



Project

Project Name: BENMORE MANCHESTER

Project Date: 23/01/2025

Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)



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BENMORE MANCHESTER		23/01/2025

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Project Information

Project Name BENMORE MANCHESTER	Project Number	Project Date 23/01/2025
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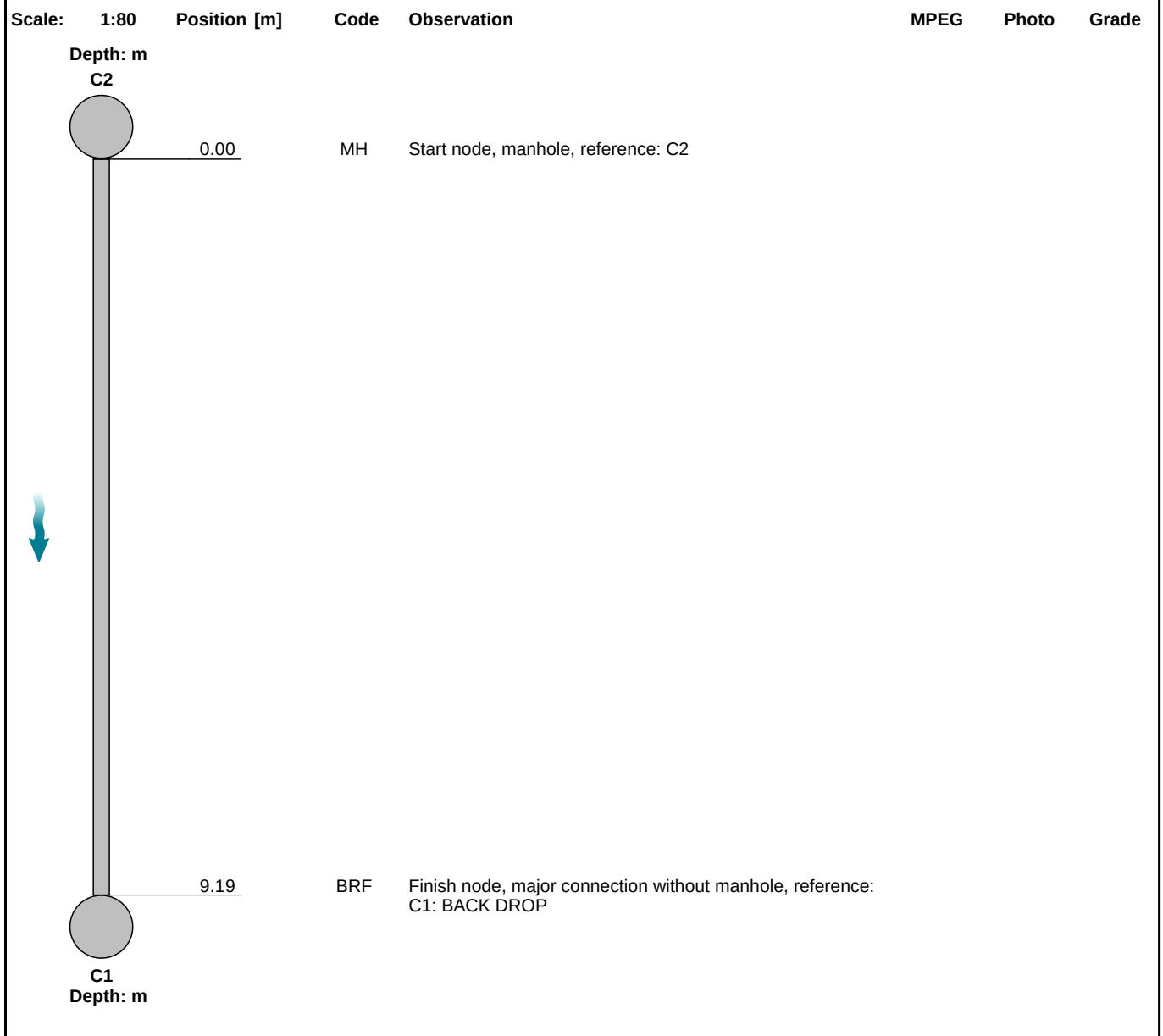
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Section Inspection - 23/01/2025 - C2X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1	23/01/25	13:16	Not Specified	Not Specified	Not Specified	C2X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction: Downstream		Upstream Node: C2	
Road:		Inspected Length: 9.19 m		Upstream Pipe Depth:	
Location:		Total Length: 9.19 m		Downstream Node: C1	
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water			Pipe Shape:	Circular
Type of Pipe:				Dia/Height:	225 mm
Flow Control:				Material:	Vitrified clay
Year Constructed:	Not Specified			Lining Type:	No Lining
Inspection Purpose:				Lining Material:	No Lining
Comments:					
Recommendations:					



