CCTV Inspection Report



325 Deansgate St
Manchester
M3 4LQ

23/01/2026
Approved By: Scott Stevenson
Job Number: 1416972

Metro Rod (Manchester)

Unit 11, Fence Avenue Industrial Estate, Macclesfield, SK10 1LT
Tel: 01625 879 035

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
Macclesfield
SK10 1LT

Project Information

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

Client Details:

Assured CMS

Client Contact Name: Mike Gawthorpe
Client Contact Tel: 07887 499006

Site Details:

325 Deansgate St
Manchester
M3 4LQ

Site Contact Name: Mike Gawthorpe
Site Contact Tel: 07887 499006

Contractor Details:

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
Macclesfield
SK10 1LT

Office Contact Name: Scott Stevenson
Office Contact Number: 01625 879 035

Purpose of Survey:

Survey of new drainage

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
Macclesfield
SK10 1LT

Report Summary

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

Job Information

Total Distance Surveyed: **154.79 meters**
Engineer: **PHIL BAKER**
Number of Surveys: **21**
Number of Surveys grade 4 or above: **0**

Section 1 Overview (23/01/2026)

Manholes: **SWMH1 to B1**
Pipe Length: **5.57 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Surface water**

The survey of this drain run was found to be in a serviceable condition.

Section 2 Overview (23/01/2026)

Manholes: **SWMH1 to B2**
Pipe Length: **7.05 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Surface water**

The survey of this drain run was found to be in a serviceable condition.

Section 3 Overview (23/01/2026)

Manholes: **SWMH1 to B3**
Pipe Length: **11.81 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Surface water**

The survey of this drain run was found to be in a serviceable condition.

Section 4 Overview (23/01/2026)

Manholes: **SWMH1 to B4**
Pipe Length: **14.17 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Surface water**

The survey of this drain run was found to be in a serviceable condition.

Section 5 Overview (23/01/2026)

Manholes: **FWMH1 to B1**
Pipe Length: **3.57 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run shows fixed deposits.

We recommend treating the line with Picote milling and high pressure water jetting to remove the restrictions.

Metro Rod (Manchester)
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SK10 1LT

Report Summary

Job Number	Surveyed by (Operator)	Base Unit	Date
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Section 6 Overview (23/01/2026)

Manholes: **SWMH1 to SWMH2**
Pipe Length: **17.74 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **225mm**
Use: **Surface water**

The survey of this drain run was found to be in a serviceable condition.

Section 7 Overview (23/01/2026)

Manholes: **SWMH2 to B1**
Pipe Length: **5.07 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Surface water**

The survey of this drain run was found to be in a serviceable condition.

Section 8 Overview (23/01/2026)

Manholes: **SWMH2 to SWMH3**
Pipe Length: **11.19 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **300mm**
Use: **Surface water**

The survey of this drain run was found to be in a serviceable condition.

Section 9 Overview (23/01/2026)

Manholes: **FWMH2 to CWMH1**
Pipe Length: **15.14 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **300mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

Section 10 Overview (23/01/2026)

Manholes: **FWMH2 to B1**
Pipe Length: **0.21 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run shows fixed deposits.

We recommend treating the line with Picote milling and high pressure water jetting to remove the restrictions.

Section 11 Overview (23/01/2026)

Manholes: **FWMH2 to B2**
Pipe Length: **2.29 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

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Report Summary

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

Section 12 Overview (23/01/2026)

Manholes: **FWMH2 to B3**
Pipe Length: **0.76 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition. Reduction un surveyable due to incorrect fitting, not against the flow.

Section 13 Overview (23/01/2026)

Manholes: **FWMH2 to B4**
Pipe Length: **0.38 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

Section 14 Overview (23/01/2026)

Manholes: **FWMH2 to B5**
Pipe Length: **0.5 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

Section 15 Overview (23/01/2026)

Manholes: **POP1 to MAIN**
Pipe Length: **4.17 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run shows fixed deposits.

We recommend treating the line with Picote milling and high pressure water jetting to remove the restrictions.

Section 16 Overview (23/01/2026)

Manholes: **FWMH2 to FWMH1**
Pipe Length: **0 metres**
Structural Grade: **0**
Service Grade: **2**
Material: **Polyvinyl chloride**
Pipe Size: **300mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

Section 17 Overview (23/01/2026)

Manholes: **FWMH1 to B1**
Pipe Length: **5.1 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

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Section 18 Overview (23/01/2026)

Manholes: **FWMH1 to B2**
Pipe Length: **12.71 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

Section 19 Overview (23/01/2026)

Manholes: **FWMH1 to B3**
Pipe Length: **9.86 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

Section 20 Overview (23/01/2026)

Manholes: **FWMH1 to B4**
Pipe Length: **10.43 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyvinyl chloride**
Pipe Size: **150mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

Section 21 Overview (23/01/2026)

Manholes: **FWMH1 to FWMH2**
Pipe Length: **17.07 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Polyvinyl chloride**
Pipe Size: **300mm**
Use: **Foul**

The survey of this drain run was found to be in a serviceable condition.

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Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

STRUCTURAL DEFECTS

Grade 3; Best practice suggests consideration to be given to repair in the medium term.
Grade 4; Best practice suggests consideration to be given to repair to avoid potential collapse.
Grade 5; Best practice suggests this pipe is at risk of collapse at any time; urgent consideration should be given to repair to avoid collapse.

Structural Defects			
Section	PLR	Grade	Fault Description
No Structural Defects at Grade 3, 4 or 5 found on this survey.			

SERVICE / OPERATIONAL DEFECTS

Grade 3; Best practice suggests consideration to be given to maintenance activities in the medium term.
Grade 4; Best practice suggests consideration to be given to maintenance to avoid potential blockage.
Grade 5; Best practice suggests this pipe is at risk of backing up / causing flooding.

