



SDS Ltd
DRAINAGE SPECIALIST

CCTV Inspection Report

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Liverpool Road, Manchester, Off Deansgate

28/01/2025

Job Number: 28.01.2025
Client Job Number: 28.01.2025

Sewer Drainage Specialist Ltd

12 Urmston Lane, Stretford, Greater Manchester, M32 9BQ
Tel: 07799 803317



Project Information

Job Number
28.01.2025

Surveyed by (Operator)
Aaron

Base Unit
FRLS86BI29

Date
28/01/2025

Client Details:

TJM Projects

Site Details:

Liverpool Road, Manchester, Off Deansgate

Contractor Details:

Sewer Drainage Specialist Ltd
112 Urmston Lane
Stretford
Greater Manchester
M32 9BQ

Office Contact Number: 07799 803317

Purpose of Survey:



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Site Drawings/Photos

Sewer Drainage Specialist Ltd
112 Urmston Lane
Stretford
Greater Manchester
M32 9BQ

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This sketch is not to scale and does not represent the exact routing of the drainage system





Site Photos

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Manhole / Access Point: MH1 Location



Manhole / Access Point: MH1 Internal



Manhole / Access Point: MH1 Location



Manhole / Access Point: MH1 Internal



Other Site Photos: Site



Other Site Photos: Site



Job Number
28.01.2025

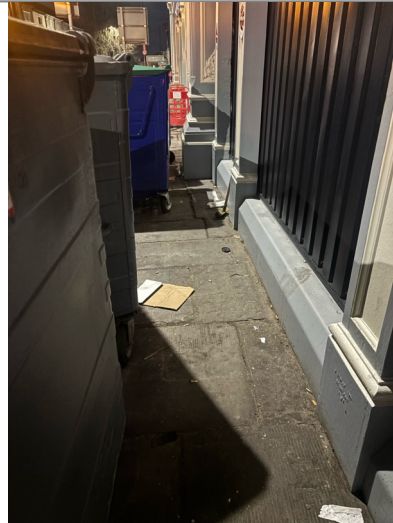
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Date
28/01/2025



Other Site Photos: No MH underneath bins



Other Site Photos: No MH as shown on plan



Other Site Photos: No MH as shown on plan



Other Site Photos: Site



Other Site Photos: Site

Job Number 28.01.2025	Surveyed by (Operator) Aaron	Base Unit FRLS86BI29	Date 28/01/2025
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Forms for use with STC25

Computerised Sewer Records

Node Reference:

Grid Reference:	MH1			Survey Date:	
Location:	LIVERPOOL ROAD, MANCHESTER			Drainage Area Code:	DAC
Year Laid:	U	Status:	PU	Function:	C
				Node Type:	M
				Evidence of surcharge:	M
<u>Cover Detail</u>	Shape:	S	Hinged:	N	Lockable:
					N
	Cover Duty:	L	Size (mm):	520	x 520
<u>Shaft Detail</u>	Side Entry:	N	Regulating Brick courses:	18	Shaft Depth (mm):
					1900
	Size (mm):	710	x	520	
<u>Chamber Detail</u>	Soffit:	N	No of Steps:	7	No of Ladders:
					0
	Landings:	0	Size (mm):	760	x 1300
Depth of Flow (mm):	0	Depth of Silt (mm):	0	Height of Surcharge (mm):	
				Cover Level (mm):	0

	Upstream Reference	Pipe Shape	Pipe Size/Dia (mm)	Backdrop Diameter (mm)	Pipe Material	Lining Material	Depth
A	A	Circular	225	0	VC	Not Lined	
B	B	Circular	100	400mm Depth to internal dropper from Cover	CI	Not Lined	3040 Depthe
C							
D							
E							
F							

	Downstream Reference	Pipe Shape	Pipe Size/Dia (mm)	Trap	Rodding Eye (Dia)	Pipe Material	Lining Material	Depth from Cover	Invert Level
X	O/F1	Circular	225	Yes	150	VC	Not Lined	3230	
Y									