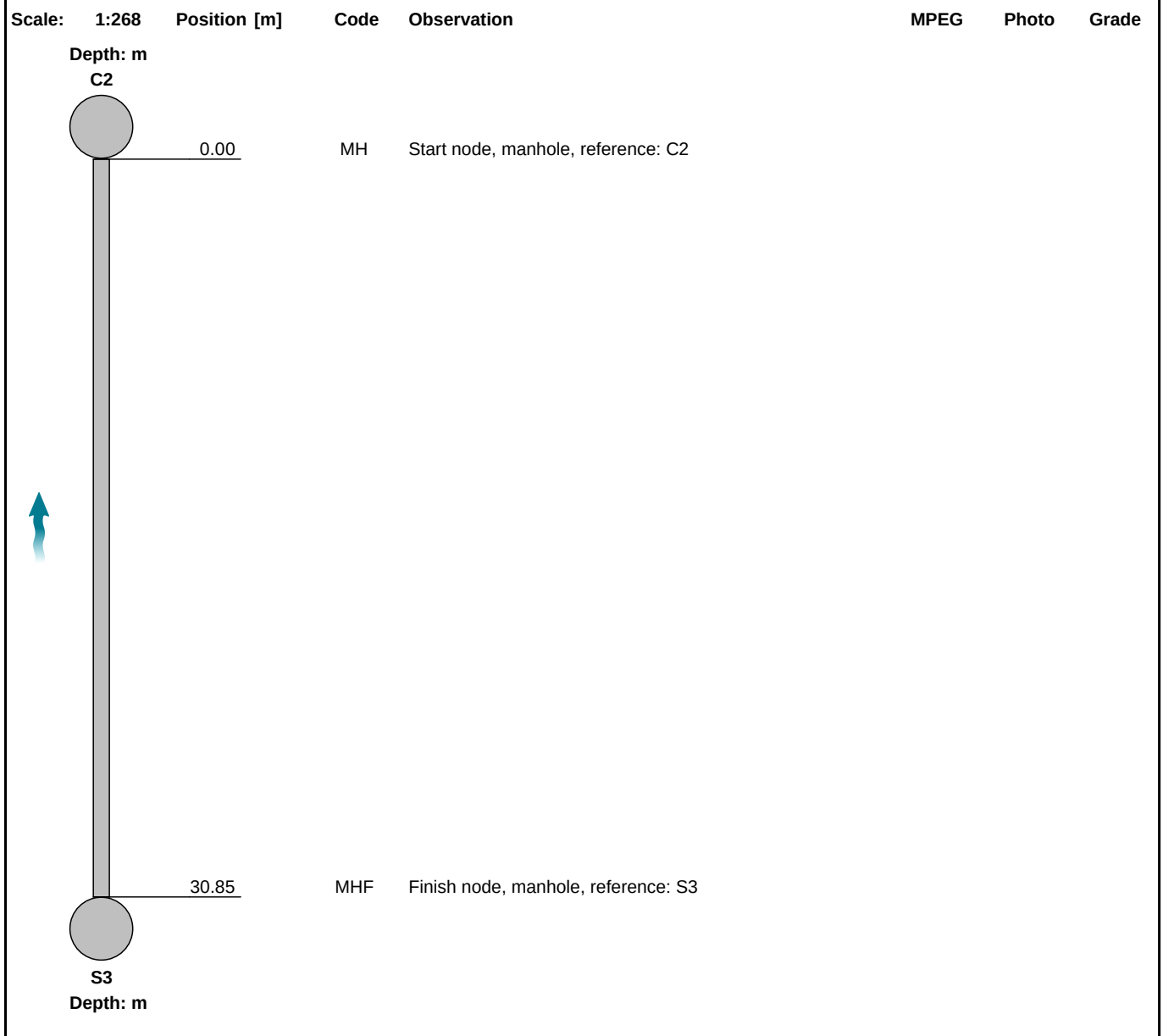
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 23/01/2025 - S3X

