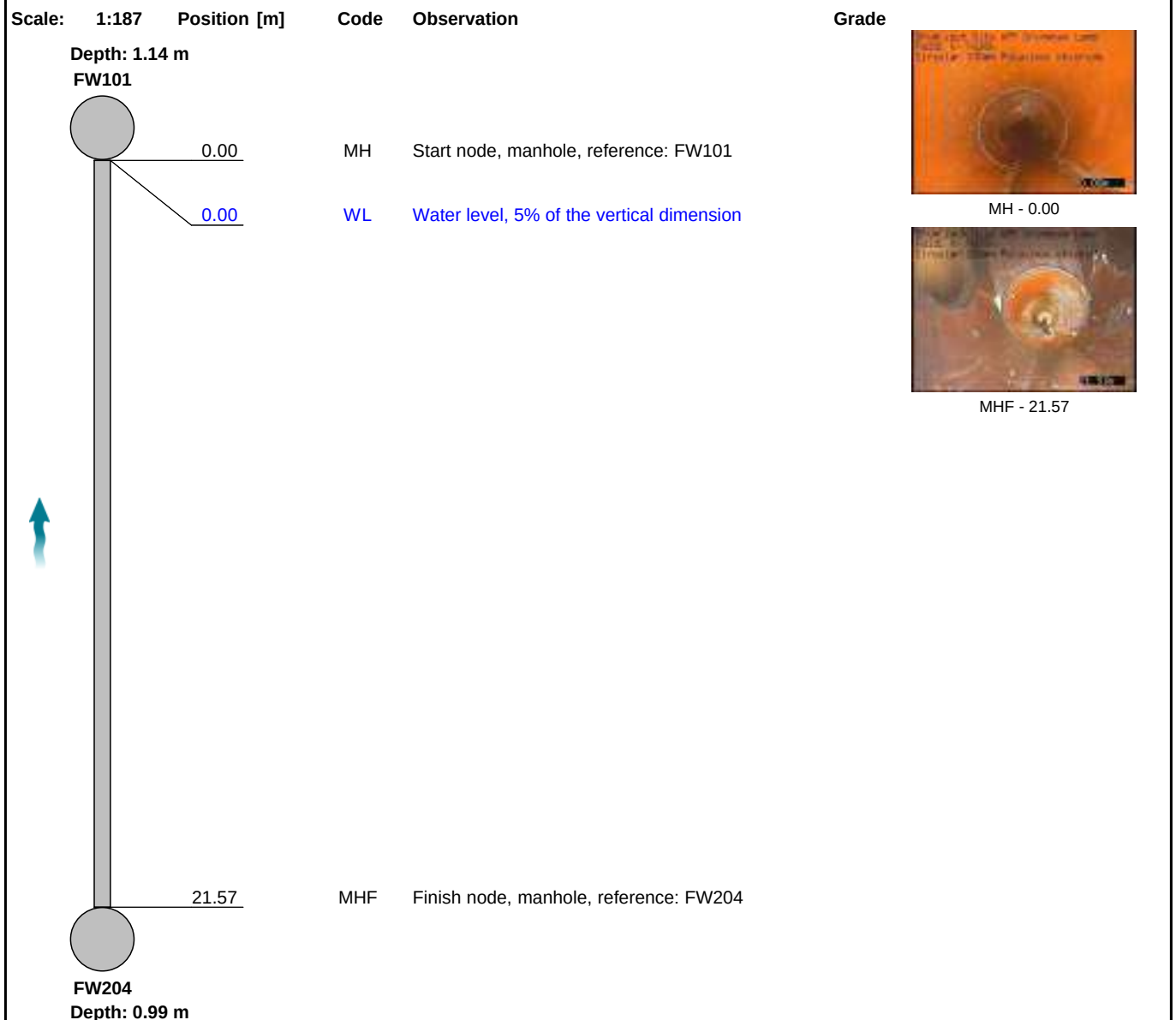


Item No. 69	Insp. No. 1	Date: 24/06/24	Time: 14:11	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW204X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW204
Road:	Grimshaw Lane	Inspected Length:	21.57 m	Upstream Pipe Depth:	0.99
Post Code:	M40 2BA	Total Length:	21.57 m	Downstream Node:	FW101
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.14
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 24/06/2024 - FW204X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
69	Upstream	FW204X	69	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW101



2, 00:01:30, 21.57 m
Finish node, manhole, reference: FW204



Section Inspection - 24/06/2024 - UC08X

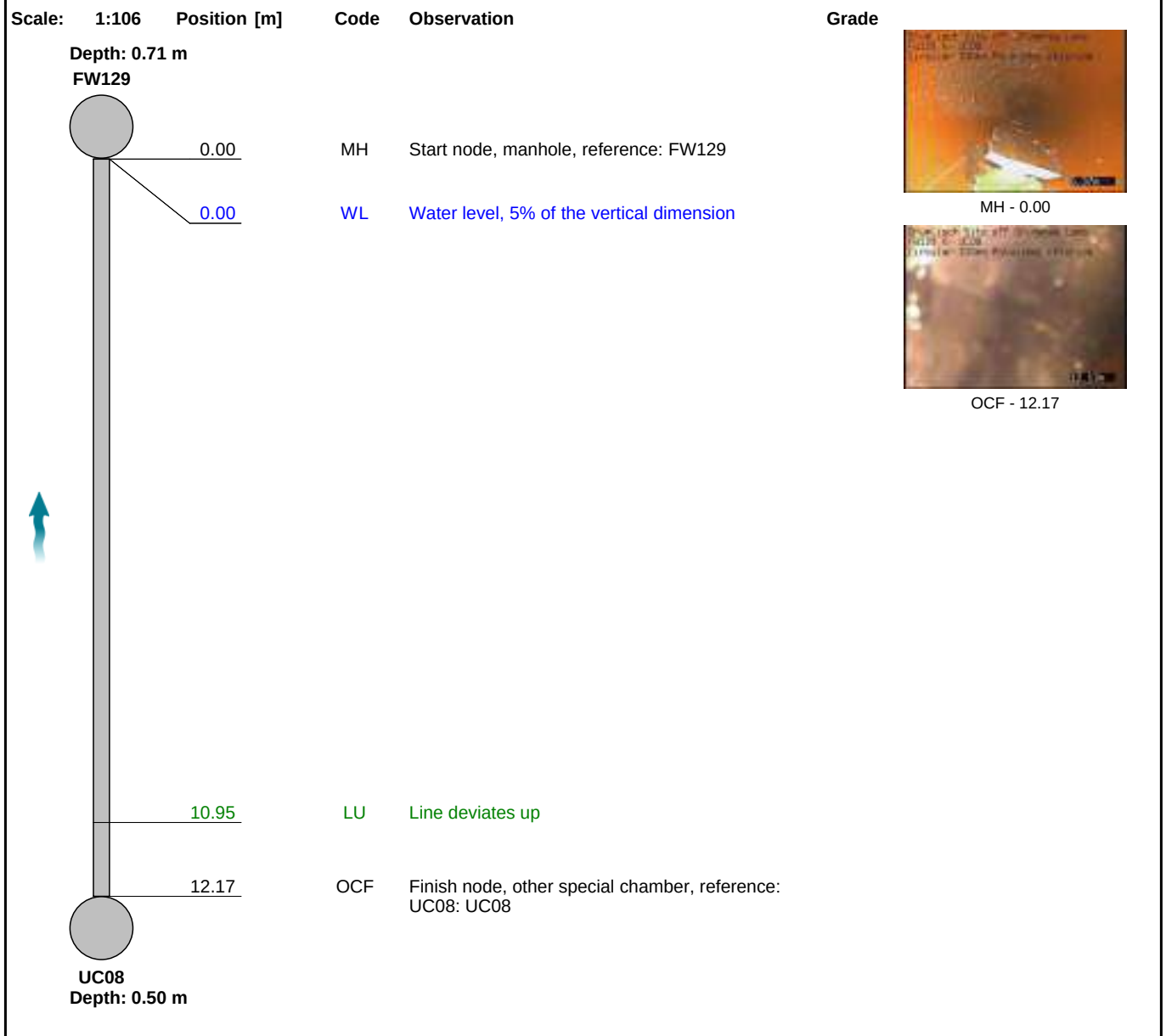


Item No. 70	Insp. No. 1	Date: 24/06/24	Time: 15:30	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC08X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC08
Road:	Grimshaw Lane	Inspected Length:	12.17 m	Upstream Pipe Depth:	0.50
Post Code:	M40 2BA	Total Length:	12.17 m	Downstream Node:	FW129
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.71
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 24/06/2024 - UC08X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
70	Upstream	UC08X	70	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW129



2, 00:00:45, 12.17 m
Finish node, other special chamber, reference: UC08, UC08



Section Inspection - 24/06/2024 - FW129X

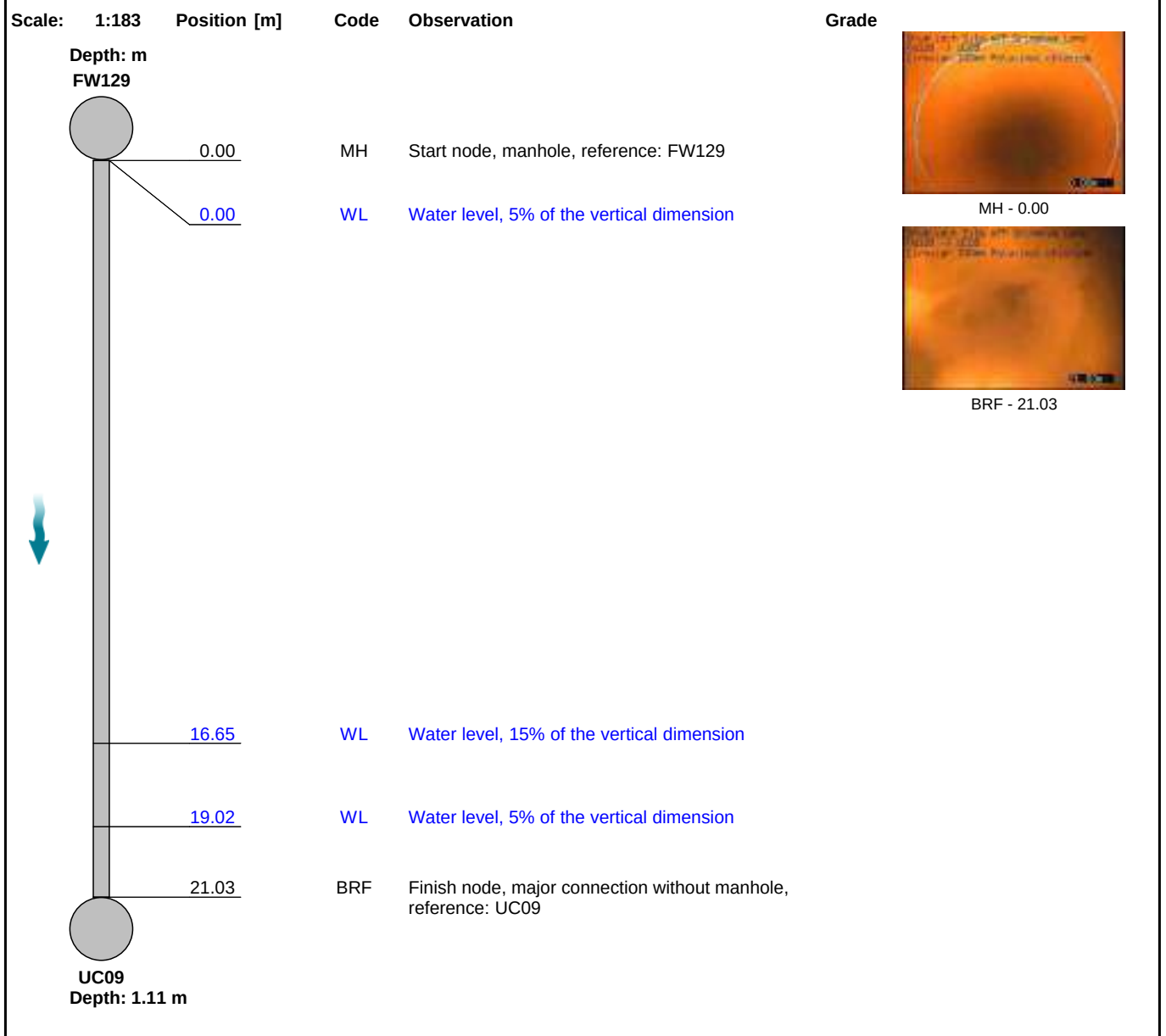


Item No. 71	Insp. No. 1	Date: 24/06/24	Time: 15:46	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW129X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW129
Road:	Grimshaw Lane	Inspected Length:	21.03 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	21.03 m	Downstream Node:	UC09
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.11
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 24/06/2024 - FW129X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
71	Downstream	FW129X	71	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW129



2, 00:01:32, 21.03 m
Finish node, major connection without manhole, reference:
UC09



Section Inspection - 25/06/2024 - UC10X

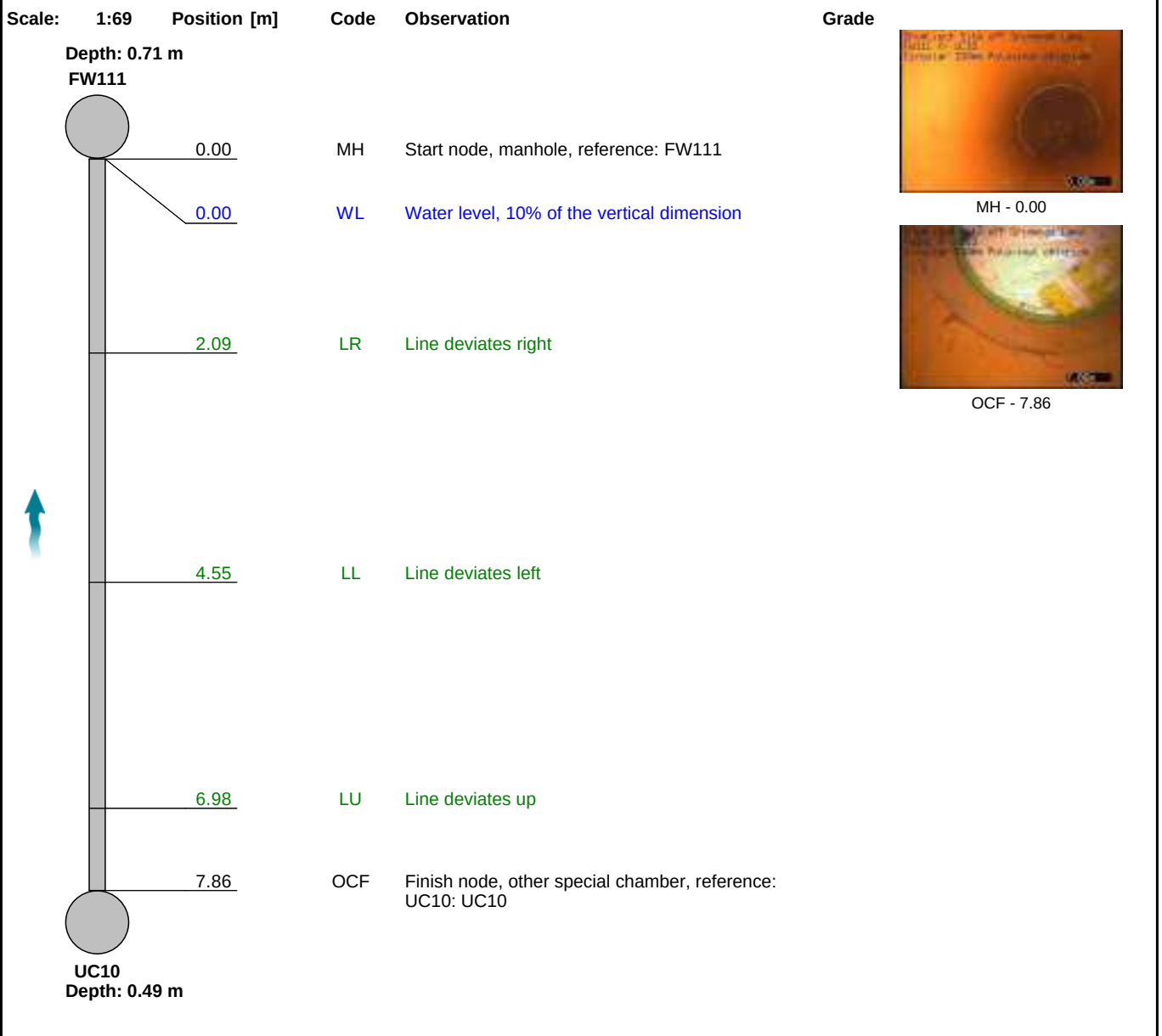


Item No. 72	Insp. No. 1	Date: 25/06/24	Time: 8:42	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC10X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC10
Road:	Grimshaw Lane	Inspected Length:	7.86 m	Upstream Pipe Depth:	0.49
Post Code:	M40 2BA	Total Length:	7.86 m	Downstream Node:	FW111
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.71
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

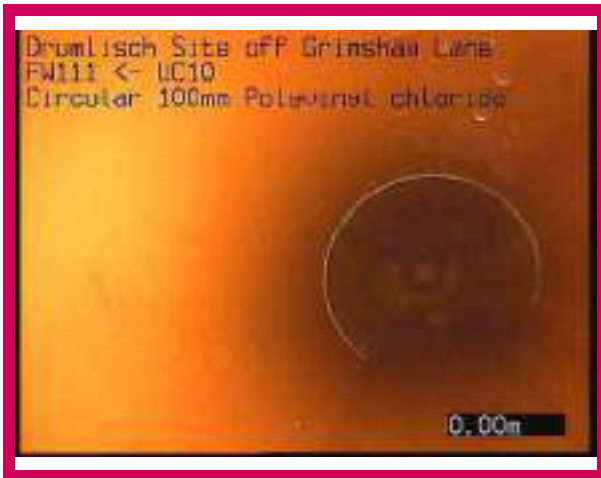
Service & Operational Observations

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 - 25/06/2024 - UC10X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
72	Upstream	UC10X	72	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW111



2, 00:00:43, 7.86 m
Finish node, other special chamber, reference: UC10, UC10



Section Inspection - 25/06/2024 - UC11X



Item No. 73	Insp. No. 1	Date: 25/06/24	Time: 8:45	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC11X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC11
Road:	Grimshaw Lane	Inspected Length:	3.49 m	Upstream Pipe Depth:	0.34
Post Code:	M40 2BA	Total Length:	3.49 m	Downstream Node:	FW111
Surface Type:		Joint Length:	1.00 m	Downstream Pipe Depth:	0.71
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - UC11X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
73	Upstream	UC11X	73	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW111



2, 00:00:26, 3.49 m
Finish node, other special chamber, reference: UC11, UC11



Section Inspection - 25/06/2024 - UC12X

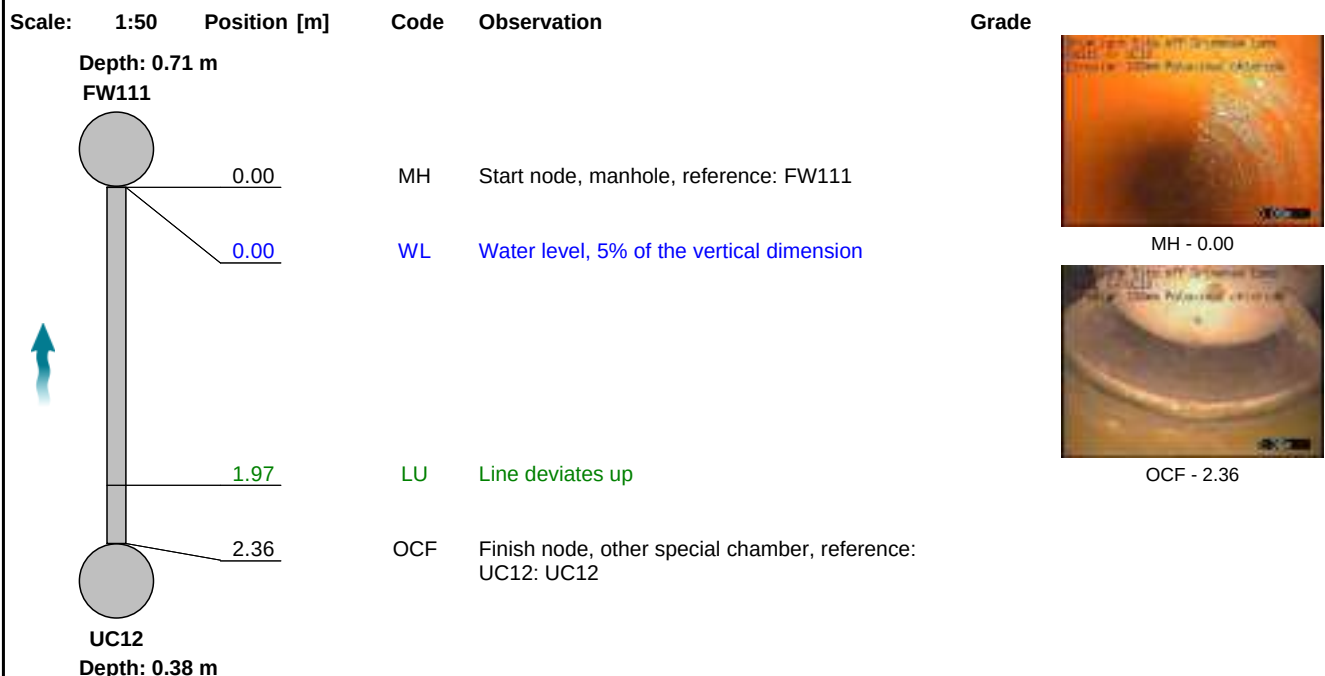


Item No. 74	Insp. No. 1	Date: 25/06/24	Time: 8:47	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC12X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC12
Road:	Grimshaw Lane	Inspected Length:	2.36 m	Upstream Pipe Depth:	0.38
Post Code:	M40 2BA	Total Length:	2.36 m	Downstream Node:	FW111
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.71
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

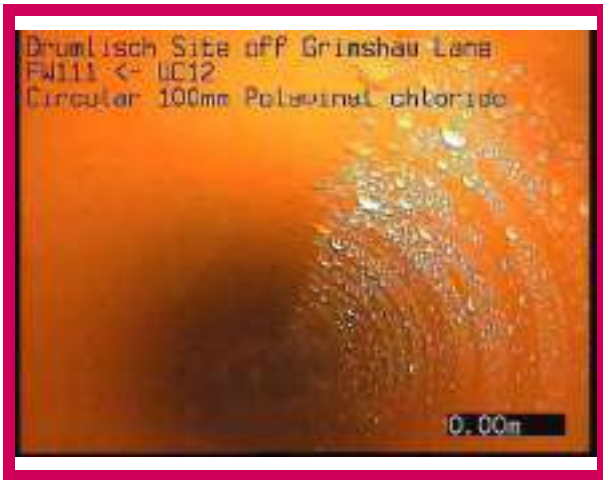
Service & Operational Observations

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

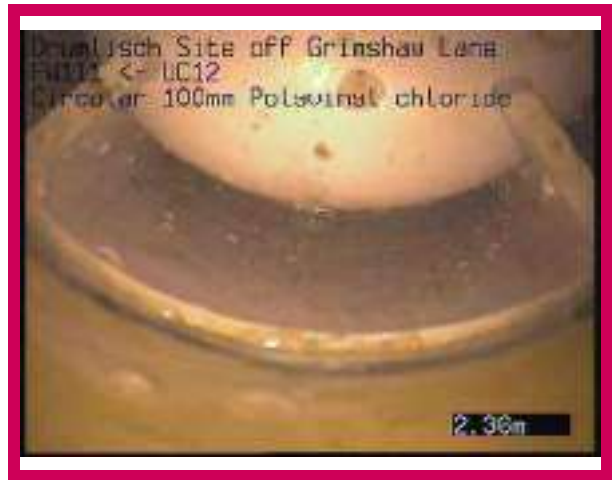


Section Pictures - 25/06/2024 - UC12X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
74	Upstream	UC12X	74	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW111



2, 00:00:17, 2.36 m
Finish node, other special chamber, reference: UC12, UC12



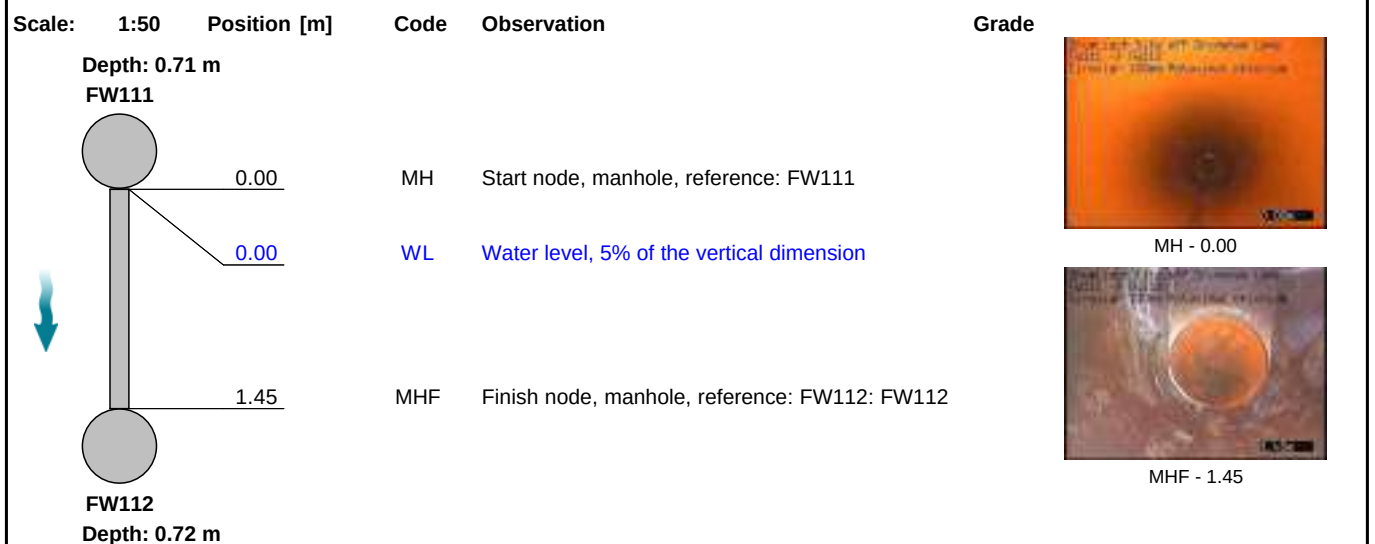
Section Inspection - 25/06/2024 - FW111X



Item No. 75	Insp. No. 1	Date: 25/06/24	Time: 8:49	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW111X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW111
Road:	Grimshaw Lane	Inspected Length:	1.45 m	Upstream Pipe Depth:	0.71
Post Code:	M40 2BA	Total Length:	1.45 m	Downstream Node:	FW112
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.72
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - FW111X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
75	Downstream	FW111X	75	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW111



2, 00:00:14, 1.45 m
Finish node, manhole, reference: FW112, FW112



Section Inspection - 25/06/2024 - FW112X

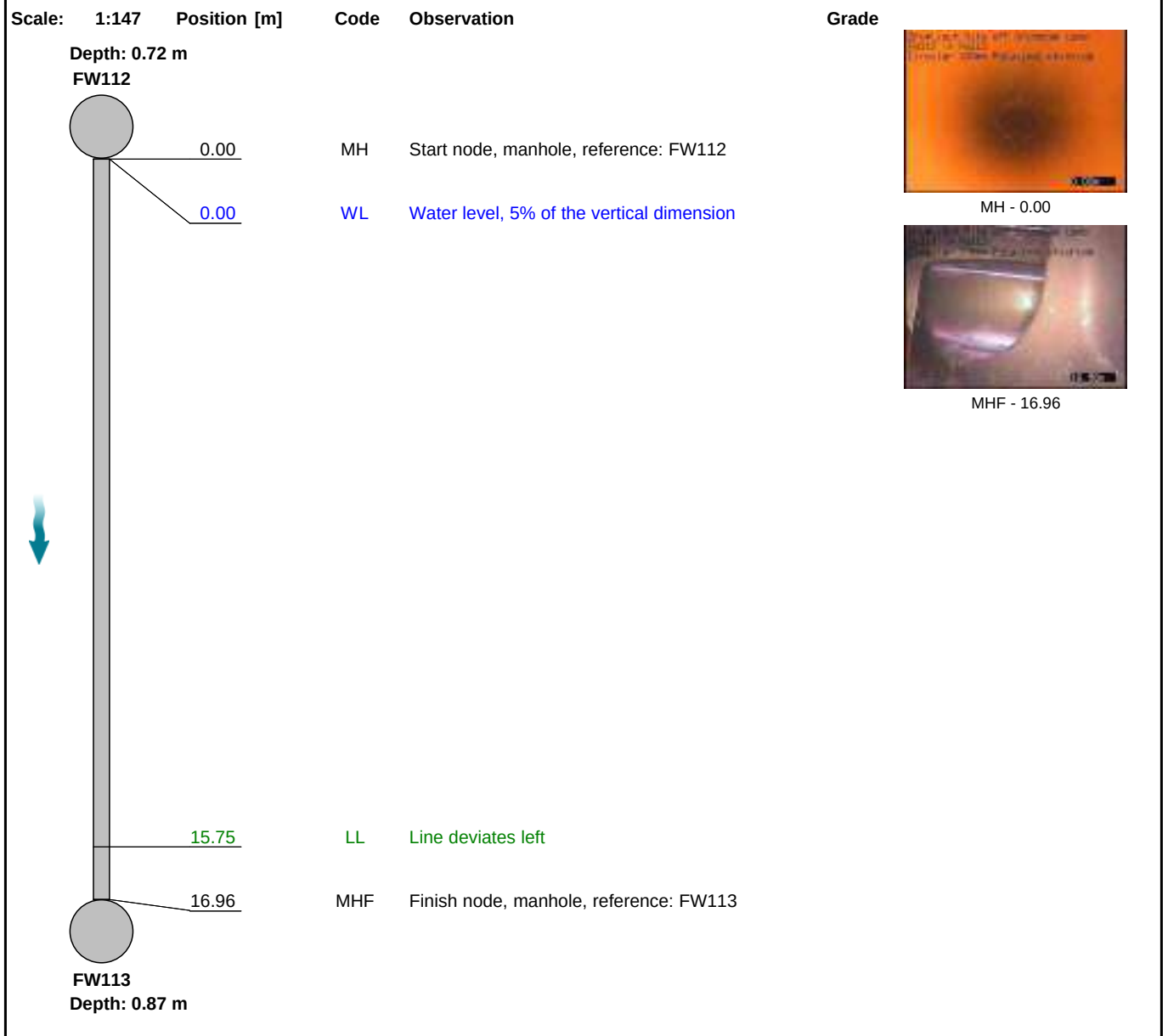


Item No. 76	Insp. No. 1	Date: 25/06/24	Time: 8:50	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW112X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW112
Road:	Grimshaw Lane	Inspected Length:	16.96 m	Upstream Pipe Depth:	0.72
Post Code:	M40 2BA	Total Length:	16.96 m	Downstream Node:	FW113
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.87
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - FW112X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
76	Downstream	FW112X	76	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW112



2, 00:01:09, 16.96 m
Finish node, manhole, reference: FW113



Section Inspection - 25/06/2024 - UC13X

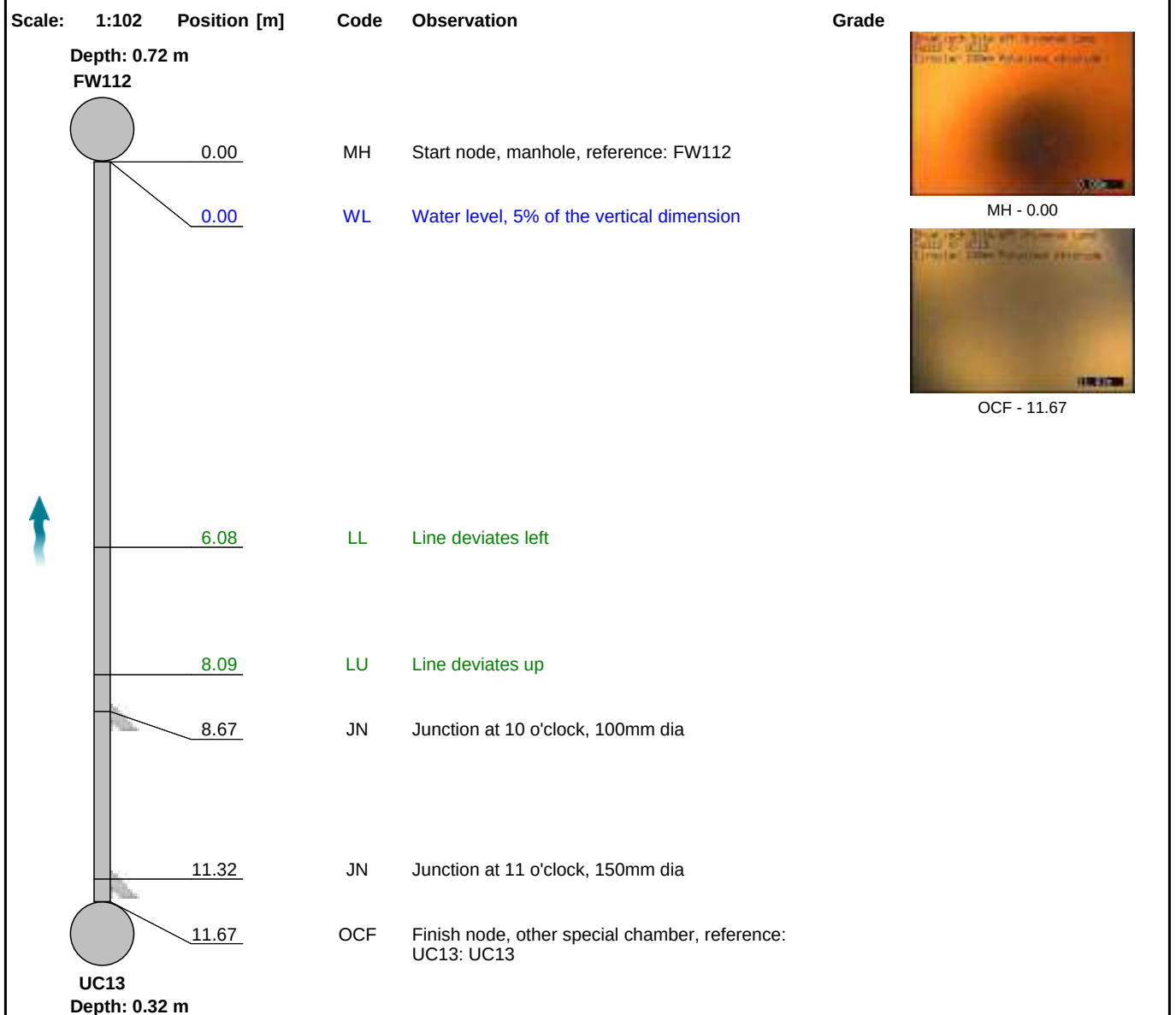


Item No. 77	Insp. No. 1	Date: 25/06/24	Time: 8:54	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC13X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC13
Road:	Grimshaw Lane	Inspected Length:	11.67 m	Upstream Pipe Depth:	0.32
Post Code:	M40 2BA	Total Length:	11.67 m	Downstream Node:	FW112
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.72
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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

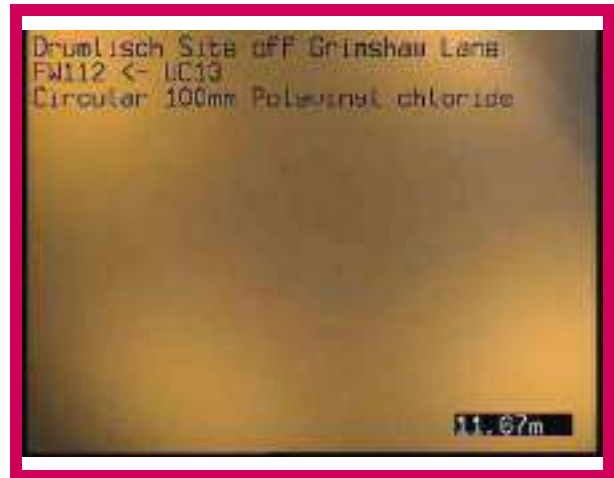


Section Pictures - 25/06/2024 - UC13X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
77	Upstream	UC13X	77	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW112



2, 00:01:47, 11.67 m
Finish node, other special chamber, reference: UC13, UC13



cctvsurveys@lanesgroup.co.uk

Section Inspection - 25/06/2024 - UC14X

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	10.0	3.7	10.0	5.0



Section Pictures - 25/06/2024 - UC14X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
78	Upstream	UC14X	78	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW112



2, 00:00:22, 2.04 m
Other obstacles, other object in invert at 6 o'clock, 10%
cross-sectional area loss, Bottle in line



Section Inspection - 25/06/2024 - UC14AX

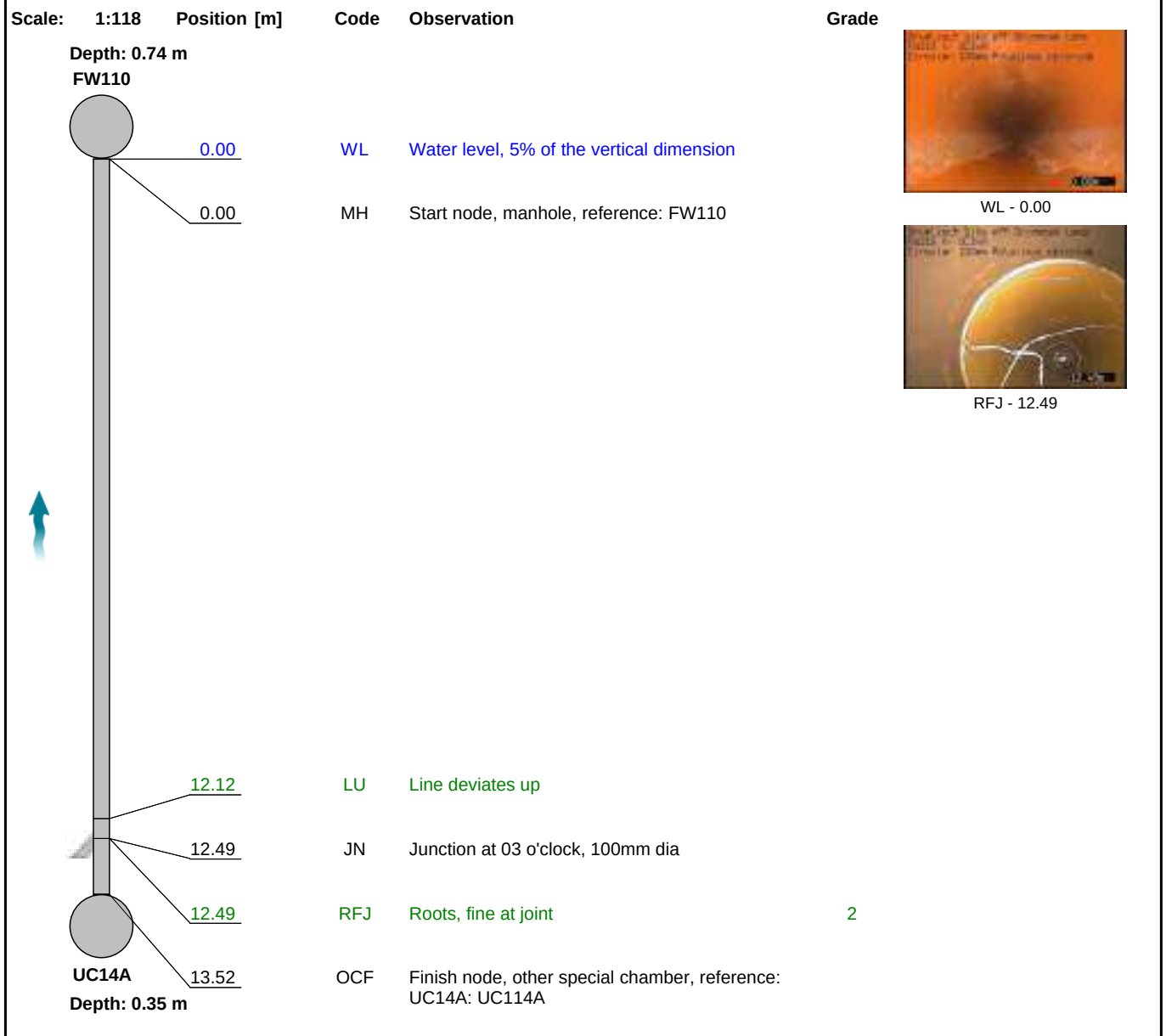


Item No. 79	Insp. No. 1	Date: 25/06/24	Time: 9:18	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC14AX
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC14A
Road:	Grimshaw Lane	Inspected Length:	13.52 m	Upstream Pipe Depth:	0.35
Post Code:	M40 2BA	Total Length:	13.52 m	Downstream Node:	FW110
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.74
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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	1	1.0	0.1	1.0	2.0



Section Pictures - 25/06/2024 - UC14AX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
79	Upstream	UC14AX	79	LSO0381562