Condition Issues Cover Irons/Ladders Shaft Chamber Benching Other

(Y) if attention required. Specific details in general remarks below

General Remarks



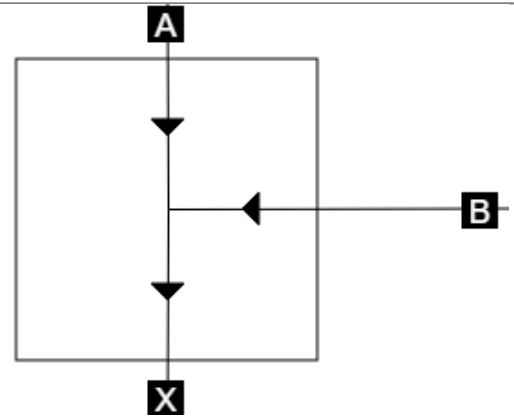
Job Number
28.01.2025

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Base Unit
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Location Sketch



Manhole Plan (North Up)



Manhole Location



Manhole Internal

Job Number 28.01.2025	Surveyed by (Operator) Aaron	Base Unit FRLS86BI29	Date 28/01/2025
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Job Information

Total Distance Surveyed: **8.75 meters**
Engineer: **Aaron**
Number of Surveys: **3**
Number of Surveys grade 4 or above: **1**

Section 1 Overview (28/01/2025)

Manholes: **MH1 to A**
Pipe Length: **1.52 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **225mm**
Use: **Combined**

Section 2 Overview (28/01/2025)

Manholes: **MH1 to O/F1**
Pipe Length: **7.21 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **225mm**
Use: **Combined**

Section 3 Overview (28/01/2025)

Manholes: **MH1 to B**
Pipe Length: **0.02 metres**
Structural Grade: **5**
Service Grade: **0**
Material: **Cast iron**
Pipe Size: **100mm**
Use: **Surface water**

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Surveyed by (Operator) Aaron	Job Number 28.01.2025	Pipe Length Reference(PLR) A X	Date 28/01/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit FRLS86BI29	Section Number 1
Road Liverpool Road,Manchester, Off Deansgate Place Location		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 225mm Material Vitrified clay Category	Start Node MH1 End Node A Total length 1.52 metres		
Scale 1:0.08 Direction Upstream		View via iTouch Live  Download 		

Start Node Ref:MH1 I/L : metres					Photo	Type/Grade	
Position	Code	Description					
	0.00	MH	Start node type, manhole, reference MH1			11161297	Comment / 0
	0.00	WL	Water level 5% height/diameter			11161298	Comment / 0
							
	1.30	LU	Line of drain/sewer deviates up - Remark: SHARP			11161299	Comment / 0
	1.52	OCF	Finish node type, other special chamber, reference A			11161300	Comment / 0
End Node Ref:A I/L : metres							



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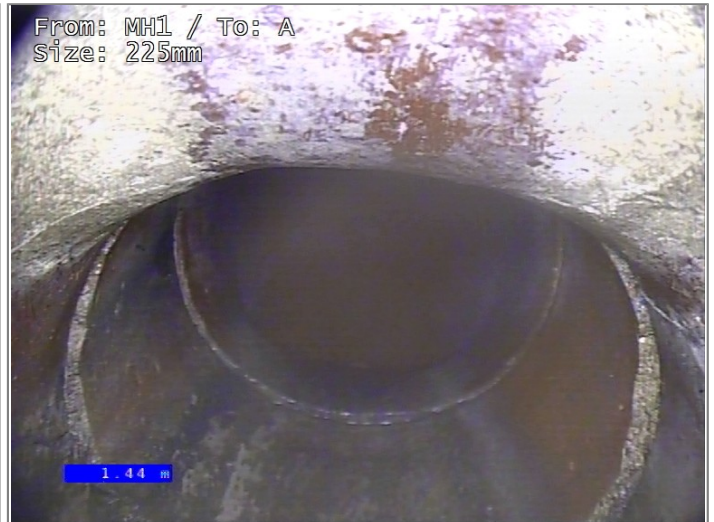
Start node type, manhole, reference MH1



