



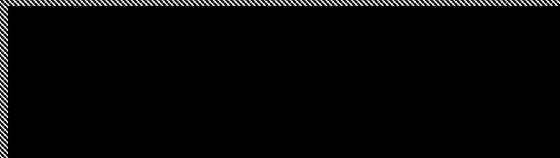
CCTV Inspection Report

**UNIT 2
Saltbox
Shripney Way
Bognor Regis
PO22 9NW**

03/06/2021

Job Number: 432

Drainflow Ltd, 5 Pulloxhill Road, Greenfield, Bedfordshire, MK45 5ES



Job Number
432Surveyed by (Operator)
Luke ClaytonBase Unit
8J5R2AEYKLDate
03/06/2021**Client Details:**

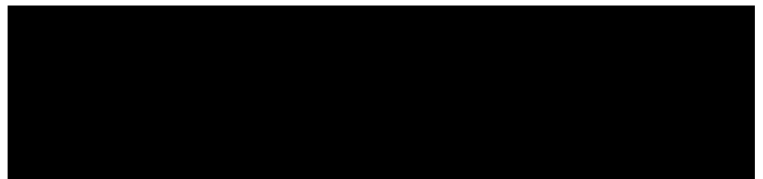
Ad bly Construction Ltd
Nup End Farm
Old Knebworth
Herts
SG3 6QJ.

Site Details:

UNIT 2
Saltbox
Shripney Way
Bognor Regis
PO22 9NW

Contractor Details:

Drainflow Ltd
5 Pulloxhill Road
Greenfield
Bedford
Bedfordshire
MK45 5ES

**Purpose of Survey:**

UNIT 2 FOUL DRAIN RUNS

Job Number 432	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 03/06/2021
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Job Number
432

Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

Date
03/06/2021

Job Information

Total Distance Surveyed: **54.22 metres**
Engineer: **Luke Clayton**
Number of Surveys: **9**
Number of Surveys grade 4 or above: **0**

Section 1 Overview (03/06/2021)

Manholes: **FW-200 to 01**
Pipe Length: **6.57 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyethylene**
Pipe Size: **100mm**
Use: **Foul**

DRAIN RUN OK

Section 2 Overview (03/06/2021)

Manholes: **FW-200 to 01**
Pipe Length: **5.74 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyethylene**
Pipe Size: **100mm**
Use: **Foul**

DRAIN RUN OK

Section 3 Overview (03/06/2021)

Manholes: **FW-200 to FW-201**
Pipe Length: **28.86 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyethylene**
Pipe Size: **100mm**
Use: **Foul**

DRAIN RUN OK

Section 4 Overview (03/06/2021)

Manholes: **FW-200/01 to 01**
Pipe Length: **2.86 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyethylene**
Pipe Size: **100mm**
Use: **Foul**

DRAIN RUN OK

Section 5 Overview (03/06/2021)

Manholes: **FW-200/01 to 01**
Pipe Length: **0.76 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyethylene**
Pipe Size: **100mm**
Use: **Foul**

DRAIN RUN OK

Job Number
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Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

Date
03/06/2021

Section 6 Overview (03/06/2021)

Manholes: **FW-200/01 to MAINLINE**
Pipe Length: **0.19 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyethylene**
Pipe Size: **100mm**
Use: **Foul**

DRAIN RUN OK

Section 7 Overview (03/06/2021)

Manholes: **FW-200/02 to 01**
Pipe Length: **0.17 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyethylene**
Pipe Size: **100mm**
Use: **Foul**

DRAIN RUN OK

Section 8 Overview (03/06/2021)

Manholes: **FW-200/02 to MAINLINE**
Pipe Length: **0.52 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyethylene**
Pipe Size: **100mm**
Use: **Foul**

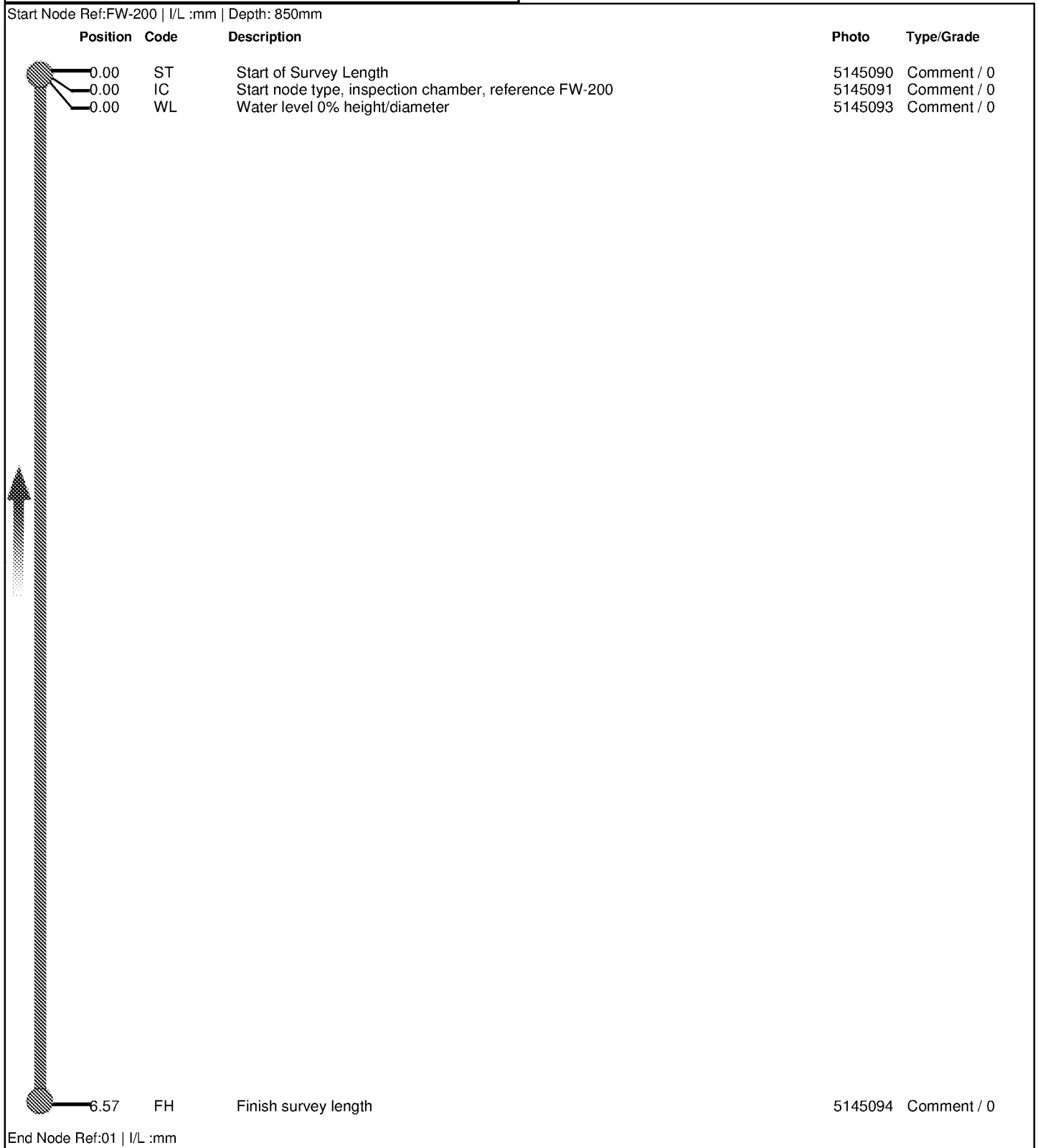
DRAIN RUN OK

Section 9 Overview (03/06/2021)

Manholes: **FW-205 to HICAP CHANNEL**
Pipe Length: **8.55 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polyethylene**
Pipe Size: **100mm**
Use: **Foul**

