

CCTV Inspection Report





Project Information

Job Number
Post Repair Check

Surveyed by (Operator)
BILLY LINK

Base Unit
2VFCPF2N7E

Date
23/06/2025

Client Details:

iPaul Harvey

Site Details:

Back To Fitness
270A London Road
Waterlooville
PO7 7HG

Contractor Details:

Pure Flow Water Drainage

Office Contact Number: 07553 272895

Purpose of Survey:

A CCTV drainage survey was carried out to ascertain the condition of the existing drainage system and to produce an accurate drawing showing the layout and location of the drainage runs.

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Report Contents

Page 30 Grade Defect Descriptions

23 June 2025

Dear Customer,

Findings:

- **IC1 upstream SVP1:**
A build-up of scale was observed within the line.
- **IC1 upstream SVP2:**
No defects or issues identified; line is in satisfactory condition.
- **IC1 upstream GY2:**
A crack was observed at **0.23m**.
Build-up of scale noted from **0.31m**, causing the survey to be **abandoned at 2.19m** due to obstruction.
- **IC1 upstream GY3:**
No defects or issues identified; line is in satisfactory condition.
- **IC1 upstream (Unknown):**
Heavy build-up of scale throughout the line.
Survey **abandoned at 1.6m** due to blockage caused by scale.
- **IC1 downstream IC2:**
Build-up of scale observed within the line.
- **IC2 to IC3:**
Unable to complete survey due to the line being **blocked**.
- **IC3 downstream Connection:**
No defects or issues identified; line is in satisfactory condition.
- **IC3 downstream SVP4:**
No defects or issues identified; line is in satisfactory condition.
- **IC3 upstream RWDP:**
No defects or issues identified; line is in satisfactory condition.

- **IC3 upstream GY4 (Redundant):**
Build-up of **silt** observed within the line.
- **Connection downstream Manhole:**
Heavy build-up of **scale throughout** the line.
The main **150mm pipe** has been marked up at **14m** and **20m** (see attached drawing for reference).

We trust the above is to your satisfaction. If however you have any queries, please do not hesitate to contact us.

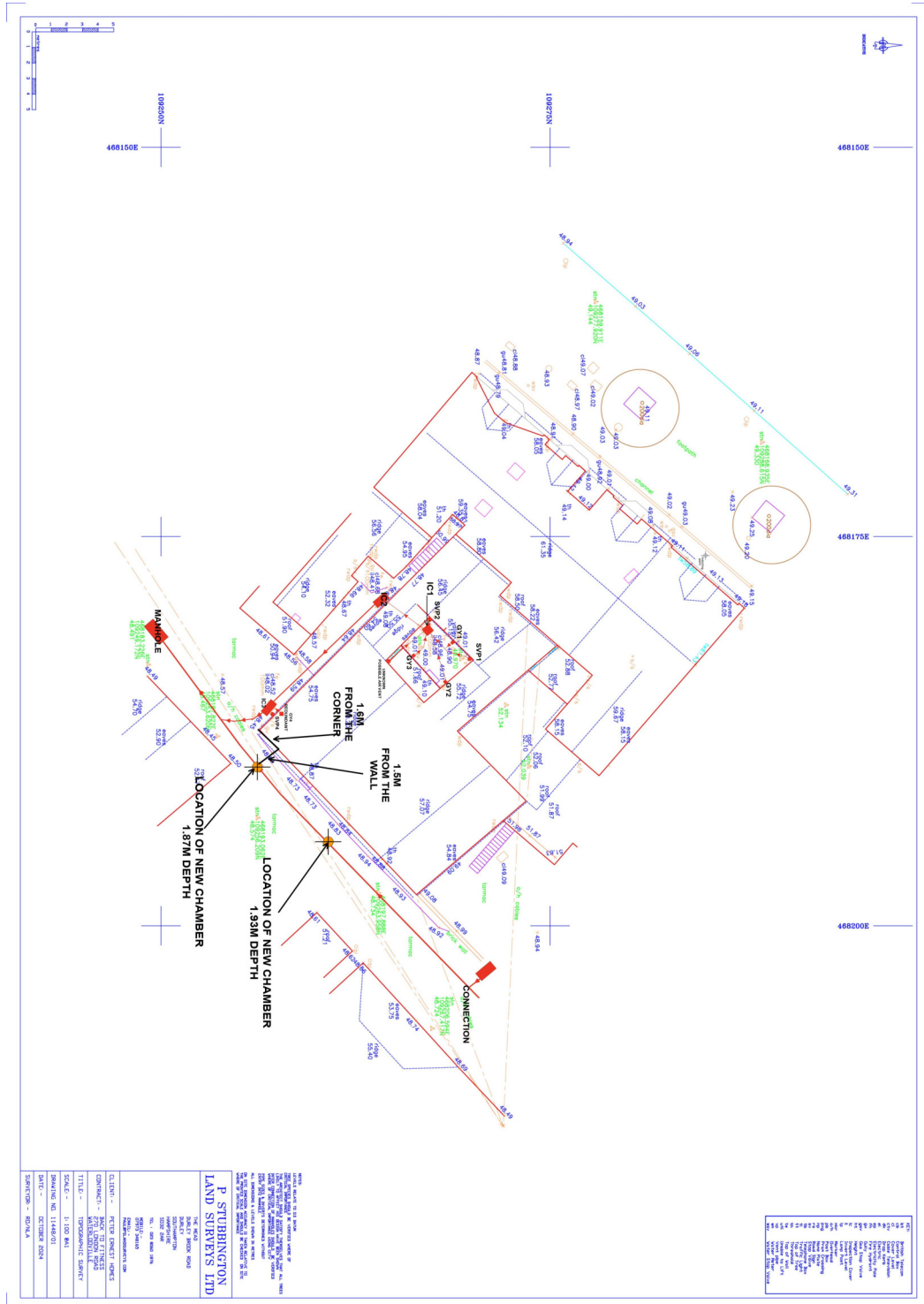
Kind Regards,

Pure Flow Water Drainage

Site Drawings/Photos

Job Number Post Repair Check	Surveyed by (Operator) BILLY LINK	Base Unit 2VFCPF2N7E	Date 23/06/2025
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This sketch is not to scale and does not represent the exact routing of the drainage system



Key		Manhole/Inspection Chamber		Gully
Blue = Surface Water		Drainage Line		Stack
Red = Foul Water		Presumed/Unsurveyed Line		Rainwater Downpipe
Brown = Combined				
Orange = Main Sewer				

Site Photos

Job Number Post Repair Check	Surveyed by (Operator) BILLY LINK	Base Unit 2VFCPF2N7E	Date 10/10/2025
			
Manhole / Access Point: IC1 Internal		Manhole / Access Point: IC1 Location	
			
Manhole / Access Point: IC2 Internal		Manhole / Access Point: IC2 Location	
			
Manhole / Access Point: IC3 Internal		Manhole / Access Point: IC3 Location	

Report Summary

Job Number
Post Repair Check

Surveyed by (Operator)
BILLY LINK

Base Unit
2VFCPF2N7E

Date
23/06/2025

Job Information

Total Distance Surveyed: **55.09 metres**
Engineer: **BILLY LINK**
Number of Surveys: **11**
Number of Surveys grade 4 or above: **0**

Job Comments

The purpose of this survey was to: Identify any structural defects, blockages, or obstructions within the drainage network. Assess the overall serviceability and condition of the system. Provide recommendations for remedial works where required. Update or verify existing drainage layout information through as-built survey drawings.