Service Defects			
Section	PLR	Grade	Fault Description
5	B1 X	3	Other attached deposits from 4 to 8 o'clock 20% cross-sectional area loss - Remark SCREED
10	B1 X	3	Other attached deposits from 5 to 7 o'clock 10% cross-sectional area loss - Remark SCREED
15	POP1 X	3	Settled deposits coarse 10% cross-sectional area loss
21	FWMH1 X	3	Settled deposits fine 10% cross-sectional area loss

ABANDONED SURVEYS

Camera no access		
Section	PLR	Fault Description
All surveys completed.		

INFORMATION

These summaries are based on the SRM grading from the WRC

Metro Rod (Manchester)
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Macclesfield
SK10 1LT

Main Sections

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

No.	US MH	DS MH	Date	Road	Material	m
1	SWMH1	B1	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	5.57
2	SWMH1	B2	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	7.05
3	SWMH1	B3	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	11.81
4	SWMH1	B4	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	14.17
5	FWMH1	B1	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	3.57
6	SWMH1	SWMH2	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	17.74
7	SWMH2	B1	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	5.07
8	SWMH2	SWMH3	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	11.19
9	FWMH2	CWMH1	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	15.14
10	FWMH2	B1	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	0.21
11	FWMH2	B2	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	2.29
12	FWMH2	B3	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	0.76
13	FWMH2	B4	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	0.38
14	FWMH2	B5	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	0.5
15	POP1	MAIN	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	4.17
16	FWMH2	FWMH1	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	0
17	FWMH1	B1	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	5.1
18	FWMH1	B2	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	12.71
19	FWMH1	B3	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	9.86
20	FWMH1	B4	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	10.43

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Main Sections

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

No.	US MH	DS MH	Date	Road	Material	m
21	FWMH1	FWMH2	23/01/2026	325 Deansgate St Manchester M3 4LQ	Polyvinyl chloride	17.07

Pipe size: 150 = 93.65m
Pipe size: 225 = 17.74m
Pipe size: 300 = 43.4m

All sections = 154.79m

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Defect Grade Descriptions

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

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.

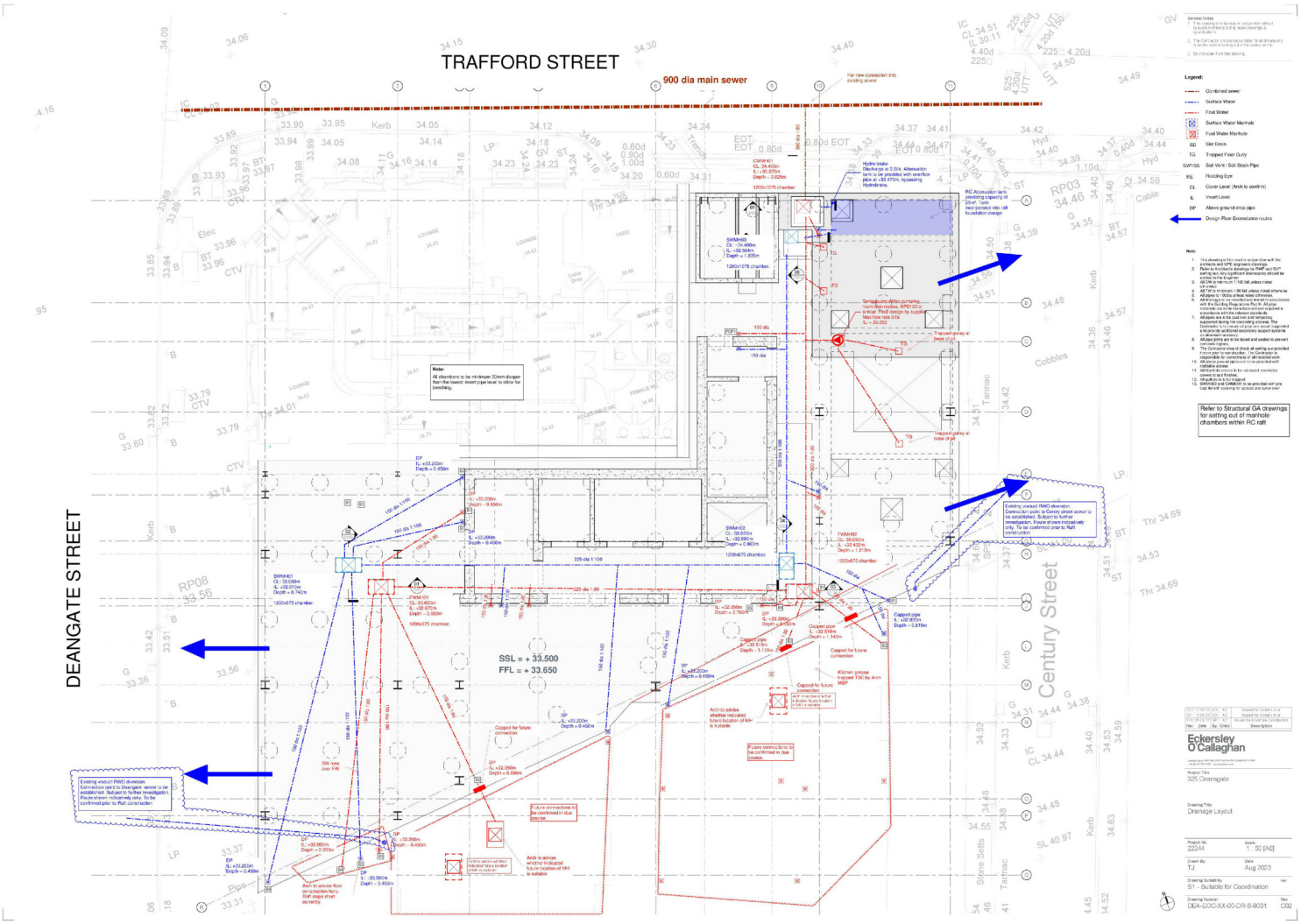
REHABILITATION IS URGENT AND SHORT-TERM. IN ORDER TO PREVENT FURTHER DAMAGE, NECESSARY TEMPORARY SPOT REPAIR HAS TO BE CONDUCTED ON EMERGENCY LEVEL.