DRAIN RUN OK

Surveyed by (Operator) Luke Clayton	Job Number 432	Pipe Length Reference(PLR) 01 X	Date 03/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 1
Road UNIT 2 Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyethylene Category	Start Node FW-200 End Node 01 Total length 6.57 metres		
Scale 1:0.31 Direction Upstream				

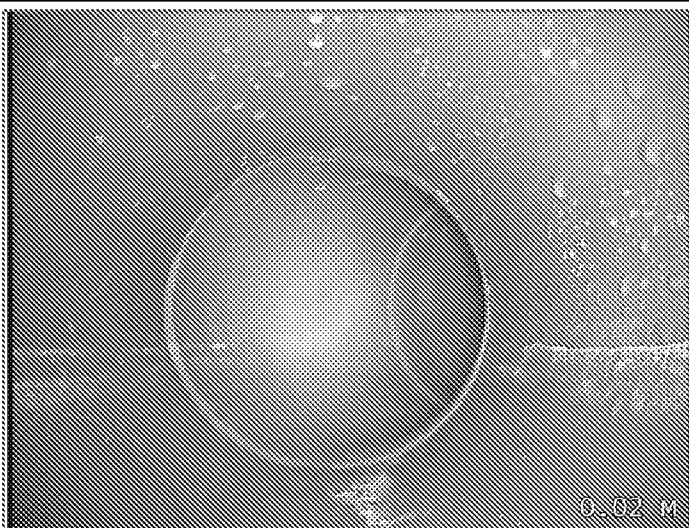


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Luke Clayton

Base Unit
8J5R2AEYKL

Date
03/06/2021



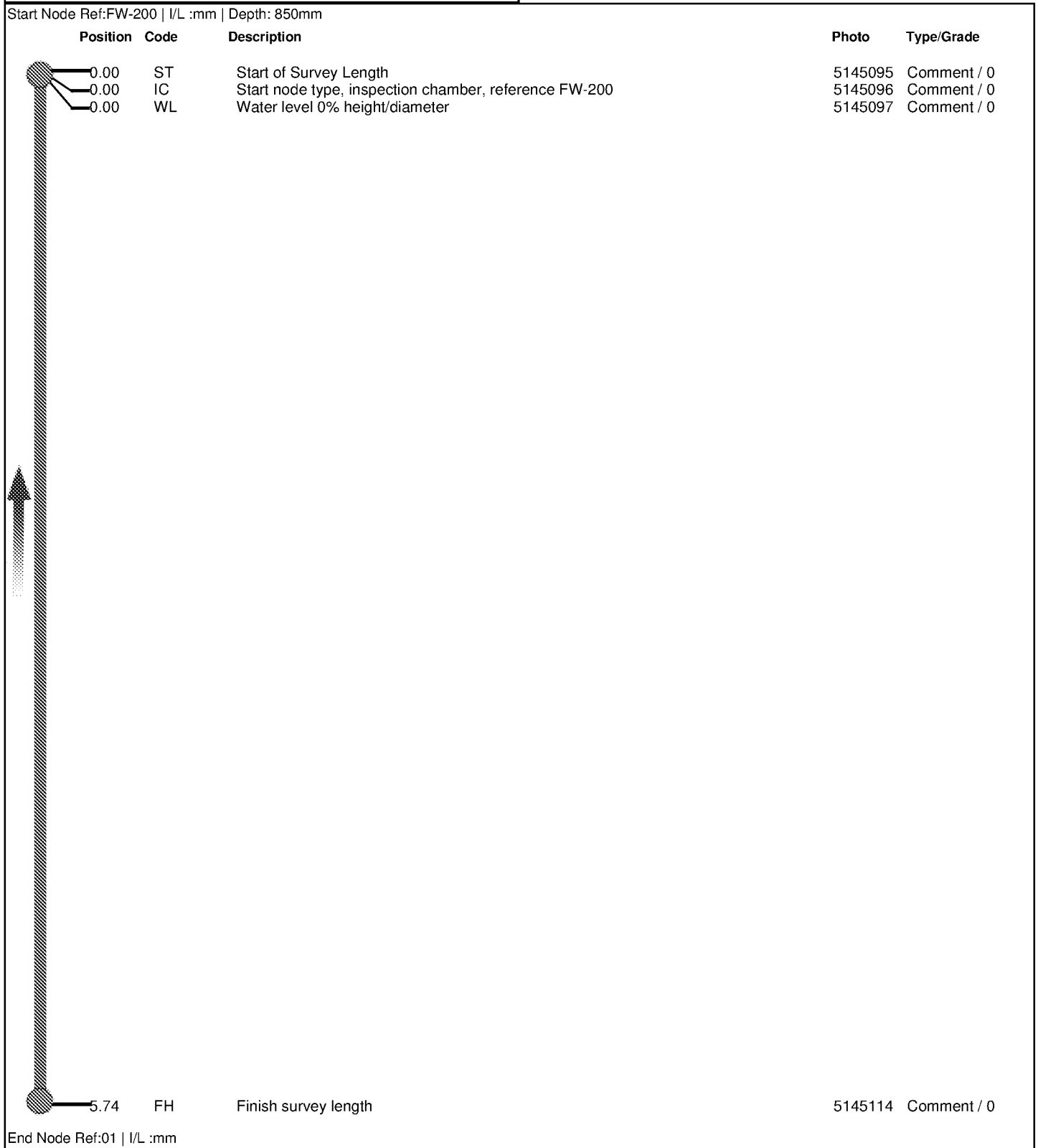
Start of Survey Length, Start node type, inspection chamber, reference
FW-200, Water level 0% height/diameter