1, 00:00:00, 0.00 m
Water level, 5% of the vertical dimension



2, 00:01:10, 12.49 m
Roots, fine at joint



Section Inspection - 25/06/2024 - UC15X

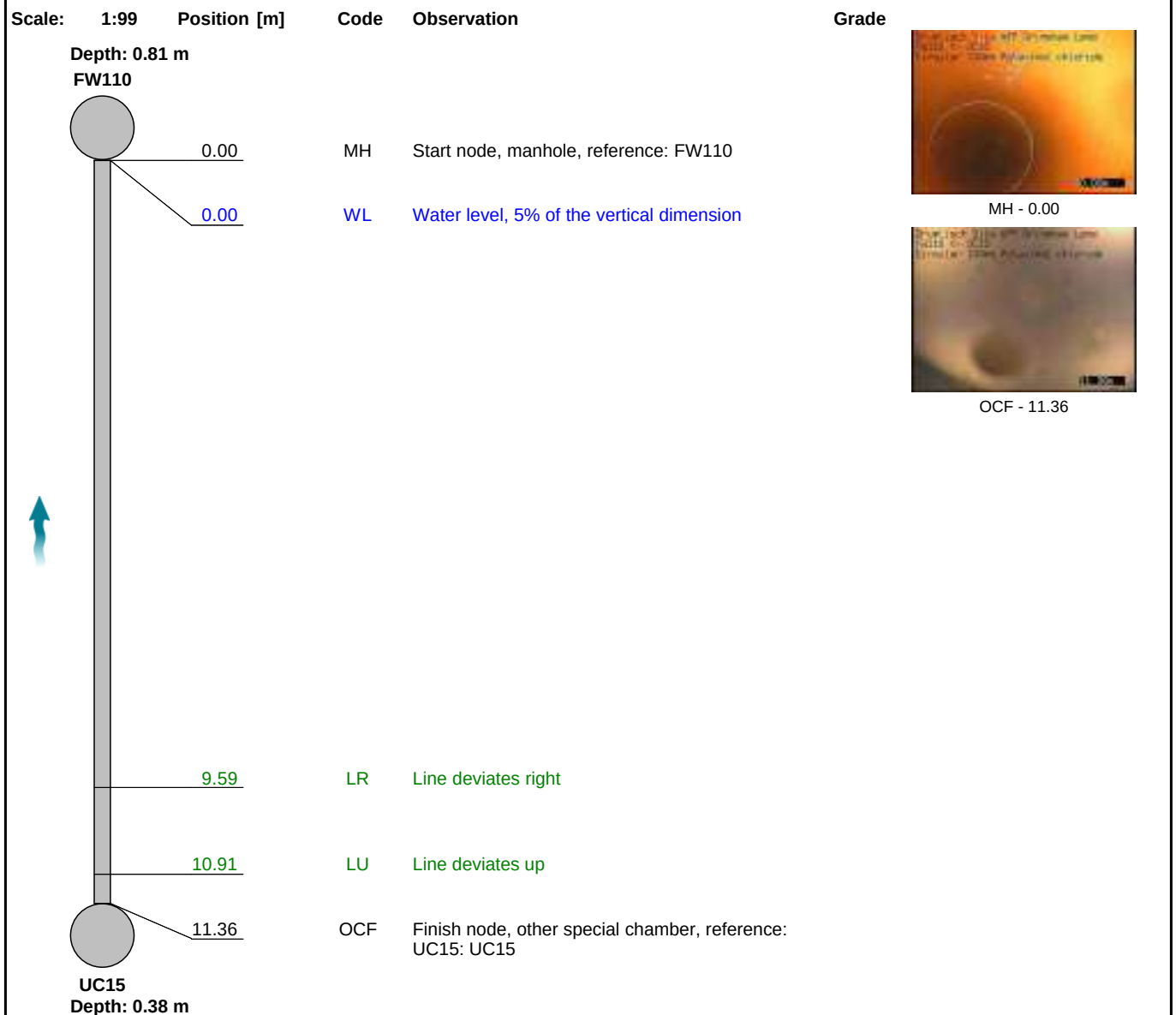


Item No. 80	Insp. No. 1	Date: 25/06/24	Time: 9:21	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC15X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC15
Road:	Grimshaw Lane	Inspected Length:	11.36 m	Upstream Pipe Depth:	0.38
Post Code:	M40 2BA	Total Length:	11.36 m	Downstream Node:	FW110
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.81
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - UC15X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
80	Upstream	UC15X	80	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW110



2, 00:01:39, 11.36 m
Finish node, other special chamber, reference: UC15, UC15

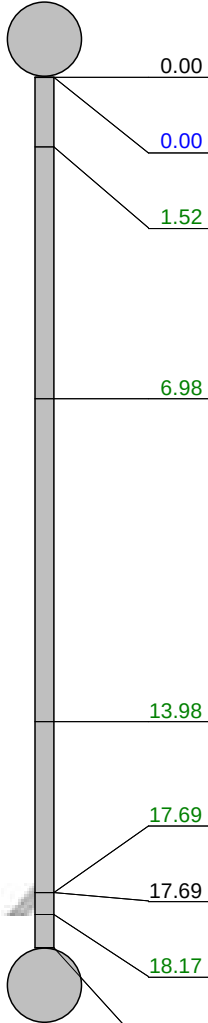
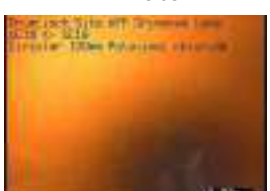
Section Inspection - 25/06/2024 - UC16X

Item No. 81	Insp. No. 1	Date: 25/06/24	Time: 9:30	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC16X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC16
Road:	Grimshaw Lane	Inspected Length:	18.89 m	Upstream Pipe Depth:	0.44
Post Code:	M40 2BA	Total Length:	18.89 m	Downstream Node:	UC18
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.74
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:164	Position [m]	Code	Observation	Grade
Depth: 0.74 m UC18				
				
0.00	MH	Start node, manhole, reference: UC18		 MH - 0.00
0.00	WL	Water level, 5% of the vertical dimension		
1.52	LR	Line deviates right		 LR - 13.98
6.98	LR	Line deviates right		 OCF - 18.89
13.98	LR	Line deviates right		
17.69	LL	Line deviates left		
17.69	JN	Junction at 01 o'clock, 100mm dia		
18.17	LU	Line deviates up		
18.89	OCF	Finish node, other special chamber, reference: UC16: In view		
UC16 Depth: 0.44 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 Pictures - 25/06/2024 - UC16X

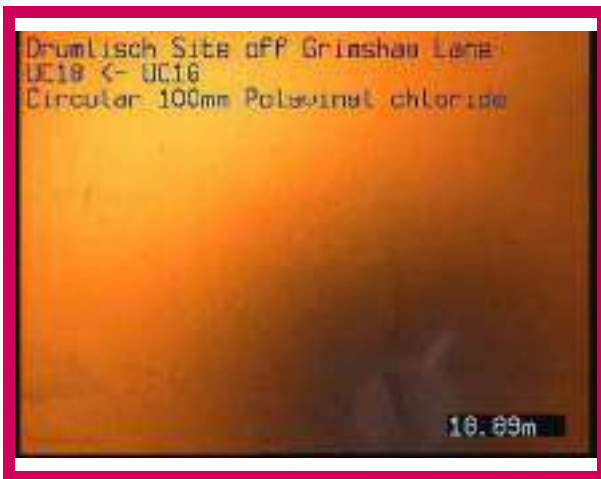
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
81	Upstream	UC16X	81	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: UC18



2, 00:01:01, 13.98 m
Line deviates right



3, 00:01:41, 18.89 m
Finish node, other special chamber, reference: UC16, In view



Section Inspection - 25/06/2024 - UC17X

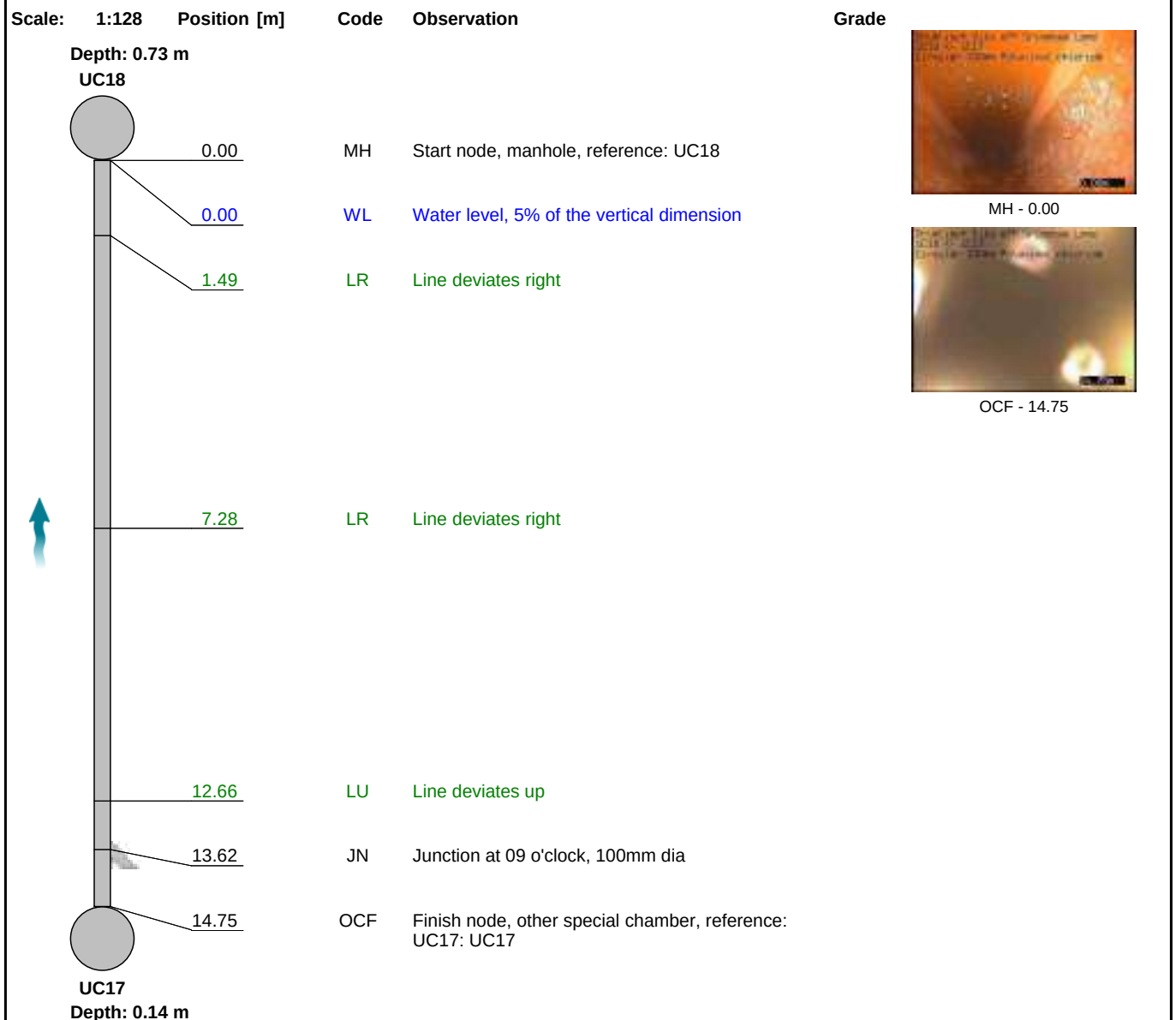


Item No. 82	Insp. No. 1	Date: 25/06/24	Time: 9:34	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC17X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC17
Road:	Grimshaw Lane	Inspected Length:	14.75 m	Upstream Pipe Depth:	0.14
Post Code:	M40 2BA	Total Length:	14.75 m	Downstream Node:	UC18
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - UC17X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
82	Upstream	UC17X	82	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: UC18



2, 00:01:09, 14.75 m
Finish node, other special chamber, reference: UC17, UC17



Section Inspection - 25/06/2024 - FW110X

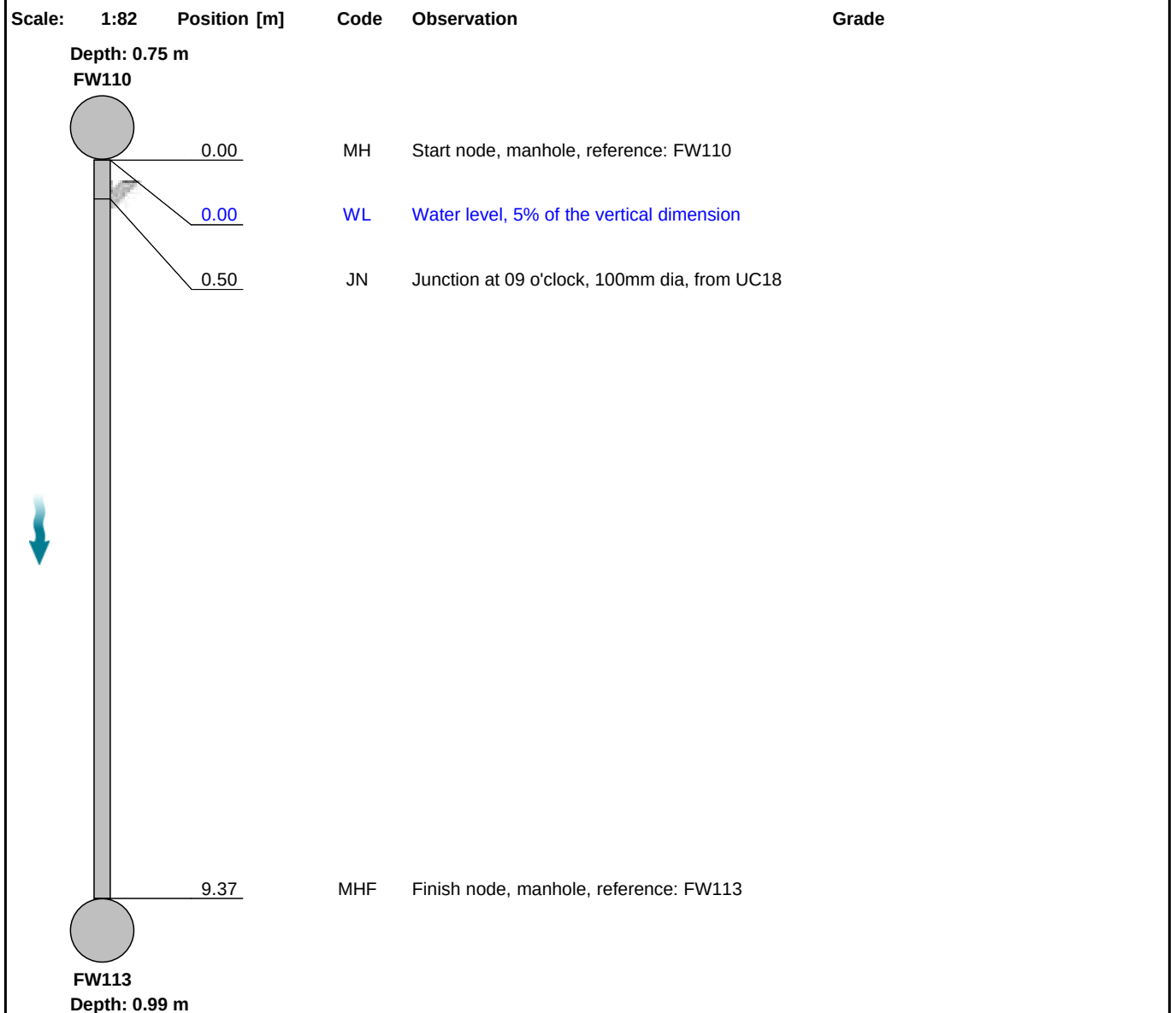


Item No. 83	Insp. No. 1	Date: 25/06/24	Time: 9:40	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW110X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW110
Road:	Grimshaw Lane	Inspected Length:	9.37 m	Upstream Pipe Depth:	0.75
Post Code:	M40 2BA	Total Length:	9.37 m	Downstream Node:	FW113
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.99

Asset Use:	Foul	Asset Shape:	Circular
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm
Asset Owner:	Private	Asset Material:	Polyvinyl chloride
Year Constructed:	Not Specified	Asset Lining Type:	No Lining
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - FW113X

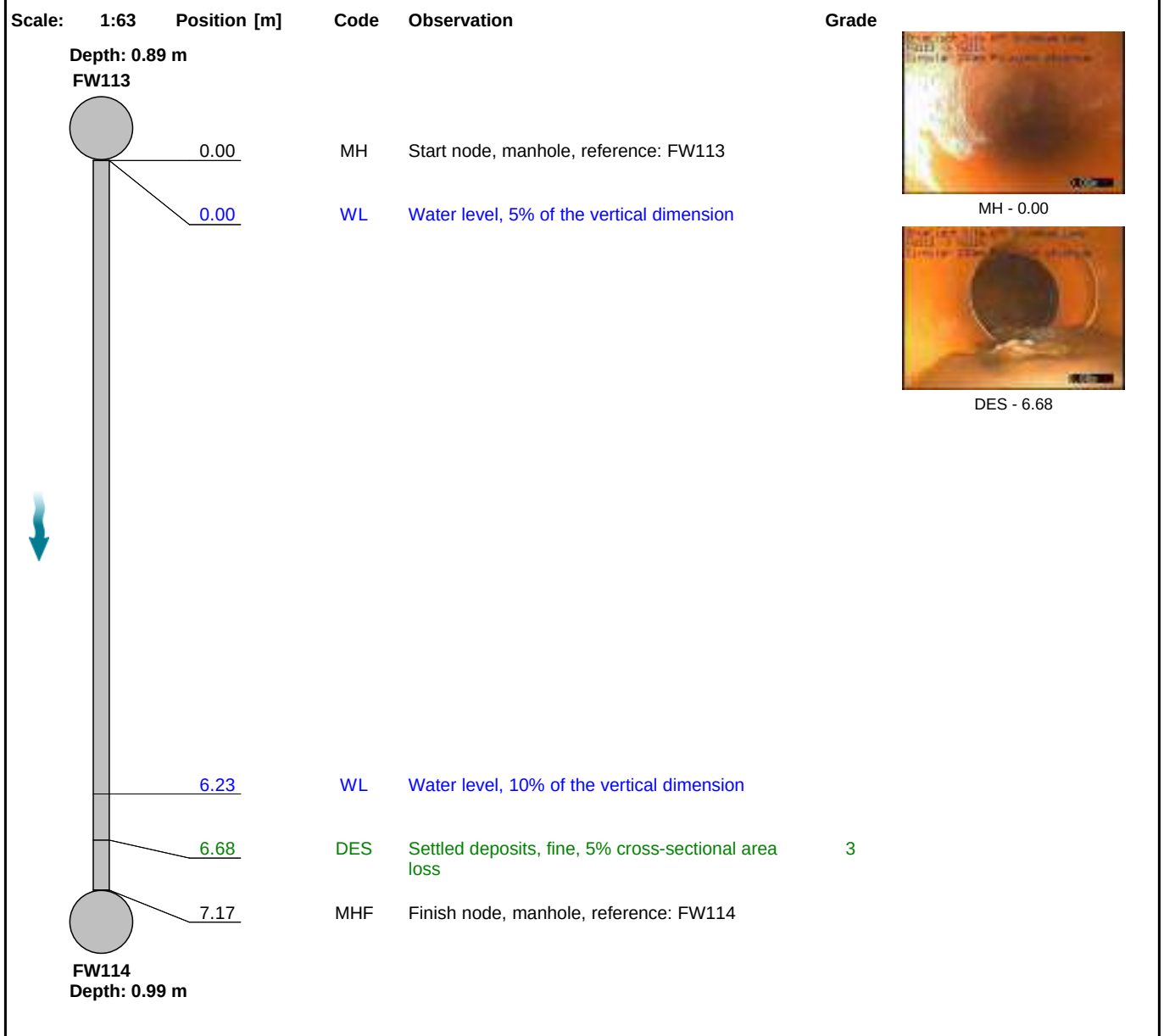


Item No. 84	Insp. No. 1	Date: 25/06/24	Time: 9:42	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW113X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW113
Road:	Grimshaw Lane	Inspected Length:	7.17 m	Upstream Pipe Depth:	0.89
Post Code:	M40 2BA	Total Length:	7.17 m	Downstream Node:	FW114
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.99
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

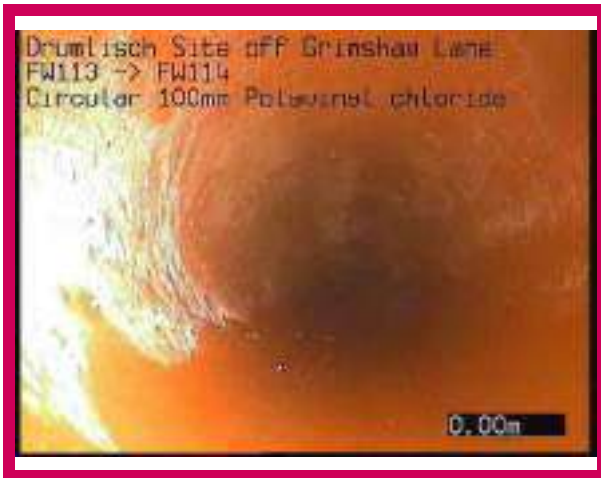
Service & Operational Observations

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	1	2.0	0.3	2.0	3.0

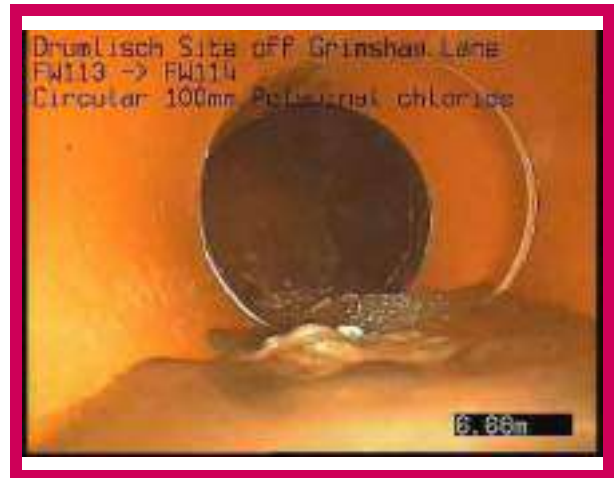


Section Pictures - 25/06/2024 - FW113X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
84	Downstream	FW113X	84	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW113



2, 00:00:33, 6.68 m
Settled deposits, fine, 5% cross-sectional area loss



Section Inspection - 25/06/2024 - UC19X

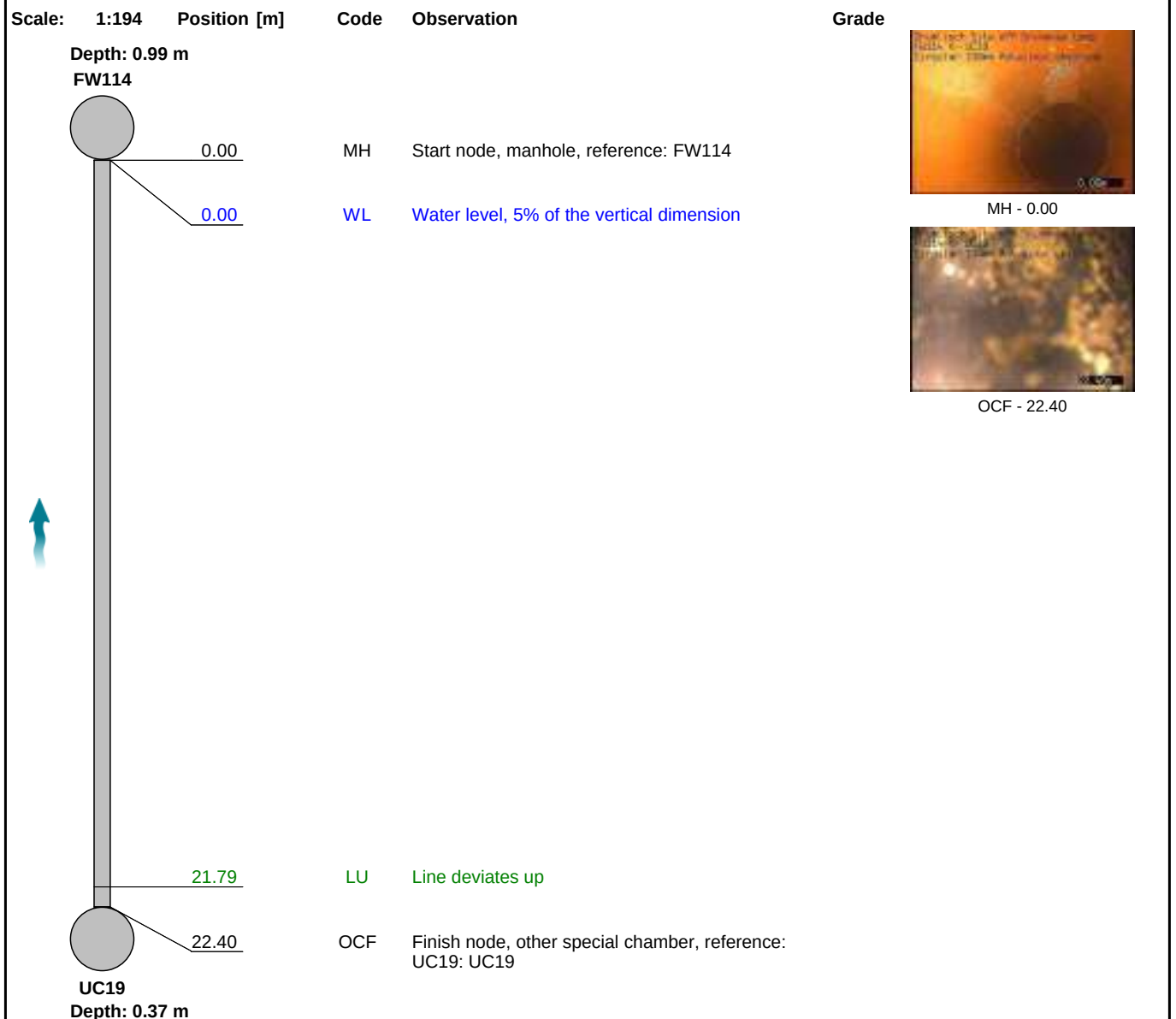


Item No. 85	Insp. No. 1	Date: 25/06/24	Time: 9:47	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC19X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC19
Road:	Grimshaw Lane	Inspected Length:	22.40 m	Upstream Pipe Depth:	0.37
Post Code:	M40 2BA	Total Length:	22.40 m	Downstream Node:	FW114
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.99
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - UC19X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
85	Upstream	UC19X	85	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW114



2, 00:01:26, 22.40 m
Finish node, other special chamber, reference: UC19, UC19



Section Inspection - 25/06/2024 - FW114X

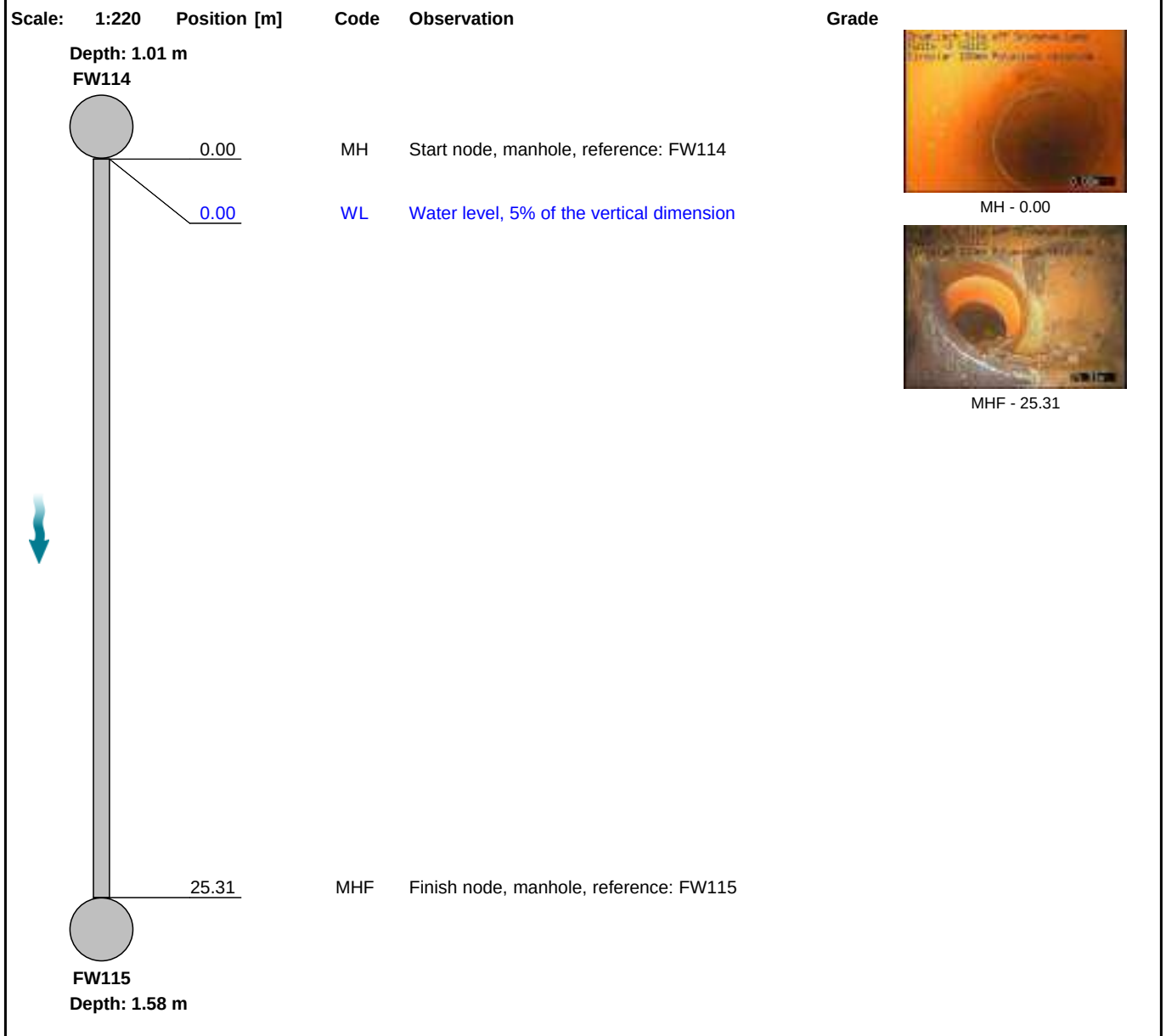


Item No. 86	Insp. No. 1	Date: 25/06/24	Time: 11:06	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW114X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW114
Road:	Grimshaw Lane	Inspected Length:	25.31 m	Upstream Pipe Depth:	1.01
Post Code:	M40 2BA	Total Length:	25.31 m	Downstream Node:	FW115
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.58
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - FW114X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
86	Downstream	FW114X	86	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW114



2, 00:02:09, 25.31 m
Finish node, manhole, reference: FW115



Section Inspection - 25/06/2024 - UC20X



Item No. 87	Insp. No. 1	Date: 25/06/24	Time: 12:04	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC20X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC20
Road:	Grimshaw Lane	Inspected Length:	11.74 m	Upstream Pipe Depth:	0.30
Post Code:	M40 2BA	Total Length:	11.74 m	Downstream Node:	FW121
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:102	Position [m]	Code	Observation	Grade
Depth: 0.89 m FW121				
	0.00	MH	Start node, manhole, reference: FW121	 MH - 0.00
	6.07	LL	Line deviates left	
	7.35	LL	Line deviates left	
	9.75	LR	Line deviates right	
	11.20	LR	Line deviates right	
	11.20	LU	Line deviates up	 OCF - 11.74
	11.74	UC20	Finish node, other special chamber, reference: UC20: UC20	
	Depth: 0.30 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 Pictures - 25/06/2024 - UC20X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
87	Upstream	UC20X	87	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW121



2, 00:01:40, 11.74 m
Finish node, other special chamber, reference: UC20, UC20



Section Inspection - 25/06/2024 - UC21X

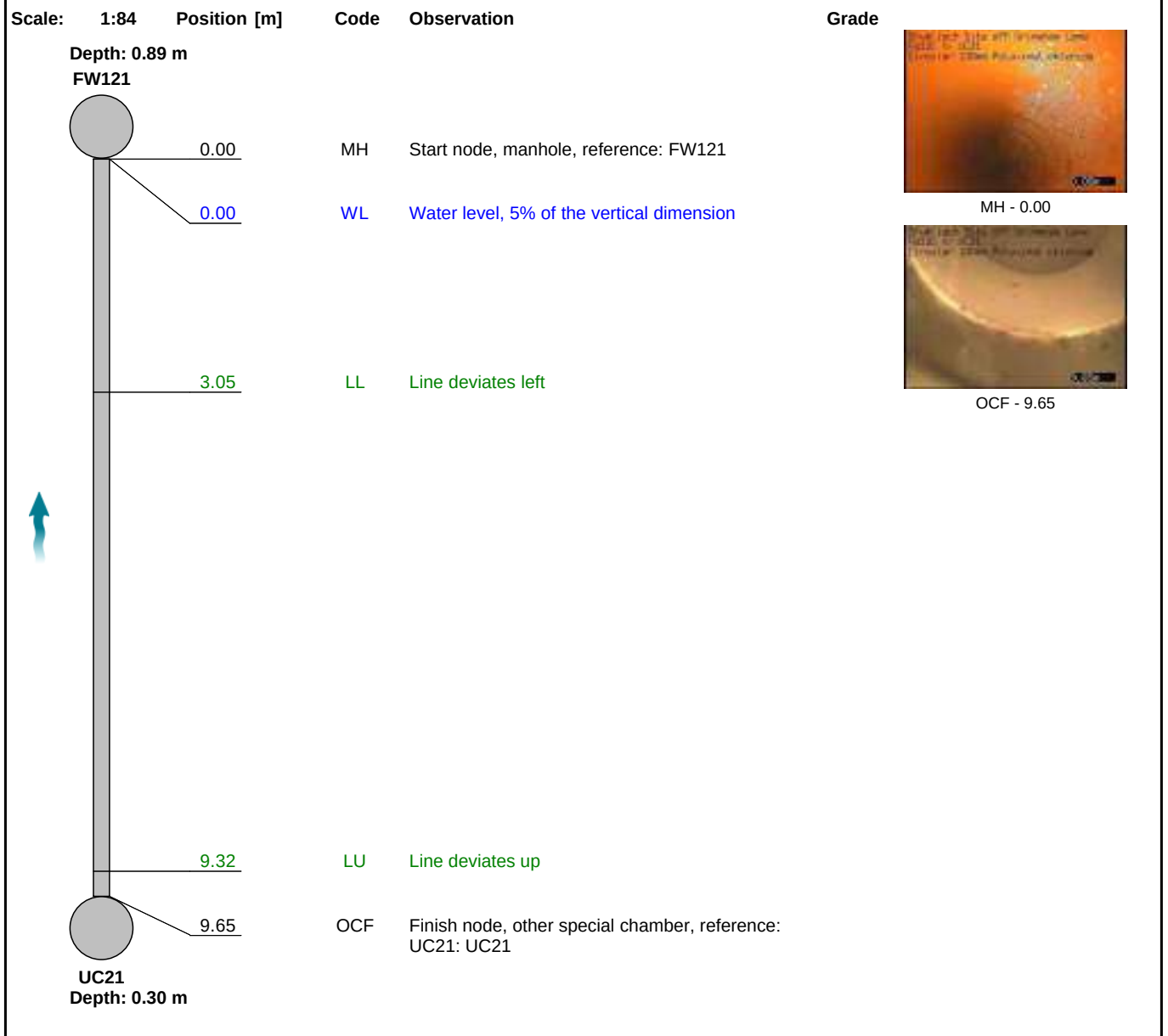


Item No. 88	Insp. No. 1	Date: 25/06/24	Time: 12:08	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC21X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC21
Road:	Grimshaw Lane	Inspected Length:	9.65 m	Upstream Pipe Depth:	0.30
Post Code:	M40 2BA	Total Length:	9.65 m	Downstream Node:	FW121
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



MH - 0.00



OCF - 9.65

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

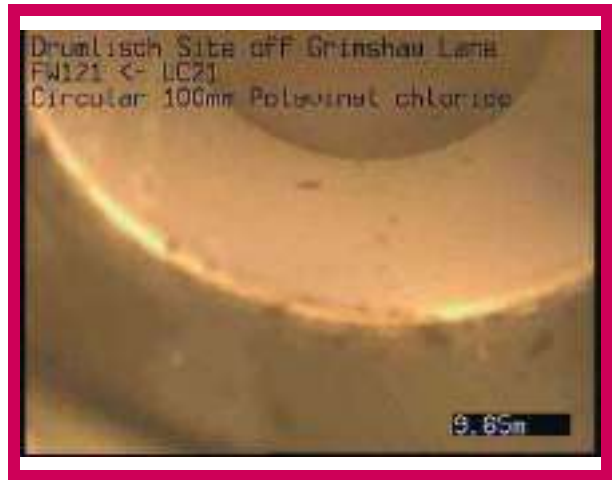


Section Pictures - 25/06/2024 - UC21X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
88	Upstream	UC21X	88	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW121



2, 00:00:55, 9.65 m
Finish node, other special chamber, reference: UC21, UC21



Section Inspection - 25/06/2024 - FW121X

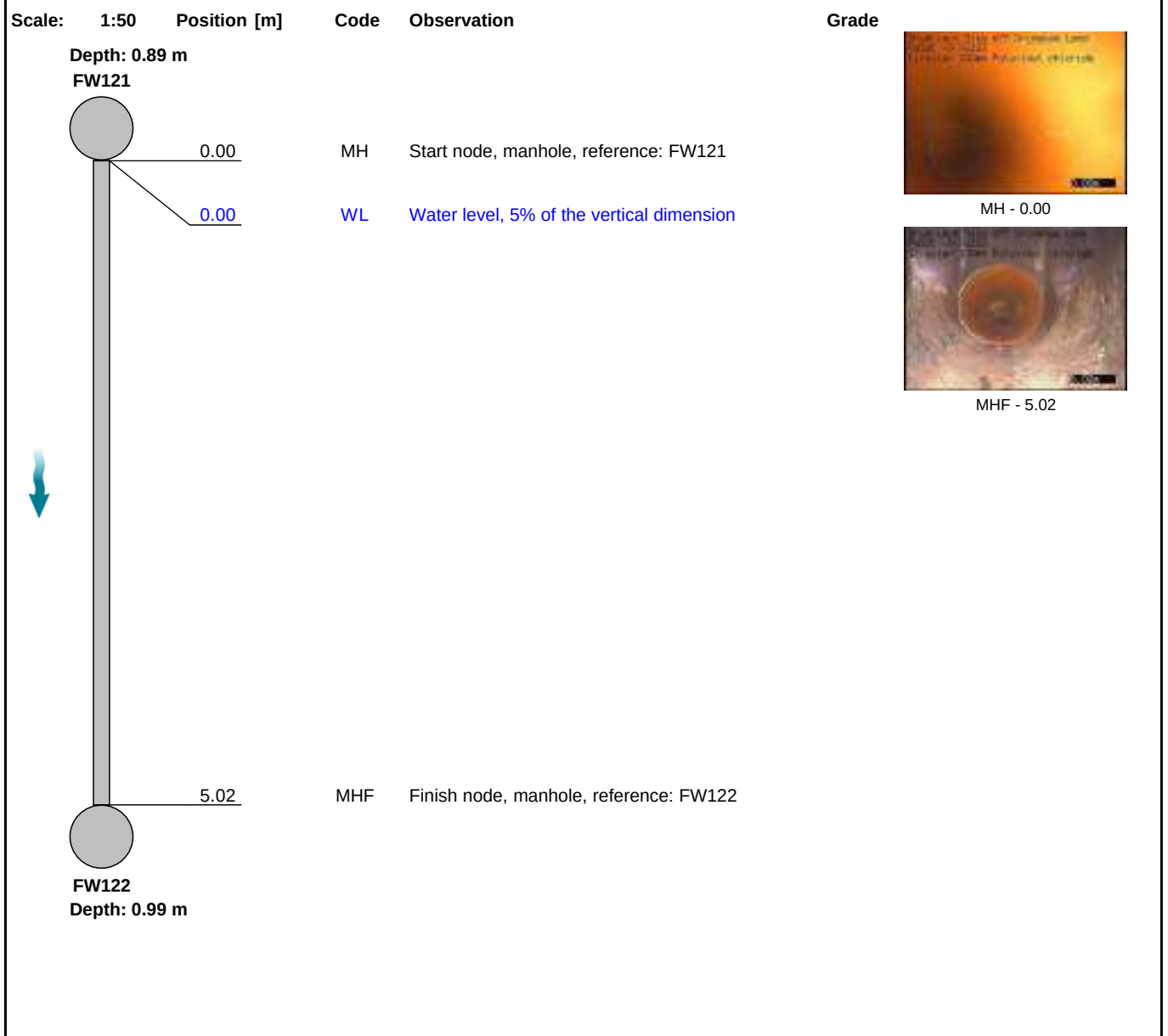


Item No. 89	Insp. No. 1	Date: 25/06/24	Time: 12:10	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW121X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW121
Road:	Grimshaw Lane	Inspected Length:	5.02 m	Upstream Pipe Depth:	0.89
Post Code:	M40 2BA	Total Length:	5.02 m	Downstream Node:	FW122
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.99
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - FW121X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
89	Downstream	FW121X	89	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW121



