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

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

Job Number	Surveyed by (Operator)	Base Unit	Date
28.01.2025	**Aaron**	**FRLS86BI29**	**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:

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

Report Contents

Page 1	Cover Page	
Page 2	Job Overview	
Page 3	Contents Page	
Page 4	Site Drawings	
Page 5	Site Photos	
Page 7		
Page 9	Job Summary	
Page 10	Survey Run Sheet(Survey 1 - MH1 to A)	View via iTouch Live
Page 12	Survey Run Sheet(Survey 2 - MH1 to O/F1)	View via iTouch Live
Page 14	Survey Run Sheet(Survey 3 - MH1 to B)	View via iTouch Live
Page 16	Defect Summary	
Page 18	Grade Defect Descriptions	

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Site Drawings/Photos

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

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



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Site Photos

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



Manhole / **Access Point:** MH1 Location



Manhole / **Access Point:** MH1 Internal



Manhole / **Access Point:** MH1 Location



Manhole / **Access Point:** MH1 Internal



Other Site Photos: Site

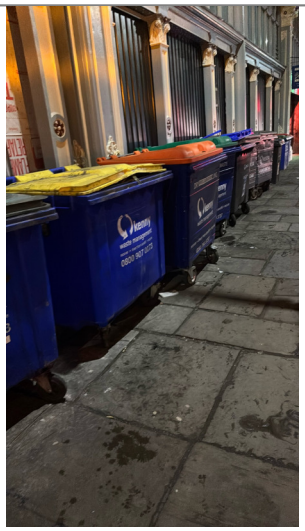


Other Site Photos: Site

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Site Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
28.01.2025	**Aaron**	**FRLS86BI29**	**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

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STC25 Computerised Sewer Records

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

Forms for use with
STC25
Computerised Sewer Records

Node Reference: MH1

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
Cover Detail	**Shape:**	S	**Hinged:**	N	**Lockable:**	N	**Cover Duty:**	L	**Size (mm):**	520 x 520	**Toxic Atmosphere:**	N
Shaft Detail	**Side Entry:**	N	**Regulating Brick courses:**	18	**Shaft Depth (mm):**	1900			**Size (mm):**	710 x 520	**Evidence of Vermin:**	N
Chamber Detail	**Soffit:**	N	**No of Steps:**	7	**No of Ladders:**	0	**Landings:**	0	**Size (mm):**	760 x 1300	**Chamber Construction:**	B

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 t
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**	No	**Irons/Ladders**	No	**Shaft**	No	**Chamber**	No	**Benching**	No	**Other**	No

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

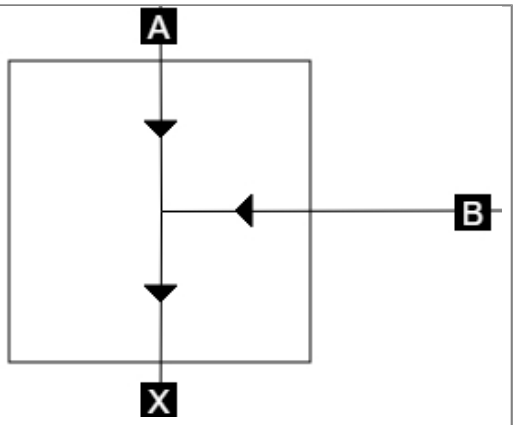
General Remarks

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STC25 Computerised Sewer Records

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

Location Sketch



Manhole Plan (North Up)



Manhole Location



Manhole Internal

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Report Summary

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

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)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
Aaron	**28.01.2025**	**A X**	**28/01/2025**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**FRLS86BI29**	**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**

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Start Node Ref:MH1 | I/L : metres

Position	Code	Description	Photo	Type/Grade
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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CCTV Inspection Photos

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



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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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
Aaron	**28.01.2025**	**MH1 X**	**28/01/2025**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**FRLS86BI29**	**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**

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Start Node Ref:MH1 | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference MH1	11161309	Comment / 0
0.00	WL	Water level 5% height/diameter	11161310	Comment / 0
2.95	LR	Line of drain/sewer deviates right	11161312	Comment / 0
6.33	LR	Line of drain/sewer deviates right	11161313	Comment / 0
7.21	OCF	Finish node type, other special chamber, reference O/F1	11161314	Comment / 0

End Node Ref:O/F1 | I/L : metres

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



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

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
Aaron	**28.01.2025**	**B X**	**28/01/2025**	**Not Cleaned**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/5**	**FRLS86BI29**	**3**

Road **Liverpool Road,Manchester, Off Deansgate**
Place
Location

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**

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Start Node Ref:MH1 | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference MH1	11161331	Comment / 0
0.00	WL	Water level 5% height/diameter	11161332	Comment / 0
0.02	XP	Collapsed drain/sewer 100%	11161334	Structural / 5
0.02	SA	Survey abandoned - Remark: DUE TO COLLPASE	11161335	Comment / 0

End Node Ref:B | I/L : metres

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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
28.01.2025	**Aaron**	**FRLS86BI29**	**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)

Job Number	Surveyed by (Operator)	Base Unit	Date
28.01.2025	**Aaron**	**FRLS86BI29**	**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)

Job Number	Surveyed by (Operator)	Base Unit	Date
28.01.2025	**Aaron**	**FRLS86BI29**	**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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Defect Grade Descriptions

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

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 insufficent 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.