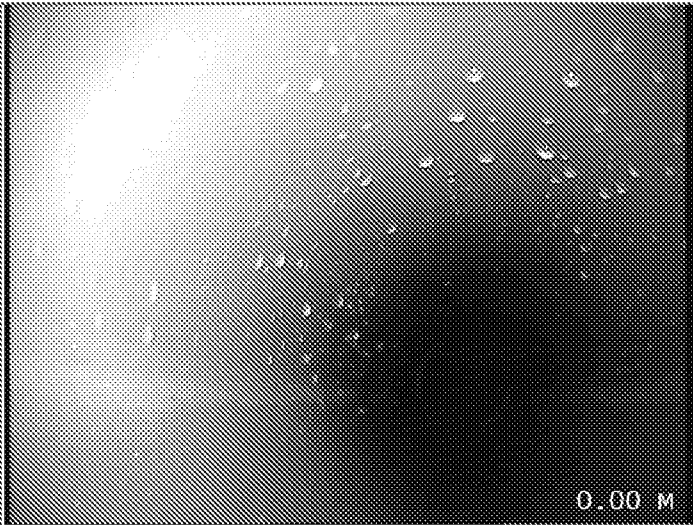
From: FW-200 / To: 01
Size: 100



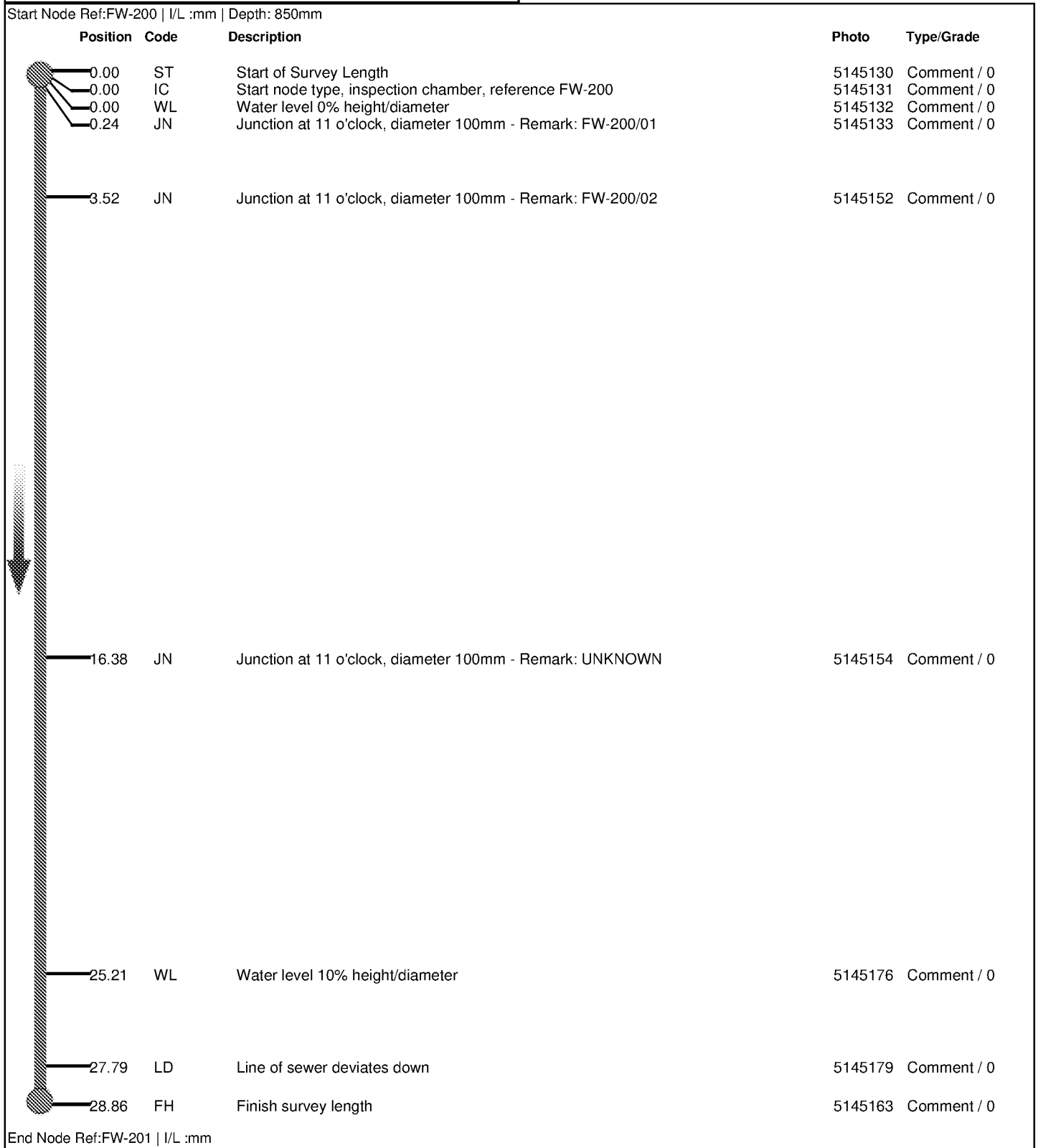
Finish survey length

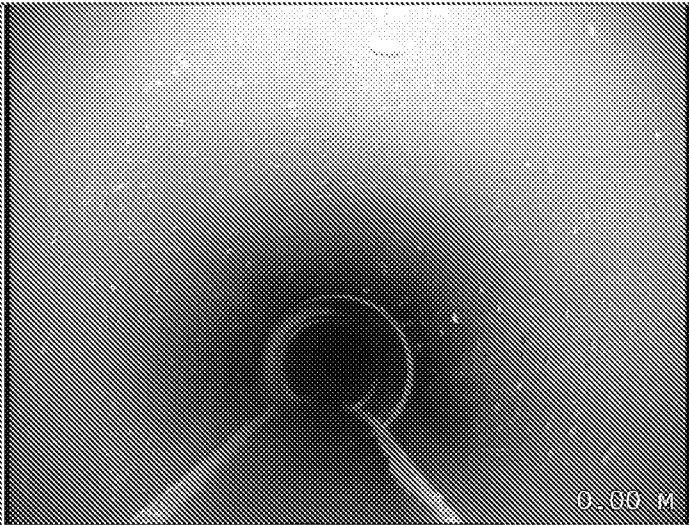
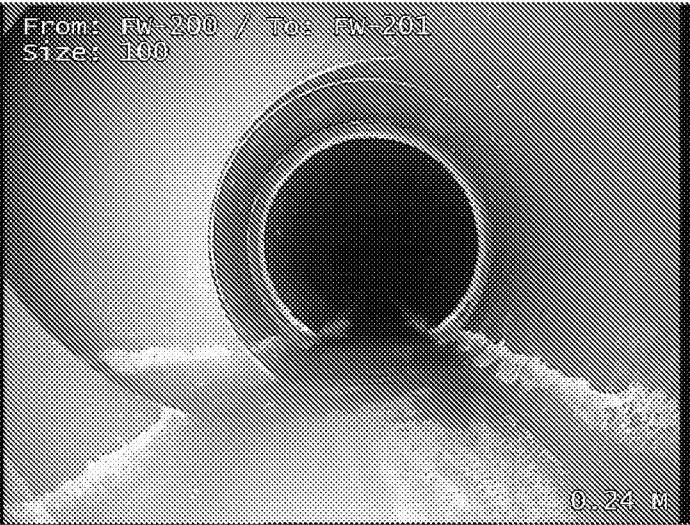
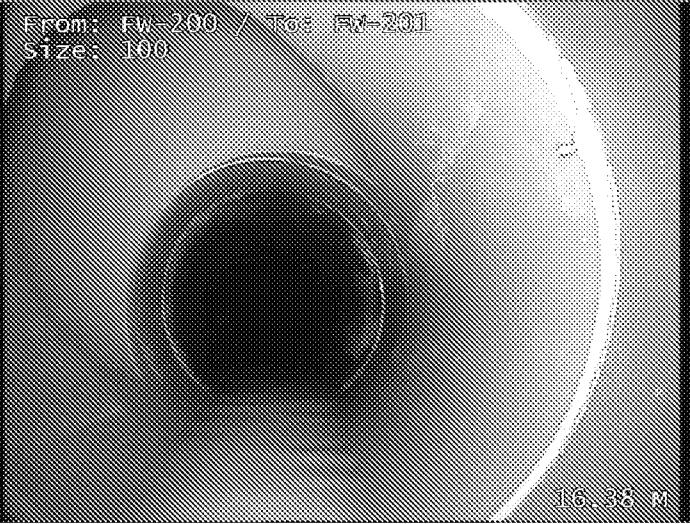
Surveyed by (Operator) Luke Clayton	Job Number 432	Pipe Length Reference(PLR) 01 X	Date 03/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 2
Road UNIT 2 Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyethylene Category	Start Node FW-200 End Node 01 Total length 5.74 metres		
Scale 1:0.26 Direction Upstream				



Job Number 432	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 03/06/2021
 0.00 M Start of Survey Length, Start node type, inspection chamber, reference FW-200, Water level 0% height/diameter		 From: FW-200 / To: 01 Size: 100 5.74 M Finish survey length	

Surveyed by (Operator) Luke Clayton	Job Number 432	Pipe Length Reference(PLR) FW-200 X	Date 03/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 3
Road UNIT 2 Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyethylene Category	Start Node FW-200 End Node FW-201 Total length 28.86 metres		
Scale 1:1.47 Direction Downstream				



Job Number 432	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 03/06/2021
 0.00 M Start of Survey Length, Start node type, inspection chamber, reference FW-200, Water level 0% height/diameter		 From: FW-200 / To: FW-201 Size: 100 0.24 M Junction at 11 o'clock, diameter 100mm - Remark: FW-200/01	
 From: FW-200 / To: FW-201 Size: 100 3.52 M Junction at 11 o'clock, diameter 100mm - Remark: FW-200/02		 From: FW-200 / To: FW-201 Size: 100 16.38 M Junction at 11 o'clock, diameter 100mm - Remark: UNKNOWN	
 From: FW-200 / To: FW-201 Size: 100 25.21 M Water level 10% height/diameter		 From: FW-200 / To: FW-201 Size: 100 27.79 M Line of sewer deviates down	