Item No. 2	Insp. No. 1	Date 23/01/25	Time 13:20	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR S3X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: S3	
Road:		Inspected Length: 30.85 m		Upstream Pipe Depth:	
Location:		Total Length: 30.85 m		Downstream Node: C2	
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water			Pipe Shape:	Circular
Type of Pipe:				Dia/Height:	225 mm
Flow Control:				Material:	Vitrified clay
Year Constructed:	Not Specified			Lining Type:	No Lining
Inspection Purpose:				Lining Material:	No Lining
Comments:					
Recommendations:					



Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



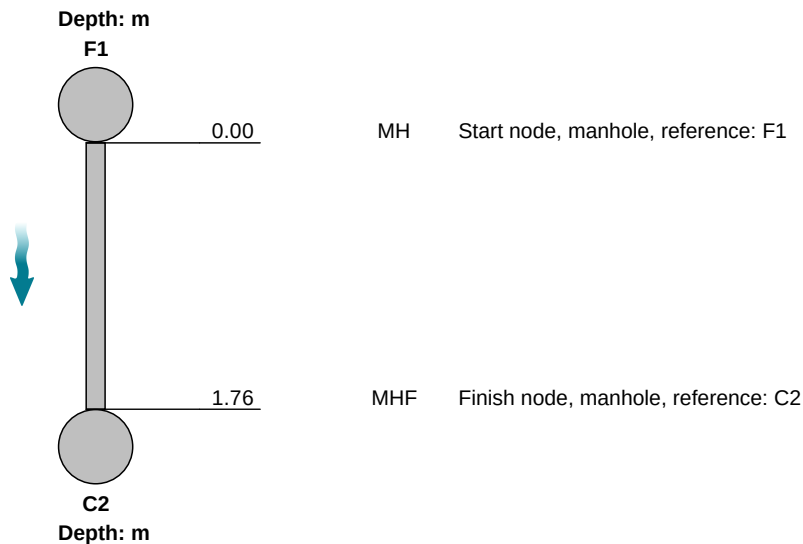
Section Inspection - 23/01/2025 - F1X

Item No. 3	Insp. No. 1	Date 23/01/25	Time 13:23	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR F1X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Downstream		Upstream Node: F1	
Road:		Inspected Length: 1.76 m		Upstream Pipe Depth:	
Location:		Total Length: 1.76 m		Downstream Node: C2	
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use: Foul			Pipe Shape: Circular		
Type of Pipe:			Dia/Height: 150 mm		
Flow Control:			Material: Vitrified clay		
Year Constructed: Not Specified			Lining Type: No Lining		
Inspection Purpose:			Lining Material: No Lining		

Comments:
Recommendations:

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
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Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 23/01/2025 - F2X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
4	1	23/01/25	13:25	Not Specified	Not Specified	Not Specified	F2X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction:	Downstream	Upstream Node:	F2
Road:		Inspected Length:	36.84 m	Upstream Pipe Depth:	
Location:		Total Length:	36.84 m	Downstream Node:	F1
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:319 Position [m] Code Observation MPEG Photo Grade

Depth: m

F2



0.00

MH

Start node, manhole, reference: F2



36.84

MHF

Finish node, manhole, reference: F1



F1

Depth: m

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 23/01/2025 - F3X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
5	1	23/01/25	13:29	Not Specified	Not Specified	Not Specified	F3X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction:	Downstream	Upstream Node:	F3
Road:		Inspected Length:	12.37 m	Upstream Pipe Depth:	
Location:		Total Length:	12.37 m	Downstream Node:	F2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:108 Position [m] Code Observation MPEG Photo Grade

Depth: m

F3



0.00

MH

Start node, manhole, reference: F3



12.37

MHF

Finish node, manhole, reference: F2



F2

Depth: m

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 23/01/2025 - F4X

Item No. 6	Insp. No. 1	Date 23/01/25	Time 13:31	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR F4X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Downstream	Upstream Node: F4
Road:	Inspected Length: 32.67 m	Upstream Pipe Depth:
Location:	Total Length: 32.67 m	Downstream Node: F3
Surface Type:	Joint Length:	Downstream Pipe Depth:
Use: Foul	Pipe Shape: Circular	
Type of Pipe:	Dia/Height: 150 mm	
Flow Control:	Material: Vitrified clay	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose:	Lining Material: No Lining	