Section 1 Overview (10/10/2025)

Manholes: **IC1 to SVP1**
Pipe Length: **3.81 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Recommend a descale.

Section 2 Overview (10/10/2025)

Manholes: **IC1 to SVP2**
Pipe Length: **0.6 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

No recommendation required.

Section 3 Overview (10/10/2025)

Manholes: **IC1 to GY2**
Pipe Length: **4 metres**
Structural Grade: **2**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Recommend a descale and further investigation.

Section 4 Overview (10/10/2025)

Manholes: **IC1 to GY3**
Pipe Length: **1.77 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

No recommendation required.

Section 5 Overview (10/10/2025)

Manholes: **IC1 to UNKNOWN.**
Pipe Length: **7 metres**
Structural Grade: **0**
Service Grade: **4**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use:

Recommend a descale and further investigation.

Report Summary

Job Number
Post Repair Check

Surveyed by (Operator)
BILLY LINK

Base Unit
2VFCPF2N7E

Date
23/06/2025

Section 6 Overview (10/10/2025)

Manholes: **IC1 to IC2**
Pipe Length: **3.02 metres**
Structural Grade: **0**
Service Grade: **2**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Combined**

Recommend a descale.

Section 7 Overview (10/10/2025)

Manholes: **IC3 to CONNECTION**
Pipe Length: **2.81 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Combined**

No recommendation required.

Section 8 Overview (10/10/2025)

Manholes: **IC3 to SVP**
Pipe Length: **0.33 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Surface water**

No recommendation required.

Section 9 Overview (10/10/2025)

Manholes: **IC3 to RWGY**
Pipe Length: **0.52 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Surface water**

No issues found.

Section 10 Overview (10/10/2025)

Manholes: **IC3 to GY4**
REDUNDANT
Pipe Length: **0.96 metres**
Structural Grade: **0**
Service Grade: **3**
Material: **Vitrified clay**
Pipe Size: **100mm**
Use: **Foul**

Redundant gully, recommend a line clean.

Section 11 Overview (10/10/2025)

Manholes: **CONNECTION to**
MANHOLE
Pipe Length: **30.27 metres**
Structural Grade: **0**
Service Grade: **2**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Foul**

No recommendation required.

CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) SVP1	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 2VFCPF2N7E	Section Number 1
Road iTouch Place Location		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node IC1 End Node SVP1 Total length 3.81 metres	
Scale 1:0.20 Direction Upstream				

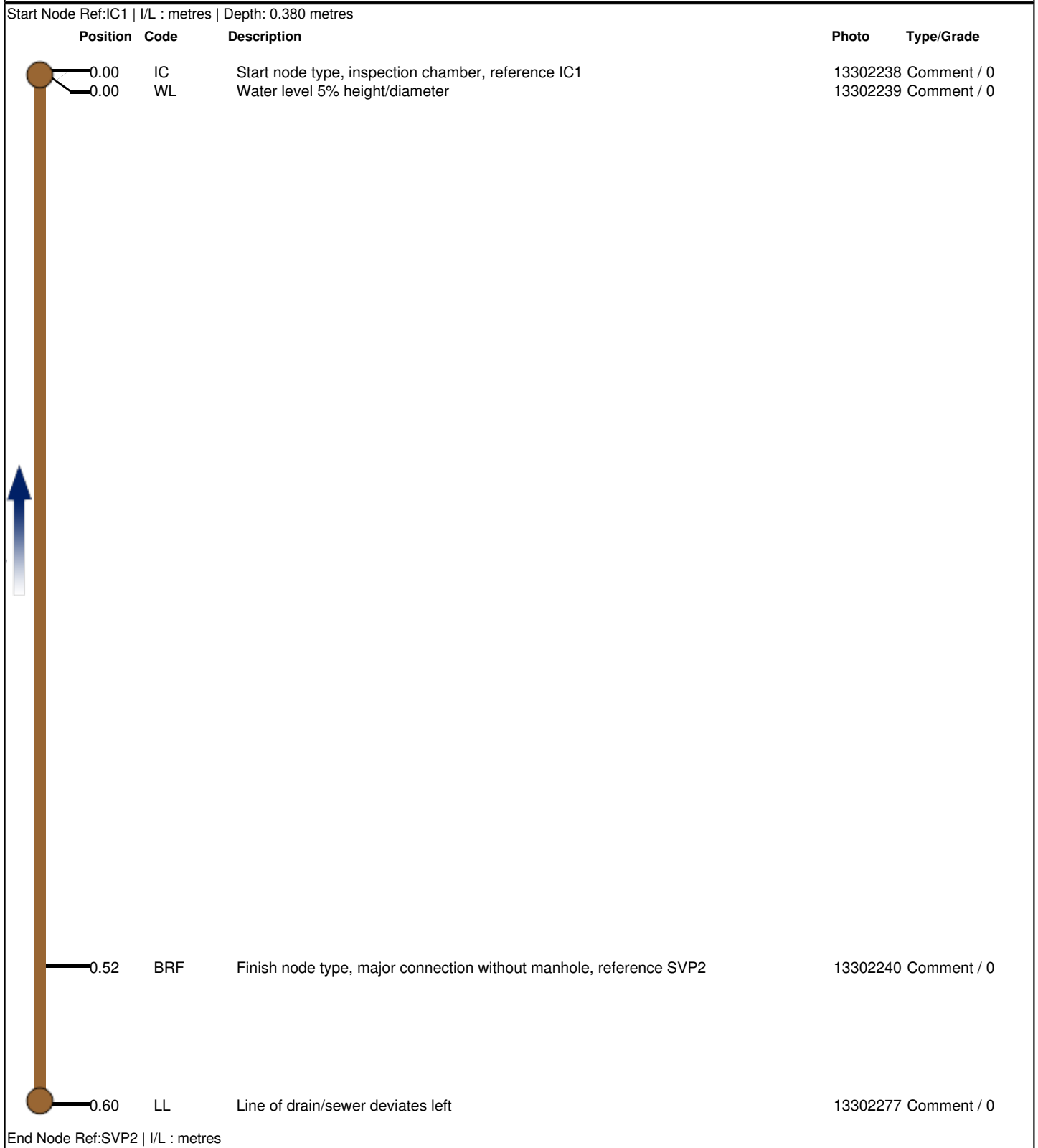
Start Node Ref:IC1 I/L : metres Depth: 0.380 metres				
Position	Code	Description	Photo	Type/Grade
0.00	IC	Start node type, inspection chamber, reference IC1	13302234	Comment / 0
	WL	Water level 5% height/diameter	13302235	Comment / 0
0.77	LR	Line of drain/sewer deviates right	13302273	Comment / 0
1.63	JN	Junction at 9 o'clock, diameter 100mm - Remark: GULLY	13302236	Comment / 0
1.67	LL	Line of drain/sewer deviates left	13302274	Comment / 0
1.67	DEC (S1)	Settled deposits hard or compacted 10% cross-sectional area loss, Start	13302275	Service / 3
2.79	DEC (F1)	Settled deposits hard or compacted 10% cross-sectional area loss, Finished	13302276	Service / 3
3.81	BRF	Finish node type, major connection without manhole, reference SVP1	13302237	Comment / 0
End Node Ref:SVP1 I/L : metres				