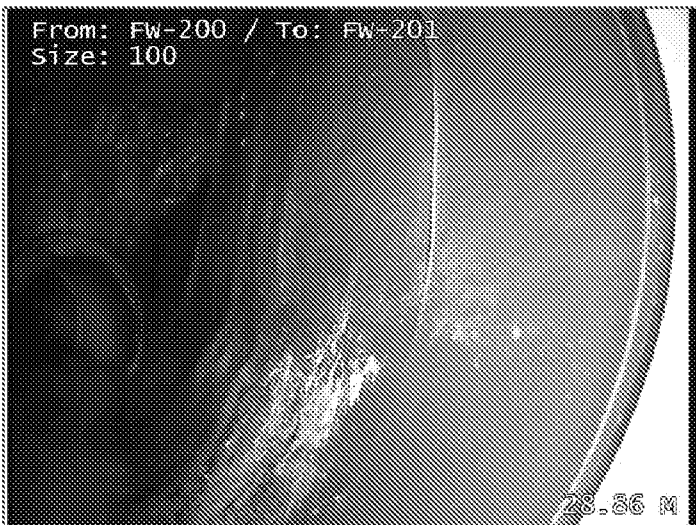
Job Number
432

Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

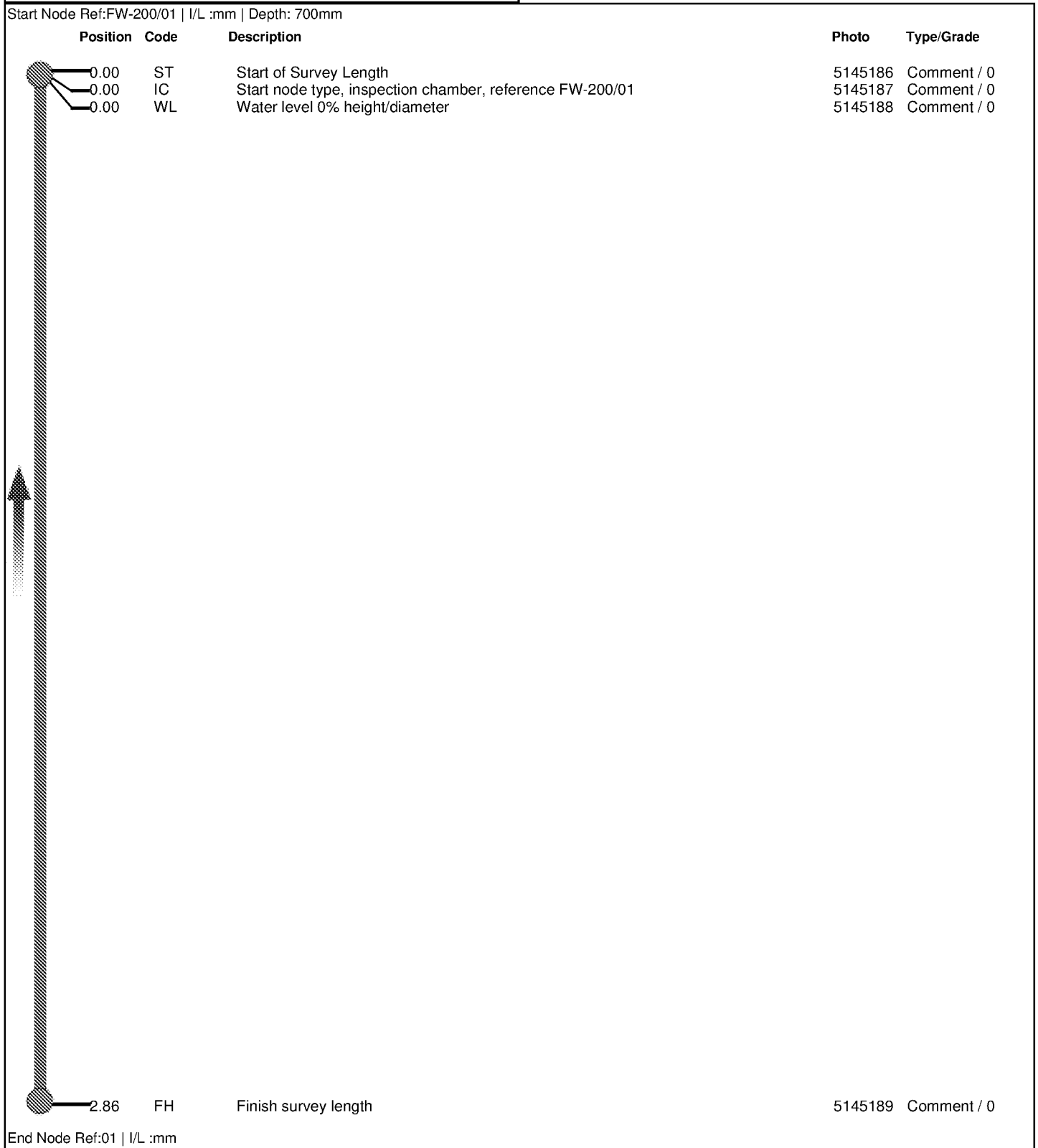
Date
03/06/2021

From: Fw-200 / To: Fw-201
Size: 100



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 432	Pipe Length Reference(PLR) 01 X	Date 03/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 4
Road UNIT 2 Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyethylene Category	Start Node FW-200/01 End Node 01 Total length 2.86 metres		
Scale 1:0.10 Direction Upstream				



Job Number
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Base Unit
8J5R2AEYKL