2, 00:00:32, 5.02 m
Finish node, manhole, reference: FW122



Section Inspection - 25/06/2024 - UC22X

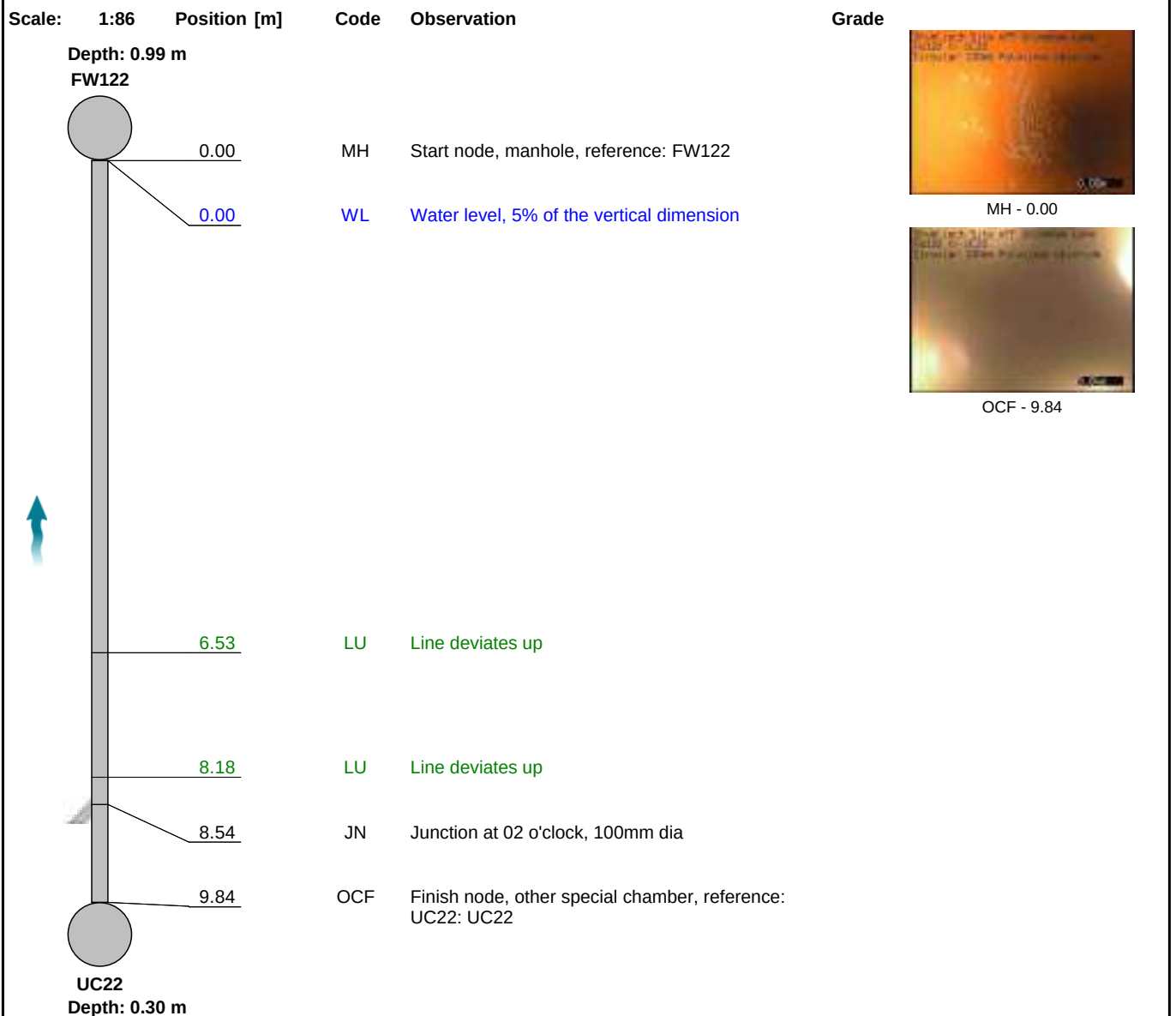


Item No. 90	Insp. No. 1	Date: 25/06/24	Time: 12:14	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC22X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC22
Road:	Grimshaw Lane	Inspected Length:	9.84 m	Upstream Pipe Depth:	0.30
Post Code:	M40 2BA	Total Length:	9.84 m	Downstream Node:	FW122
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.99
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - UC22X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
90	Upstream	UC22X	90	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW122



2, 00:01:09, 9.84 m
Finish node, other special chamber, reference: UC22, UC22



Section Inspection - 25/06/2024 - UC23X

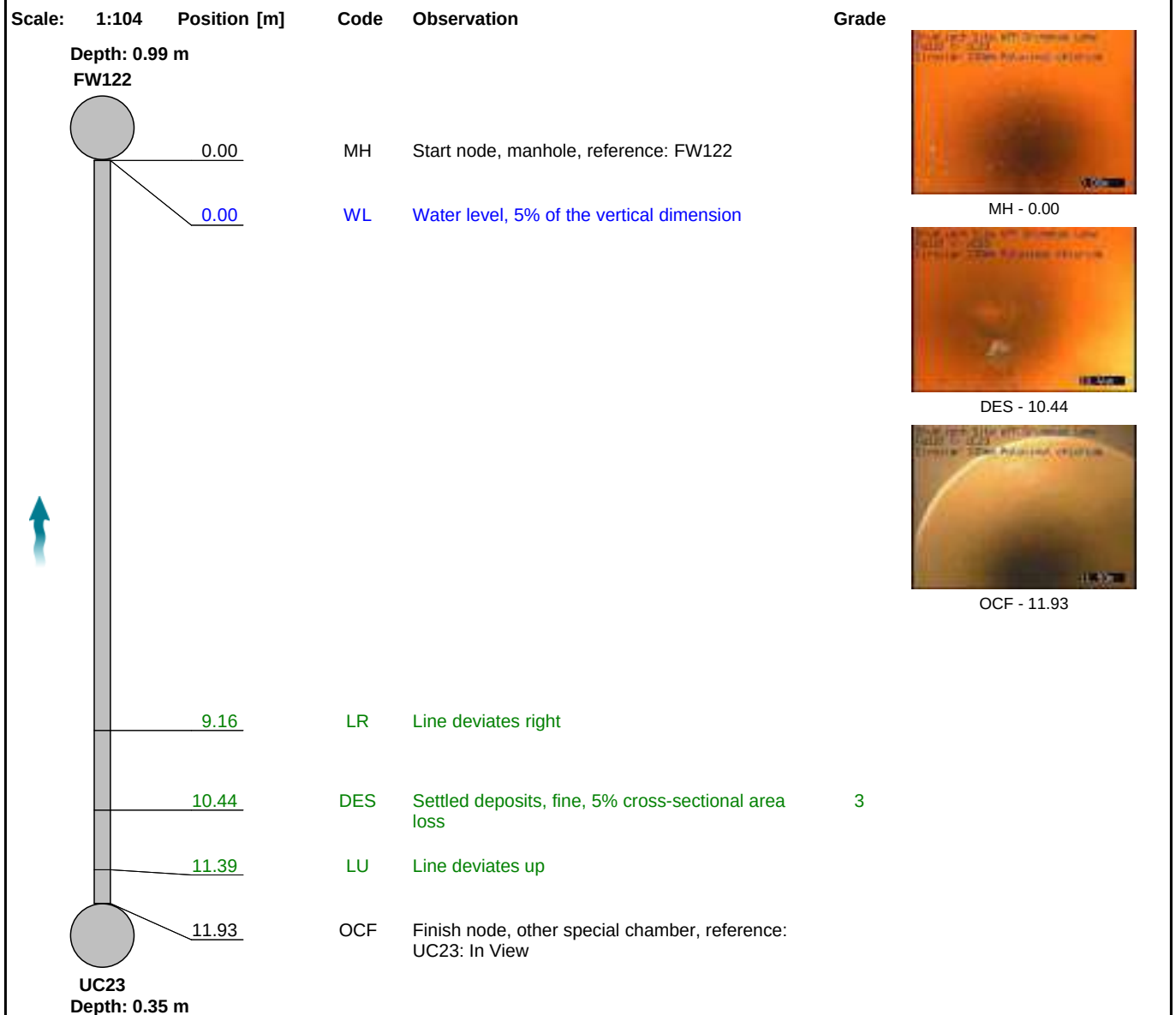


Item No. 91	Insp. No. 1	Date: 25/06/24	Time: 12:17	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC23X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC23
Road:	Grimshaw Lane	Inspected Length:	11.93 m	Upstream Pipe Depth:	0.35
Post Code:	M40 2BA	Total Length:	11.93 m	Downstream Node:	FW122
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.99
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

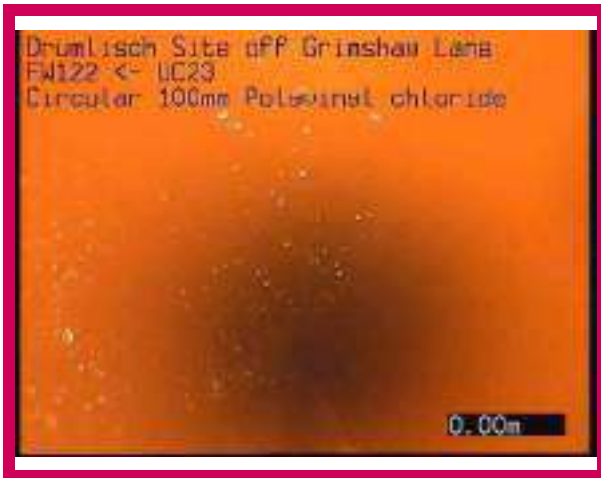


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	0.2	2.0	3.0



Section Pictures - 25/06/2024 - UC23X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
91	Upstream	UC23X	91	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW122



2, 00:01:13, 10.44 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:01:30, 11.93 m
Finish node, other special chamber, reference: UC23, In View

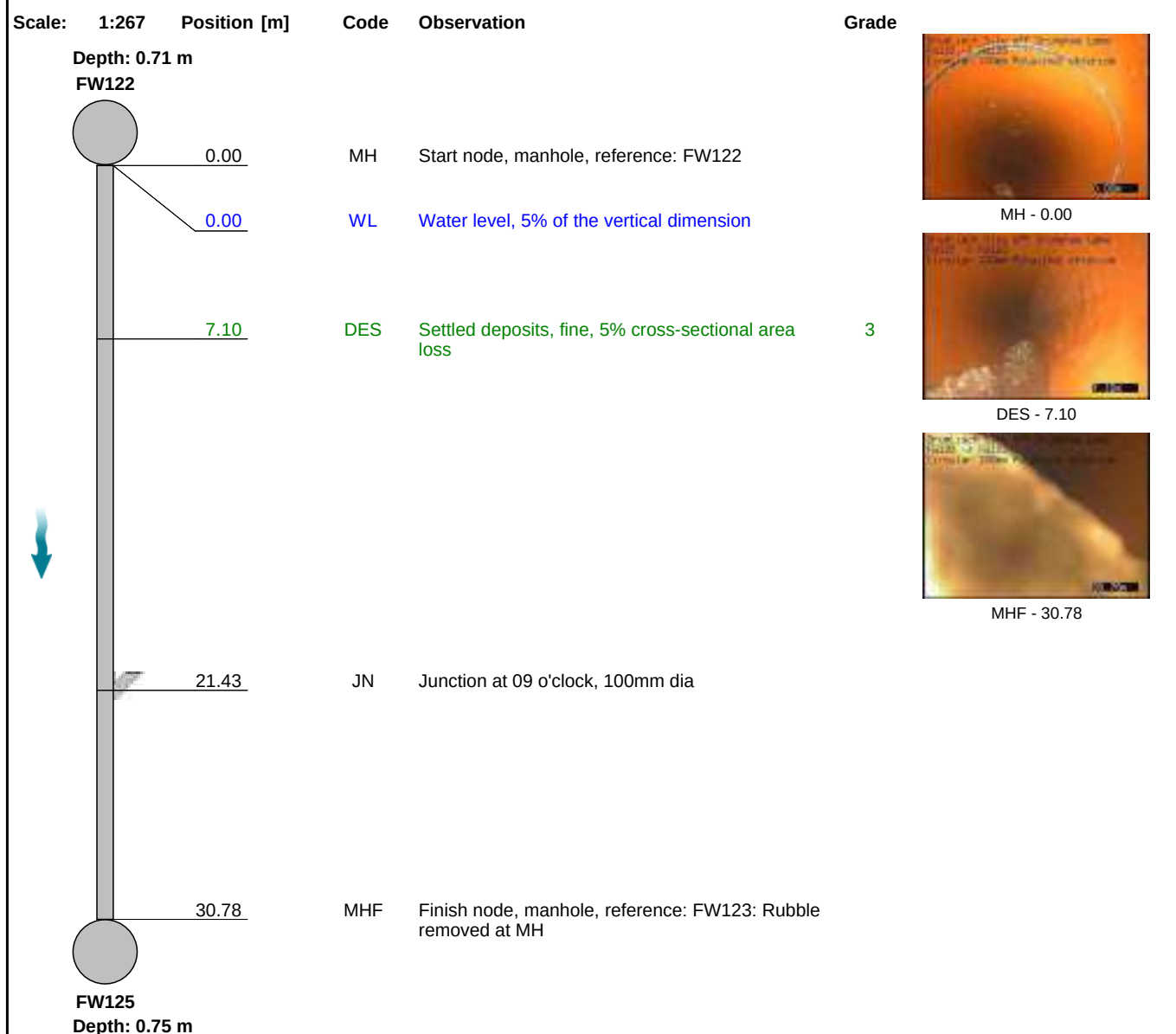
Section Inspection - 25/06/2024 - FW122X

Item No. 92	Insp. No. 1	Date: 25/06/24	Time: 12:39	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW122X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW122
Road:	Grimshaw Lane	Inspected Length:	30.78 m	Upstream Pipe Depth:	0.71
Post Code:	M40 2BA	Total Length:	30.78 m	Downstream Node:	FW125
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.75
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

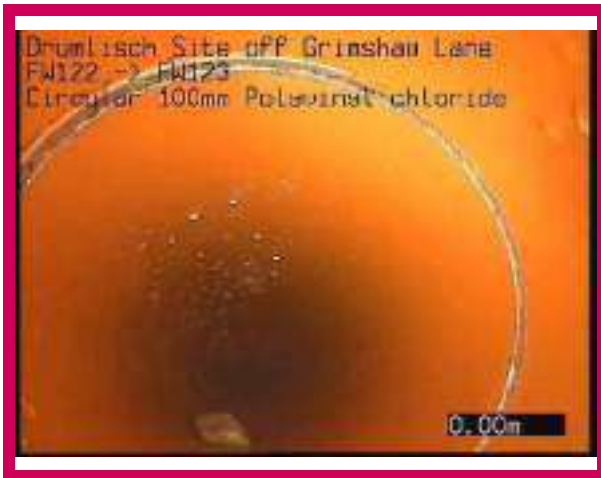


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	0.1	2.0	3.0



Section Pictures - 25/06/2024 - FW122X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
92	Downstream	FW122X	92	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW122



2, 00:00:26, 7.10 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:01:55, 30.78 m
Finish node, manhole, reference: FW123, Rubble removed at
MH



Section Inspection - 25/06/2024 - UC24X



Item No. 93	Insp. No. 1	Date: 25/06/24	Time: 13:55	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC24X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC24
Road:	Grimshaw Lane	Inspected Length:	6.20 m	Upstream Pipe Depth:	0.30
Post Code:	M40 2BA	Total Length:	6.20 m	Downstream Node:	FW123
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:54	Position [m]	Code	Observation	Grade
Depth: 0.73 m FW123					
		0.00	MH	Start node, manhole, reference: FW123	 MH - 0.00
		0.00	WL	Water level, 5% of the vertical dimension	
		4.71	DES	Settled deposits, fine, 5% cross-sectional area loss	 DES - 4.71
		5.33	LU	Line deviates up	
		6.20	OCF	Finish node, other special chamber, reference: UC24: In veiw due to line up and unable to push	 OCF - 6.20
UC24 Depth: 0.30 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	1	2.0	0.3	2.0	3.0



Section Pictures - 25/06/2024 - UC24X

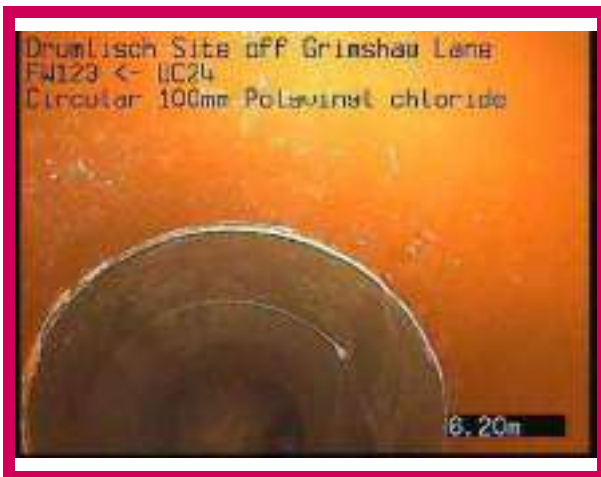
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
93	Upstream	UC24X	93	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW123



2, 00:00:31, 4.71 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:00:48, 6.20 m
Finish node, other special chamber, reference: UC24, In veiw
due to line up and unable to push



Section Inspection - 25/06/2024 - UC25X

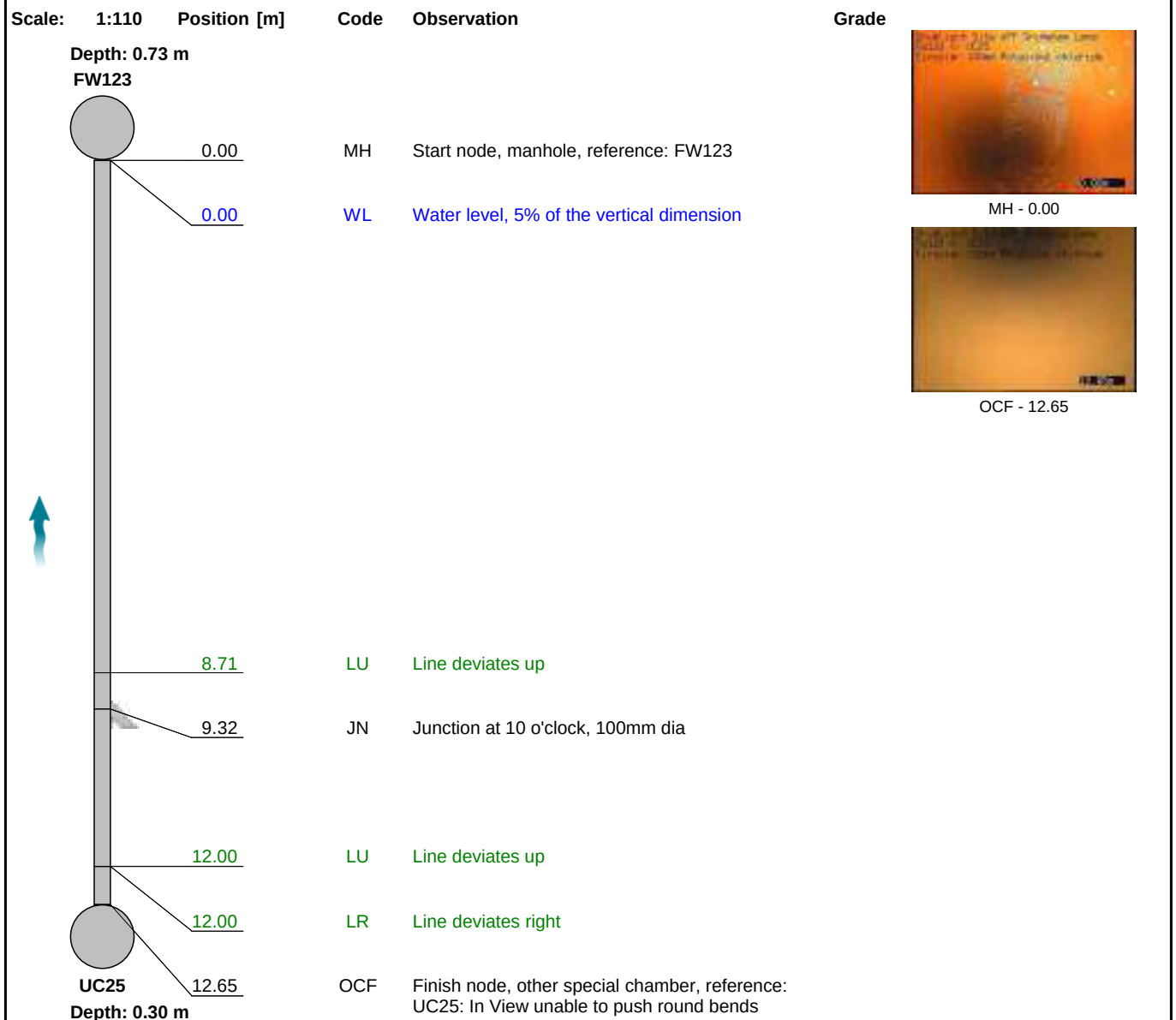


Item No. 94	Insp. No. 1	Date: 25/06/24	Time: 13:58	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC25X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC25
Road:	Grimshaw Lane	Inspected Length:	12.65 m	Upstream Pipe Depth:	0.30
Post Code:	M40 2BA	Total Length:	12.65 m	Downstream Node:	FW123
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

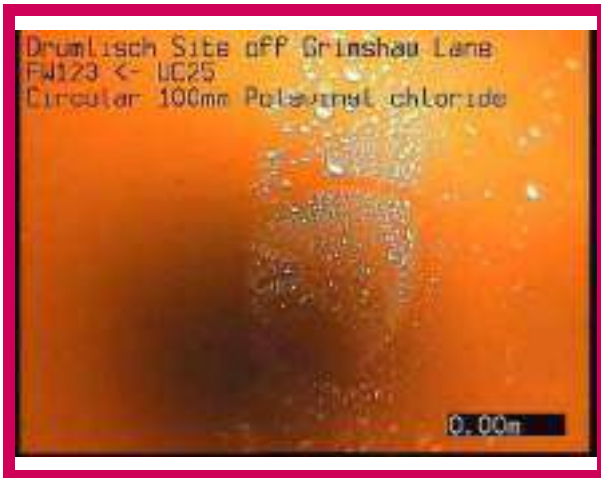


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 25/06/2024 - UC25X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
94	Upstream	UC25X	94	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW123



2, 00:01:09, 12.65 m
Finish node, other special chamber, reference: UC25, In View
unable to push round bends



Section Inspection - 25/06/2024 - UC26X

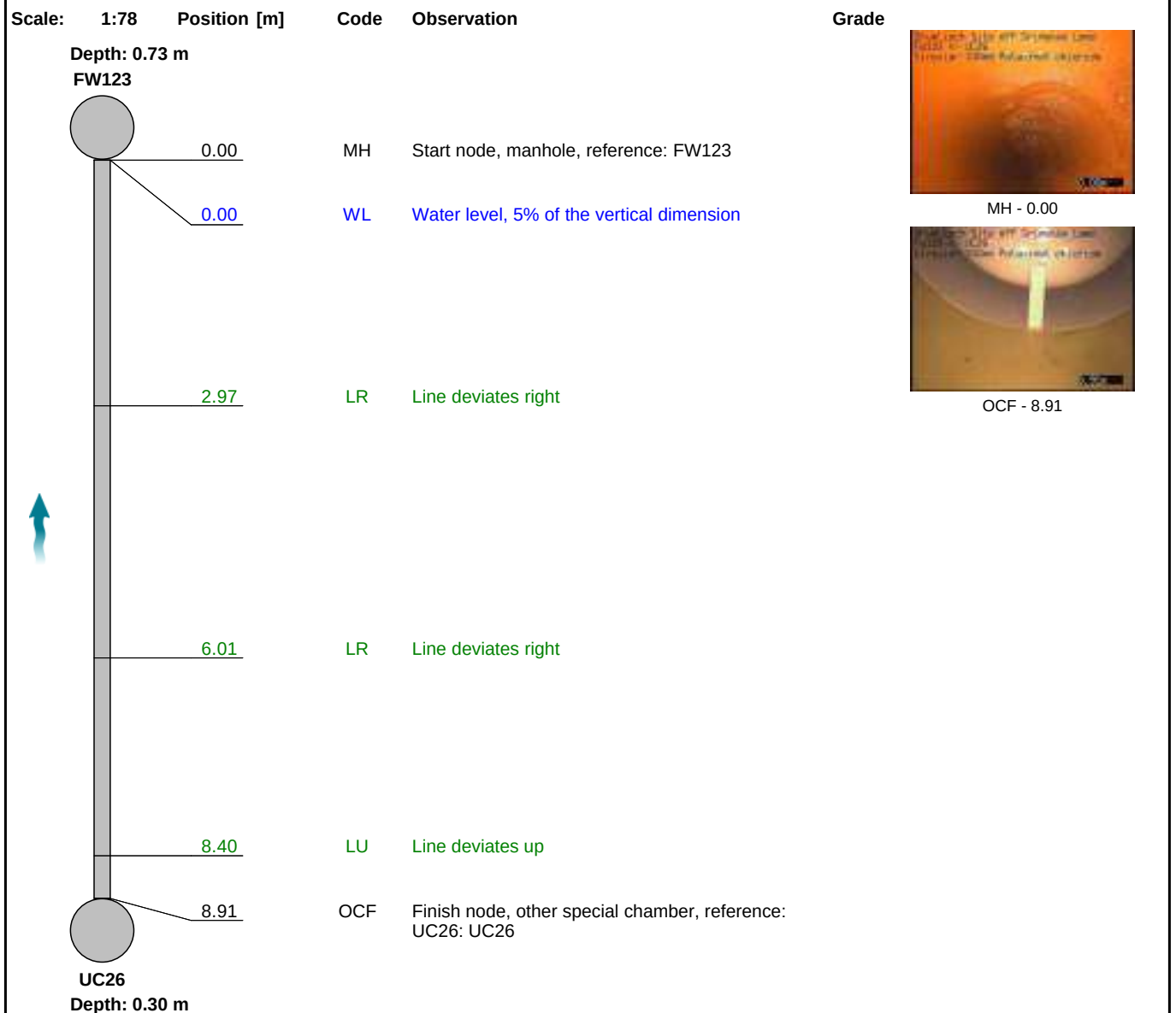


Item No. 95	Insp. No. 1	Date: 25/06/24	Time: 14:01	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC26X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC26
Road:	Grimshaw Lane	Inspected Length:	8.91 m	Upstream Pipe Depth:	0.30
Post Code:	M40 2BA	Total Length:	8.91 m	Downstream Node:	FW123
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - UC26X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
95	Upstream	UC26X	95	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW123



2, 00:00:50, 8.91 m
Finish node, other special chamber, reference: UC26, UC26



Section Inspection - 25/06/2024 - UC27X



Item No. 96	Insp. No. 1	Date: 25/06/24	Time: 14:03	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC27X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC27
Road:	Grimshaw Lane	Inspected Length:	11.01 m	Upstream Pipe Depth:	0.32
Post Code:	M40 2BA	Total Length:	11.01 m	Downstream Node:	FW123
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:96	Position [m]	Code	Observation	Grade
Depth: 0.73 m FW123					
		0.00	MH	Start node, manhole, reference: FW123	
		0.00	WL	Water level, 5% of the vertical dimension	MH - 0.00
		2.62	LR	Line deviates right	DES - 9.41
		5.73	LR	Line deviates right	OCF - 11.01
		9.08	LL	Line deviates left	
		9.41	DES	Settled deposits, fine, 5% cross-sectional area loss	3
		10.64	LU	Line deviates up	
		11.01	OCF	Finish node, other special chamber, reference: UC27: UC27	
		UC27 Depth: 0.32 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	1	2.0	0.2	2.0	3.0



Section Pictures - 25/06/2024 - UC27X

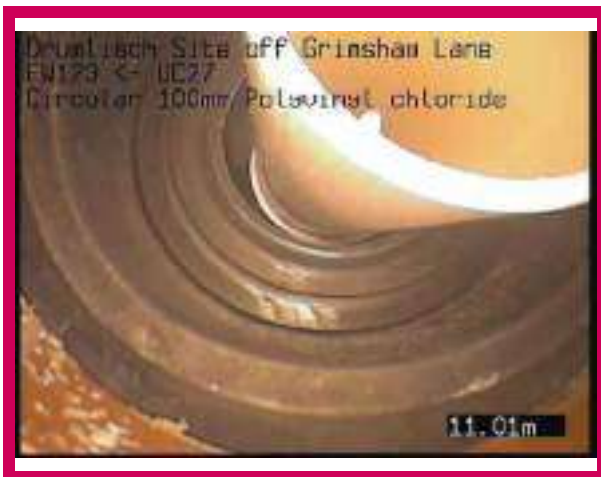
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
96	Upstream	UC27X	96	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW123



2, 00:00:51, 9.41 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:01:01, 11.01 m
Finish node, other special chamber, reference: UC27, UC27



Section Inspection - 25/06/2024 - UC28X

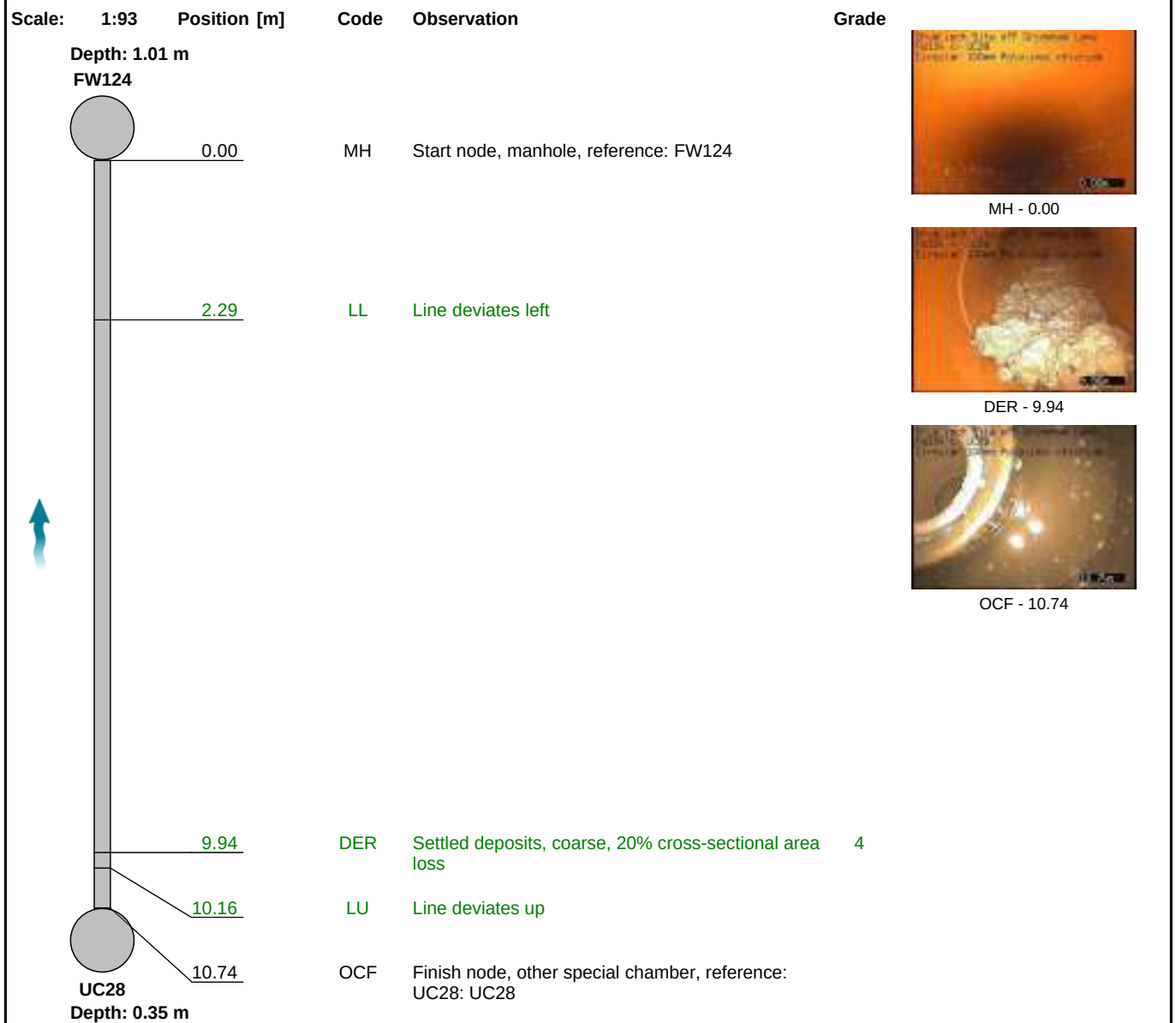


Item No. 97	Insp. No. 1	Date: 25/06/24	Time: 15:05	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC28X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC28
Road:	Grimshaw Lane	Inspected Length:	10.74 m	Upstream Pipe Depth:	0.35
Post Code:	M40 2BA	Total Length:	10.74 m	Downstream Node:	FW124
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.01
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



MH - 0.00



DER - 9.94



OCF - 10.74

Construction Features

Miscellaneous Features

Structural Defects

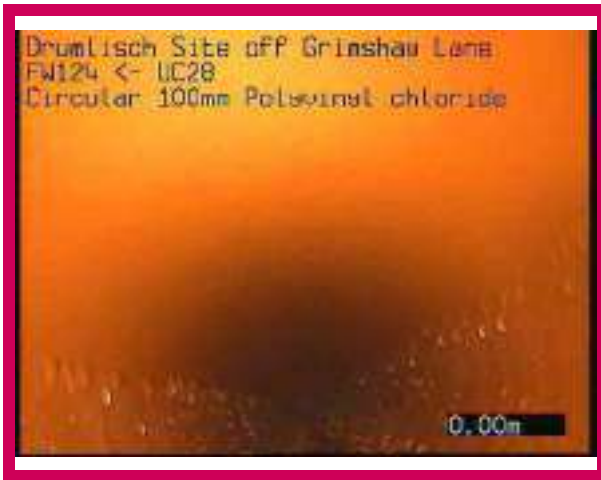
Service & Operational Observations

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	5.0	0.5	5.0	4.0



Section Pictures - 25/06/2024 - UC28X

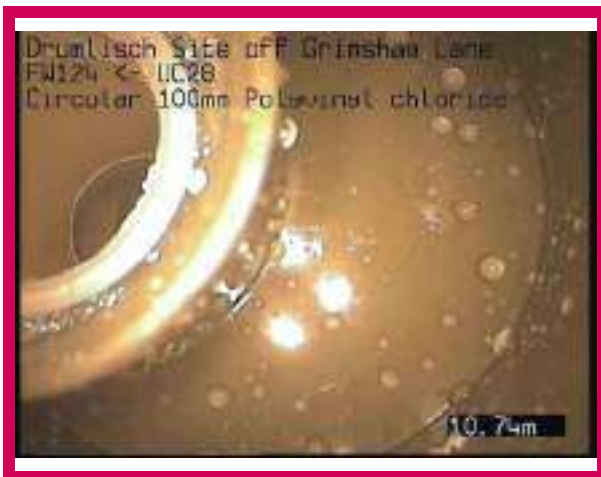
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
97	Upstream	UC28X	97	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW124



2, 00:00:56, 9.94 m
Settled deposits, coarse, 20% cross-sectional area loss



3, 00:02:40, 10.74 m
Finish node, other special chamber, reference: UC28, UC28



Section Inspection - 25/06/2024 - UC29X

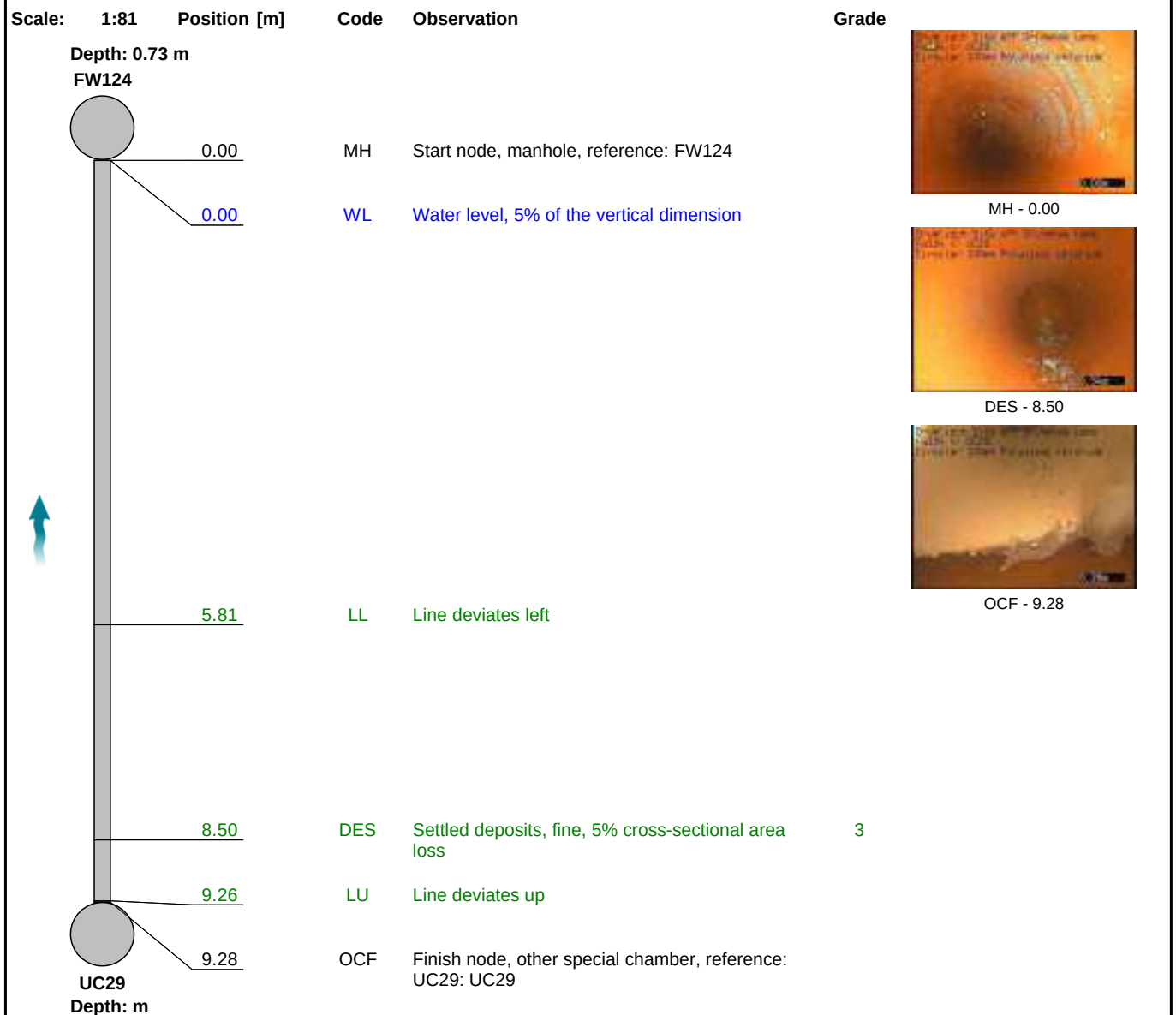


Item No. 98	Insp. No. 1	Date: 25/06/24	Time: 15:16	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC29X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC29
Road:	Grimshaw Lane	Inspected Length:	9.28 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	9.28 m	Downstream Node:	FW124
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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	1	2.0	0.2	2.0	3.0



Section Pictures - 25/06/2024 - UC29X

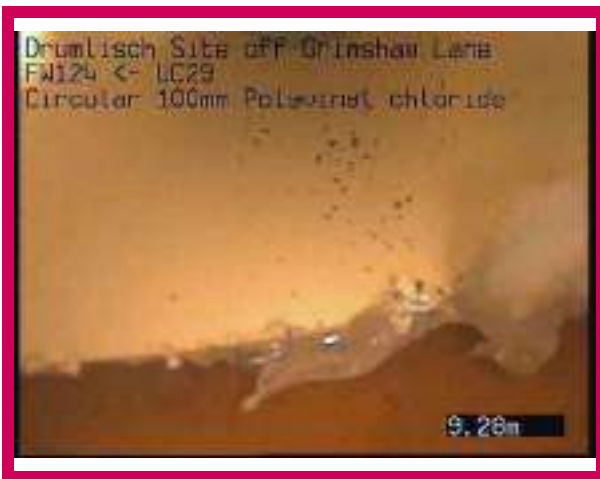
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
98	Upstream	UC29X	98	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW124



2, 00:00:47, 8.50 m
Settled deposits, fine, 5% cross-sectional area loss



3, 00:00:56, 9.28 m
Finish node, other special chamber, reference: UC29, UC29



Section Inspection - 25/06/2024 - UC30X

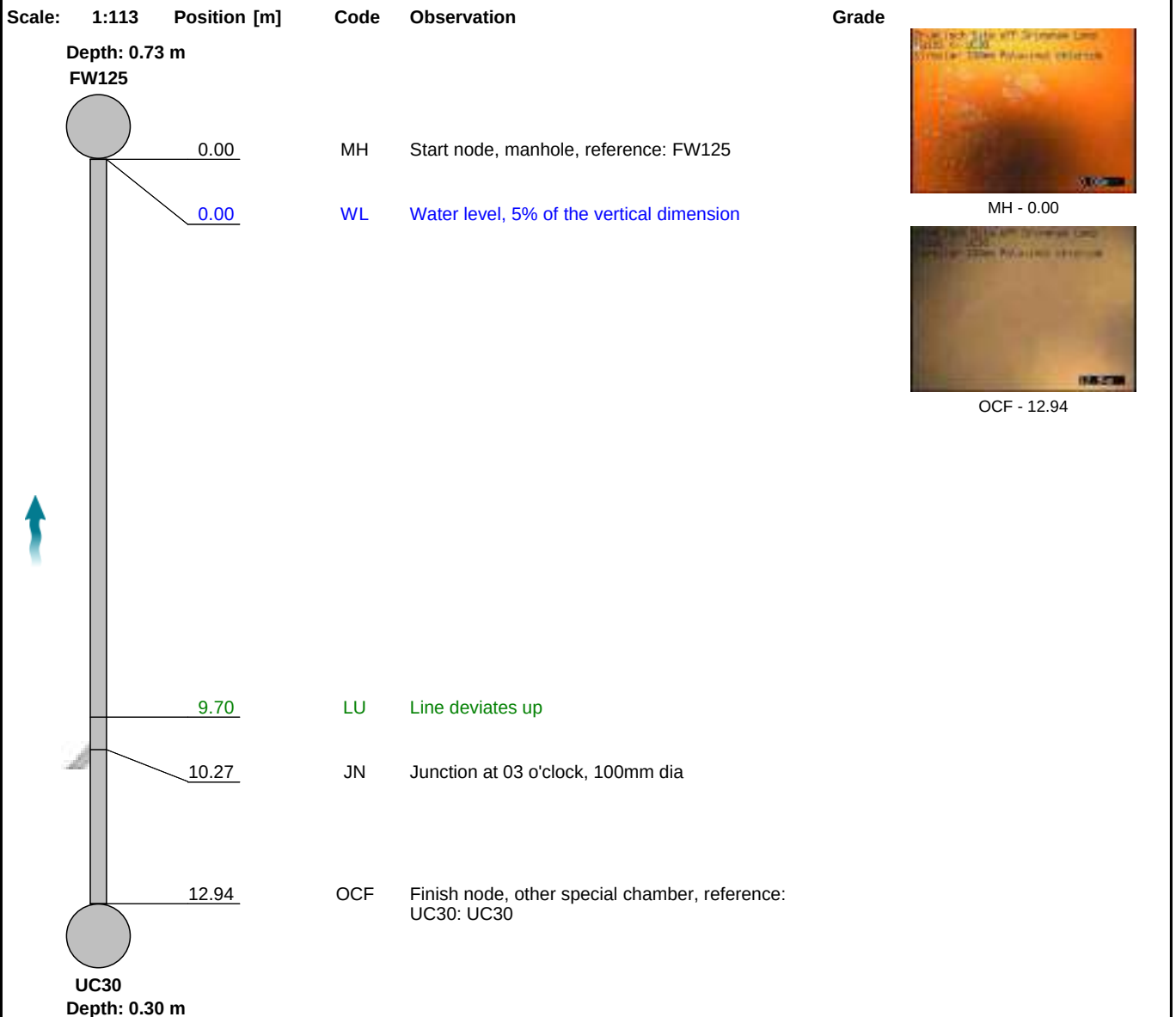


Item No. 99	Insp. No. 1	Date: 25/06/24	Time: 15:22	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC30X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC30
Road:	Grimshaw Lane	Inspected Length:	12.94 m	Upstream Pipe Depth:	0.30
Post Code:	M40 2BA	Total Length:	12.94 m	Downstream Node:	FW125
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - UC30X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
99	Upstream	UC30X	99	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW125



