



*Sewer Inspection,
Cleaning and Repair*

Project ref:TV230727

18th July 2023

CCTV Survey Report

CLIENT: ACORN CARE AND EDUCATION LTD

SITE: Pheonix College

40 Christchurch Road

Reading

RG2 7AY

www.insewer.co.uk

Tel : 01634 861 768



Project Information

Project Name
TV230727

Project Number

Project Date
18/07/2023

Client

Company: Acorn Care and Education Ltd
Contact: Chris Goldsmith - Goldsmith Construction Services
Department: Atria
Street: Spa Road
Town or City: Bolton
Post Code: BL1 4AG

Site

Description: Pheonix College
Street: 40 Christchurch Road
Town or City: Reading
Post Code: RG2 7AY

Contractor

Company: InSewer Surveys
Contact: Liam Sellar
Street: 16A Revenge Road
Town or City: Chatham
County: Kent
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Phone: 01634 861 768
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TV230727

Project Number

Project Date
18/07/2023

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Scoring Summary

Project Name
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Structural Defects

Grade 3: Best practice suggests consideration should be given to repairs in the medium term.

Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.

Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Section	PLR	Grade	Description
24	IC11X	4	Fractures, multiple from 12 o'clock to 12 o'clock

Service / Operational Condition

Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.

Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.

Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
5	IC3-BX	5	Settled deposits, hard or compacted, 80% cross-sectional area loss
6	IC3X	4	Settled deposits, hard or compacted, 50% cross-sectional area loss, finish
7	IC4-AX	4	Settled deposits, hard or compacted, 60% cross-sectional area loss, finish
8	IC4-BX	4	Settled deposits, hard or compacted, 50% cross-sectional area loss, finish
9	IC4-CX	4	Settled deposits, hard or compacted, 60% cross-sectional area loss, finish
10	IC4X	3	Settled deposits, hard or compacted, 10% cross-sectional area loss, finish
11	IC5-AX	4	Settled deposits, hard or compacted, 30% cross-sectional area loss, finish
16	IC8-DX	4	Settled deposits, hard or compacted at joint, 20% cross-sectional area loss
17	IC8X	5	Multiple defects
18	IC9-AX	3	Settled deposits, hard or compacted, 5% cross-sectional area loss, finish
19	IC9X	3	Settled deposits, hard or compacted, 5% cross-sectional area loss, finish
21	IC10-CX	3	Settled deposits, hard or compacted, 5% cross-sectional area loss, finish
22	IC10X	4	Settled deposits, hard or compacted, 50% cross-sectional area loss
24	IC11X	2	Multiple defects

Abandoned Surveys

Section	PLR	Description
5	IC3-BX	Survey abandoned
6	IC3X	Survey abandoned
7	IC4-AX	Survey abandoned
8	IC4-BX	Survey abandoned
9	IC4-CX	Survey abandoned
10	IC4X	Survey abandoned



Scoring Summary

Project Name
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Project Number

Project Date
18/07/2023

Section	PLR	Description
11	IC5-AX	Survey abandoned
22	IC10X	Survey abandoned
23	IC11-BX	Survey abandoned
24	IC11X	Survey abandoned

Information

These scoring summaries are based on the SRM grading from the WRc.

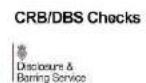


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Site Photos

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IC1



LOCATION OF IC1

IC2. UNABLE TO FULLY LIFT.
OBSTRUCTED



LOCATION OF IC2



IC3. UNABLE TO FULLY LIFT.
MANHOLE SILTED



LOCATION OF IC3



IC4.
MANHOLE SILTED



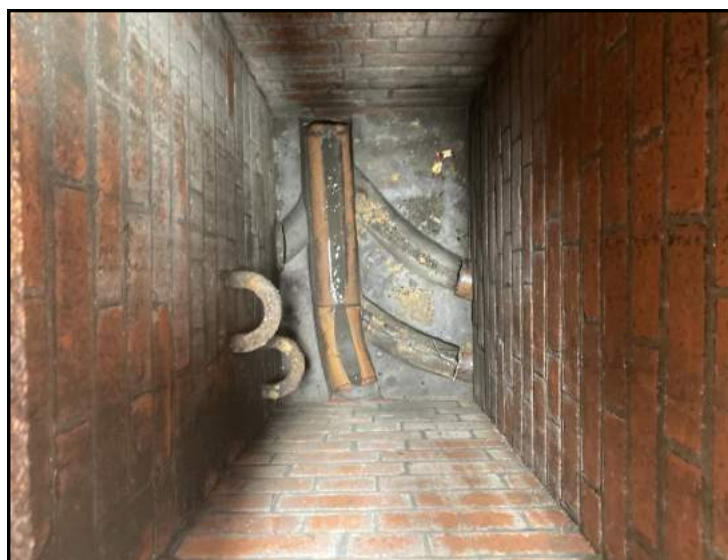
LOCATION OF IC4



IC5



LOCATION OF IC5



IC8



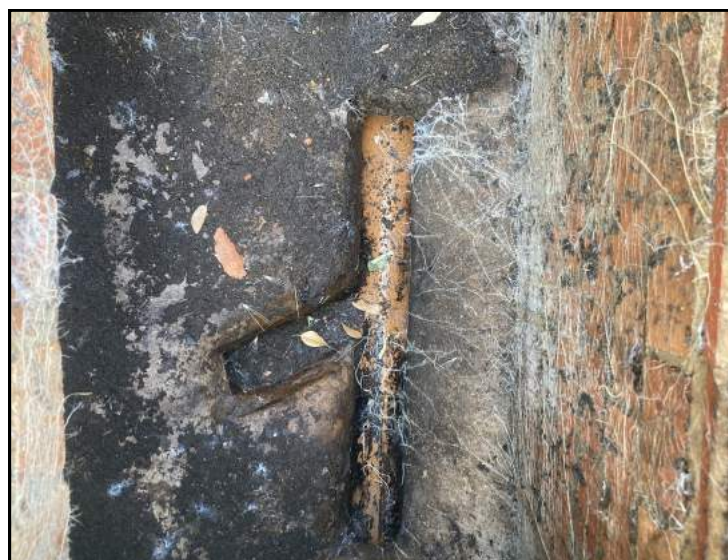
LOCATION OF IC8



IC9



LOCATION OF IC9



IC10



LOCATION OF IC10



IC11 - LAMPHOLE



LOCATION OF IC11



GULLY 1 - DEBRIS FILLED



LOCATION OF GULLY 1



GULLY 2 - DEBRIS FILLED



LOCATION OF GULLY 2



GULLY 3 - SILTED



LOCATION OF GULLY 3



GULLY 4 - DEBRIS FILLED



LOCATION OF GULLY 4



GULLY 5. TRAPPED - NO CCTV



LOCATION OF GULLY 5



GULLY 6 - DEBRIS FILLED



LOCATION OF GULLY 6



GULLY 7 - DEBRIS FILLED



LOCATION OF GULLY 7



RWP 1 - DEBRIS FILLED



LOCATION OF RWP 1



RWP 2 - DEBRIS FILLED



LOCATION OF RWP 2



RWP 3 -
APPEARS TO BE UNCONNECTED



LOCATION OF RWP 3



RWP 4 - INTO GROUND



LOCATION OF RWP 4



RWP 5 - INTO GROUND



LOCATION OF RWP 5



RWP 6. 65mm PVC OUTFALL.
UNABLE TO CCTV



LOCATION OF RWP 6



RWP 7 - ONTO GROUND



LOCATION OF RWP 7



RWP 8 - INTO GROUND



LOCATION OF RWP 8



RWP 9 - INTO GROUND



LOCATION OF RWP 9 (LEFT)



RWP 10 - INTO GROUND



LOCATION OF RWP 10 (MIDDLE)



RWP 11 - INTO GROUND



LOCATION OF RWP 11 (RIGHT)