Date
03/06/2021

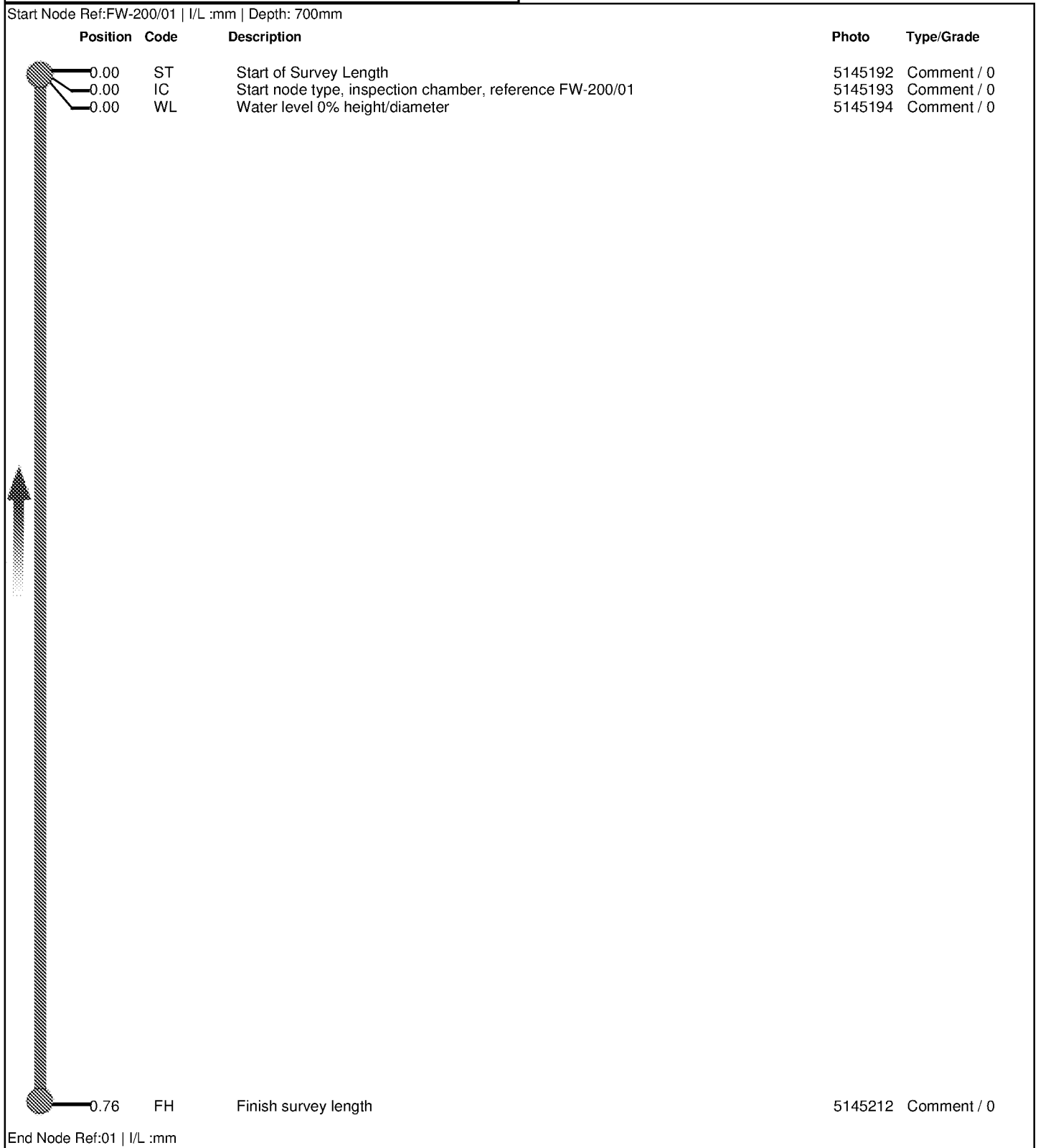


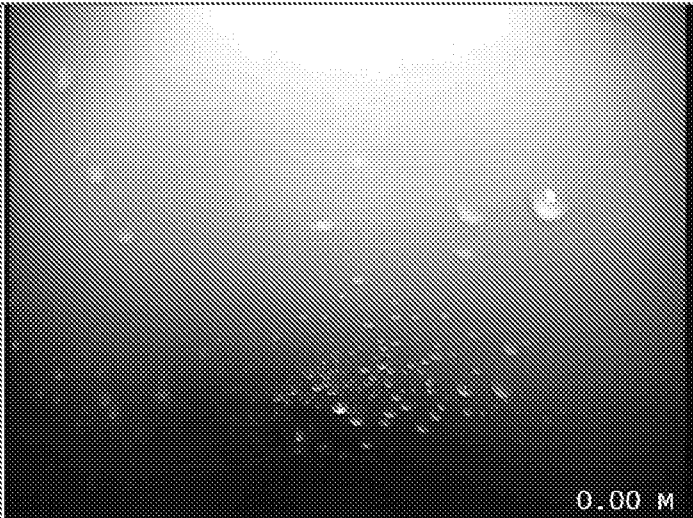
Start of Survey Length, Start node type, inspection chamber, reference
FW-200/01, Water level 0% height/diameter



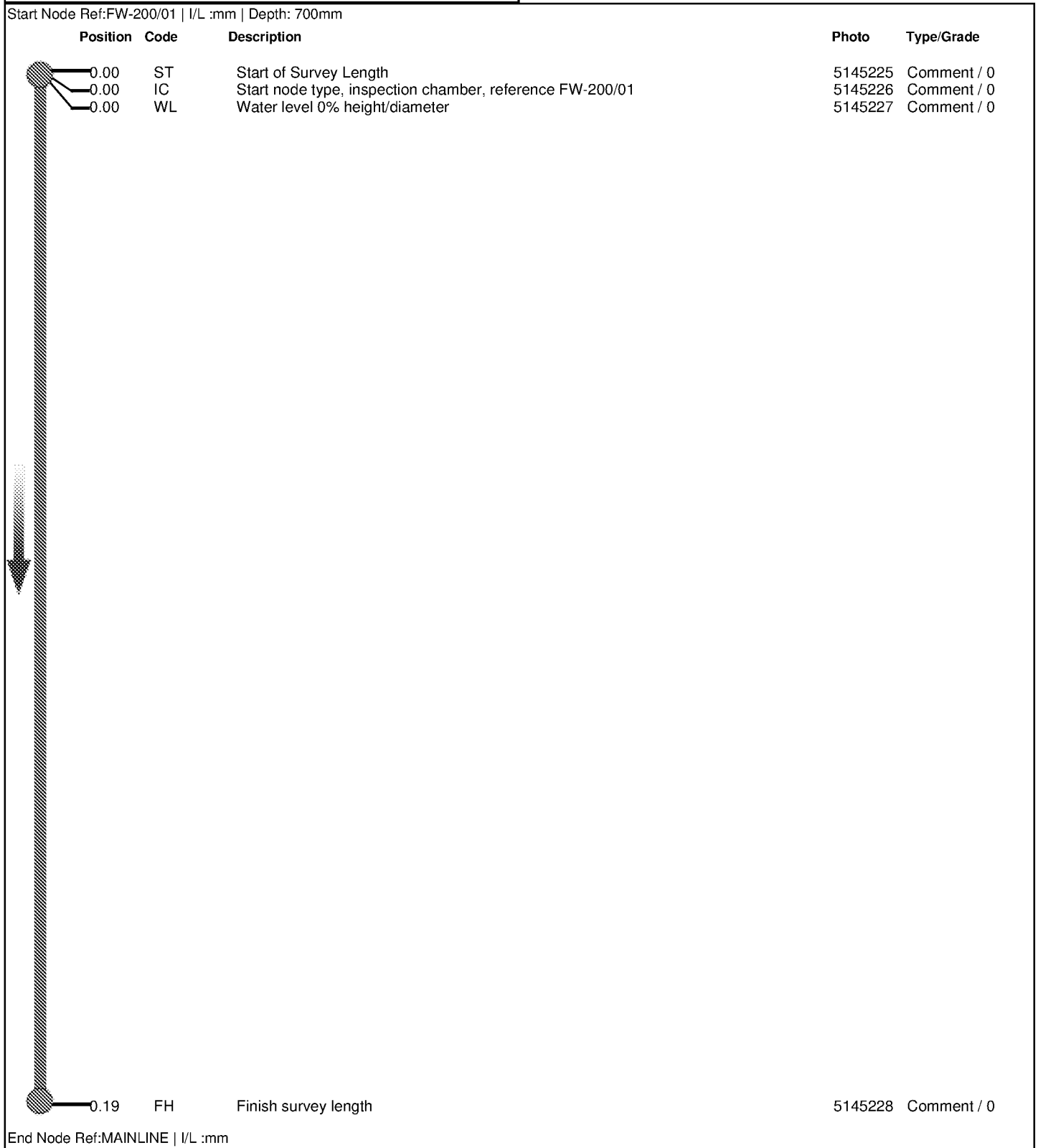
Finish survey length

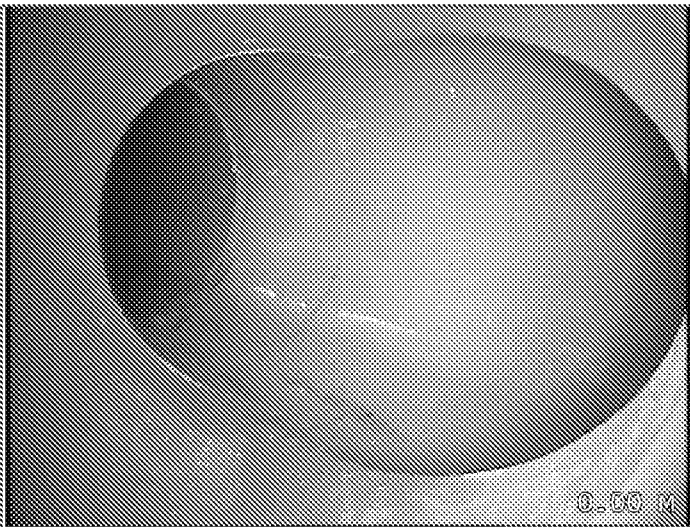
Surveyed by (Operator) Luke Clayton	Job Number 432	Pipe Length Reference(PLR) 01 X	Date 03/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 5
Road UNIT 2 Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyethylene Category	Start Node FW-200/01 End Node 01 Total length 0.76 metres		
Scale 1:0.00 Direction Upstream				