Metro Rod (Manchester)
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Site Drawings/Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

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



Metro Rod (Manchester)
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B1 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**1**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Surface water**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **SWMH1**
End Node **B1**
Total length **5.57 metres**

Scale **1:0.29**
Direction **Upstream**

Start Node Ref:SWMH1 | I/L : metres | Depth: .75 metres

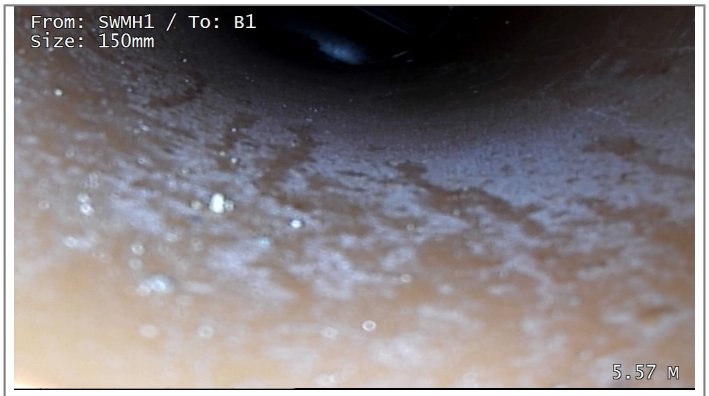
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference SWMH1	14030667	Comment / 0
0.00	WL	Water level 5% height/diameter	14030668	Comment / 0
1.40	LR	Line of drain/sewer deviates right	14030670	Comment / 0
5.57	REM	REST BEND AT HOL	14030672	Comment / 0

End Node Ref:B1 | I/L : metres

Metro Rod (Manchester)
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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



REST BEND AT HOL

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B2 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**2**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Surface water**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **SWMH1**
End Node **B2**
Total length **7.05 metres**

Scale **1:0.37**
Direction **Upstream**

Start Node Ref:SWMH1 | I/L : metres | Depth: .75 metres

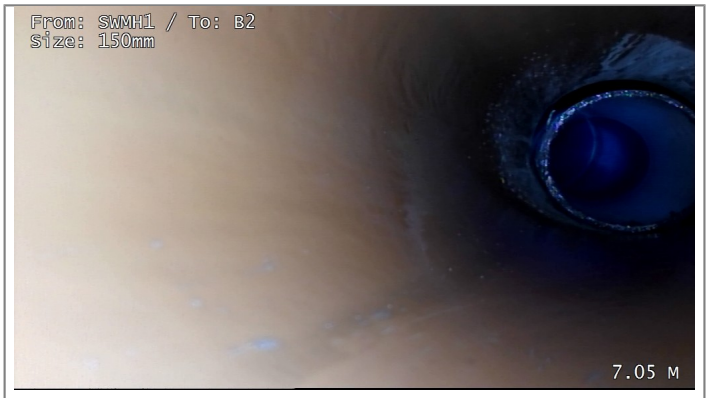
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference SWMH1	14030786	Comment / 0
0.00	WL	Water level 5% height/diameter	14030787	Comment / 0
0.83	LR	Line of drain/sewer deviates right	14030789	Comment / 0
7.05	REM	REST BEND AT HOL	14030798	Comment / 0

End Node Ref:B2 | I/L : metres

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CCTV Inspection Photos

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REST BEND AT HOL

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B3 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**3**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Surface water**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **SWMH1**
End Node **B3**
Total length **11.81 metres**

Scale **1:0.62**
Direction **Upstream**

Start Node Ref:SWMH1 | I/L : metres | Depth: .75 metres

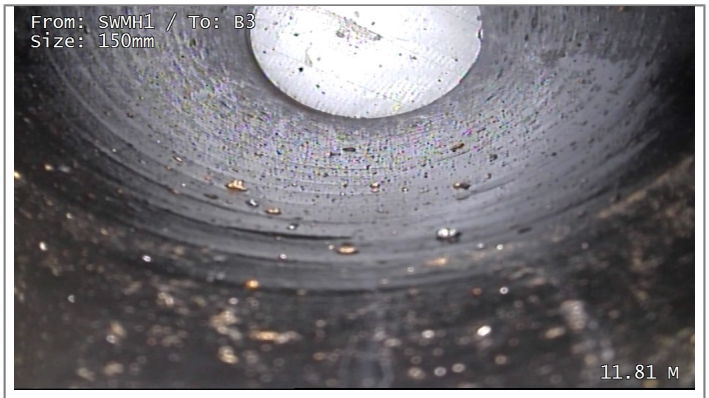
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference SWMH1	14031165	Comment / 0
0.00	WL	Water level 5% height/diameter	14031169	Comment / 0
11.81	REM	REST BEND AT HOL	14031220	Comment / 0

End Node Ref:B3 | I/L : metres

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CCTV Inspection Photos

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B4 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**4**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Surface water**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **SWMH1**
End Node **B4**
Total length **14.17 metres**