CCTV Inspection Photos

Job Number Post Repair Check	Surveyed by (Operator) BILLY LINK	Base Unit 2VFCPF2N7E	Date 10/10/2025
 <p>From: IC1 / To: SVP1 Size: 100</p> <p style="text-align: right;">1.67 M</p> <p>Settled deposits hard or compacted 10% cross-sectional area loss, Start</p>		 <p>From: IC1 / To: SVP1 Size: 100</p> <p style="text-align: right;">2.79 M</p> <p>Settled deposits hard or compacted 10% cross-sectional area loss, Finished</p>	

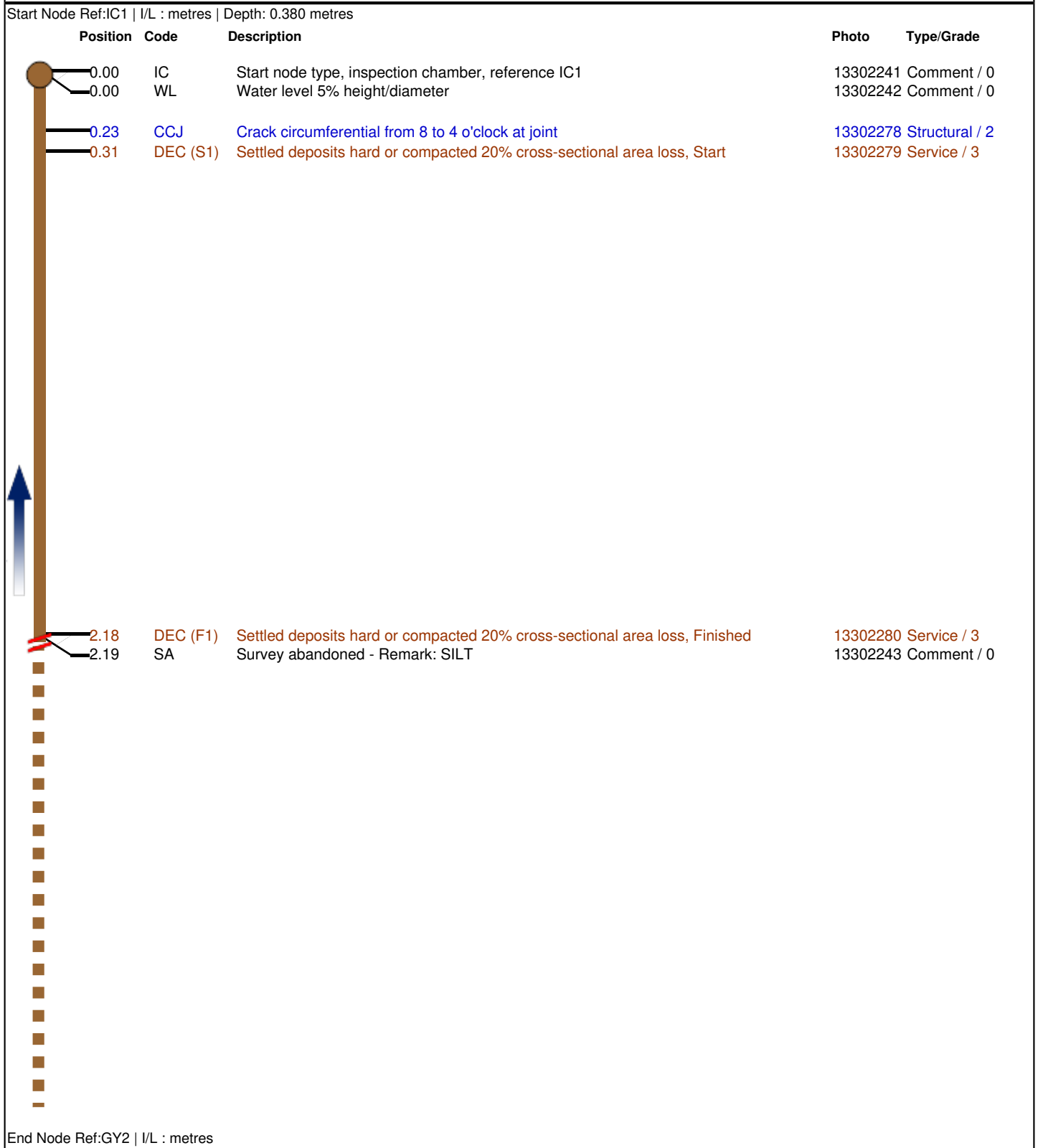
CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) SVP2	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 2VFCPF2N7E	Section Number 2
Road iTouch Place Location		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node IC1 End Node SVP2 Total length 0.6 metres	
Scale 1:0.03 Direction Upstream				



CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) GY2	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 3/2	Base Unit 2VFCPF2N7E	Section Number 3
Road iTouch Place Location		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node IC1 End Node GY2 Total length 4 metres	
Scale 1:0.21 Direction Upstream				