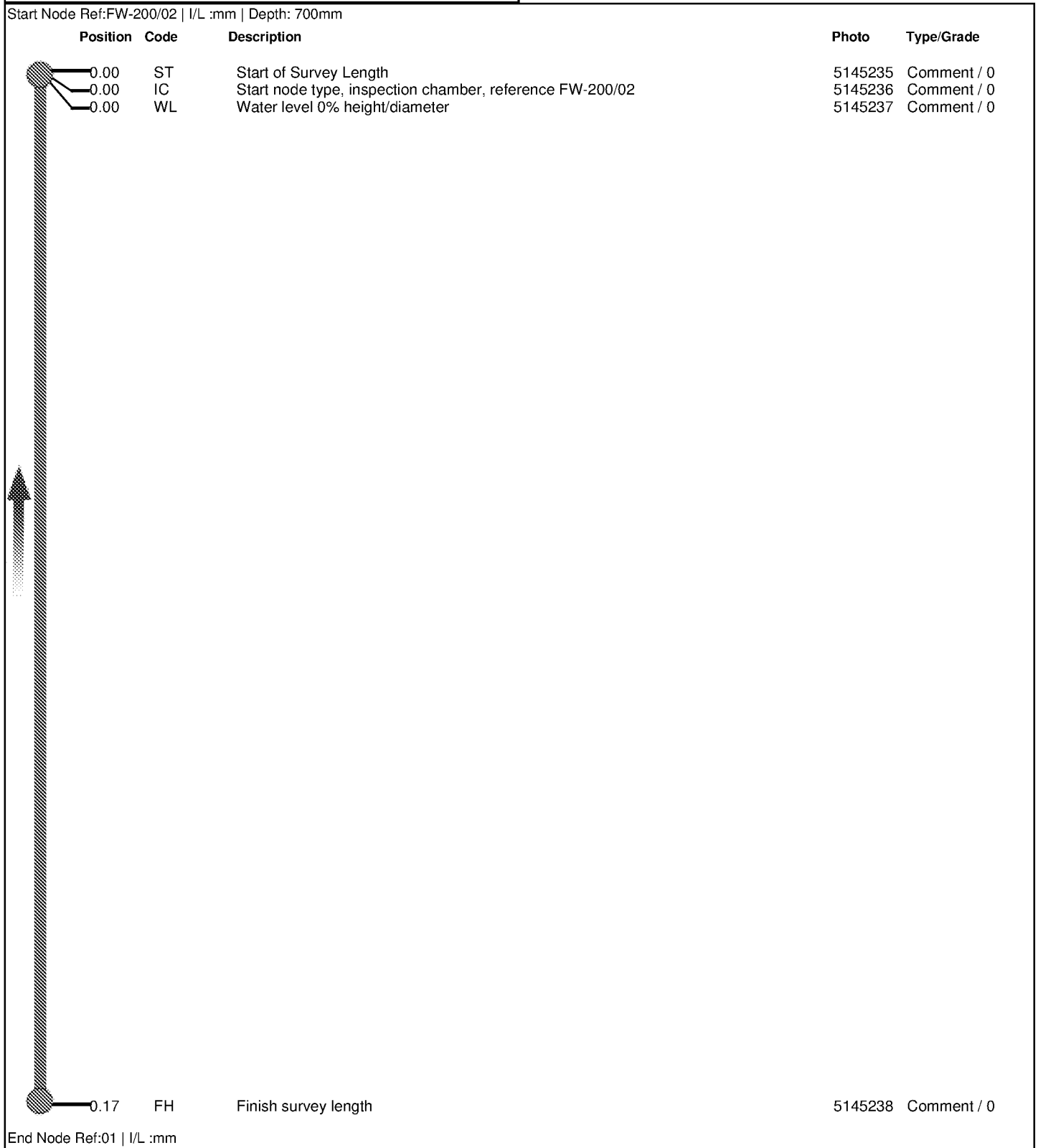
Job Number 432	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 03/06/2021
 0.00 M Start of Survey Length, Start node type, inspection chamber, reference FW-200/01, Water level 0% height/diameter		 From: FW-200/01 / To: 01 Size: 100 0.76 M Finish survey length	

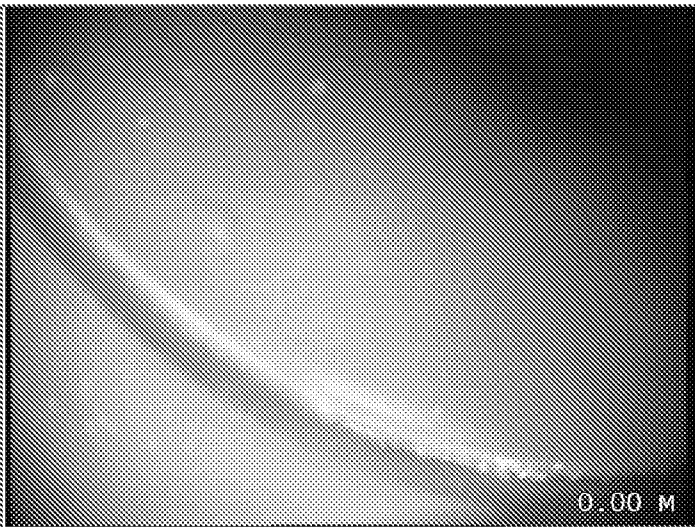
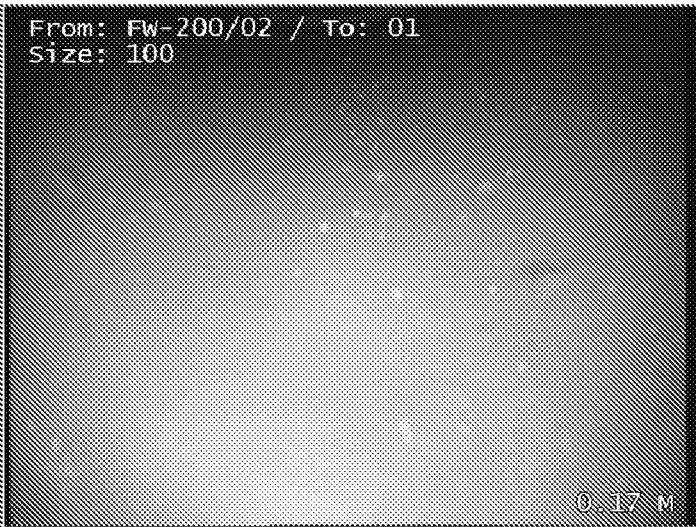
Surveyed by (Operator) Luke Clayton	Job Number 432	Pipe Length Reference(PLR) FW-200/01 X	Date 03/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 6
Road UNIT 2 Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyethylene Category	Start Node FW-200/01 End Node MAINLINE Total length 0.19 metres		
Scale 1:0.00 Direction Downstream				