Water level 5% height/diameter



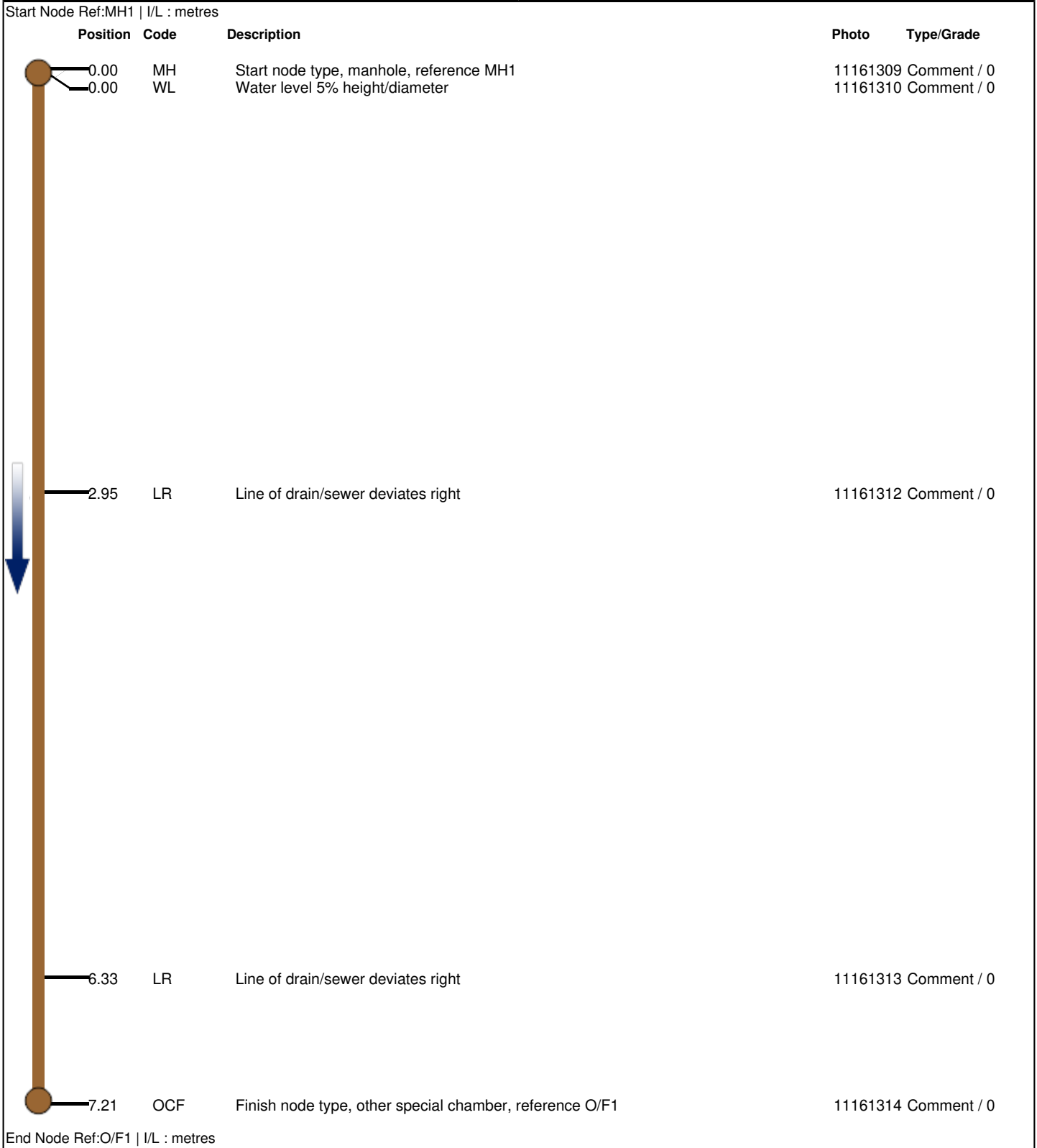
Line of drain/sewer deviates up - Remark: SHARP



