



CCTV Inspection Report

ACCESS ROADS
Saltbox
Shripney Way
Bognor Regis
PO22 9NW

22/06/2021

Job Number: 437

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

Job Number
437Surveyed by (Operator)
Luke ClaytonBase Unit
8J5R2AEYKLDate
22/06/2021**Client Details:**

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

Site Details:

ACCESS ROADS
Saltbox
Shripney Way
Bognor Regis
PO22 9NW

Contractor Details:

Drainflow Ltd
5 Pulloxhill Road
Greenfield
Bedford
Bedfordshire
MK45 5ES

Office Contact

Purpose of Survey:

CCTV SURFACE WATER DRAINAGE.
ACCESS ROADS

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437

Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

Date
22/06/2021

Job Information

Total Distance Surveyed: **600.2 metres**
Engineer: **Luke Clayton**
Number of Surveys: **30**
Number of Surveys grade 4 or above: **0**

Section 1 Overview (22/06/2021)

Manholes: **SW-501 to RG**
Pipe Length: **10.21 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 2 Overview (22/06/2021)

Manholes: **SW-501 to RG**
Pipe Length: **10.67 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 3 Overview (22/06/2021)

Manholes: **SW-502-A to RG**
Pipe Length: **2.38 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 4 Overview (22/06/2021)

Manholes: **SW-502-A to RG**
Pipe Length: **9.24 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 5 Overview (23/06/2021)

Manholes: **SW-511 to SW-511B**
Pipe Length: **36.93 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **300mm**
Use: **Surface water**

DRAIN RUN OK

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Section 6 Overview (23/06/2021)

Manholes: **SW-511 to SW-504**
Pipe Length: **26.65 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **300mm**
Use: **Surface water**

DRAIN RUN OK

Section 7 Overview (23/06/2021)

Manholes: **SW-504 to SW-503**
Pipe Length: **87.5 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **450mm**
Use: **Surface water**

DRAIN RUN OK

Section 8 Overview (23/06/2021)

Manholes: **SW-505 to SW-504**
Pipe Length: **7.1 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **600mm**
Use: **Surface water**

DRAIN RUN OK

Section 9 Overview (23/06/2021)

Manholes: **SW-505 to SW-505A**
Pipe Length: **45.12 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **0mm**
Use: **Surface water**

DRAIN RUN OK

Section 10 Overview (23/06/2021)

Manholes: **SW-505 to RG**
Pipe Length: **8.6 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 11 Overview (23/06/2021)

Manholes: **SW-505 to RG**
Pipe Length: **3.38 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

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Section 12 Overview (23/06/2021)

Manholes: **SW-505A to RG**
Pipe Length: **1.38 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 13 Overview (23/06/2021)

Manholes: **SW-505A to RG**
Pipe Length: **5.43 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 14 Overview (23/06/2021)

Manholes: **SW-505A to SW-505B**
Pipe Length: **44.88 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **0mm**
Use: **Surface water**

DRAIN RUN OK

Section 15 Overview (23/06/2021)

Manholes: **SW-505B to RG**
Pipe Length: **2.19 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 16 Overview (23/06/2021)

Manholes: **SW-505B to RG**
Pipe Length: **3.26 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 17 Overview (23/06/2021)

Manholes: **SW-505B to FLOW CONTROL M/H-FC-501**
Pipe Length: **54.67 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **0mm**
Use: **Surface water**

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Section 18 Overview (23/06/2021)

Manholes: **SW-509 to RG**
Pipe Length: **10.81 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 19 Overview (23/06/2021)

Manholes: **SW-509 to RG**
Pipe Length: **9.57 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 20 Overview (23/06/2021)

Manholes: **SW-509 to FLOW CONTROL M/H-FC-501**
Pipe Length: **0.55 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **225mm**
Use: **Surface water**

Section 21 Overview (23/06/2021)

Manholes: **SW-508 to RG**
Pipe Length: **2.31 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 22 Overview (23/06/2021)

Manholes: **FLOW CONTROL M/H-FC-501 to SW-508**
Pipe Length: **1.83 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **225mm**
Use: **Surface water**

Section 23 Overview (23/06/2021)

Manholes: **SW-507 to OIL INTERCEPTOR**
Pipe Length: **6.81 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polypropylene**
Pipe Size: **225mm**
Use: **Surface water**

DRAIN RUN OK

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Surveyed by (Operator)
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Section 24 Overview (23/06/2021)

Manholes: **SW-507 to HEADWALL**
Pipe Length: **4.17 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Polypropylene**
Pipe Size: **225mm**
Use: **Surface water**

DRAIN RUN OK

Section 25 Overview (24/06/2021)

Manholes: **SW-503 to SW-510**
Pipe Length: **54.41 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **300mm**
Use: **Surface water**

DRAIN RUN OK

Section 26 Overview (24/06/2021)

Manholes: **SW-510 to RG**
Pipe Length: **9.05 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 27 Overview (24/06/2021)

Manholes: **SW-510 to RG**
Pipe Length: **5.24 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Vitrified clay**
Pipe Size: **150mm**
Use: **Surface water**

DRAIN RUN OK

Section 28 Overview (24/06/2021)

Manholes: **SW-503 to SW-502-A**
Pipe Length: **58.69 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **300mm**
Use: **Surface water**

DRAIN RUN OK

Section 29 Overview (02/08/2021)

Manholes: **SW-501 to SW-502**
Pipe Length: **72.41 metres**
Structural Grade: **0**
Service Grade: **0**
Material: **Concrete**
Pipe Size: **300mm**
Use: **Surface water**

DRAIN RUN OK

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Section 30 Overview (02/08/2021)

Manholes: **SW-502 to SW-502-A**

Pipe Length: **4.76 metres**

Structural Grade: **0**

Service Grade: **0**

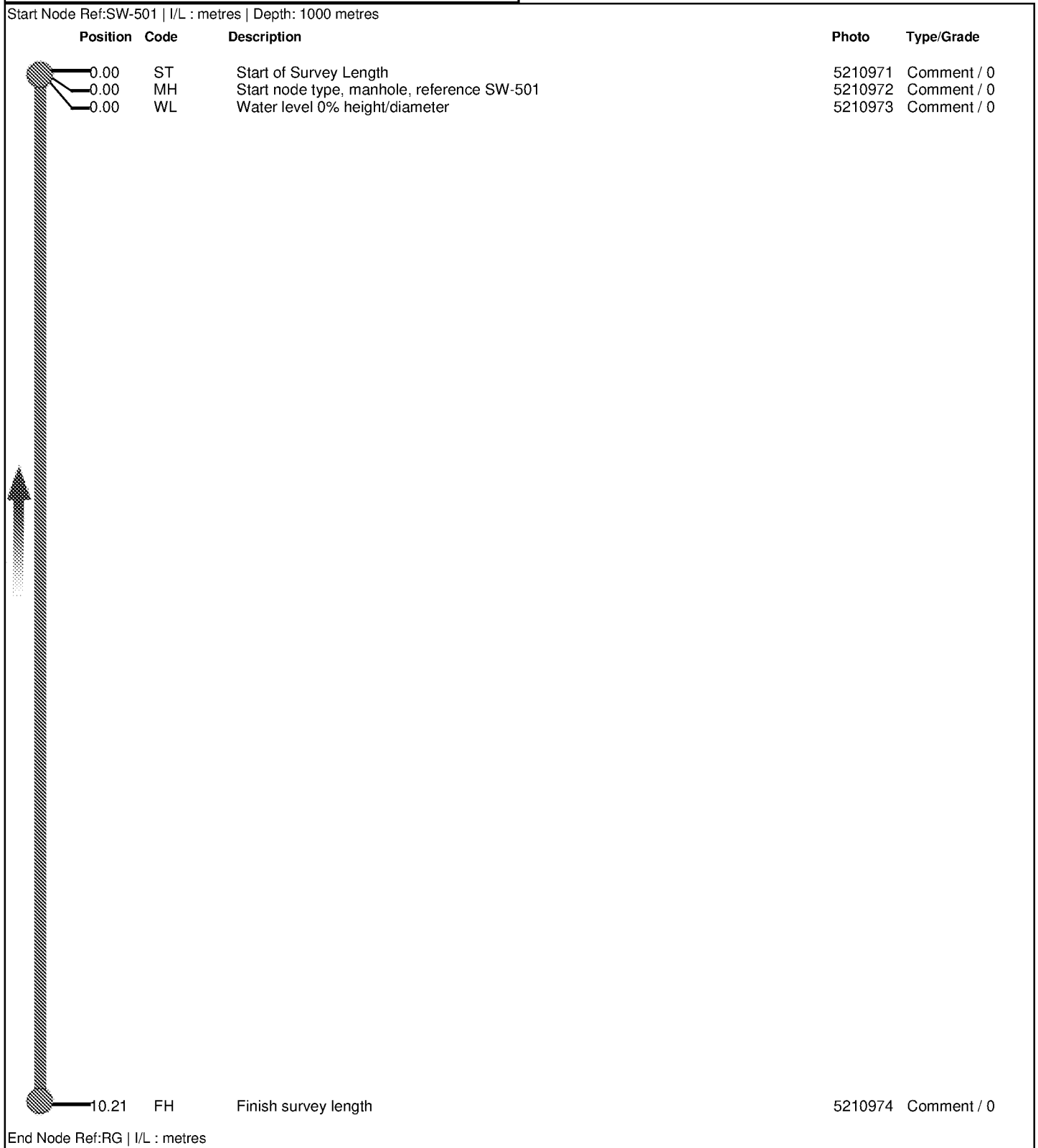
Material: **Concrete**

Pipe Size: **300mm**

Use: **Surface water**

DRAIN RUN OK

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 22/06/2021	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 ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-501 End Node RG Total length 10.21 metres		
Scale 1:0.52 Direction Upstream				



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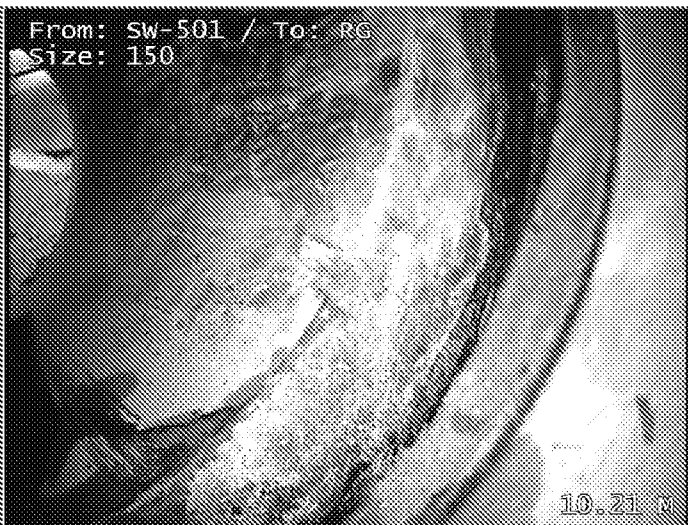
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Luke Clayton

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8J5R2AEYKL

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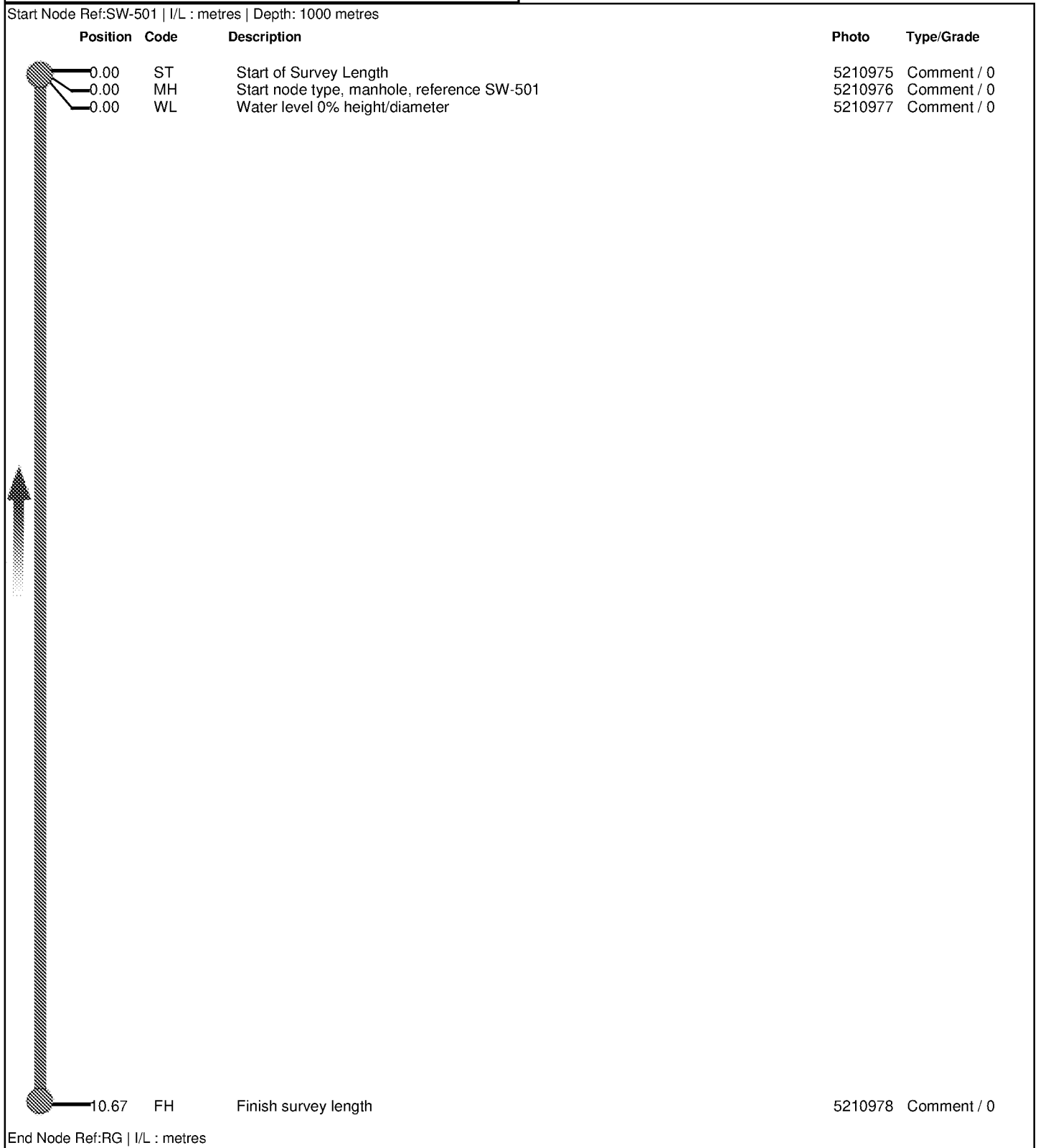


Start of Survey Length, Start node type, manhole, reference SW-501,
Water level 0% height/diameter



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 22/06/2021	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 ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-501 End Node RG Total length 10.67 metres		
Scale 1:0.52 Direction Upstream				

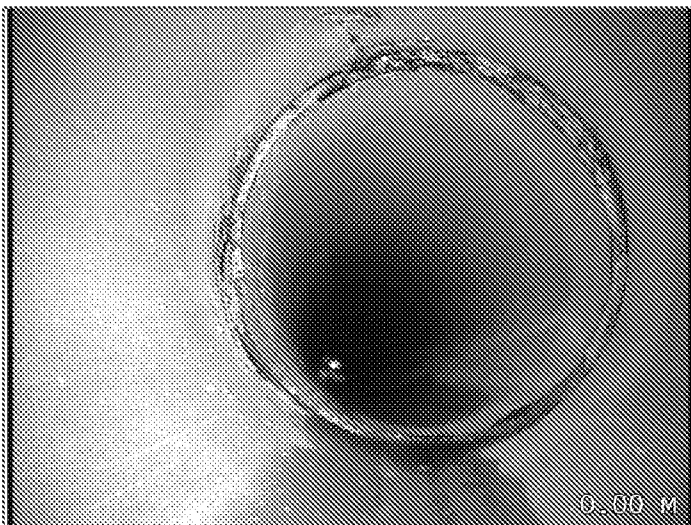


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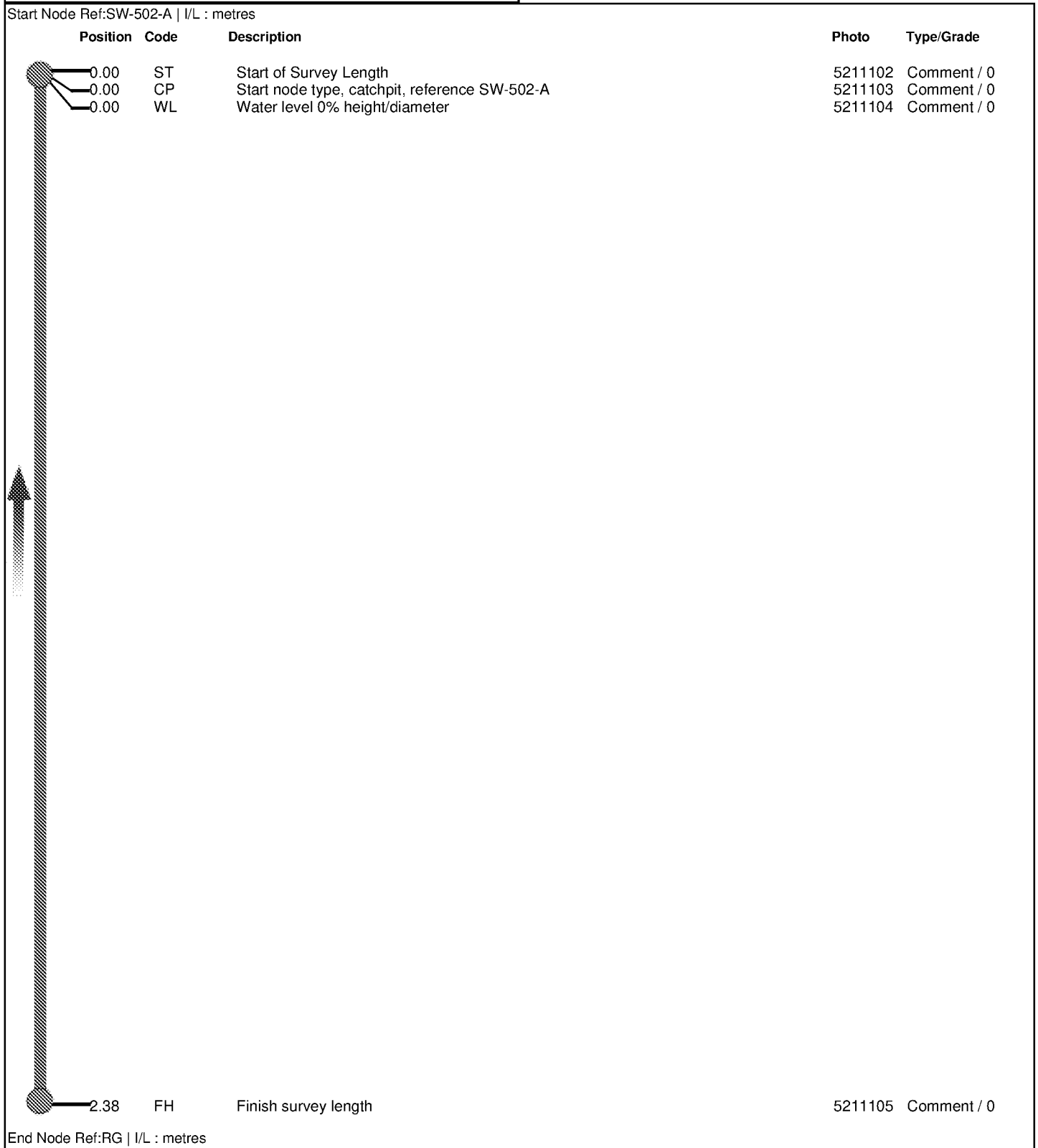


Start of Survey Length, Start node type, manhole, reference SW-501,
Water level 0% height/diameter



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 22/06/2021	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 ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-502-A End Node RG Total length 2.38 metres		
Scale 1:0.10 Direction Upstream				

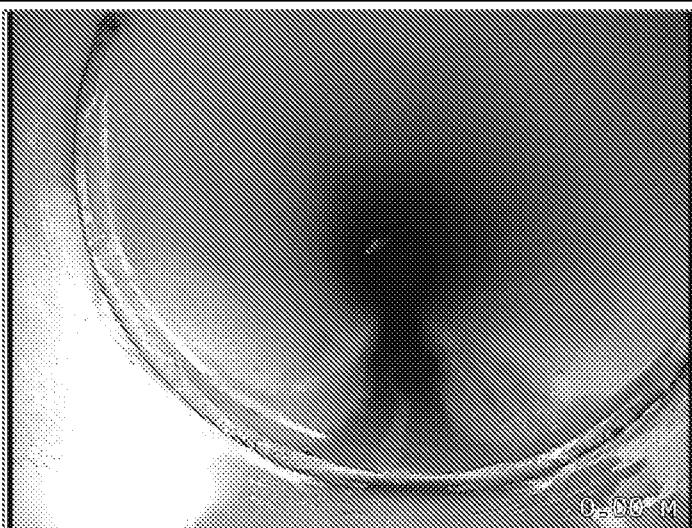


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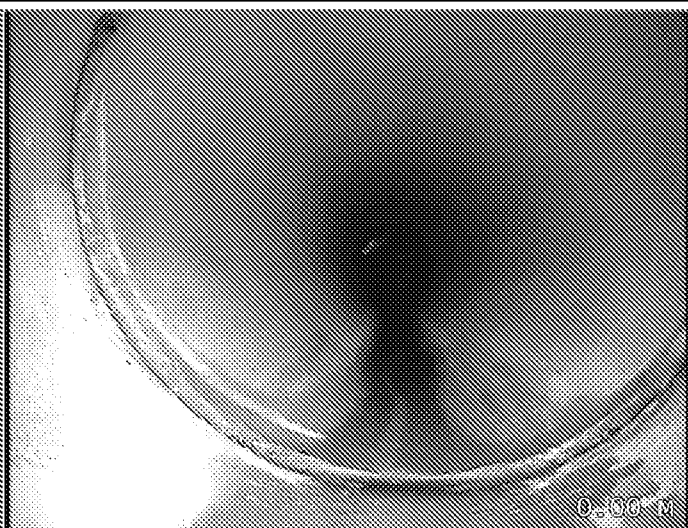
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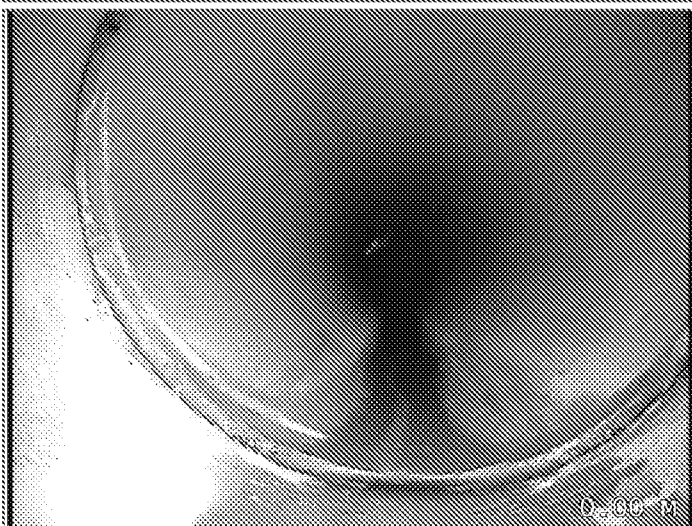
Date
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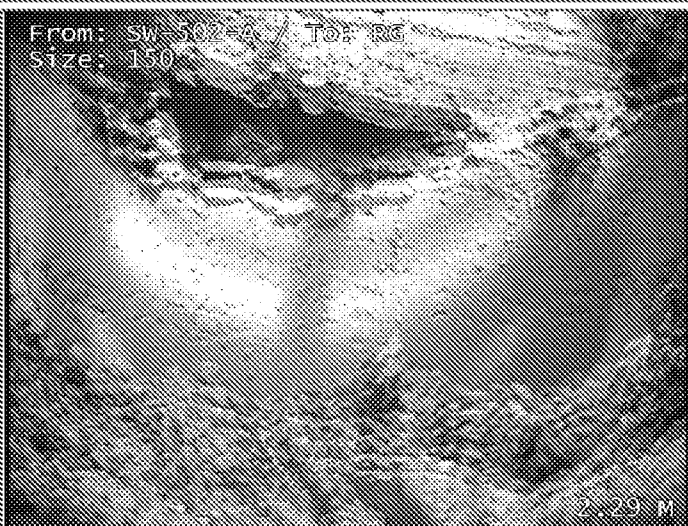
Start of Survey Length