RWP 12 - INTO GROUND



LOCATION OF RWP 12



MH1 - ASSUMED SERVICES



LOCATION OF MH1



MH2 - SERVICES



LOCATION OF MH2

ACO 1. DEBRIS FILLED



LOCATION OF ACO 1

ACO 2 + RWP. DEBRIS FILLED



LOCATION OF ACO 2



IC8-A.
CAPPED



AREA OVERGROWN



FRONT OVERVIEW



REAR OVERVIEW

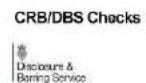


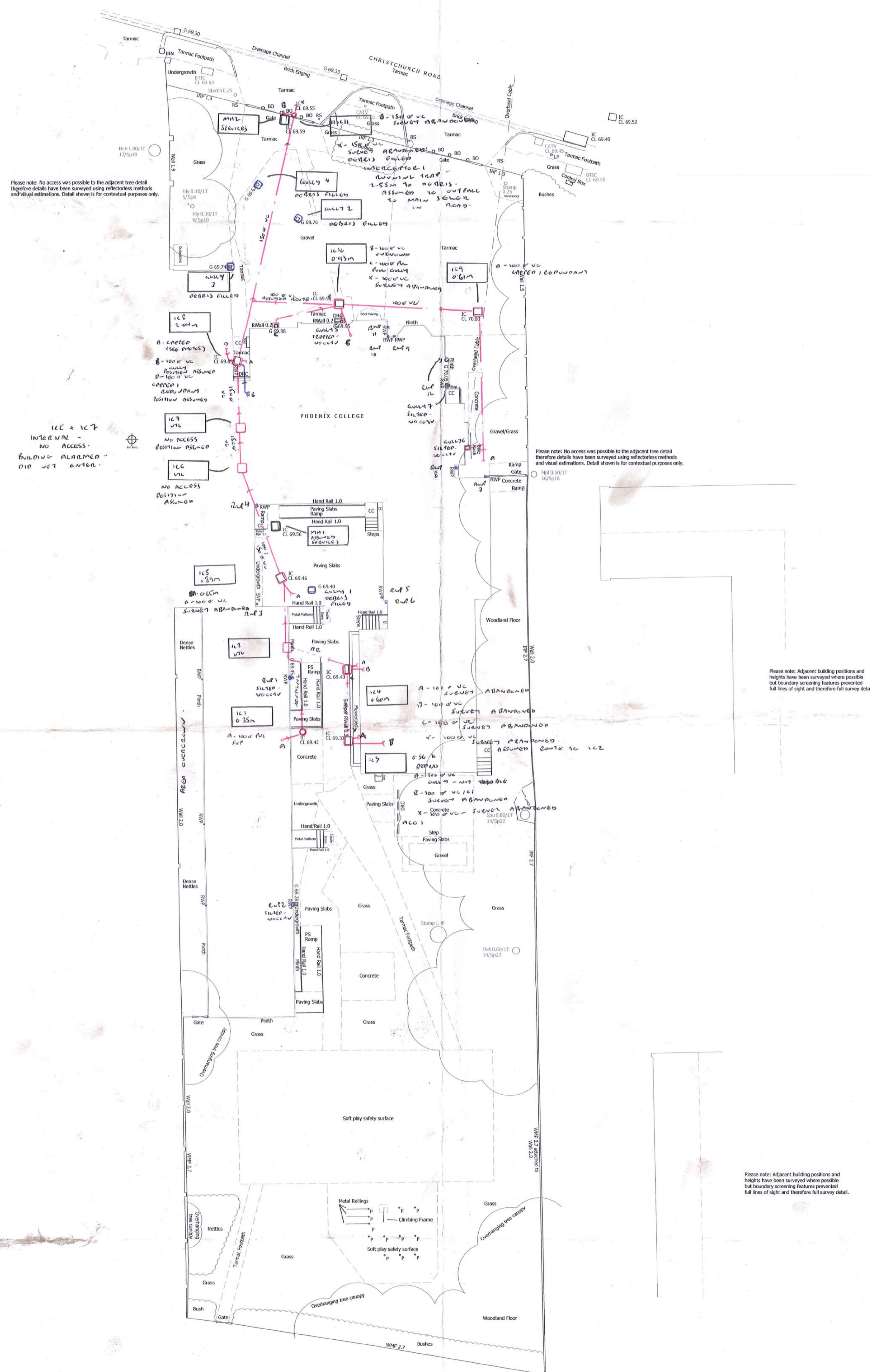
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Site Plan

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Tel : 01634 861 768





Please note: Adjacent building positions and heights have been surveyed where possible but boundary screening features precluded full lines of sight and therefore full survey detail

Disclaimer
Detail shown on this plan is for reference only.
The positions of the pipes and their route and location are believed to be correct.
InSewer Surveys accept no responsibility in the event of inaccuracy.
Before mechanical plant is used the actual position and route of the drainage system should be verified on site.

NOTES:

Drainage:
Inspection Coves are lifted where possible and all drainage input has been obtained through visual inspection only, with no entry into manholes. Therefore the complete accuracy cannot be guaranteed. If you require more detailed information, we suggest the services of a specialist drainage expert be used.

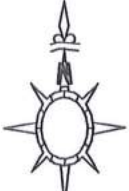
Trees:
The location of a specimen made to identify and detail all trees on site but where trees are of critical importance we suggest the use of a specialist such as an arborist. Tree spread and heights are indicative.

GPS:
All data is related to the time and date of survey. GPS levels and grid are obtained using industry standard guidelines and can vary according to the quality of the GPS network at the time of survey. The accuracy of the data is dependent on the quality of the receiver and Vertical Datum are established from a central site fix and the nearest station utilising GPS correction data.

Survey notes:
Survey specification is linked to the original purpose of the survey commissioned at source and is to be used for this purpose only. It is not intended to be an indication of the conditions at the time of survey. In areas difficult to survey due to restricted access, lines of sight or dense vegetation, critical dimensions and positions should be taken from a plan view and noted on the survey plan.

Survey data obtained and shown is relative to the plotting scale.

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LEGEND

TREE SPECIES INFORMATION

ALDER	ALD	LOCKET	LOC
ASH	ASH	LONDON PLANE	LPI
ASPEN	ASP	MAGNOLIA	MAG
BEECH	BCH	MAPLE	MAP
CEDAR	CED	OAK	OAK
CHERRY	CHY	PINE	PNE
CYPRESS	CYP	POPULAR	POP
ELM	ELM	PRUNUS	PRN
FIR	FIR	RHOODENDENDONS	RDN
FILLET	FIL	ROSE	RWS
WATHERDEN	HAZ	SILVER BEECH	SBB
HAZEL	HAZ	SORBUS	SOR
HOLLY	HLY	SWEEP CHESTNUT	SCR
HORSE CHESTNUT	HCH	SYCAMORE	SYC
YEW	HEM	VALNUT	WRT
LARCH	LAR	WILLOW	WIL
LARCH	LAR	YEW	YEW
LINE	LIM	SPECIES UNKNOWN	SPU
		COPPED	COP

TREE ANNOTATIONS: Tree Species / Tree Hoil Size / No of Hoils

FENCE INFORMATION LEVEL INFORMATION

BARRIED WIRE FENCE	BWF	BASEMENT LEVEL	BTL
COATED REINFORCED IRON FENCE	CRF	BED LEVEL	BL
CLOSE BOARD FENCE	CBF	COVER LEVEL	CL
CHAIN LINK FENCE	CLF	DAMP PROOF COURSE	DP
CHESTNUT FENCING	CNF	FLOOR LEVEL	FL
CRASH BARRIER	CRB	INVERT LEVEL	IL
HANDBAIL	HCB	OUTSIDE LEVEL	OL
IRON RAILINGS	IRF	THRESHOLD LEVEL	THL
LARCH LAP FENCE	LFP	FOUL WATER	FW
MISCELLANEOUS FENCE	MSF	SURFACE WATER	SW
PAISADIC FENCE	PSF	UNABLE TO LIFT	ULT
PECKY FENCE	PWF	WATER TO LEVEL	WL

PAT SURFAC

TRELLIS FENCING	TLF	CONCRETE	CONC
		BRICK PAVERS	BP
		FLOWERBED	FB
		PAVING SLABS	PS
		RETAINING WALL	RWR
		TACTILE PAVING	TAC

FEATURE INFORMATION

BULLFROG	BO	NOTICE BOARD	ND
BRITISH TELECOM BOX	BTS		
BRITISH TELECOM IC	BTC	RAIN WATER PIPE	SWP
BUS	BUS	RAISED FLOORED	RT
CABLE TELEVISION BOX	CABN	RAIN DOWN	RS
CABLE TELEVISION IC	CATV	RESCUING EYE	RE
CHANNING CHANNEL	CHC	SERVICE MANAGER POST	SMP
ELECTRICITY CABLE PIT	ECP	SOIL VENT PIPE	SWP
ELECTRICITY CONTROL BOX	ECB	STOP CAR	SC
ELECTRICITY POLE	ELP	STOP WAVE	SWP
FIRE INSULATOR	FIH	TELEPHONE FLOI	FT
INSPECTION COVER	IC	TELEPHONE CAB BOX	TCP
LAST POST	LP	TRAFFIC SIGNAL	TS
LEVER BOX	LB	TRAFFIC SIGNALS IC	TSC
LITTER BIN	LBN	WATER METER	WT
KEEN OUTLET	KO	WATER SLP	WSO
NAME PLATE	NP		

Level Datum:
Levels are related to GCS83 derived from the GDS network.

Grid:
Grid is related to OGC115 derived from the GPS network

Northpoint:



Encompass Surveys Ltd
Unit 2
Talisman Business Centre
Duncan Road
Park Gate, Southampton
Hampshire SO31 7GA

Tel: 023 80692002
Fax: 023 80697125
Email: info@encompass-surveys.co.uk
Website: encompass-surveys.co.uk

Client:	MH Architects		
Survey Location:	Phoenix College 40 Christchurch Road, Reading RG2 7AY		
Survey type:	Topographical	Scale:	1:200@A0
Drawing ref:	ENC/140523/2804 S1	Date:	June 2023
Drawn/QA:	CE / DH	Revision:	REV A

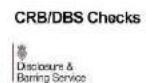


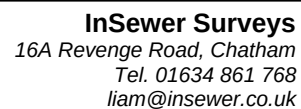
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Report

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WEB PROJECT
CLICK TO OPEN THIS SECTION