Scale **1:0.74**
Direction **Upstream**

Start Node Ref:SWMH1 | I/L : metres | Depth: .75 metres

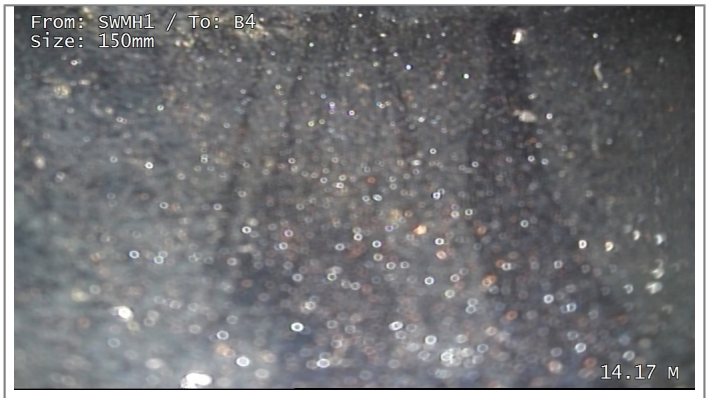
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference SWMH1	14031275	Comment / 0
0.00	WL	Water level 5% height/diameter	14031277	Comment / 0
14.17	REM	REST BEND AT HOL	14031278	Comment / 0

End Node Ref:B4 | I/L : metres

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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B1 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**3/0**	**P999FR3C17**	**5**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH1**
End Node **B1**
Total length **3.57 metres**

Scale **1:0.19**
Direction **Upstream**

Start Node Ref:FWMH1 | I/L : metres | Depth: 1 metres

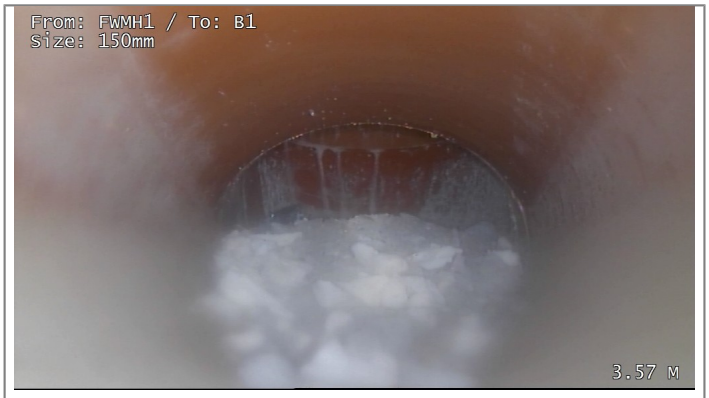
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH1	14032590	Comment / 0
0.00	WL	Water level 5% height/diameter	14032591	Comment / 0
3.57	DEZ	Other attached deposits from 4 to 8 o'clock 20% cross-sectional area loss - Remark SCREED	14032619	Service / 3

End Node Ref:B1 | I/L : metres

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
Macclesfield
SK10 1LT

CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



Other attached deposits from 4 to 8 o'clock 20% cross-sectional area loss - Remark SCREED

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**SWMH1 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**6**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Surface water**
Catchment

Shape/Size **225mm**
Material **Polyvinyl chloride**
Category

Start Node **SWMH1**
End Node **SWMH2**
Total length **17.74 metres**

Scale **1:0.93**
Direction **Downstream**

Start Node Ref:SWMH1 | I/L : metres | Depth: .75 metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference SWMH1	14032755	Comment / 0
0.00	WL	Water level 5% height/diameter	14032756	Comment / 0
4.71	JN	Junction at 3 o'clock, diameter 150mm	14032792	Comment / 0
10.48	JN	Junction at 3 o'clock, diameter 150mm	14032795	Comment / 0
13.83	JN	Junction at 3 o'clock, diameter 150mm	14032827	Comment / 0
17.74	MHF	Finish node type, manhole, reference SWMH2	14032828	Comment / 0

End Node Ref:SWMH2 | I/L : metres | Depth: 1 metres

Metro Rod (Manchester)
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**SWMH2 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**7**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Surface water**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **SWMH2**
End Node **B1**
Total length **5.07 metres**

Scale **1:0.27**
Direction **Downstream**

Start Node Ref:SWMH2 | I/L : metres | Depth: 1 metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference SWMH2	14033134	Comment / 0
0.00	WL	Water level 0% height/diameter	14033135	Comment / 0
3.48	JN	Junction at 3 o'clock, diameter 150mm	14033136	Comment / 0
4.74	LR	Line of drain/sewer deviates right	14033145	Comment / 0
5.07	REM	REST BEND AT HOL	14033146	Comment / 0

End Node Ref:B1 | I/L : metres

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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



REST BEND AT HOL

Metro Rod (Manchester)
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**SWMH2 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**8**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Surface water**
Catchment

Shape/Size **300mm**
Material **Polyvinyl chloride**
Category

Start Node **SWMH2**
End Node **SWMH3**
Total length **11.19 metres**

Scale **1:0.59**
Direction **Downstream**

Start Node Ref:SWMH2 | I/L : metres | Depth: 1 metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference SWMH2	14033184	Comment / 0
0.00	WL	Water level 5% height/diameter	14033188	Comment / 0
5.36	JN	Junction at 2 o'clock, diameter 150mm	14033255	Comment / 0
8.29	JN	Junction at 2 o'clock, diameter 150mm	14033258	Comment / 0
11.19	MHF	Finish node type, manhole, reference SWMH3	14033259	Comment / 0

End Node Ref:SWMH3 | I/L : metres | Depth: 1.8 metres

Metro Rod (Manchester)
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**FWMH2 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**9**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **300mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH2**
End Node **CWMH1**
Total length **15.14 metres**