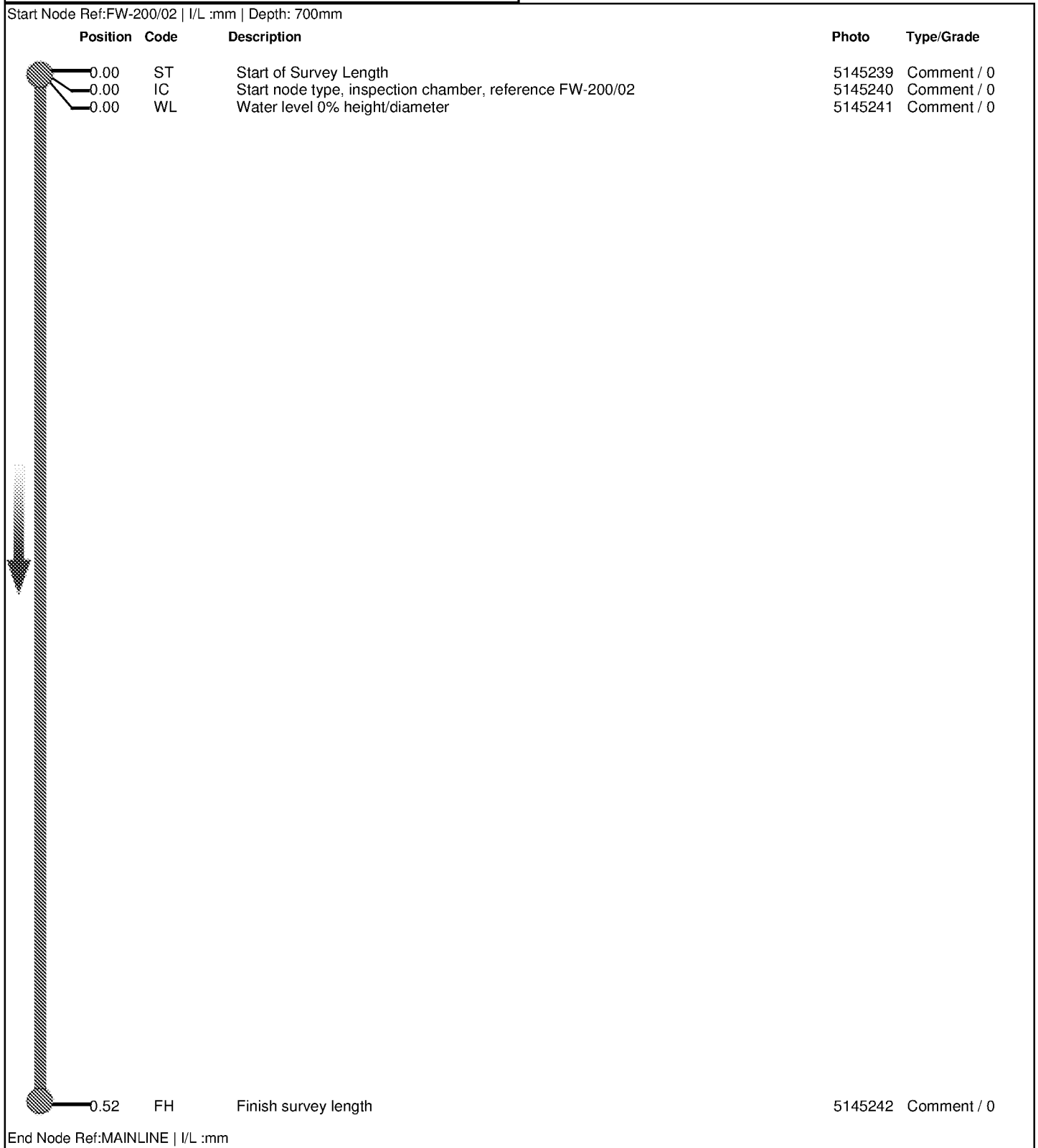
Job Number 432	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 03/06/2021
 Start of Survey Length, Start node type, inspection chamber, reference FW-200/01, Water level 0% height/diameter		 Finish survey length	

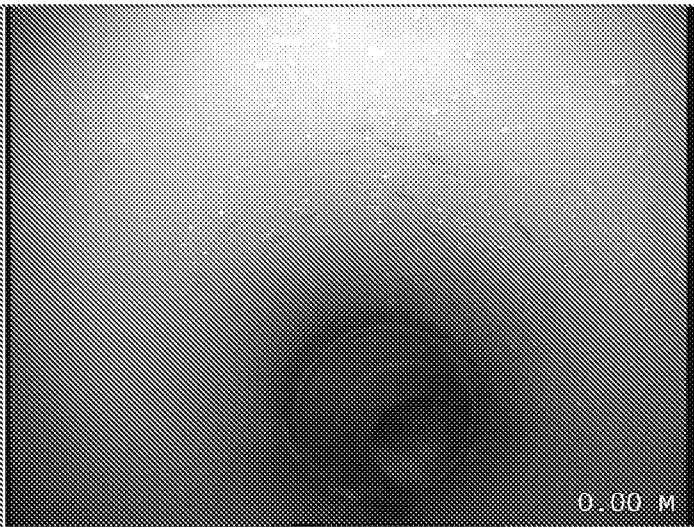
Surveyed by (Operator) Luke Clayton	Job Number 432	Pipe Length Reference(PLR) 01 X	Date 03/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 7
Road UNIT 2 Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyethylene Category	Start Node FW-200/02 End Node 01 Total length 0.17 metres		
Scale 1:0.00 Direction Upstream				



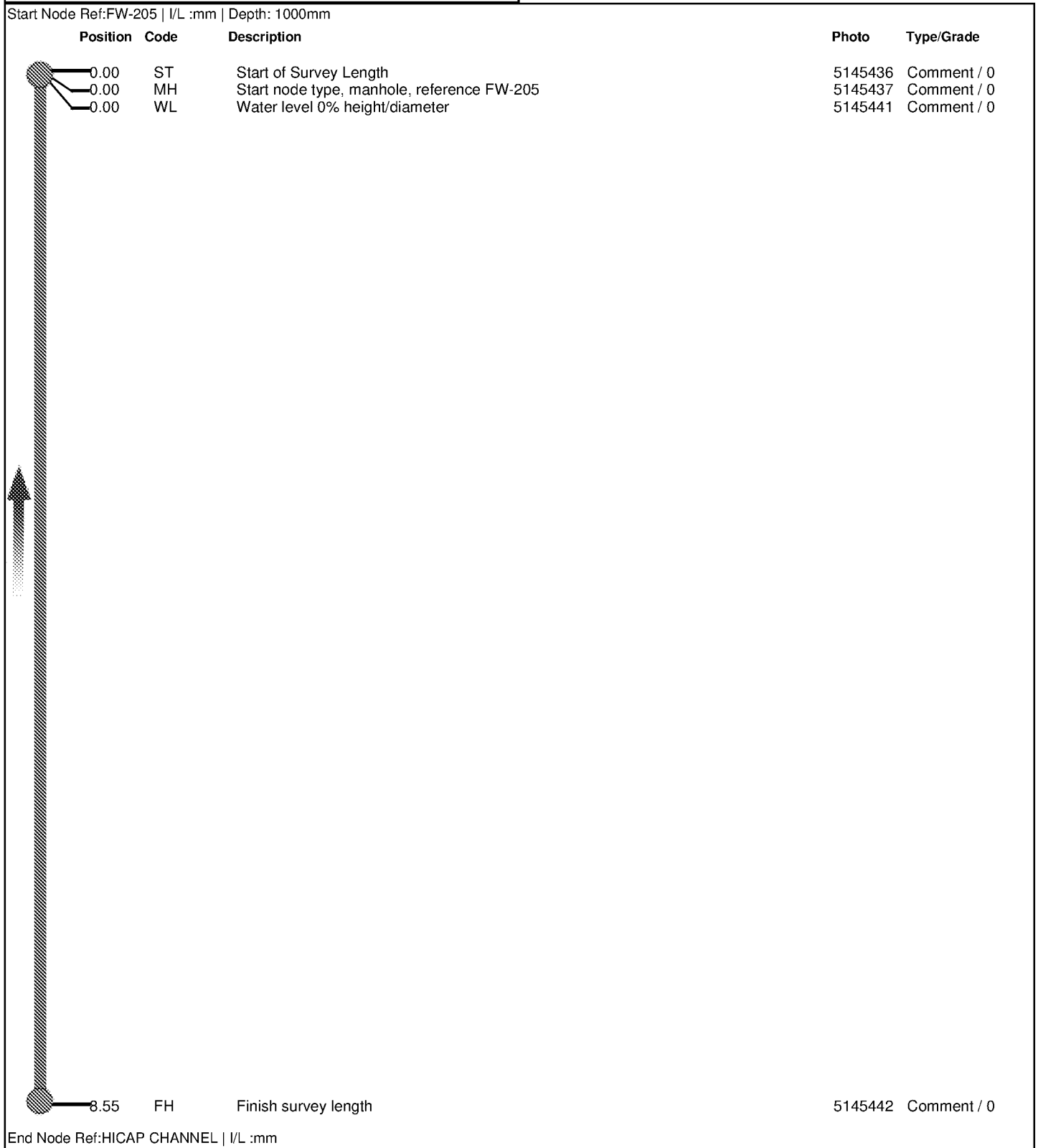
Job Number 432	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 03/06/2021
 0.00 M Start of Survey Length, Start node type, inspection chamber, reference FW-200/02, Water level 0% height/diameter		From: FW-200/02 / To: 01 Size: 100  0.17 M Finish survey length	