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

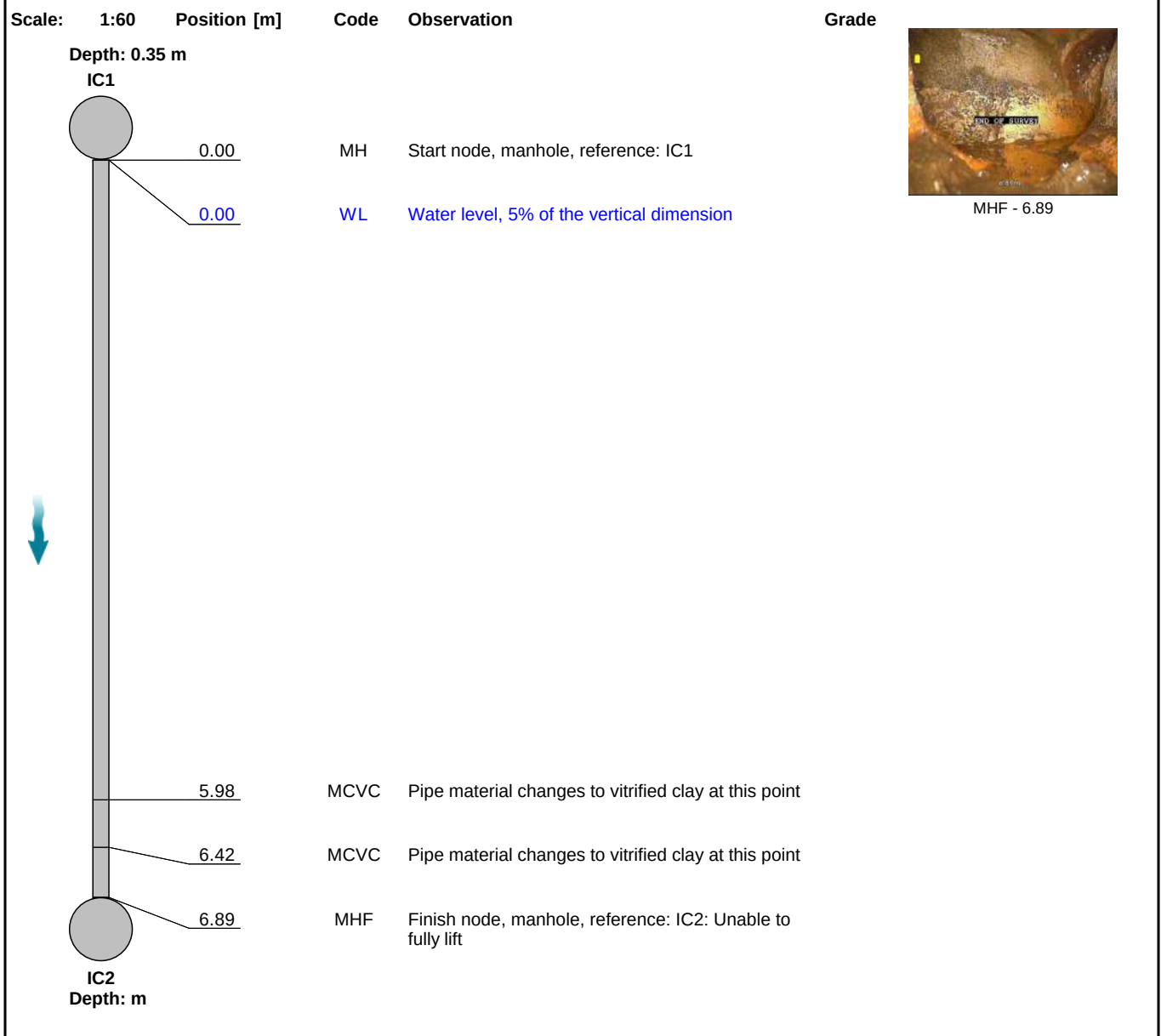


Section Inspection - 18/07/2023 - IC1X



Item No. 2	Insp. No. 1	Date 18/07/23	Time 9:19	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC1X
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Downstream	Upstream Node:	IC1
Road:	Pheonix College	Inspected Length:	6.89 m	Upstream Pipe Depth:	0.350 m
Location:		Total Length:	6.89 m	Downstream Node:	IC2
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	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



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	IC1X	TV230727	



1, 00:00:35, 6.89 m
Finish node, manhole, reference: IC2, Unable to fully lift



Section Inspection - 18/07/2023 - IC2X



Item No. 3	Insp. No. 1	Date 18/07/23	Time 9:19	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC2X
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Downstream	Upstream Node:	IC2
Road:	Pheonix College	Inspected Length:	5.90 m	Upstream Pipe Depth:	
Location:		Total Length:	5.90 m	Downstream Node:	IC5
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.890 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	Lining Material:	No Lining		

Comments:

Recommendations: -

Scale: 1:52 Position [m] Code Observation Grade

Depth: m
IC2



0.00

MH

Start node, manhole, reference: IC2: Unable to fully lift

0.00

WL

Water level, 5% of the vertical dimension

2.61

WL

Water level, 10% of the vertical dimension

5.60

WL

Water level, 5% of the vertical dimension

5.90

MHF

Finish node, manhole, reference: IC5

IC5

Depth: 0.89 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



Section Inspection - 18/07/2023 - IC3-AX



Item No. 4	Insp. No. 1	Date 18/07/23	Time 9:19	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC3-AX
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC3-A
Road:	Pheonix College	Inspected Length:	1.23 m	Upstream Pipe Depth:	
Location:		Total Length:	1.23 m	Downstream Node:	IC3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	Lining Material:	No Lining		
Comments:					
Recommendations: -					

Scale:	1:50	Position [m]	Code	Observation	Grade
Depth: m					
IC3					
0.00			MH	Start node, manhole, reference: IC3	
0.00			WL	Water level, 5% of the vertical dimension	
0.30	S01		RF	Roots, fine, start	
1.23			LD	Line deviates down	
1.23	F01		RF	Roots, fine, finish	2
1.23			GYF	Finish node, gully, reference: IC3-A: At gully - not visible	
IC3-A					
Depth: m					



RF - 0.30

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	1	1.0	0.8	1.0	2.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Upstream	IC3-AX	TV230727	



1, 00:00:00, 0.30 m
Roots, fine, start



Section Inspection - 18/07/2023 - IC3-BX



Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
5	1	18/07/23	9:19	TV230727	No Rain Or Snow	No	IC3-BX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		-		Not Specified	Not Specified	-	-

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC3-B
Road:	Pheonix College	Inspected Length:	3.22 m	Upstream Pipe Depth:	
Location:		Total Length:	3.22 m	Downstream Node:	IC3
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul		Pipe Shape:	Circular	
Type of Pipe:			Dia/Height:	100 mm	
Flow Control:	-		Material:	Vitrified clay	
Year Constructed:	Not Specified		Lining Type:	No Lining	
Inspection Purpose:	Routine inspection		Lining Material:	No Lining	
Comments:					
Recommendations: -					

Scale:	1:50	Position [m]	Code	Observation	Grade
		0.00	MH	Start node, manhole, reference: IC3	
		0.00	WL	Water level, 5% of the vertical dimension	
		0.30	S01	DEC Settled deposits, hard or compacted, 15% cross-sectional area loss, start	
		0.70	MCCI	Pipe material changes to cast iron at this point	
		0.87	S02	DEC Settled deposits, hard or compacted, 5% cross-sectional area loss, start	
		3.16	F01	DEC Settled deposits, hard or compacted, 15% cross-sectional area loss, finish	3
		3.16	F02	DEC Settled deposits, hard or compacted, 5% cross-sectional area loss, finish	3
		3.16	DEC	Settled deposits, hard or compacted, 80% cross-sectional area loss	5
		3.22	SA	Survey abandoned: Unable to continue due to debris	



DEC - 0.30



DEC - 0.87



DEC - 3.16



SA - 3.22

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	3	14.0	6.8	22.0	5.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	IC3-BX	TV230727	



1, 00:00:01, 0.30 m
Settled deposits, hard or compacted, 15% cross-sectional area loss, start



2, 00:00:10, 0.87 m
Settled deposits, hard or compacted, 5% cross-sectional area loss, start



3, 00:00:22, 3.16 m
Settled deposits, hard or compacted, 80% cross-sectional area loss



4, 00:00:28, 3.22 m
Survey abandoned, Unable to continue due to debris



Section Inspection - 18/07/2023 - IC3X



Item No. 6	Insp. No. 1	Date 18/07/23	Time 9:19	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC3X
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Downstream	Upstream Node:	IC3
Road:	Pheonix College	Inspected Length:	0.10 m	Upstream Pipe Depth:	
Location:		Total Length:	0.10 m	Downstream Node:	RUN X
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	Lining Material:	No Lining		
Comments:					
Recommendations: -					

Scale: 1:50	Position [m]	Code	Observation	Grade
Depth: m IC3	0.00	MH	Start node, manhole, reference: IC3	
	0.00	WL	Water level, 5% of the vertical dimension	
	0.00	S01	DEC	
	0.10	F01	DEC	
	0.10	SA	Survey abandoned: Unable to pass due to silt deposits	4
DEC - 0.00				
SA - 0.10				

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	1	8.0	80.0	8.0	5.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Downstream	IC3X	TV230727	



1, 00:00:00, 0.00 m
Settled deposits, hard or compacted, 50% cross-sectional area loss, start



2, 00:00:19, 0.10 m
Survey abandoned, Unable to pass due to silt deposits



Section Inspection - 18/07/2023 - IC4-AX



Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
7	1	18/07/23	9:19	TV230727	No Rain Or Snow	No	IC4-AX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		-		Not Specified	Not Specified	-	-

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC4-A
Road:	Phoenix College	Inspected Length:	0.11 m	Upstream Pipe Depth:	
Location:		Total Length:	0.11 m	Downstream Node:	IC4
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.600 m
Use:	Foul		Pipe Shape:	Circular	
Type of Pipe:			Dia/Height:	100 mm	
Flow Control:	-		Material:	Vitrified clay	
Year Constructed:	Not Specified		Lining Type:	No Lining	
Inspection Purpose:	Routine inspection		Lining Material:	No Lining	
Comments:					
Recommendations: -					

