



SDS Ltd
DRAINAGE SPECIALIST

CCTV Inspection Report

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Bennett Street, Ardwick

01/05/2025

Job Number: Kellen Homes, Bennett Street, 01.05.25

Sewer Drainage Specialist Ltd

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



Project Information

Job Number Kellen Homes, Bennett Street, 01.05.25	Surveyed by (Operator) Aden	Base Unit 45J5KGGBCM	Date 01/05/2025
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Client Details:

Kellen Homes
1st Floor, 103 Dalton Avenue, Birchwood Park,
Warrington WA3 6YE

Site Details:

Bennett Street, Ardwick

Contractor Details:

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

Office Contact Number: 07799 803317

Purpose of Survey:



Job Number Kellen Homes, Bennett Street, 01.05.25	Surveyed by (Operator) Aden	Base Unit 45J5KGGBCM	Date 01/05/2025
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Other Site Photos: SW3 - All CCTV works carried out from this MH.

Report Summary

Job Number Kellen Homes, Bennett Street, 01.05.25	Surveyed by (Operator) Aden	Base Unit 45J5KGGBCM	Date 01/05/2025
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Job Information

Total Distance Surveyed: **289.01 meters**
Engineer: **Aden**
Number of Surveys: **4**
Number of Surveys grade 4 or above: **2**

Section 1 Overview (01/05/2025)

Manholes: **SW3 to SCWC**
Pipe Length: **39.01 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Brick**
Pipe Size: **1700mm**
Use: **Surface water**

Section 2 Overview (01/05/2025)

Manholes: **SCWC to S107**
Pipe Length: **13.08 metres**
Structural Grade: **4**
Service Grade: **0**
Material: **Brick**
Pipe Size: **1700mm**
Use: **Surface water**

Section 3 Overview (01/05/2025)

Manholes: **S107 to SW1**
Pipe Length: **47.98 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Brick**
Pipe Size: **1700mm**
Use: **Surface water**

Section 4 Overview (01/05/2025)

Manholes: **SW3 to SITE
BOUNDARY**
Pipe Length: **188.94 metres**
Structural Grade: **4**
Service Grade: **0**
Material: **Brick**
Pipe Size: **1700mm**
Use: **Surface water**

CCTV Inspection Report

Surveyed by (Operator) Aden	Job Number Kellen Homes, Bennett Street, 01.05.25	Pipe Length Reference(PLR) SW3 X	Date 01/05/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 45J5KGGBCM	Section Number 1
Road Bennett Street, Ardwick Place Location		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 1700mm Material Brick Category		Start Node SW3 End Node SCWC Total length 39.01 metres	
Scale 1:2.05 Direction Downstream		View via iTouch Live Download		

Start Node Ref:SW3 | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, manhole, reference SW3	12105053	Comment / 0
0.00	WL	Water level 10% height/diameter	12105054	Comment / 0
5.11	CN	Connection other than junction at 9 o'clock, diameter 150mm	12105056	Comment / 0
7.88	CN	Connection other than junction at 5 o'clock, diameter 150mm	12105058	Comment / 0
9.96	CNC	Connection other than junction, closed, at 10 o'clock, diameter 225mm	12105059	Comment / 0
36.39	CN	Connection other than junction at 2 o'clock, diameter 150mm	12105060	Comment / 0
39.01	MHF	Finish node type, manhole, reference SCWC	12105061	Comment / 0

End Node Ref:SCWC | I/L : metres



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CCTV Inspection Photos

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Job Number
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01.05.25**