2, 00:01:24, 12.94 m
Finish node, other special chamber, reference: UC30, UC30



Section Inspection - 25/06/2024 - UC31X

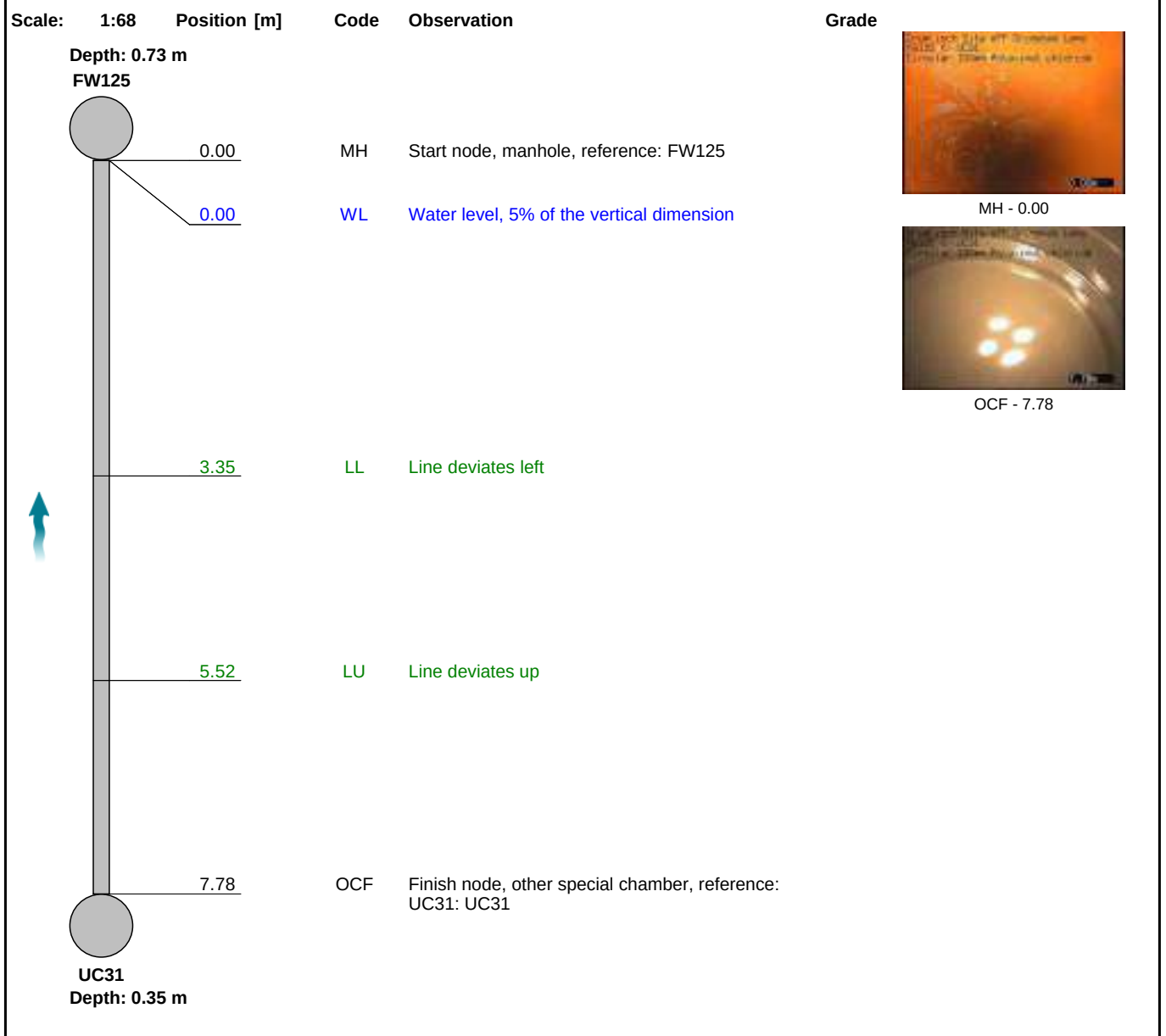


Item No. 100	Insp. No. 1	Date: 25/06/24	Time: 15:24	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC31X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC31
Road:	Grimshaw Lane	Inspected Length:	7.78 m	Upstream Pipe Depth:	0.35
Post Code:	M40 2BA	Total Length:	7.78 m	Downstream Node:	FW125
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - UC31X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
100	Upstream	UC31X	100	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW125



2, 00:00:56, 7.78 m
Finish node, other special chamber, reference: UC31, UC31



Section Inspection - 25/06/2024 - FW124X



Item No. 101	Insp. No. 1	Date: 25/06/24	Time: 15:38	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW124X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW124
Road:	Grimshaw Lane	Inspected Length:	0.55 m	Upstream Pipe Depth:	0.73
Post Code:	M40 2BA	Total Length:	0.55 m	Downstream Node:	FW125
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
		0.00	MH	Start node, manhole, reference: FW124	
		0.00	WL	Water level, 5% of the vertical dimension	MH - 0.00
		0.55	MHF	Finish node, manhole, reference: FW125	
					MHF - 0.55

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 - 25/06/2024 - FW124X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
101	Downstream	FW124X	101	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW124



2, 00:00:53, 0.55 m
Finish node, manhole, reference: FW125



Section Inspection - 25/06/2024 - FW125X

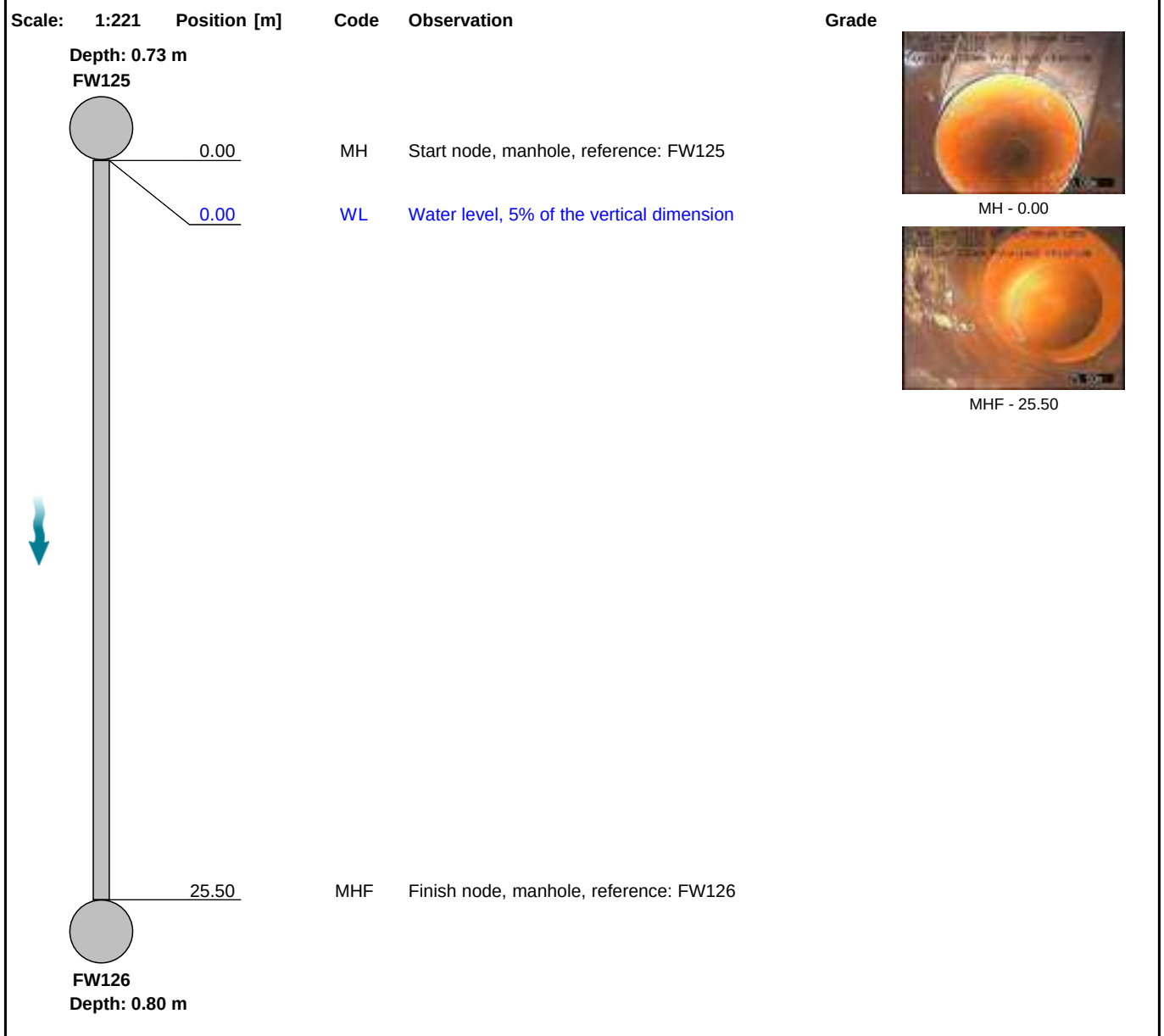


Item No. 102	Insp. No. 1	Date: 25/06/24	Time: 15:39	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW125X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW125
Road:	Grimshaw Lane	Inspected Length:	25.50 m	Upstream Pipe Depth:	0.73
Post Code:	M40 2BA	Total Length:	25.50 m	Downstream Node:	FW126
Surface Type:		Joint Length:	1.00 m	Downstream Pipe Depth:	0.80
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 25/06/2024 - FW125X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
102	Downstream	FW125X	102	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW125



2, 00:01:47, 25.50 m
Finish node, manhole, reference: FW126



Section Inspection - 26/06/2024 - UC32X

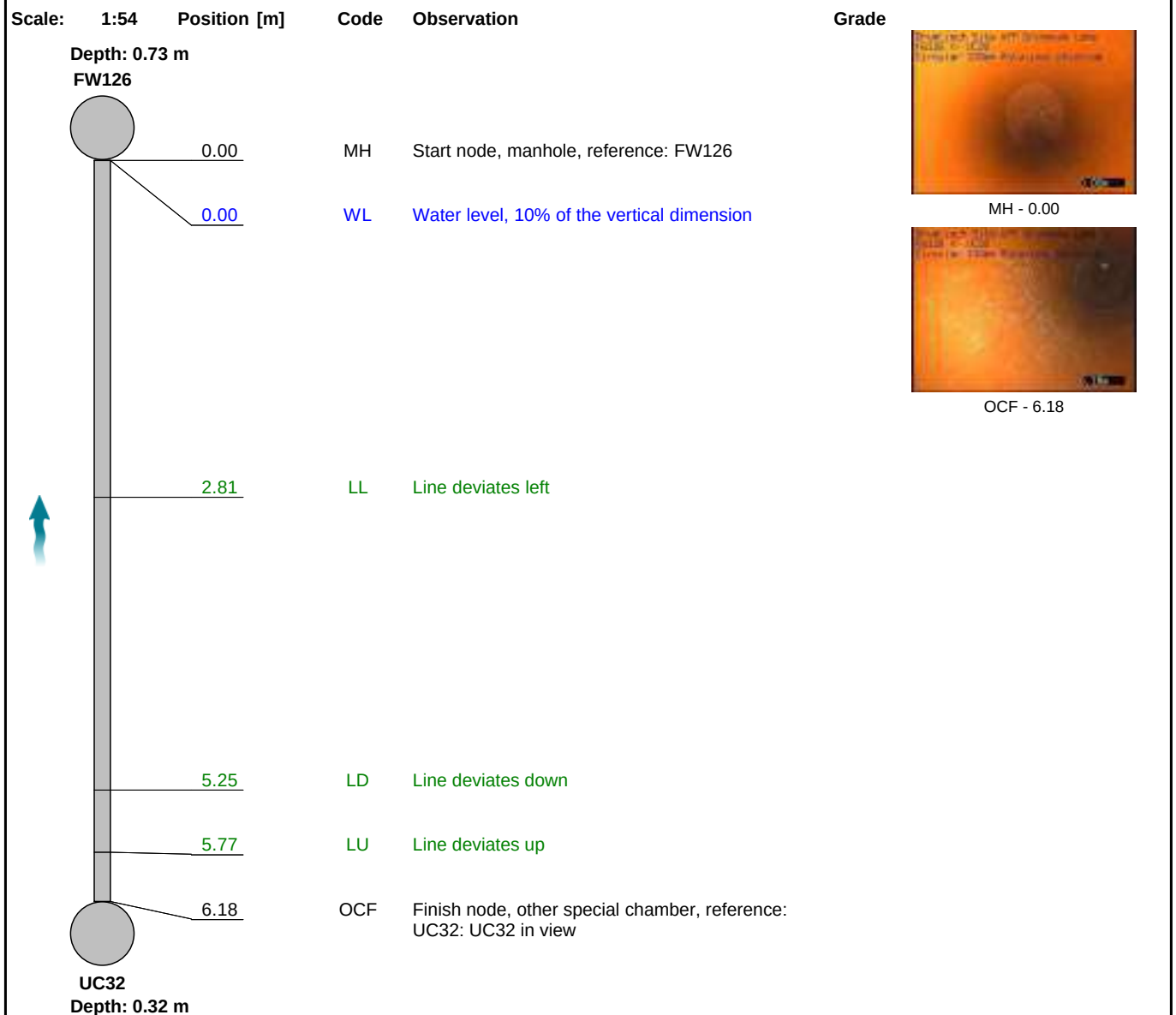


Item No. 103	Insp. No. 1	Date: 26/06/24	Time: 8:02	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC32X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC32
Road:	Grimshaw Lane	Inspected Length:	6.18 m	Upstream Pipe Depth:	0.32
Post Code:	M40 2BA	Total Length:	6.18 m	Downstream Node:	FW126
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

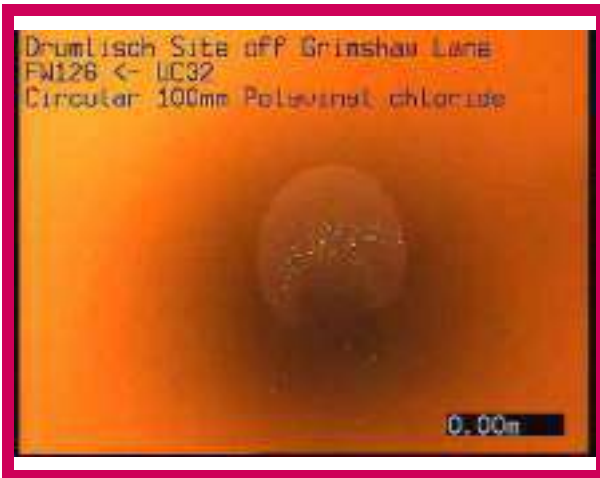
Service & Operational Observations

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 - 26/06/2024 - UC32X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
103	Upstream	UC32X	103	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW126



2, 00:00:54, 6.18 m
Finish node, other special chamber, reference: UC32, UC32 in view



Section Inspection - 26/06/2024 - UC33X

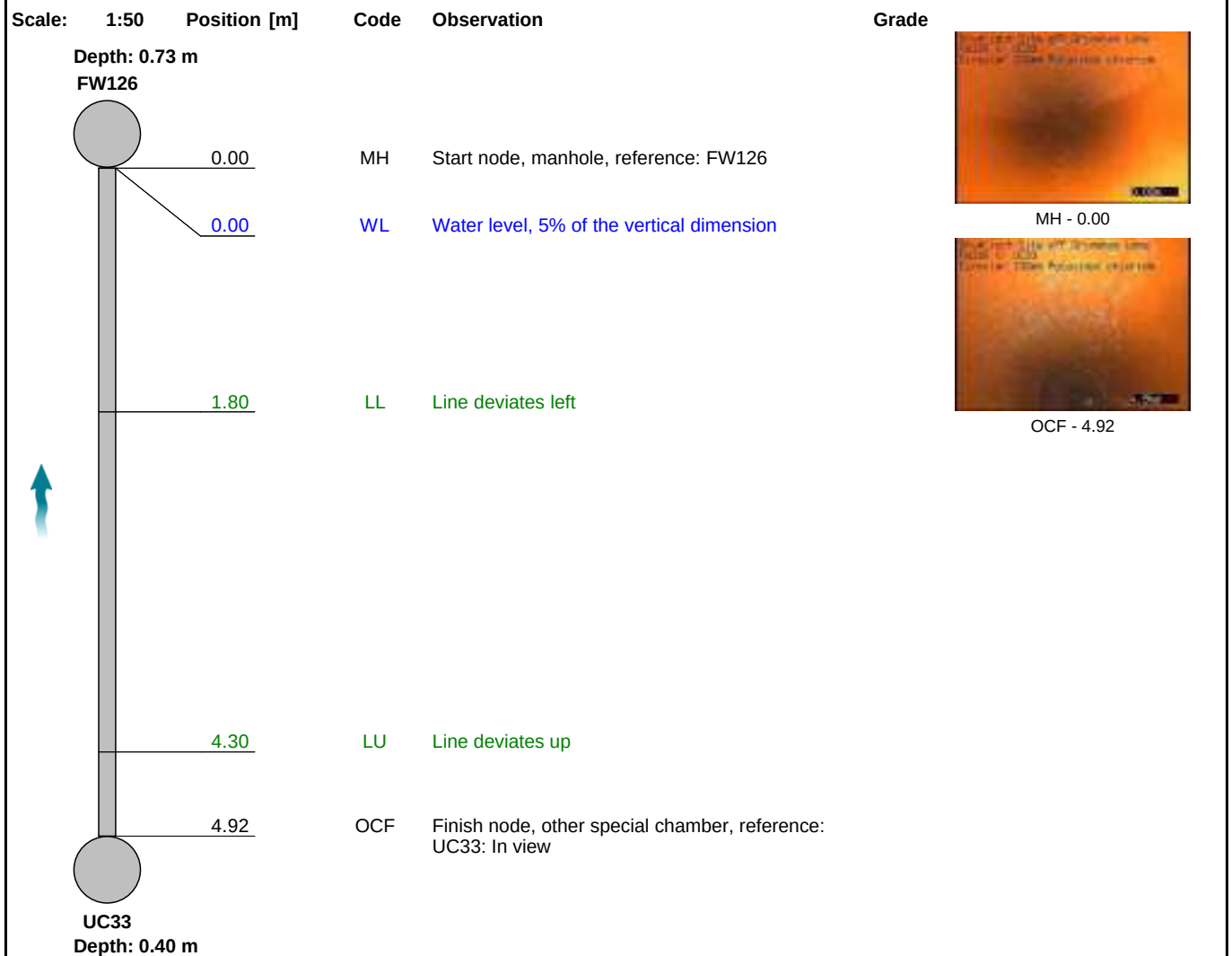


Item No. 104	Insp. No. 1	Date: 26/06/24	Time: 8:04	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC33X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC33
Road:	Grimshaw Lane	Inspected Length:	4.92 m	Upstream Pipe Depth:	0.40
Post Code:	M40 2BA	Total Length:	4.92 m	Downstream Node:	FW126
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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

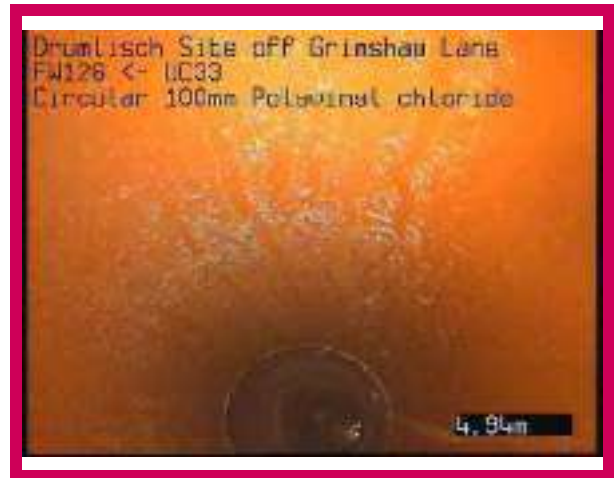


Section Pictures - 26/06/2024 - UC33X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
104	Upstream	UC33X	104	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW126



2, 00:00:33, 4.92 m
Finish node, other special chamber, reference: UC33, In view



Section Inspection - 26/06/2024 - FW120X

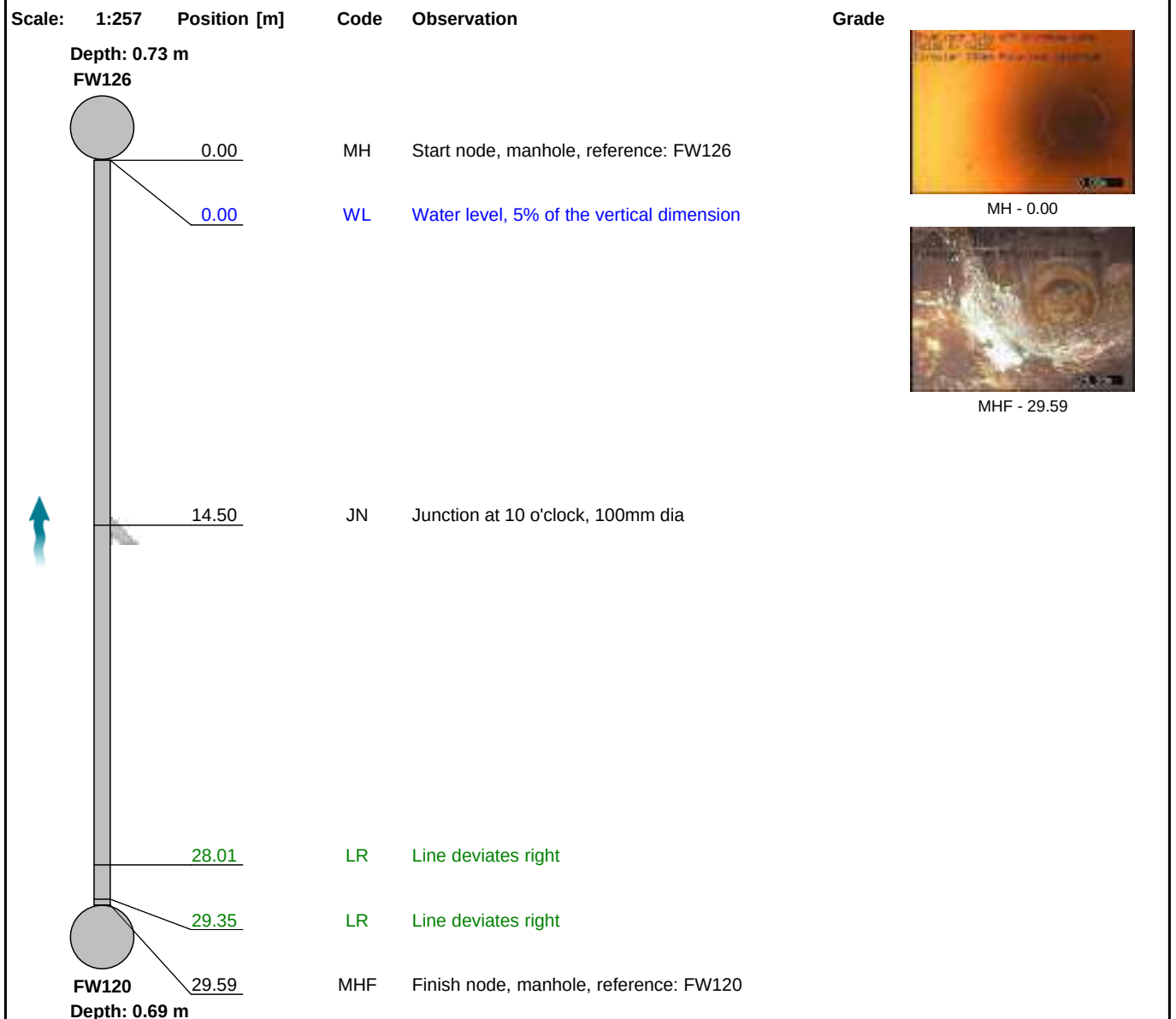


Item No. 105	Insp. No. 1	Date: 26/06/24	Time: 8:09	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW120X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW120
Road:	Grimshaw Lane	Inspected Length:	29.59 m	Upstream Pipe Depth:	0.69
Post Code:	M40 2BA	Total Length:	29.59 m	Downstream Node:	FW126
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.73
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

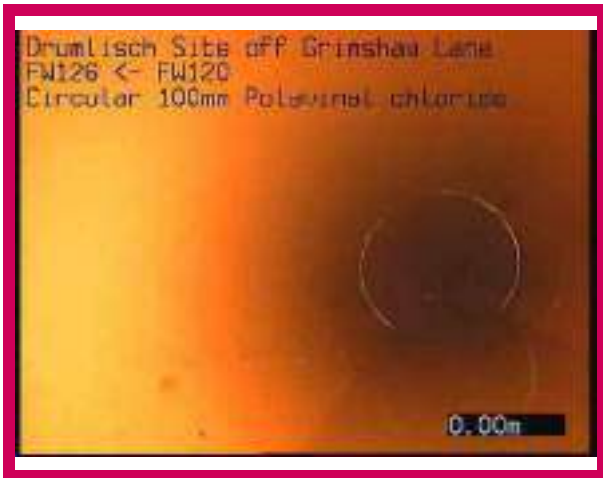
Service & Operational Observations

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 - 26/06/2024 - FW120X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
105	Upstream	FW120X	105	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW126



2, 00:02:02, 29.59 m
Finish node, manhole, reference: FW120



Section Inspection - 26/06/2024 - FW126X

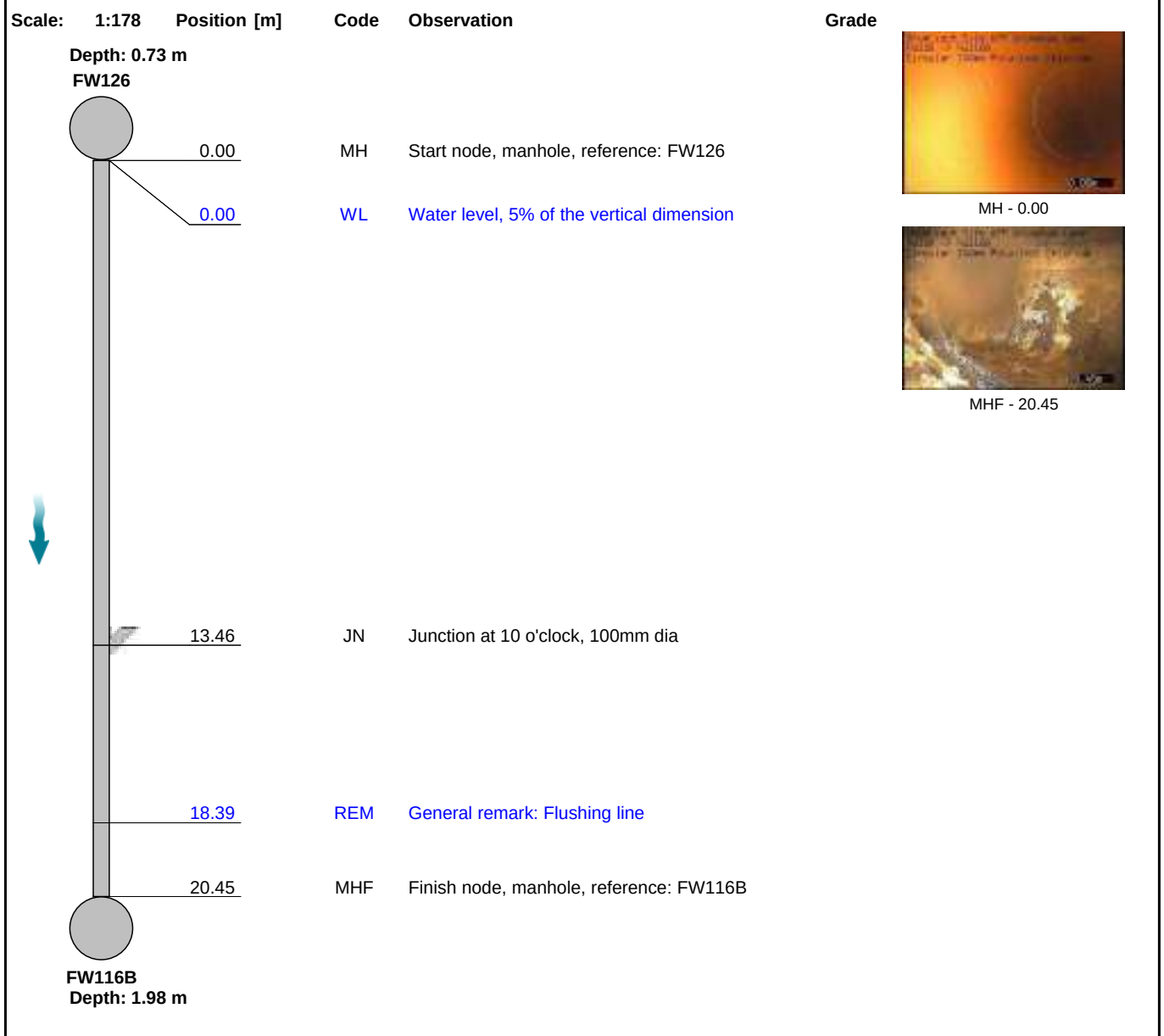


Item No. 106	Insp. No. 1	Date: 26/06/24	Time: 8:16	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW126X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW126
Road:	Grimshaw Lane	Inspected Length:	20.45 m	Upstream Pipe Depth:	0.73
Post Code:	M40 2BA	Total Length:	20.45 m	Downstream Node:	FW116B
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.98
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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	2	2.0	0.2	4.0	3.0

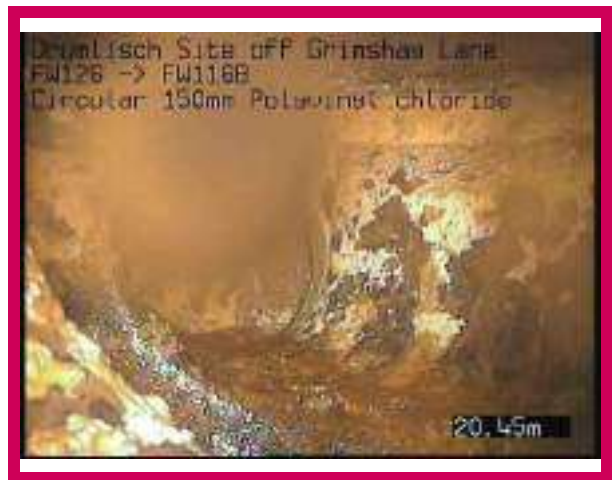


Section Pictures - 26/06/2024 - FW126X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
106	Downstream	FW126X	106	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW126



2, 00:03:19, 20.45 m
Finish node, manhole, reference: FW116B



Section Inspection - 26/06/2024 - UC34X

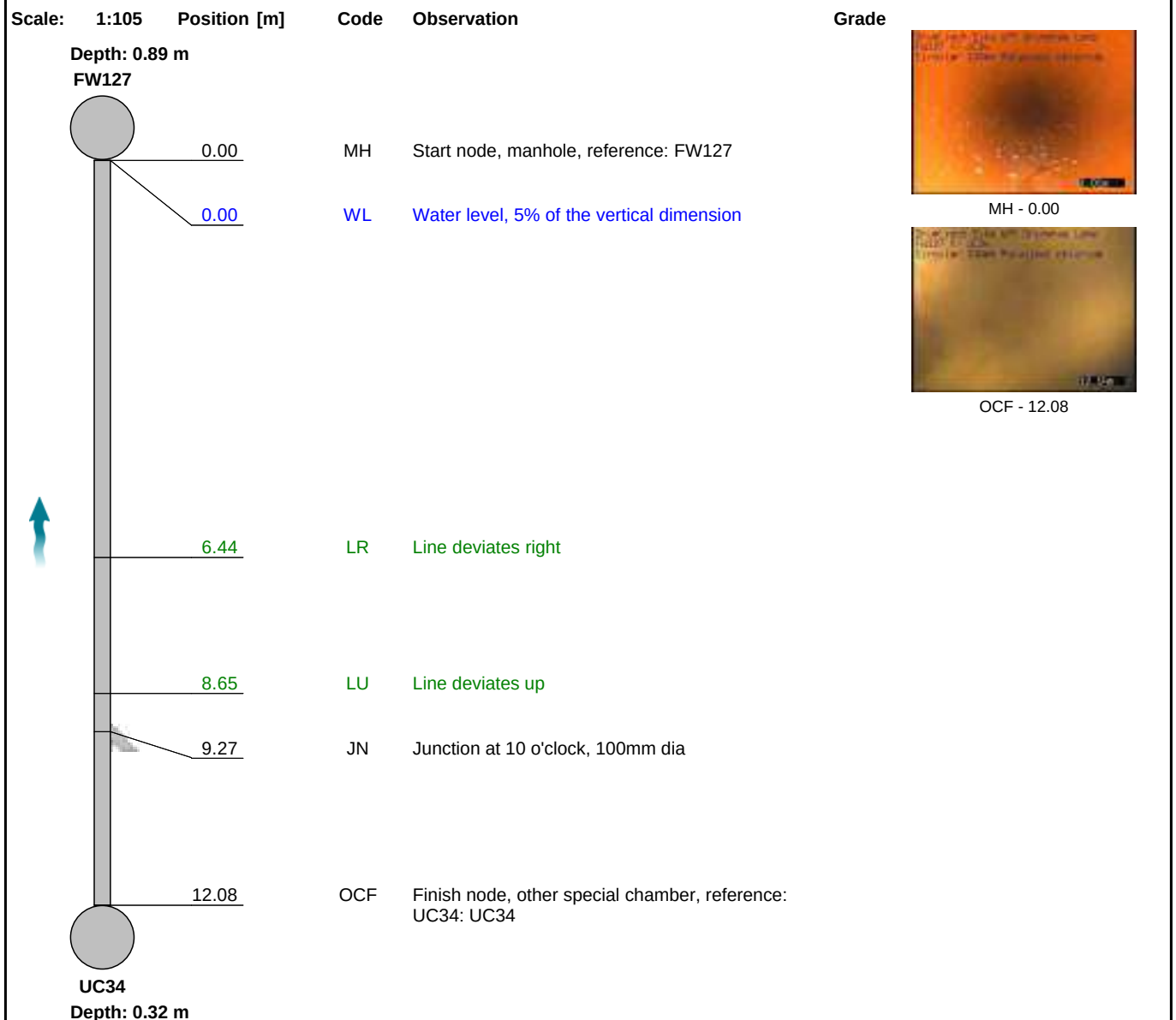


Item No. 107	Insp. No. 1	Date: 26/06/24	Time: 8:55	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC34X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC34
Road:	Grimshaw Lane	Inspected Length:	12.08 m	Upstream Pipe Depth:	0.32
Post Code:	M40 2BA	Total Length:	12.08 m	Downstream Node:	FW127
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

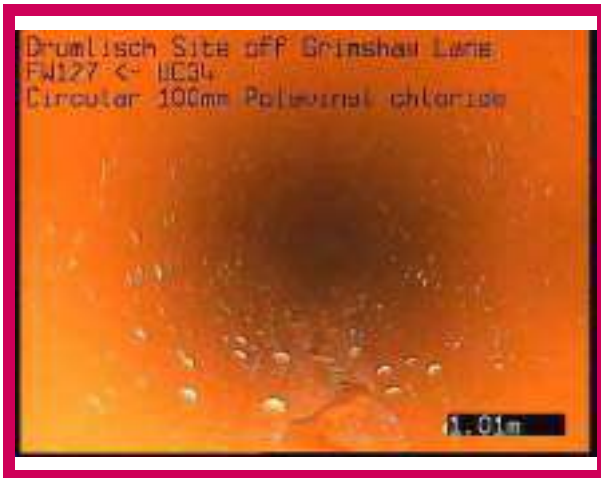


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 26/06/2024 - UC34X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
107	Upstream	UC34X	107	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW127



2, 00:00:52, 12.08 m
Finish node, other special chamber, reference: UC34, UC34



Section Inspection - 26/06/2024 - UC35X

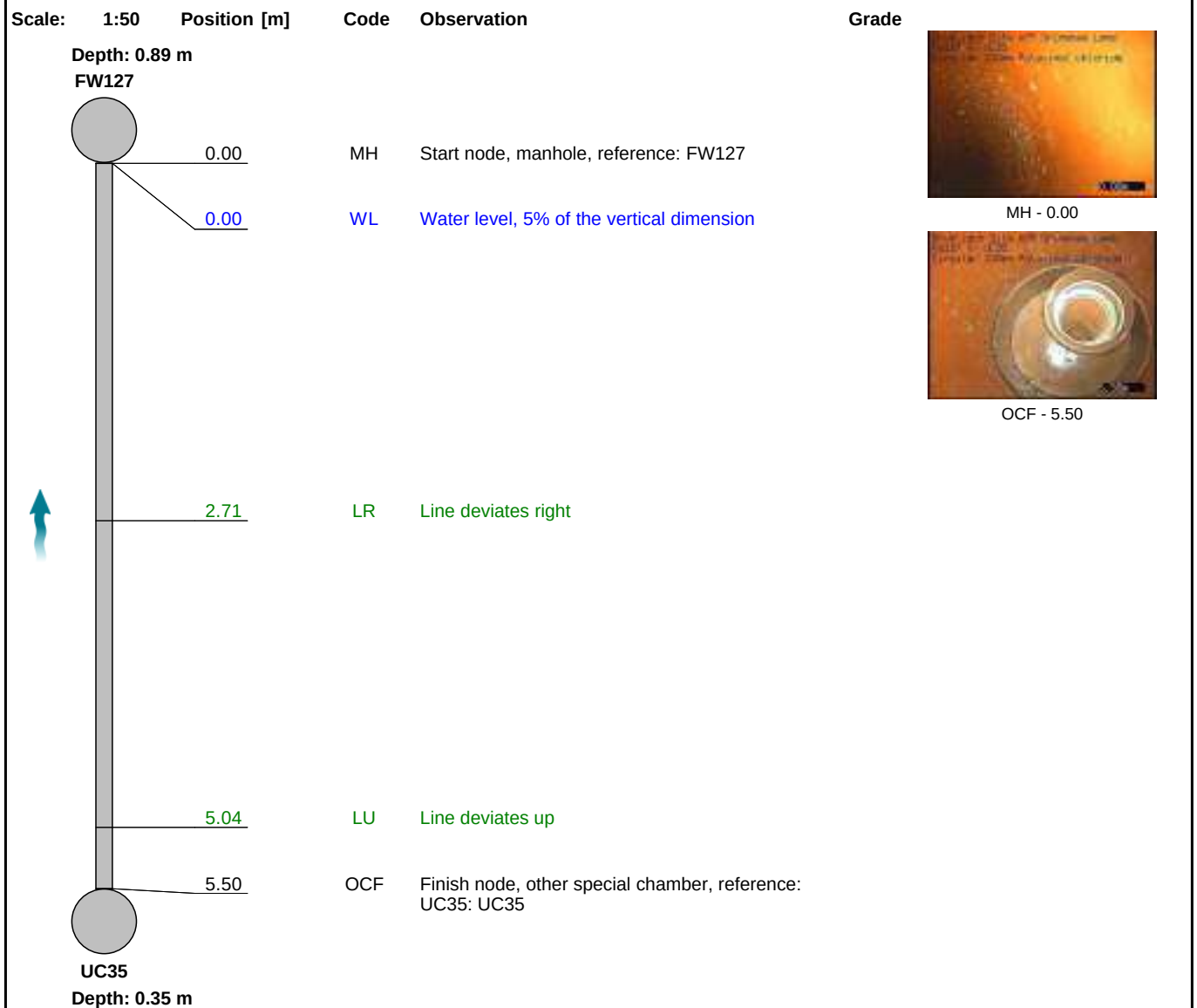


Item No. 108	Insp. No. 1	Date: 26/06/24	Time: 8:58	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC35X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC35
Road:	Grimshaw Lane	Inspected Length:	5.50 m	Upstream Pipe Depth:	0.35
Post Code:	M40 2BA	Total Length:	5.50 m	Downstream Node:	FW127
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