Scale:	1:50	Position [m]	Code	Observation	Grade
Depth: 0.60 m IC4					
		0.00	MH	Start node, manhole, reference: IC4	
		0.00	WL	Water level, 5% of the vertical dimension	
		0.00	S01	DEC Settled deposits, hard or compacted, 60% cross-sectional area loss, start	
		0.11	F01	DEC Settled deposits, hard or compacted, 60% cross-sectional area loss, finish	4
		0.11	SA	Survey abandoned: Unable to pass due to silt deposits	



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	1	8.0	72.7	8.0	5.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
7	Upstream	IC4-AX	TV230727	



1, 00:00:00, 0.00 m
Settled deposits, hard or compacted, 60% cross-sectional area loss, start



2, 00:00:13, 0.11 m
Survey abandoned, Unable to pass due to silt deposits



Section Inspection - 18/07/2023 - IC4-BX



Item No. 8	Insp. No. 1	Date 18/07/23	Time 9:19	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC4-BX
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC4-B
Road:	Pheonix College	Inspected Length:	0.85 m	Upstream Pipe Depth:	
Location:		Total Length:	0.85 m	Downstream Node:	IC4
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.600 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	Lining Material:	No Lining		
Comments:					
Recommendations: -					

Scale:	1:50	Position [m]	Code	Observation	Grade
		0.00	MH	Start node, manhole, reference: IC4	
		0.00	WL	Water level, 5% of the vertical dimension	
		0.53	S01	DEC	Settled deposits, hard or compacted, 50% cross-sectional area loss, start
		0.85	F01	DEC	Settled deposits, hard or compacted, 50% cross-sectional area loss, finish
		0.85	SA	Survey abandoned: Loss of vision due to silt deposits	4



DEC - 0.53



SA - 0.85

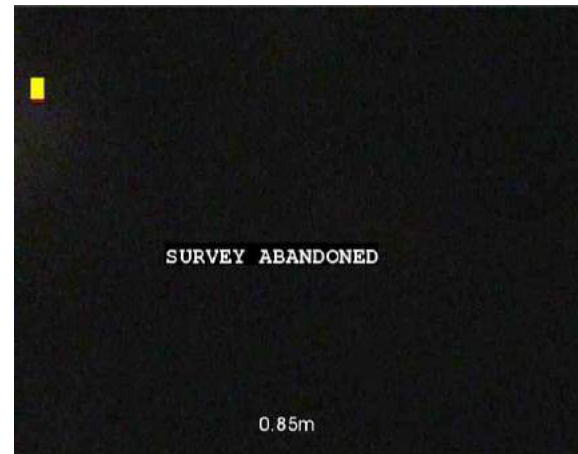
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	8.0	9.4	8.0	5.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
8	Upstream	IC4-BX	TV230727	



1, 00:00:07, 0.53 m
Settled deposits, hard or compacted, 50% cross-sectional area loss, start



2, 00:00:18, 0.85 m
Survey abandoned, Loss of vision due to silt deposits



Section Inspection - 18/07/2023 - IC4-CX



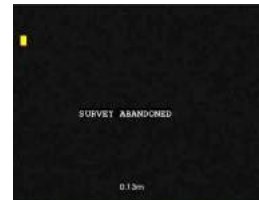
Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
9	1	18/07/23	9:19	TV230727	No Rain Or Snow	No	IC4-CX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		-		Not Specified	Not Specified	-	-

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC4-C
Road:	Pheonix College	Inspected Length:	0.13 m	Upstream Pipe Depth:	
Location:		Total Length:	0.13 m	Downstream Node:	IC4
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.600 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		
Comments:					
Recommendations: -					

Scale:	1:50	Position [m]	Code	Observation	Grade
Depth: 0.60 m IC4					
		0.00	MH	Start node, manhole, reference: IC4	
		0.00	WL	Water level, 5% of the vertical dimension	
		0.00	S01	DEC Settled deposits, hard or compacted, 60% cross-sectional area loss, start	
		0.13	F01	DEC Settled deposits, hard or compacted, 60% cross-sectional area loss, finish	4
		0.13	SA	Survey abandoned: Loss of vision due to silt deposits	



DEC - 0.00



SA - 0.13

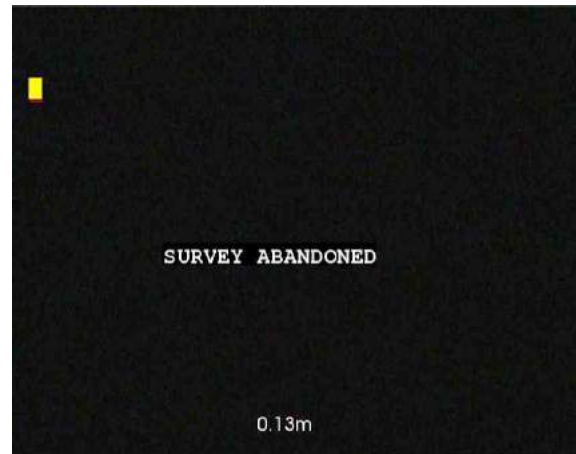
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	8.0	61.5	8.0	5.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
9	Upstream	IC4-CX	TV230727	



1, 00:00:01, 0.00 m
Settled deposits, hard or compacted, 60% cross-sectional area loss, start



2, 00:00:12, 0.13 m
Survey abandoned, Loss of vision due to silt deposits

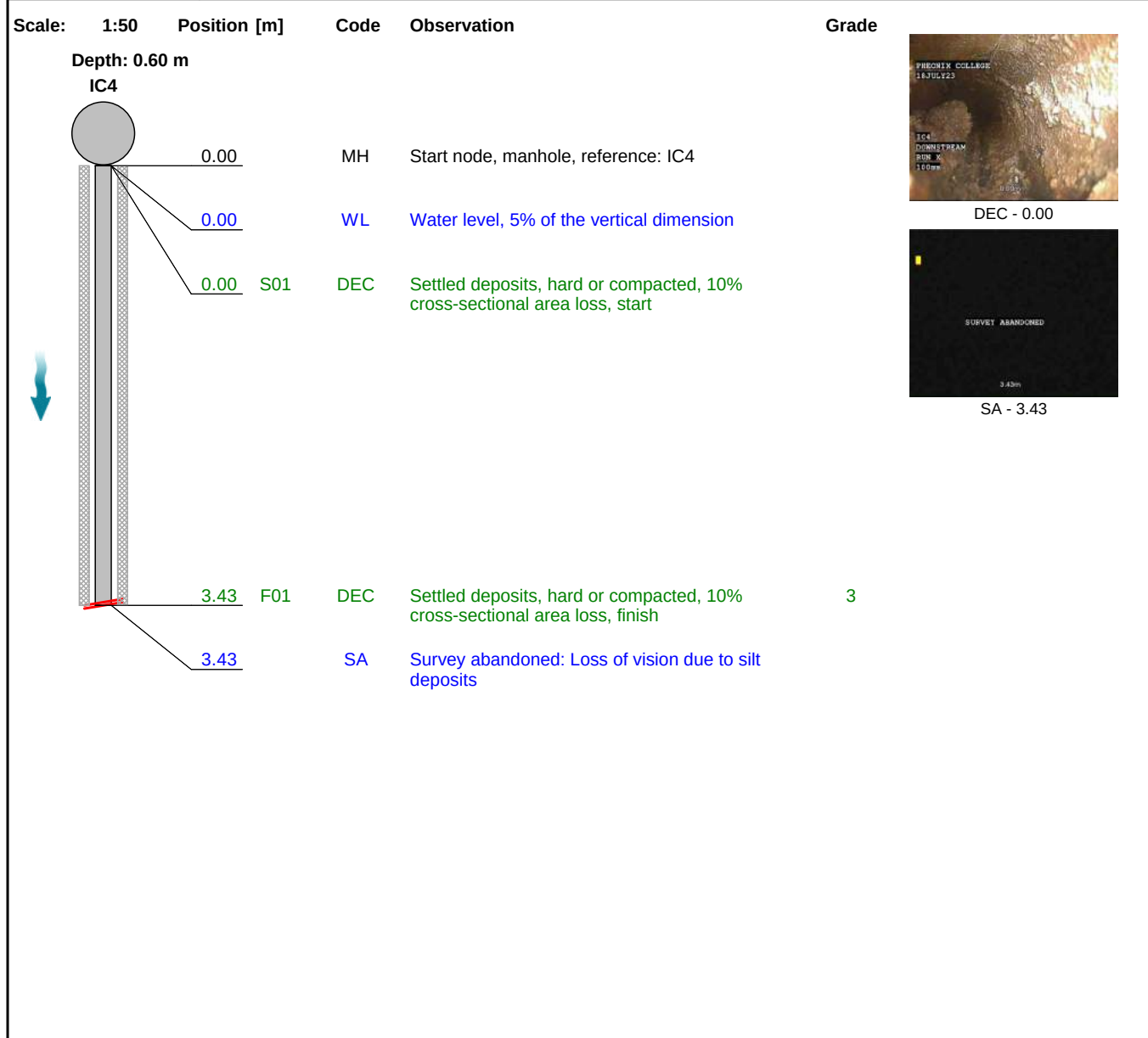


Section Inspection - 18/07/2023 - IC4X



Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
10	1	18/07/23	9:19	TV230727	No Rain Or Snow	No	IC4X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		-		Not Specified	Not Specified	-	-