Scale **1:0.79**
Direction **Downstream**

Start Node Ref:FWMH2 | I/L : metres | Depth: 1.2 metres



Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH2	14034511	Comment / 0
0.00	WL	Water level 5% height/diameter	14034514	Comment / 0
5.19	JN	Junction at 2 o'clock, diameter 150mm	14035496	Comment / 0
13.02	JN	Junction at 10 o'clock, diameter 150mm	14035497	Comment / 0
14.00	JN	Junction at 2 o'clock, diameter 100mm	14035514	Comment / 0
14.33	JN	Junction at 2 o'clock, diameter 150mm	14035517	Comment / 0
15.14	REM	BACK DROP	14035531	Comment / 0
15.14	MHF	Finish node type, manhole, reference CWMH1	14035533	Comment / 0

End Node Ref:CWMH1 | I/L : metres | Depth: 3.8 metres

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



BACK DROP

CCTV Inspection Report

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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B1 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**3/0**	**P999FR3C17**	**10**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH2**
End Node **B1**
Total length **0.21 metres**

Scale **1:0.01**
Direction **Upstream**

Start Node Ref:FWMH2 | I/L : metres | Depth: 1.2 metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH2	14035586	Comment / 0
0.00	WL	Water level 0% height/diameter	14035591	Comment / 0
0.00	DEZ	Other attached deposits from 5 to 7 o'clock 10% cross-sectional area loss - Remark SCREED	14035592	Service / 3
0.21	REM	REST BEND AT HOL	14035594	Comment / 0

End Node Ref:B1 | I/L : metres

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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



Other attached deposits from 5 to 7 o'clock 10% cross-sectional area loss - Remark SCREED



REST BEND AT HOL

Metro Rod (Manchester)
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B2 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**11**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH2**
End Node **B2**
Total length **2.29 metres**

Scale **1:0.12**
Direction **Upstream**

Start Node Ref:FWMH2 | I/L : metres | Depth: 1.2 metres

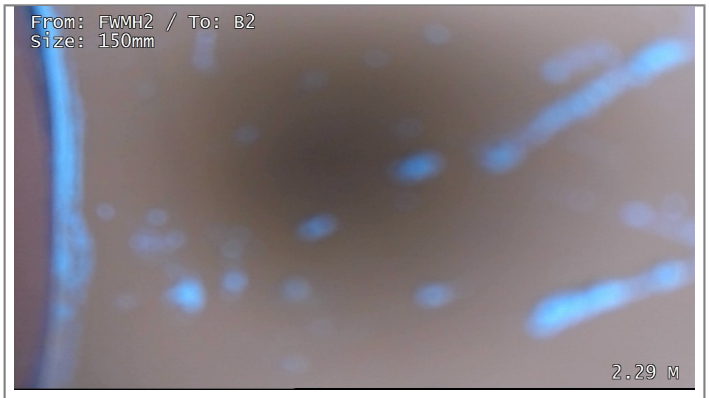
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH2	14035610	Comment / 0
0.00	WL	Water level 0% height/diameter	14035612	Comment / 0
2.00	LL	Line of drain/sewer deviates left	14035650	Comment / 0
2.29	REM	UNABLE TO PUSH FURTHE	14035656	Comment / 0

End Node Ref:B2 | I/L : metres

Metro Rod (Manchester)
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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



UNABLE TO PUSH FURTHE

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B3 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**12**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH2**
End Node **B3**
Total length **0.76 metres**

Scale **1:0.04**
Direction **Upstream**

Start Node Ref:FWMH2 | I/L : metres | Depth: 1.2 metres

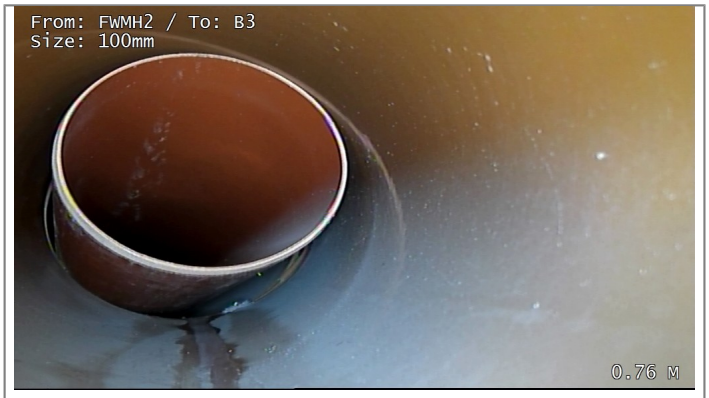
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH2	14035730	Comment / 0
0.00	WL	Water level 0% height/diameter	14035735	Comment / 0
0.76	SC	Dimensions of drain/sewer changes to 100mm	14035738	Comment / 0
0.76	REM	100MM LINE PUSHED INTO 150MM LINE.	14035742	Comment / 0

End Node Ref:B3 | I/L : metres

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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



100MM LINE PUSHED INTO 150MM LINE.