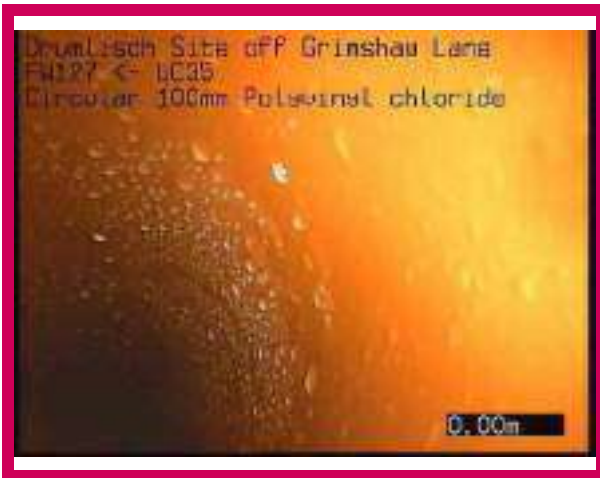
Service & Operational Observations

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 - 26/06/2024 - UC35X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
108	Upstream	UC35X	108	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW127



2, 00:00:34, 5.50 m
Finish node, other special chamber, reference: UC35, UC35



Section Inspection - 26/06/2024 - FW127X

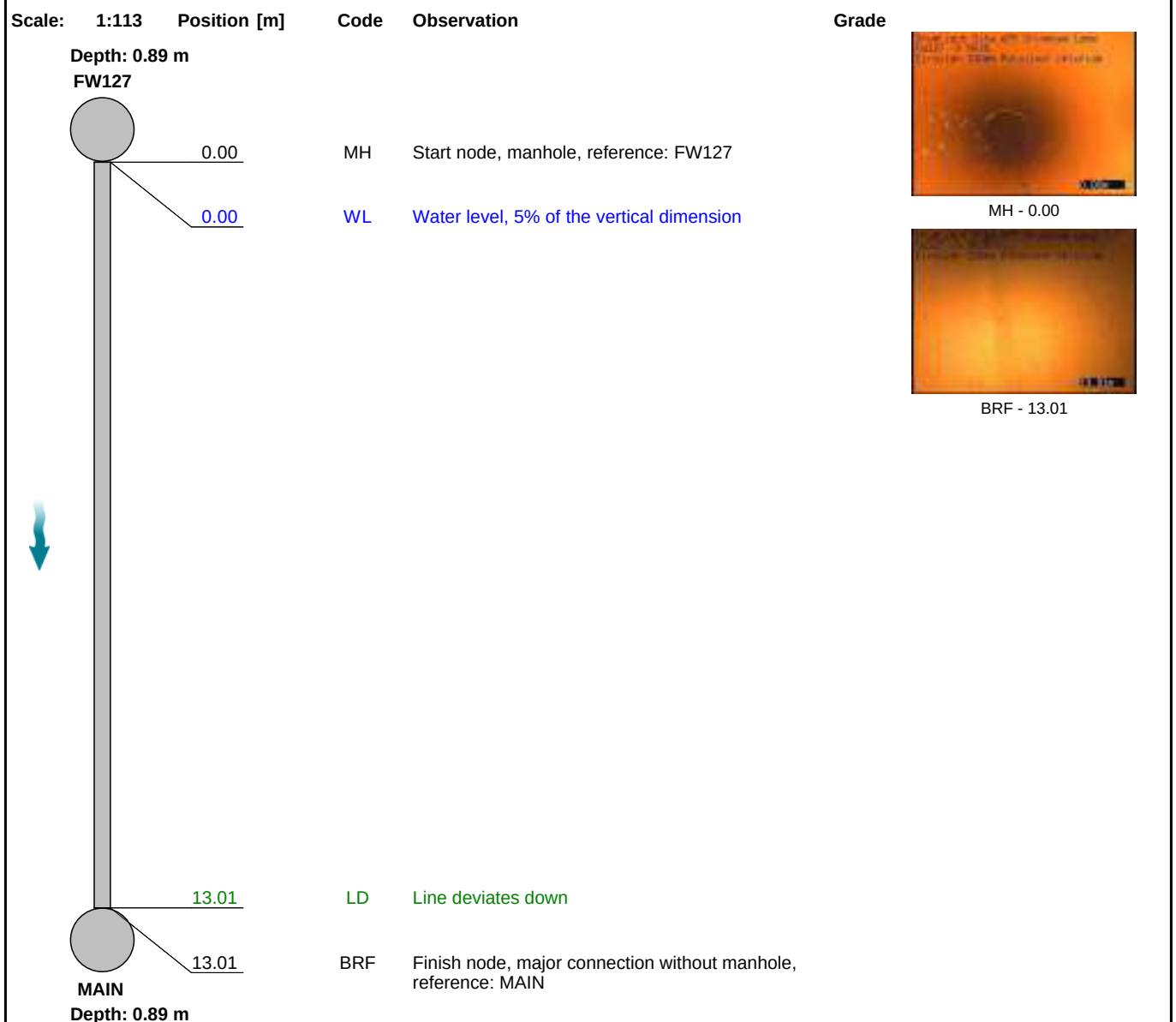


Item No. 109	Insp. No. 1	Date: 26/06/24	Time: 9:03	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW127X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW127
Road:	Grimshaw Lane	Inspected Length:	13.01 m	Upstream Pipe Depth:	0.89
Post Code:	M40 2BA	Total Length:	13.01 m	Downstream Node:	MAIN
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - FW127X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
109	Downstream	FW127X	109	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW127



2, 00:01:13, 13.01 m
Finish node, major connection without manhole, reference:
MAIN



Section Inspection - 26/06/2024 - UC36X

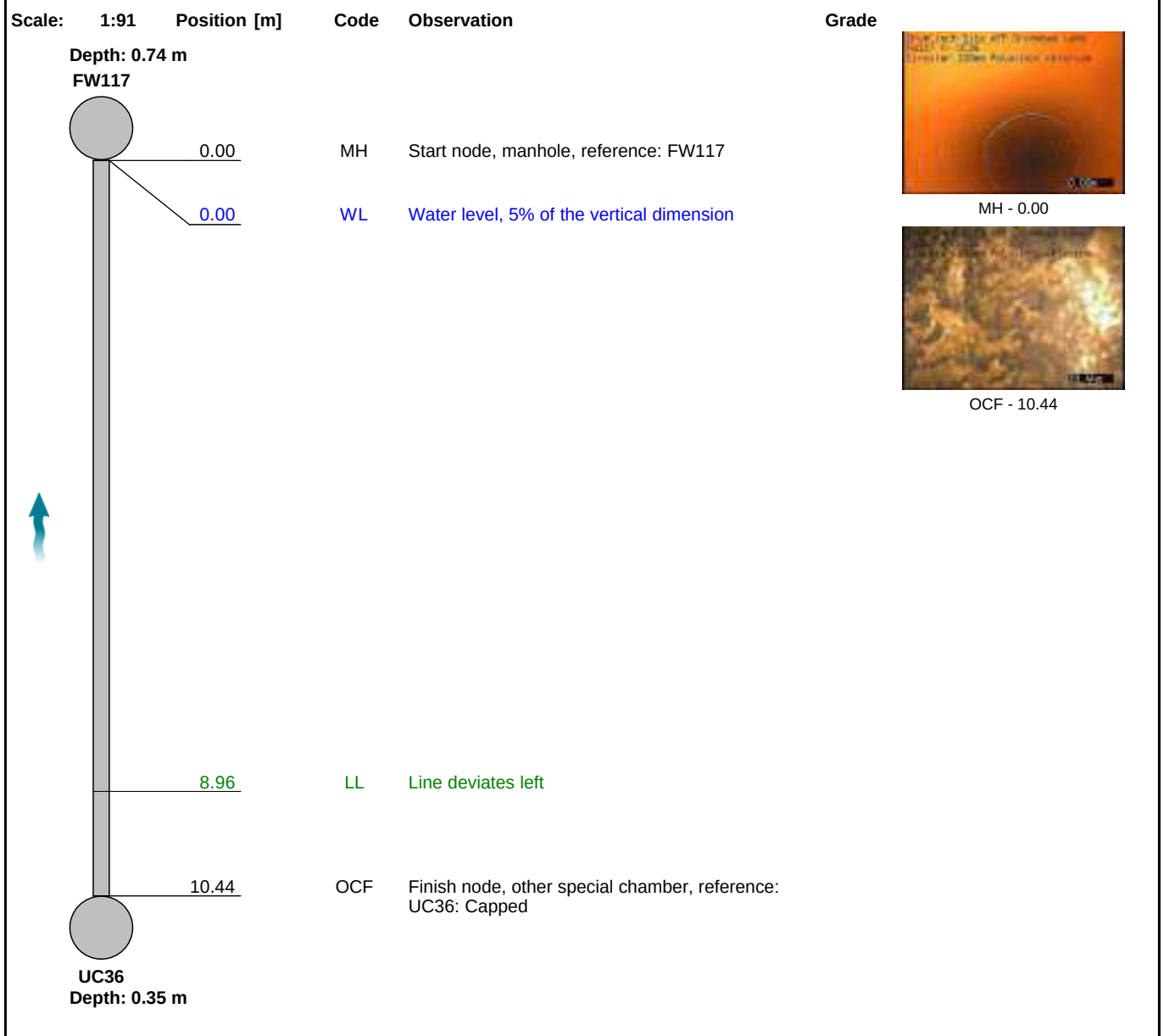


Item No. 110	Insp. No. 1	Date: 26/06/24	Time: 11:03	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC36X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC36
Road:	Grimshaw Lane	Inspected Length:	10.44 m	Upstream Pipe Depth:	0.35
Post Code:	M40 2BA	Total Length:	10.44 m	Downstream Node:	FW117
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.74
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

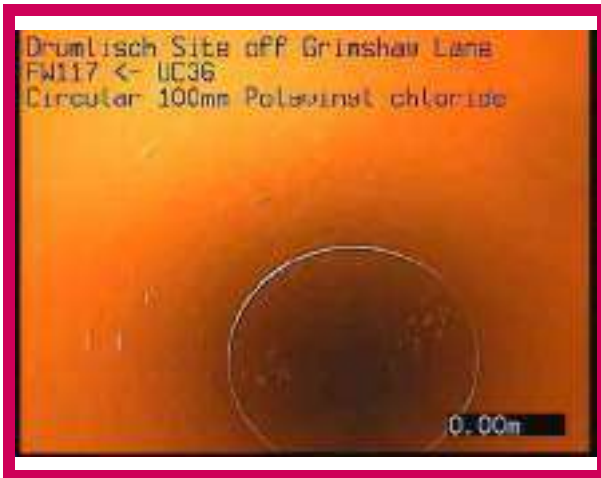
Service & Operational Observations

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 - 26/06/2024 - UC36X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
110	Upstream	UC36X	110	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW117



2, 00:00:50, 10.44 m
Finish node, other special chamber, reference: UC36, Capped



Section Inspection - 26/06/2024 - UC37X

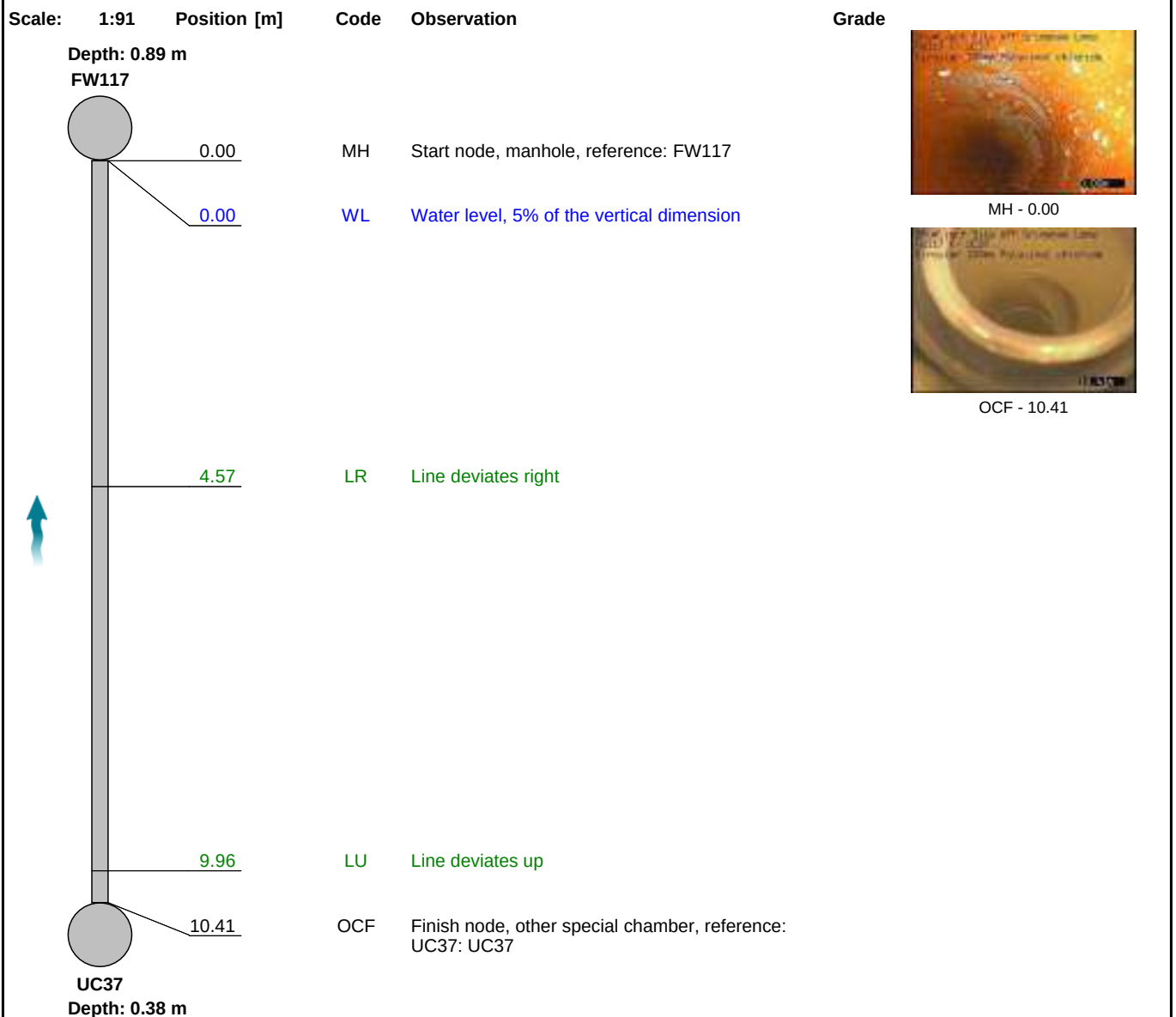


Item No. 111	Insp. No. 1	Date: 26/06/24	Time: 11:06	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC37X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC37
Road:	Grimshaw Lane	Inspected Length:	10.41 m	Upstream Pipe Depth:	0.38
Post Code:	M40 2BA	Total Length:	10.41 m	Downstream Node:	FW117
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - UC37X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
111	Upstream	UC37X	111	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW117



2, 00:00:42, 10.41 m
Finish node, other special chamber, reference: UC37, UC37



Section Inspection - 26/06/2024 - UC38X

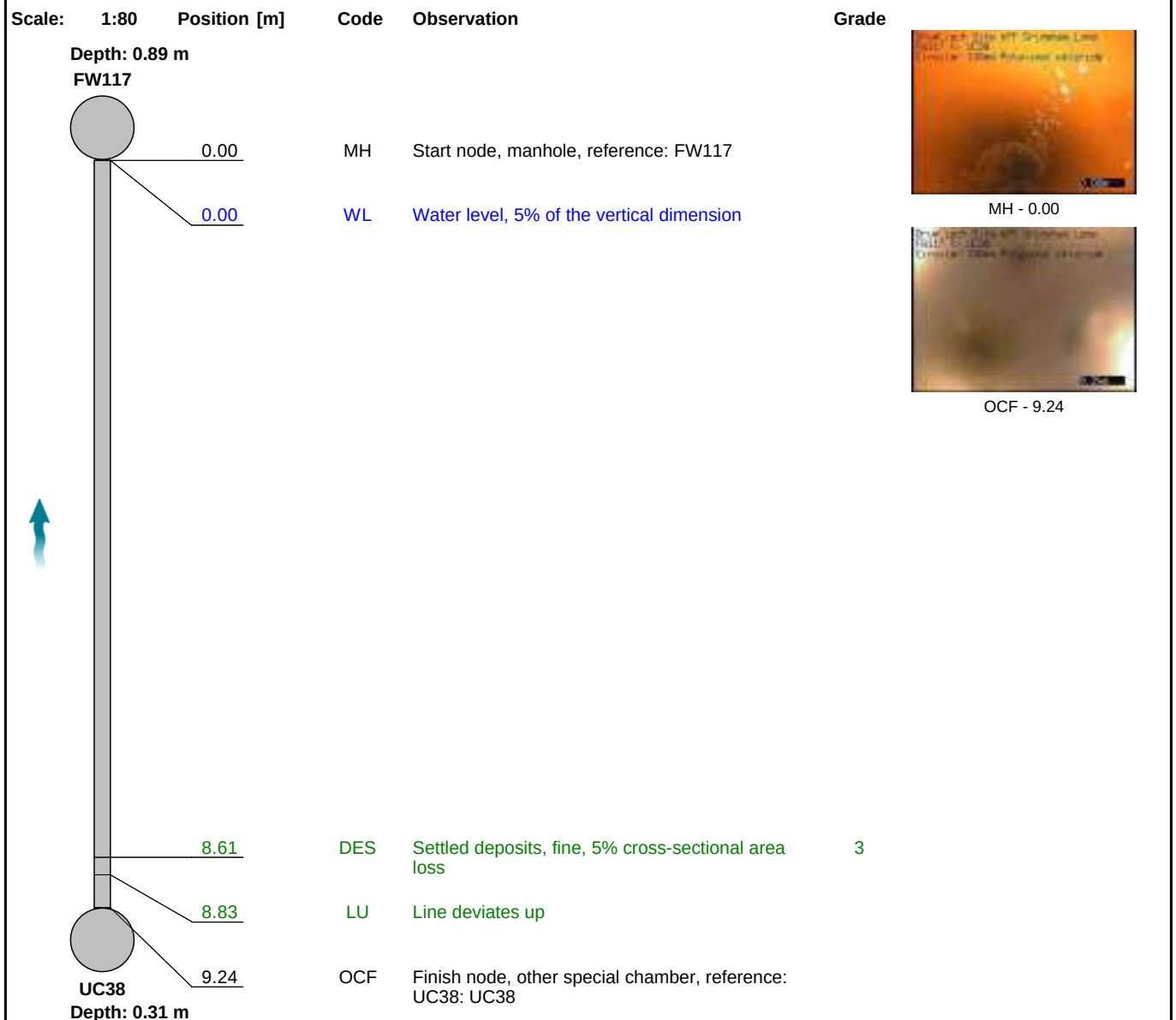


Item No. 112	Insp. No. 1	Date: 26/06/24	Time: 11:08	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC38X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC38
Road:	Grimshaw Lane	Inspected Length:	9.24 m	Upstream Pipe Depth:	0.31
Post Code:	M40 2BA	Total Length:	9.24 m	Downstream Node:	FW117
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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	1	2.0	0.2	2.0	3.0



Section Pictures - 26/06/2024 - UC38X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
112	Upstream	UC38X	112	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW117



2, 00:00:42, 9.24 m
Finish node, other special chamber, reference: UC38, UC38

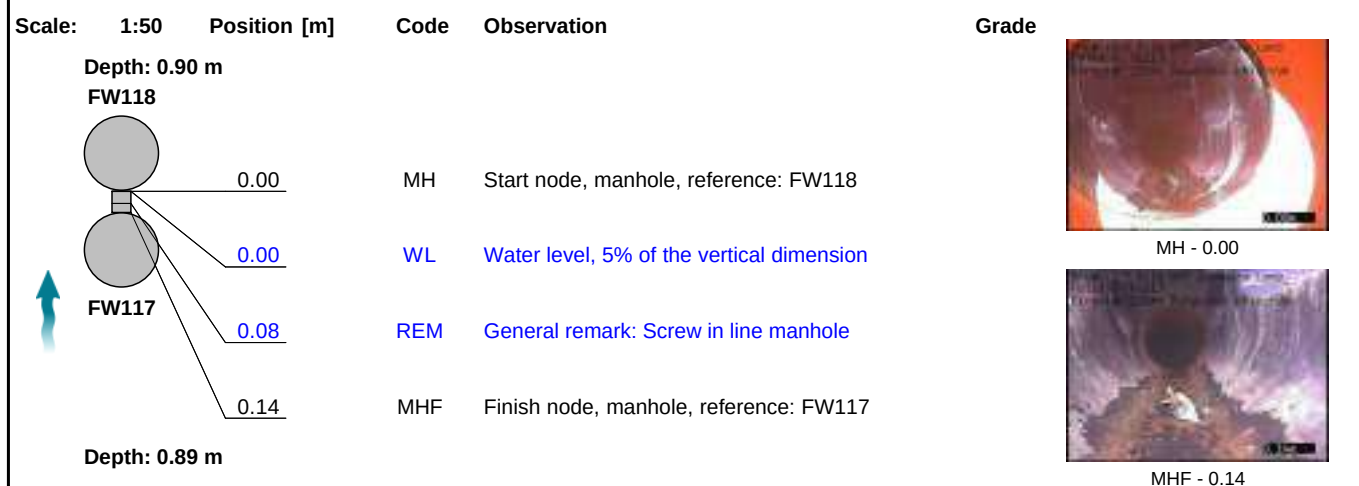
Section Inspection - 26/06/2024 - FW117X

Item No. 113	Insp. No. 1	Date: 26/06/24	Time: 11:12	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW117X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW117
Road:	Grimshaw Lane	Inspected Length:	0.14 m	Upstream Pipe Depth:	0.89
Post Code:	M40 2BA	Total Length:	0.14 m	Downstream Node:	FW118
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.90

Asset Use:	Foul	Asset Shape:	Circular
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm
Asset Owner:	Private	Asset Material:	Polyvinyl chloride
Year Constructed:	Not Specified	Asset Lining Type:	No Lining
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - FW117X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
113	Upstream	FW117X	113	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW118



2, 00:00:17, 0.14 m
Finish node, manhole, reference: FW117



Section Inspection - 26/06/2024 - UC39X

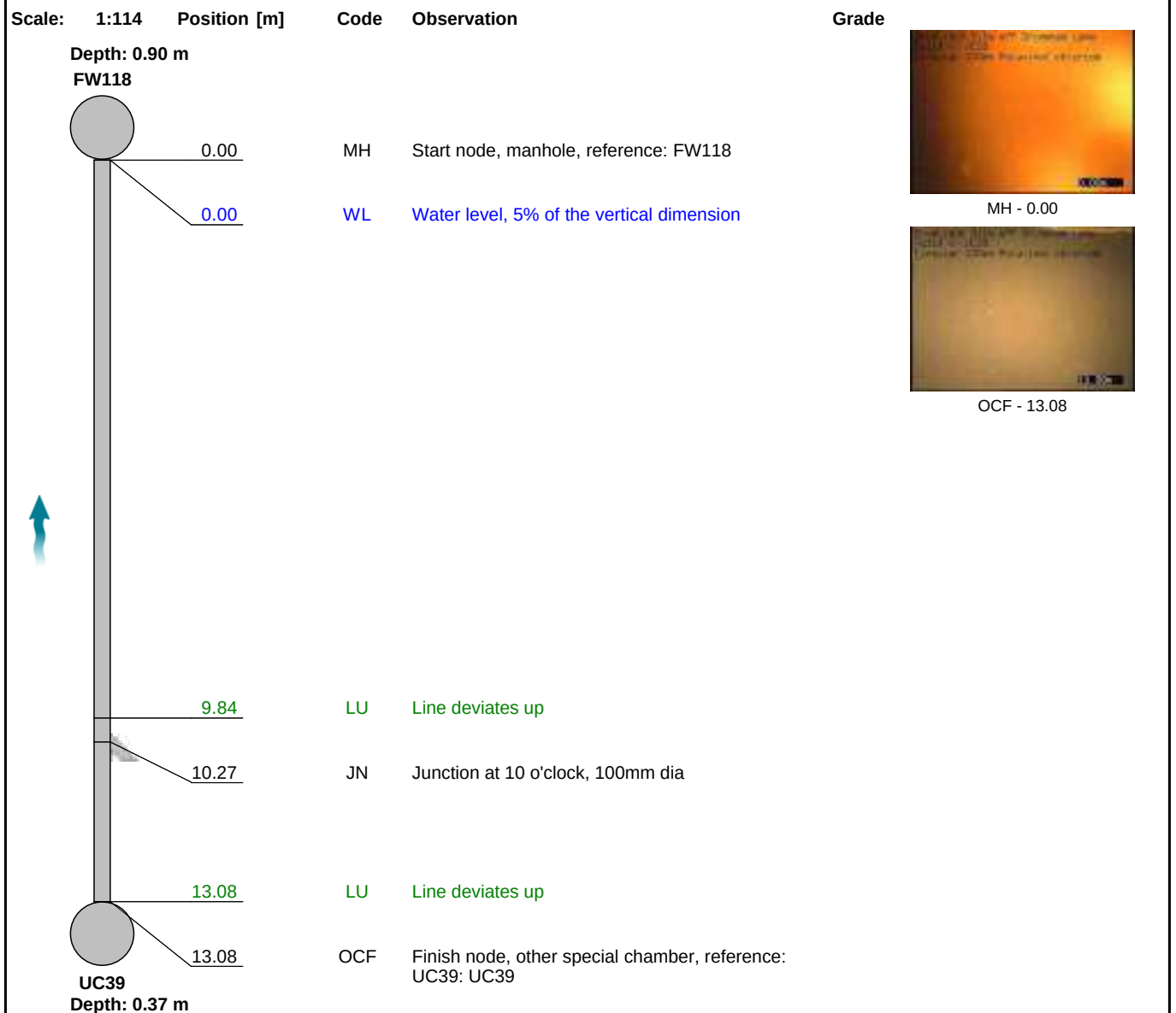


Item No. 114	Insp. No. 1	Date: 26/06/24	Time: 11:19	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC39X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC39
Road:	Grimshaw Lane	Inspected Length:	13.08 m	Upstream Pipe Depth:	0.37
Post Code:	M40 2BA	Total Length:	13.08 m	Downstream Node:	FW118
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.90
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - UC39X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
114	Upstream	UC39X	114	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW118



2, 00:01:39, 13.08 m
Finish node, other special chamber, reference: UC39, UC39



Section Inspection - 26/06/2024 - UC40X

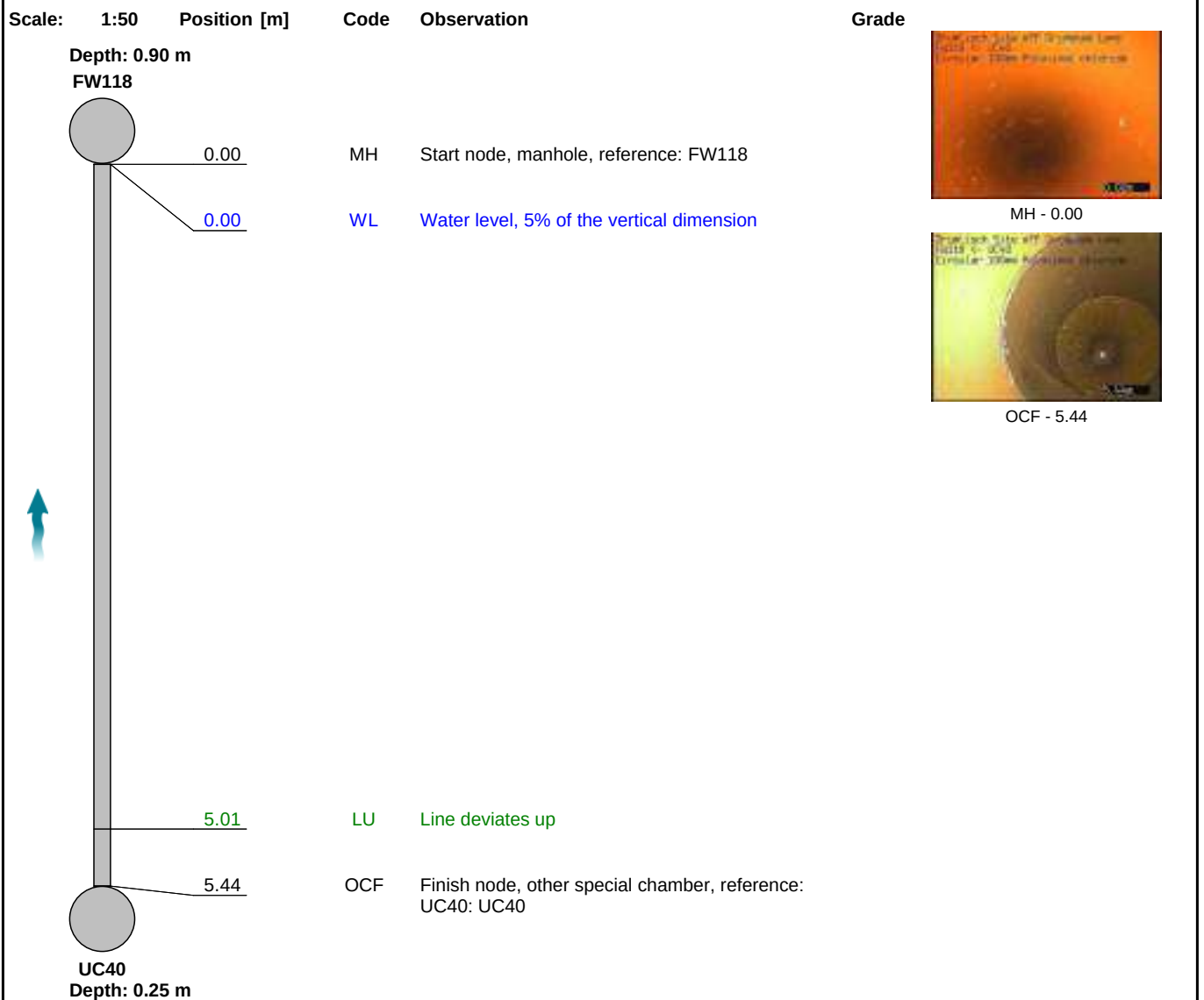


Item No. 115	Insp. No. 1	Date: 26/06/24	Time: 11:22	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC40X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC40
Road:	Grimshaw Lane	Inspected Length:	5.44 m	Upstream Pipe Depth:	0.25
Post Code:	M40 2BA	Total Length:	5.44 m	Downstream Node:	FW118
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.90
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - UC40X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
115	Upstream	UC40X	115	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW118



2, 00:00:43, 5.44 m
Finish node, other special chamber, reference: UC40, UC40



Section Inspection - 26/06/2024 - FW118X

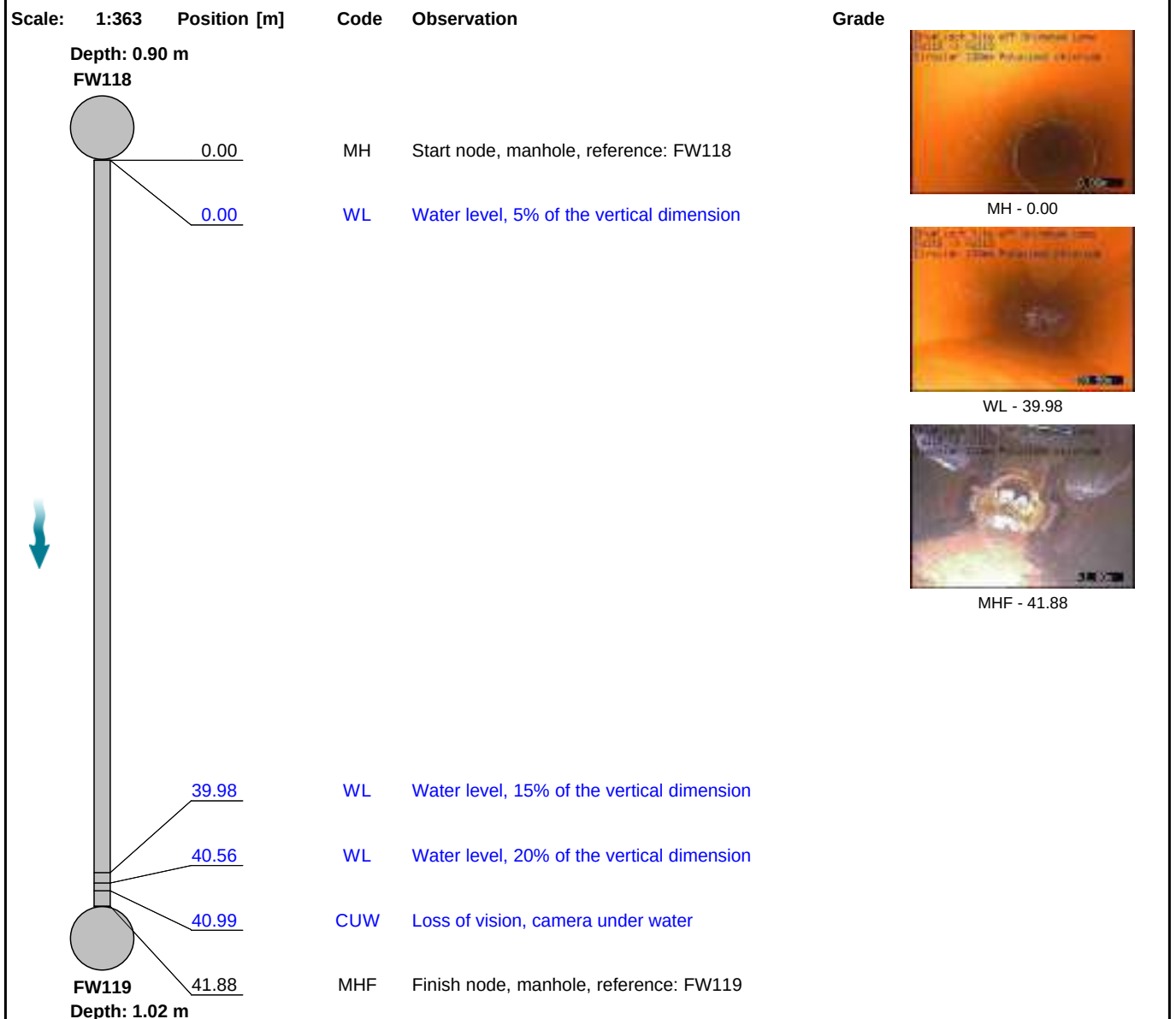


Item No. 116	Insp. No. 1	Date: 26/06/24	Time: 11:39	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW118X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW118
Road:	Grimshaw Lane	Inspected Length:	41.88 m	Upstream Pipe Depth:	0.90
Post Code:	M40 2BA	Total Length:	41.88 m	Downstream Node:	FW119
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.02
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

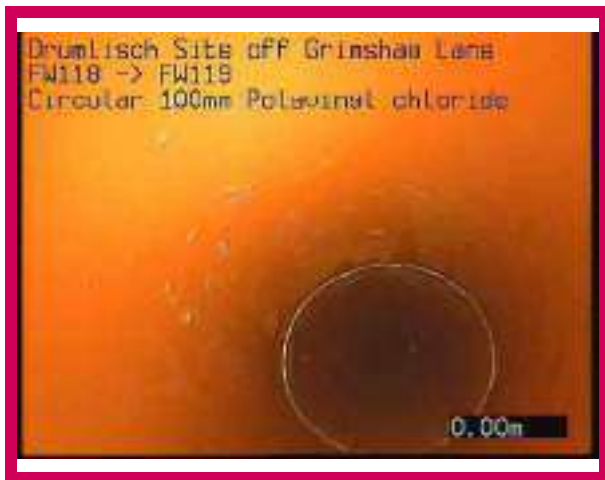
Service & Operational Observations

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 - 26/06/2024 - FW118X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
116	Downstream	FW118X	116	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW118



2, 00:02:51, 39.98 m
Water level, 15% of the vertical dimension



3, 00:03:04, 41.88 m
Finish node, manhole, reference: FW119



Section Inspection - 26/06/2024 - UC41X

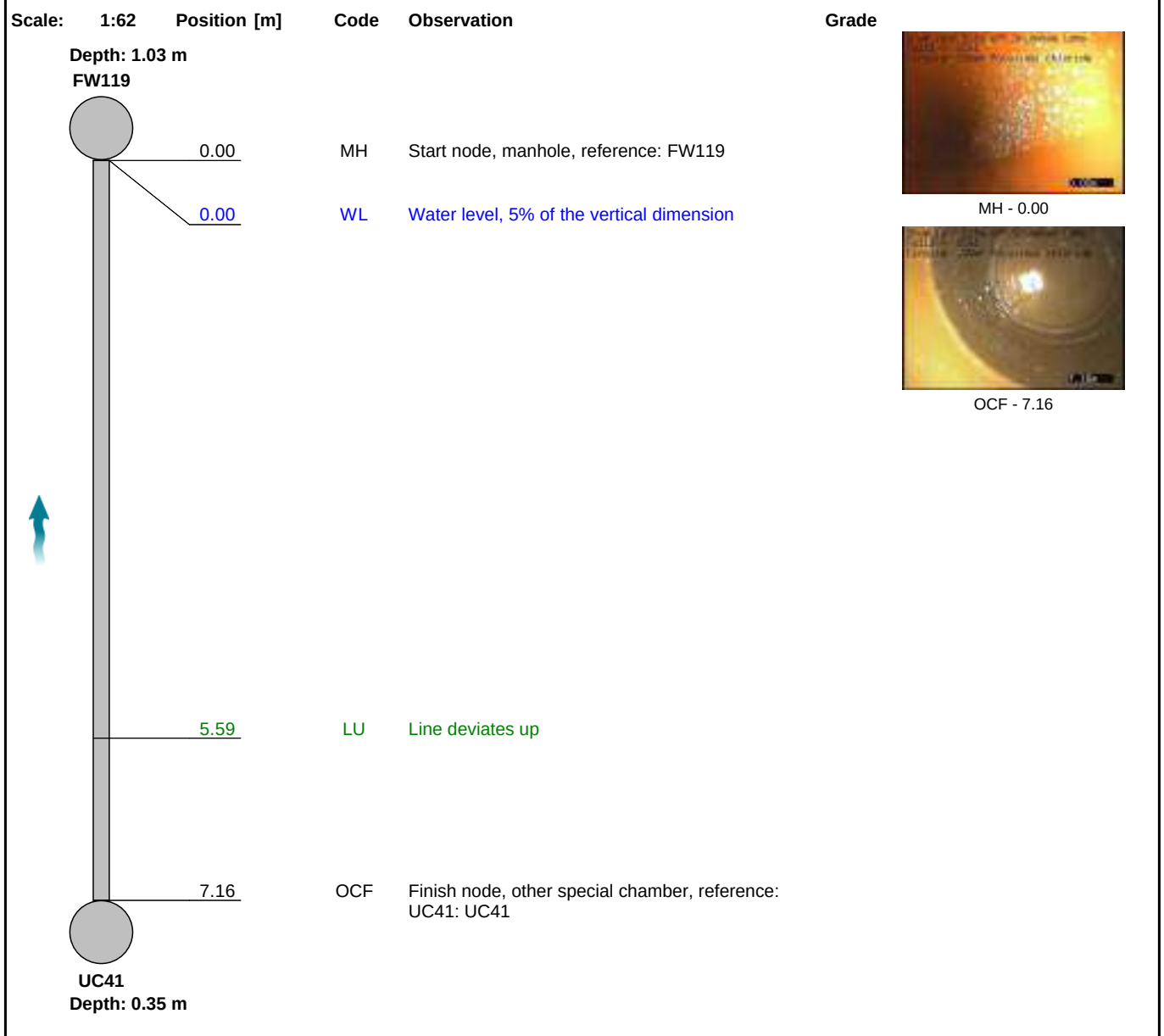


Item No. 117	Insp. No. 1	Date: 26/06/24	Time: 12:05	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC41X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC41
Road:	Grimshaw Lane	Inspected Length:	7.16 m	Upstream Pipe Depth:	0.35
Post Code:	M40 2BA	Total Length:	7.16 m	Downstream Node:	FW119
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.03
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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

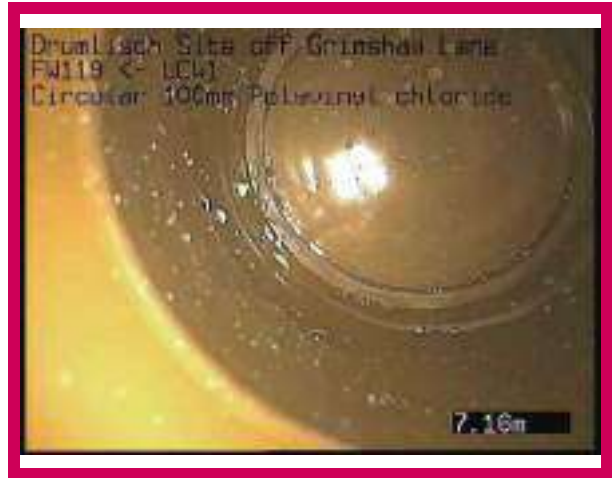


Section Pictures - 26/06/2024 - UC41X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
117	Upstream	UC41X	117	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW119