Town or Village:	Reading	Inspection Direction:	Downstream	Upstream Node:	IC4
Road:	Pheonix College	Inspected Length:	3.43 m	Upstream Pipe Depth:	0.600 m
Location:		Total Length:	3.43 m	Downstream Node:	RUN X
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul		Pipe Shape:	Circular	
Type of Pipe:			Dia/Height:	100 mm	
Flow Control:	-		Material:	Vitrified clay	
Year Constructed:	Not Specified		Lining Type:	No Lining	
Inspection Purpose:	Routine inspection		Lining Material:	No Lining	
Comments:					
Recommendations: -					



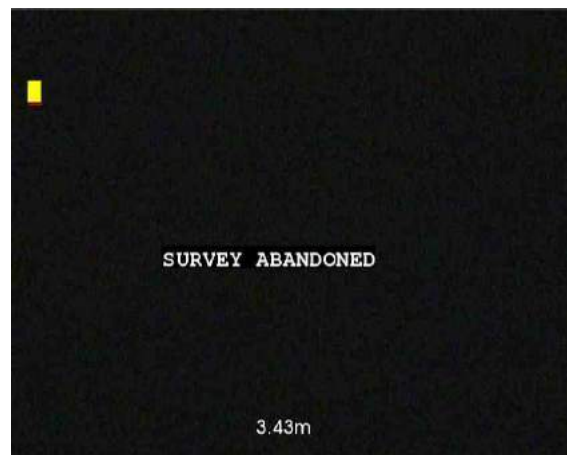
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	2.3	8.0	3.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Downstream	IC4X	TV230727	



1, 00:00:00, 0.00 m
Settled deposits, hard or compacted, 10% cross-sectional area loss, start



2, 00:00:23, 3.43 m
Survey abandoned, Loss of vision due to silt deposits



Section Inspection - 18/07/2023 - IC5-AX



Item No. 11	Insp. No. 1	Date 18/07/23	Time 9:19	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC5-AX
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC5-A
Road:	Pheonix College	Inspected Length:	2.35 m	Upstream Pipe Depth:	
Location:		Total Length:	2.35 m	Downstream Node:	IC5
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.890 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	Lining Material:	No Lining		

Comments:

Recommendations: -

Scale: 1:50 Position [m] Code Observation Grade

Depth: 0.89 m



0.00

MH

Start node, manhole, reference: IC5

0.00

WL

Water level, 5% of the vertical dimension

0.30

S01

DEC

Settled deposits, hard or compacted, 30% cross-sectional area loss, start

2.35

F01

DEC

Settled deposits, hard or compacted, 30% cross-sectional area loss, finish

2.35

SA

Survey abandoned: Loss of vision due to silt deposits



DEC - 0.30



SA - 2.35

4

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

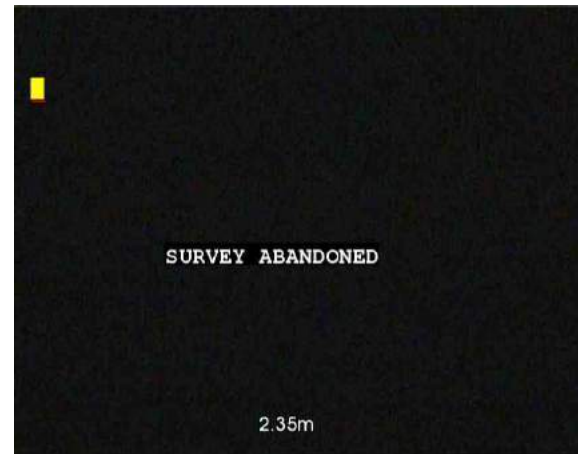
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	5.0	6.4	15.0	5.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
11	Upstream	IC5-AX	TV230727	



1, 00:00:00, 0.30 m
Settled deposits, hard or compacted, 30% cross-sectional area loss, start



2, 00:00:26, 2.35 m
Survey abandoned, Loss of vision due to silt deposits



Section Inspection - 18/07/2023 - IC5X

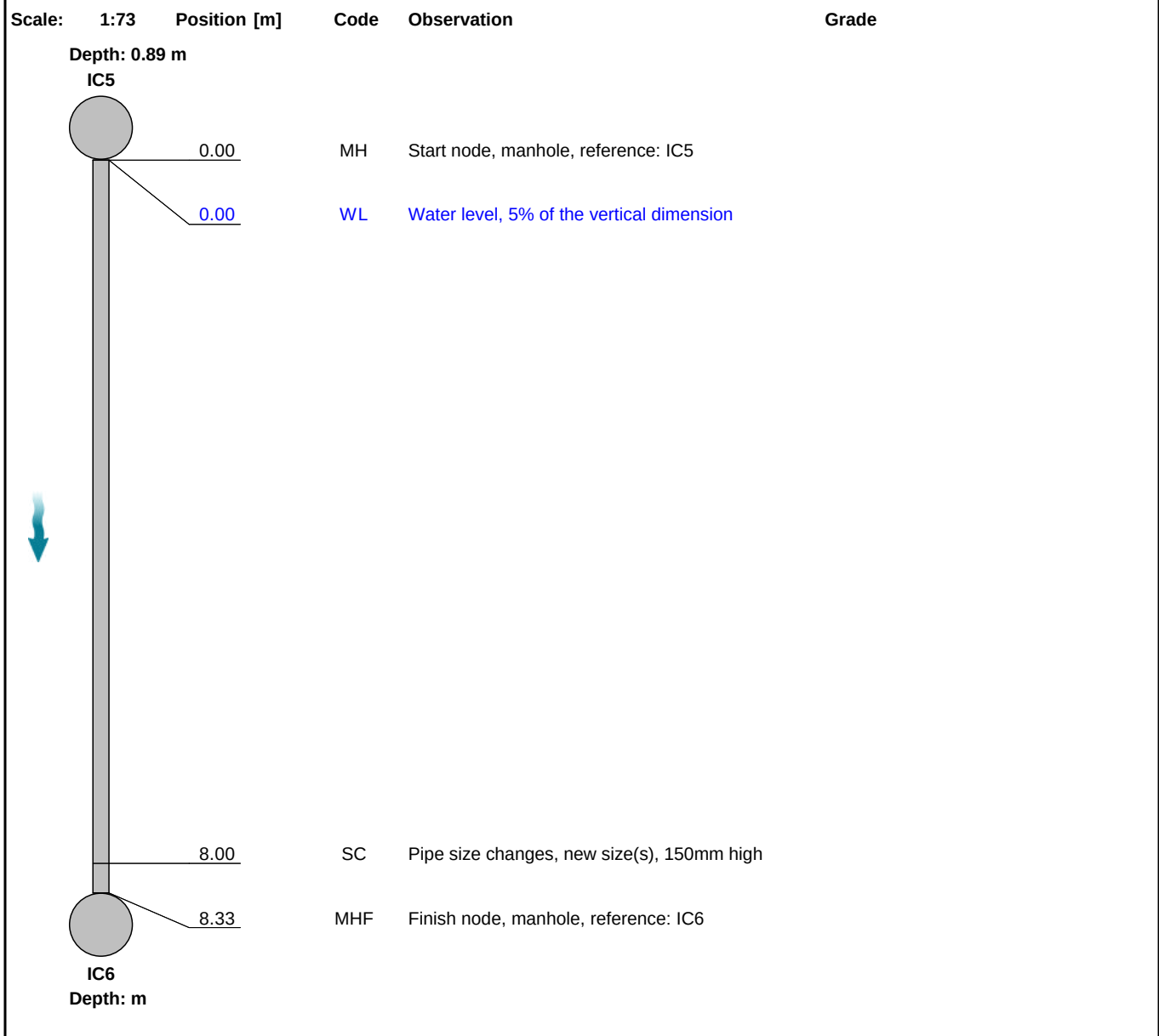


Item No. 12	Insp. No. 1	Date 18/07/23	Time 9:19	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC5X
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Downstream	Upstream Node:	IC5
Road:	Pheonix College	Inspected Length:	8.33 m	Upstream Pipe Depth:	0.890 m
Location:		Total Length:	8.33 m	Downstream Node:	IC6
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	Lining Material:	No Lining		

Comments:

Recommendations: -



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



Section Inspection - 18/07/2023 - IC6X



Item No. 13	Insp. No. 1	Date 18/07/23	Time 9:19	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC6X
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Downstream	Upstream Node:	IC6
Road:	Pheonix College	Inspected Length:	1.25 m	Upstream Pipe Depth:	
Location:		Total Length:	1.25 m	Downstream Node:	IC7
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:	Routine Inspection	Lining Material:	No Lining		
Comments:					
Recommendations: -					

Scale:	1:50	Position [m]	Code	Observation	Grade																				
Depth: m IC6 IC7 Depth: m <table><tr><td>0.00</td><td>MH</td><td>Start node, manhole, reference: IC6</td><td></td></tr><tr><td>0.00</td><td>WL</td><td>Water level, 5% of the vertical dimension</td><td></td></tr><tr><td>0.30</td><td>CN</td><td>Connection other than junction at 09 o'clock, 100mm dia</td><td></td></tr><tr><td>0.83</td><td>CN</td><td>Connection other than junction at 02 o'clock, 100mm dia</td><td></td></tr><tr><td>1.25</td><td>MHF</td><td>Finish node, manhole, reference: IC7</td><td></td></tr></table>						0.00	MH	Start node, manhole, reference: IC6		0.00	WL	Water level, 5% of the vertical dimension		0.30	CN	Connection other than junction at 09 o'clock, 100mm dia		0.83	CN	Connection other than junction at 02 o'clock, 100mm dia		1.25	MHF	Finish node, manhole, reference: IC7	
0.00	MH	Start node, manhole, reference: IC6																							
0.00	WL	Water level, 5% of the vertical dimension																							
0.30	CN	Connection other than junction at 09 o'clock, 100mm dia																							
0.83	CN	Connection other than junction at 02 o'clock, 100mm dia																							
1.25	MHF	Finish node, manhole, reference: IC7																							
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 - 18/07/2023 - IC7X

