



SDS Ltd
DRAINAGE SPECIALIST

CCTV Inspection Report

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Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL

19/12/2024

**Job Number: Site A Stand Golf Club, Ashbourne Grove, Whitefield,
Manchester M45 7NL**

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 Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Surveyed by (Operator) Aden	Base Unit 2JYX7NX9SK	Date 19/12/2024
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Client Details:

WML Consulting
Third Floor South | Metropolitan House | Station Road |
Cheadle Hulme | Cheshire | SK8 7AZ

Site Details:

Stand Golf Club, Ashbourne Grove, Whitefield,
Manchester M45 7NL

Contractor Details:

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

Office Contact Number: 07799 803317

Purpose of Survey:

 SDS Ltd DRAINAGE SPECIALIST		Contents Page		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





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Manhole / Access Point: MH04 Internal



Manhole / Access Point: MH04 Location



Manhole / Access Point: MH03 Location



Manhole / Access Point: MH03 Internal



Manhole / Access Point: MH02 Internal



Manhole / Access Point: MH02 Location



Site Photos

Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Surveyed by (Operator) Aden	Base Unit 2JYX7NX9SK	Date 19/12/2024
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Manhole / Access Point: MH01 Internal



Manhole / Access Point: MH01 Location



**Other Site Photos: MH02 DS MH03 - DYE TEST PROVEN FOR
CONNECTIVITY**

Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Surveyed by (Operator) Aden	Base Unit 2JYX7NX9SK	Date 19/12/2024
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Job Information

Total Distance Surveyed: **36.47 metres**
Engineer: **Aden**
Number of Surveys: **4**
Number of Surveys grade 4 or above: **1**

Section 1 Overview (19/12/2024)

Manholes: **MH01 to MH02**
Pipe Length: **7 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **225mm**
Use: **Culverted watercourse**

Section 2 Overview (19/12/2024)

Manholes: **MH02 to MH03**
Pipe Length: **15.52 metres**
Structural Grade: **0**
Service Grade: **4**
Material: **Vitrified clay**
Pipe Size: **375mm**
Use: **Culverted watercourse**

Section 3 Overview (19/12/2024)

Manholes: **MH01 to MH04**
Pipe Length: **4.50 metres**
Structural Grade: **5**
Service Grade: **4**
Material: **Vitrified clay**
Pipe Size: **225mm**
Use: **Culverted watercourse**

Section 4 Overview (19/12/2024)

Manholes: **MH04 to MH01**
Pipe Length: **9.45 metres**
Structural Grade: **0**
Service Grade: **5**
Material: **Vitrified clay**
Pipe Size: **225mm**
Use: **Culverted watercourse**