Comments:
Recommendations:

Scale: 1:283	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m F4						
	0.00	MH	Start node, manhole, reference: F4			
	19.93	SR	Sealing ring intruding from 12 o'clock to 2 o'clock			1 / 1
	32.67	MHF	Finish node, manhole, reference: F3			
F3 Depth: m						

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	5.0	0.2	5.0	1.0	1	0.0	0.0	0.0	1.0

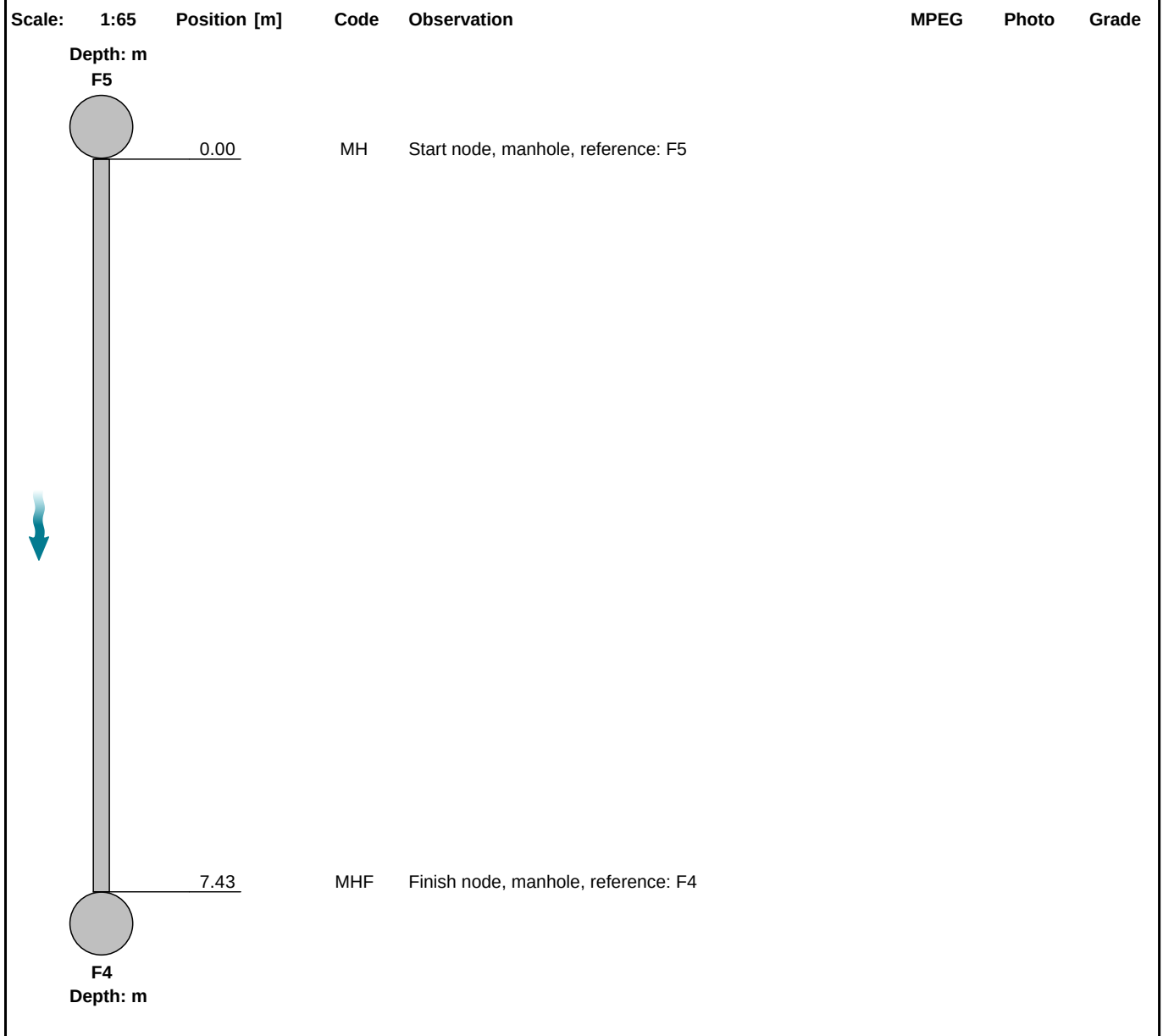


Section Inspection - 23/01/2025 - F5X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
7	1	23/01/25	13:37	Not Specified	Not Specified	Not Specified	F5X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction:	Downstream	Upstream Node:	F5
Road:		Inspected Length:	7.43 m	Upstream Pipe Depth:	
Location:		Total Length:	7.43 m	Downstream Node:	F4
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	150 mm		
Flow Control:		Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:		Lining Material:	No Lining		

Comments:
Recommendations:



Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 23/01/2025 - S4X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
8	1	23/01/25	13:39	Not Specified	Not Specified	Not Specified	S4X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction:	Upstream	Upstream Node:	S4
Road:		Inspected Length:	14.52 m	Upstream Pipe Depth:	