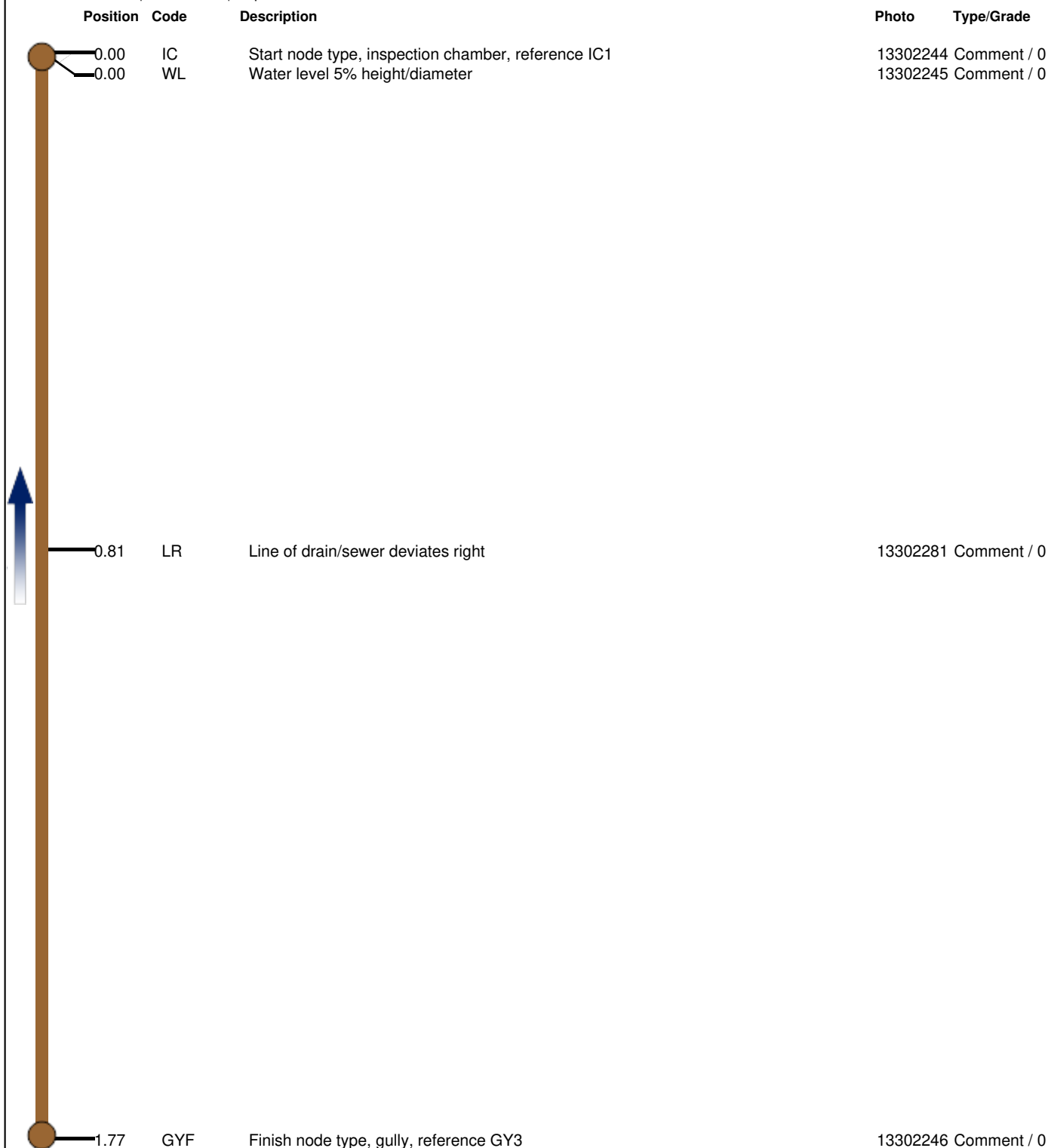
CCTV Inspection Photos

Job Number Post Repair Check	Surveyed by (Operator) BILLY LINK	Base Unit 2VFCPF2N7E	Date 10/10/2025
<div> <div> From: IC1 / To: GY2 Size: 100 </div>  0.23 M </div> <div>Crack circumferential from 8 to 4 o'clock at joint</div>			
<div> <div> From: IC1 / To: GY2 Size: 100 </div>  0.31 M </div> <div>Settled deposits hard or compacted 20% cross-sectional area loss, Start</div>			
<div> <div> From: IC1 / To: GY2 Size: 100 </div>  2.19 M </div> <div>Settled deposits hard or compacted 20% cross-sectional area loss, Finished</div>			
<div> <div> From: IC1 / To: GY2 Size: 100 </div>  2.19 M </div> <div>Survey abandoned - Remark: SILT</div>			

CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) GY3	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 2VFCPF2N7E	Section Number 4
Road iTouch Place Location		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node IC1 End Node GY3 Total length 1.77 metres	
Scale 1:0.09 Direction Upstream				

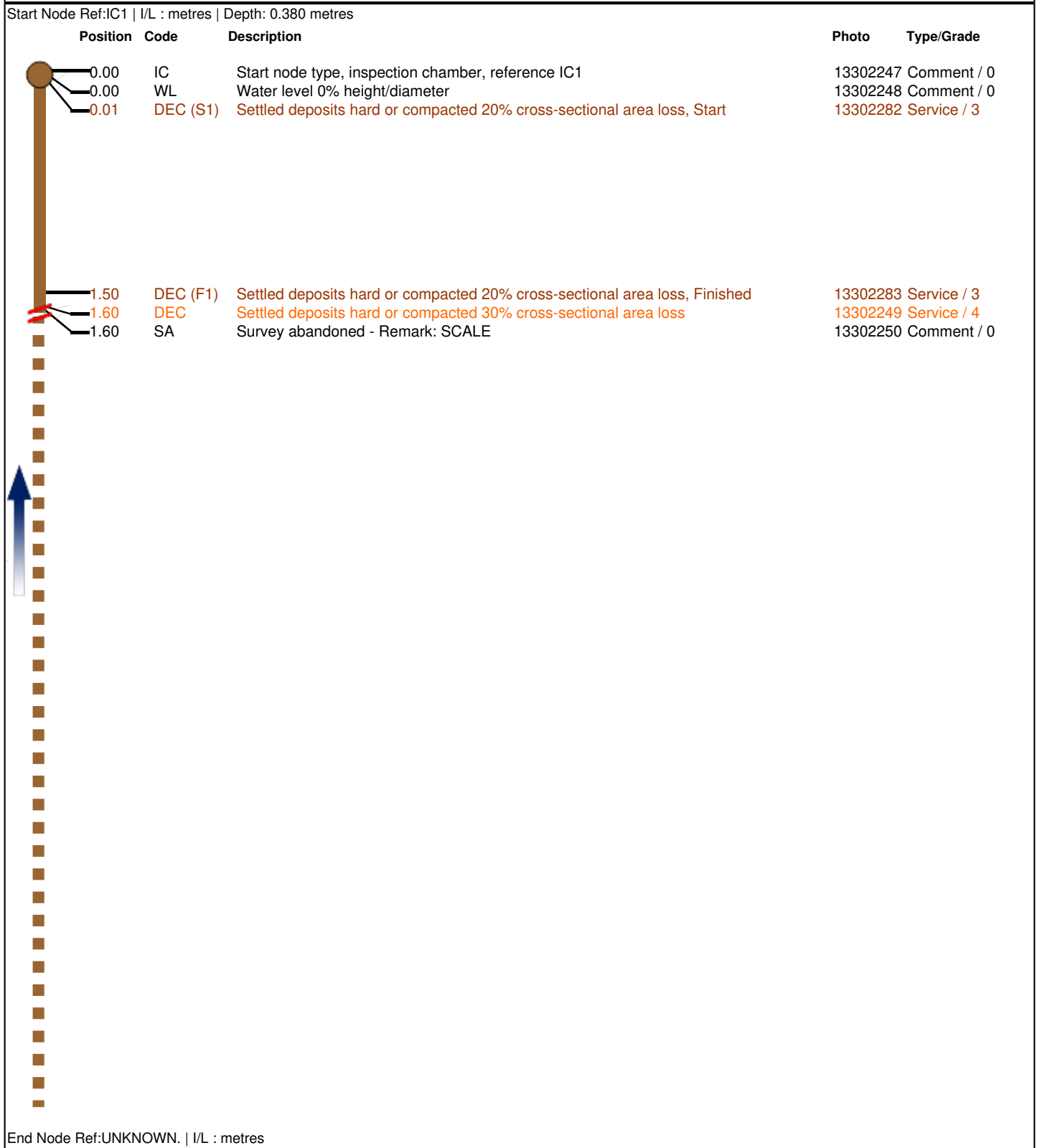
Start Node Ref:IC1 | I/L : metres | Depth: 0.380 metres