Surveyed by (Operator)
Aden

Base Unit
45J5KGGBCM

Date
01/05/2025



Start node type, manhole, reference SW3



Water level 10% height/diameter



Connection other than junction at 9 o'clock, diameter 150mm



Connection other than junction at 5 o'clock, diameter 150mm



Connection other than junction, closed, at 10 o'clock, diameter 225mm



Connection other than junction at 2 o'clock, diameter 150mm



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Date
01/05/2025

From: SW3 / To: SCWC
Size: 1700mm



Finish node type, manhole, reference SCWC

Surveyed by (Operator) Aden	Job Number Kellen Homes, Bennett Street, 01.05.25	Pipe Length Reference(PLR) SCWC X	Date 01/05/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/4	Base Unit 45J5KGGBCM	Section Number 2
Road Bennett Street, Ardwick Place Location		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 1700mm Material Brick Category		Start Node SCWC End Node S107 Total length 13.08 metres	
Scale 1:0.69 Direction Downstream		View via iTouch Live Download		

Start Node Ref:SCWC I/L : metres					Photo	Type/Grade
Position	Code	Description				
0.00	MH	Start node type, manhole, reference SCWC			12105063	Comment / 0
0.00	WL	Water level 10% height/diameter			12105065	Comment / 0
0.34	JN	Junction at 4 o'clock, diameter 150mm			12105071	Comment / 0
 A vertical brown pipe is shown. At the top is a brown circle representing a manhole. Three horizontal lines branch off to the left from the pipe at the top, corresponding to the first three rows of the table. Further down, a horizontal line branches off to the left at a position of 1.76. At a position of 5.00, a horizontal line branches off to the left, and a blue arrow points downwards from this point. At the bottom of the pipe is another brown circle representing a manhole, with a horizontal line branching off to the left at a position of 13.08.						
1.76	CN	Connection other than junction at 8 o'clock, diameter 225mm			12105076	Comment / 0
5.00	CXI	Connection intruding at 9 o'clock, diameter 150mm, intrusion 5%			12105083	Structural / 4
13.08	MHF	Finish node type, manhole, reference S107			12105232	Comment / 0
End Node Ref:S107 I/L : metres						



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CCTV Inspection Photos

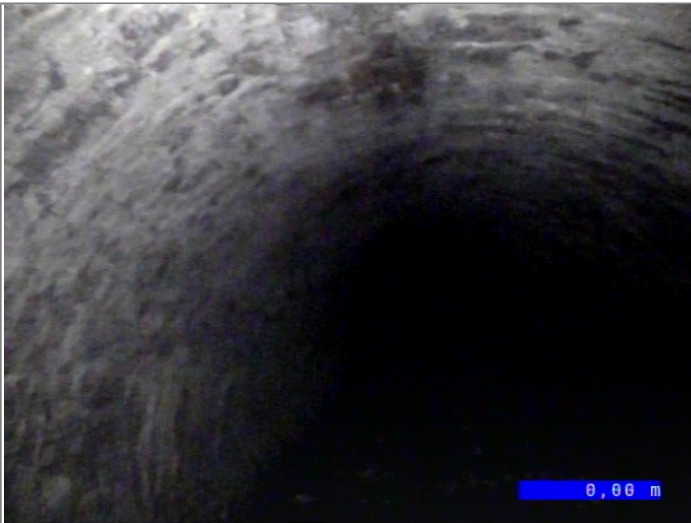
Sewer Drainage Specialist Ltd
112 Urmston Lane
Stretford
Greater Manchester
M32 9BQ