Location:		Total Length:	14.52 m	Downstream Node:	S3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water			Pipe Shape:	Circular
Type of Pipe:				Dia/Height:	225 mm
Flow Control:				Material:	Vitrified clay
Year Constructed:	Not Specified			Lining Type:	No Lining
Inspection Purpose:				Lining Material:	No Lining

Comments:

Recommendations:

Scale: 1:126 Position [m] Code Observation MPEG Photo Grade

Depth: m
S3



0.00

MH

Start node, manhole, reference: S3

13.35

CN

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

14.52

MHF

Finish node, manhole, reference: S4

S4
Depth: m

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
9	1	23/01/25	13:42	Not Specified	Not Specified	Not Specified	S5X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Diagram illustrating a vertical pipe section with two manhole nodes, S5 (top) and S4 (bottom). The pipe is labeled with a scale of 1:58. The depth of the pipe is 6.67 meters. The top node S5 is labeled 'MH' (Manhole) and the bottom node S4 is labeled 'MHF' (Manhole Finish). The observation for S5 is 'Start node, manhole, reference: S5' and for S4 is 'Finish node, manhole, reference: S4'. A blue arrow points downwards next to the pipe.

Scale:	1:58	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m	S5	0.00	MH	Start node, manhole, reference: S5			
6.67							
S4			MHF	Finish node, manhole, reference: S4			
Depth: m							