2, 00:00:41, 7.16 m
Finish node, other special chamber, reference: UC41, UC41



Section Inspection - 26/06/2024 - UC42X

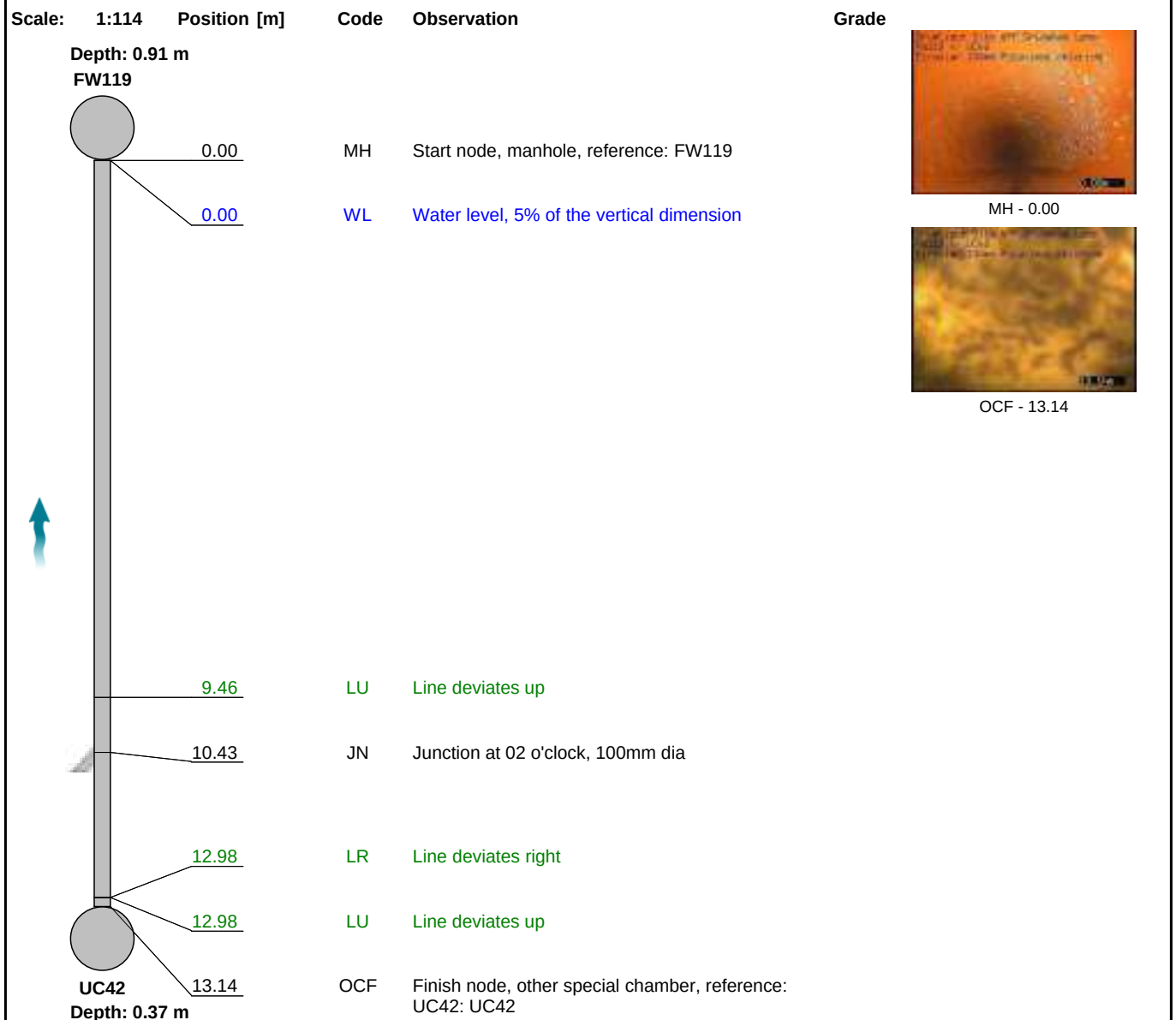


Item No. 118	Insp. No. 1	Date: 26/06/24	Time: 12:10	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC42X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC42
Road:	Grimshaw Lane	Inspected Length:	13.14 m	Upstream Pipe Depth:	0.37
Post Code:	M40 2BA	Total Length:	13.14 m	Downstream Node:	FW119
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.91
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - UC42X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
118	Upstream	UC42X	118	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW119



2, 00:01:22, 13.14 m
Finish node, other special chamber, reference: UC42, UC42



Section Inspection - 26/06/2024 - UC43X

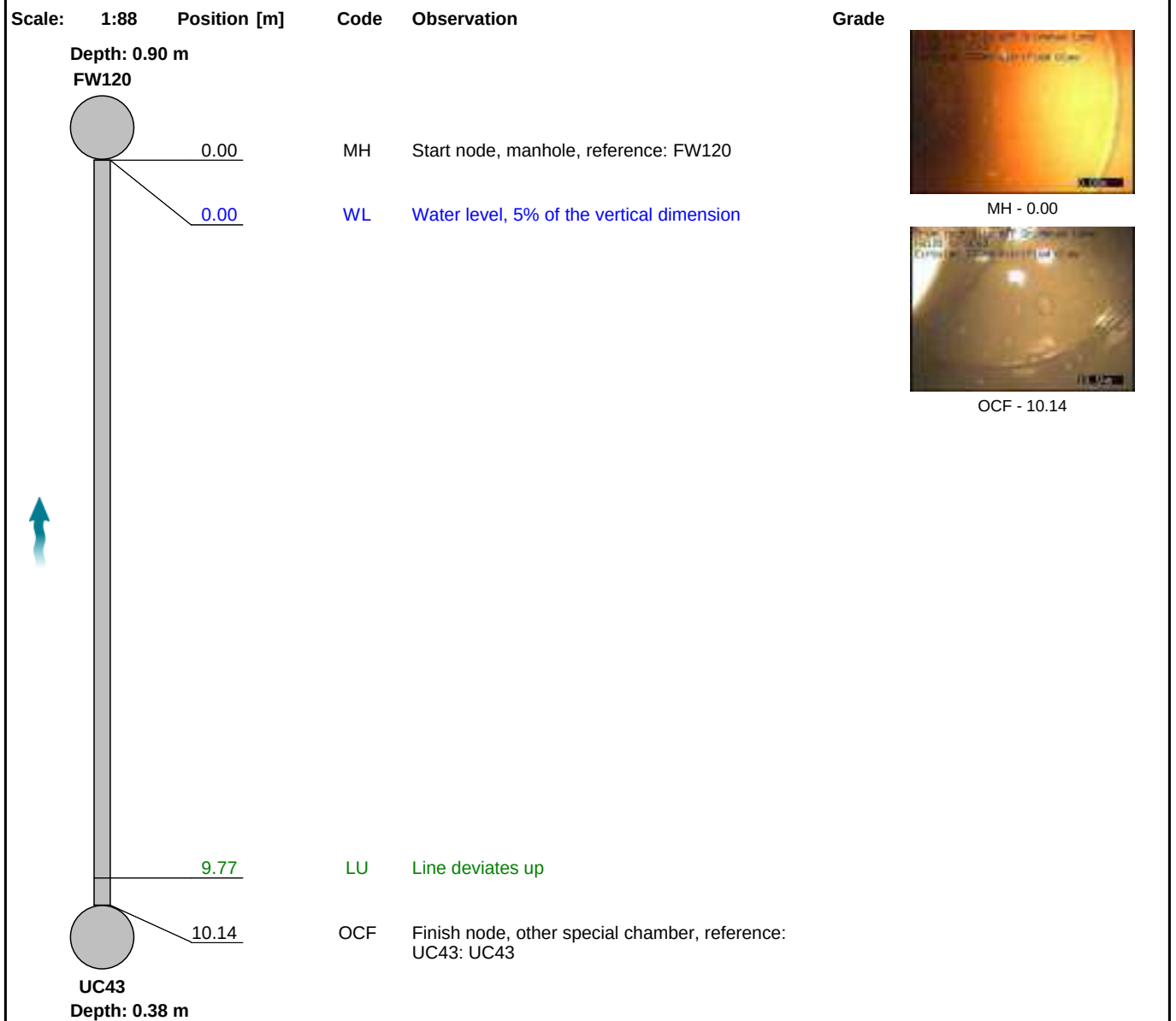


Item No. 119	Insp. No. 1	Date: 26/06/24	Time: 12:13	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC43X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC43
Road:	Grimshaw Lane	Inspected Length:	10.14 m	Upstream Pipe Depth:	0.38
Post Code:	M40 2BA	Total Length:	10.14 m	Downstream Node:	FW120
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.90
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Vitrified clay		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - UC43X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
119	Upstream	UC43X	119	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW120



2, 00:00:37, 10.14 m
Finish node, other special chamber, reference: UC43, UC43



Section Inspection - 26/06/2024 - UC44X

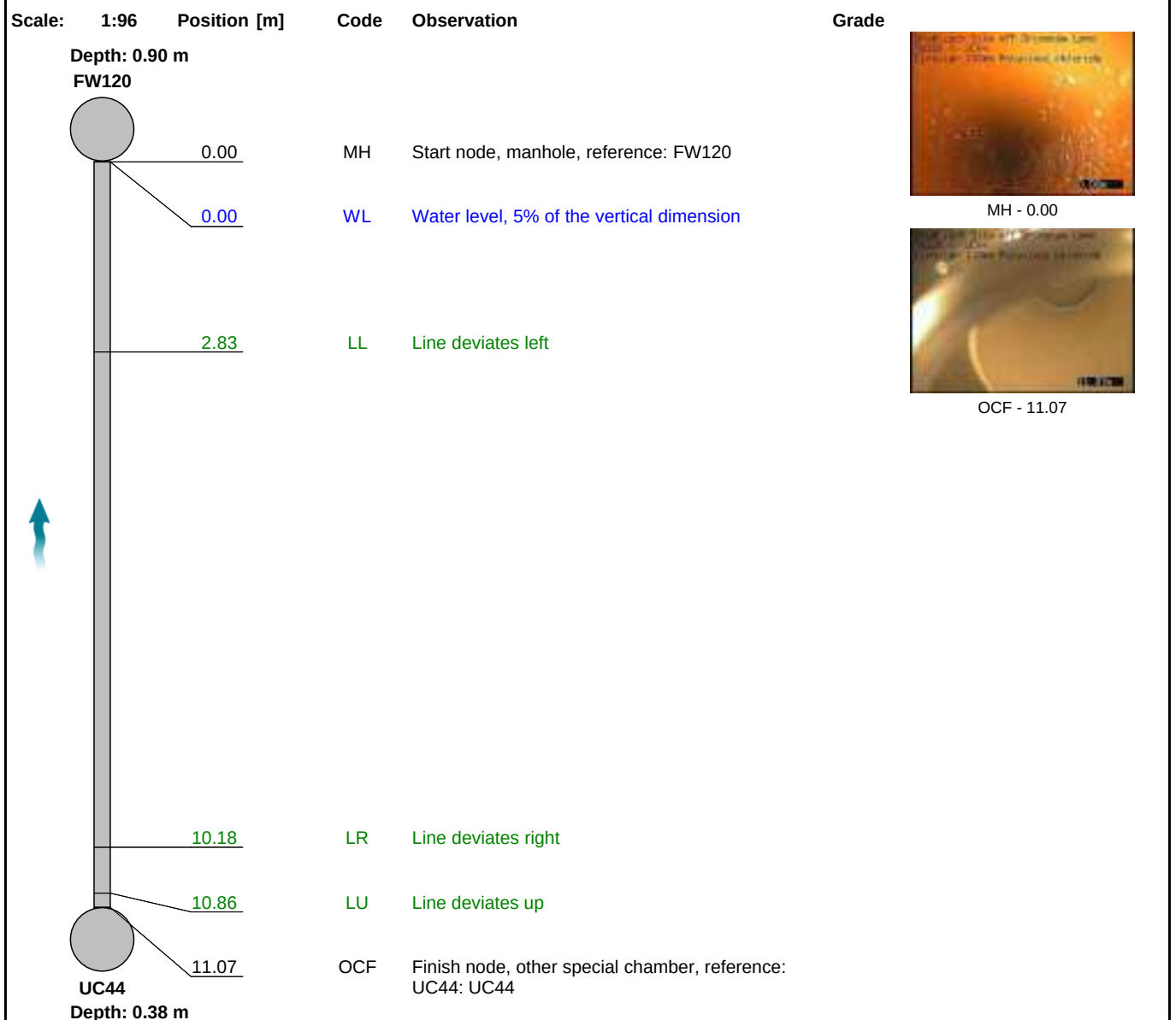


Item No. 120	Insp. No. 1	Date: 26/06/24	Time: 12:15	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC44X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC44
Road:	Grimshaw Lane	Inspected Length:	11.07 m	Upstream Pipe Depth:	0.38
Post Code:	M40 2BA	Total Length:	11.07 m	Downstream Node:	FW120
Surface Type:		Joint Length:	1.00 m	Downstream Pipe Depth:	0.90
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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

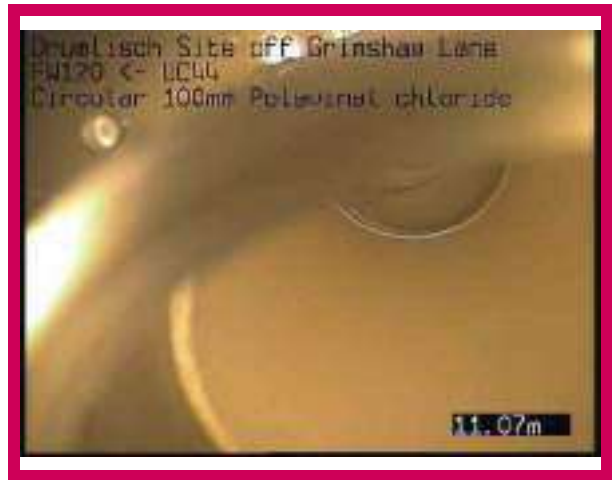


Section Pictures - 26/06/2024 - UC44X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
120	Upstream	UC44X	120	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW120



2, 00:00:44, 11.07 m
Finish node, other special chamber, reference: UC44, UC44



Section Inspection - 26/06/2024 - FW119X



Item No. 121	Insp. No. 1	Date: 26/06/24	Time: 12:25	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW119X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW119
Road:	Grimshaw Lane	Inspected Length:	0.19 m	Upstream Pipe Depth:	0.32
Post Code:	M40 2BA	Total Length:	0.19 m	Downstream Node:	FW120
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.90
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	Grade
Depth: 0.32 m FW119					
		0.00	MH	Start node, manhole, reference: FW119	
		0.00	WL	Water level, 5% of the vertical dimension	
		0.19	MHF	Finish node, manhole, reference: FW120	
Depth: 0.90 m					
MH - 0.00					
MHF - 0.19					

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 - 26/06/2024 - FW119X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
121	Downstream	FW119X	121	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW119



2, 00:00:36, 0.19 m
Finish node, manhole, reference: FW120



Section Inspection - 26/06/2024 - UC45X

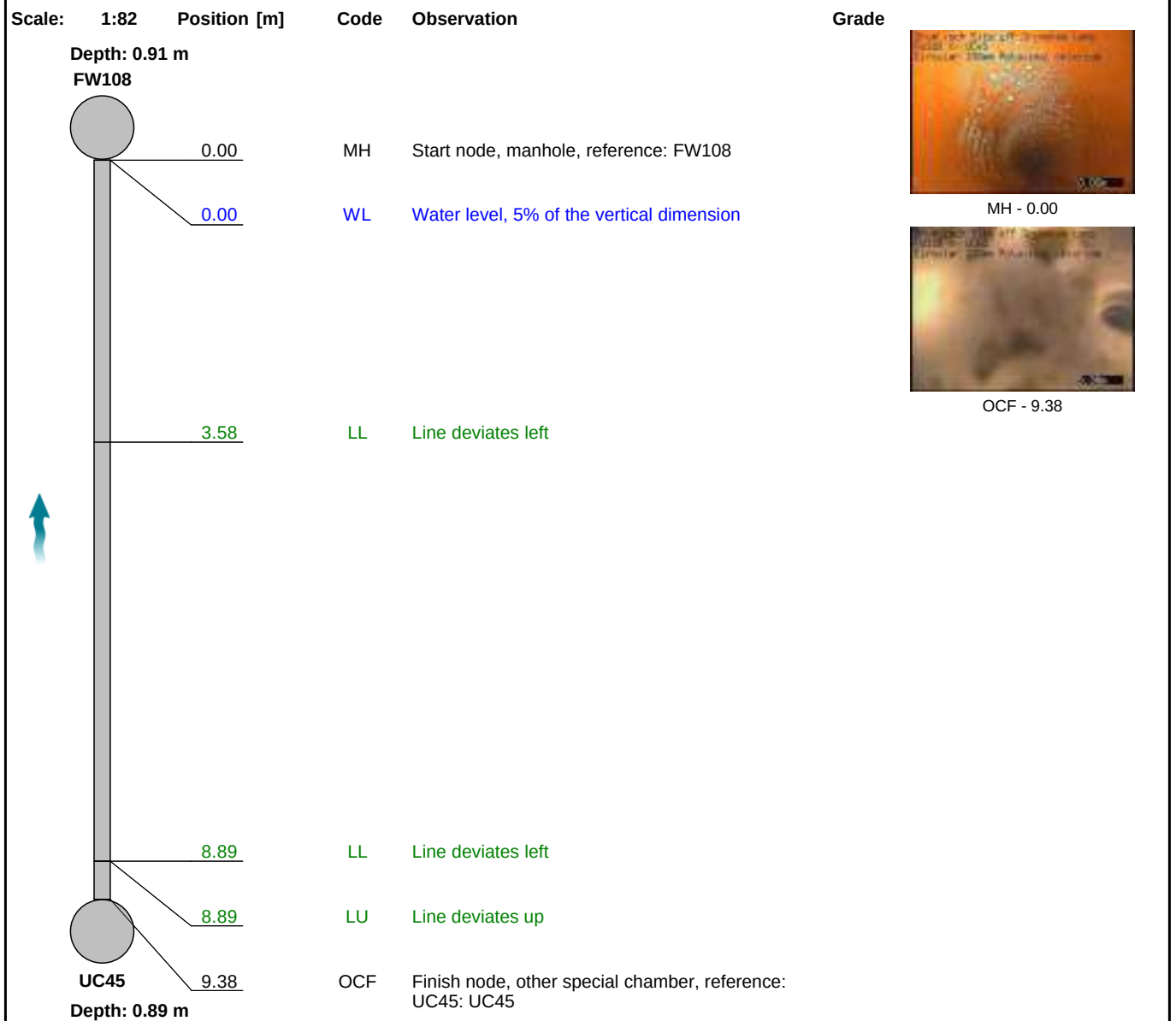


Item No. 122	Insp. No. 1	Date: 26/06/24	Time: 13:58	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC45X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC45
Road:	Grimshaw Lane	Inspected Length:	9.38 m	Upstream Pipe Depth:	0.89
Post Code:	M40 2BA	Total Length:	9.38 m	Downstream Node:	FW108
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.91
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - UC45X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
122	Upstream	UC45X	122	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW108



2, 00:00:42, 9.38 m
Finish node, other special chamber, reference: UC45, UC45



Section Inspection - 26/06/2024 - UC46X

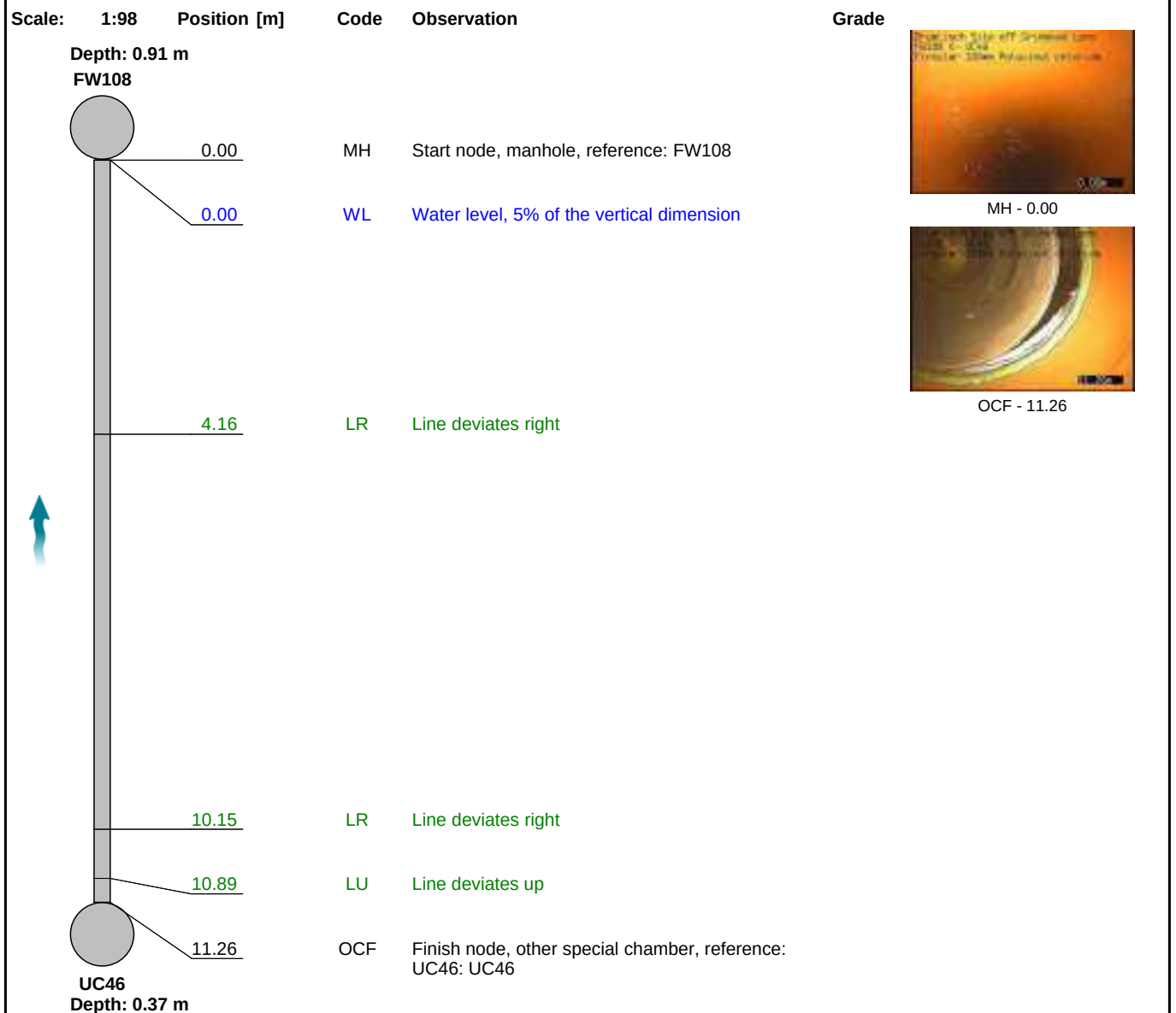


Item No. 123	Insp. No. 1	Date: 26/06/24	Time: 13:59	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC46X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC46
Road:	Grimshaw Lane	Inspected Length:	11.26 m	Upstream Pipe Depth:	0.37
Post Code:	M40 2BA	Total Length:	11.26 m	Downstream Node:	FW108
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.91
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - UC46X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
123	Upstream	UC46X	123	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW108



2, 00:00:54, 11.26 m
Finish node, other special chamber, reference: UC46, UC46



Section Inspection - 26/06/2024 - UC47X

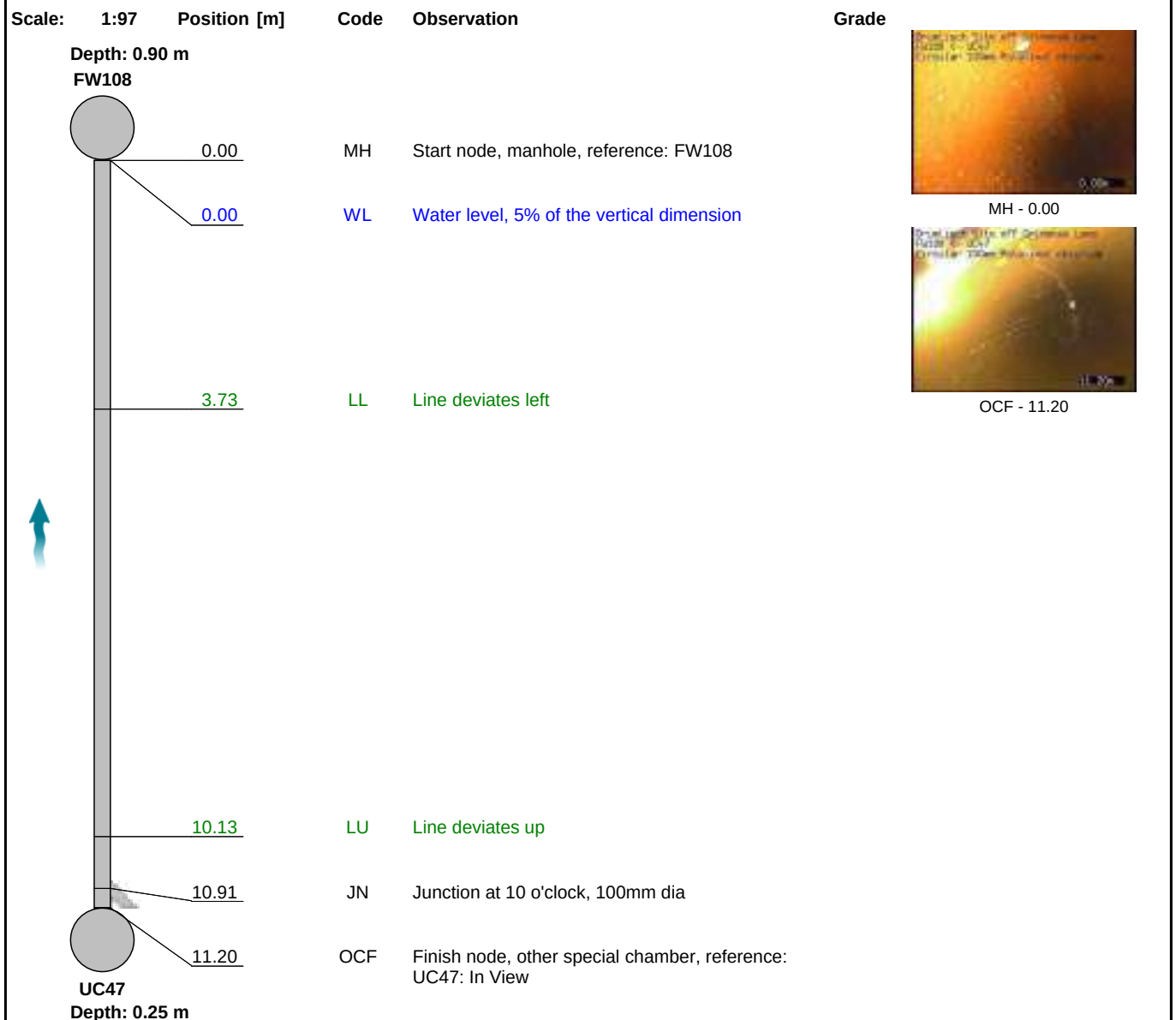


Item No. 124	Insp. No. 1	Date: 26/06/24	Time: 13:55	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC47X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC47
Road:	Grimshaw Lane	Inspected Length:	11.20 m	Upstream Pipe Depth:	0.25
Post Code:	M40 2BA	Total Length:	11.20 m	Downstream Node:	FW108
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.90
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

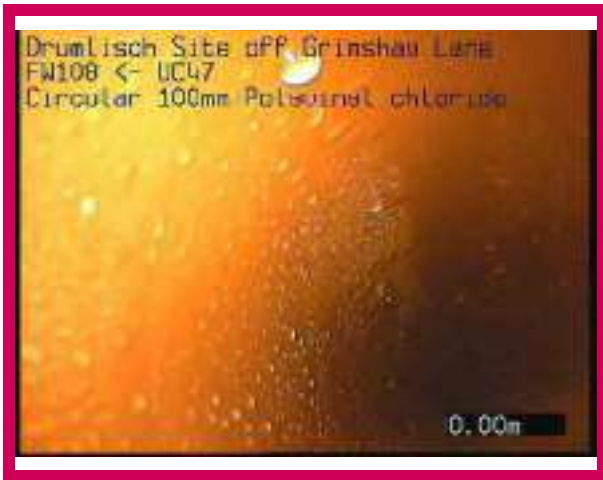
Service & Operational Observations

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 - 26/06/2024 - UC47X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
124	Upstream	UC47X	124	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW108



2, 00:01:08, 11.20 m
Finish node, other special chamber, reference: UC47, In View



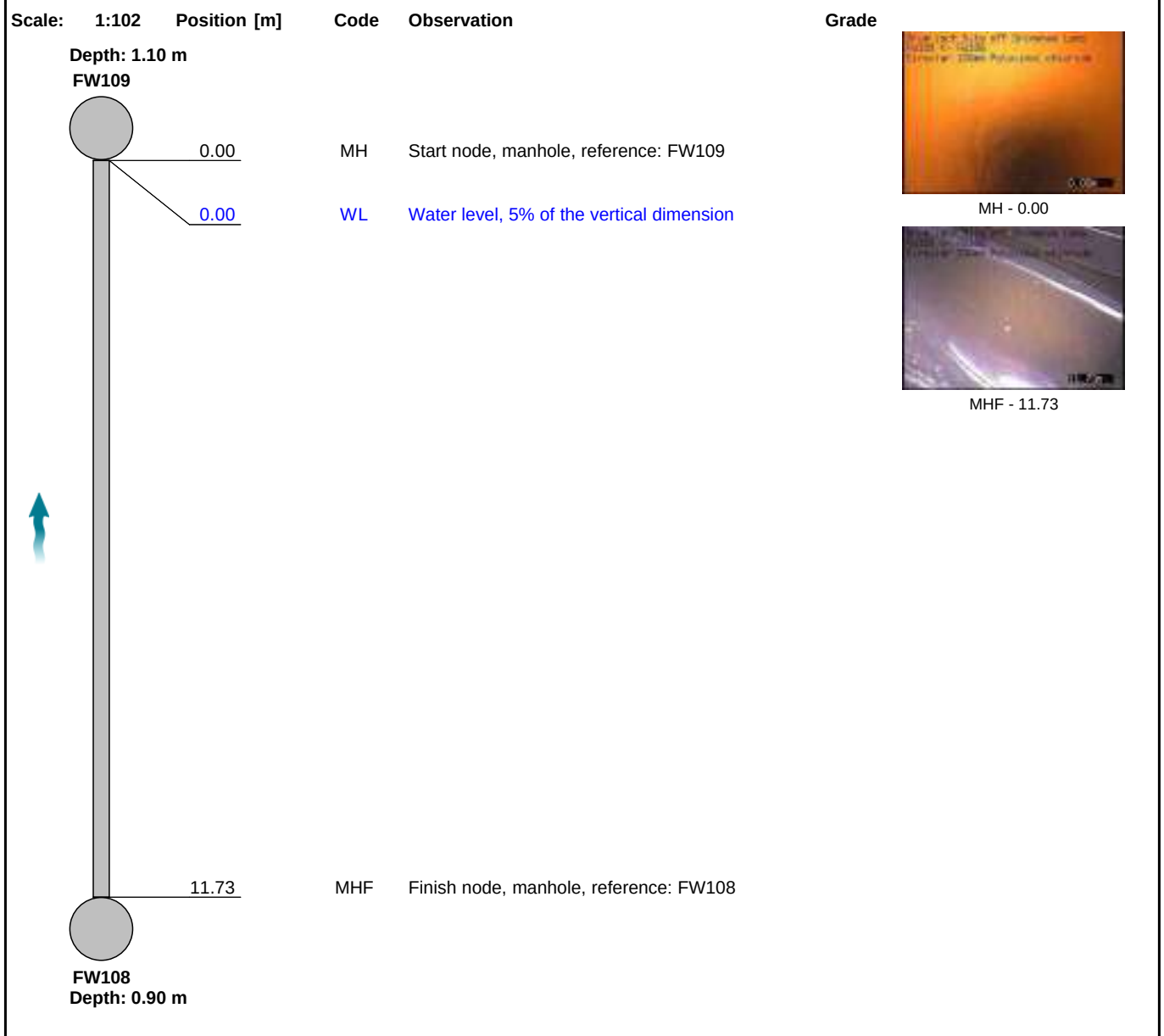
Section Inspection - 26/06/2024 - FW108X



Item No. 125	Insp. No. 1	Date: 26/06/24	Time: 14:14	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW108X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW108
Road:	Grimshaw Lane	Inspected Length:	11.73 m	Upstream Pipe Depth:	0.90
Post Code:	M40 2BA	Total Length:	11.73 m	Downstream Node:	FW109
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.10
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:
Recommendations:

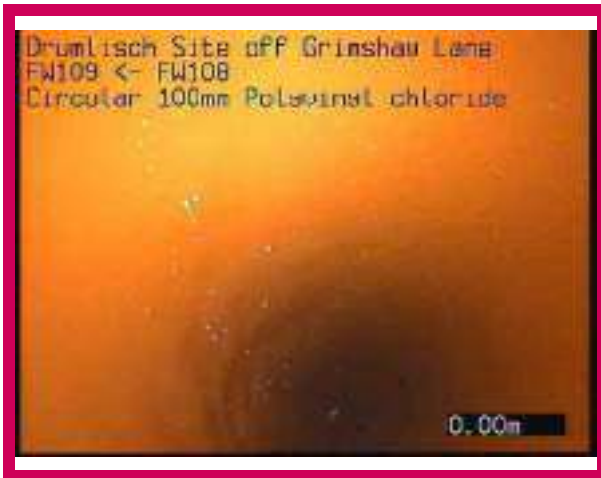


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 26/06/2024 - FW108X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
125	Upstream	FW108X	125	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW109



2, 00:00:53, 11.73 m
Finish node, manhole, reference: FW108



Section Inspection - 26/06/2024 - UC48X

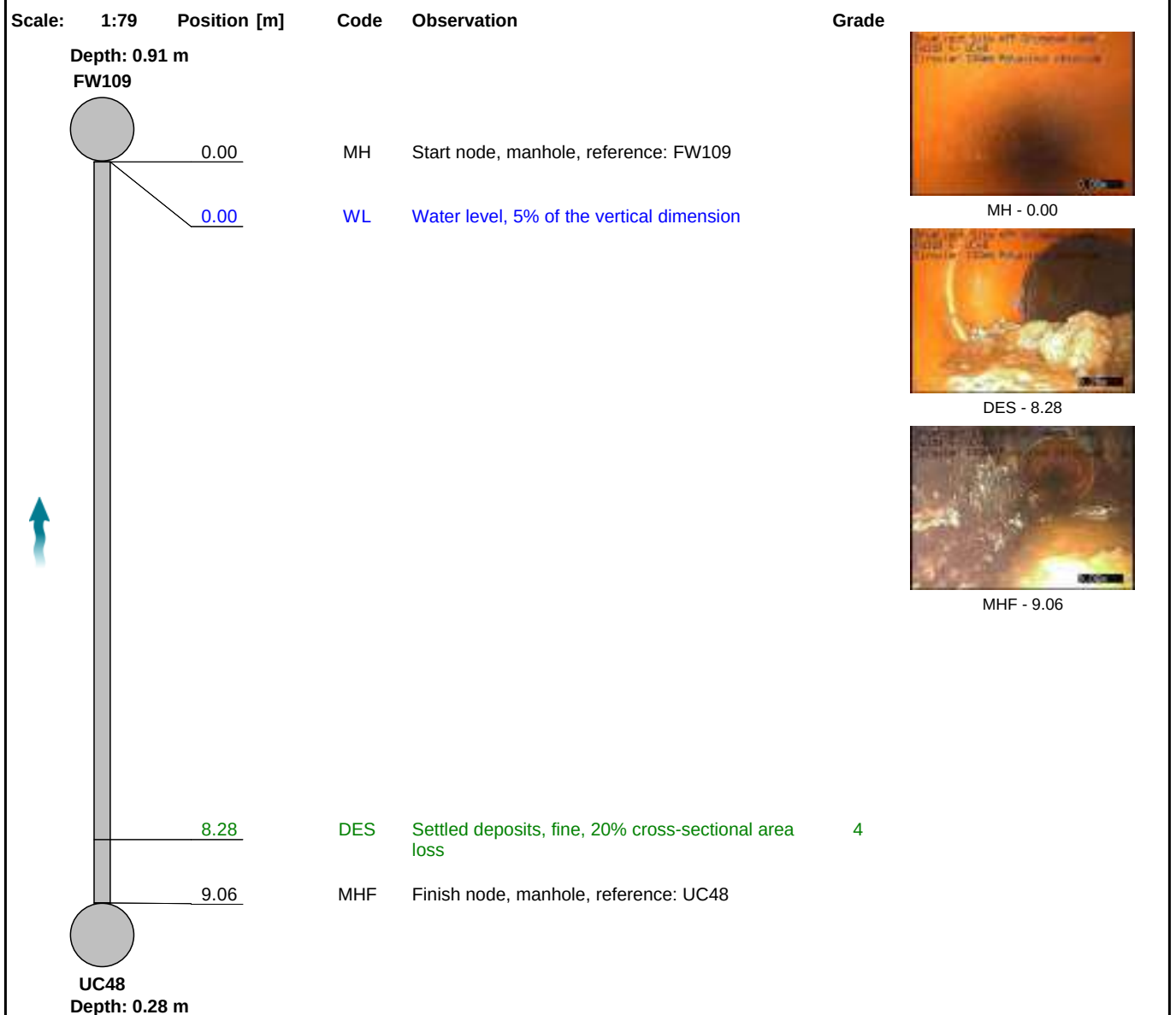


Item No. 126	Insp. No. 1	Date: 26/06/24	Time: 14:28	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC48X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC48
Road:	Grimshaw Lane	Inspected Length:	9.06 m	Upstream Pipe Depth:	0.28
Post Code:	M40 2BA	Total Length:	9.06 m	Downstream Node:	FW109
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.91

Asset Use:	Foul	Asset Shape:	Circular
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm
Asset Owner:	Private	Asset Material:	Polyvinyl chloride
Year Constructed:	Not Specified	Asset Lining Type:	No Lining
Inspection Purpose:	Routine inspection	Asset 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	1	5.0	0.6	5.0	4.0



Section Pictures - 26/06/2024 - UC48X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
126	Upstream	UC48X	126	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW109



2, 00:00:20, 8.28 m
Settled deposits, fine, 20% cross-sectional area loss



3, 00:00:26, 9.06 m
Finish node, manhole, reference: UC48



Section Inspection - 26/06/2024 - FW109X

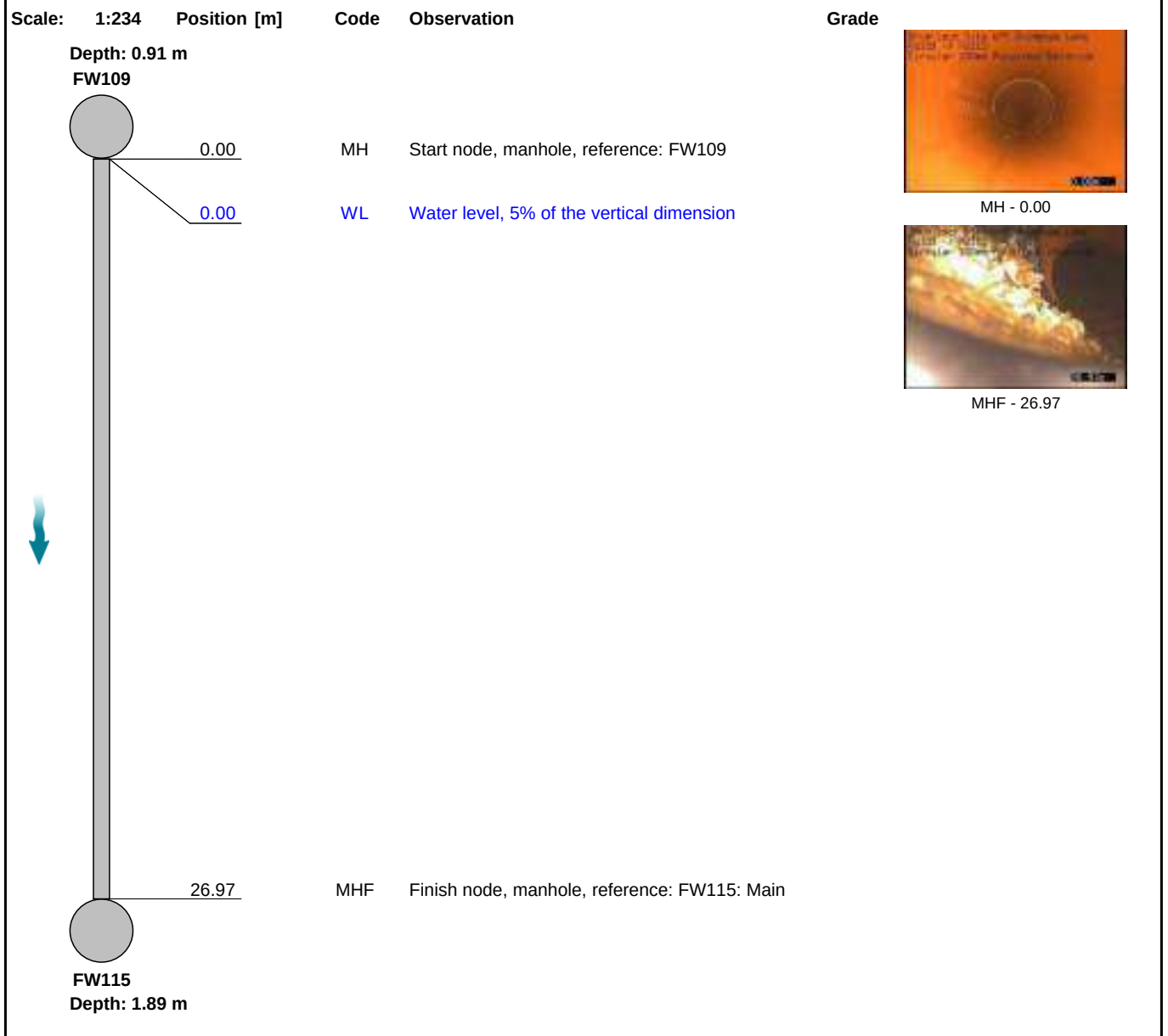


Item No. 127	Insp. No. 1	Date: 26/06/24	Time: 14:30	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW109X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW109
Road:	Grimshaw Lane	Inspected Length:	26.97 m	Upstream Pipe Depth:	0.91
Post Code:	M40 2BA	Total Length:	26.97 m	Downstream Node:	FW115
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - FW109X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
127	Downstream	FW109X	127	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW109