Start node type, catchpit, reference SW-502-A

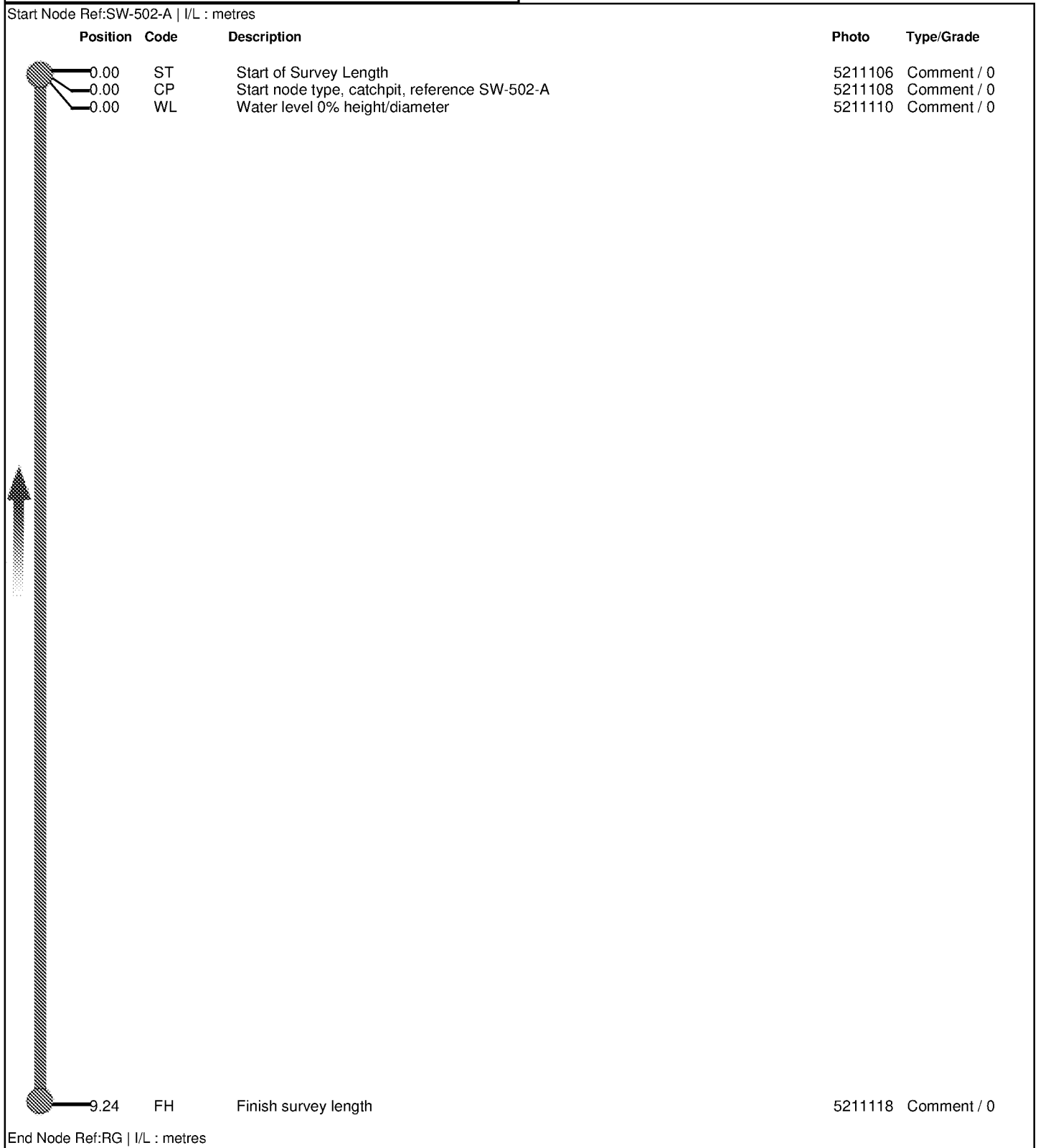


Water level 0% height/diameter



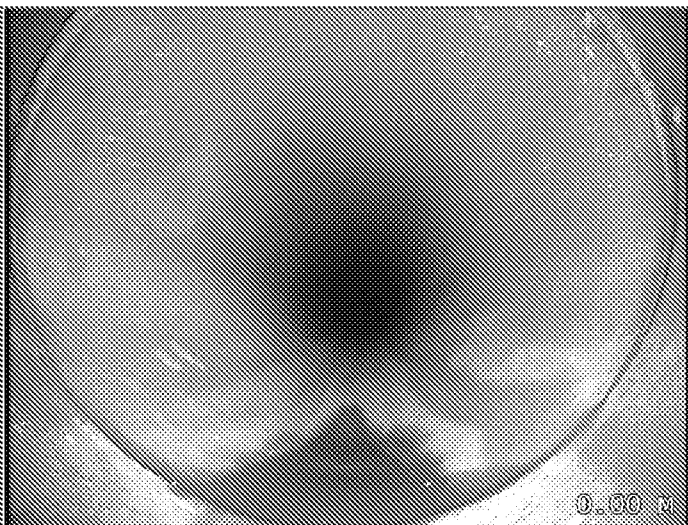
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 22/06/2021	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 ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-502-A End Node RG Total length 9.24 metres		
Scale 1:0.47 Direction Upstream				



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Start of Survey Length



Start node type, catchpit, reference SW-502-A



Water level 0% height/diameter



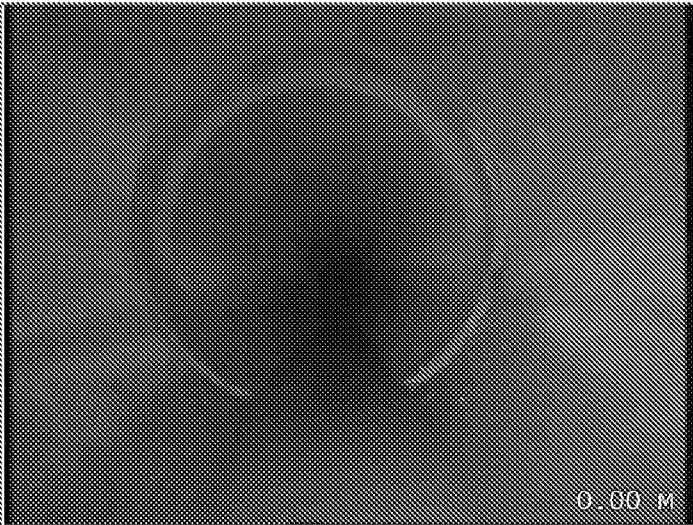
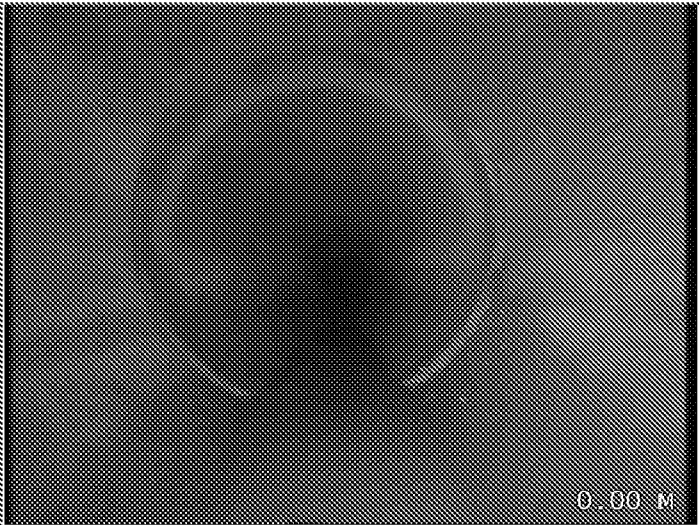
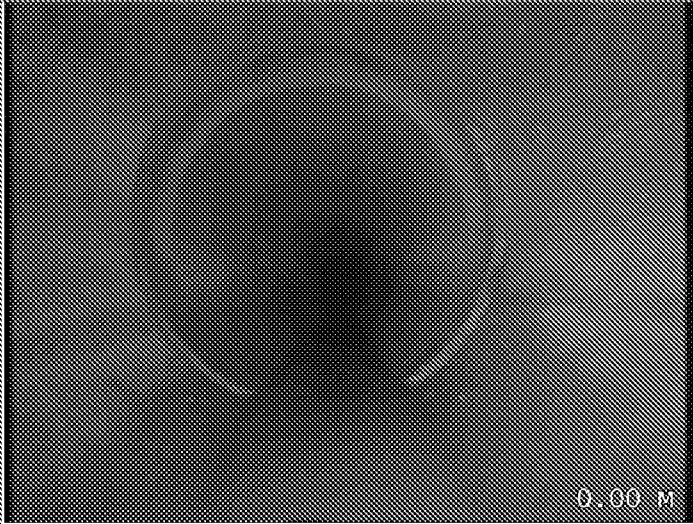
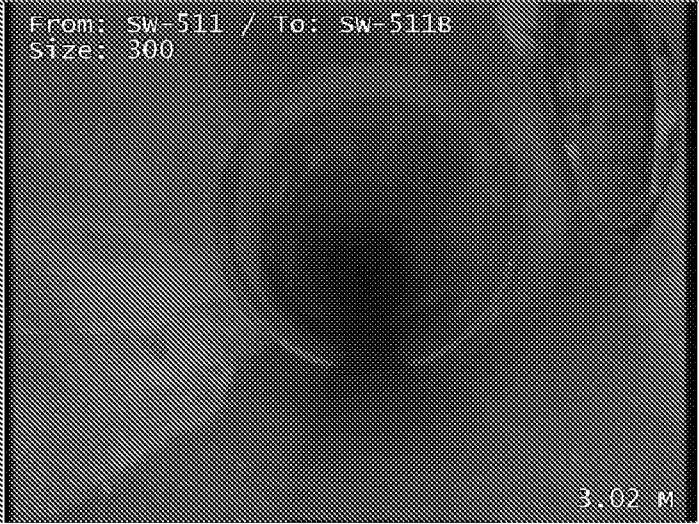
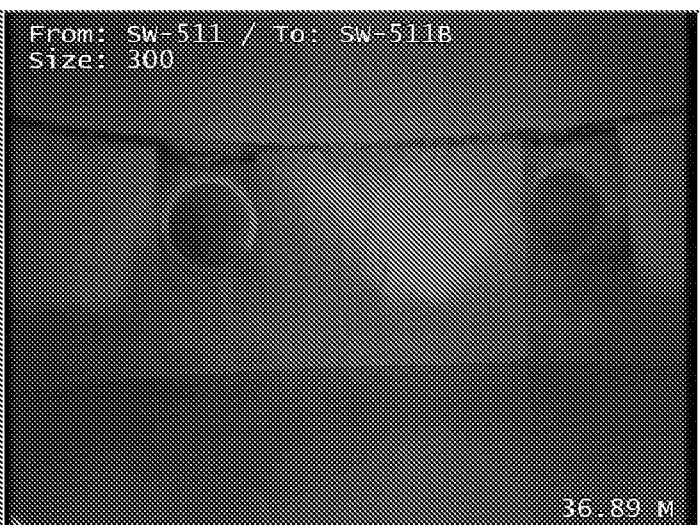
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-511B X	Date 23/06/2021	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 ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 300mm Material Concrete Category	Start Node SW-511 End Node SW-511B Total length 36.93 metres		
Scale 1:1.89 Direction Upstream				

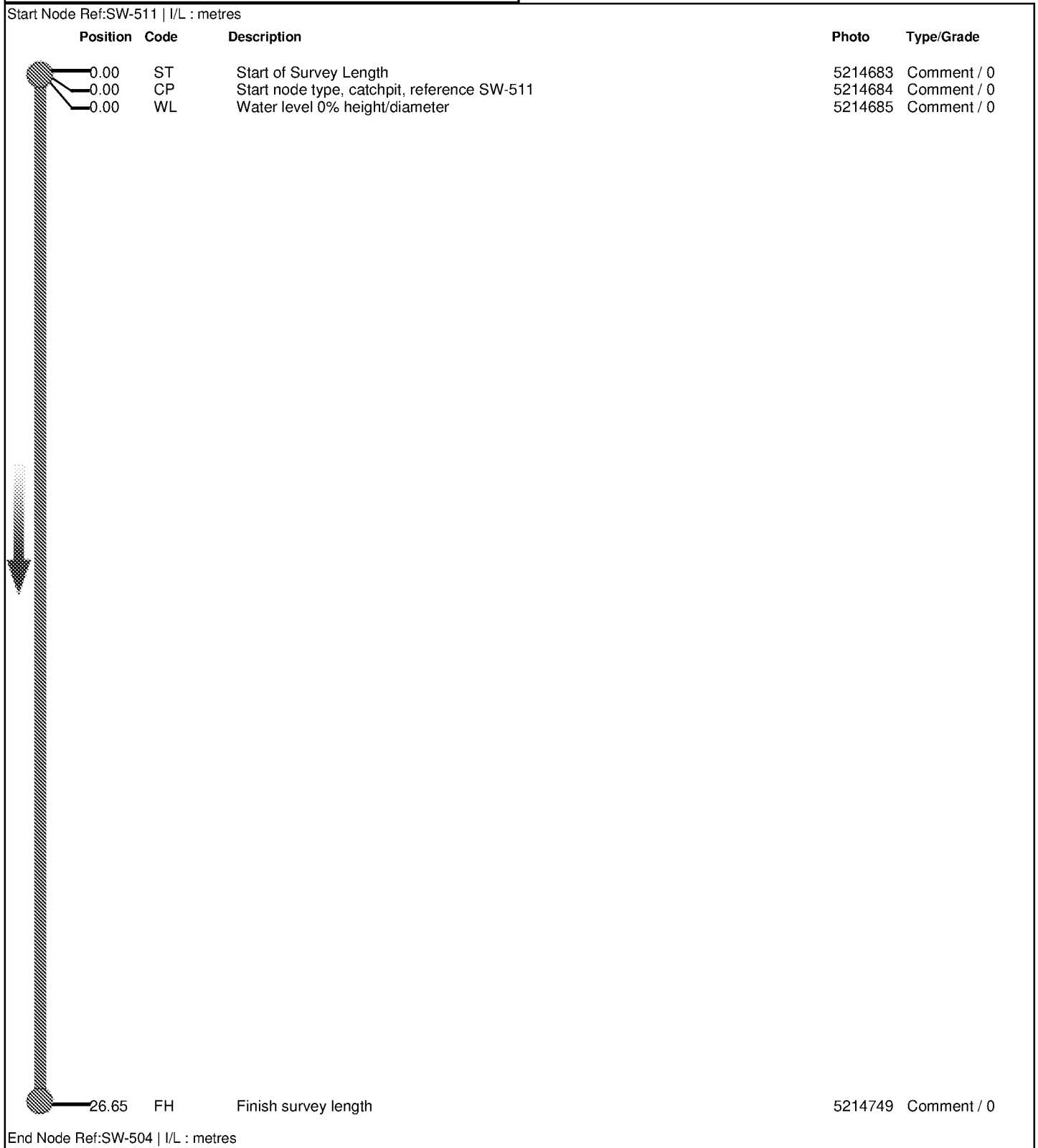
Start Node Ref:SW-511 | I/L : metres

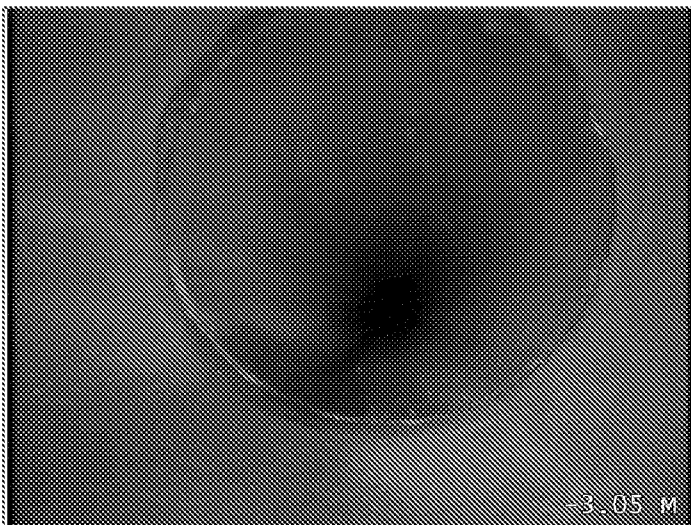
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0.00	ST	Start of Survey Length	5214537	Comment / 0
0.00	CP	Start node type, catchpit, reference SW-511	5214538	Comment / 0
0.00	WL	Water level 0% height/diameter	5214540	Comment / 0
3.02	JN	Junction at 1 o'clock, diameter 150mm - Remark: road gully	5214570	Comment / 0
3.65	JN	Junction at 11 o'clock, diameter 150mm - Remark: road gully	5214574	Comment / 0
36.93	FH	Finish survey length	5214592	Comment / 0

End Node Ref:SW-511B | I/L : metres

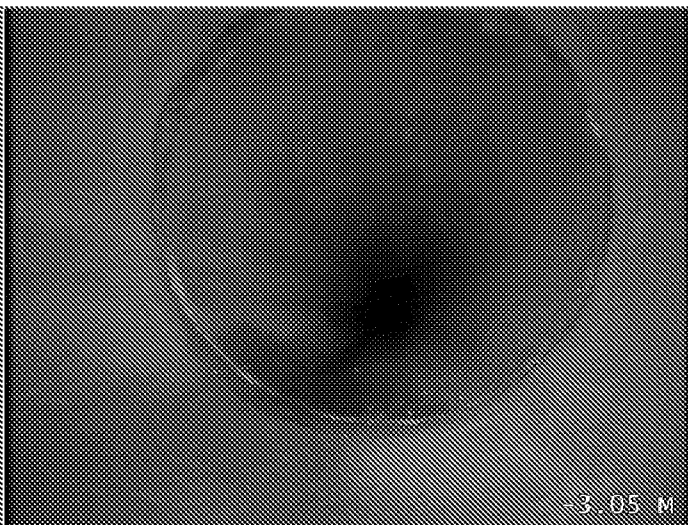
Job Number 437	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 23/06/2021
 0.00 M Start of Survey Length		 0.00 M Start node type, catchpit, reference SW-511	
 0.00 M Water level 0% height/diameter		From: SW-511 / To: SW-511B Size: 300  3.02 M Junction at 1 o'clock, diameter 150mm - Remark: road gully	
From: Sw-511 / To: Sw-511B Size: 300  3.64 M Junction at 11 o'clock, diameter 150mm - Remark: road gully		From: Sw-511 / To: Sw-511B Size: 300  36.89 M Finish survey length	

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-511 X	Date 23/06/2021	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 ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 300mm Material Concrete Category	Start Node SW-511 End Node SW-504 Total length 26.65 metres		
Scale 1:1.36 Direction Downstream				

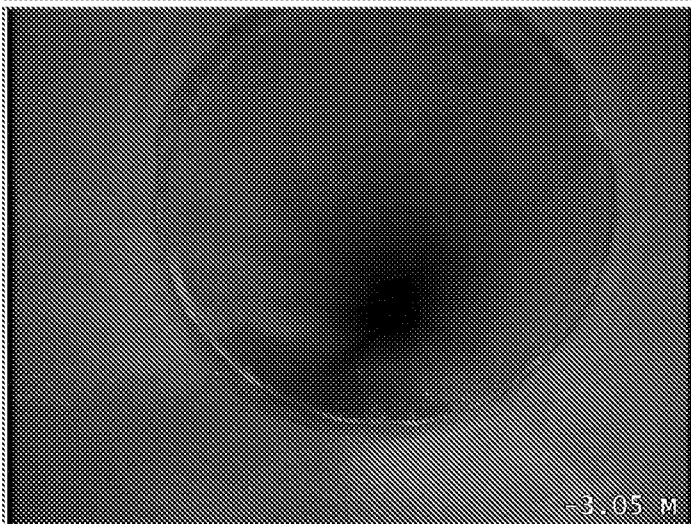


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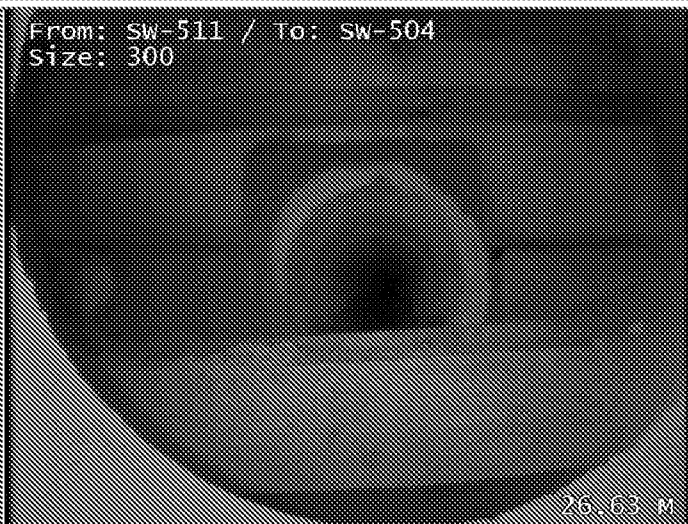
Start of Survey Length