End Node Ref:GY3 | I/L : metres

CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) UNKNOWN.	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 4/0	Base Unit 2VFCPF2N7E	Section Number 5
Road iTouch Place Location		Division District Location Details		
Purpose Duty Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node IC1 End Node UNKNOWN. Total length 7 metres	
Scale 1:0.37 Direction Upstream				

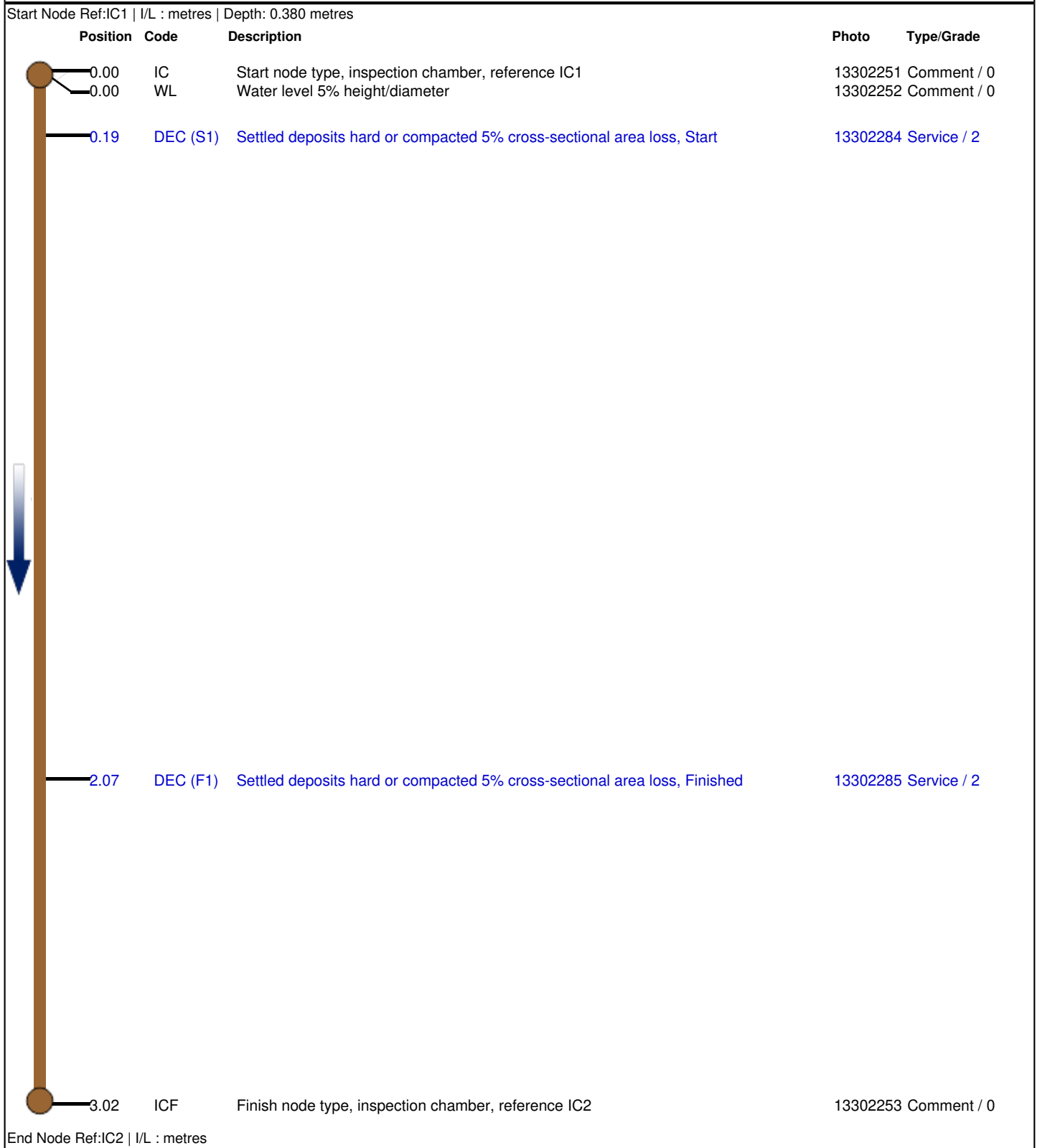


CCTV Inspection Photos

Job Number Post Repair Check	Surveyed by (Operator) BILLY LINK	Base Unit 2VFCPF2N7E	Date 10/10/2025
<div> <div> From: IC1 / To: UNKNOWN. Size: 100 </div>  0.00 M </div> <div>Settled deposits hard or compacted 20% cross-sectional area loss, Start</div>			
<div> <div> From: IC1 / To: UNKNOWN. Size: 100 </div>  1.50 M </div> <div>Settled deposits hard or compacted 20% cross-sectional area loss, Finished</div>			
<div> <div> From: IC1 / To: UNKNOWN. Size: 100 </div>  1.60 M </div> <div>Settled deposits hard or compacted 30% cross-sectional area loss</div>			
<div> <div> From: IC1 / To: UNKNOWN. Size: 100 </div>  1.60 M </div> <div>Survey abandoned - Remark: SCALE</div>			

CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) IC1	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 2/0	Base Unit 2VFCPF2N7E	Section Number 6
Road iTouch Place Location			Division District Location Details	
Purpose Duty Combined Catchment		Shape/Size 100mm Material Vitrified clay Category	Start Node IC1 End Node IC2 Total length 3.02 metres	
Scale 1:0.16 Direction Downstream				