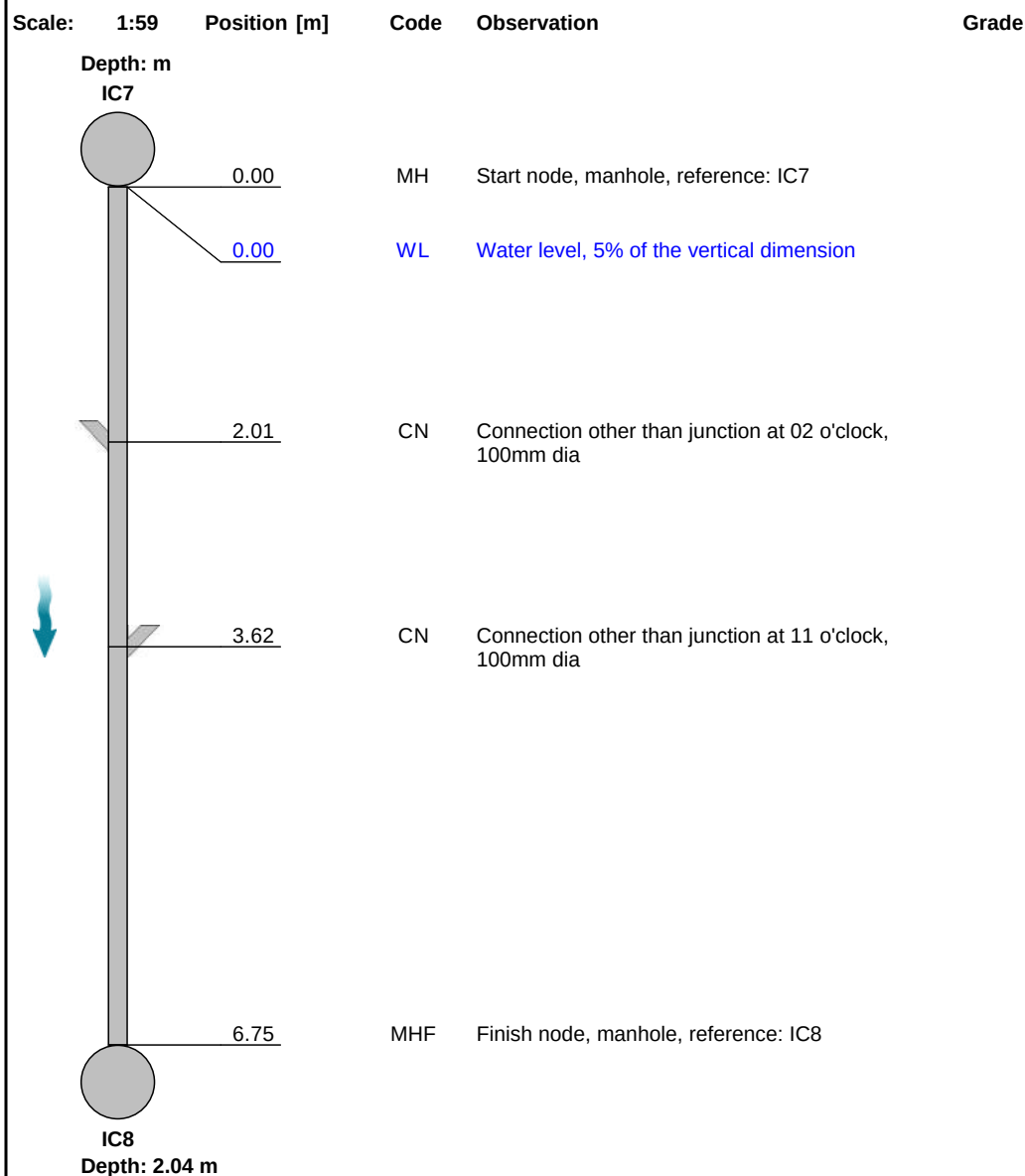


Item No. 14	Insp. No. 1	Date 18/07/23	Time 9:19	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC7X
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Downstream	Upstream Node:	IC7
Road:	Pheonix College	Inspected Length:	6.75 m	Upstream Pipe Depth:	
Location:		Total Length:	6.75 m	Downstream Node:	IC8
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.040 m
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:	Routine inspection	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

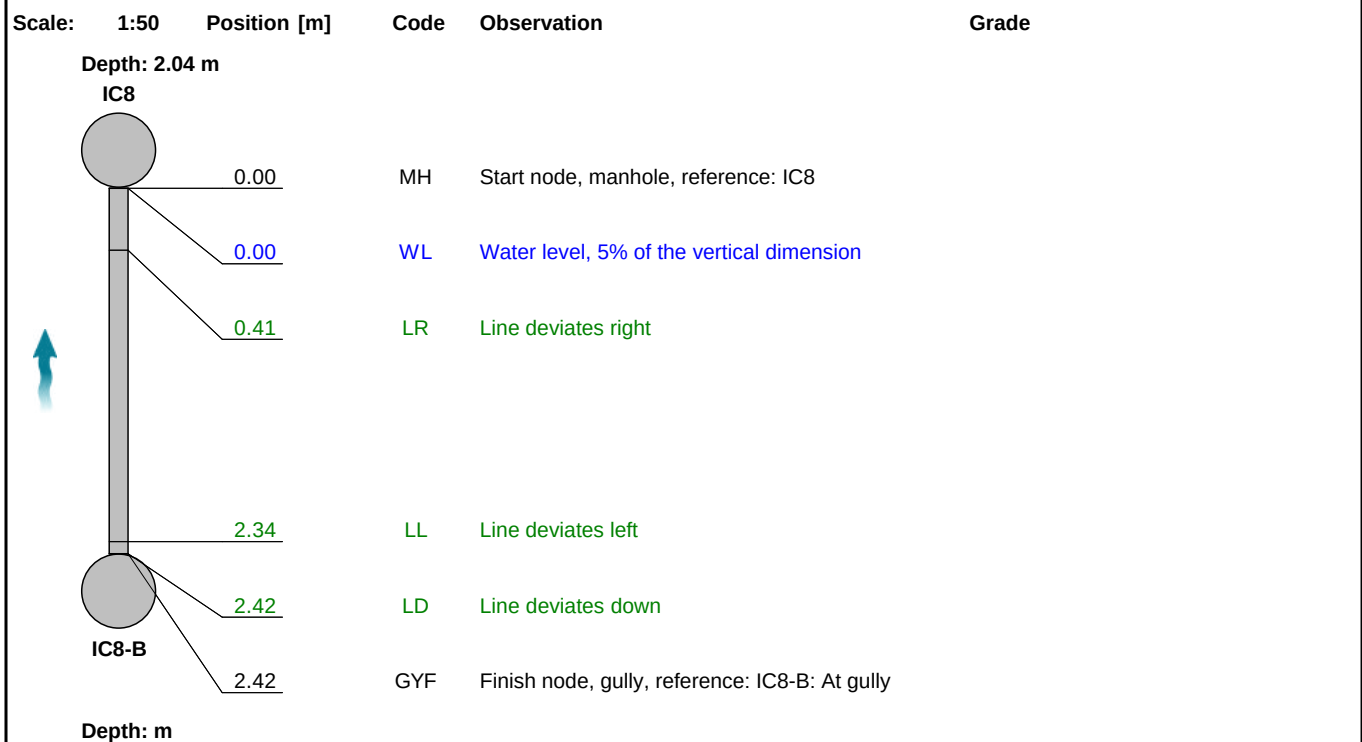


Section Inspection - 22/07/2023 - IC8-BX



Item No. 15	Insp. No. 1	Date 22/07/23	Time 8:13	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC8-BX
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC8-B
Road:	Pheonix College	Inspected Length:	2.42 m	Upstream Pipe Depth:	
Location:		Total Length:	2.42 m	Downstream Node:	IC8
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.040 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	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 - 22/07/2023 - IC8-DX



Item No. 16	Insp. No. 1	Date 22/07/23	Time 8:16	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC8-DX
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC8-D
Road:	Pheonix College	Inspected Length:	1.82 m	Upstream Pipe Depth:	
Location:		Total Length:	1.82 m	Downstream Node:	IC8
Surface Type:		Joint Length:		Downstream Pipe Depth:	2.040 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	Lining Material:	No Lining		
Comments:					
Recommendations:	-				

Scale:	1:50	Position [m]	Code	Observation	Grade
Depth: 2.04 m IC8					
		0.00	MH	Start node, manhole, reference: IC8	
		0.00	WL	Water level, 5% of the vertical dimension	
		0.30	LR	Line deviates right	
		0.91	DECJ	Settled deposits, hard or compacted at joint, 20% cross-sectional area loss	4
		1.82	SA	Survey abandoned: Redundant	