Job Number
Kellen Homes, Bennett Street,
01.05.25

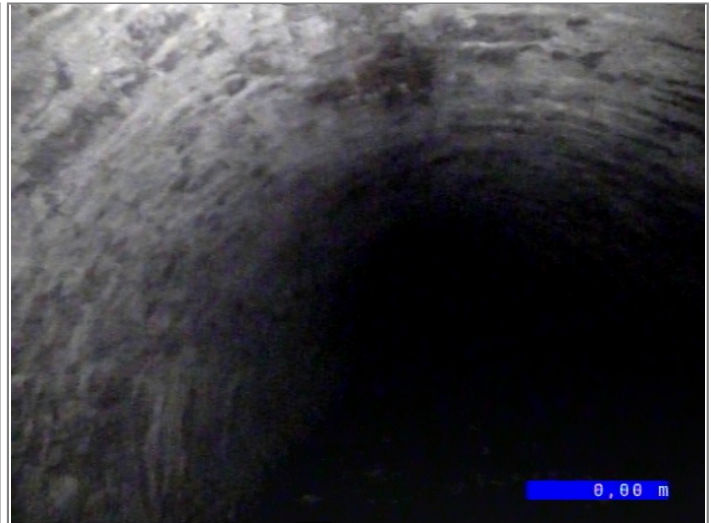
Surveyed by (Operator)
Aden

Base Unit
45J5KGGBCM

Date
01/05/2025



Start node type, manhole, reference SCWC



Water level 10% height/diameter



Junction at 4 o'clock, diameter 150mm



Connection other than junction at 8 o'clock, diameter 225mm

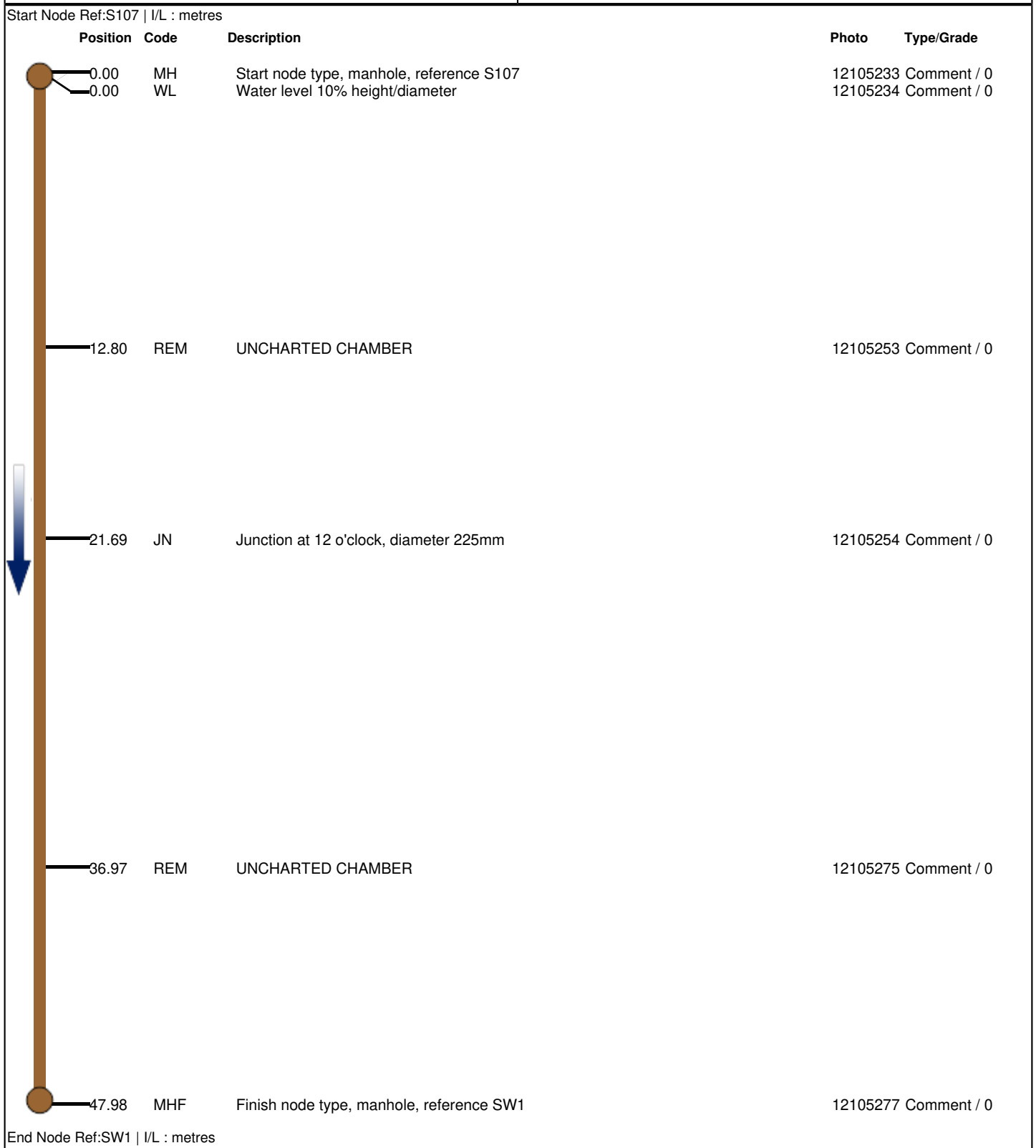


Connection intruding at 9 o'clock, diameter 150mm, intrusion 5%



Finish node type, manhole, reference S107