Start node type, catchpit, reference SW-511

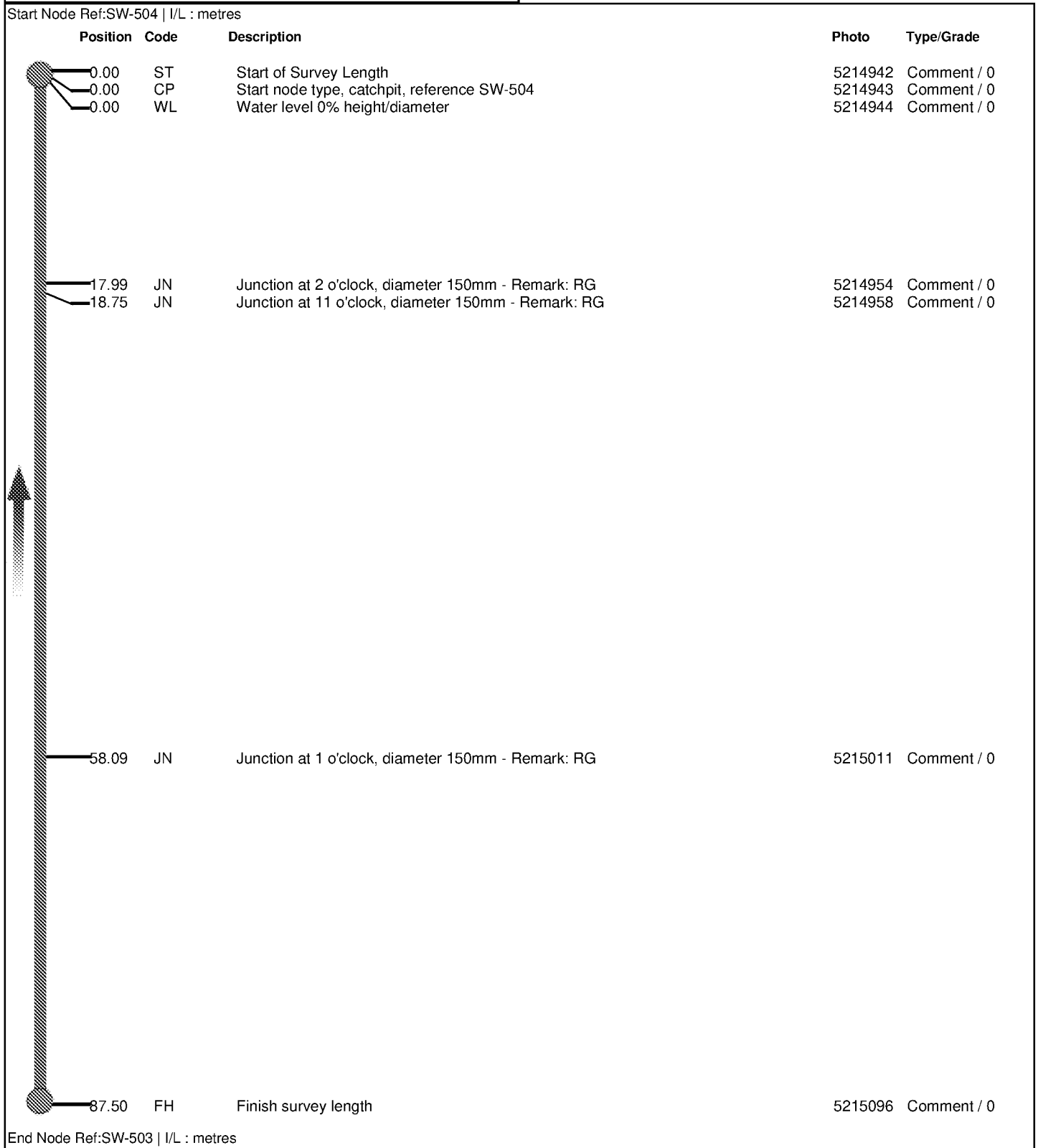


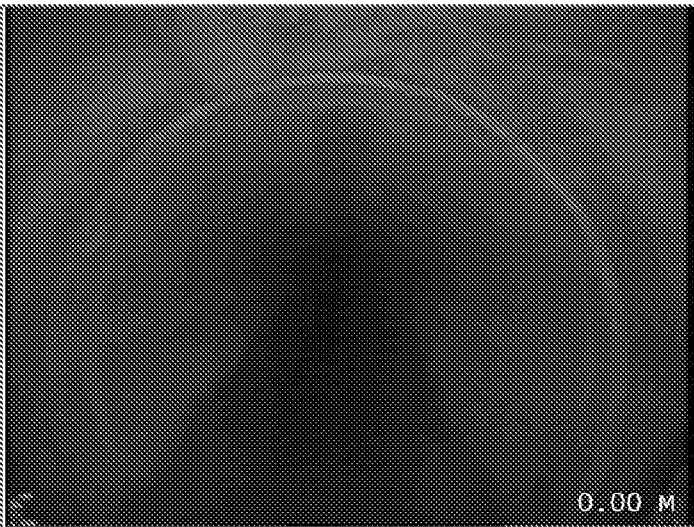
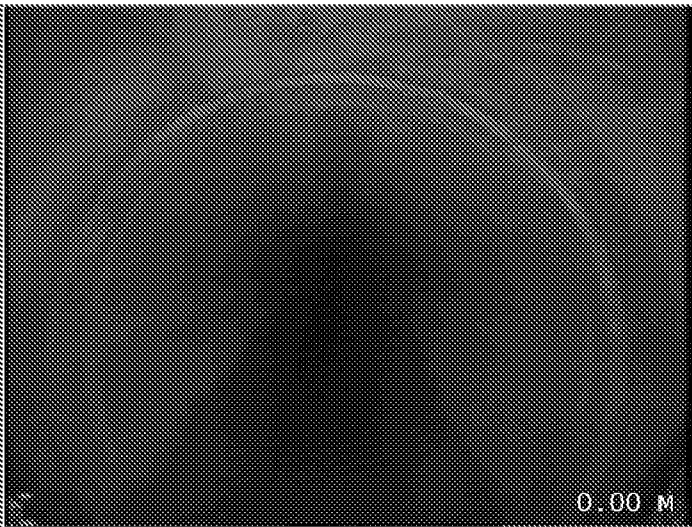
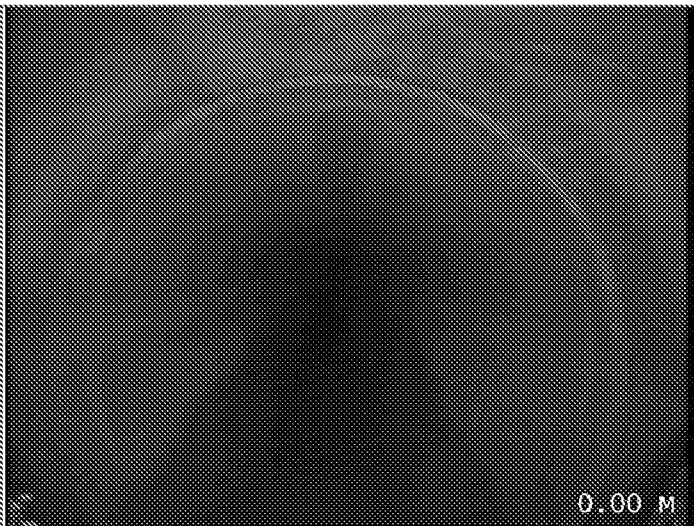
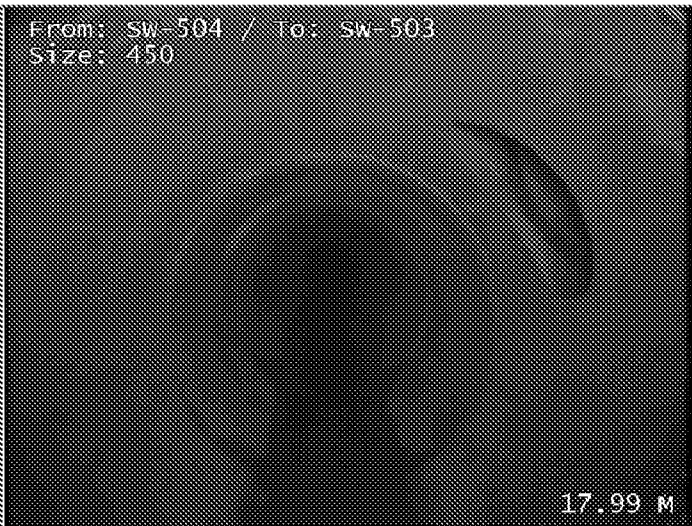
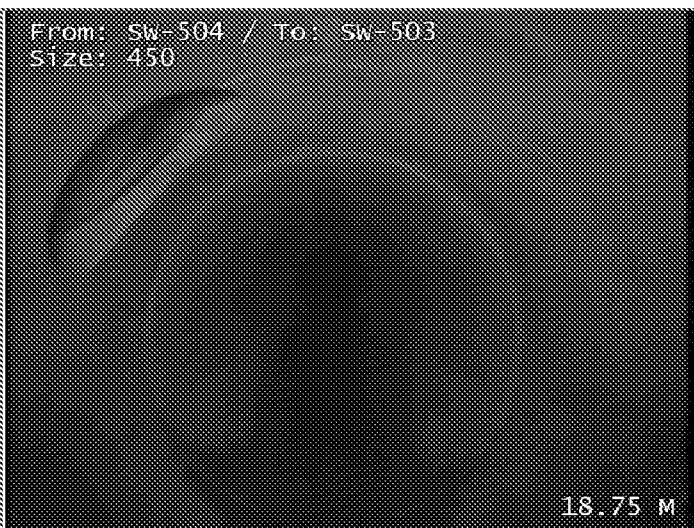
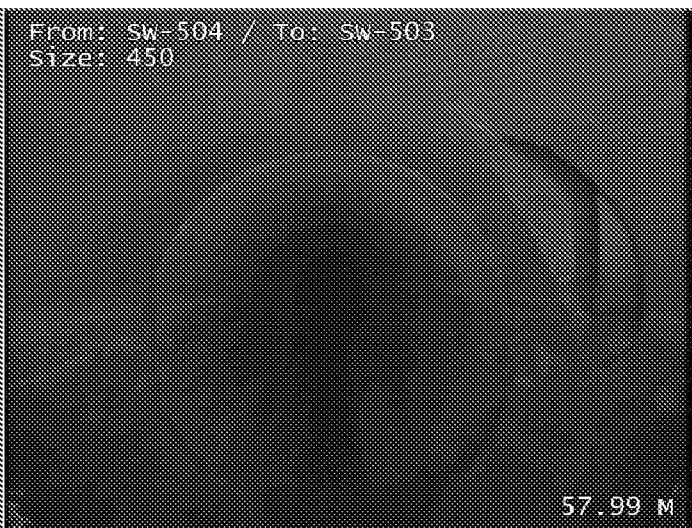
Water level 0% height/diameter



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-503 X	Date 23/06/2021	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 ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 450mm Material Concrete Category	Start Node SW-504 End Node SW-503 Total length 87.5 metres		
Scale 1:4.57 Direction Upstream				



Job Number 437	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 23/06/2021
 0.00 M Start of Survey Length		 0.00 M Start node type, catchpit, reference SW-504	
 0.00 M Water level 0% height/diameter		From: SW-504 / To: SW-503 Size: 450  17.99 M Junction at 2 o'clock, diameter 150mm - Remark: RG	
From: Sw-504 / To: Sw-503 Size: 450  18.75 M Junction at 11 o'clock, diameter 150mm - Remark: RG		From: Sw-504 / To: Sw-503 Size: 450  57.99 M Junction at 1 o'clock, diameter 150mm - Remark: RG	

Job Number
437

Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

Date
23/06/2021

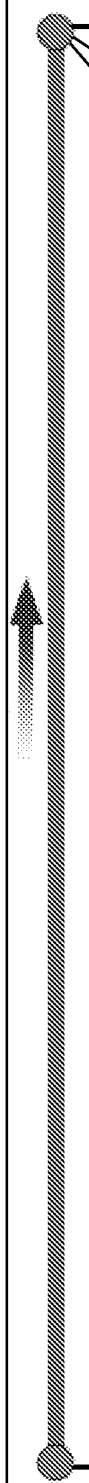
From: Sw-504 / To: Sw-503
Size: 450



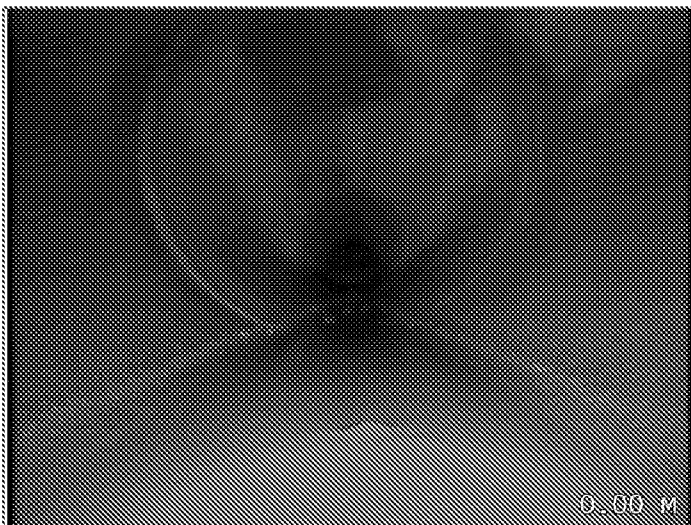
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-504 X	Date 23/06/2021	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 ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 600mm Material Concrete Category	Start Node SW-505 End Node SW-504 Total length 7.1 metres		
Scale 1:0.37 Direction Upstream				

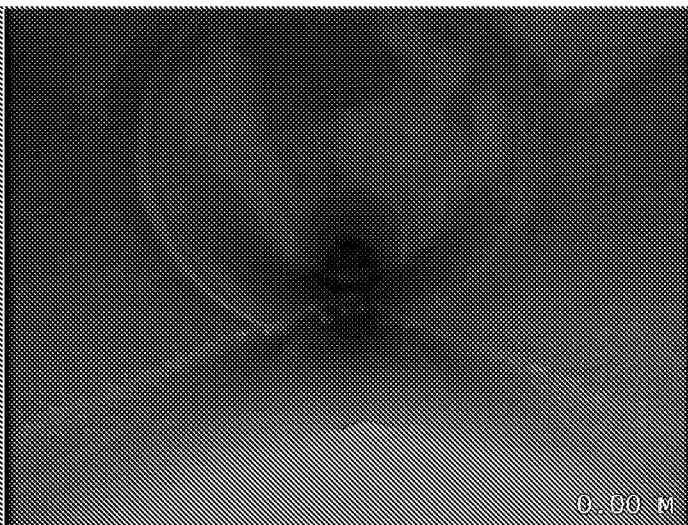
Start Node Ref:SW-505 | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	ST	Start of Survey Length	5215324	Comment / 0
0.00	SK	Start node type, soakaway, reference SW-505	5215325	Comment / 0
0.00	WL	Water level 0% height/diameter	5215326	Comment / 0
				
7.10	FH	Finish survey length	5215334	Comment / 0

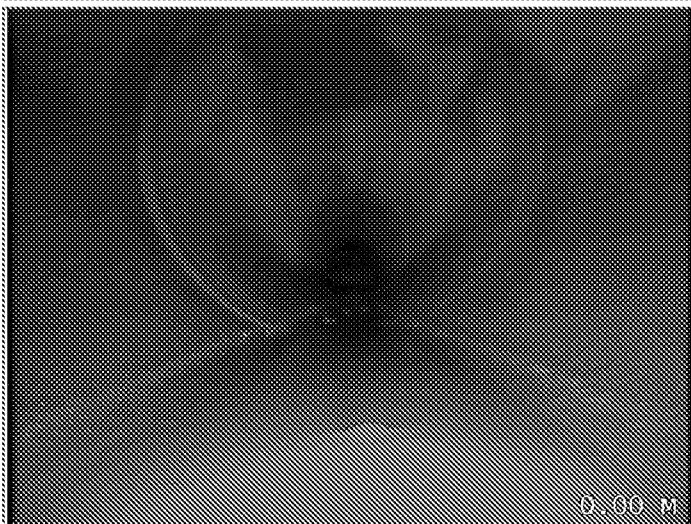
End Node Ref:SW-504 | I/L : metres

Job Number
437Surveyed by (Operator)
Luke ClaytonBase Unit
8J5R2AEYKLDate
23/06/2021

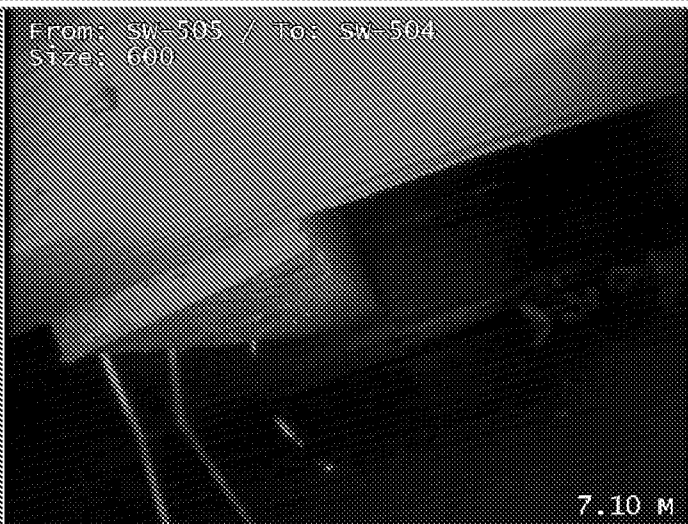
Start of Survey Length



Start node type, soakaway, reference SW-505



Water level 0% height/diameter



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-505 X	Date 23/06/2021	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 ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 0mm Material Concrete Category	Start Node SW-505 End Node SW-505A Total length 45.12 metres		
Scale 1:2.36 Direction Downstream				

Start Node Ref:SW-505 | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	ST	Start of Survey Length	5215363	Comment / 0
0.00	CP	Start node type, catchpit, reference SW-505	5215364	Comment / 0
0.00	WL	Water level 5% height/diameter	5215365	Comment / 0
0.00	REM	CULVERT	5215405	Comment / 0
				
45.12	FH	Finish survey length	5215403	Comment / 0

End Node Ref:SW-505A | I/L : metres

Job Number
437Surveyed by (Operator)
Luke ClaytonBase Unit
8J5R2AEYKLDate
23/06/2021

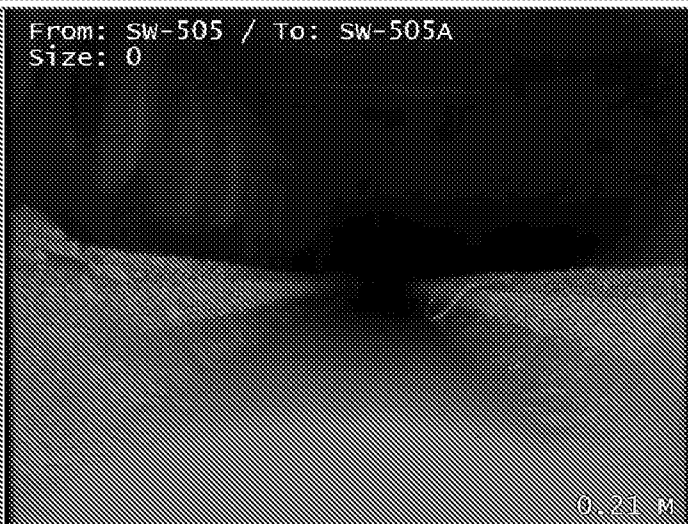
Start of Survey Length



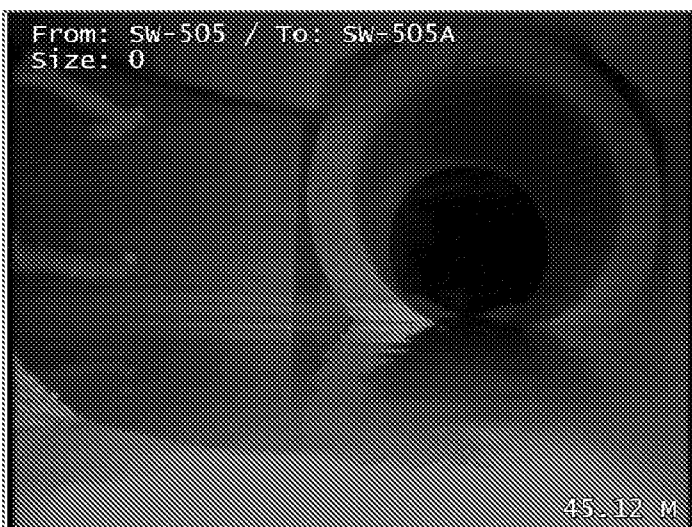
Start node type, catchpit, reference SW-505



Water level 5% height/diameter



CULVERT



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 10
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-505 End Node RG Total length 8.6 metres		
Scale 1:0.42 Direction Upstream				

Start Node Ref:SW-505 | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	ST	Start of Survey Length	5215418	Comment / 0
0.00	SK	Start node type, soakaway, reference SW-505	5215419	Comment / 0
0.00	WL	Water level 0% height/diameter	5215420	Comment / 0
8.60	FH	Finish survey length	5215421	Comment / 0

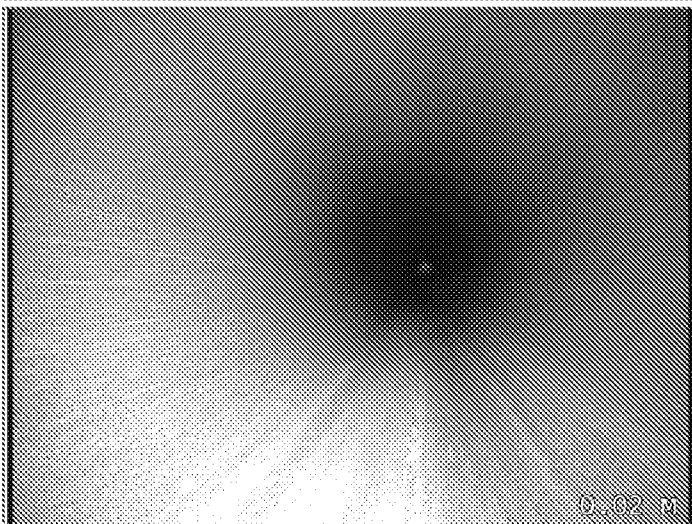
End Node Ref:RG | I/L : metres

Job Number
437Surveyed by (Operator)
Luke ClaytonBase Unit
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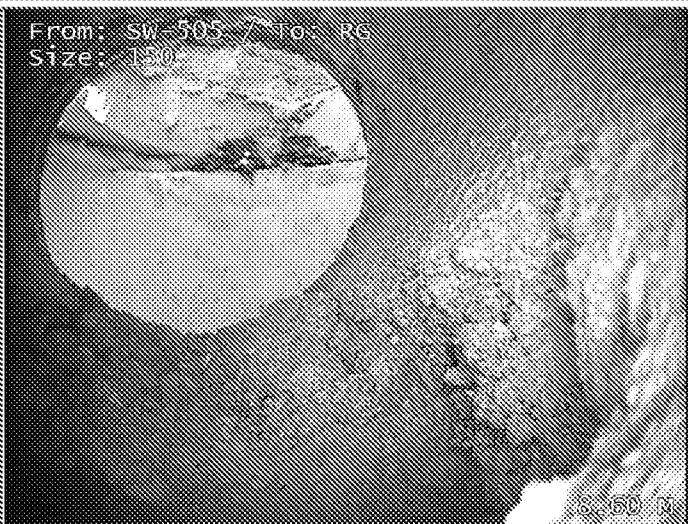
Start of Survey Length



Start node type, soakaway, reference SW-505



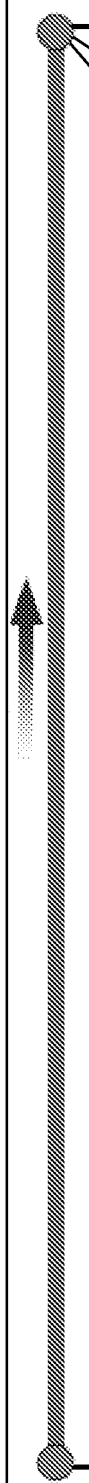
Water level 0% height/diameter



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 11
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-505 End Node RG Total length 3.38 metres		
Scale 1:0.16 Direction Upstream				

Start Node Ref:SW-505 | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	ST	Start of Survey Length	5215434	Comment / 0
0.00	SK	Start node type, soakaway, reference SW-505	5215435	Comment / 0
0.00	WL	Water level 0% height/diameter	5215437	Comment / 0
				
3.38	FH	Finish survey length	5215438	Comment / 0

End Node Ref:RG | I/L : metres

Job Number
437

Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

Date
23/06/2021



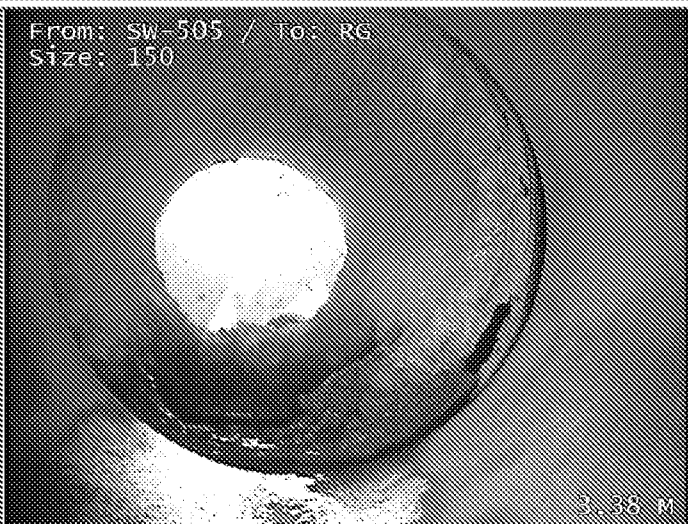
Start of Survey Length



Start node type, soakaway, reference SW-505

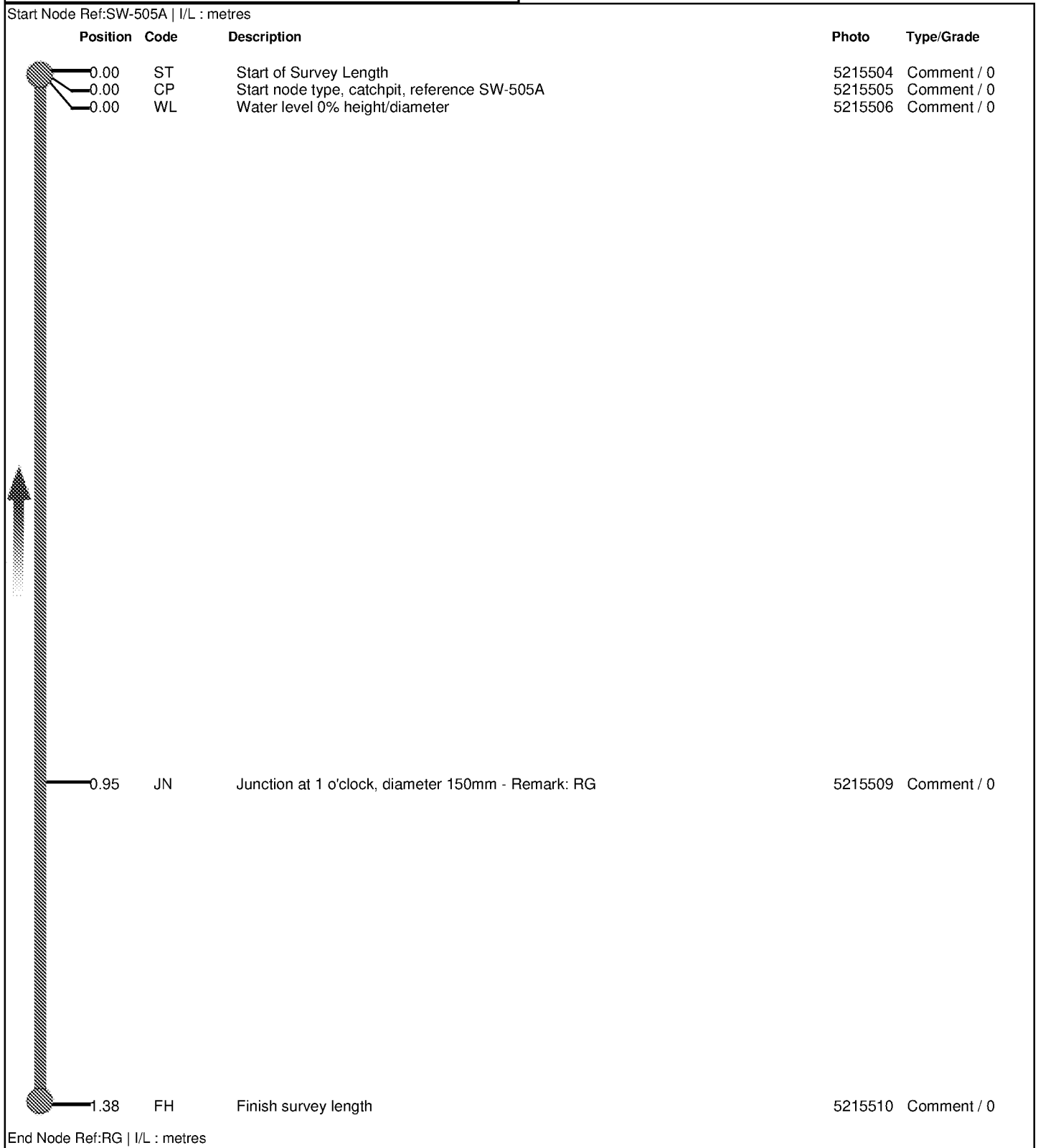


Water level 0% height/diameter



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 12
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-505A End Node RG Total length 1.38 metres		
Scale 1:0.05 Direction Upstream				