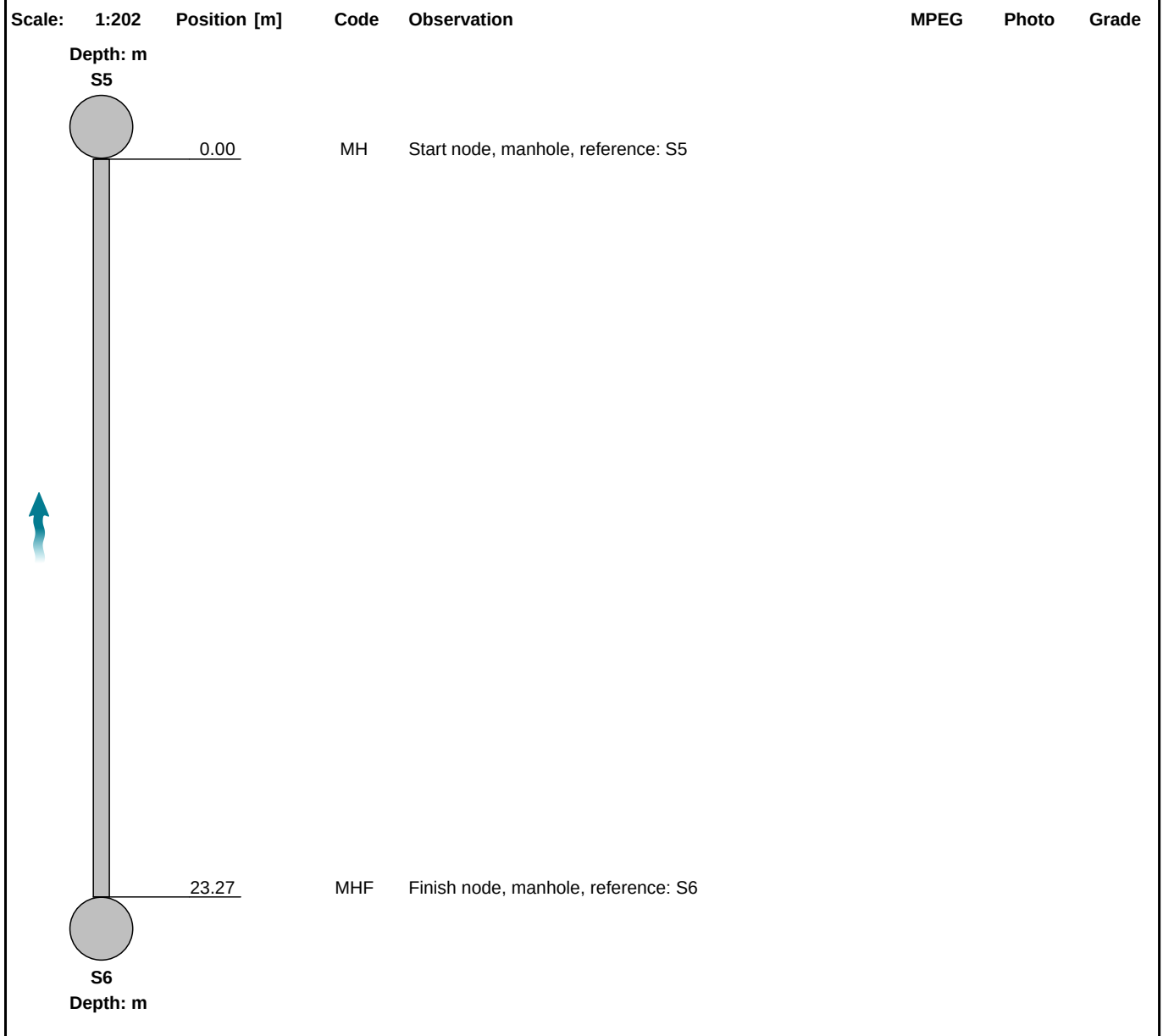
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 23/01/2025 - S6X

Item No. 10	Insp. No. 1	Date 23/01/25	Time 13:44	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR S6X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Upstream	Upstream Node: S6
Road:	Inspected Length: 23.27 m	Upstream Pipe Depth:
Location:	Total Length: 23.27 m	Downstream Node: S5
Surface Type:	Joint Length:	Downstream Pipe Depth:
Use: Surface water	Pipe Shape: Circular	
Type of Pipe:	Dia/Height: 1,200 mm	
Flow Control:	Material: Concrete	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose:	Lining Material: No Lining	
Comments:		
Recommendations:		



Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 23/01/2025 - S7X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
11	1	23/01/25	13:47	Not Specified	Not Specified	Not Specified	S7X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction:	Downstream	Upstream Node:	S7
Road:		Inspected Length:	3.55 m	Upstream Pipe Depth:	
Location:		Total Length:	3.55 m	Downstream Node:	S6
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Surface water			Pipe Shape:	Circular
Type of Pipe:				Dia/Height:	1,200 mm
Flow Control:				Material:	Concrete
Year Constructed:	Not Specified			Lining Type:	No Lining
Inspection Purpose:				Lining Material:	No Lining

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: S7			
		3.55	MHF	Finish node, manhole, reference: S6			

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 23/01/2025 - S8X

Item No. 12	Insp. No. 1	Date 23/01/25	Time 13:49	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned Not Specified	PLR S8X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Inspection Direction: Upstream	Upstream Node: S8
Road:	Inspected Length: 13.63 m	Upstream Pipe Depth:
Location:	Total Length: 13.63 m	Downstream Node: S7
Surface Type:	Joint Length:	Downstream Pipe Depth:
Use: Surface water	Pipe Shape: Circular	
Type of Pipe:	Dia/Height: 225 mm	
Flow Control:	Material: Vitrified clay	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose:	Lining Material: No Lining	

Comments:

Recommendations:

Scale: 1:119 Position [m] Code Observation MPEG Photo Grade

Depth: m
S7



0.00

MH

Start node, manhole, reference: S7

4.02

CN

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

4.55

CN

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

13.63

MHF

Finish node, manhole, reference: S8

S8
Depth: m



Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0