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
Macclesfield
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B4 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**13**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH2**
End Node **B4**
Total length **0.38 metres**

Scale **1:0.02**
Direction **Upstream**

Start Node Ref:FWMH2 | I/L : metres | Depth: 1.2 metres

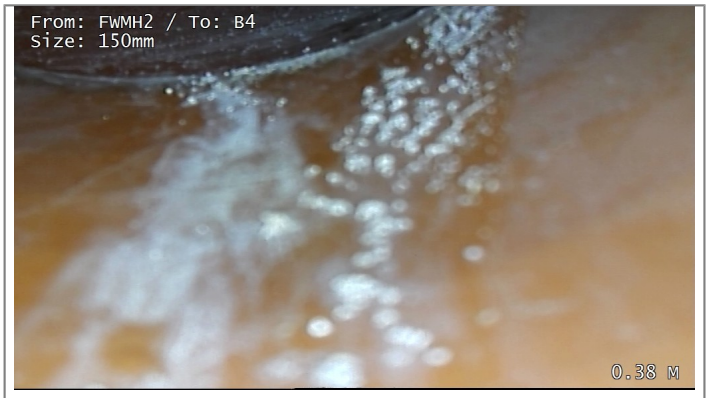
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH2	14035751	Comment / 0
0.00	WL	Water level 0% height/diameter	14035752	Comment / 0
0.38	REM	REST BEND AT HOL	14035755	Comment / 0

End Node Ref:B4 | I/L : metres

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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



REST BEND AT HOL

Metro Rod (Manchester)
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B5 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**14**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH2**
End Node **B5**
Total length **0.5 metres**

Scale **1:0.03**
Direction **Upstream**

Start Node Ref:FWMH2 | I/L : metres | Depth: 1.2 metres

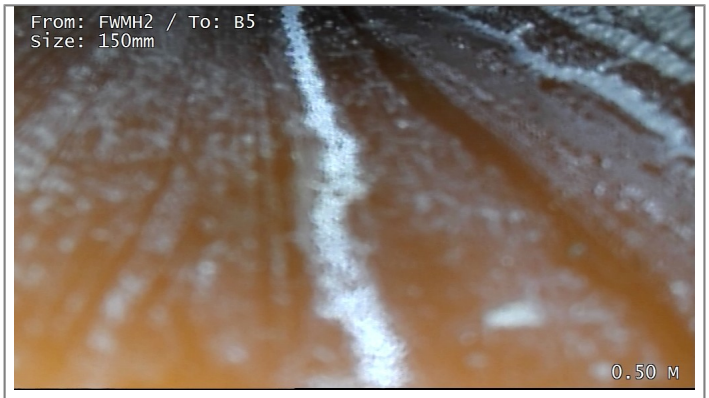
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH2	14035758	Comment / 0
0.00	WL	Water level 0% height/diameter	14035760	Comment / 0
0.50	REM	REST BEND AT HOL	14035768	Comment / 0

End Node Ref:B5 | I/L : metres

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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



REST BEND AT HOL

Metro Rod (Manchester)
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**POP1 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**3/0**	**P999FR3C17**	**15**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **POP1**
End Node **MAIN**
Total length **4.17 metres**

Scale **1:0.22**
Direction **Downstream**

Start Node Ref:POP1 | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	SN	Start node type: Source	14037412	Comment / 0
0.00	WL	Water level 0% height/diameter	14037414	Comment / 0
1.60	DER	Settled deposits coarse 10% cross-sectional area loss	14037416	Service / 3
4.17	OFF	Finish node type, outfall, reference MAIN	14037418	Comment / 0

End Node Ref:MAIN | I/L : metres

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Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



Settled deposits coarse 10% cross-sectional area loss

CCTV Inspection Report

Metro Rod (Manchester)
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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**FWMH2 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**2/0**	**P999FR3C17**	**16**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **300mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH2**
End Node **FWMH1**
Total length **0 metres**

Scale **1:0.00**
Direction **Downstream**

Start Node Ref:FWMH2 | I/L : metres | Depth: 1.2 metres

Position	Code	Description	Photo	Type/Grade
0.00	MHF	Finish node type, manhole, reference FWMH1	14037522	Comment / 0
0.00	JN	Junction at 1 o'clock, diameter 150mm	14037518	Comment / 0
0.00	DES	Settled deposits fine 5% cross-sectional area loss	14037506	Service / 2
0.00	MH	Start node type, manhole, reference FWMH2	14037475	Comment / 0
0.00	WL	Water level 5% height/diameter	14037477	Comment / 0
0.00	REM	SURVEY IN REVERSE	14037505	Comment / 0

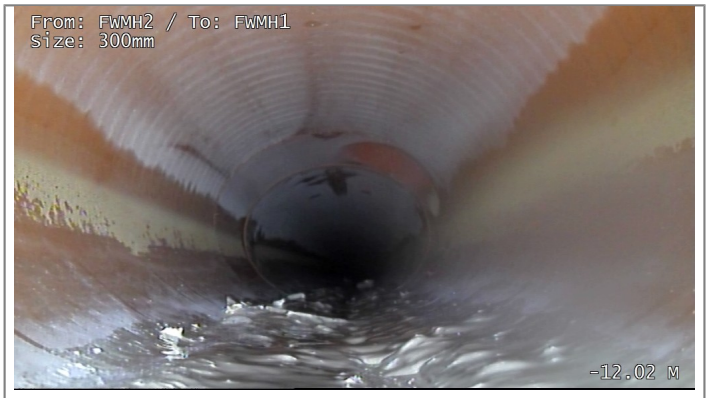


End Node Ref:FWMH1 | I/L : metres | Depth: 1 metres

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



Settled deposits fine 5% cross-sectional area loss



SURVEY IN REVERSE

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
Macclesfield
SK10 1LT

CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B1 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**17**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH1**
End Node **B1**
Total length **5.1 metres**