Surveyed by (Operator) Aden	Job Number Kellen Homes, Bennett Street, 01.05.25	Pipe Length Reference(PLR) S107 X	Date 01/05/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 45J5KGGBCM	Section Number 3
Road Bennett Street, Ardwick Place Location		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 1700mm Material Brick Category		Start Node S107 End Node SW1 Total length 47.98 metres	
Scale 1:2.52 Direction Downstream		View via iTouch Live Download		



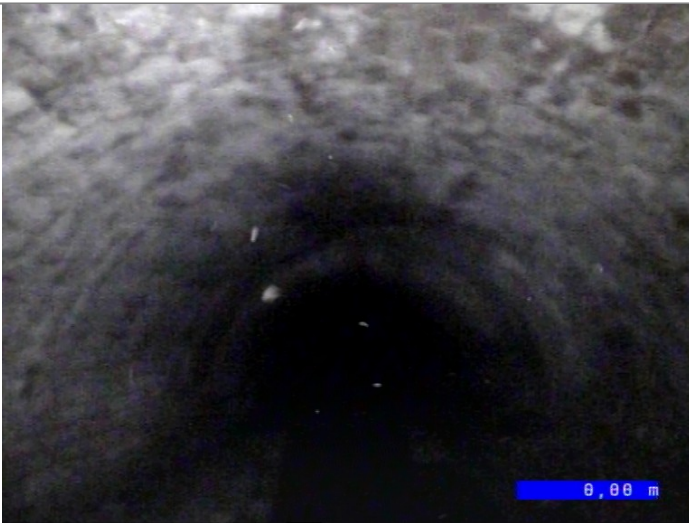


Job Number
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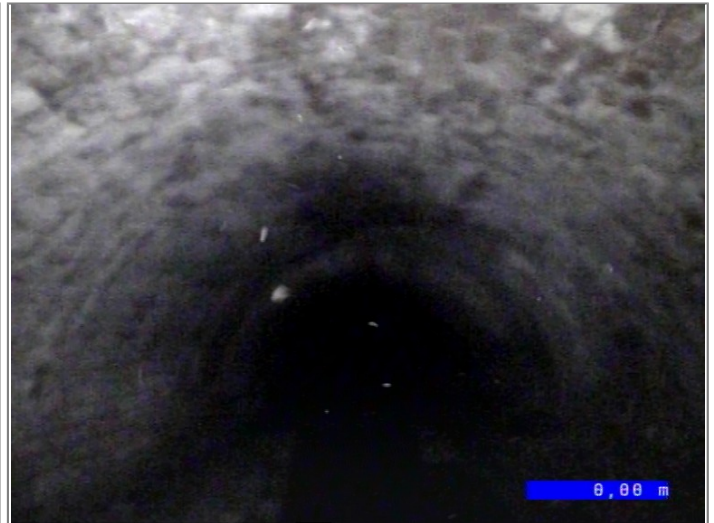
Surveyed by (Operator)
Aden