Finish node type, other special chamber, reference A

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Surveyed by (Operator) Aaron	Job Number 28.01.2025	Pipe Length Reference(PLR) MH1 X	Date 28/01/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit FRLS86BI29	Section Number 2
Road Liverpool Road,Manchester, Off Deansgate Place Location		Division District Location Details		
Purpose Duty Combined Catchment	Shape/Size 225mm Material Vitrified clay Category		Start Node MH1 End Node O/F1 Total length 7.21 metres	
Scale 1:0.38 Direction Downstream		View via iTouch Live  Download 		





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Start node type, manhole, reference MH1



Water level 5% height/diameter



Line of drain/sewer deviates right

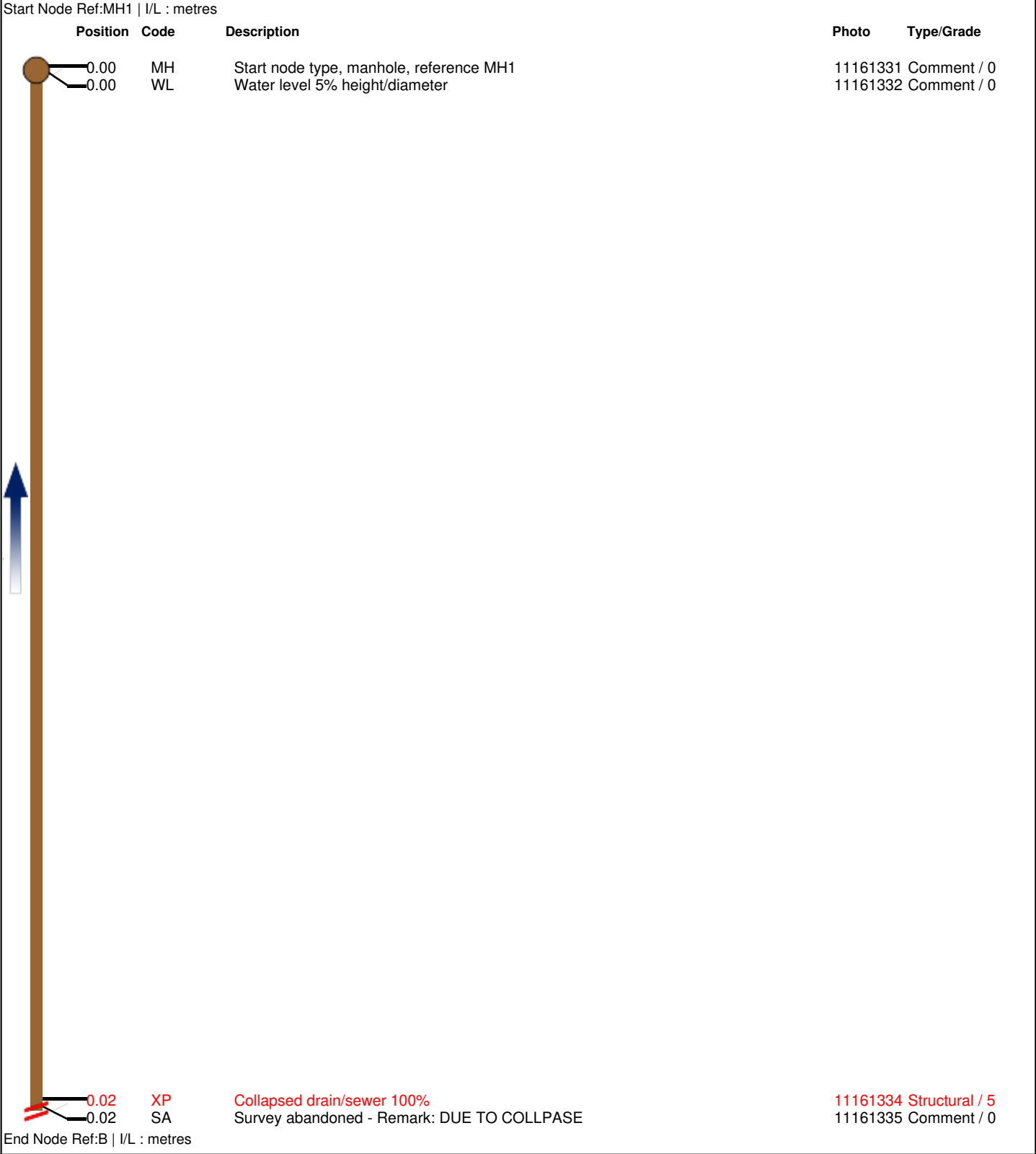


Line of drain/sewer deviates right



Finish node type, other special chamber, reference O/F1

Surveyed by (Operator) Aaron	Job Number 28.01.2025	Pipe Length Reference(PLR) B X	Date 28/01/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/5	Base Unit FRLS86BI29	Section Number 3
Road Liverpool Road,Manchester, Off Deansgate		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Cast iron Category	Start Node MH1 End Node B Total length 0.02 metres		
Scale 1:0.00 Direction Upstream		View via iTouch Live  Download 		





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Date
28/01/2025



Start node type, manhole, reference MH1



Water level 5% height/diameter



Collapsed drain/sewer 100%



Survey abandoned - Remark: DUE TO COLLPASE



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Structural Defects (SRM 4)

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Stretford
Greater Manchester
M32 9BQ

Job Number 28.01.2025				Surveyed by (Operator) Aaron			Base Unit FRLS86BI29			Date 28/01/2025			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	A X	U	C	225	28/01/2025	Vitrified clay	1.52 metres	1.52		0	1	0	0
2	MH1 X	D	C	225	28/01/2025	Vitrified clay	7.21 metres	7.21		0	1	0	0
3	B X	U	S	100	28/01/2025	Cast iron	0.02 metres	0.02		165	5	8,250.00	165