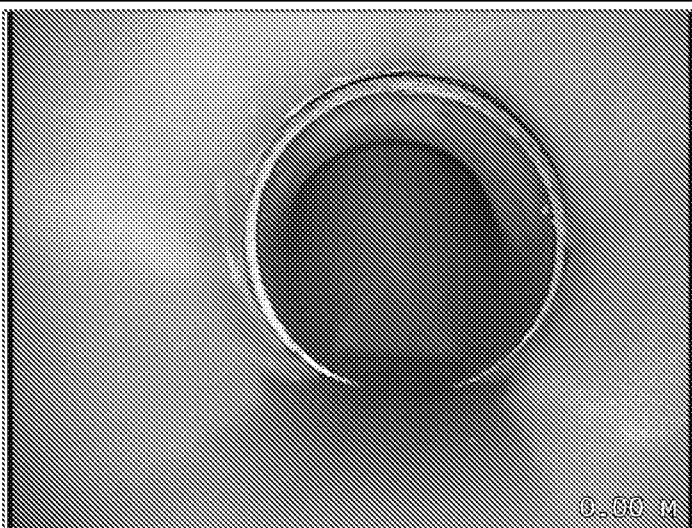


Job Number
437

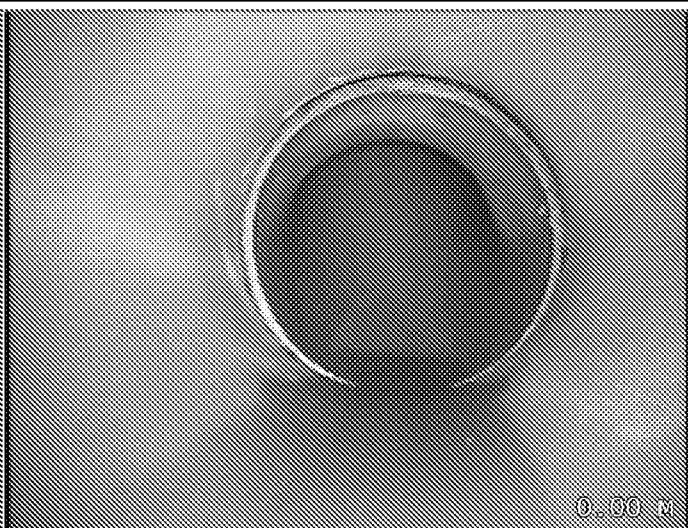
Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

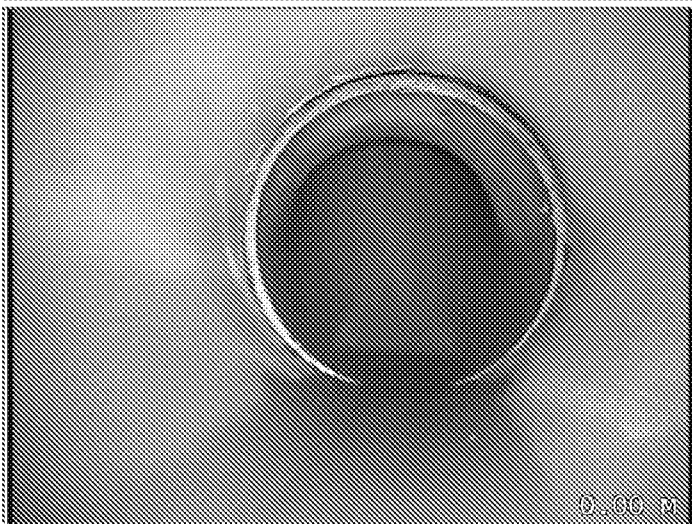
Date
23/06/2021



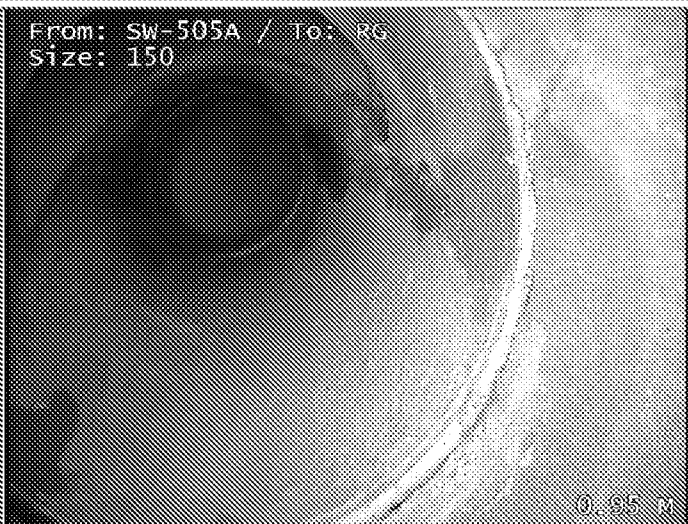
Start of Survey Length



Start node type, catchpit, reference SW-505A



Water level 0% height/diameter



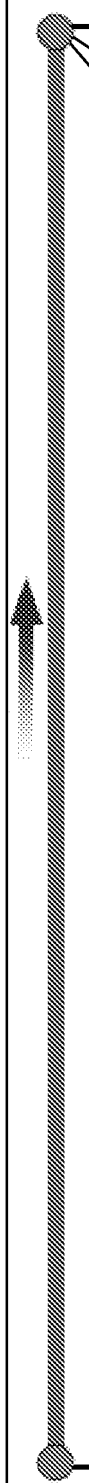
Junction at 1 o'clock, diameter 150mm - Remark: RG



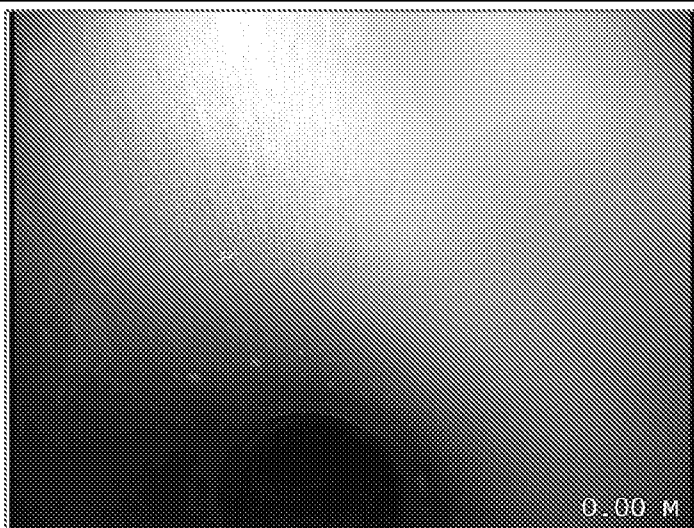
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 13
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-505A End Node RG Total length 5.43 metres		
Scale 1:0.26 Direction Upstream				

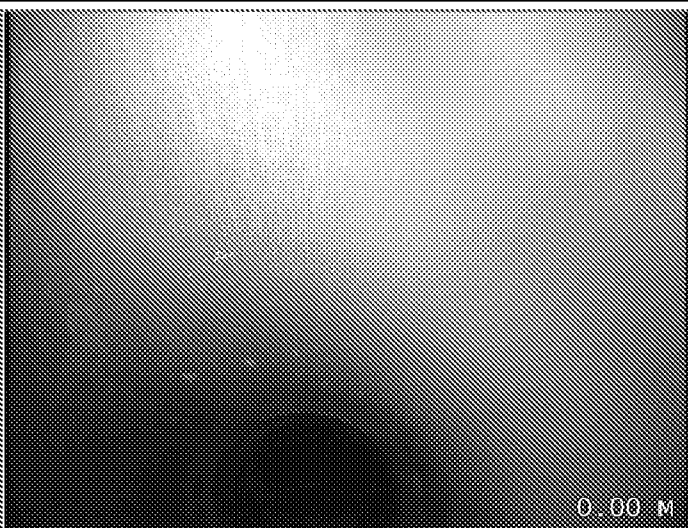
Start Node Ref:SW-505A | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	ST	Start of Survey Length	5215518	Comment / 0
0.00	CP	Start node type, catchpit, reference SW-505A	5215519	Comment / 0
0.00	WL	Water level 0% height/diameter	5215520	Comment / 0
				
5.43	FH	Finish survey length	5215524	Comment / 0

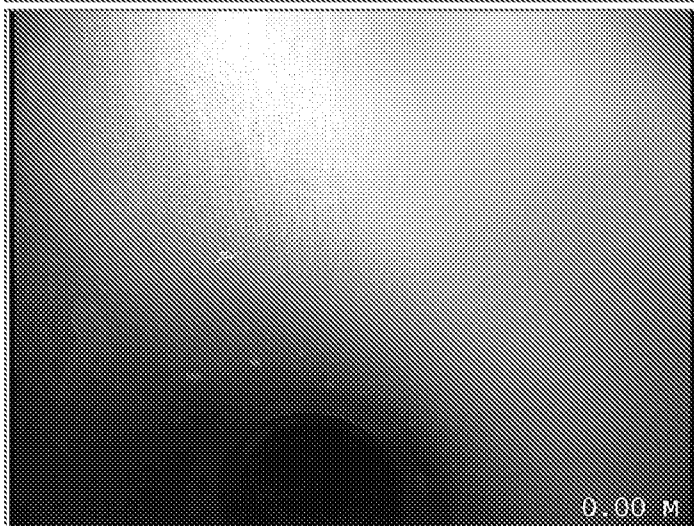
End Node Ref:RG | I/L : metres

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437Surveyed by (Operator)
Luke ClaytonBase Unit
8J5R2AEYKLDate
23/06/2021

Start of Survey Length



Start node type, catchpit, reference SW-505A

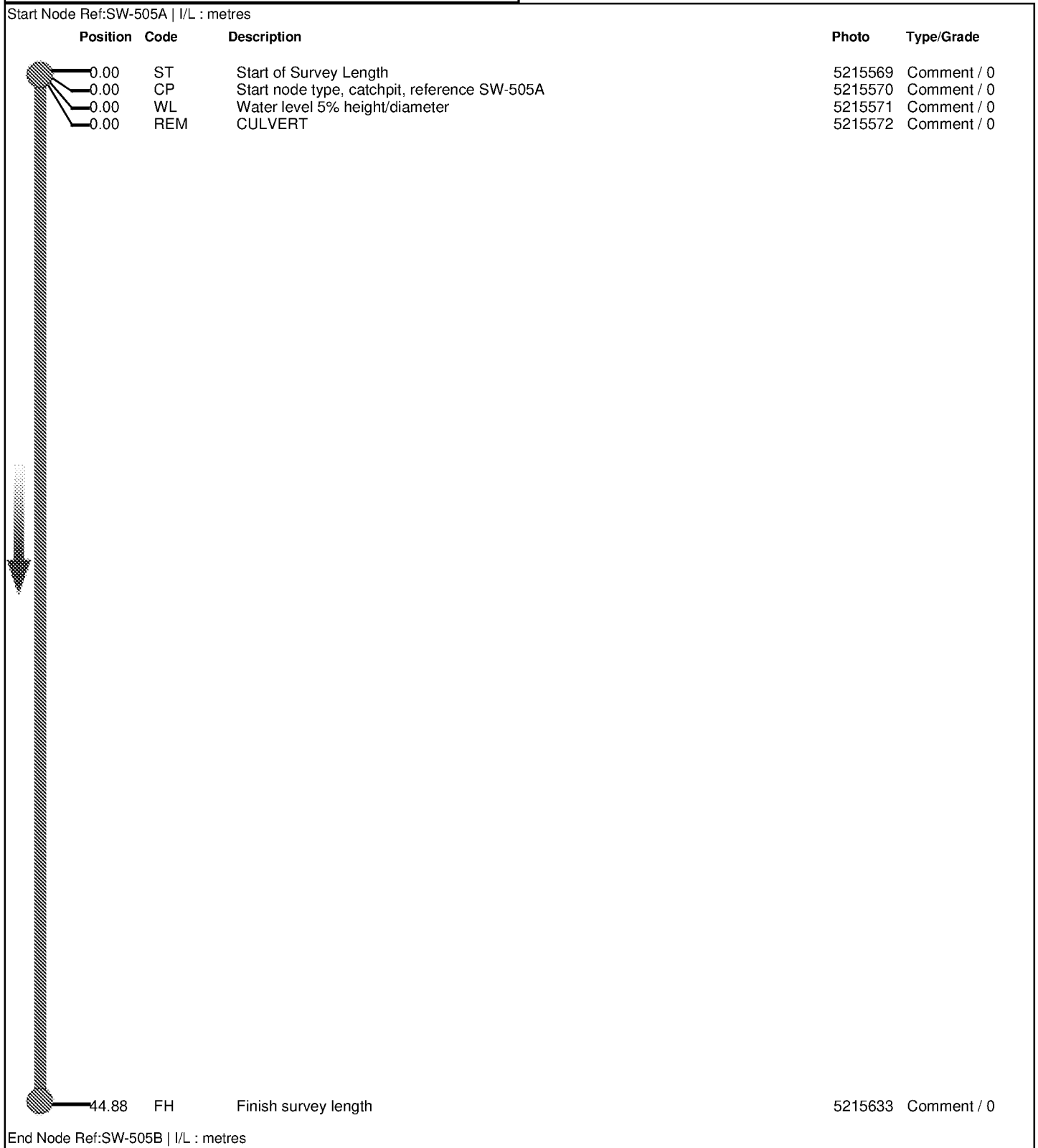


Water level 0% height/diameter



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-505A X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 14
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 0mm Material Concrete Category	Start Node SW-505A End Node SW-505B Total length 44.88 metres		
Scale 1:2.31 Direction Downstream				



Job Number
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Luke ClaytonBase Unit
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23/06/2021

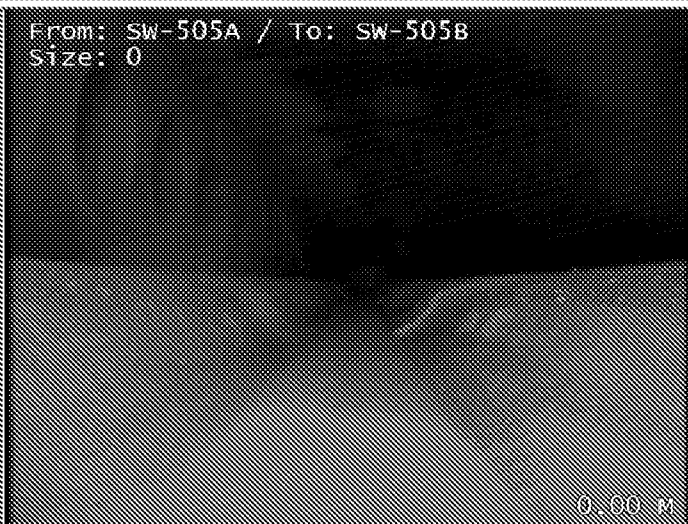
Start of Survey Length



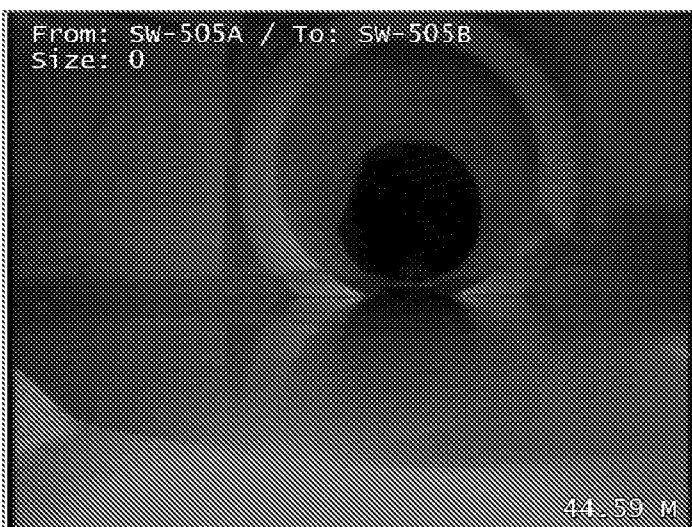
Start node type, catchpit, reference SW-505A



Water level 5% height/diameter

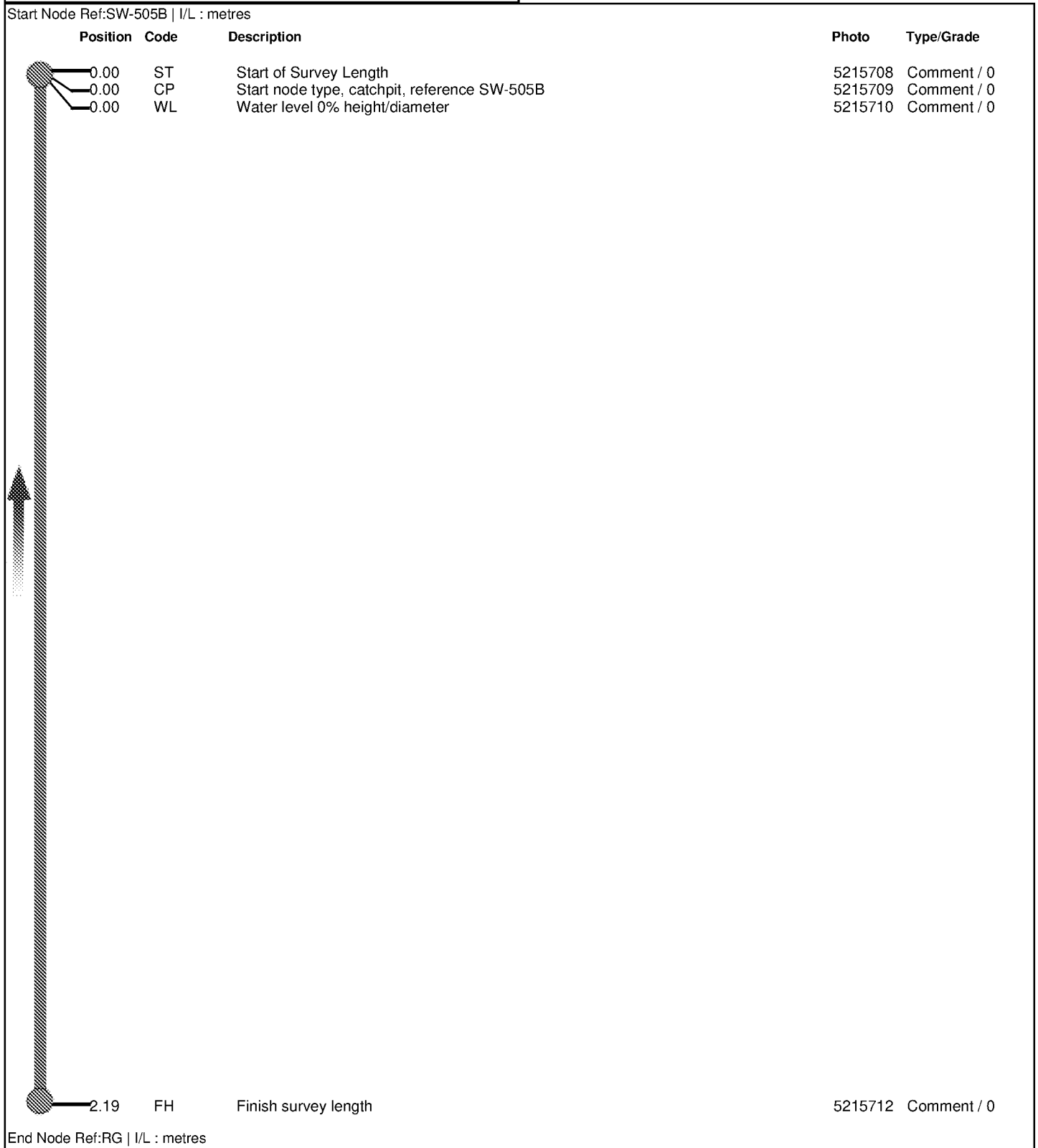


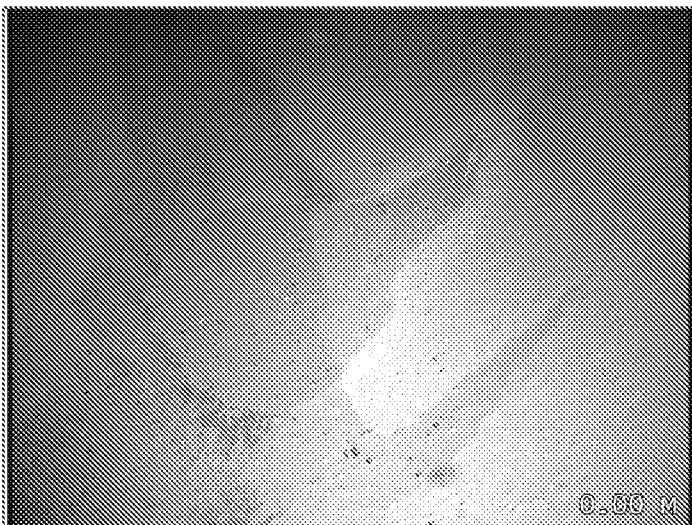
CULVERT



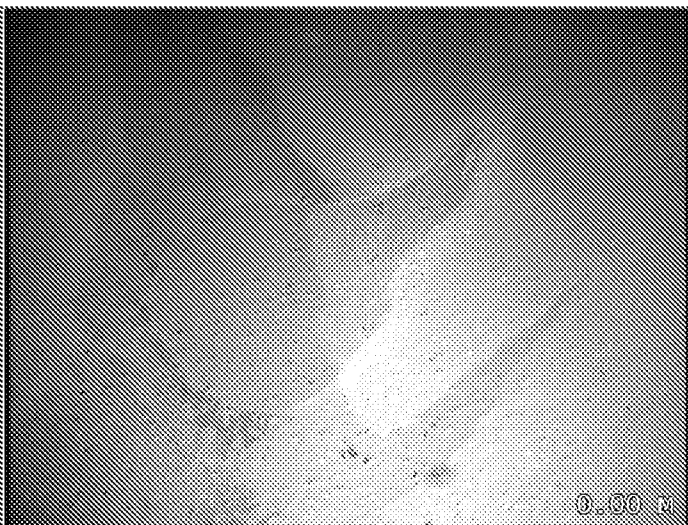
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 15
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-505B End Node RG Total length 2.19 metres		
Scale 1:0.10 Direction Upstream				



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Luke ClaytonBase Unit
8J5R2AEYKLDate
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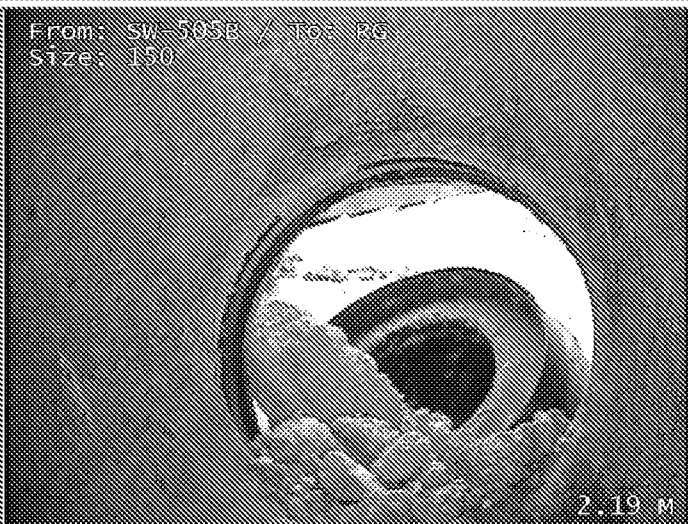
Start of Survey Length