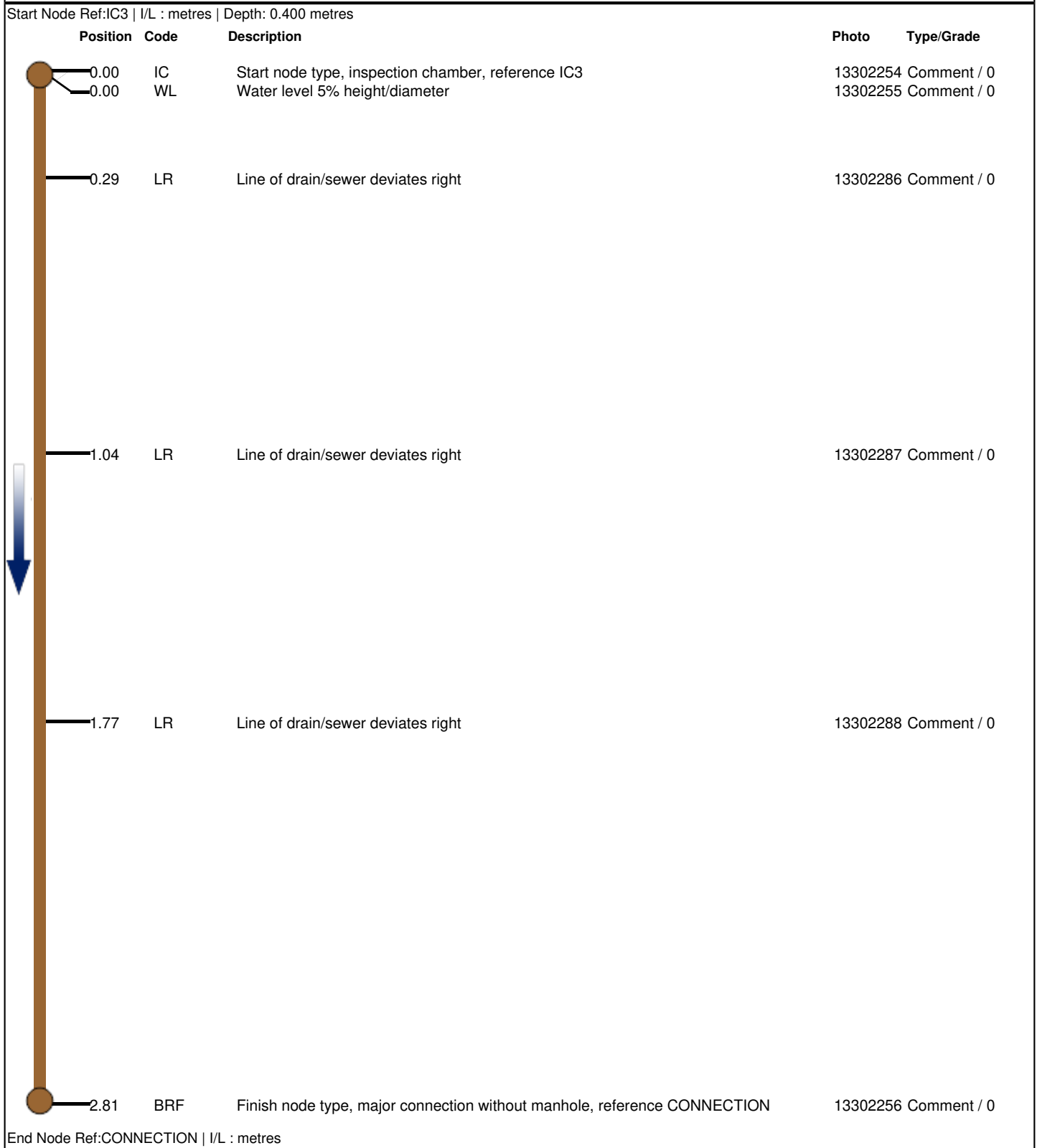


CCTV Inspection Photos

Job Number Post Repair Check	Surveyed by (Operator) BILLY LINK	Base Unit 2VFCPF2N7E	Date 10/10/2025
<div> <div>From: IC1 / To: IC2 Size: 100</div>  <div>0.19 M</div> </div> <div>Settled deposits hard or compacted 5% cross-sectional area loss, Start</div>		<div> <div>From: IC1 / To: IC2 Size: 100</div>  <div>2.71 M</div> </div> <div>Settled deposits hard or compacted 5% cross-sectional area loss, Finished</div>	

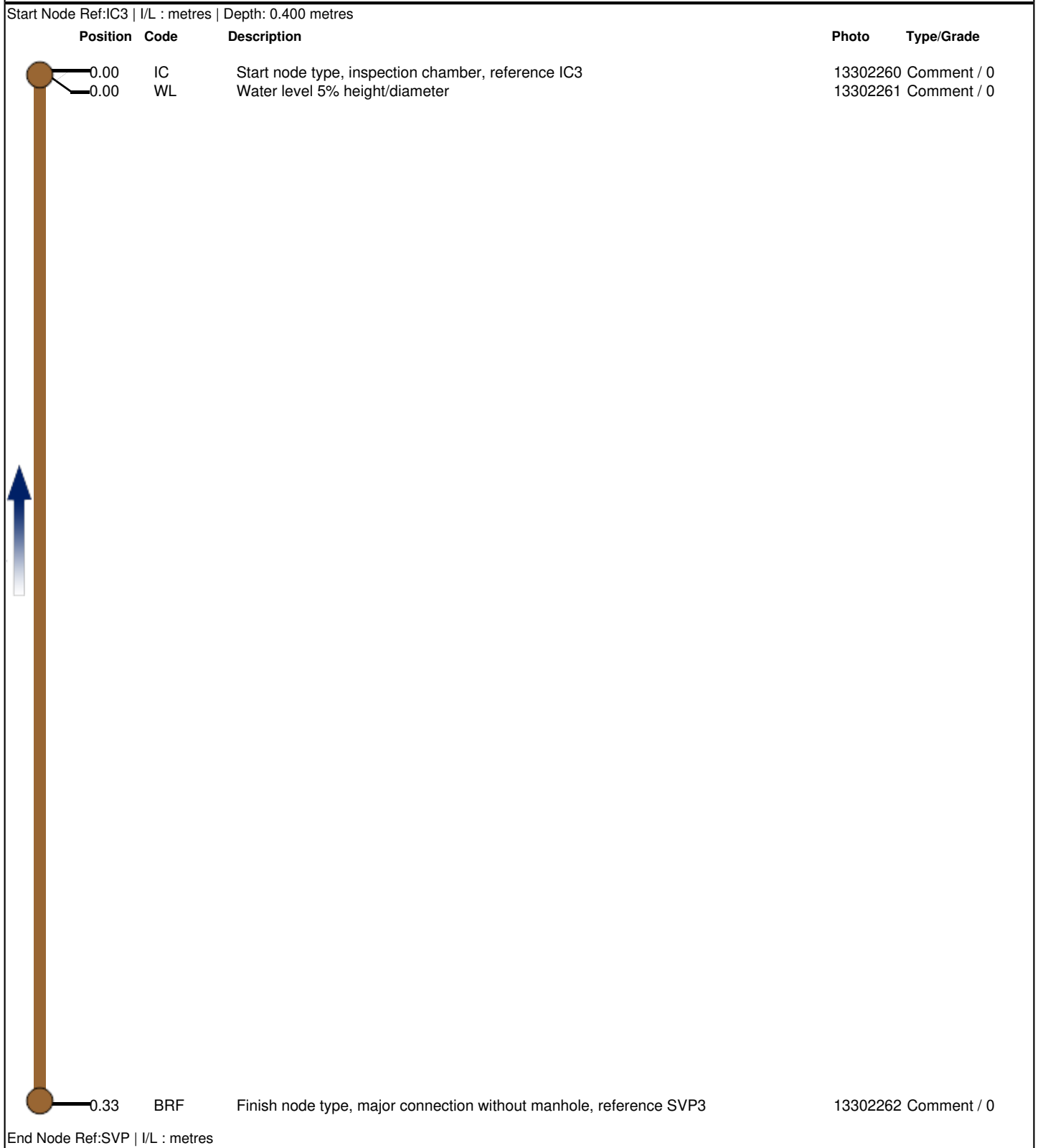
CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) IC3	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 2VFCPF2N7E	Section Number 7
Road iTouch Place Location		Division District Location Details		
Purpose Duty Combined Catchment		Shape/Size 100mm Material Vitrified clay Category	Start Node IC3 End Node CONNECTION Total length 2.81 metres	
Scale 1:0.15 Direction Downstream				