Base Unit
45J5KGGBCM

Date
01/05/2025



Start node type, manhole, reference S107



Water level 10% height/diameter



UNCHARTED CHAMBER



Junction at 12 o'clock, diameter 225mm



UNCHARTED CHAMBER



Finish node type, manhole, reference SW1



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Surveyed by (Operator) Aden	Job Number Kellen Homes, Bennett Street, 01.05.25	Pipe Length Reference(PLR) SITE BOUNDX	Date 01/05/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/4	Base Unit 45J5KGGBCM	Section Number 4
Road Bennett Street, Ardwick Place Location		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 1700mm Material Brick Category		Start Node SW3 End Node SITE BOUNDARY Total length 188.94 metres	
Scale 1:9.92 Direction Upstream		View via iTouch Live Download		

Start Node Ref:SW3 I/L : metres				Photo	Type/Grade
Position	Code	Description			
0.00	MH	Start node type, manhole, reference SW3		12105339	Comment / 0
0.00	WL	Water level 10% height/diameter		12105340	Comment / 0
23.92	CN	Connection other than junction at 9 o'clock, diameter 150mm		12105355	Comment / 0
25.81	CNC	Connection other than junction, closed, at 2 o'clock, diameter 225mm		12105358	Comment / 0
26.38	CN	Connection other than junction at 12 o'clock, diameter 150mm		12105369	Comment / 0
55.13	CN	Connection other than junction at 8 o'clock, diameter 150mm		12105373	Comment / 0
56.98	CN	Connection other than junction at 3 o'clock, diameter 225mm		12105390	Comment / 0
61.45	CN	Connection other than junction at 3 o'clock, diameter 150mm		12105391	Comment / 0
69.73	JN	Junction at 4 o'clock, diameter 150mm		12105406	Comment / 0
70.48	CN	Connection other than junction at 2 o'clock, diameter 150mm		12105408	Comment / 0
78.38	REM	UNCHARTED CHAMBER		12105499	Comment / 0
87.43	JN	Junction at 8 o'clock, diameter 150mm		12105508	Comment / 0
100.10	JNC	Junction, closed at 9 o'clock, diameter 225mm		12105510	Comment / 0
108.94	CN	Connection other than junction at 8 o'clock, diameter 150mm		12105524	Comment / 0
117.06	CXI	Connection intruding at 9 o'clock, diameter 225mm, intrusion 10%		12105535	Structural / 4
119.40	JN	Junction at 9 o'clock, diameter 450mm		12105536	Comment / 0
123.24	MHF	Finish node type, manhole, reference SITE BOUNDARY		12105543	Comment / 0



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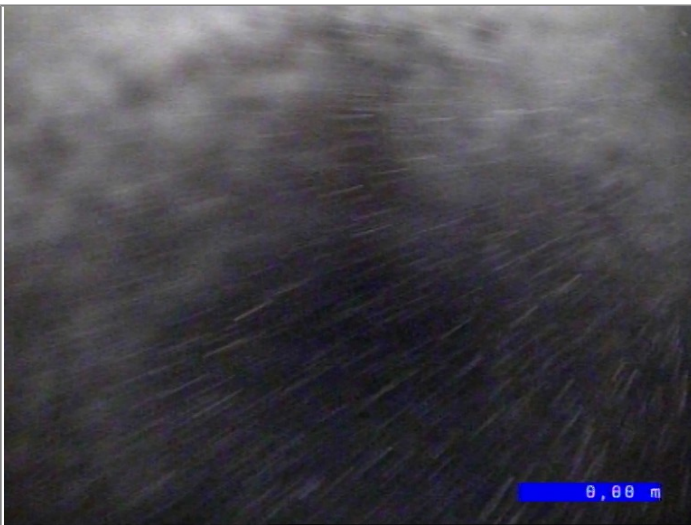
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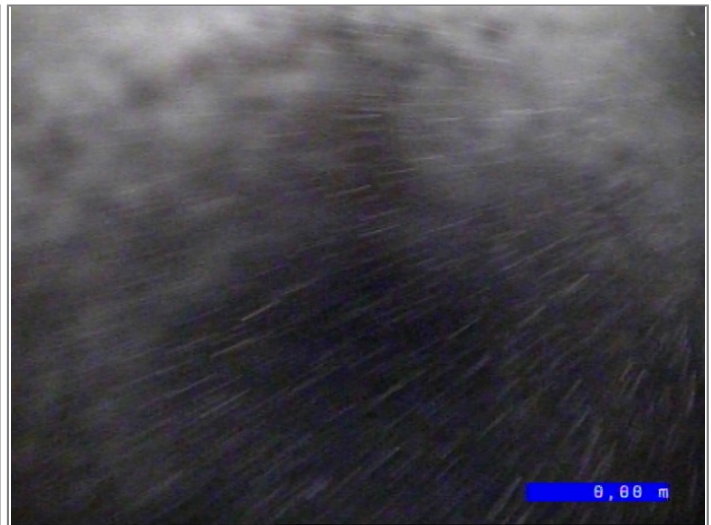
Surveyed by (Operator)
Aden