Scale **1:0.27**
Direction **Upstream**

Start Node Ref:FWMH1 | I/L : metres | Depth: 1 metres

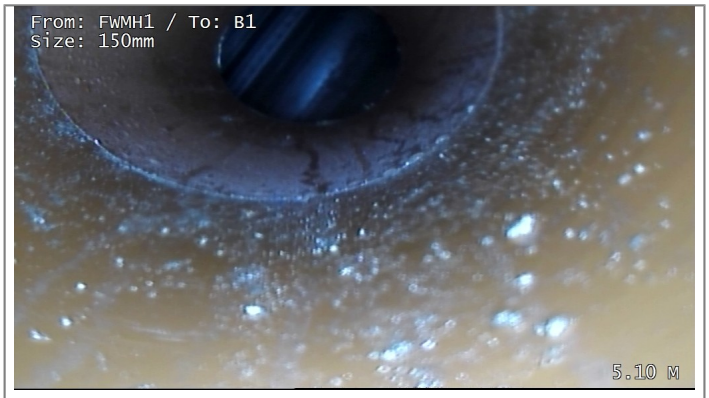
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH1	14037642	Comment / 0
0.00	WL	Water level 5% height/diameter	14037643	Comment / 0
0.55	LR	Line of drain/sewer deviates right	14037645	Comment / 0
5.10	REM	REST BEND AT HOL	14037646	Comment / 0

End Node Ref:B1 | I/L : metres

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



REST BEND AT HOL

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B2 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**18**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

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Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH1**
End Node **B2**
Total length **12.71 metres**

Scale **1:0.67**
Direction **Upstream**

Start Node Ref:FWMH1 | I/L : metres | Depth: 1 metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH1	14037788	Comment / 0
0.00	WL	Water level 5% height/diameter	14037789	Comment / 0
5.95	LL	Line of drain/sewer deviates left	14037790	Comment / 0
9.79	SC	Dimensions of drain/sewer changes to 100mm	14037802	Comment / 0
12.71	ICF	Finish node type, inspection chamber, reference B2	14037824	Comment / 0

End Node Ref:B2 | I/L : metres

CCTV Inspection Report

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B3 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**19**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH1**
End Node **B3**
Total length **9.86 metres**

Scale **1:0.52**
Direction **Upstream**

Start Node Ref:FWMH1 | I/L : metres | Depth: 1 metres

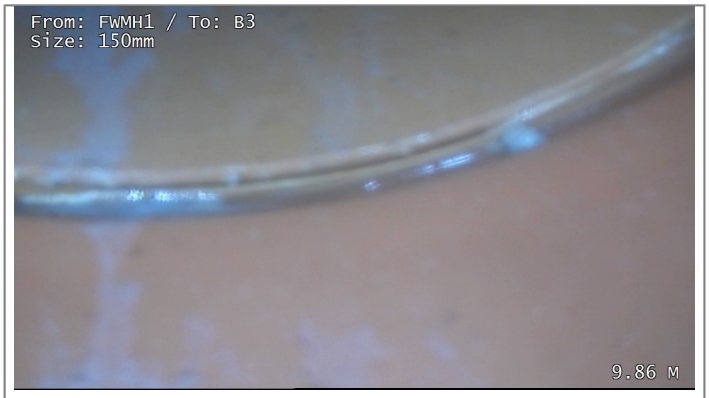
Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH1	14038087	Comment / 0
0.00	WL	Water level 5% height/diameter	14038090	Comment / 0
9.86	REM	REST BEND AT HOL	14038123	Comment / 0

End Node Ref:B3 | I/L : metres

Metro Rod (Manchester)
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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



REST BEND AT HOL

Metro Rod (Manchester)
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CCTV Inspection Report

Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**B4 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**0/0**	**P999FR3C17**	**20**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **150mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH1**
End Node **B4**
Total length **10.43 metres**

Scale **1:0.55**
Direction **Upstream**

Start Node Ref:FWMH1 | I/L : metres | Depth: 1 metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH1	14038133	Comment / 0
0.00	WL	Water level 5% height/diameter	14038136	Comment / 0
10.43	REM	REST BEND AT HOL	14038144	Comment / 0

End Node Ref:B4 | I/L : metres

Metro Rod (Manchester)
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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



REST BEND AT HOL

CCTV Inspection Report

Metro Rod (Manchester)
Unit 11, Fence Avenue Industrial Estate
Macclesfield
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Surveyed by (Operator)	Job Number	Pipe Length Reference(PLR)	Date	Pre Cleaned
PHIL BAKER	**1416972**	**FWMH1 X**	**23/01/2026**	**HPWJ to clean prior to survey**
Weather	Customer Present	Service Grade/Structural Grade	Base Unit	Section Number
1 - Dry		**3/0**	**P999FR3C17**	**21**

Road **325 Deansgate St**
Place **Manchester**
Location **M3 4LQ**

Division
District
Location Details

Purpose
Duty **Foul**
Catchment

Shape/Size **300mm**
Material **Polyvinyl chloride**
Category

Start Node **FWMH1**
End Node **FWMH2**
Total length **17.07 metres**

Scale **1:0.90**
Direction **Downstream**

Start Node Ref:FWMH1 | I/L : metres | Depth: 1 metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference FWMH1	14038158	Comment / 0
0.00	WL	Water level 5% height/diameter	14038160	Comment / 0
0.90	DES	Settled deposits fine 10% cross-sectional area loss	14038189	Service / 3
4.48	JN	Junction at 2 o'clock, diameter 150mm	14038190	Comment / 0
5.76	JN	Junction at 2 o'clock, diameter 150mm	14038191	Comment / 0
17.07	MHF	Finish node type, manhole, reference FWMH2	14038193	Comment / 0

End Node Ref:FWMH2 | I/L : metres | Depth: 1.2 metres

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CCTV Inspection Photos

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**



Settled deposits fine 10% cross-sectional area loss

Metro Rod (Manchester)
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Structural Defects (SRM 4)