CCTV Inspection Report

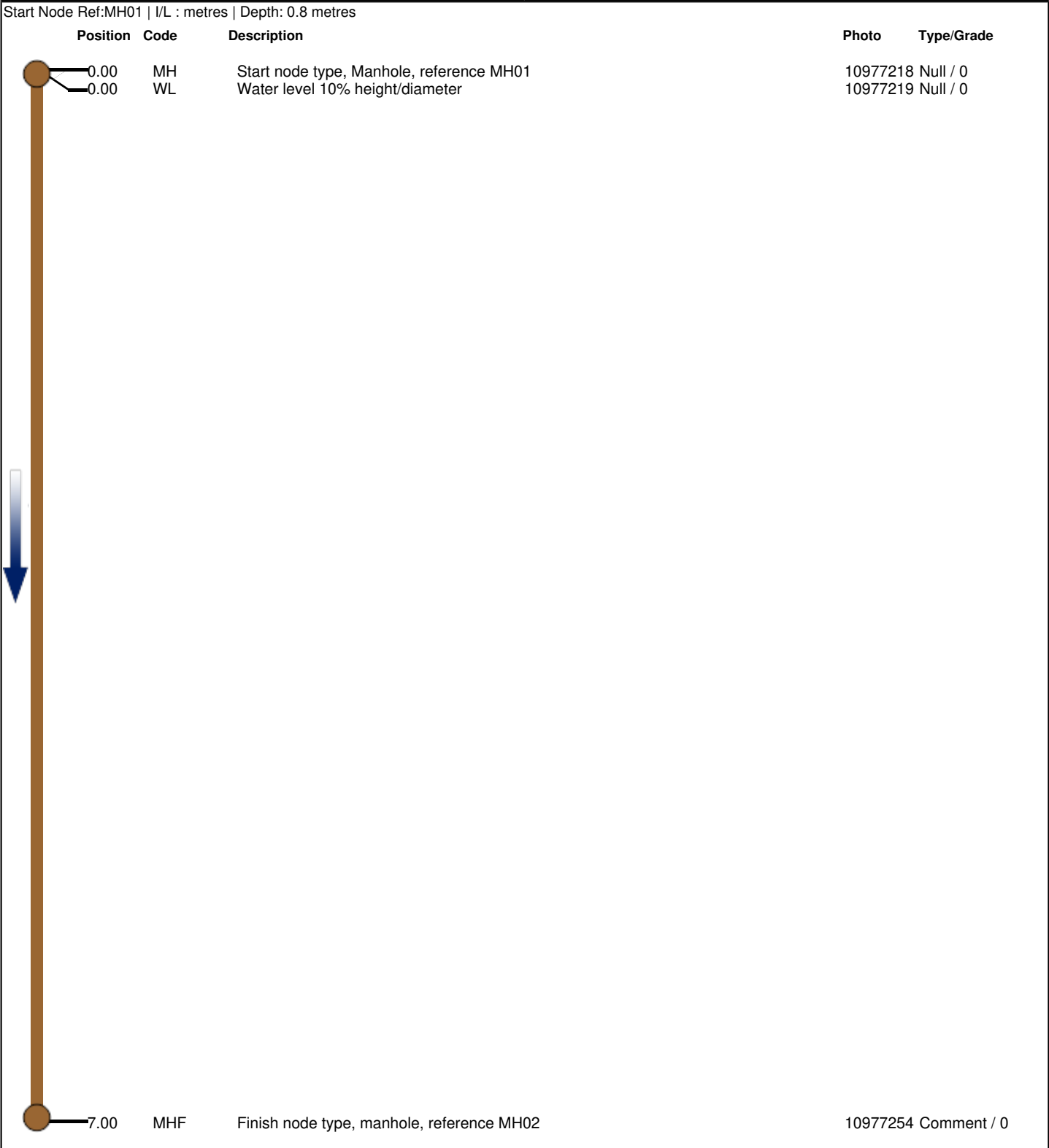
Sewer Drainage Specialist Ltd
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Surveyed by (Operator) Aden	Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Pipe Length Reference(PLR) MH01	Date 19/12/2024	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 2JYX7NX9SK	Section Number 1

Road Place Location Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Division District Location Details Golf course
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Purpose Duty Catchment Culverted watercourse	Shape/Size Material Category 225mm Vitrified clay U	Start Node End Node Total length MH01 MH02 7 metres
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Scale 1:0.37 Direction Downstream	View via iTouch Live 	Download 
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End Node Ref:MH02 | I/L : metres | Depth: 1.93 metres



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Start node type, Manhole, reference MH01



Water level 10% height/diameter



Finish node type, manhole, reference MH02

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Surveyed by (Operator) Aden	Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Pipe Length Reference(PLR) MH02 X	Date 19/12/2024	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 4/0	Base Unit 2JYX7NX9SK	Section Number 2

Road Place Location	Division District Location Details
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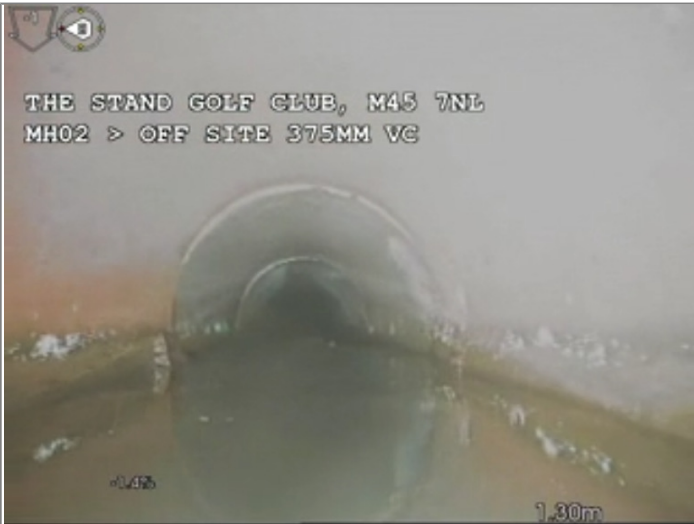
Purpose Duty Catchment	Shape/Size Material Category	Start Node End Node Total length
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Scale Direction	View via iTouch Live	Download
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Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH02	10977262	Null / 0
0.00	WL	Water level 20% height/diameter	10977263	Null / 0
1.30	DER (S1)	Settled deposits coarse 15% cross-sectional area loss, Start - Remark: Debris under water level	10977276	Service / 3
3.14	DER (S2)	Settled deposits coarse 20% cross-sectional area loss, Start	10977284	Service / 3
3.14	DER (F1)	Settled deposits coarse 15% cross-sectional area loss, Finished - Remark: Debris under water level	10977286	Service / 3
15.44	DER	Settled deposits coarse 30% cross-sectional area loss	10977902	Service / 4
15.52	DER (F2)	Settled deposits coarse 20% cross-sectional area loss, Finished	10977909	Service / 3
15.52	SA	Survey abandoned - Remark: SA DUE TO 30% SILT / DEBRIS, UNABLE TO PASS. MH03 IN VIEW APPROX 5M FROM CCTV.	10977931	Comment / 0