Base Unit
45J5KGGBCM

Date
01/05/2025



Start node type, manhole, reference SW3



Water level 10% height/diameter



Connection other than junction at 9 o'clock, diameter 150mm



Connection other than junction, closed, at 2 o'clock, diameter 225mm



Connection other than junction at 12 o'clock, diameter 150mm



Connection other than junction at 8 o'clock, diameter 150mm



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Date
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From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Connection other than junction at 3 o'clock, diameter 225mm

From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Connection other than junction at 3 o'clock, diameter 150mm

From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Junction at 4 o'clock, diameter 150mm

From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Connection other than junction at 2 o'clock, diameter 150mm

From: SW3 / To: SITE BOUNDARY
Size: 1700mm



UNCHARTED CHAMBER

From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Junction at 8 o'clock, diameter 150mm



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From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Junction, closed at 9 o'clock, diameter 225mm

From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Connection other than junction at 8 o'clock, diameter 150mm

From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Connection intruding at 9 o'clock, diameter 225mm, intrusion 10%

From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Junction at 9 o'clock, diameter 450mm

From: SW3 / To: SITE BOUNDARY
Size: 1700mm



Finish node type, manhole, reference SITE BOUNDARY



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Structural Defects (SRM 4)

Sewer Drainage Specialist Ltd
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M32 9BQ

Job Number Kellen Homes, Bennett Street, 01.05.25				Surveyed by (Operator) Aden			Base Unit 45J5KGGBCM			Date 01/05/2025			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	SW3 X	D	S	1700	01/05/2025	Brick	39.01 metres	39.01		0	1	0	0
2	SCWC X	D	S	1700	01/05/2025	Brick	13.08 metres	13.08		80	4	6.12	80
3	S107 X	D	S	1700	01/05/2025	Brick	47.98 metres	47.98		0	1	0	0
4	SITE BOUNDX	U	S	1700	01/05/2025	Brick	188.94 metres	123.24		80	4	0.65	80



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Service Defects (SRM 4)

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

Job Number Kellen Homes, Bennett Street, 01.05.25				Surveyed by (Operator) Aden			Base Unit 45J5KGGBCM			Date 01/05/2025			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	SW3 X	D	S	1700	01/05/2025	Brick	39.01 metres	39.01		0	1	0	0
2	SCWC X	D	S	1700	01/05/2025	Brick	13.08 metres	13.08		0	1	0	0
3	S107 X	D	S	1700	01/05/2025	Brick	47.98 metres	47.98		0	1	0	0
4	SITE BOUNDX	U	S	1700	01/05/2025	Brick	188.94 metres	123.24		0	1	0	0



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Base Unit
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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.**