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	B1 X	U	S	150	23/01/2026	Polyvinyl chloride	5.57 metres	5.57		0	1	0	0
2	B2 X	U	S	150	23/01/2026	Polyvinyl chloride	7.05 metres	7.05		0	1	0	0
3	B3 X	U	S	150	23/01/2026	Polyvinyl chloride	11.81 metres	11.81		0	1	0	0
4	B4 X	U	S	150	23/01/2026	Polyvinyl chloride	14.17 metres	14.17		0	1	0	0
5	B1 X	U	F	150	23/01/2026	Polyvinyl chloride	3.57 metres	3.57		0	1	0	0
6	SWMH1 X	D	S	225	23/01/2026	Polyvinyl chloride	17.74 metres	17.74		0	1	0	0
7	SWMH2 X	D	S	150	23/01/2026	Polyvinyl chloride	5.07 metres	5.07		0	1	0	0
8	SWMH2 X	D	S	300	23/01/2026	Polyvinyl chloride	11.19 metres	11.19		0	1	0	0
9	FWMH2 X	D	F	300	23/01/2026	Polyvinyl chloride	15.14 metres	15.14		0	1	0	0
10	B1 X	U	F	150	23/01/2026	Polyvinyl chloride	0.21 metres	0.21		0	1	0	0
11	B2 X	U	F	150	23/01/2026	Polyvinyl chloride	2.29 metres	2.29		0	1	0	0
12	B3 X	U	F	150	23/01/2026	Polyvinyl chloride	0.76 metres	0.76		0	1	0	0
13	B4 X	U	F	150	23/01/2026	Polyvinyl chloride	0.38 metres	0.38		0	1	0	0
14	B5 X	U	F	150	23/01/2026	Polyvinyl chloride	0.5 metres	0.5		0	1	0	0
15	POP1 X	D	F	150	23/01/2026	Polyvinyl chloride	4.17 metres	4.17		0	1	0	0
16	FWMH2 X	D	F	300	23/01/2026	Polyvinyl chloride	0 metres	0		0	1	0	0
17	B1 X	U	F	150	23/01/2026	Polyvinyl chloride	5.1 metres	5.1		0	1	0	0
18	B2 X	U	F	150	23/01/2026	Polyvinyl chloride	12.71 metres	12.71		0	1	0	0
19	B3 X	U	F	150	23/01/2026	Polyvinyl chloride	9.86 metres	9.86		0	1	0	0
20	B4 X	U	F	150	23/01/2026	Polyvinyl chloride	10.43 metres	10.43		0	1	0	0
21	FWMH1 X	D	F	300	23/01/2026	Polyvinyl chloride	17.07 metres	17.07		0	1	0	0

Metro Rod (Manchester)
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Service Defects (SRM 4)

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	B1 X	U	S	150	23/01/2026	Polyvinyl chloride	5.57 metres	5.57		0	1	0	0
2	B2 X	U	S	150	23/01/2026	Polyvinyl chloride	7.05 metres	7.05		0	1	0	0
3	B3 X	U	S	150	23/01/2026	Polyvinyl chloride	11.81 metres	11.81		0	1	0	0
4	B4 X	U	S	150	23/01/2026	Polyvinyl chloride	14.17 metres	14.17		0	1	0	0
5	B1 X	U	F	150	23/01/2026	Polyvinyl chloride	3.57 metres	3.57		2	3	0.56	2
6	SWMH1 X	D	S	225	23/01/2026	Polyvinyl chloride	17.74 metres	17.74		0	1	0	0
7	SWMH2 X	D	S	150	23/01/2026	Polyvinyl chloride	5.07 metres	5.07		0	1	0	0
8	SWMH2 X	D	S	300	23/01/2026	Polyvinyl chloride	11.19 metres	11.19		0	1	0	0
9	FWMH2 X	D	F	300	23/01/2026	Polyvinyl chloride	15.14 metres	15.14		0	1	0	0
10	B1 X	U	F	150	23/01/2026	Polyvinyl chloride	0.21 metres	0.21		2	3	9.52	2
11	B2 X	U	F	150	23/01/2026	Polyvinyl chloride	2.29 metres	2.29		0	1	0	0
12	B3 X	U	F	150	23/01/2026	Polyvinyl chloride	0.76 metres	0.76		0	1	0	0
13	B4 X	U	F	150	23/01/2026	Polyvinyl chloride	0.38 metres	0.38		0	1	0	0
14	B5 X	U	F	150	23/01/2026	Polyvinyl chloride	0.5 metres	0.5		0	1	0	0
15	POP1 X	D	F	150	23/01/2026	Polyvinyl chloride	4.17 metres	4.17		2	3	0.48	2
16	FWMH2 X	D	F	300	23/01/2026	Polyvinyl chloride	0 metres	0		1	2	1.00	1
17	B1 X	U	F	150	23/01/2026	Polyvinyl chloride	5.1 metres	5.1		0	1	0	0
18	B2 X	U	F	150	23/01/2026	Polyvinyl chloride	12.71 metres	12.71		0	1	0	0
19	B3 X	U	F	150	23/01/2026	Polyvinyl chloride	9.86 metres	9.86		0	1	0	0
20	B4 X	U	F	150	23/01/2026	Polyvinyl chloride	10.43 metres	10.43		0	1	0	0
21	FWMH1 X	D	F	300	23/01/2026	Polyvinyl chloride	17.07 metres	17.07		2	3	0.12	2

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Lead Sheet

Job Number	Surveyed by (Operator)	Base Unit	Date
1416972	**PHIL BAKER**	**P999FR3C17**	**23/01/2026**

Lead Information

Engineer: **PHIL BAKER**

Client Name: **Assured CMS, ,**

Address: **325 Deansgate St**
Manchester
M3 4LQ

Log Date:

Invoice Number:

Problem:
Survey of new drainage

Site Plan



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Other Details