End Node Ref:MH03 I/L : metres Depth: 5.33 metres



Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Surveyed by (Operator) Aden	Base Unit 2JYX7NX9SK	Date 19/12/2024
			
Start node type, Manhole, reference MH02			
			
Water level 20% height/diameter			
			
Settled deposits coarse 15% cross-sectional area loss, Start - Remark: Debris under water level			
			
Settled deposits coarse 20% cross-sectional area loss, Start			
			
Settled deposits coarse 15% cross-sectional area loss, Finished - Remark: Debris under water level			
			
Settled deposits coarse 30% cross-sectional area loss			



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Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Surveyed by (Operator) Aden	Base Unit 2JYX7NX9SK	Date 19/12/2024
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Settled deposits coarse 20% cross-sectional area loss, Finished



Survey abandoned - Remark: SA DUE TO 30% SILT / DEBRIS, UNABLE TO PASS. MH03 IN VIEW APPROX 5M FROM CCTV.



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Surveyed by (Operator) Aden	Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Pipe Length Reference(PLR) MH04	Date 19/12/2024	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 4/5	Base Unit 2JYX7NX9SK	Section Number 3

Road Place Location Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Division District Location Details Golf Course
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Purpose Duty Culverted watercourse Catchment	Shape/Size 225mm Material Vitrified clay Category U	Start Node MH01 End Node MH04 Total length 4.50 metres
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Scale 1:0.24 Direction Upstream	View via iTouch Live  Download 
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Start Node Ref:MH01 | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH01	10977966	Null / 0
0.00	WL	Water level 20% height/diameter	10977967	Null / 0
0.00	DEE (S1)	Attached deposits, encrustation from 04 to 08 o'clock 25% cross-sectional area loss, Start	10977975	Service / 4
0.62	JDM	Joint displaced medium	10977985	Structural / 1
1.96	JN	Junction at 03 o'clock, diameter 100mm	10977989	Comment / 0
3.55	DEE (F1)	Attached deposits, encrustation from 04 to 08 o'clock 25% cross-sectional area loss, Finished	10978090	Service / 4
4.50	OJL	Open joint large	10978100	Structural / 1
4.50	JDL	Joint displaced large	10978105	Structural / 1
5.27	IRJ	Infiltration running at 12 o'clock at joint	10978111	Service / 4
5.27	JN	Junction at 09 o'clock, diameter 100mm	10978116	Comment / 0
5.27	XP	Collapsed drain/sewer 95% - Remark: PLEASE NOTE COLLAPSED DRIAN IS APPROX 3-5M FROM CCTV	10978125	Structural / 5
5.27	SA	Survey abandoned - Remark: SA DUE TO COLLAPSED DRAIN.	10978126	Comment / 0

End Node Ref:MH04 | I/L : metres



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Start node type, Manhole, reference MH01



Water level 20% height/diameter



Attached deposits, encrustation from 04 to 08 o'clock 25% cross-sectional area loss, Start



Joint displaced medium



Junction at 03 o'clock, diameter 100mm



Attached deposits, encrustation from 04 to 08 o'clock 25% cross-sectional area loss, Finished



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Base Unit
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Date
19/12/2024



Open joint large



Joint displaced large



Infiltration running at 12 o'clock at joint



Junction at 09 o'clock, diameter 100mm



Collapsed drain/sewer 95% - Remark: PLEASE NOTE COLLAPSED DRAIN IS APPROX 3-5M FROM CCTV



Survey abandoned - Remark: SA DUE TO COLLAPSED DRAIN.

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Surveyed by (Operator) Aden	Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Pipe Length Reference(PLR) MH04 X	Date 19/12/2024	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 5/0	Base Unit 2JYX7NX9SK	Section Number 4
Road Place Location Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL		Division District Location Details Golf Course		
Purpose Duty Catchment Culverted watercourse		Shape/Size Material Category 225mm Vitrified clay U	Start Node End Node Total length MH04 MH01 9.45 metres	
Scale 1:0.50 Direction Downstream		View via iTouch Live Download		