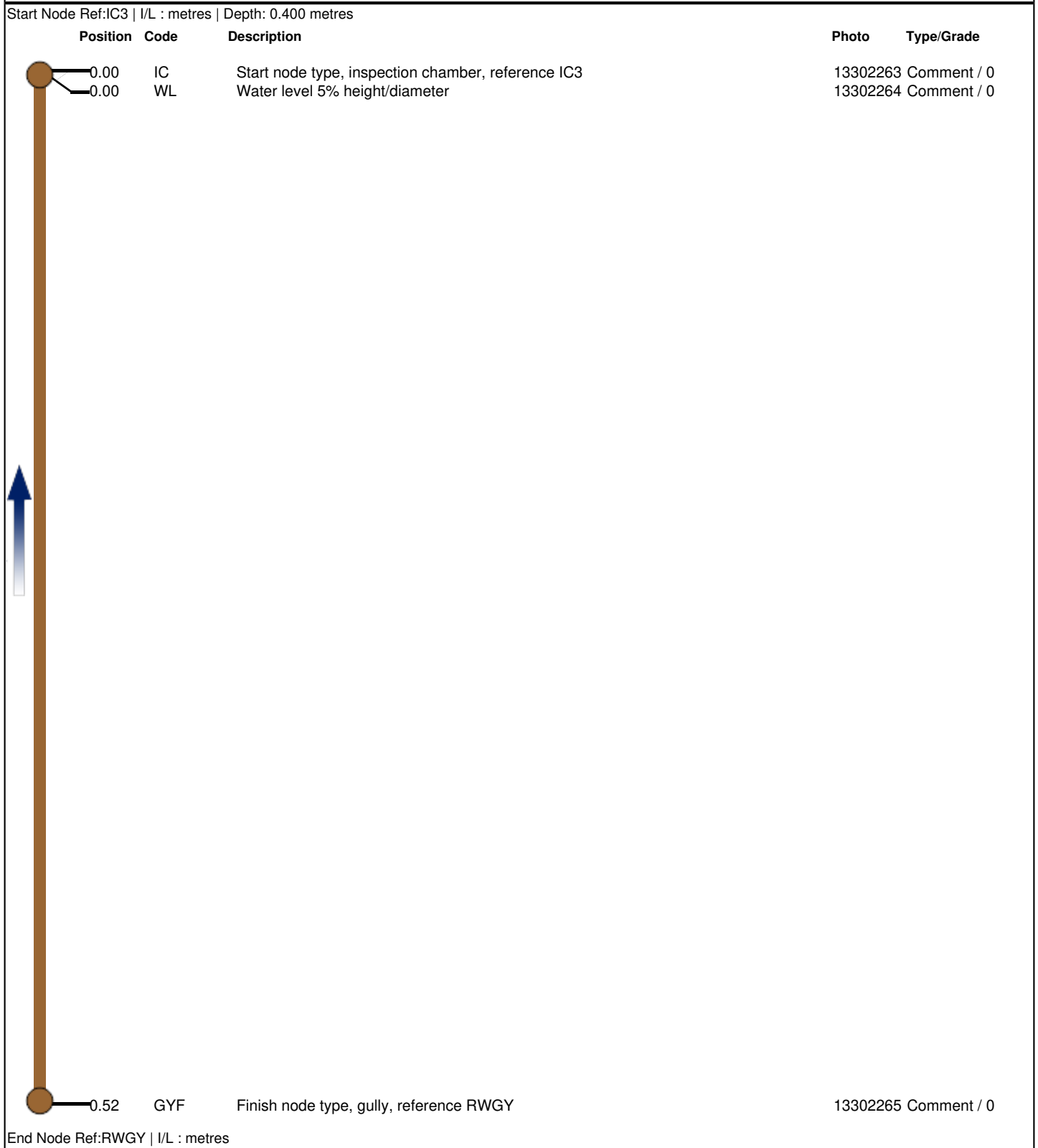
CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) SVP	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 2VFCPF2N7E	Section Number 8
Road iTouch Place Location		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node IC3 End Node SVP Total length 0.33 metres	
Scale 1:0.02 Direction Upstream				



CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) RWGY	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 2VFCPF2N7E	Section Number 9
Road iTouch Place Location		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node IC3 End Node RWGY Total length 0.52 metres	
Scale 1:0.03 Direction Upstream				

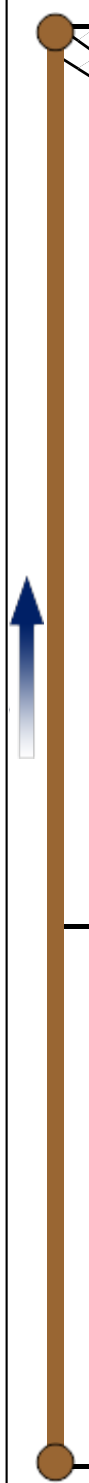


CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) GY4 REDUND	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 3/0	Base Unit 2VFCPF2N7E	Section Number 10
Road iTouch Place Location		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Vitrified clay Category		Start Node IC3 End Node GY4 REDUNDANT Total length 0.96 metres	

Scale **1:0.05**
Direction **Upstream**

Start Node Ref:IC3 | I/L : metres | Depth: 0.400 metres

Position	Code	Description	Photo	Type/Grade
	0.00	IC	Start node type, inspection chamber, reference IC3	13302266 Comment / 0
	0.00	WL	Water level 0% height/diameter	13302267 Comment / 0
	0.02	DES (S1)	Settled deposits fine 20% cross-sectional area loss, Start	13302289 Service / 3
	0.60	DES (F1)	Settled deposits fine 20% cross-sectional area loss, Finished	13302290 Service / 3
	0.96	GYF	Finish node type, gully, reference GY4 REDUNDANT	13302268 Comment / 0

End Node Ref:GY4 REDUNDANT | I/L : metres

CCTV Inspection Photos

Job Number Post Repair Check	Surveyed by (Operator) BILLY LINK	Base Unit 2VFCPF2N7E	Date 10/10/2025
 <p>From: IC3 / To: GY4 REDUNDANT Size: 100</p> <p>0.02 M</p> <p>Settled deposits fine 20% cross-sectional area loss, Start</p>		 <p>From: IC3 / To: GY4 REDUNDANT Size: 100</p> <p>0.60 M</p> <p>Settled deposits fine 20% cross-sectional area loss, Finished</p>	