Start node type, catchpit, reference SW-505B



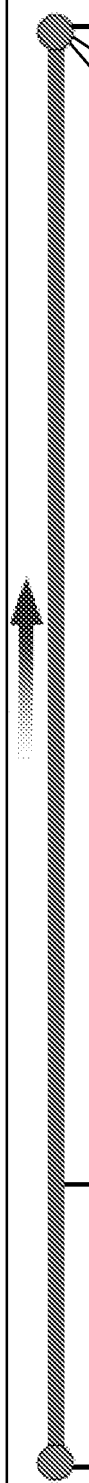
Water level 0% height/diameter



Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 16
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-505B End Node RG Total length 3.26 metres		
Scale 1:0.16 Direction Upstream				

Start Node Ref:SW-505B | I/L : metres

Position	Code	Description	Photo	Type/Grade
0.00	ST	Start of Survey Length	5215719	Comment / 0
0.00	CP	Start node type, catchpit, reference SW-505B	5215721	Comment / 0
0.00	WL	Water level 0% height/diameter	5215722	Comment / 0
				
2.62	JN	Junction at 2 o'clock, diameter 150mm - Remark: RG	5215724	Comment / 0
3.26	FH	Finish survey length	5215730	Comment / 0

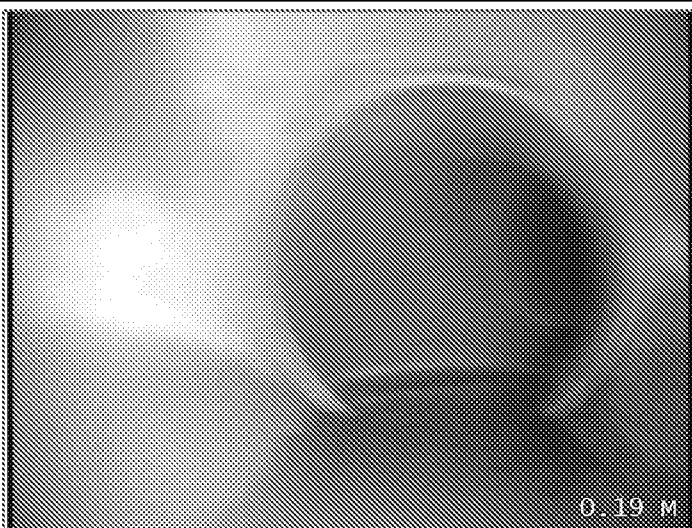
End Node Ref:RG | I/L : metres

Job Number
437

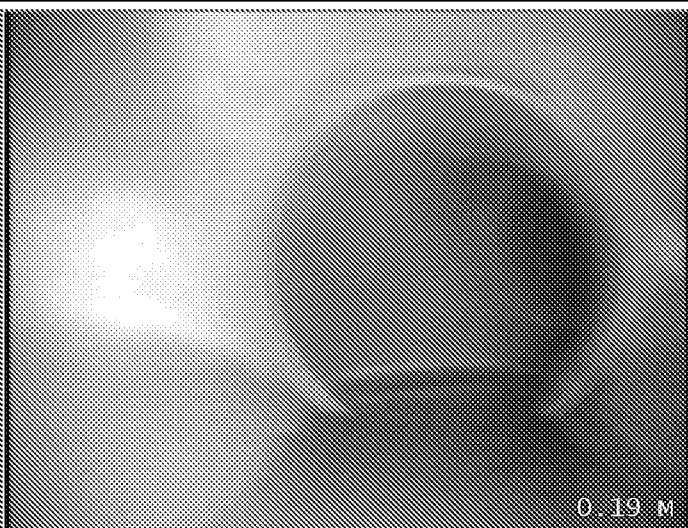
Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

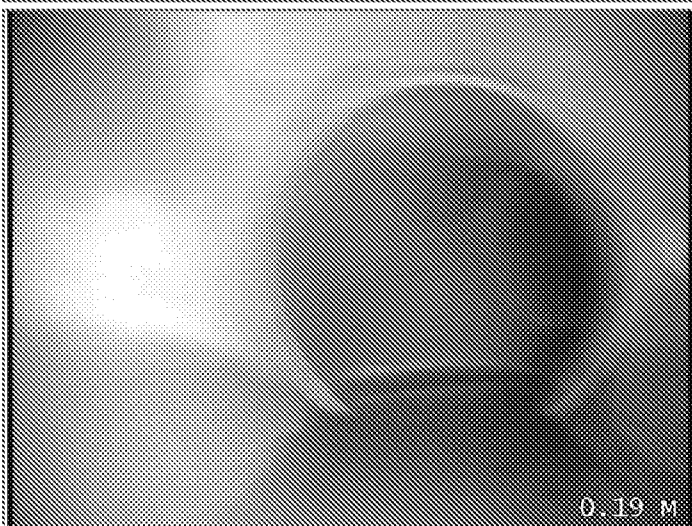
Date
23/06/2021



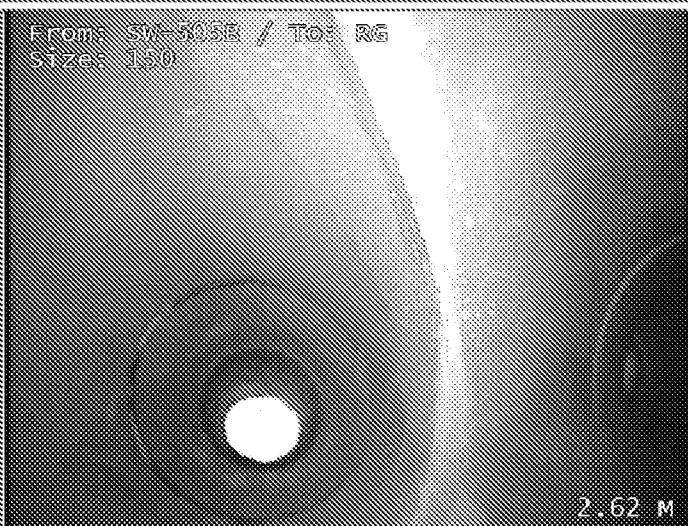
Start of Survey Length



Start node type, catchpit, reference SW-505B



Water level 0% height/diameter



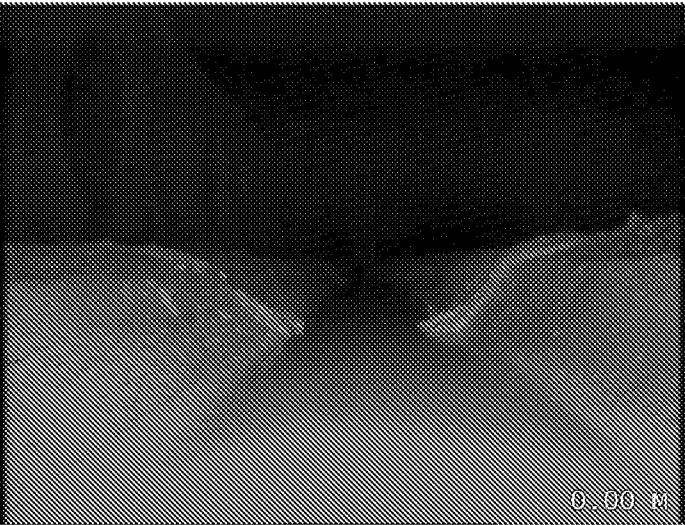
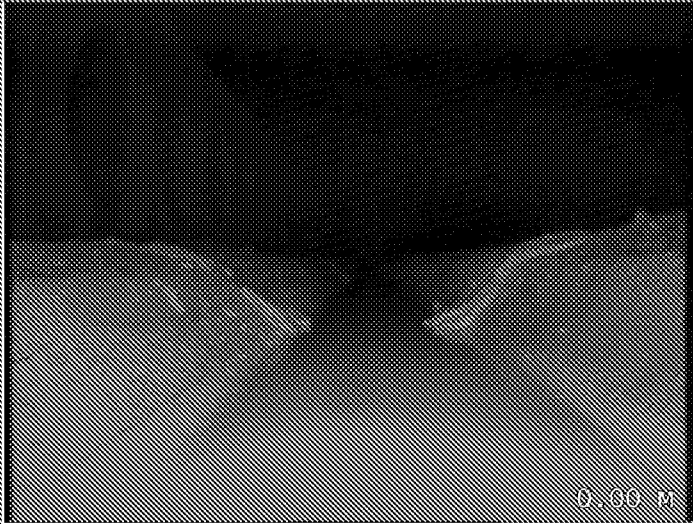
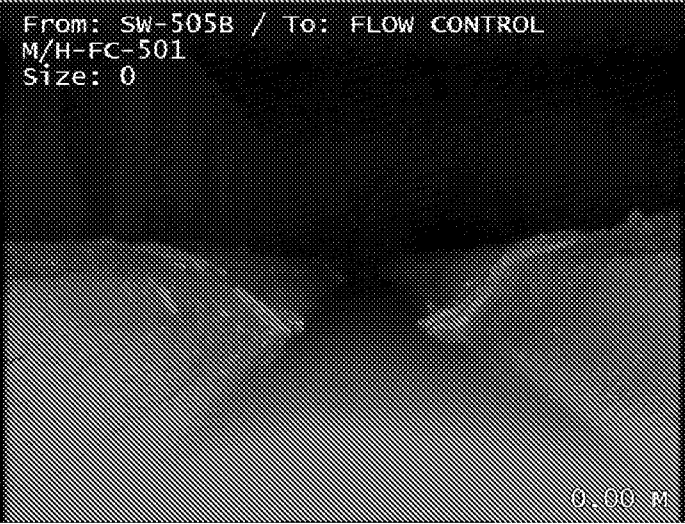
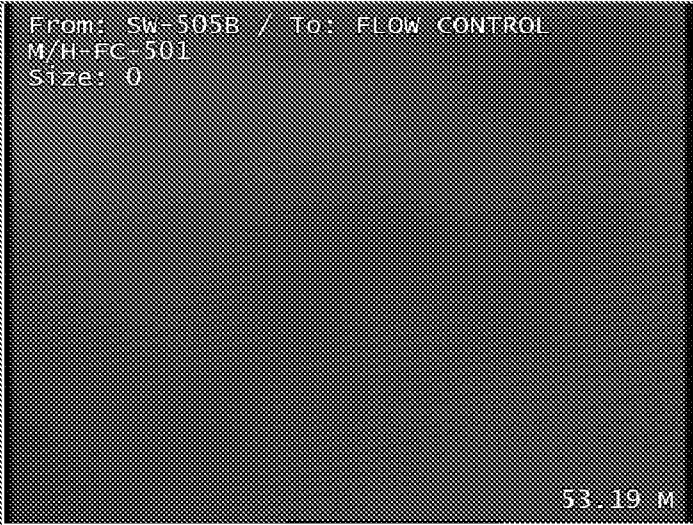
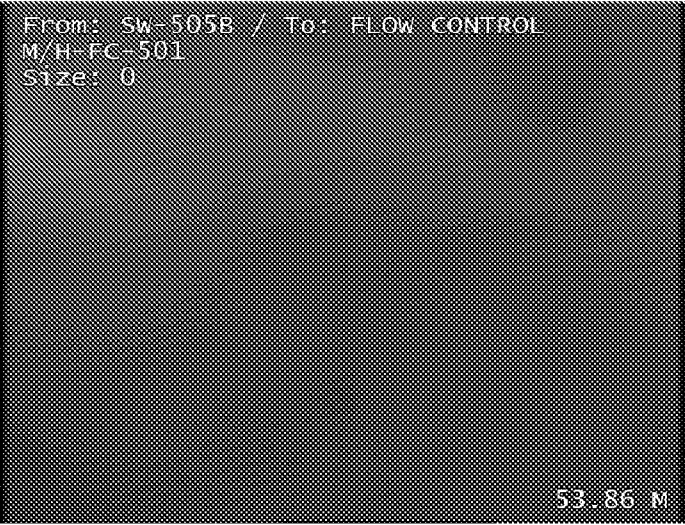
Junction at 2 o'clock, diameter 150mm - Remark: RG



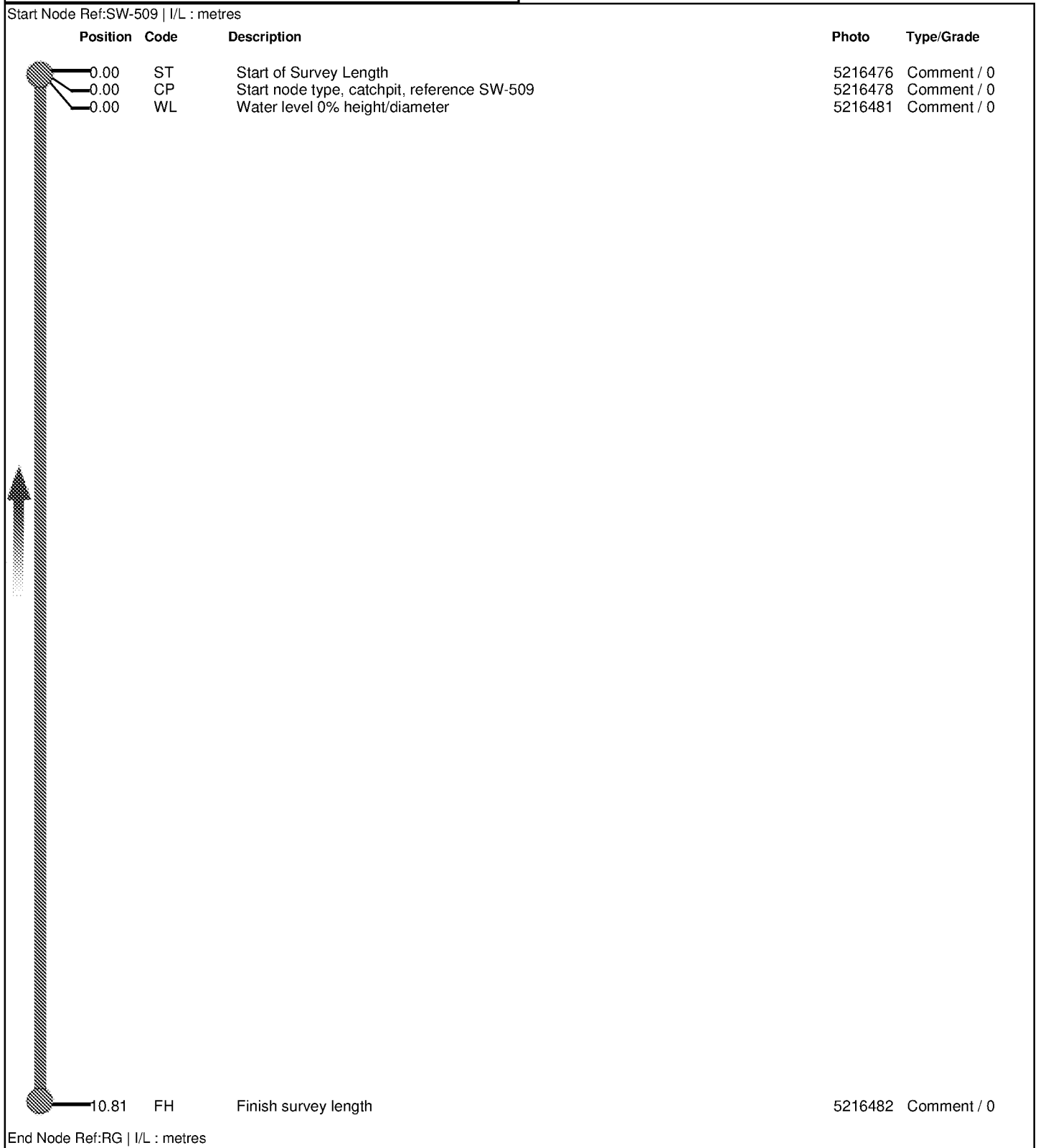
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-505B X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 17
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 0mm Material Concrete Category	Start Node SW-505B End Node FLOW CONTROL M/H-FC-501 Total length 54.67 metres		
Scale 1:2.83 Direction Downstream				

Start Node Ref:SW-505B I/L : metres						
Position	Code	Description		Photo	Type/Grade	
0.00	ST	Start of Survey Length		5215769	Comment / 0	
0.00	CP	Start node type, catchpit, reference SW-505B		5215770	Comment / 0	
0.00	WL	Water level 5% height/diameter		5215771	Comment / 0	
0.00	REM	CULVERT		5215773	Comment / 0	
						
53.19	FH	Finish survey length		5215885	Comment / 0	
54.67	SA	Survey abandoned - Remark: HIGH WATER LEVEL DUE TO HYDROBRAKER		5215884	Comment / 0	
End Node Ref:FLOW CONTROL M/H-FC-501 I/L : metres						

Job Number 437	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 23/06/2021
 0.00 M		 0.00 M	
Start of Survey Length		Start node type, catchpit, reference SW-505B	
 0.00 M		From: SW-505B / To: FLOW CONTROL M/H-FC-501 Size: 0  0.00 M	
Water level 5% height/diameter		CULVERT	
From: Sw-505B / To: FLOW CONTROL M/H-FC-501 Size: 0  53.19 M		From: Sw-505B / To: FLOW CONTROL M/H-FC-501 Size: 0  53.86 M	
Finish survey length		Survey abandoned - Remark: HIGH WATER LEVEL DUE TO HYDROBRAKER	

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 18
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-509 End Node RG Total length 10.81 metres		
Scale 1:0.52 Direction Upstream				

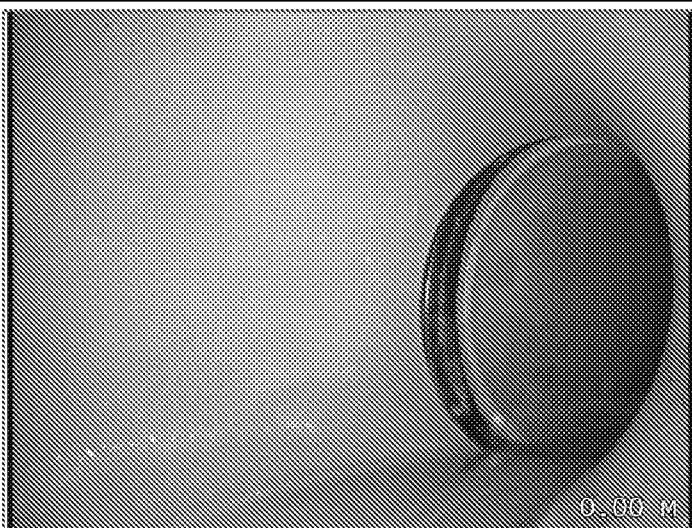


Job Number
437

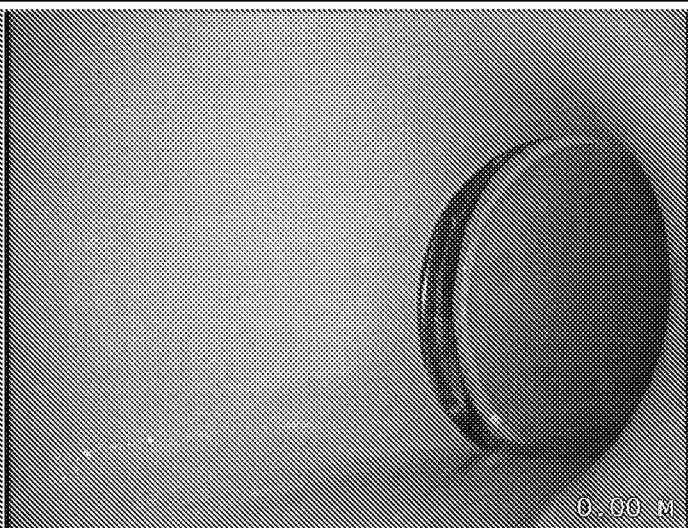
Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