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Service Defects (SRM 4)

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Greater Manchester
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Job Number 28.01.2025				Surveyed by (Operator) Aaron			Base Unit FRLS86BI29			Date 28/01/2025			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	A X	U	C	225	28/01/2025	Vitrified clay	1.52 metres	1.52		0	1	0	0
2	MH1 X	D	C	225	28/01/2025	Vitrified clay	7.21 metres	7.21		0	1	0	0
3	B X	U	S	100	28/01/2025	Cast iron	0.02 metres	0.02		0	1	0	0

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1: Occurences without damage. For example, laterals, joints,etc. NO DEFECTS WERE DETECTED.			
2: Constructional deficiencies or occurences with insignificant influence to tightness, hydraulic or static pressure or pipe: Eg. wide joints, badly torched intakes, minor deformation of plastic pipes, minor erosions etc. REHABILITATION CAN BE SCHEDULED LONG-TERM.			
3: Constructional deficiencies diminishing static, hydraulic and tightness: Eg. untorched intakes, cracks, minor drainage obstructions such as calcite build ups, protruding laterals, minor damages to pipe wall, individual root penetrations, corroded pipe walls etc. REHABILITATION IS NECESSARY MEDIUM-TERM WITHIN 3 TO 5 YEARS.			
4: Constructional damages with insufficient static safety, hydraulic or tightness: Eg. axial/radial pipe bursts, pipe deformations, visually noticeable infiltration/exfiltration, cavities, in pipe-wall, severe protruding, laterals severe root penetrations, severe corrosion of pipe wall etc. REHABILITATION PROCEDURE IS URGENT AND HAS TO BE COMPLETED WITHIN 1 TO 2 YEARS. NECESSITY FOR EMERGENCY OPERATIONS HAS TO BE EXAMINED.			
5: Pipe is already or will shortly be impermeable: Eg. collapsed pipe, deeply rooted pipe or other drainage obstructions. Pipe loses water or danger of backwater in basements etc. REHABILITATION IS URGENT AND SHORT-TERM. IN ORDER TO PREVENT FURTHER DAMAGE, NECESSARY TEMPORARY SPOT REPAIR HAS TO BE CONDUCTED ON EMERGENCY LEVEL.			