2, 00:01:38, 26.97 m
Finish node, manhole, reference: FW115, Main



Section Inspection - 26/06/2024 - FW107X

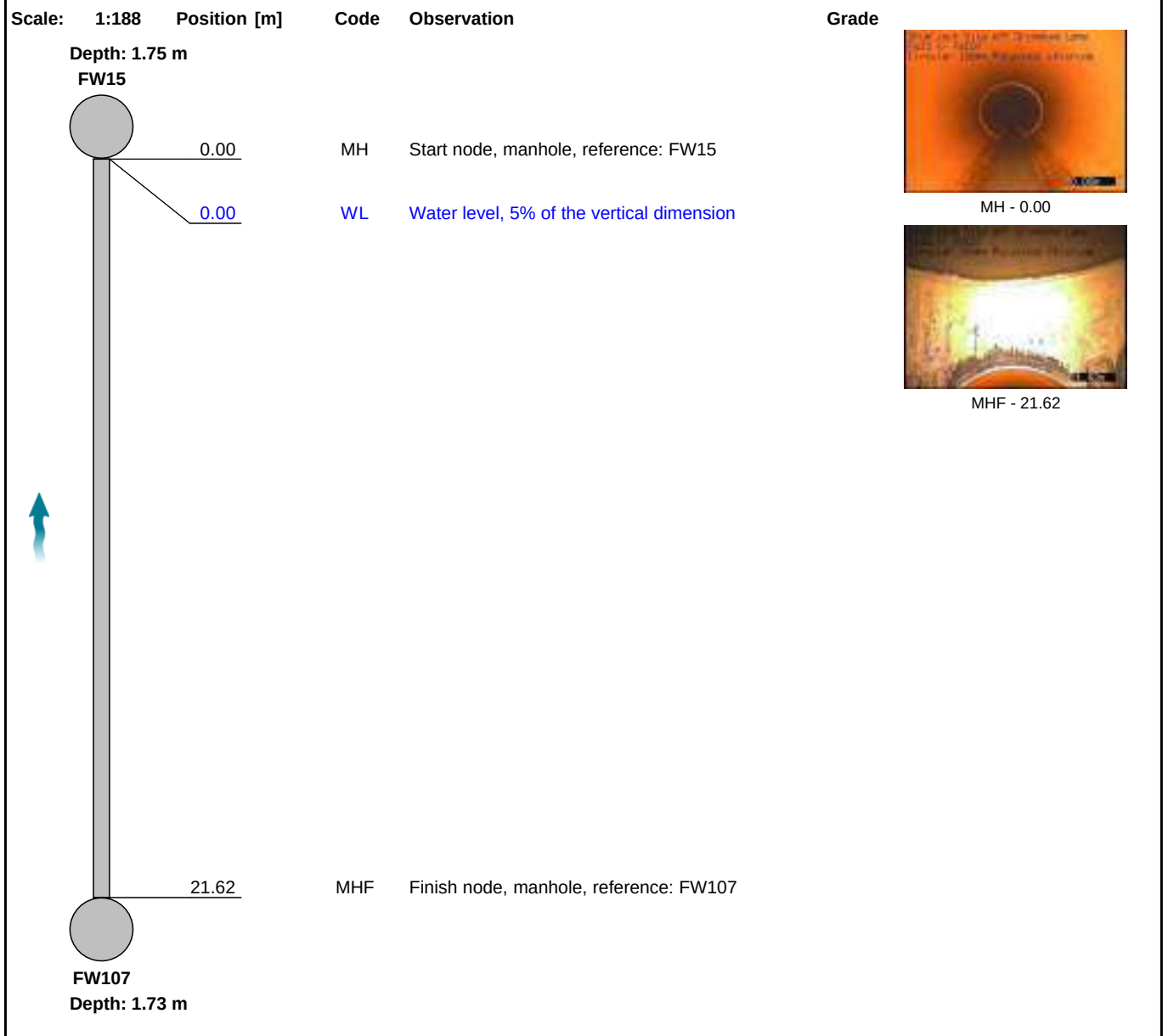


Item No. 128	Insp. No. 1	Date: 26/06/24	Time: 15:22	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW107X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW107
Road:	Grimshaw Lane	Inspected Length:	21.62 m	Upstream Pipe Depth:	1.73
Post Code:	M40 2BA	Total Length:	21.62 m	Downstream Node:	FW15
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.75
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

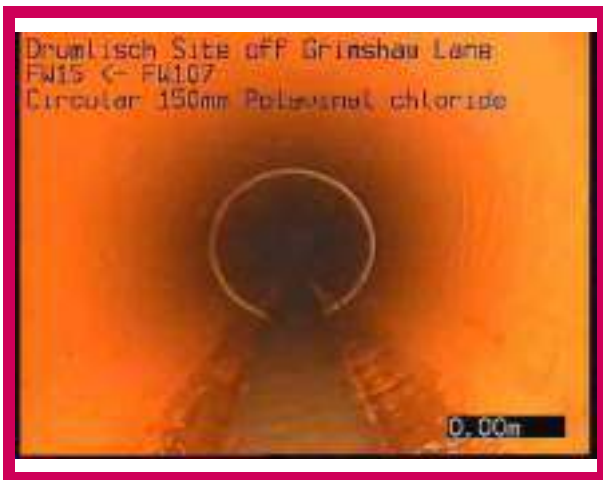


Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Pictures - 26/06/2024 - FW107X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
128	Upstream	FW107X	128	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW15



2, 00:02:33, 21.62 m
Finish node, manhole, reference: FW107



Section Inspection - 26/06/2024 - FW106X

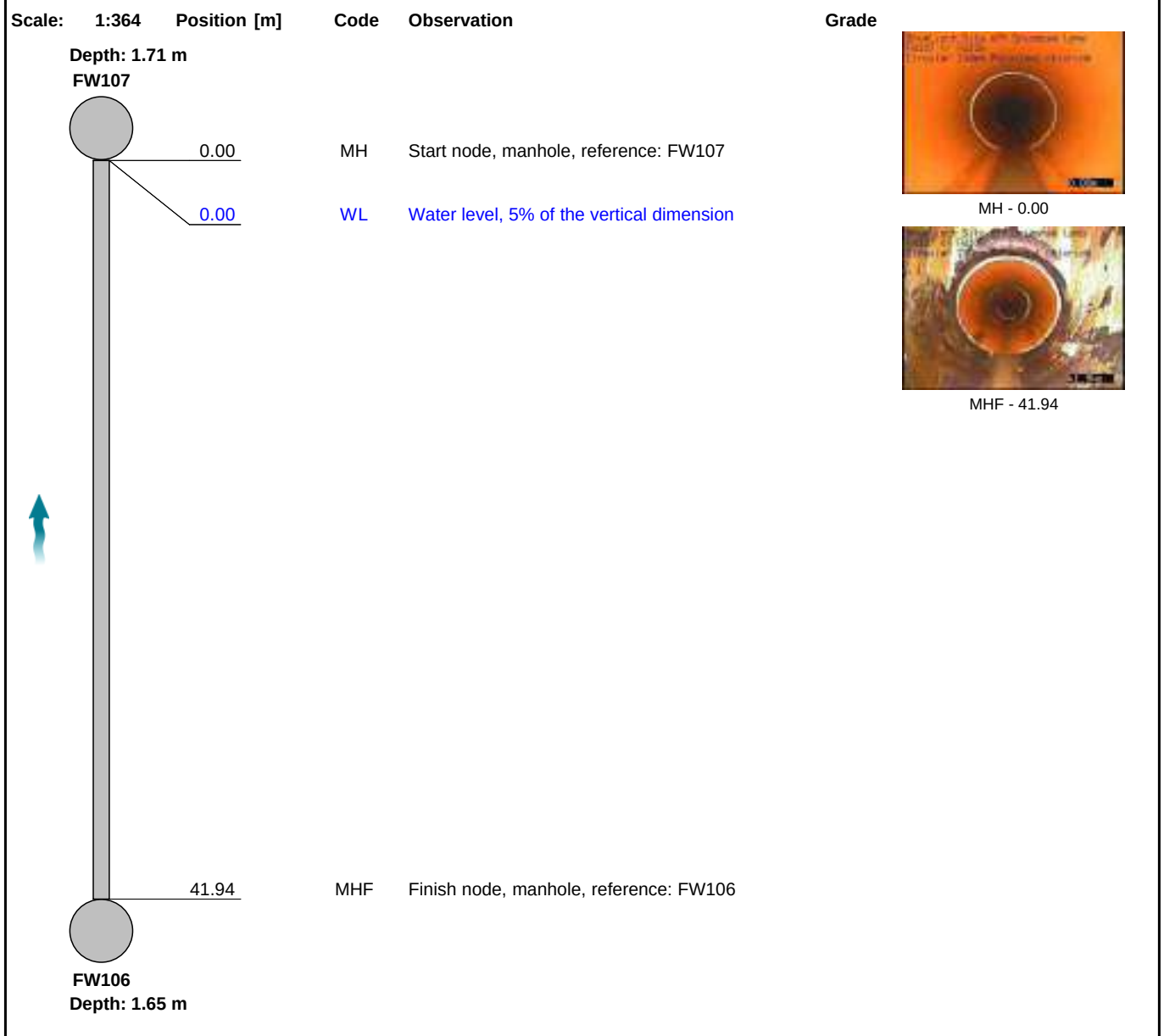


Item No. 129	Insp. No. 1	Date: 26/06/24	Time: 15:26	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW106X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW106
Road:	Grimshaw Lane	Inspected Length:	41.94 m	Upstream Pipe Depth:	1.65
Post Code:	M40 2BA	Total Length:	41.94 m	Downstream Node:	FW107
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.71
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 26/06/2024 - FW106X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
129	Upstream	FW106X	129	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW107



2, 00:04:09, 41.94 m
Finish node, manhole, reference: FW106



Section Inspection - 26/06/2024 - FW105X

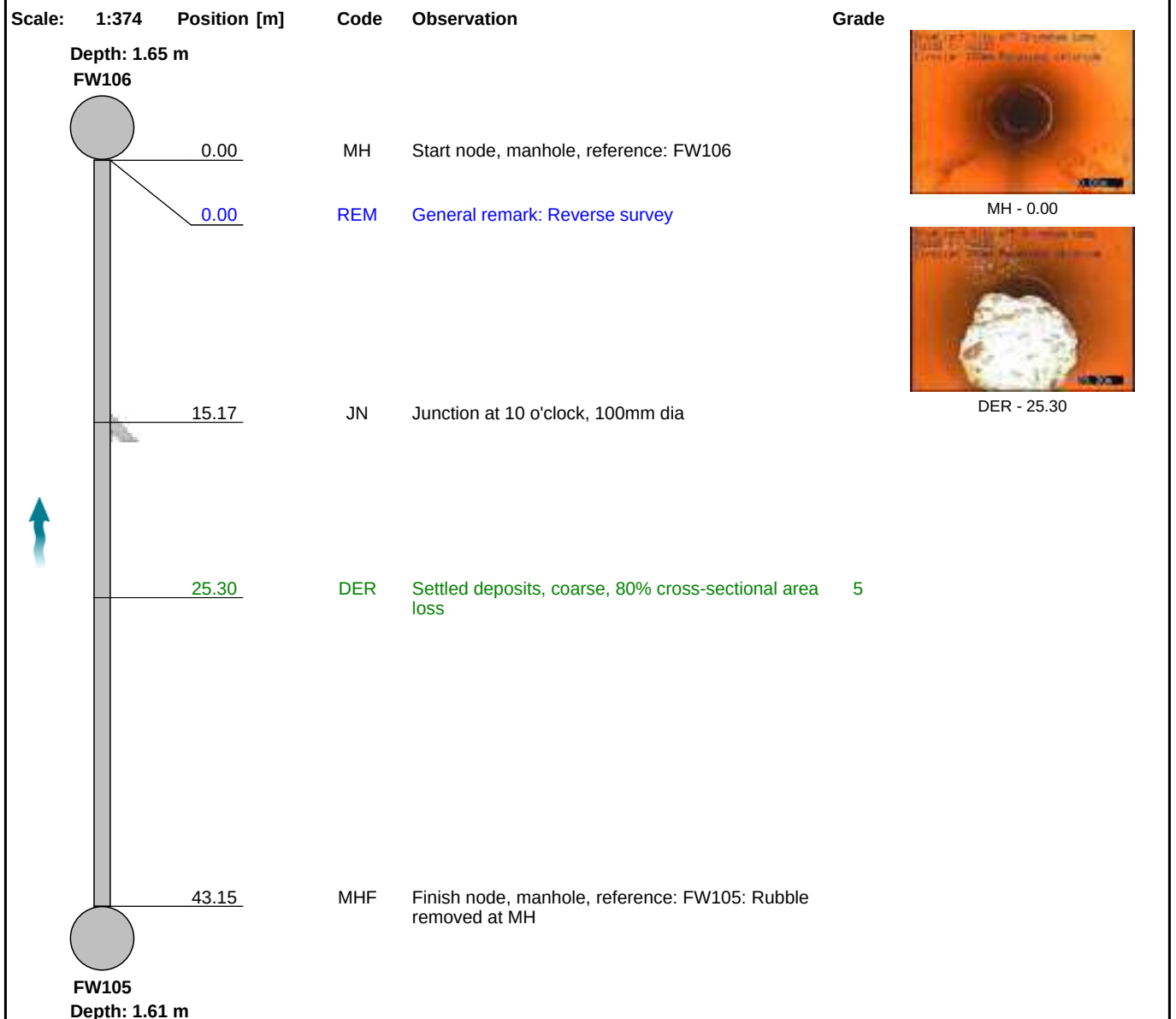


Item No. 130	Insp. No. 1	Date: 26/06/24	Time: 15:32	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW105X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW105
Road:	Grimshaw Lane	Inspected Length:	43.15 m	Upstream Pipe Depth:	1.61
Post Code:	M40 2BA	Total Length:	43.15 m	Downstream Node:	FW106
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.65
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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	1	10.0	0.2	10.0	5.0



Section Pictures - 26/06/2024 - FW105X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
130	Upstream	FW105X	130	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW106



2, 00:02:32, 25.30 m
Settled deposits, coarse, 80% cross-sectional area loss



Section Inspection - 27/06/2024 - FW116AX

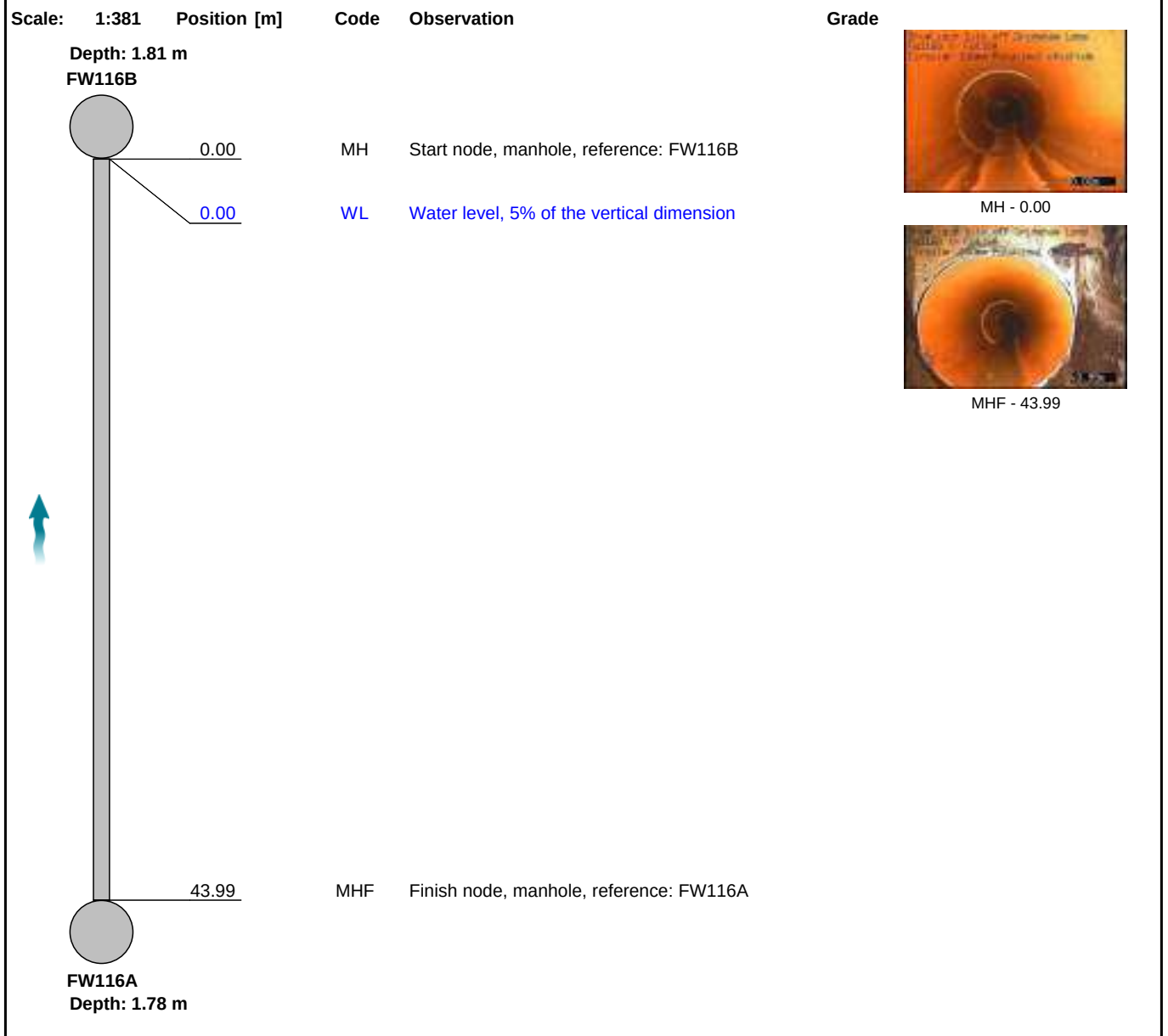


Item No. 131	Insp. No. 1	Date: 27/06/24	Time: 8:31	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW116AX
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW116A
Road:	Grimshaw Lane	Inspected Length:	43.99 m	Upstream Pipe Depth:	1.78
Post Code:	M40 2BA	Total Length:	43.99 m	Downstream Node:	FW116B
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.81
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 27/06/2024 - FW116AX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
131	Upstream	FW116AX	131	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116B



2, 00:04:56, 43.99 m
Finish node, manhole, reference: FW116A



Section Inspection - 27/06/2024 - FW116X

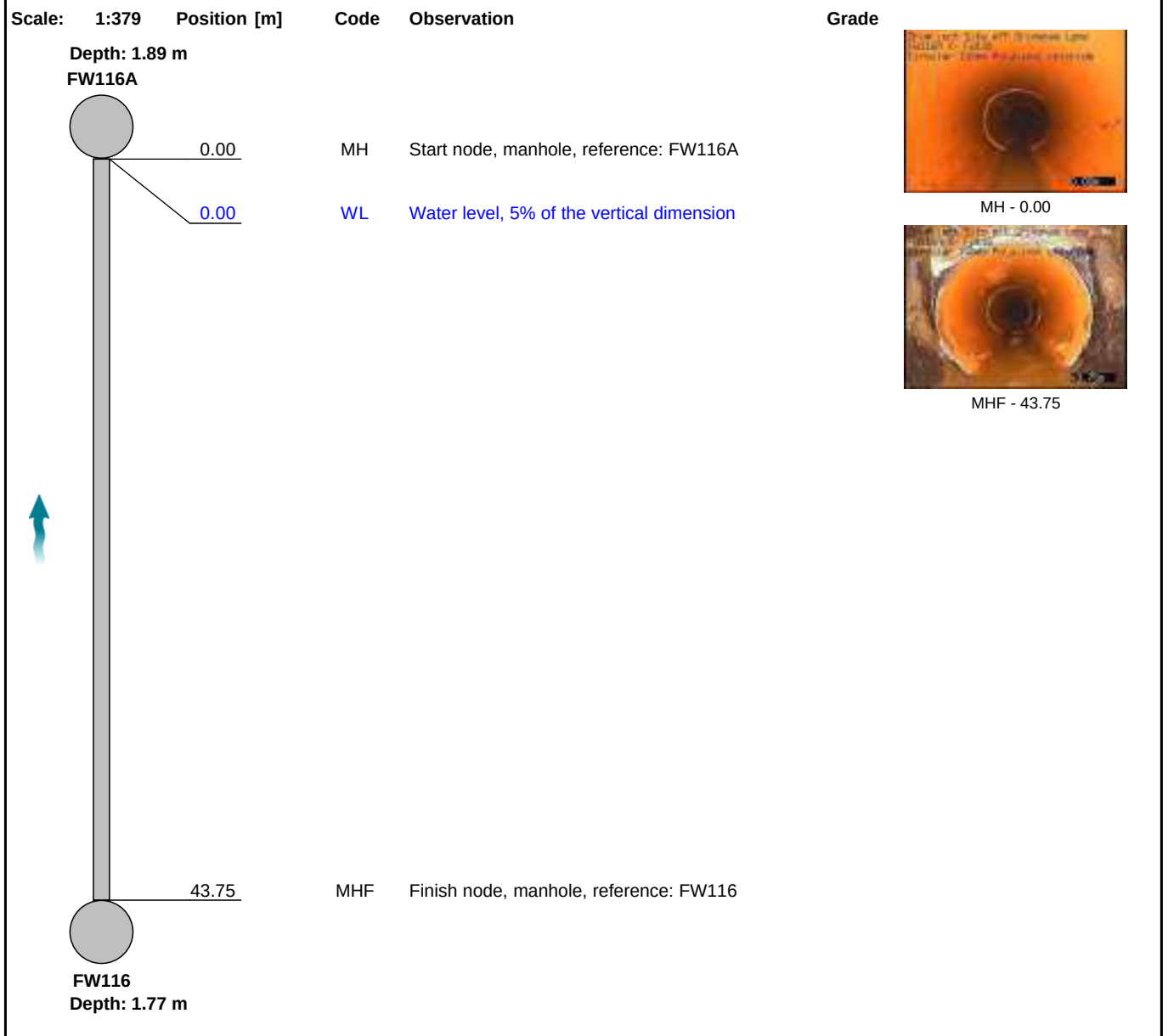


Item No. 132	Insp. No. 1	Date: 27/06/24	Time: 8:38	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW116X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW116
Road:	Grimshaw Lane	Inspected Length:	43.75 m	Upstream Pipe Depth:	1.77
Post Code:	M40 2BA	Total Length:	43.75 m	Downstream Node:	FW116A
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 27/06/2024 - FW116X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
132	Upstream	FW116X	132	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116A



2, 00:04:40, 43.75 m
Finish node, manhole, reference: FW116



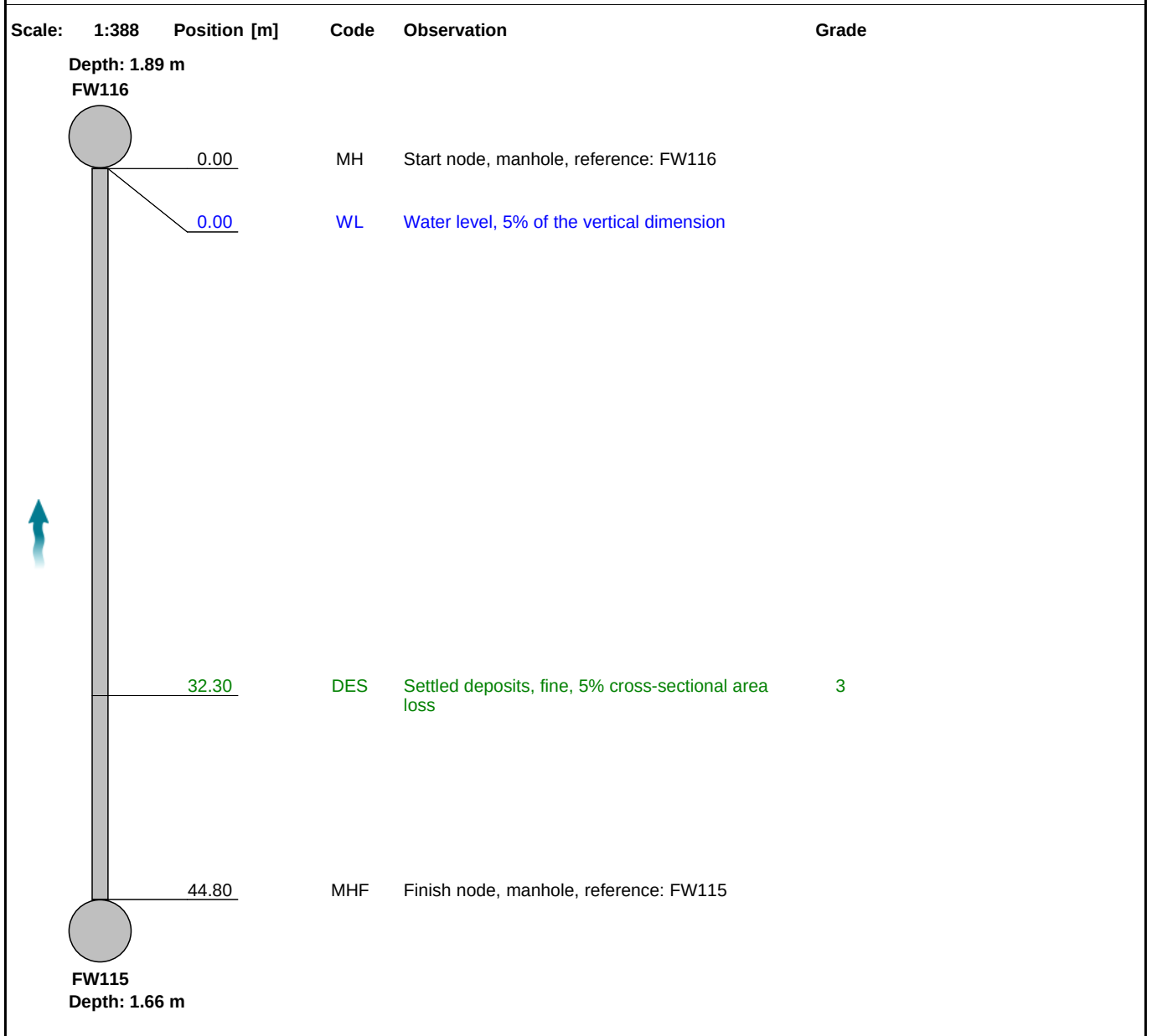
Section Inspection - 27/06/2024 - FW115X



Item No. 133	Insp. No. 1	Date: 27/06/24	Time: 8:49	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW115X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW115
Road:	Grimshaw Lane	Inspected Length:	44.80 m	Upstream Pipe Depth:	1.66
Post Code:	M40 2BA	Total Length:	44.80 m	Downstream Node:	FW116
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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	1	2.0	0.0	2.0	3.0



Section Inspection - 27/06/2024 - FW116BX

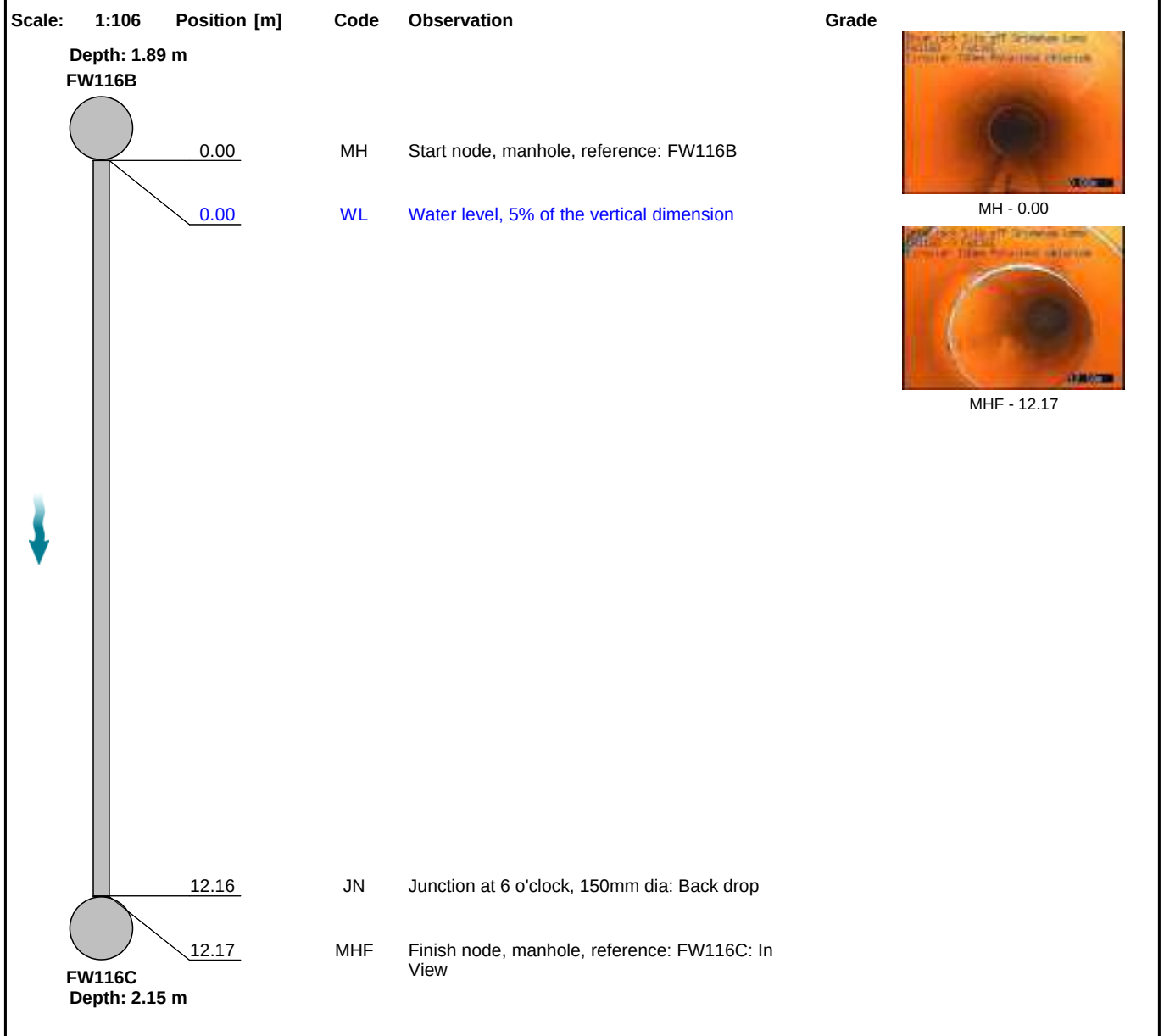


Item No. 134	Insp. No. 1	Date: 27/06/24	Time: 9:36	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW116BX
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Downstream	Upstream Node:	FW116B
Road:	Grimshaw Lane	Inspected Length:	12.17 m	Upstream Pipe Depth:	1.89
Post Code:	M40 2BA	Total Length:	12.17 m	Downstream Node:	FW116C
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	2.15
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 27/06/2024 - FW116BX

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
134	Downstream	FW116BX	134	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116B



2, 00:01:40, 12.17 m
Finish node, manhole, reference: FW116C, In View



Section Inspection - 27/06/2024 - FW128X

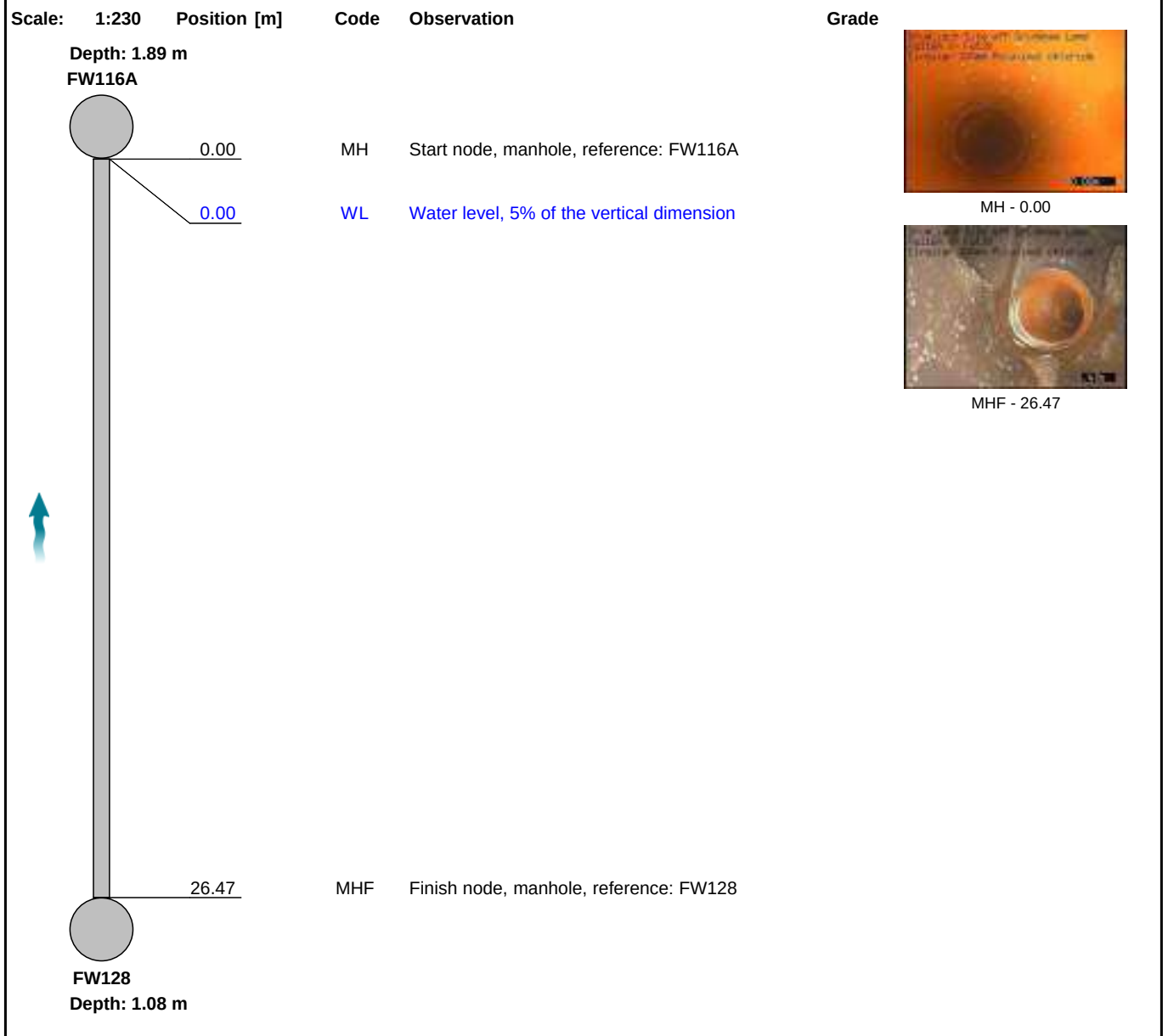


Item No. 135	Insp. No. 1	Date: 27/06/24	Time: 11:11	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR FW128X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	FW128
Road:	Grimshaw Lane	Inspected Length:	26.47 m	Upstream Pipe Depth:	1.08
Post Code:	M40 2BA	Total Length:	26.47 m	Downstream Node:	FW116A
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 27/06/2024 - FW128X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
135	Upstream	FW128X	135	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116A



2, 00:01:26, 26.47 m
Finish node, manhole, reference: FW128



Section Inspection - 27/06/2024 - UC49X

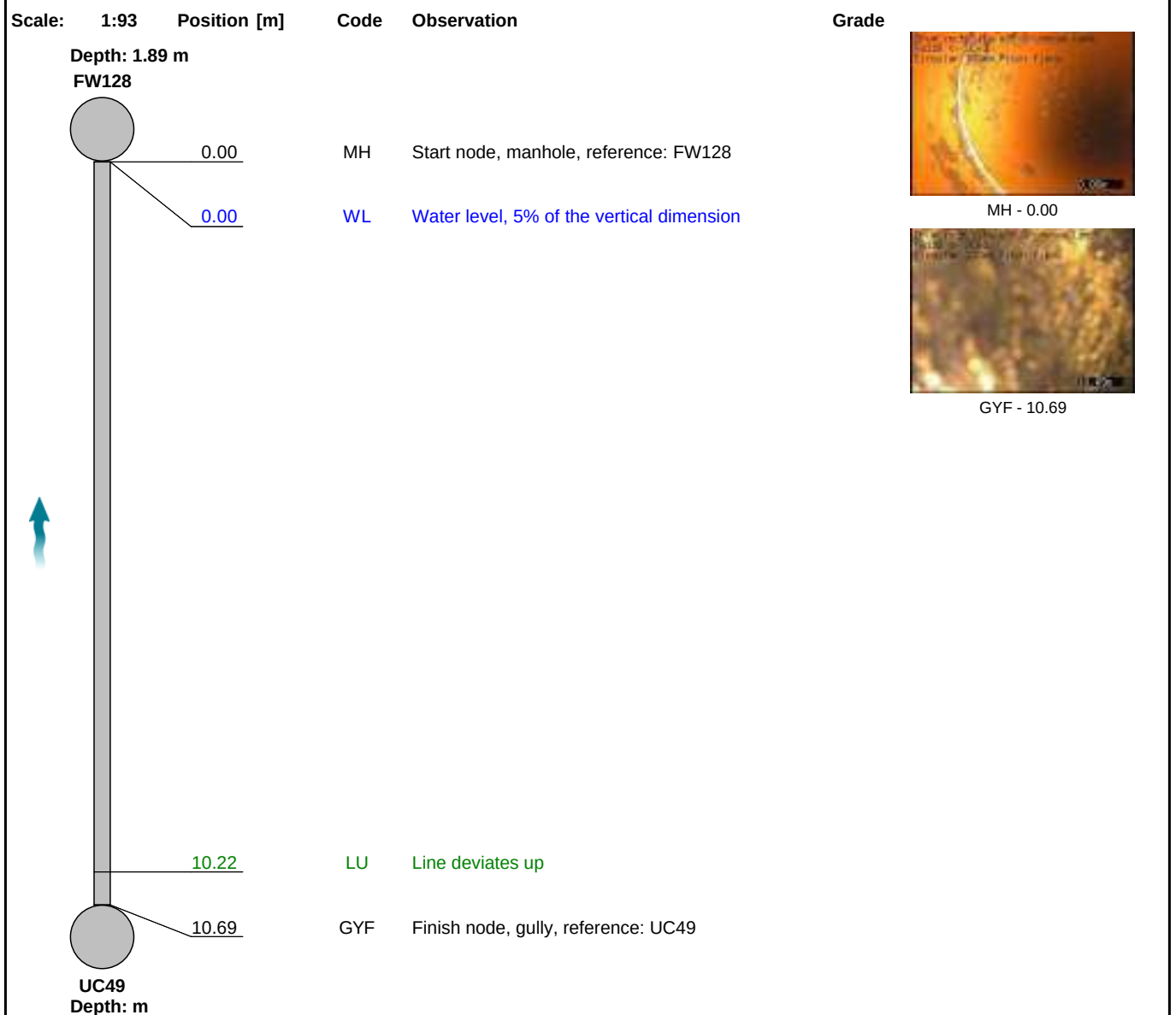


Item No. 136	Insp. No. 1	Date: 27/06/24	Time: 11:14	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC49X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC49
Road:	Grimshaw Lane	Inspected Length:	10.69 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	10.69 m	Downstream Node:	FW128
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.89

Asset Use:	Foul	Asset Shape:	Circular
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm
Asset Owner:	Private	Asset Material:	Pitch fibre
Year Constructed:	Not Specified	Asset Lining Type:	No Lining
Inspection Purpose:	Routine inspection	Asset 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 - 27/06/2024 - UC49X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
136	Upstream	UC49X	136	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW128