Start Node Ref:MH04 | I/L : metres | Depth: 0.85 metres

Position	Code	Description	Photo	Type/Grade
0.00	MH	Start node type, Manhole, reference MH04	10978152	Null / 0
0.00	WL	Water level 5% height/diameter	10978153	Null / 0
0.11	JN	Junction at 03 o'clock, diameter 100mm	10978156	Comment / 0
1.18	JN	Junction at 12 o'clock, diameter 100mm	10978162	Comment / 0
2.26	JN	Junction at 12 o'clock, diameter 100mm	10978170	Comment / 0
2.81	RMJ	Roots mass 15% cross-sectional area loss at joint	10978173	Service / 3
2.84	JN	Junction at 09 o'clock, diameter 100mm	10978184	Comment / 0
4.62	RM	Roots mass 20% cross-sectional area loss	10978195	Service / 3
5.08	JN	Junction at 12 o'clock, diameter 100mm	10978197	Comment / 0
6.63	JN	Junction at 03 o'clock, diameter 100mm	10978207	Comment / 0
8.51	WL	Water level 40% height/diameter	10978217	Comment / 0
9.45	RM	Roots mass 50% cross-sectional area loss	10978219	Service / 5
9.45	RTJ	Roots tap at joint	10978221	Service / 4
9.45	SA	Survey abandoned - Remark: SA DUE TO ROOTS MASS 50% UNABLE TO PASS	10978228	Comment / 0

End Node Ref:MH01 | I/L : metres | Depth: 0.8 metres



Job Number
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Start node type, Manhole, reference MH04



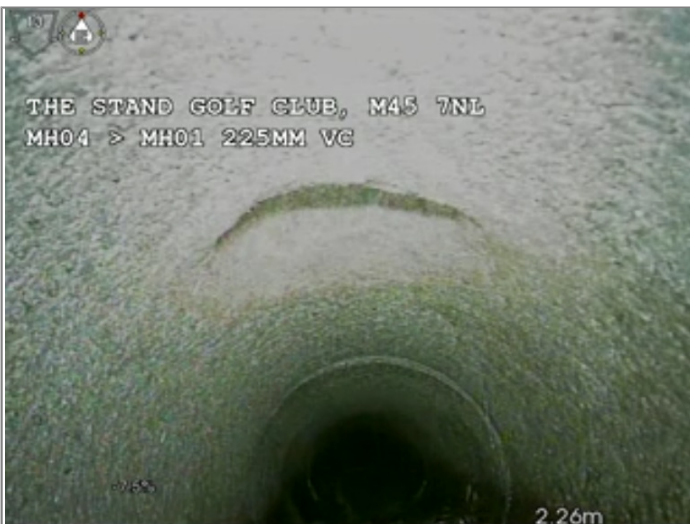
Water level 5% height/diameter



Junction at 03 o'clock, diameter 100mm



Junction at 12 o'clock, diameter 100mm



Junction at 12 o'clock, diameter 100mm



Roots mass 15% cross-sectional area loss at joint



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Junction at 09 o'clock, diameter 100mm



Roots mass 20% cross-sectional area loss



Junction at 12 o'clock, diameter 100mm



Junction at 03 o'clock, diameter 100mm



Water level 40% height/diameter



Roots mass 50% cross-sectional area loss



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Roots tap at joint



Survey abandoned - Remark: SA DUE TO ROOTS MASS 50% UNABLE TO PASS



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Structural Defects (SRM 4)

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Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL				Surveyed by (Operator) Aden			Base Unit 2JYX7NX9SK			Date 19/12/2024			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	MH01	D	X	Circular/225	19/12/2024	Vitrified clay	7 metres	7	U	0	1	0	0
2	MH02 X	D	X	Circular/375	19/12/2024	Vitrified clay	15.52 metres	15.52	U	0	1	0	0
3	MH04	U	X	Circular/225	19/12/2024	Vitrified clay	4.50 metres	5.27	U	165	5	32.26	170
4	MH04 X	D	X	Circular/225	19/12/2024	Vitrified clay	9.45 metres	9.45	U	0	1	0	0



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Service Defects (SRM 4)

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No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	MH01	D	X	Circular/225	19/12/2024	Vitrified clay	7 metres	7	U	0	1	0	0
2	MH02 X	D	X	Circular/375	19/12/2024	Vitrified clay	15.52 metres	15.52	U	5	4	0.84	13
3	MH04	U	X	Circular/225	19/12/2024	Vitrified clay	4.50 metres	5.27	U	5	4	2.85	15
4	MH04 X	D	X	Circular/225	19/12/2024	Vitrified clay	9.45 metres	9.45	U	10	5	2.43	23

Job Number Site A Stand Golf Club, Ashbourne Grove, Whitefield, Manchester M45 7NL	Surveyed by (Operator) Aden	Base Unit 2JYX7NX9SK	Date 19/12/2024
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.			