DECJ - 0.91



SA - 1.82

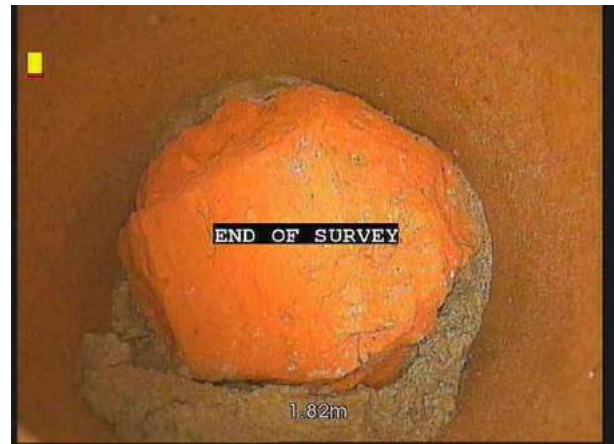
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	5.0	2.7	5.0	4.0



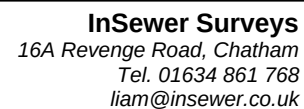
Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
16	Upstream	IC8-DX	TV230727	



1, 00:00:25, 0.91 m
Settled deposits, hard or compacted at joint, 20%
cross-sectional area loss



2, 00:00:55, 1.82 m
Survey abandoned, Redundant



WEB PROJECT
CLICK TO OPEN THIS SECTION

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	10.0	0.5	10.0	2.0	4	20.0	1.7	36.0	5.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
17	Downstream	IC8X	TV230727	



1, 00:00:26, 4.88 m
Roots, mass at joint, 25% cross-sectional area loss



2, 00:00:41, 5.16 m
Roots, mass, 80% cross-sectional area loss



3, 00:02:12, 10.75 m
Settled deposits, hard or compacted at joint, 20% cross-sectional area loss



4, 00:03:11, 19.76 m
Crack, circumferential at joint from 04 o'clock to 05 o'clock



5, 00:03:43, 20.83 m
Finish node, lamphole, reference: IC11



Section Inspection - 22/07/2023 - IC9-AX

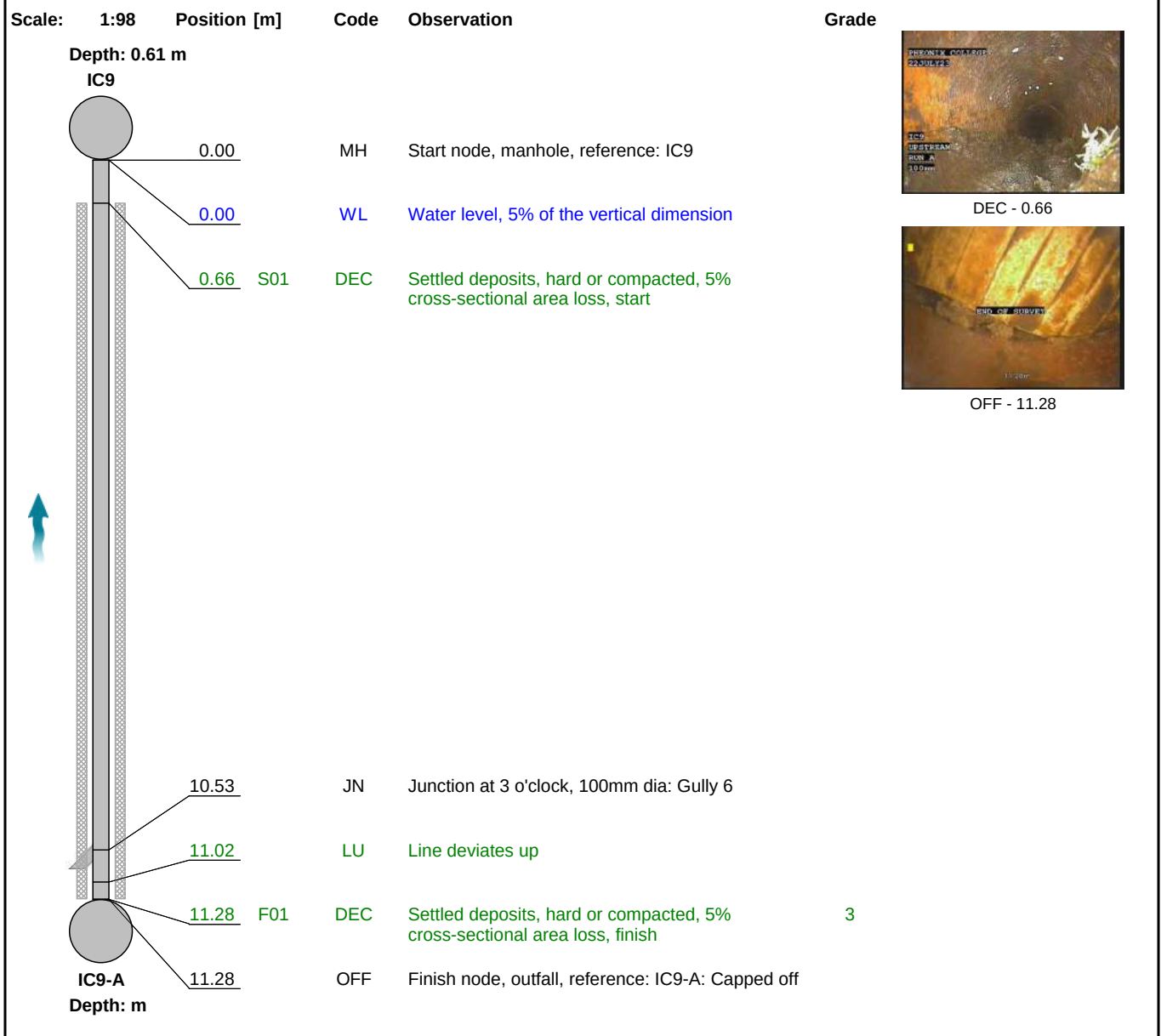


Item No. 18	Insp. No. 1	Date 22/07/23	Time 8:35	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC9-AX
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC9-A
Road:	Pheonix College	Inspected Length:	11.28 m	Upstream Pipe Depth:	
Location:		Total Length:	11.28 m	Downstream Node:	IC9
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.610 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	Lining Material:	No Lining		

Comments:

Recommendations: -



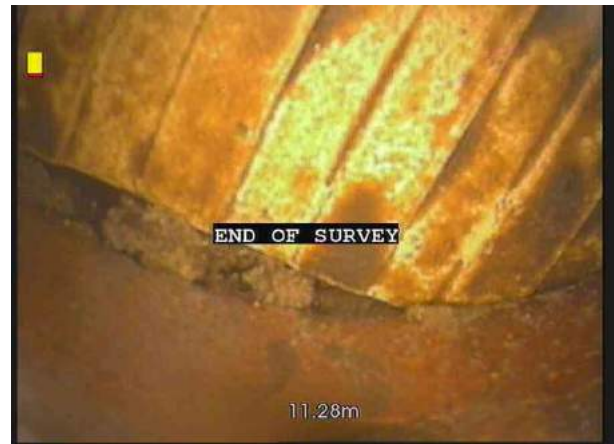
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	2.0	22.0	3.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
18	Upstream	IC9-AX	TV230727	



1, 00:00:08, 0.66 m
Settled deposits, hard or compacted, 5% cross-sectional area loss, start



2, 00:01:39, 11.28 m
Finish node, outfall, reference: IC9-A, Capped off



WEB PROJECT
CLICK TO OPEN THIS SECTION

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	10.0	0.8	10.0	2.0	3	4.0	2.2	26.0	3.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
19	Downstream	IC9X	TV230727	



1, 00:00:10, 0.55 m
Settled deposits, hard or compacted, 5% cross-sectional area loss, start



2, 00:01:08, 8.66 m
Roots, fine, start



3, 00:01:23, 9.62 m
Crack, circumferential from 02 o'clock to 06 o'clock



Section Inspection - 22/07/2023 - IC10-BX



Item No. 20	Insp. No. 1	Date 22/07/23	Time 8:45	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC10-BX
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC10-B
Road:	Pheonix College	Inspected Length:	2.42 m	Upstream Pipe Depth:	
Location:		Total Length:	2.42 m	Downstream Node:	IC10
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.930 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	Lining Material:	No Lining		
Comments:					
Recommendations: -					

Scale:	1:50	Position [m]	Code	Observation	Grade
		0.00	MH	Start node, manhole, reference: IC10	
		0.00	WL	Water level, 5% of the vertical dimension	
		0.30	JN	Junction at 1 o'clock, 100mm dia: Gully 5	
		1.40	RF	Roots, fine	2
		2.08	LU	Line deviates up	
		2.42	OFF	Finish node, outfall, reference: IC10-B: At unknown	
RF - 1.40					

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	1	1.0	0.4	1.0	2.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
20	Upstream	IC10-BX	TV230727	