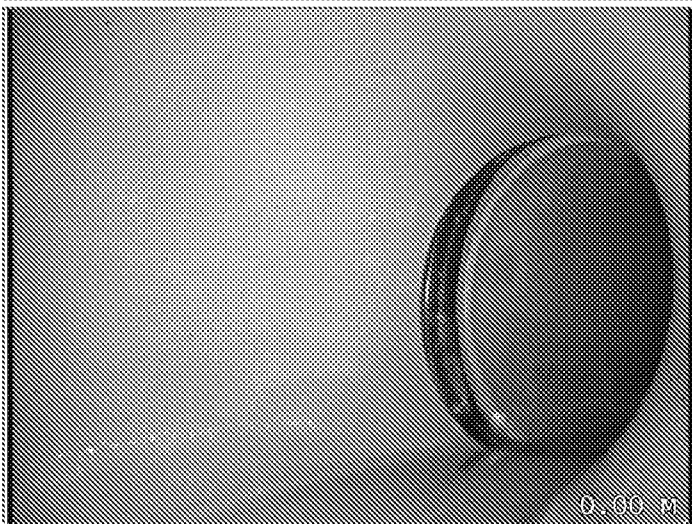
Date
23/06/2021



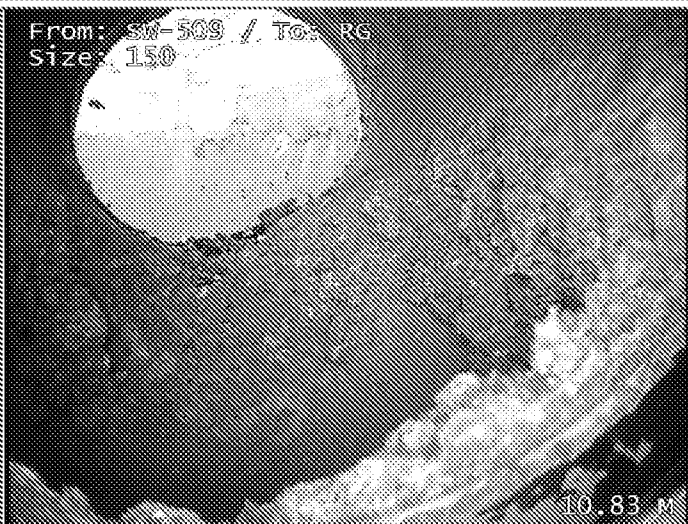
Start of Survey Length



Start node type, catchpit, reference SW-509

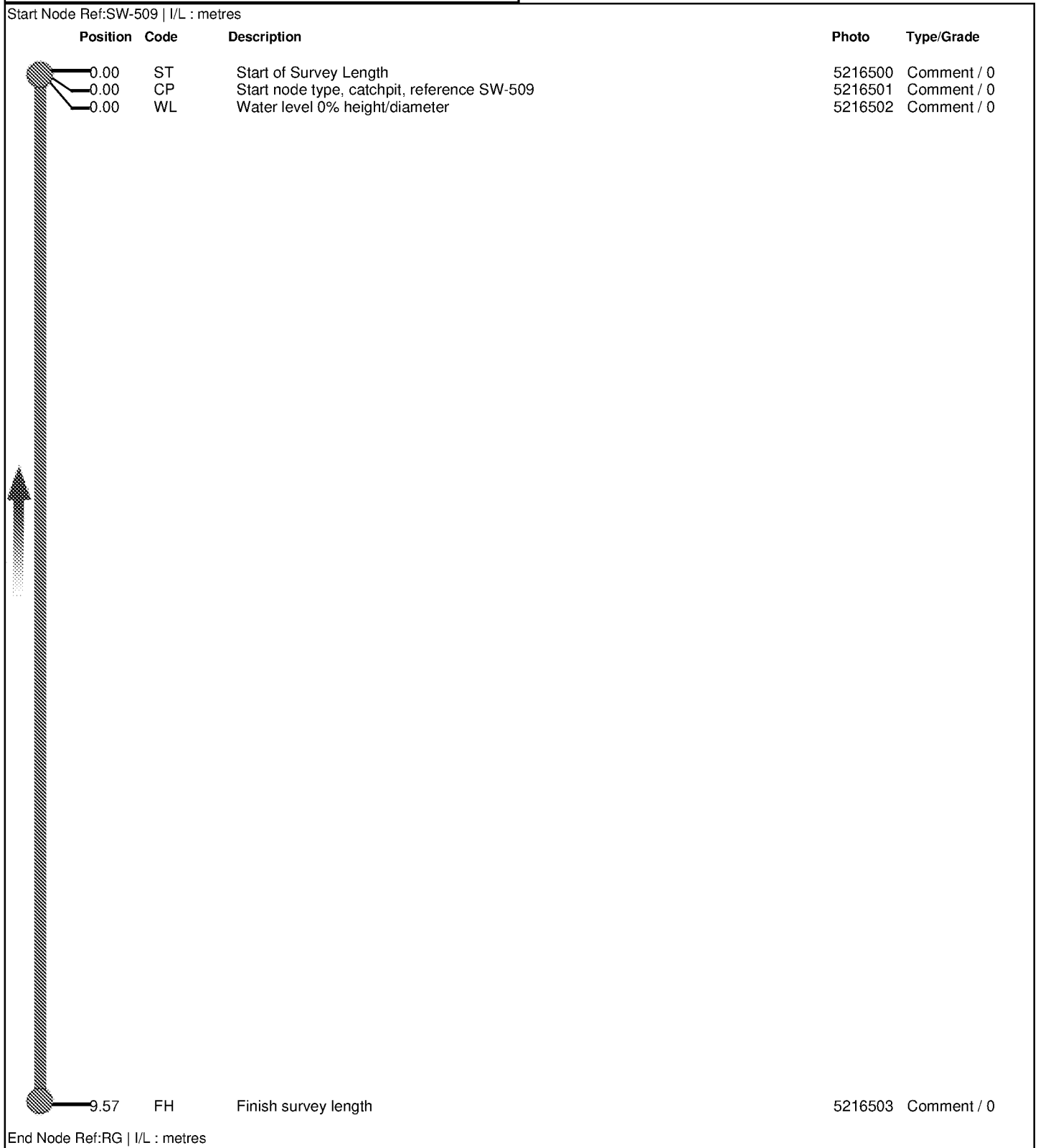


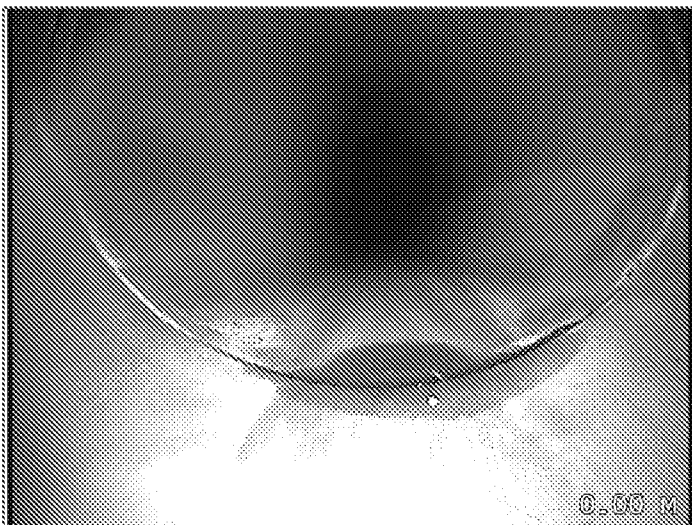
Water level 0% height/diameter



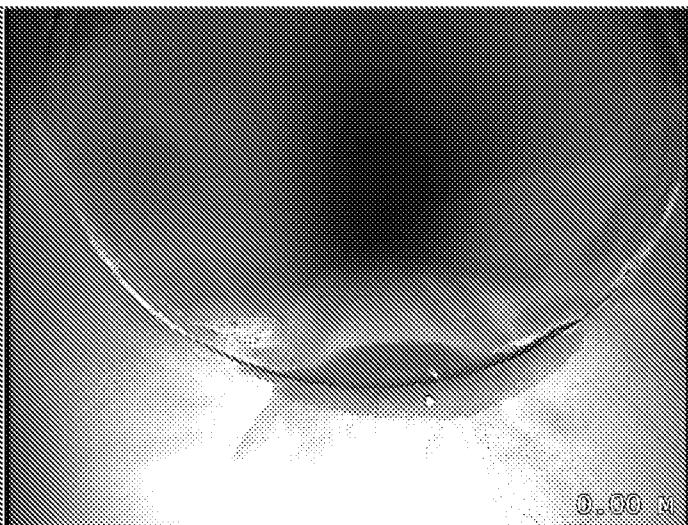
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 19
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-509 End Node RG Total length 9.57 metres		
Scale 1:0.47 Direction Upstream				

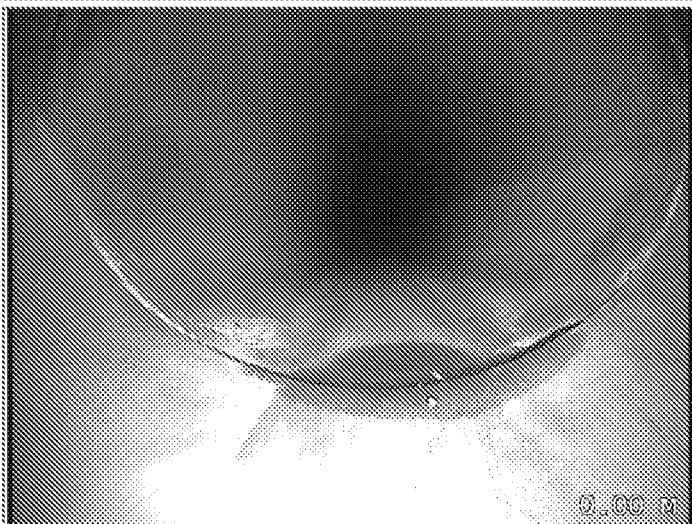


Job Number
437Surveyed by (Operator)
Luke ClaytonBase Unit
8J5R2AEYKLDate
23/06/2021

Start of Survey Length



Start node type, catchpit, reference SW-509



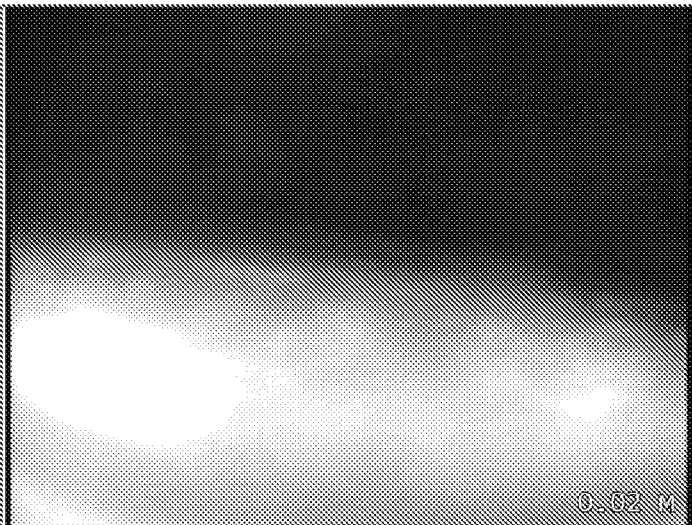
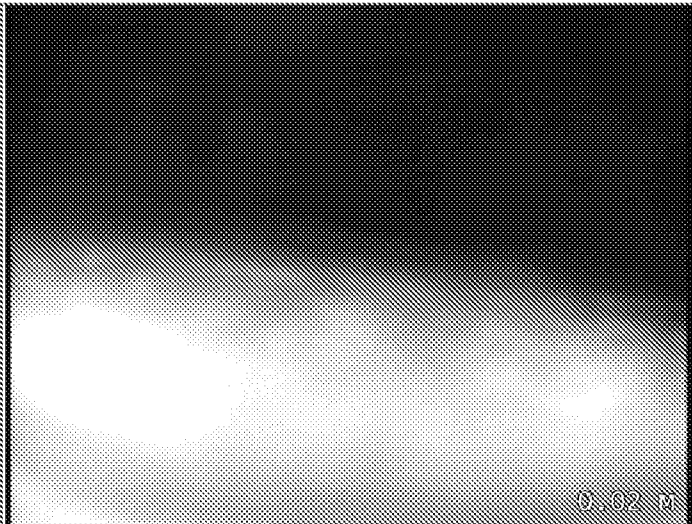
Water level 0% height/diameter



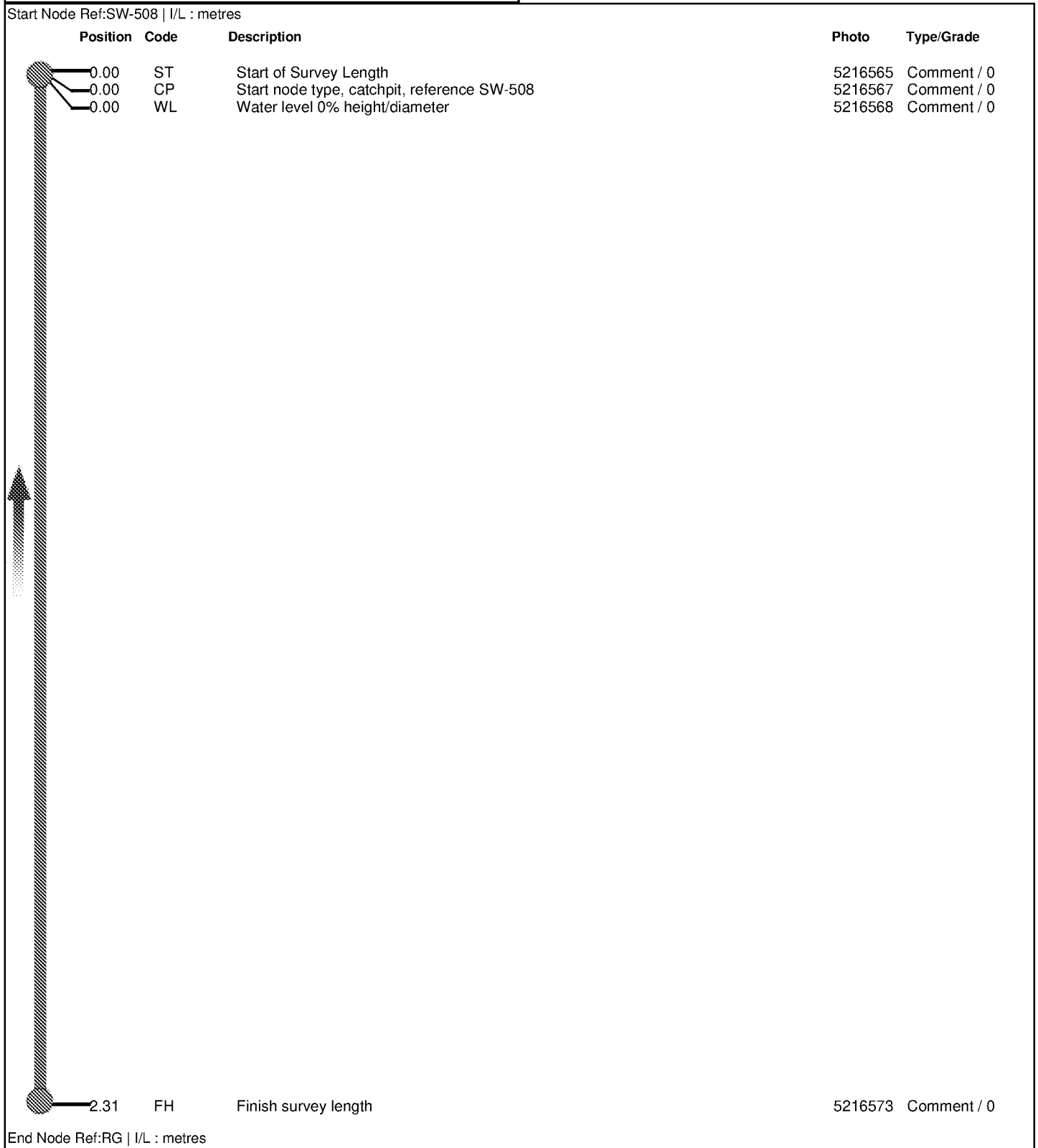
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-509 X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 20
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 225mm Material Vitrified clay Category	Start Node SW-509 End Node FLOW CONTROL M/H-FC-501 Total length 0.55 metres		
Scale 1:0.00 Direction Downstream				

Start Node Ref:SW-509 I/L : metres						
Position	Code	Description		Photo	Type/Grade	
0.00	ST	Start of Survey Length		5216523	Comment / 0	
0.00	CP	Start node type, catchpit, reference SW-509		5216524	Comment / 0	
0.00	WL	Water level 30% height/diameter		5216525	Comment / 0	
						
0.55	SA	Survey abandoned - Remark: CAMERA UNDERWATER DUE TO HYDROBRAKER		5216537	Comment / 0	
0.55	FH	Finish survey length		5216538	Comment / 0	
End Node Ref:FLOW CONTROL M/H-FC-501 I/L : metres						

Job Number 437	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 23/06/2021
			
Start of Survey Length		Start node type, catchpit, reference SW-509	
		From: SW-509 / To: FLOW CONTROL M/H-FC-501 Size: 225 	
Water level 30% height/diameter		Survey abandoned - Remark: CAMERA UNDERWATER DUE TO HYDROBRAKER	
From: SW-509 / To: FLOW CONTROL M/H-FC-501 Size: 225 			
Finish survey length			

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 21
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-508 End Node RG Total length 2.31 metres		
Scale 1:0.10 Direction Upstream				

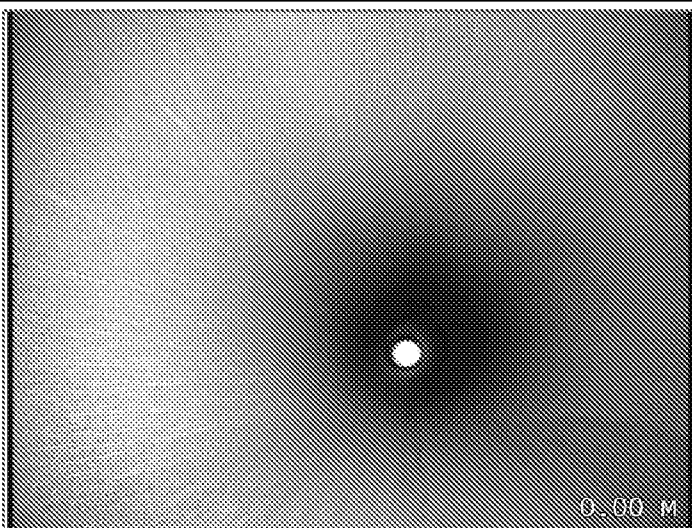


Job Number
437

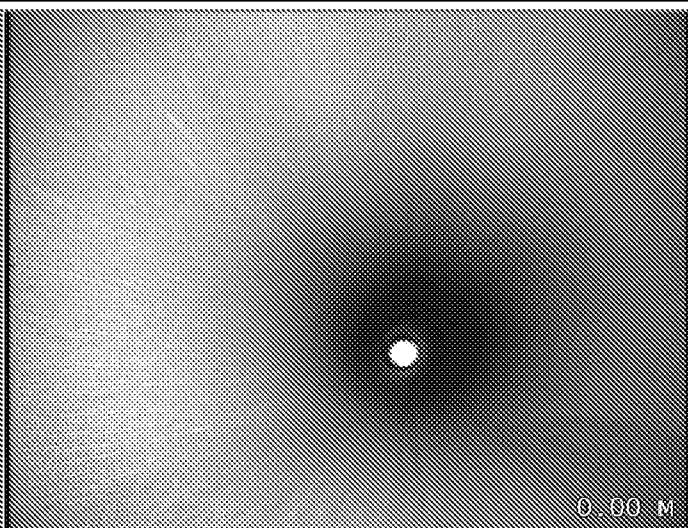
Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

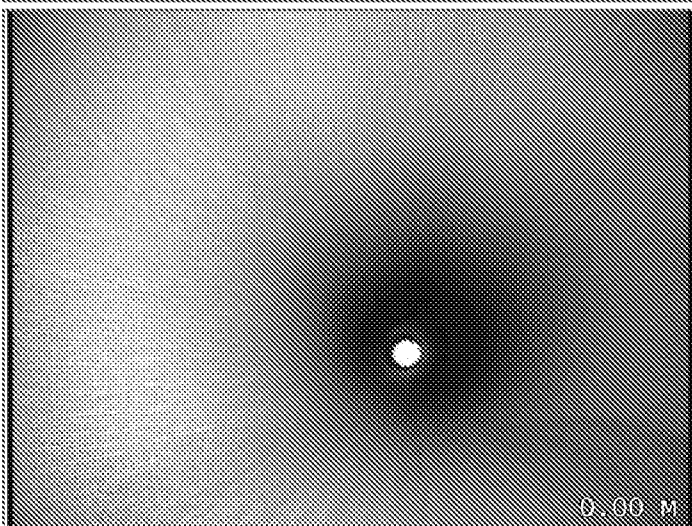
Date
23/06/2021



Start of Survey Length



Start node type, catchpit, reference SW-508

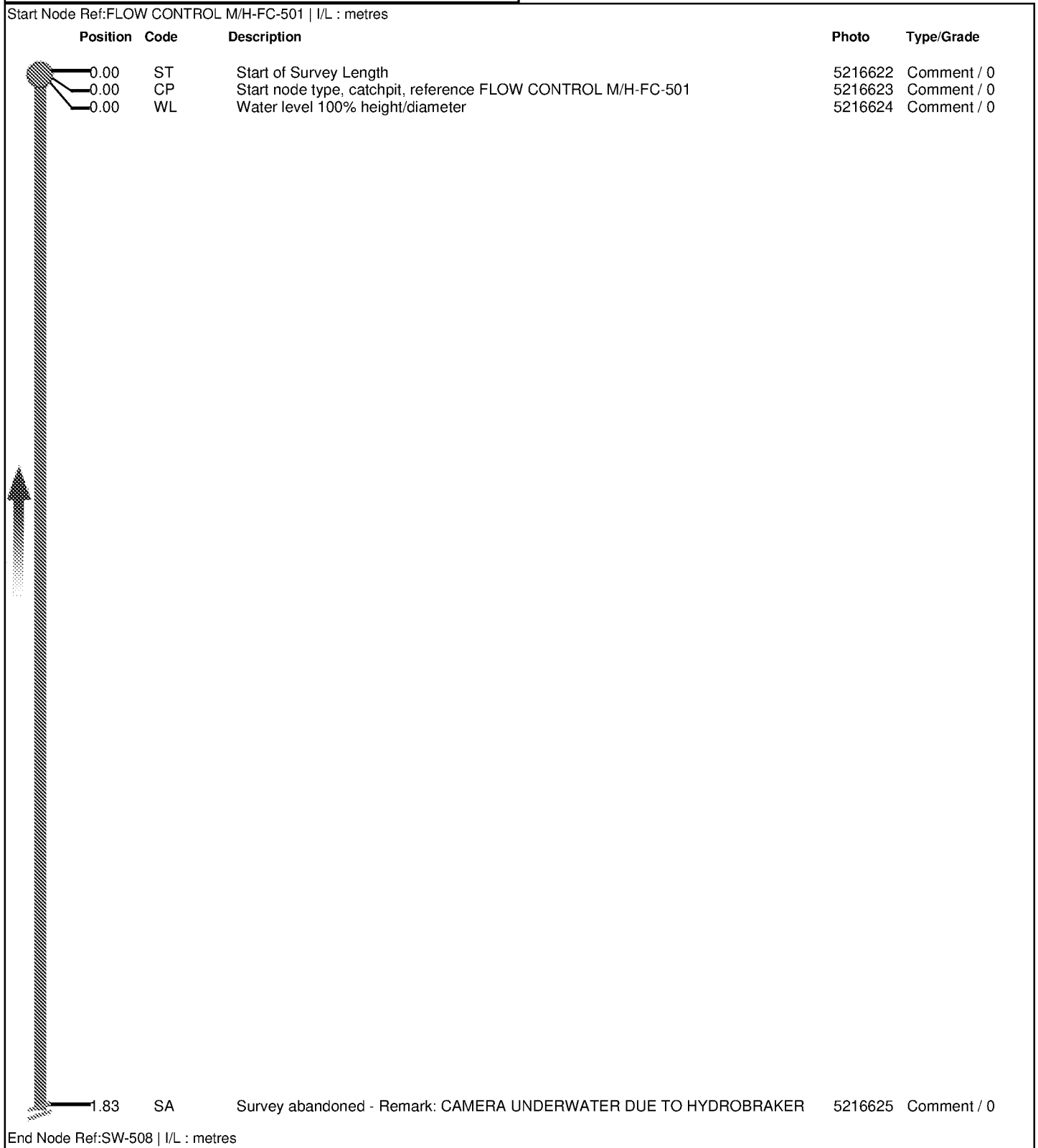


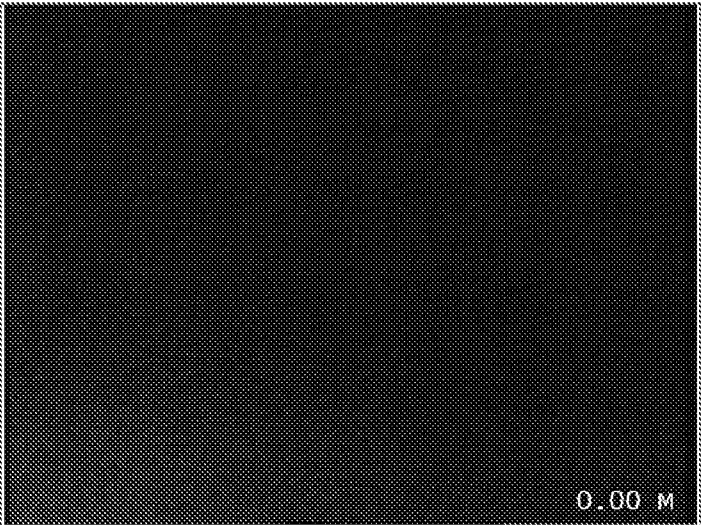
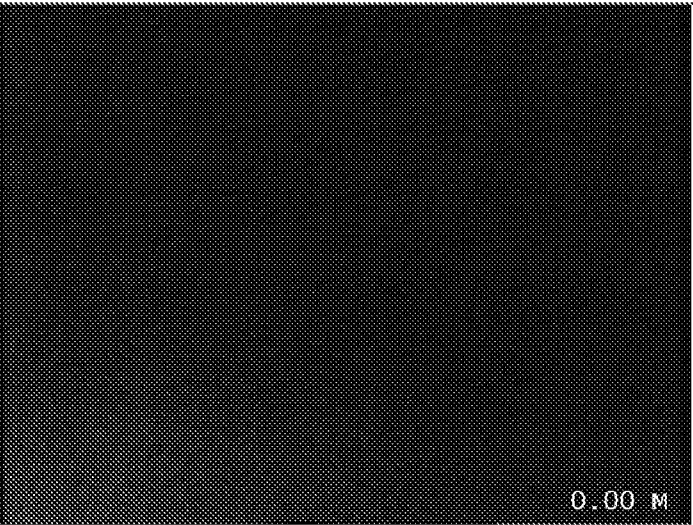
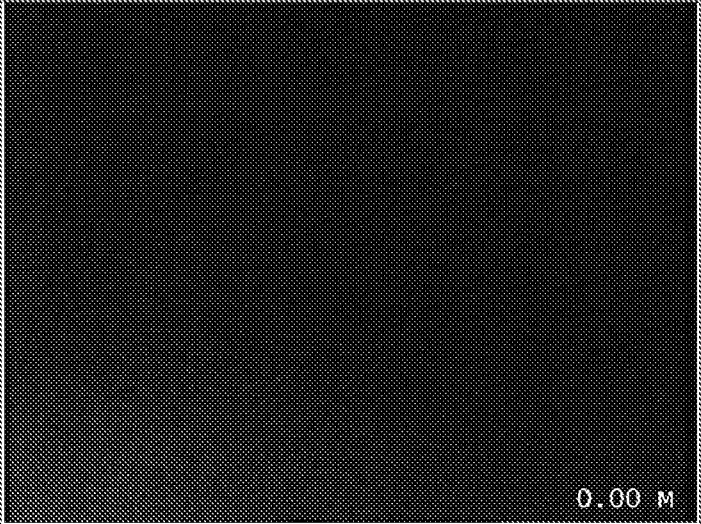
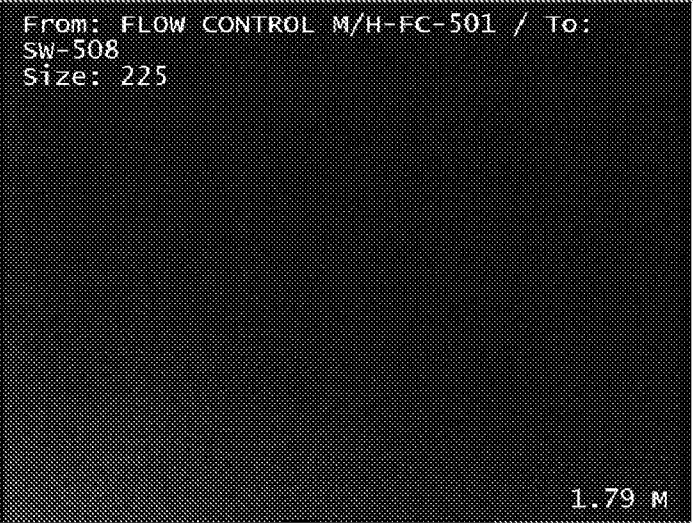
Water level 0% height/diameter