Surveyed by (Operator) Luke Clayton	Job Number 432	Pipe Length Reference(PLR) FW-200/02 X	Date 03/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 8
Road UNIT 2 Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyethylene Category	Start Node FW-200/02 End Node MAINLINE Total length 0.52 metres		
Scale 1:0.00 Direction Downstream				



Job Number 432	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 03/06/2021
 0.00 M Start of Survey Length, Start node type, inspection chamber, reference FW-200/02, Water level 0% height/diameter		 From: FW-200/02 / To: MAINLINE Size: 100 0.52 M Finish survey length	

Surveyed by (Operator) Luke Clayton	Job Number 432	Pipe Length Reference(PLR) HICAP CHANX	Date 03/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 9
Road UNIT 2 Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Foul Catchment	Shape/Size 100mm Material Polyethylene Category	Start Node FW-205 End Node HICAP CHANNEL Total length 8.55 metres		
Scale 1:0.42 Direction Upstream				

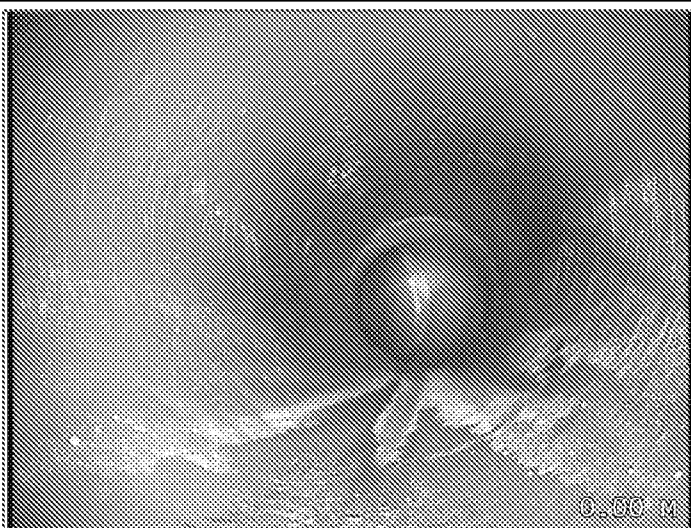


Job Number
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Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

Date
03/06/2021



Start of Survey Length, Start node type, manhole, reference FW-205,
Water level 0% height/diameter



Finish survey length

Job Number 432				Surveyed by (Operator) Luke Clayton			Base Unit 8J5R2AEYKL			Date 03/06/2021			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	01 X	U	F	100	03/06/2021	Polyethylene	6.57 metres	6.57		0	1	0	0
2	01 X	U	F	100	03/06/2021	Polyethylene	5.74 metres	5.74		0	1	0	0
3	FW-200 X	D	F	100	03/06/2021	Polyethylene	28.86 metres	28.86		0	1	0	0
4	01 X	U	F	100	03/06/2021	Polyethylene	2.86 metres	2.86		0	1	0	0
5	01 X	U	F	100	03/06/2021	Polyethylene	0.76 metres	0.76		0	1	0	0
6	FW-200/01 X	D	F	100	03/06/2021	Polyethylene	0.19 metres	0.19		0	1	0	0
7	01 X	U	F	100	03/06/2021	Polyethylene	0.17 metres	0.17		0	1	0	0
8	FW-200/02 X	D	F	100	03/06/2021	Polyethylene	0.52 metres	0.52		0	1	0	0
9	HICAP CHANX	U	F	100	03/06/2021	Polyethylene	8.55 metres	8.55		0	1	0	0

Job Number 432				Surveyed by (Operator) Luke Clayton			Base Unit 8J5R2AEYKL			Date 03/06/2021			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	01 X	U	F	100	03/06/2021	Polyethylene	6.57 metres	6.57		0	1	0	0
2	01 X	U	F	100	03/06/2021	Polyethylene	5.74 metres	5.74		0	1	0	0
3	FW-200 X	D	F	100	03/06/2021	Polyethylene	28.86 metres	28.86		0	1	0	0
4	01 X	U	F	100	03/06/2021	Polyethylene	2.86 metres	2.86		0	1	0	0
5	01 X	U	F	100	03/06/2021	Polyethylene	0.76 metres	0.76		0	1	0	0
6	FW-200/01 X	D	F	100	03/06/2021	Polyethylene	0.19 metres	0.19		0	1	0	0
7	01 X	U	F	100	03/06/2021	Polyethylene	0.17 metres	0.17		0	1	0	0
8	FW-200/02 X	D	F	100	03/06/2021	Polyethylene	0.52 metres	0.52		0	1	0	0
9	HICAP CHANX	U	F	100	03/06/2021	Polyethylene	8.55 metres	8.55		0	1	0	0

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1: Occurences without damage. For example, laterals, joints, etc.

NO DEFECTS WERE DETECTED.

2: Constructional deficiencies or occurences with insignificant influence to tightness, hydraulic or static pressure or pipe: Eg. wide joints, badly torched intakes, minor deformation of plastic pipes, minor erosions etc.

REHABILITATION CAN BE SCHEDULED LONG-TERM.

3: Constructional deficiencies diminishing static, hydraulic and tightness: Eg. untorched intakes, cracks, minor drainage obstructions such as calcite build ups, protruding laterals, minor damages to pipe wall, individual root penetrations, corroded pipe walls etc.

REHABILITATION IS NECESSARY MEDIUM-TERM WITHIN 3 TO 5 YEARS.

4: Constructional damages with insufficient static safety, hydraulic or tightness: Eg. axial/radial pipe bursts, pipe deformations, visually noticeable infiltration/exfiltration, cavities, in pipe-wall, severe protruding, laterals severe root penetrations, severe corrosion of pipe wall etc.

REHABILITATION PROCEDURE IS URGENT AND HAS TO BE COMPLETED WITHIN 1 TO 2 YEARS.
NECESSITY FOR EMERGENCY OPERATIONS HAS TO BE EXAMINED.

5: Pipe is already or will shortly be impermeable: Eg. collapsed pipe, deeply rooted pipe or other drainage obstructions. Pipe loses water or danger of backwater in basements etc.

REHABILITATION IS URGENT AND SHORT-TERM. IN ORDER TO PREVENT FURTHER DAMAGE,
NECESSARY TEMPORARY SPOT REPAIR HAS TO BE CONDUCTED ON EMERGENCY LEVEL.