1, 00:00:25, 1.40 m
Roots, fine



Section Inspection - 22/07/2023 - IC10-CX

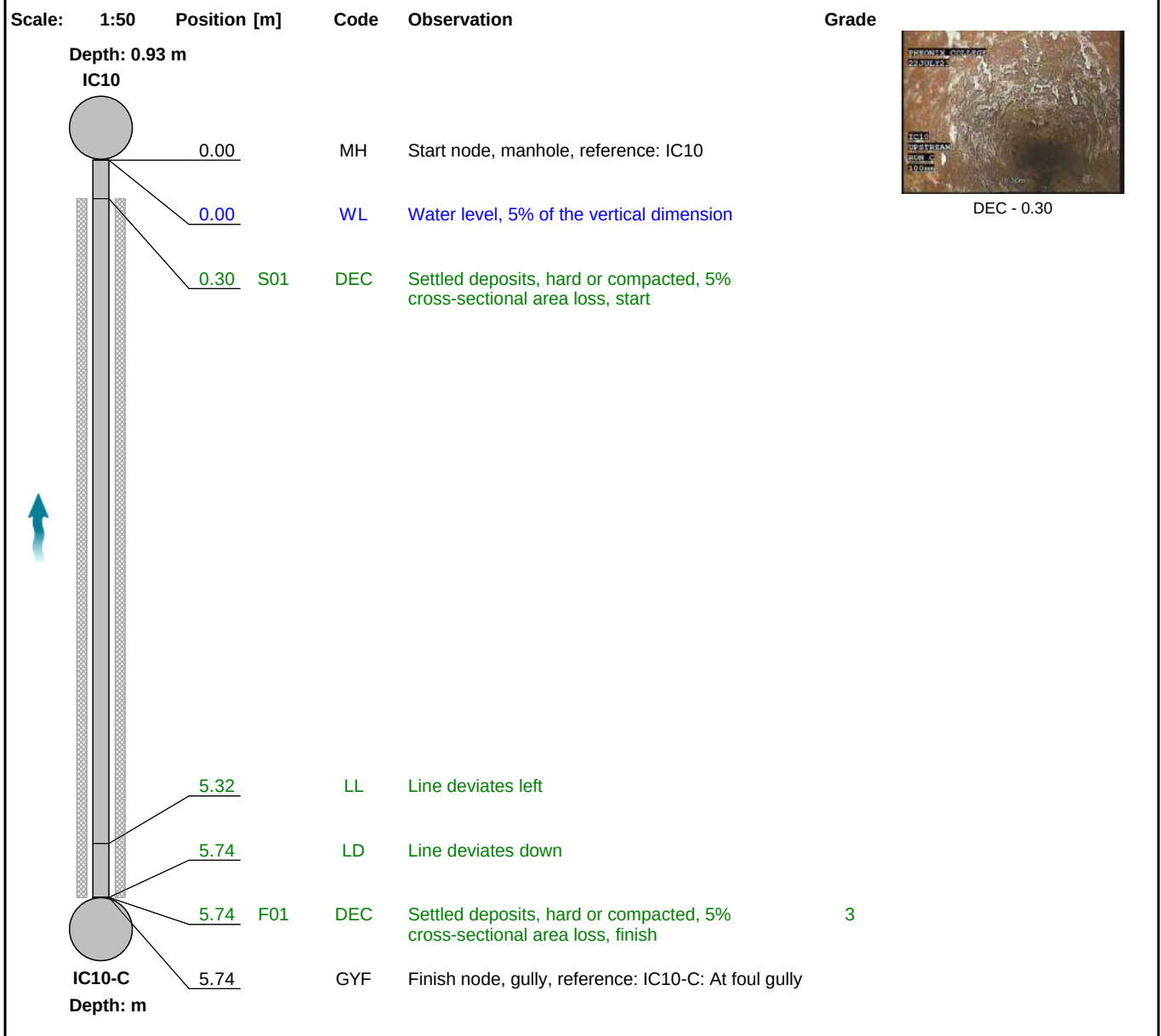


Item No. 21	Insp. No. 1	Date 22/07/23	Time 8:48	Client's Job Ref TV230727	Weather No Rain Or Snow	Pre Cleaned No	PLR IC10-CX
Operator Not Specified		Vehicle -		Camera Not Specified	Preset Length Not Specified	Legal Status -	Alternative ID -

Town or Village:	Reading	Inspection Direction:	Upstream	Upstream Node:	IC10-C
Road:	Pheonix College	Inspected Length:	5.74 m	Upstream Pipe Depth:	
Location:		Total Length:	5.74 m	Downstream Node:	IC10
Surface Type:		Joint Length:		Downstream Pipe Depth:	0.930 m
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:		Dia/Height:	100 mm		
Flow Control:	-	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine Inspection	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	1	2.0	2.1	12.0	3.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
21	Upstream	IC10-CX	TV230727	



1, 00:00:04, 0.30 m
Settled deposits, hard or compacted, 5% cross-sectional area
loss, start



Section Inspection - 22/07/2023 - IC10X



Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
22	1	22/07/23	8:51	TV230727	No Rain Or Snow	No	IC10X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		-		Not Specified	Not Specified	-	-

Town or Village:	Reading	Inspection Direction:	Downstream	Upstream Node:	IC10
Road:	Pheonix College	Inspected Length:	6.23 m	Upstream Pipe Depth:	0.930 m
Location:		Total Length:	6.23 m	Downstream Node:	RUN X
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul		Pipe Shape:	Circular	
Type of Pipe:			Dia/Height:	100 mm	
Flow Control:	-		Material:	Vitrified clay	
Year Constructed:	Not Specified		Lining Type:	No Lining	
Inspection Purpose:	Routine inspection		Lining Material:	No Lining	
Comments:					
Recommendations: -					

Scale: 1:54	Position [m]	Code	Observation	Grade
Depth: 0.93 m IC10				
	0.00	MH	Start node, manhole, reference: IC10	
	0.00	WL	Water level, 5% of the vertical dimension	
	0.55	CC	Crack, circumferential from 09 o'clock to 02 o'clock	2 / 2
				 CC - 0.55
				 DEC - 5.83
	5.09	LD	Line deviates down	
	5.83	DEC	Settled deposits, hard or compacted, 50% cross-sectional area loss	4
	6.23	SA	Survey abandoned: Unable to pass due to silt deposits	
				 SA - 6.23

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	10.0	1.6	10.0	2.0	2	8.0	1.4	9.0	4.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
22	Downstream	IC10X	TV230727	



1, 00:00:08, 0.55 m
Crack, circumferential from 09 o'clock to 02 o'clock



2, 00:00:45, 5.83 m
Settled deposits, hard or compacted, 50% cross-sectional area loss



3, 00:01:37, 6.23 m
Survey abandoned, Unable to pass due to silt deposits



WEB PROJECT
CLICK TO OPEN THIS SECTION

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



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
23	Upstream	IC11-BX	TV230727	



1, 00:00:22, 0.55 m
Survey abandoned, Unable to continue - camera unable to round bend



Section Inspection - 22/07/2023 - IC11X



Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
24	1	22/07/23	9:03	TV230727	No Rain Or Snow	No	IC11X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
Not Specified		-		Not Specified	Not Specified	-	-

Town or Village:	Reading	Inspection Direction:	Downstream	Upstream Node:	IC11
Road:	Pheonix College	Inspected Length:	1.97 m	Upstream Pipe Depth:	
Location:		Total Length:	1.97 m	Downstream Node:	RUN X
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Combined	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:	Routine Inspection	Lining Material:	No Lining		

Comments:

Recommendations: -

Scale:	1:50	Position [m]	Code	Observation	Grade
Depth: m IC11					
	0.00	LH	Start node, lamphole, reference: IC11		
	0.00	FM	Fractures, multiple from 12 o'clock to 12 o'clock	4 / 2	 FM - 0.00
	0.00	WL	Water level, 5% of the vertical dimension		 WL - 0.00
	0.10	JN	Junction at 12 o'clock, 150mm dia		
	0.30	FCJ	Fracture, circumferential at joint from 03 o'clock to 09 o'clock	3 / 2	 FCJ - 0.30
	1.97	SA	Survey abandoned: Unable to continue - assumed debris filled interceptor / trap		 SA - 1.97

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
2	120.0	60.9	120.0	4.0	2	2.0	1.0	2.0	3.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
24	Downstream	IC11X	TV230727	



1, 00:00:04, 0.00 m
Fractures, multiple from 12 o'clock to 12 o'clock



2, 00:00:24, 0.30 m
Fracture, circumferential at joint from 03 o'clock to 09 o'clock



3, 00:01:18, 1.97 m
Survey abandoned, Unable to continue - assumed debris filled
interceptor / trap

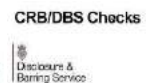


*Sewer Inspection,
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Recommendations

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Section number	Upstream manhole	Flow direction	Downstream manhole	Recommendations
1	IC1-A	Upstream	IC1	
2	IC1	Downstream	IC2	Unable to lift IC2
3	IC2	Downstream	IC5	
4	IC3-A	Upstream	IC3	Clean by van pack jetting unit and resurvey
5	IC3-B	Upstream	IC3	Clean by van pack jetting unit and resurvey
6	IC3	Downstream	RUN X	Clean by van pack jetting unit and resurvey
7	IC4-A	Upstream	IC4	Clean by van pack jetting unit and resurvey
8	IC4-B	Upstream	IC4	Clean by van pack jetting unit and resurvey
9	IC4-C	Upstream	IC4	Clean by van pack jetting unit and resurvey
10	IC4	Downstream	RUN X	Clean by van pack jetting unit and resurvey
11	IC5-A	Upstream	IC5	Clean by van pack jetting unit and resurvey
12	IC5	Downstream	IC6	
13	IC6	Downstream	IC7	
14	IC7	Downstream	IC8	
15	IC8-B	Upstream	IC8	
16	IC8-D	Upstream	IC8	Assumed redundant
17	IC8	Downstream	IC11	Clear by specialist root cutting and repair by lining (if viable)
18	IC9-A	Upstream	IC9	
19	IC9	Downstream	IC10	Repair defect(s) by lining
20	IC10-B	Upstream	IC10	Clean by van pack jetting unit and resurvey
21	IC10-C	Upstream	IC10	Clean by van pack jetting unit and resurvey
22	IC10	Downstream	RUN X	Clean by van pack jetting unit and resurvey (further remedials may be required)
23	IC11-B	Upstream	IC11	
24	IC11	Downstream	RUN X	Consider excavating to expose outgoing pipe to continue/complete survey



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