CCTV Inspection Report

Surveyed by (Operator) BILLY LINK	Job Number Post Repair Check	Pipe Length Reference(PLR) CONNECTION	Date 10/10/2025	Pre Cleaned Not Cleaned
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 2/0	Base Unit 2VFCPF2N7E	Section Number 11

Road iTouch Place Location	Division District Location Details
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Purpose Duty Foul Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node CONNECTION End Node MANHOLE Total length 30.27 metres
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Scale 1:1.59 Direction Downstream
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Start Node Ref:CONNECTION I/L : metres					Photo	Type/Grade
Position	Code	Description				
0.00	SN	Start node type: Connection			13302269	Comment / 0
0.00	WL	Water level 5% height/diameter			13302270	Comment / 0
0.75	DEC (S1)	Settled deposits hard or compacted 5% cross-sectional area loss, Start			13302291	Service / 2
1.62	JN	Junction at 2 o'clock, diameter 100mm			13302292	Comment / 0
3.02	WL	Water level 30% height/diameter			13302293	Comment / 0
3.38	CUW (S2)	Loss of vision, camera under water, Start			13302294	Comment / 0
6.96	CUW (F2)	Loss of vision, camera under water, Finished			13302295	Comment / 0
8.75	WL (S3)	Water level 5% height/diameter, Start			13302296	Comment / 0
19.50	JN	Junction at 12 o'clock, diameter 150mm			13302297	Comment / 0
20.63	LR	Line of drain/sewer deviates right			13302298	Comment / 0
21.60	LR	Line of drain/sewer deviates right			13302299	Comment / 0
22.77	JN	Junction at 2 o'clock, diameter 100mm			13302300	Comment / 0
24.85	JN	Junction at 2 o'clock, diameter 100mm			13302301	Comment / 0
29.19	JN	Junction at 12 o'clock, diameter 100mm			13302302	Comment / 0
29.19	WL	Water level 30% height/diameter			13302303	Comment / 0
29.19	WL (F3)	Water level 5% height/diameter, Finished			13302304	Comment / 0
30.04	DEC (F1)	Settled deposits hard or compacted 5% cross-sectional area loss, Finished			13302305	Service / 2
30.27	MHF	Finish node type, manhole, reference MANHOLE			13302271	Comment / 0
End Node Ref:MANHOLE I/L : metres						

CCTV Inspection Photos

Job Number Post Repair Check	Surveyed by (Operator) BILLY LINK	Base Unit 2VFCPF2N7E	Date 10/10/2025
 <p>From: CONNECTION / To: MANHOLE Size: 150</p> <p>0.75 M</p> <p>Settled deposits hard or compacted 5% cross-sectional area loss, Start</p>		 <p>From: CONNECTION / To: MANHOLE Size: 150</p> <p>30.04 M</p> <p>Settled deposits hard or compacted 5% cross-sectional area loss, Finished</p>	

Structural Defects (SRM 4)

Job Number Post Repair Check				Surveyed by (Operator) BILLY LINK		Base Unit 2VFCPF2N7E			Date 23/06/2025				
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	SVP1	U	F	100	10/10/2025	Vitrified clay	3.81 metres	3.81		0	1	0	0
2	SVP2	U	F	100	10/10/2025	Vitrified clay	0.6 metres	0.6		0	1	0	0
3	GY2	U	F	100	10/10/2025	Vitrified clay	4 metres	2.19		10	2	4.57	10
4	GY3	U	F	100	10/10/2025	Vitrified clay	1.77 metres	1.77		0	1	0	0
5	UNKNOWN.	U	X	100	10/10/2025	Vitrified clay	7 metres	1.6		0	1	0	0
6	IC1	D	C	100	10/10/2025	Vitrified clay	3.02 metres	3.02		0	1	0	0
7	IC3	D	C	100	10/10/2025	Vitrified clay	2.81 metres	2.81		0	1	0	0
8	SVP	U	S	100	10/10/2025	Vitrified clay	0.33 metres	0.33		0	1	0	0
9	RWGY	U	S	100	10/10/2025	Vitrified clay	0.52 metres	0.52		0	1	0	0
10	GY4 REDUND	U	F	100	10/10/2025	Vitrified clay	0.96 metres	0.96		0	1	0	0
11	CONNECTION	D	F	150	10/10/2025	Vitrified clay	30.27 metres	30.27		0	1	0	0

Service Defects (SRM 4)

Job Number Post Repair Check				Surveyed by (Operator) BILLY LINK		Base Unit 2VFCPF2N7E			Date 23/06/2025				
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	SVP1	U	F	100	10/10/2025	Vitrified clay	3.81 metres	3.81		2	3	1.05	4
2	SVP2	U	F	100	10/10/2025	Vitrified clay	0.6 metres	0.6		0	1	0	0
3	GY2	U	F	100	10/10/2025	Vitrified clay	4 metres	2.19		2	3	1.83	4
4	GY3	U	F	100	10/10/2025	Vitrified clay	1.77 metres	1.77		0	1	0	0
5	UNKNOWN.	U	X	100	10/10/2025	Vitrified clay	7 metres	1.6		5	4	5.63	9
6	IC1	D	C	100	10/10/2025	Vitrified clay	3.02 metres	3.02		1	2	0.66	2
7	IC3	D	C	100	10/10/2025	Vitrified clay	2.81 metres	2.81		0	1	0	0
8	SVP	U	S	100	10/10/2025	Vitrified clay	0.33 metres	0.33		0	1	0	0
9	RWGY	U	S	100	10/10/2025	Vitrified clay	0.52 metres	0.52		0	1	0	0
10	GY4 REDUND	U	F	100	10/10/2025	Vitrified clay	0.96 metres	0.96		2	3	4.17	4
11	CONNECTION	D	F	150	10/10/2025	Vitrified clay	30.27 metres	30.27		1	2	0.07	2

Defect Grade Descriptions

Job Number Post Repair Check	Surveyed by (Operator) BILLY LINK	Base Unit 2VFCPF2N7E	Date 23/06/2025
<p>1: Occurences without damage. For example, laterals, joints,etc.</p> <p>NO DEFECTS WERE DETECTED.</p>			
<p>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.</p> <p>REHABILITATION CAN BE SCHEDULED LONG-TERM.</p>			
<p>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.</p> <p>REHABILITATION IS NECESSARY MEDIUM-TERM WITHIN 3 TO 5 YEARS.</p>			
<p>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.</p> <p>REHABILITATION PROCEDURE IS URGENT AND HAS TO BE COMPLETED WITHIN 1 TO 2 YEARS. NECESSITY FOR EMERGENCY OPERATIONS HAS TO BE EXAMINED.</p>			
<p>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.</p> <p>REHABILITATION IS URGENT AND SHORT-TERM. IN ORDER TO PREVENT FURTHER DAMAGE, NECESSARY TEMPORARY SPOT REPAIR HAS TO BE CONDUCTED ON EMERGENCY LEVEL.</p>			