2, 00:00:52, 10.69 m
Finish node, gully, reference: UC49



Section Inspection - 27/06/2024 - UC50X

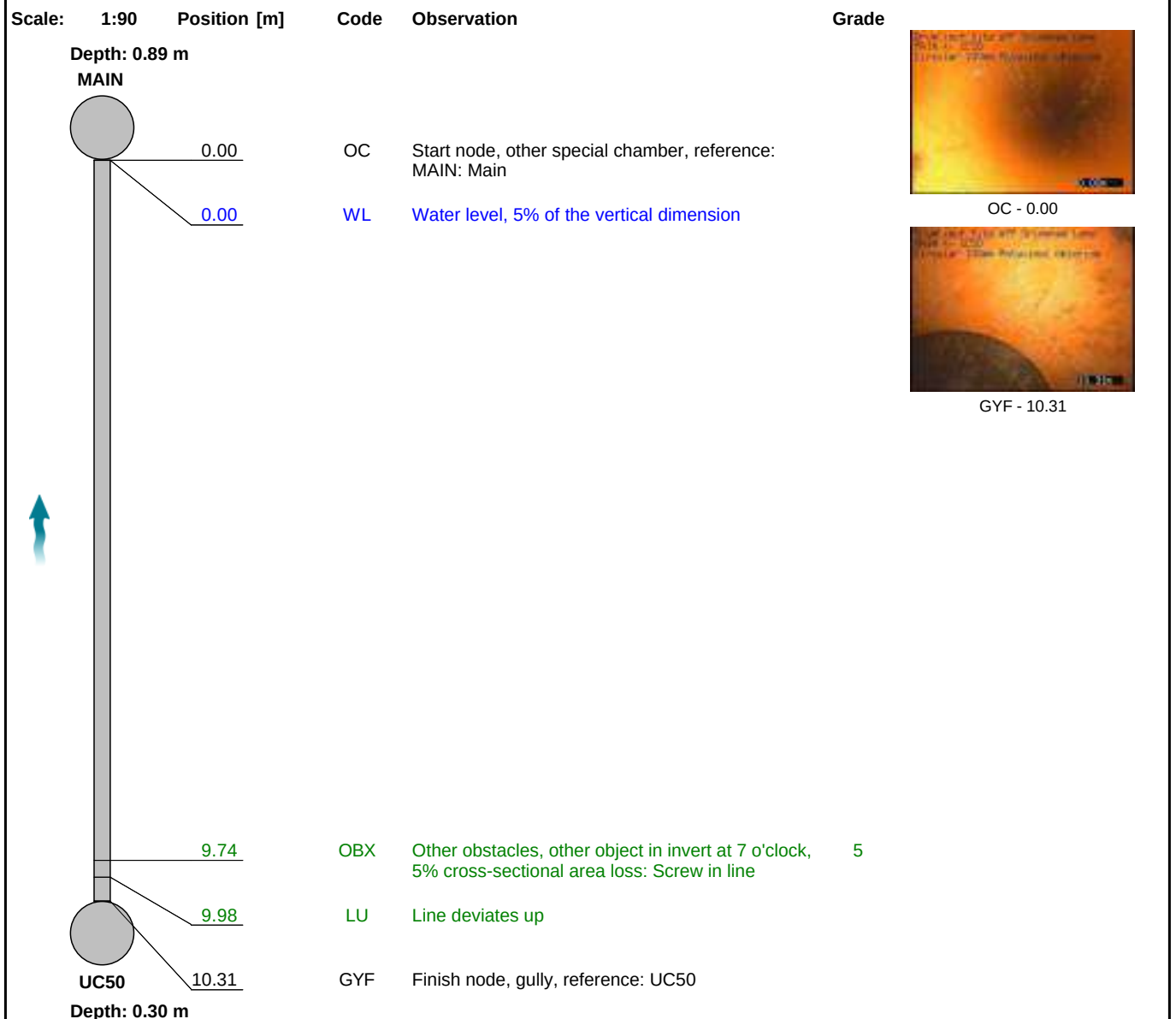


Item No. 137	Insp. No. 1	Date: 27/06/24	Time: 11:18	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC50X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Push Camera	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC50
Road:	Grimshaw Lane	Inspected Length:	10.31 m	Upstream Pipe Depth:	0.30
Post Code:	M40 2BA	Total Length:	10.31 m	Downstream Node:	MAIN
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	0.89
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	100 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

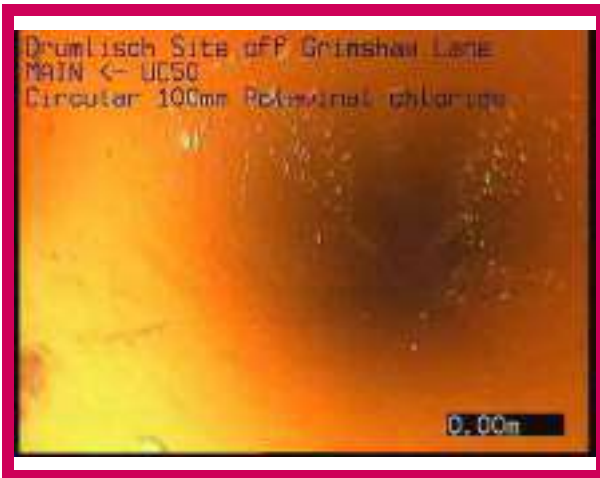
Service & Operational Observations

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	1	10.0	1.0	10.0	5.0



Section Pictures - 27/06/2024 - UC50X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
137	Upstream	UC50X	137	LSO0381562



1, 00:00:00, 0.00 m
Start node, other special chamber, reference: MAIN, Main



2, 00:00:46, 10.31 m
Finish node, gully, reference: UC50



Section Inspection - 27/06/2024 - UC51X



Item No. 138	Insp. No. 1	Date: 27/06/24	Time: 11:36	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR UC51X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC51
Road:	Grimshaw Lane	Inspected Length:	12.74 m	Upstream Pipe Depth:	0.38
Post Code:	M40 2BA	Total Length:	12.74 m	Downstream Node:	FW116C
Surface Type:		Joint Length:	1.50 m	Downstream Pipe Depth:	1.98
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	150 mm		
Asset Owner:	Private	Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:111	Position [m]	Code	Observation	Grade
Depth: 1.98 m FW116C					
		0.00	MH	Start node, manhole, reference: FW116C	 MH - 0.00
		0.00	WL	Water level, 5% of the vertical dimension	
		3.67	DEC	Settled deposits, hard or compacted, 5% cross-sectional area loss	3
		4.65	DER	Settled deposits, coarse, 10% cross-sectional area loss	3
		7.71	WL	Water level, 15% of the vertical dimension	
		7.87	WL	Water level, 10% of the vertical dimension	
		9.34	WL	Water level, 10% of the vertical dimension	
		10.46	WL	Water level, 5% of the vertical dimension	
		12.74	OCF	Finish node, other special chamber, reference: UC51: Capped	 OCF - 12.74
UC51 Depth: 0.38 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	2	2.0	0.3	4.0	3.0



Section Pictures - 27/06/2024 - UC51X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
138	Upstream	UC51X	138	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: FW116C



2, 00:00:41, 3.67 m
Settled deposits, hard or compacted, 5% cross-sectional area loss



3, 00:00:47, 4.65 m
Settled deposits, coarse, 10% cross-sectional area loss



4, 00:01:45, 12.74 m
Finish node, other special chamber, reference: UC51, Capped

1111

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW204
Road:	Grimshaw Lane	Inspected Length:	57.33 m	Upstream Pipe Depth:	2.90
Post Code:	M40 2BA	Total Length:	57.33 m	Downstream Node:	SW103
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.95
Asset Use:	Surface water	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Recommendations:

272



Section Pictures - 27/06/2024 - SW204X

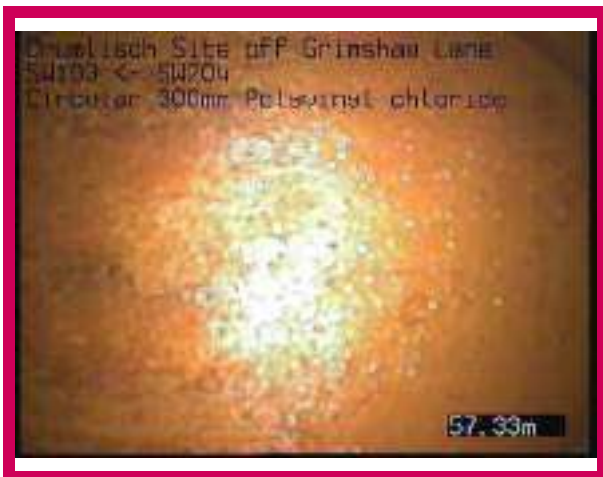
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
139	Upstream	SW204X	139	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW103



2, 00:00:57, 7.88 m
Connection defective, connecting pipe is intruding at 01 o'clock, 150mm dia, intrusion: 10%



3, 00:04:53, 57.33 m
Finish node, catchpit, reference: SW204, Yet to be installed



Section Inspection - 27/06/2024 - SW106X

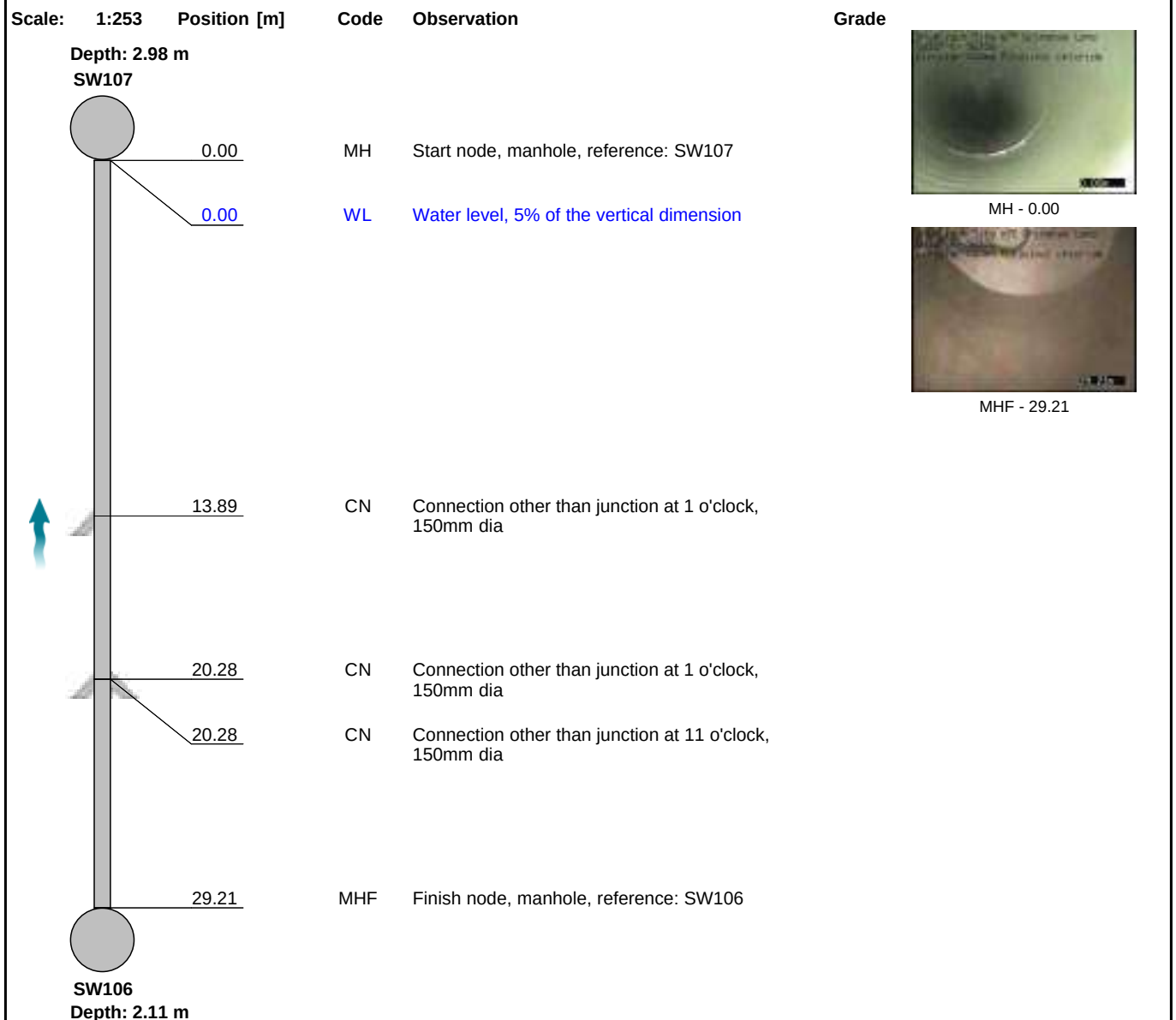


Item No. 140	Insp. No. 1	Date: 27/06/24	Time: 14:44	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SW106X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW106
Road:	Grimshaw Lane	Inspected Length:	29.21 m	Upstream Pipe Depth:	2.11
Post Code:	M40 2BA	Total Length:	29.21 m	Downstream Node:	SW107
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.98
Asset Use:	Surface water	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	450 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 27/06/2024 - SW106X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
140	Upstream	SW106X	140	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW107



2, 00:02:48, 29.21 m
Finish node, manhole, reference: SW106



Section Inspection - 27/06/2024 - SW105X

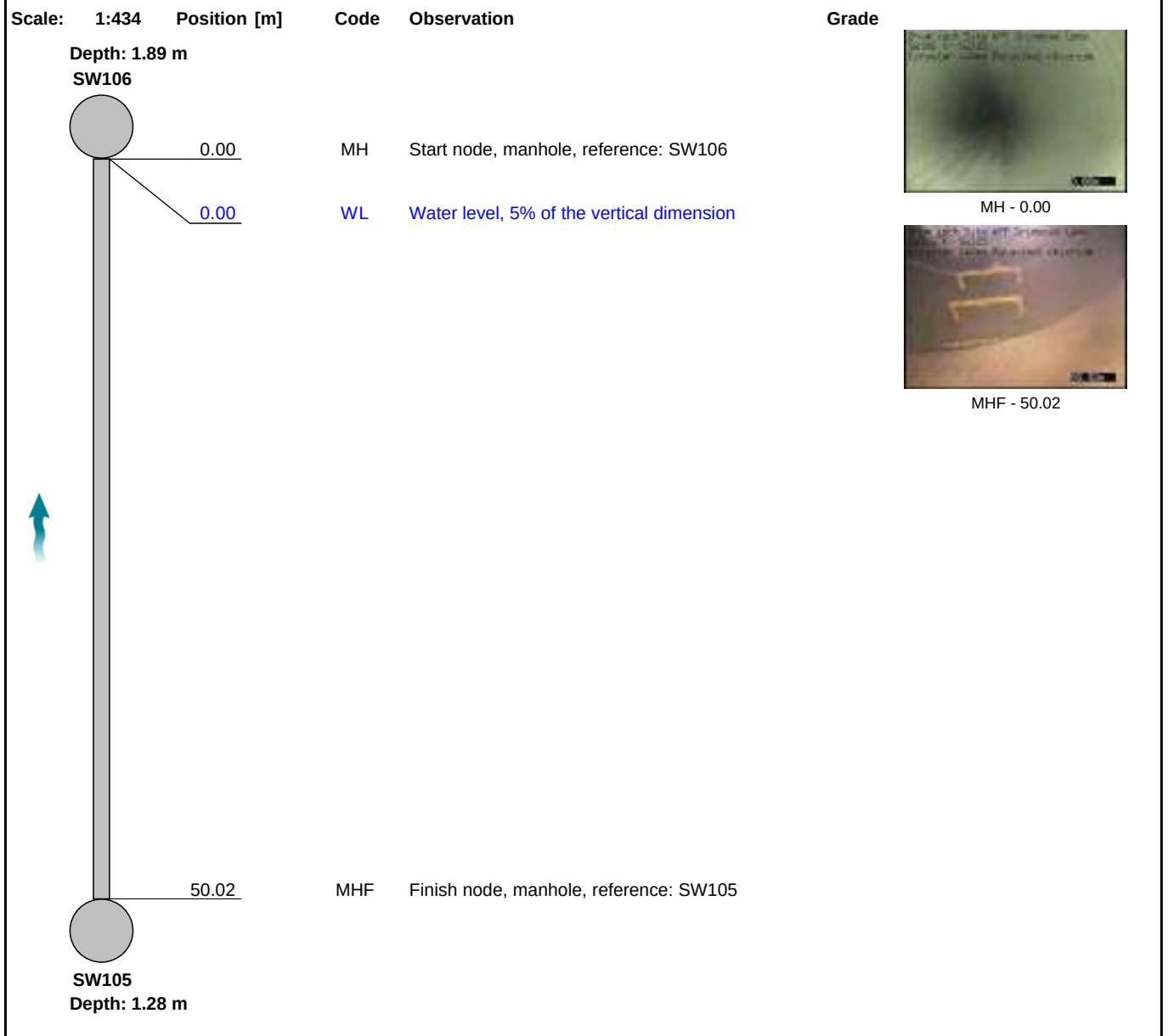


Item No. 141	Insp. No. 1	Date: 27/06/24	Time: 14:48	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SW105X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW105
Road:	Grimshaw Lane	Inspected Length:	50.02 m	Upstream Pipe Depth:	1.28
Post Code:	M40 2BA	Total Length:	50.02 m	Downstream Node:	SW106
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.89
Asset Use:	Surface water	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	450 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 27/06/2024 - SW105X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
141	Upstream	SW105X	141	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW106



2, 00:03:17, 50.02 m
Finish node, manhole, reference: SW105



Section Inspection - 27/06/2024 - SW104X



Item No. 142	Insp. No. 1	Date: 27/06/24	Time: 14:53	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SW104X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW104
Road:	Grimshaw Lane	Inspected Length:	31.34 m	Upstream Pipe Depth:	1.01
Post Code:	M40 2BA	Total Length:	31.34 m	Downstream Node:	SW105
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.17
Asset Use:	Surface water	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:272	Position [m]	Code	Observation	Grade
Depth: 1.17 m SW105				
	0.00	MH	Start node, manhole, reference: SW105	
	0.00	WL	Water level, 5% of the vertical dimension	
	1.72	CN	Connection other than junction at 10 o'clock, 150mm dia	
	12.44	CN	Connection other than junction at 10 o'clock, 150mm dia	
	25.97	CN	Connection other than junction at 10 o'clock, 150mm dia	
	31.34	MHF	Finish node, manhole, reference: SW104	
SW104 Depth: 1.01 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 Pictures - 27/06/2024 - SW104X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
142	Upstream	SW104X	142	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW105



2, 00:07:04, 31.34 m
Finish node, manhole, reference: SW104

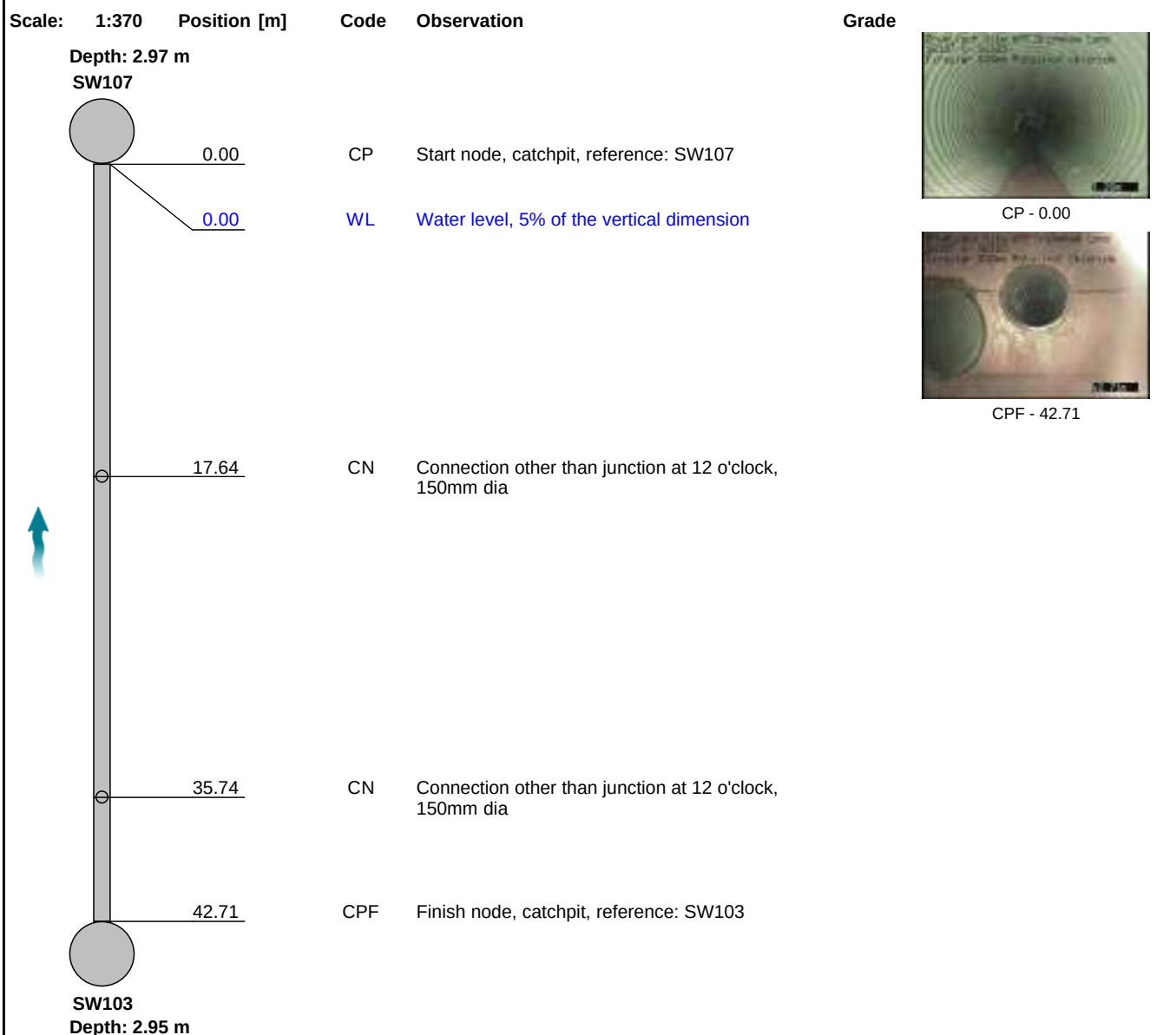
Section Inspection - 27/06/2024 - SW103X

Item No. 143	Insp. No. 1	Date: 27/06/24	Time: 15:23	Lanes Job Number LSO0381562	Weather No Rain Or Snow	Pre Cleaned Yes	PLR SW103X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW103
Road:	Grimshaw Lane	Inspected Length:	42.71 m	Upstream Pipe Depth:	2.95
Post Code:	M40 2BA	Total Length:	42.71 m	Downstream Node:	SW107
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.97
Asset Use:	Surface water	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	600 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 27/06/2024 - SW103X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
143	Upstream	SW103X	143	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW107



2, 00:02:39, 42.71 m
Finish node, catchpit, reference: SW103



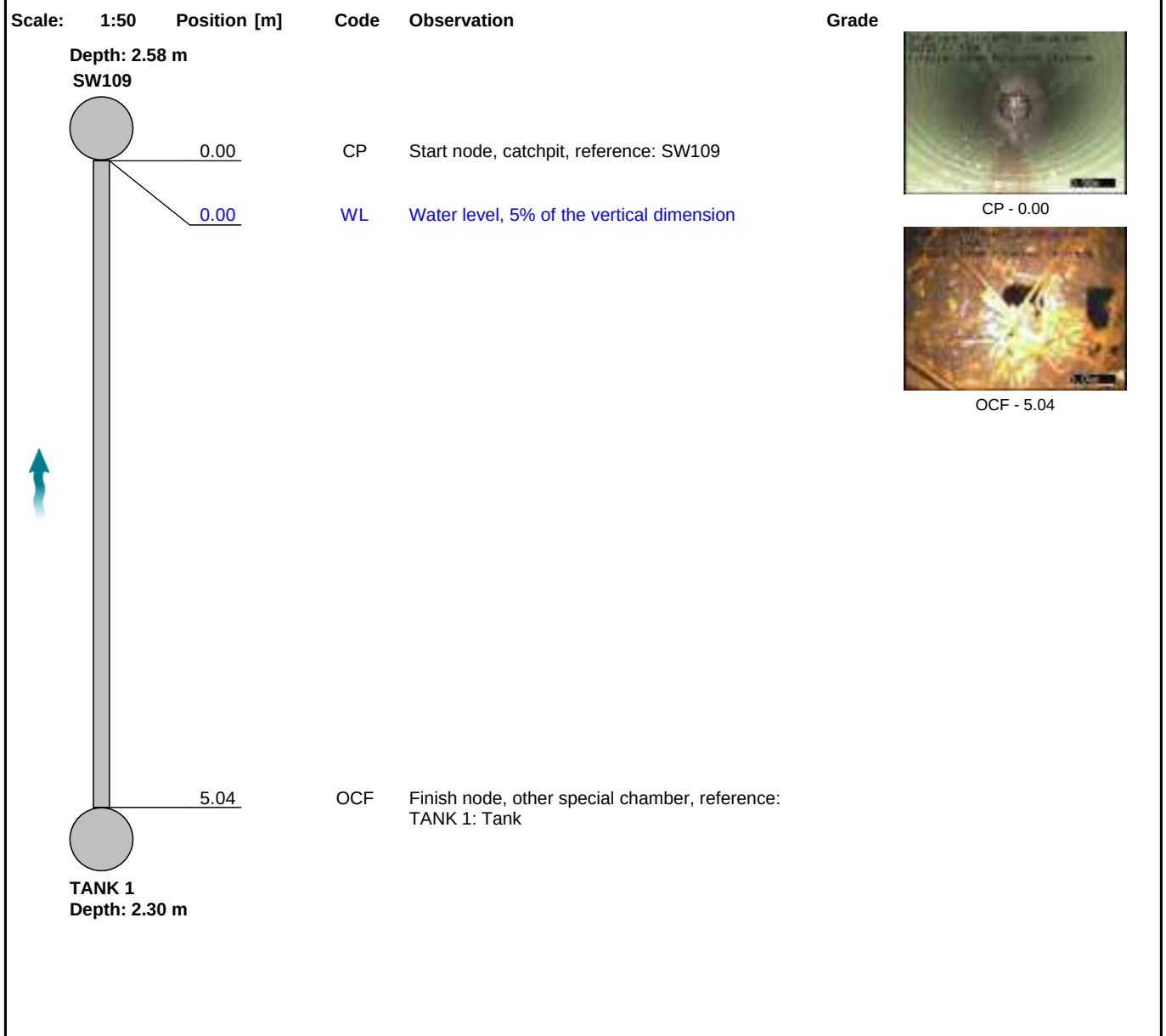
Section Inspection - 28/06/2024 - TANK 1X



Item No. 144	Insp. No. 1	Date: 28/06/24	Time: 10:44	Lanes Job Number LSO0381562	Weather Rain	Pre Cleaned Yes	PLR TANK 1X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	TANK 1
Road:	Grimshaw Lane	Inspected Length:	5.04 m	Upstream Pipe Depth:	2.30
Post Code:	M40 2BA	Total Length:	5.04 m	Downstream Node:	SW109
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.58
Asset Use:	Foul	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	450 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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

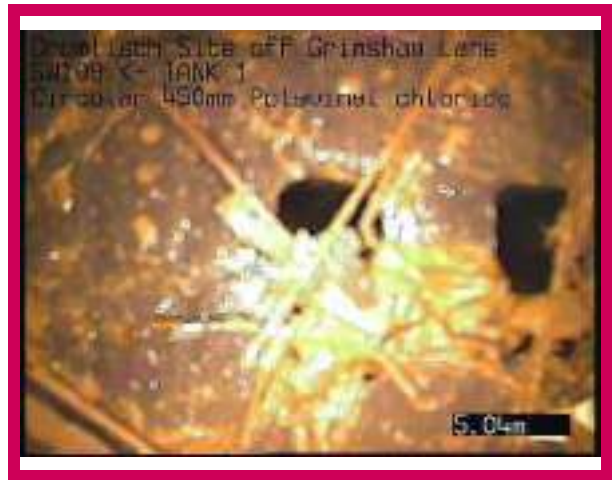


Section Pictures - 28/06/2024 - TANK 1X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
144	Upstream	TANK 1X	144	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW109



2, 00:00:32, 5.04 m
Finish node, other special chamber, reference: TANK 1, Tank



Section Inspection - 28/06/2024 - SW107X



Item No. 145	Insp. No. 1	Date: 28/06/24	Time: 10:47	Lanes Job Number LSO0381562	Weather Rain	Pre Cleaned Yes	PLR SW107X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW107
Road:	Grimshaw Lane	Inspected Length:	38.68 m	Upstream Pipe Depth:	2.68
Post Code:	M40 2BA	Total Length:	38.68 m	Downstream Node:	SW109
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.85
Asset Use:	Surface water	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	600 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:335	Position [m]	Code	Observation	Grade
Depth: 2.85 m SW109				
	0.00	CP	Start node, catchpit, reference: SW109	
	0.00	WL	Water level, 10% of the vertical dimension	
	16.95	CN	Connection other than junction at 11 o'clock, 150mm dia	
	18.88	CN	Connection other than junction at 11 o'clock, 150mm dia	
	24.79	CN	Connection other than junction at 11 o'clock, 150mm dia	
	36.28	CN	Connection other than junction at 11 o'clock, 150mm dia	
	38.68	CPF	Finish node, catchpit, reference: SW107	
SW107 Depth: 2.68 m				

Construction Features

Miscellaneous Features

Structural Defects

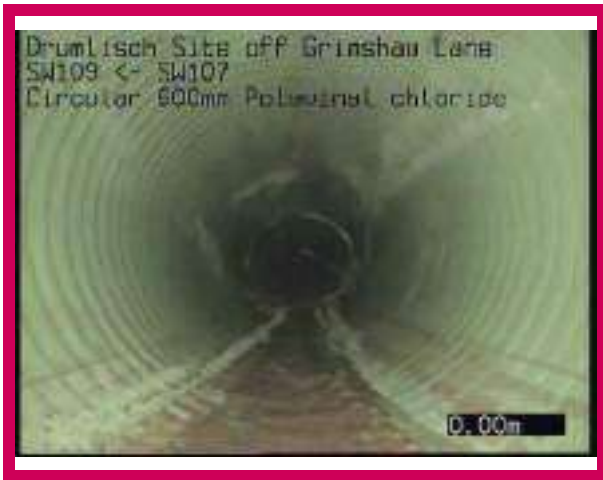
Service & Operational Observations

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 Pictures - 28/06/2024 - SW107X

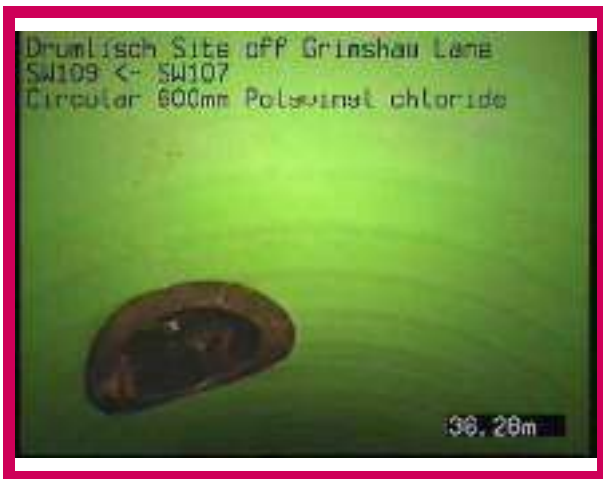
Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
145	Upstream	SW107X	145	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW109



2, 00:01:29, 18.88 m
Connection other than junction at 11 o'clock, 150mm dia



3, 00:04:05, 36.28 m
Connection other than junction at 11 o'clock, 150mm dia



Section Inspection - 28/06/2024 - SW108X

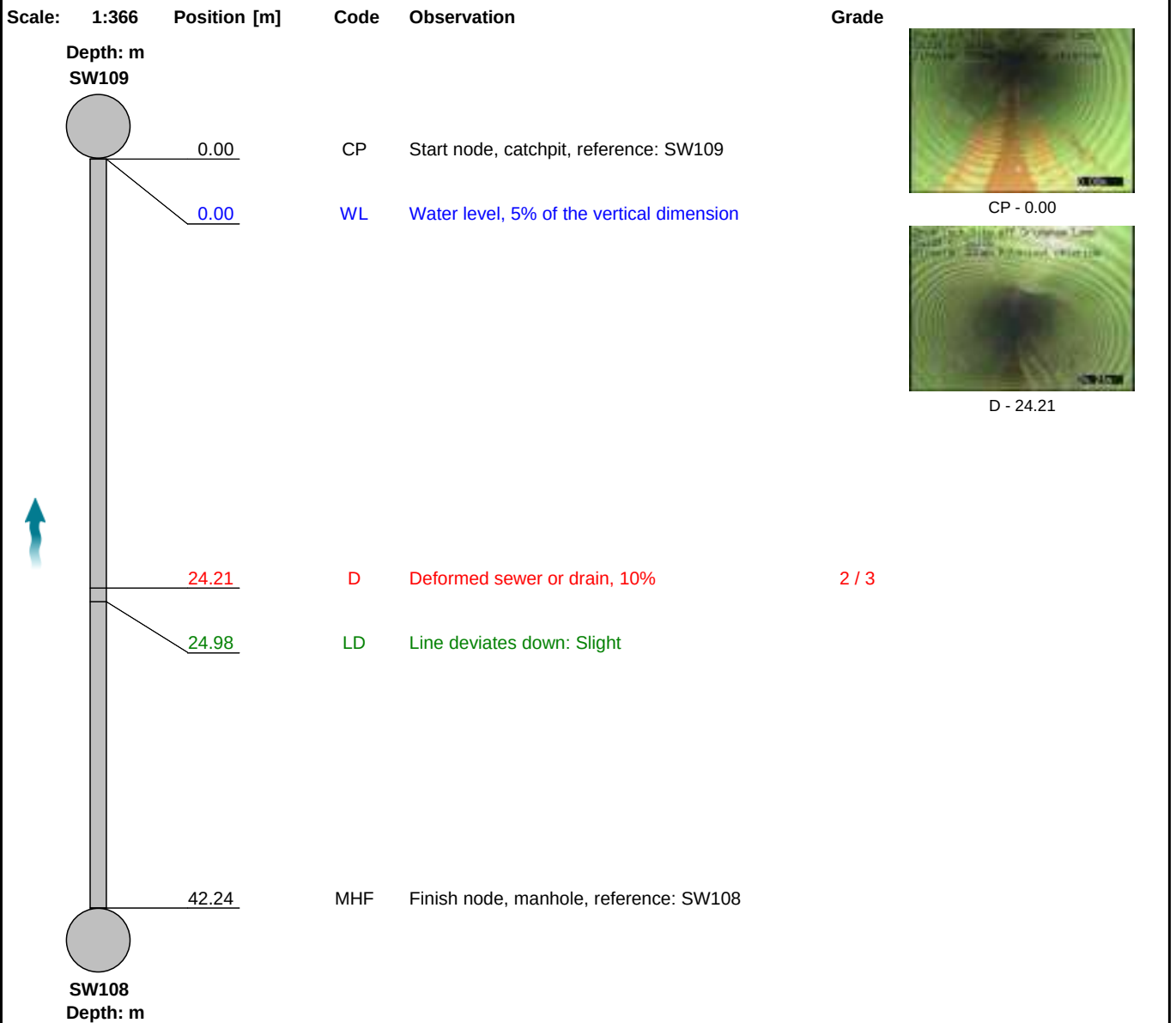


Item No. 146	Insp. No. 1	Date: 28/06/24	Time: 11:15	Lanes Job Number LSO0381562	Weather Rain	Pre Cleaned Yes	PLR SW108X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW108
Road:	Grimshaw Lane	Inspected Length:	42.24 m	Upstream Pipe Depth:	0
Post Code:	M40 2BA	Total Length:	42.24 m	Downstream Node:	SW109
Surface Type:		Joint Length:		Downstream Pipe Depth:	0
Asset Use:	Surface water	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	300 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:



Construction Features

Miscellaneous Features

Structural Defects

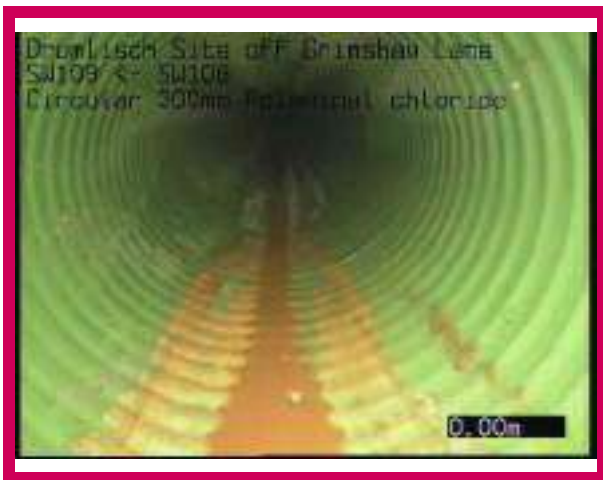
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	20.0	0.5	20.0	2.0	1	2.0	0.0	2.0	3.0



Section Pictures - 28/06/2024 - SW108X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
146	Upstream	SW108X	146	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW109



2, 00:02:32, 24.21 m
Deformed sewer or drain, 10%



Section Inspection - 28/06/2024 - UC52X

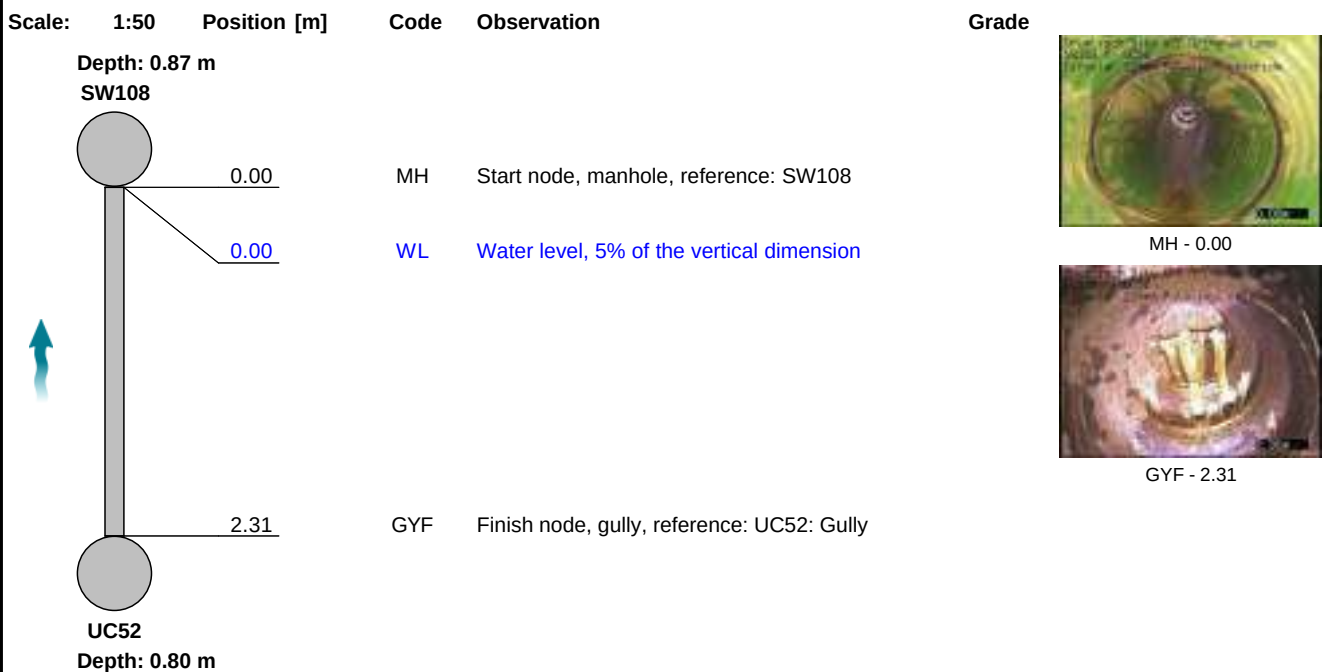


Item No. 147	Insp. No. 1	Date: 28/06/24	Time: 11:26	Lanes Job Number LSO0381562	Weather Rain	Pre Cleaned Yes	PLR UC52X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	UC52
Road:	Grimshaw Lane	Inspected Length:	2.31 m	Upstream Pipe Depth:	0.80
Post Code:	M40 2BA	Total Length:	2.31 m	Downstream Node:	SW108
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.87
Asset Use:	Surface water	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	225 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset 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 - 28/06/2024 - UC52X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
147	Upstream	UC52X	147	LSO0381562



1, 00:00:00, 0.00 m
Start node, manhole, reference: SW108



2, 00:00:31, 2.31 m
Finish node, gully, reference: UC52, Gully



Section Inspection - 28/06/2024 - SW109X



Item No. 148	Insp. No. 1	Date: 28/06/24	Time: 14:16	Lanes Job Number LSO0381562	Weather Rain	Pre Cleaned Yes	PLR SW109X
Operator M. Sweeney		Asset Location: Property or buildings		Camera Small Crawler	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Manchester	Inspection Direction:	Upstream	Upstream Node:	SW109
Road:	Grimshaw Lane	Inspected Length:	61.82 m	Upstream Pipe Depth:	2.56
Post Code:	M40 2BA	Total Length:	61.82 m	Downstream Node:	SW110
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.58
Asset Use:	Surface water	Asset Shape:	Circular		
Asset Type:	Gravity drain/sewer	Dia/Height:	600 mm		
Asset Owner:		Asset Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Asset Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Asset Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:536	Position [m]	Code	Observation	Grade
<p>Depth: 2.58 m SW110</p>				
	0.00	CP	Start node, catchpit, reference: SW110	
	0.00	WL	Water level, 5% of the vertical dimension	
	9.92	CN	Connection other than junction at 1 o'clock, 150mm dia	
	10.91	CN	Connection other than junction at 11 o'clock, 150mm dia	
	17.13	CN	Connection other than junction at 11 o'clock, 150mm dia	
	20.55	CN	Connection other than junction at 1 o'clock, 150mm dia	
	36.09	CXI	Connection defective, connecting pipe is intruding at 12 o'clock, 150mm dia, intrusion: 5%	3
	37.04	CXI	Connection defective, connecting pipe is intruding at 12 o'clock, 150mm dia, intrusion: 10%	3
	41.94	CN	Connection other than junction at 12 o'clock, 150mm dia	
	46.04	CN	Connection other than junction at 01 o'clock, 150mm dia	
	61.82	CPF	Finish node, catchpit, reference: SW109	
<p>SW109 Depth: 2.56 m</p>				



CP - 0.00



CXI - 36.09



CPF - 61.82

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	2.0	0.1	4.0	3.0



Section Pictures - 28/06/2024 - SW109X

Item No.	Inspection Direction	PLR	Insp. No.	Lanes Job Number
148	Upstream	SW109X	148	LSO0381562



1, 00:00:00, 0.00 m
Start node, catchpit, reference: SW110



2, 00:02:34, 36.09 m
Connection defective, connecting pipe is intruding at 12 o'clock, 150mm dia, intrusion: 5%



3, 00:04:32, 61.82 m
Finish node, catchpit, reference: SW109