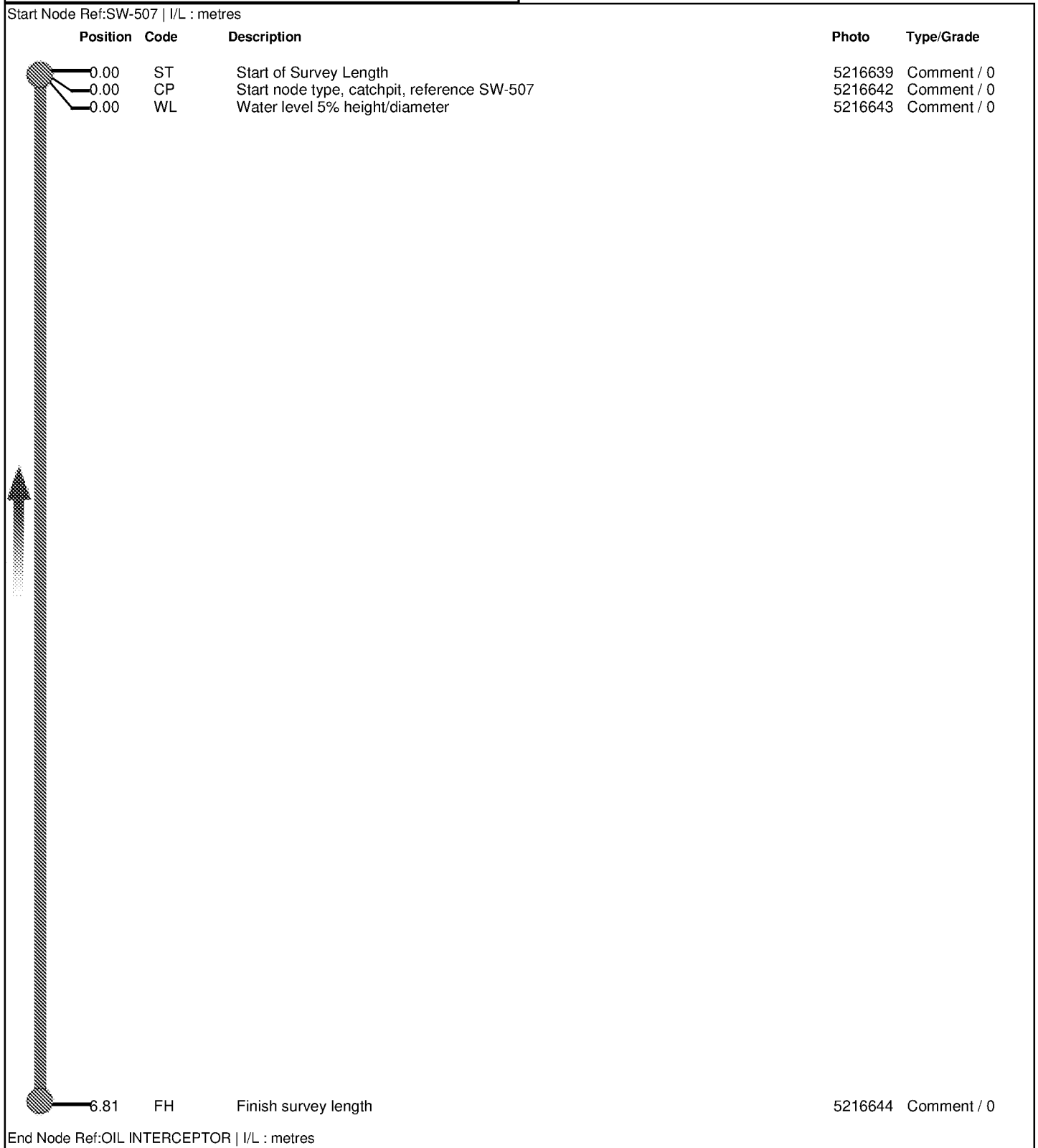
Finish survey length

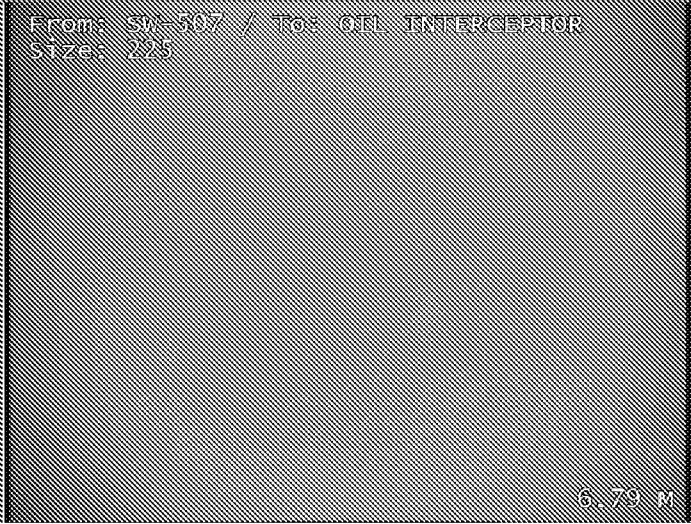
Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-508 X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 22
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 225mm Material Vitrified clay Category	Start Node FLOW CONTROL M/H-FC-501 End Node SW-508 Total length 1.83 metres		
Scale 1:0.05 Direction Upstream				



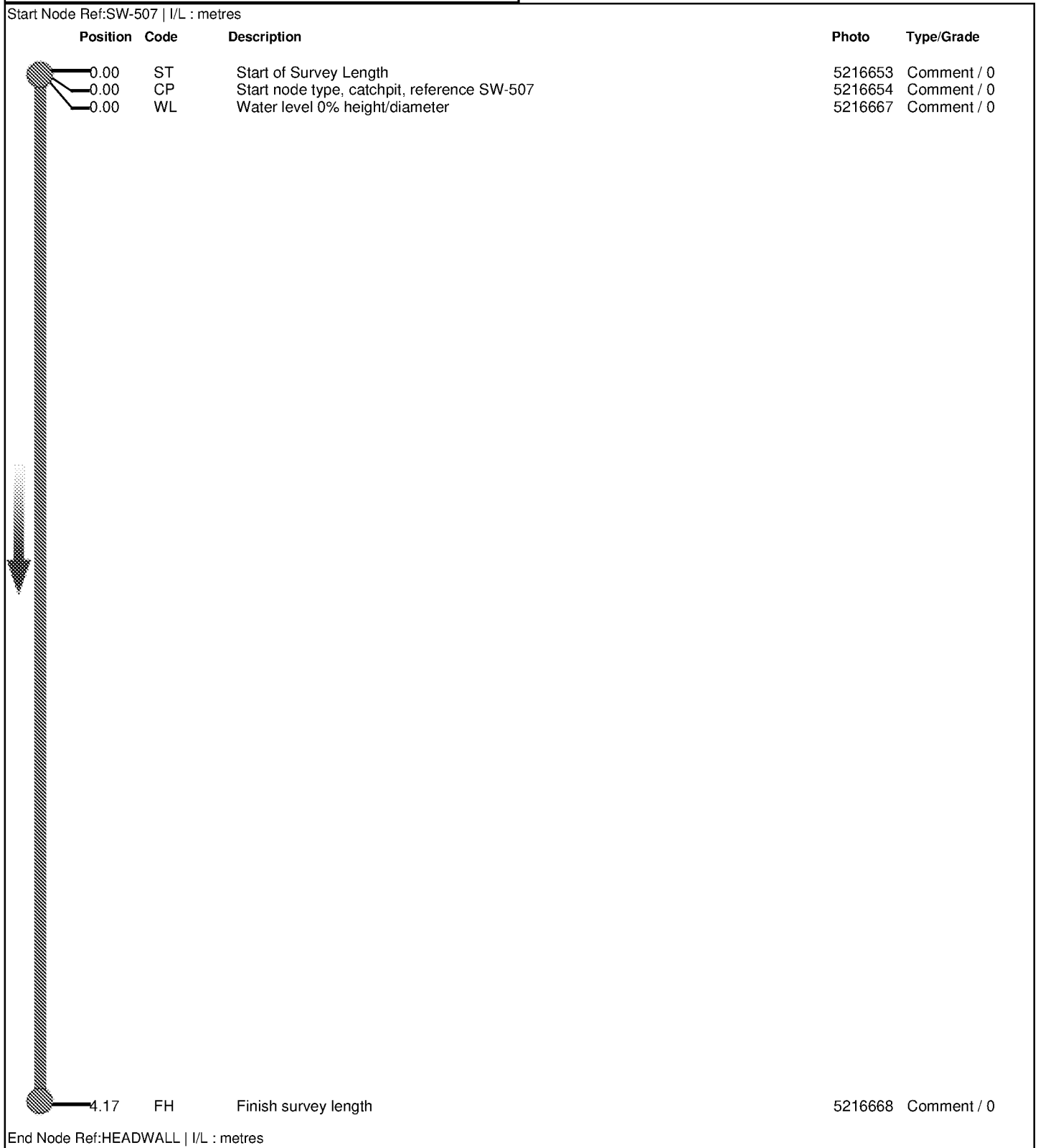
Job Number 437	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 23/06/2021
 0.00 M Start of Survey Length		 0.00 M Start node type, catchpit, reference FLOW CONTROL M/H-FC-501	
 0.00 M Water level 100% height/diameter		From: FLOW CONTROL M/H-FC-501 / To: SW-508 Size: 225  1.79 M Survey abandoned - Remark: CAMERA UNDERWATER DUE TO HYDROBRAKER	

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) OIL INTERCX	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 23
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 225mm Material Polypropylene Category	Start Node SW-507 End Node OIL INTERCEPTOR Total length 6.81 metres		
Scale 1:0.31 Direction Upstream				



Job Number 437	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 23/06/2021
 0.00 M		 0.00 M	
Start of Survey Length		Start node type, catchpit, reference SW-507	
 0.00 M		 From: SW-507 / To: OIL INTERCEPTOR Size: 225 6.79 M	
Water level 5% height/diameter		Finish survey length	

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-507 X	Date 23/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 24
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 225mm Material Polypropylene Category	Start Node SW-507 End Node HEADWALL Total length 4.17 metres		
Scale 1:0.21 Direction Downstream				



Job Number
437Surveyed by (Operator)
Luke ClaytonBase Unit
8J5R2AEYKLDate
23/06/2021

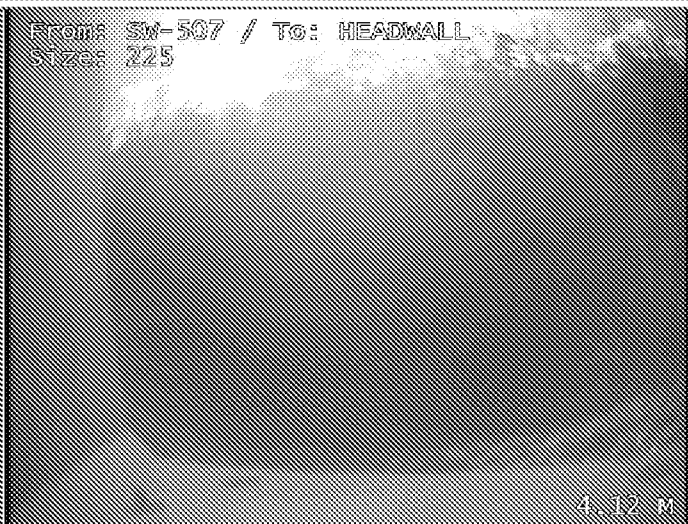
Start of Survey Length



Start node type, catchpit, reference SW-507

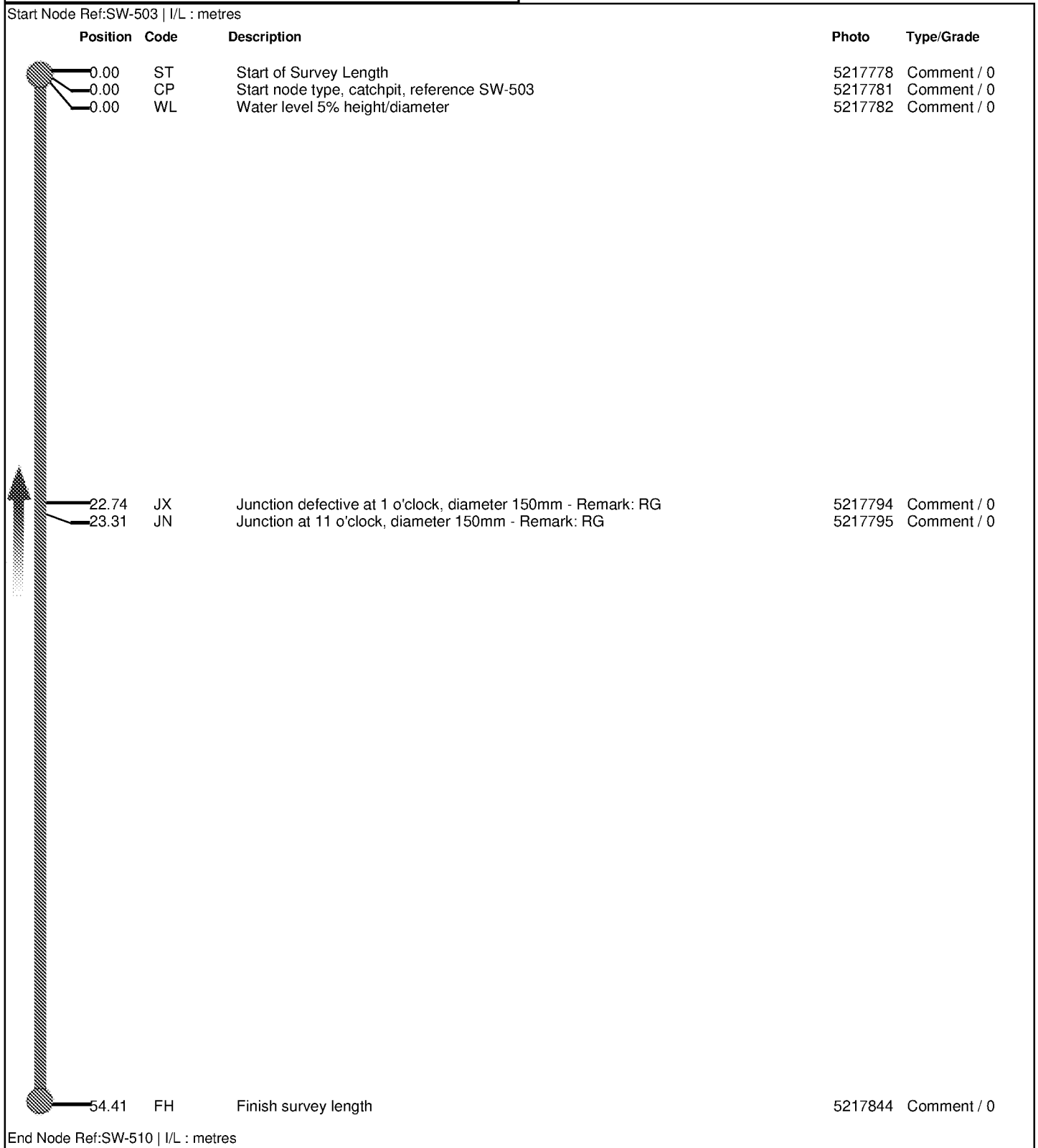


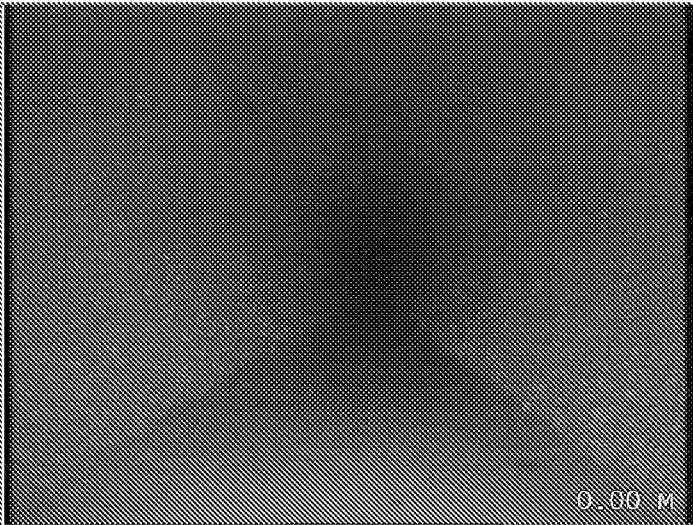
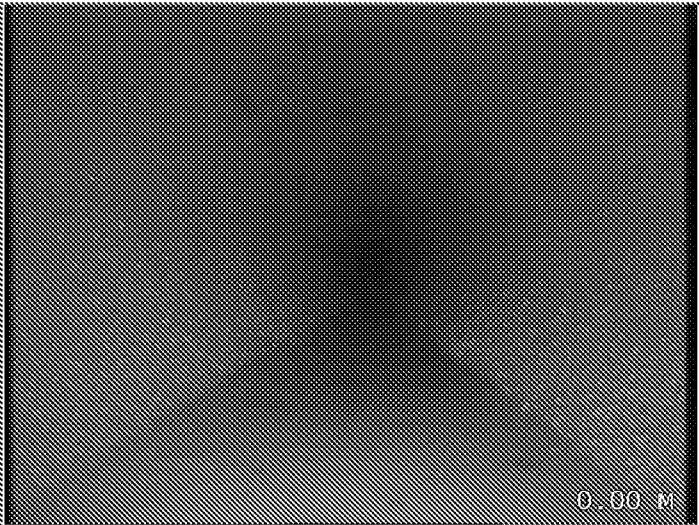
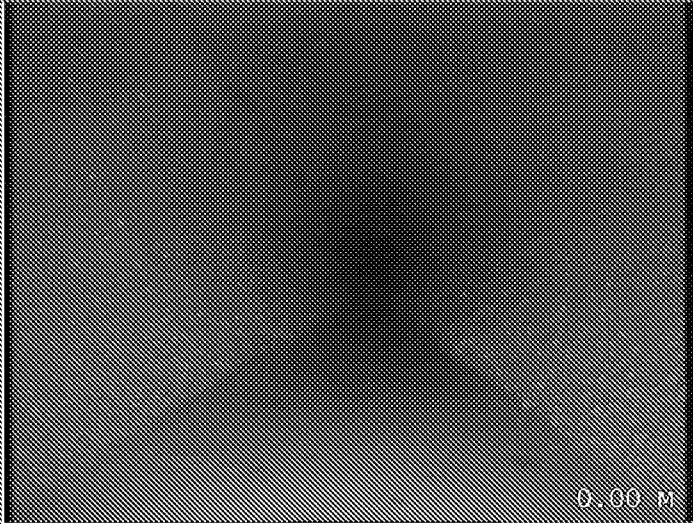
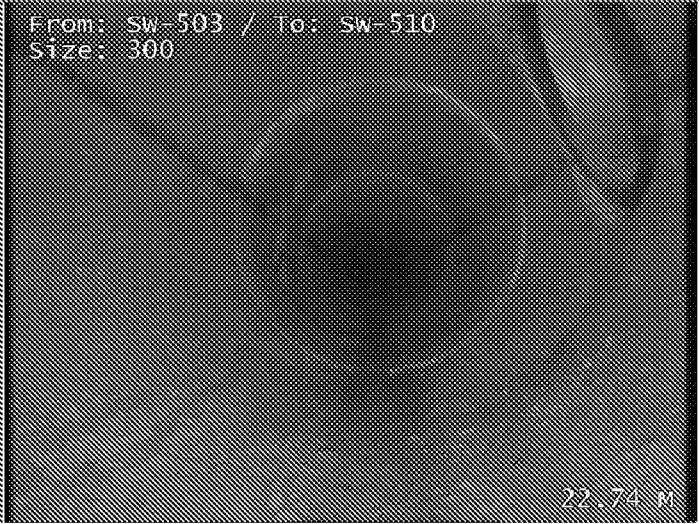
Water level 0% height/diameter



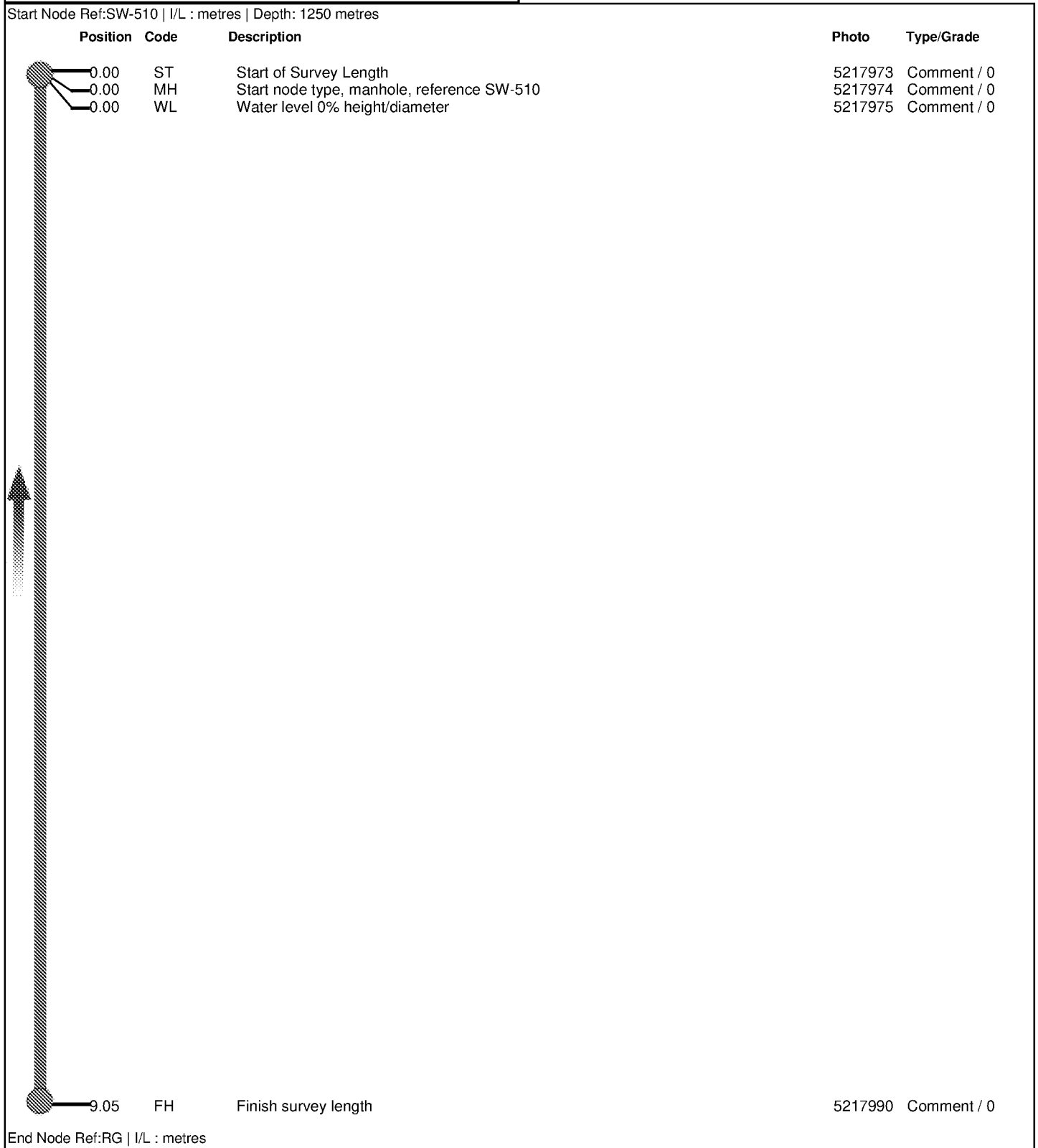
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-510 X	Date 24/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 25
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 300mm Material Concrete Category	Start Node SW-503 End Node SW-510 Total length 54.41 metres		
Scale 1:2.83 Direction Upstream				



Job Number 437	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 24/06/2021
 0.00 M		 0.00 M	
Start of Survey Length		Start node type, catchpit, reference SW-503	
 0.00 M		 From: SW-503 / To: SW-510 Size: 300 22.74 M	
Water level 5% height/diameter		Junction defective at 1 o'clock, diameter 150mm - Remark: RG	
 From: Sw-503 / To: Sw-510 Size: 300 23.31 M		 From: Sw-503 / To: Sw-510 Size: 300 54.40 M	
Junction at 11 o'clock, diameter 150mm - Remark: RG		Finish survey length	

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 24/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 26
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-510 End Node RG Total length 9.05 metres		
Scale 1:0.47 Direction Upstream				

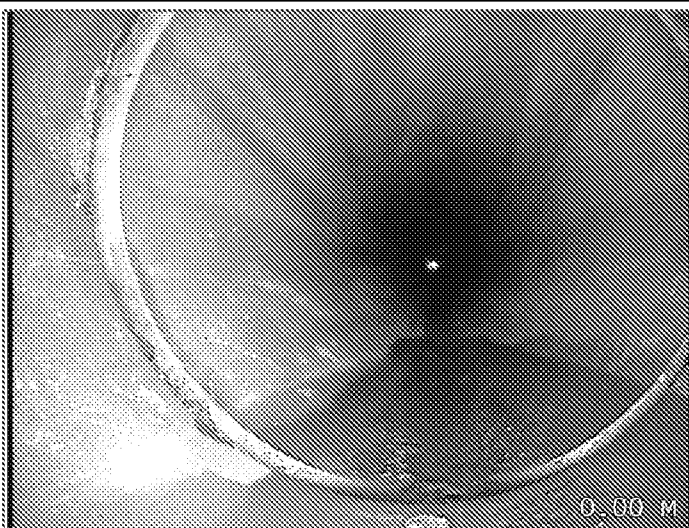


Job Number
437

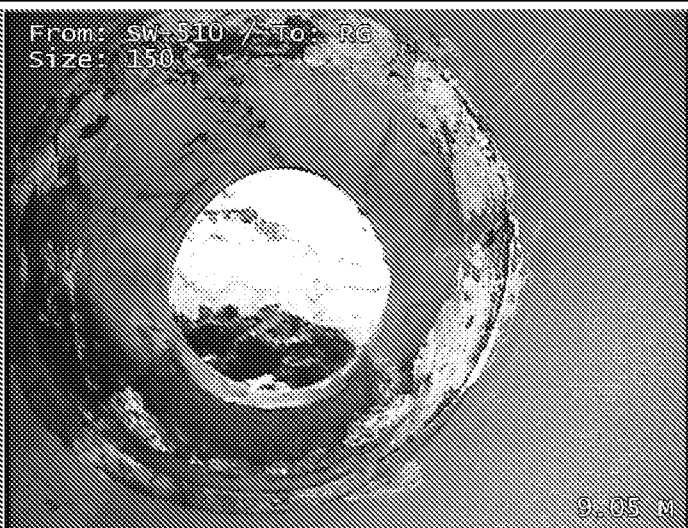
Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

Date
24/06/2021



Start of Survey Length, Start node type, manhole, reference SW-510,
Water level 0% height/diameter



Finish survey length

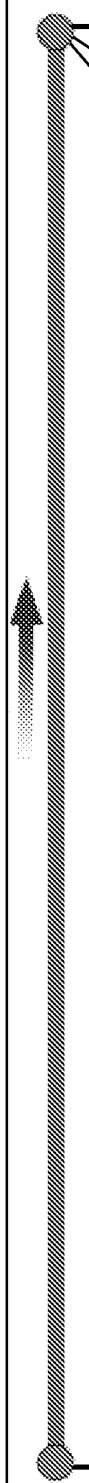
Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) RG X	Date 24/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 27

Road ACCESS ROADS Place Saltbox Location Shripney Way	Division District Location Details
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Purpose Duty Surface water Catchment	Shape/Size 150mm Material Vitrified clay Category	Start Node SW-510 End Node RG Total length 5.24 metres
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Scale 1:0.26 Direction Upstream	
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Start Node Ref:SW-510 | I/L : metres | Depth: 1250 metres

Position	Code	Description	Photo	Type/Grade
0.00	ST	Start of Survey Length	5217995	Comment / 0
0.00	MH	Start node type, manhole, reference SW-510	5217996	Comment / 0
0.00	WL	Water level 0% height/diameter	5217997	Comment / 0
				
5.24	FH	Finish survey length	5218004	Comment / 0

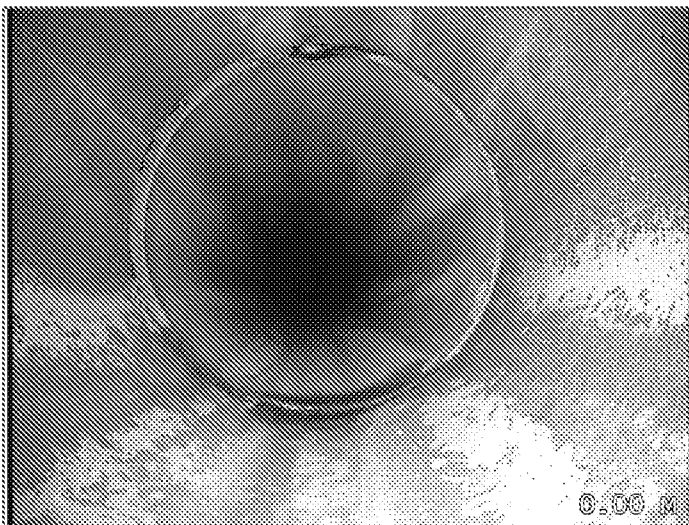
End Node Ref:RG | I/L : metres

Job Number
437

Surveyed by (Operator)
Luke Clayton

Base Unit
8J5R2AEYKL

Date
24/06/2021

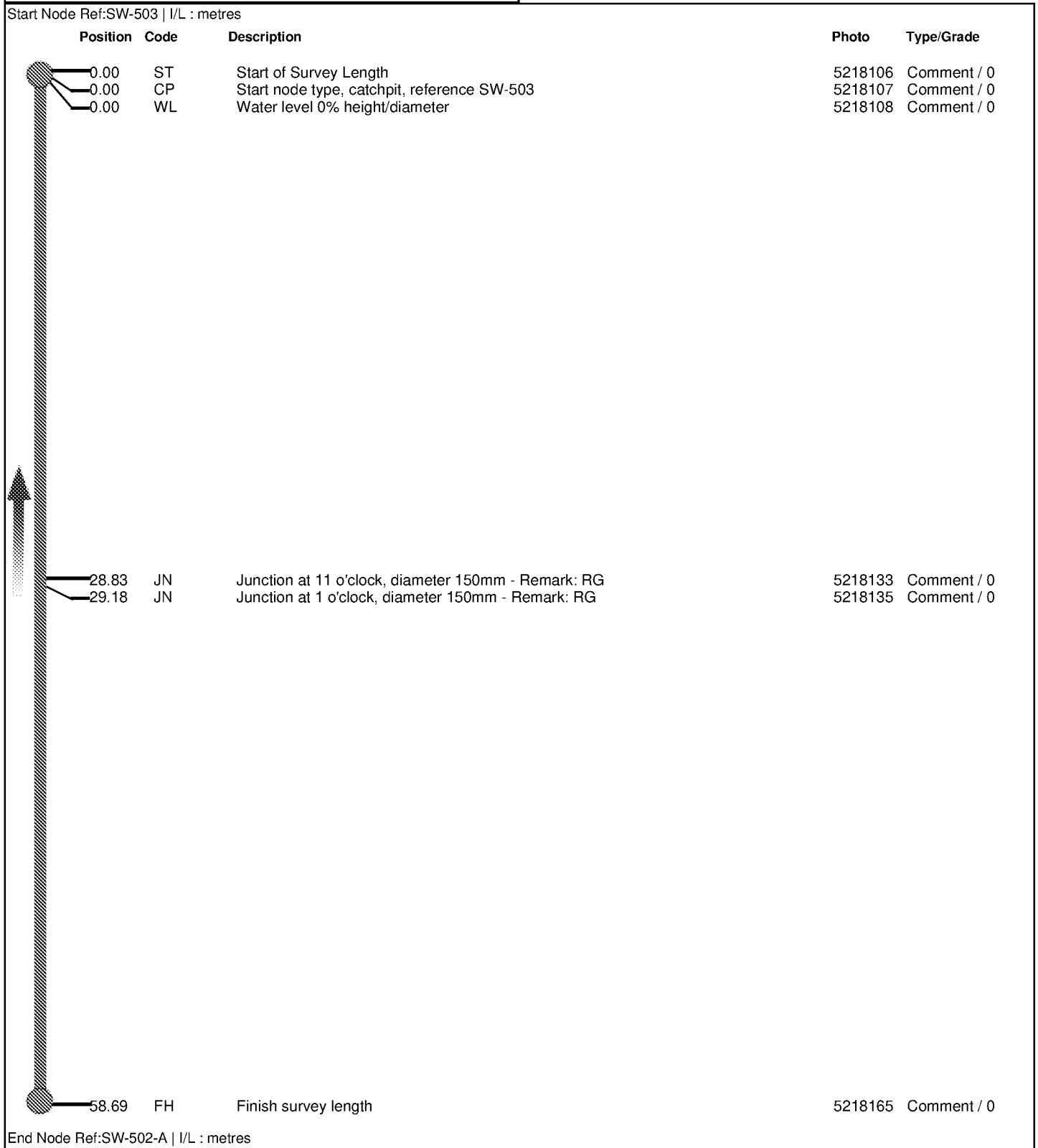


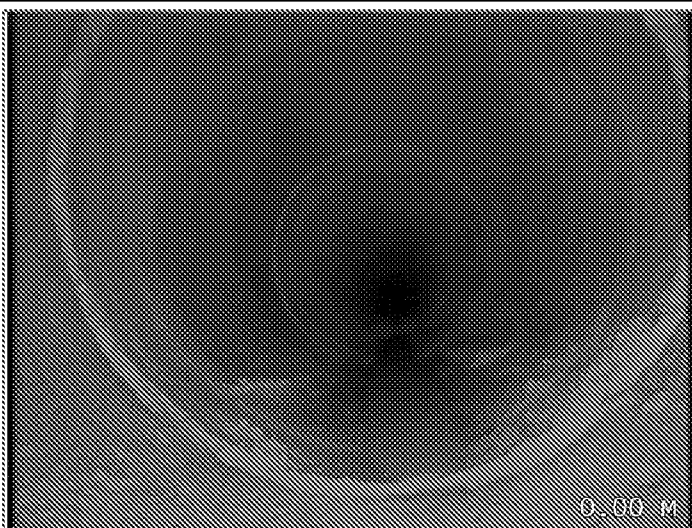
Start of Survey Length, Start node type, manhole, reference SW-510,
Water level 0% height/diameter



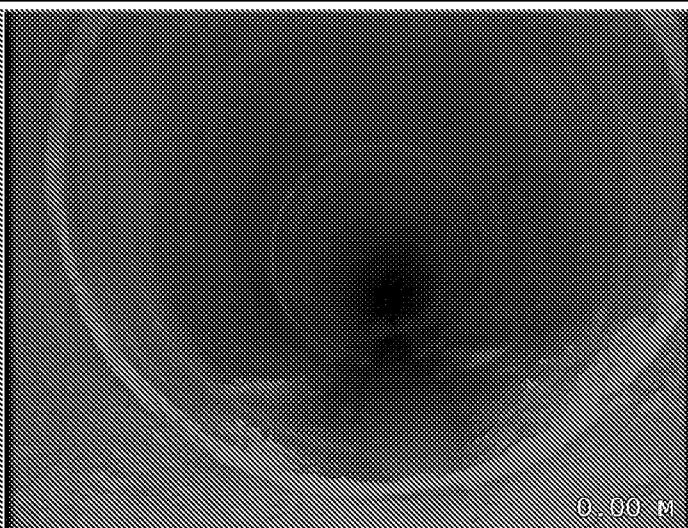
Finish survey length

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-502-A X	Date 24/06/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 28
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 300mm Material Concrete Category	Start Node SW-503 End Node SW-502-A Total length 58.69 metres		
Scale 1:3.04 Direction Upstream				

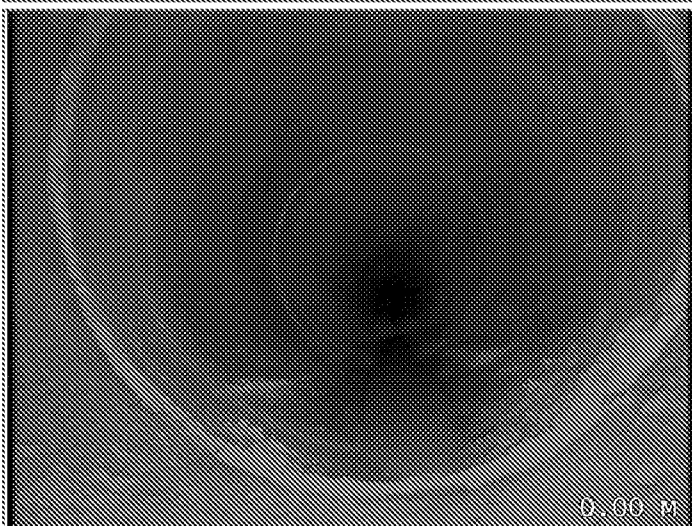


Job Number
437Surveyed by (Operator)
Luke ClaytonBase Unit
8J5R2AEYKLDate
24/06/2021

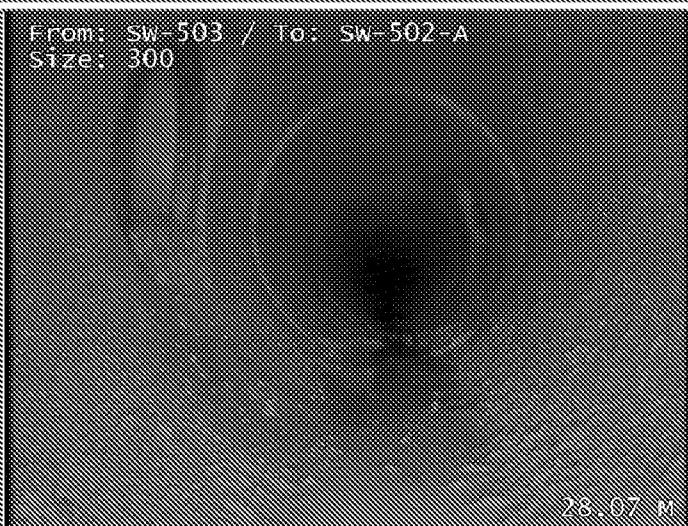
Start of Survey Length



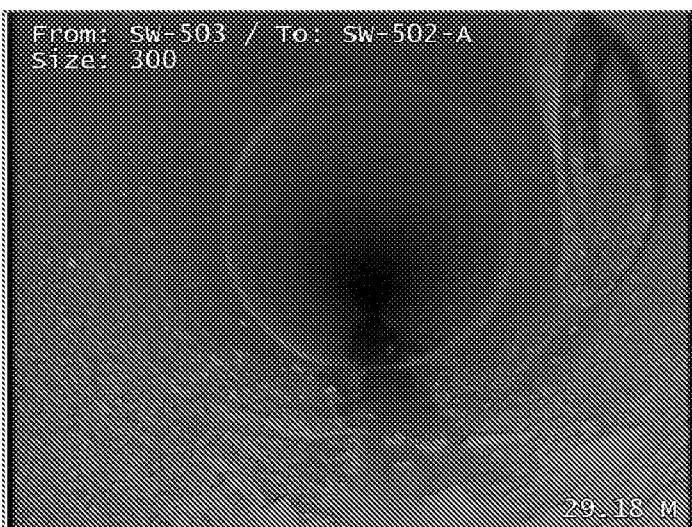
Start node type, catchpit, reference SW-503



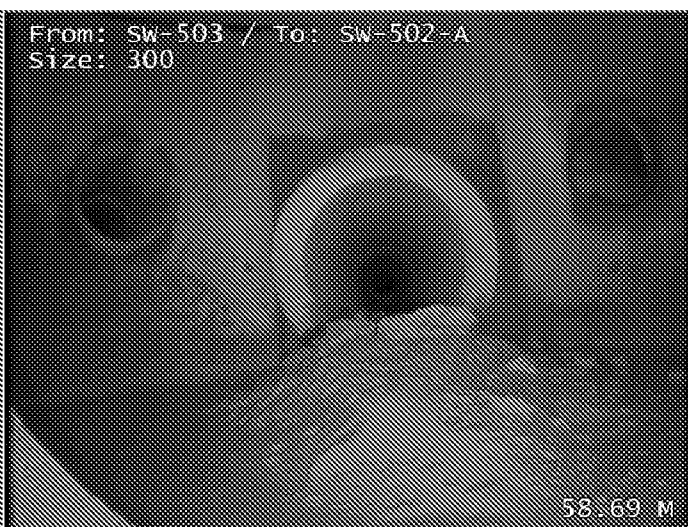
Water level 0% height/diameter



Junction at 11 o'clock, diameter 150mm - Remark: RG

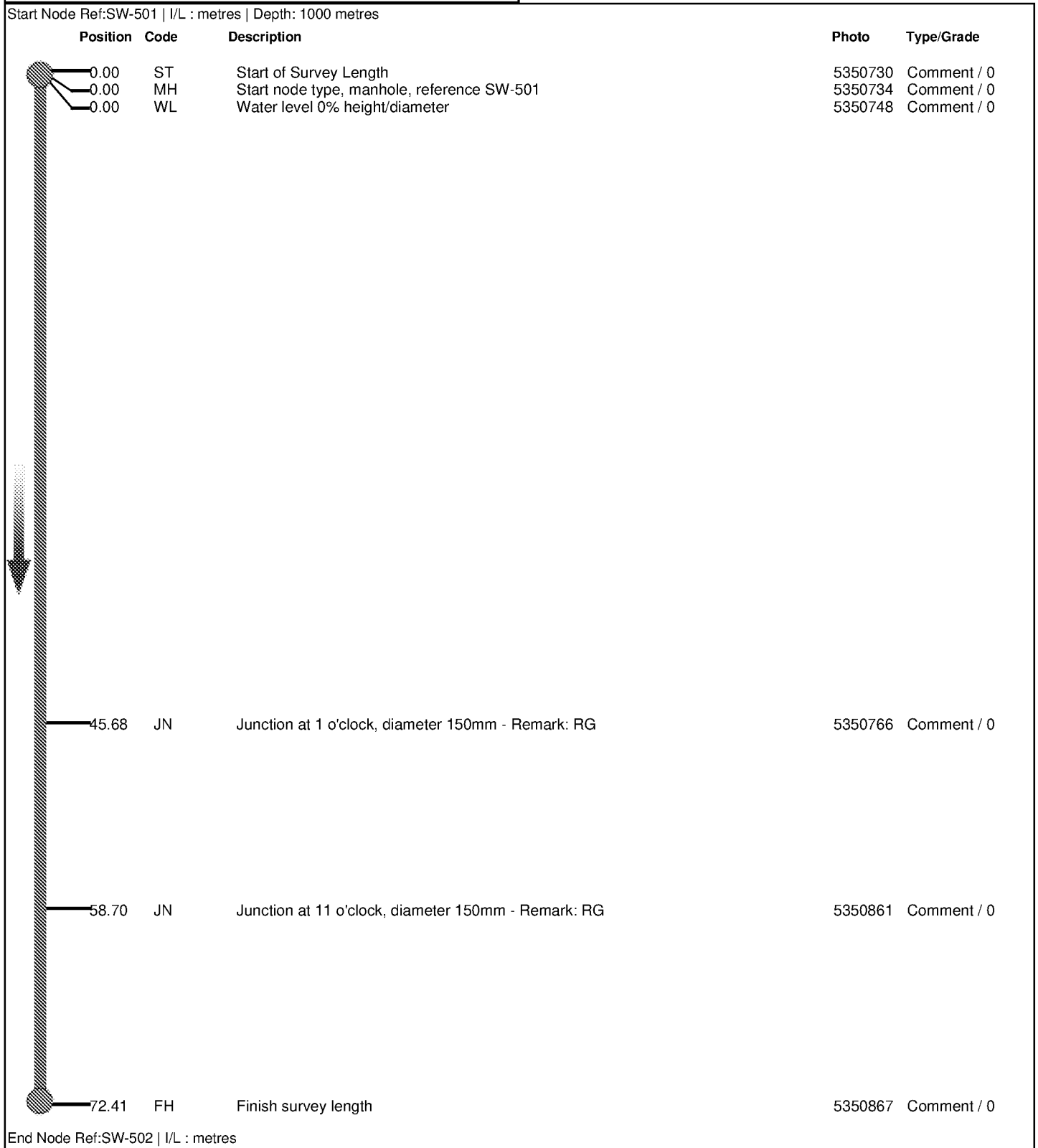


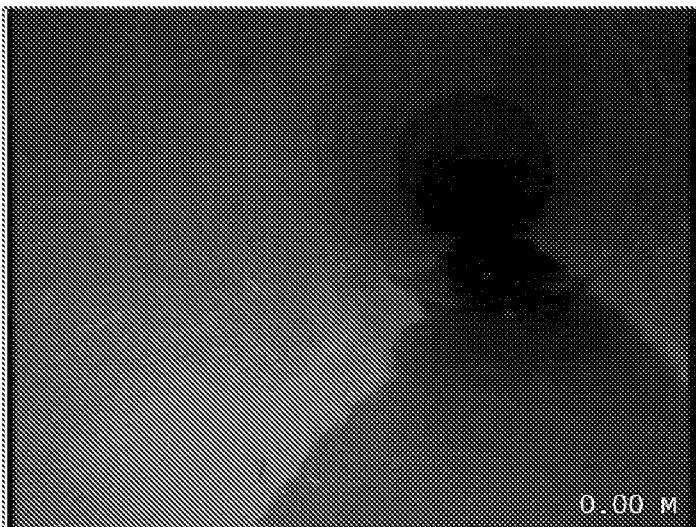
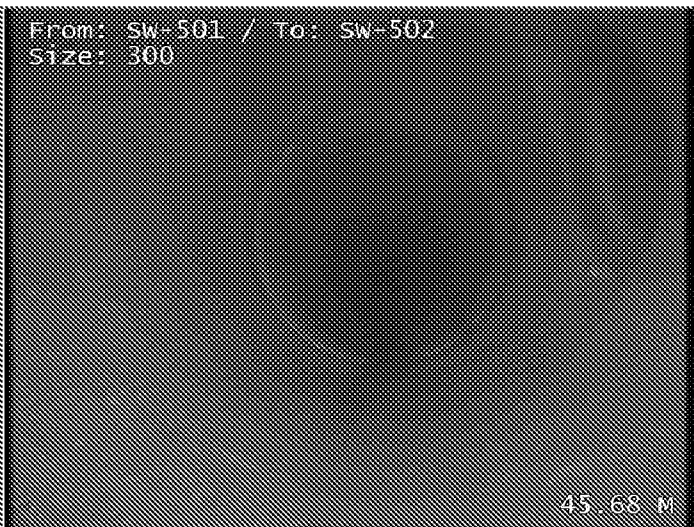
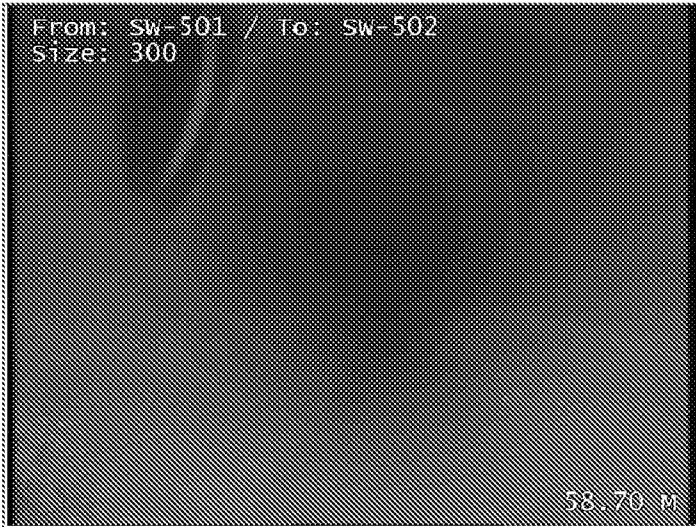
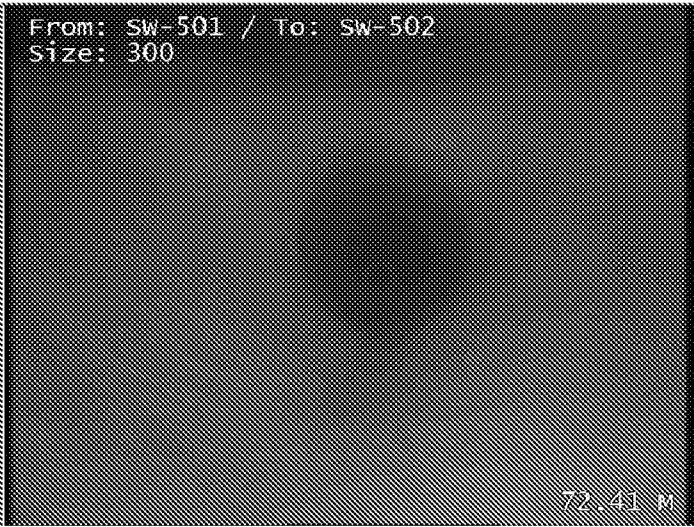
Junction at 1 o'clock, diameter 150mm - Remark: RG



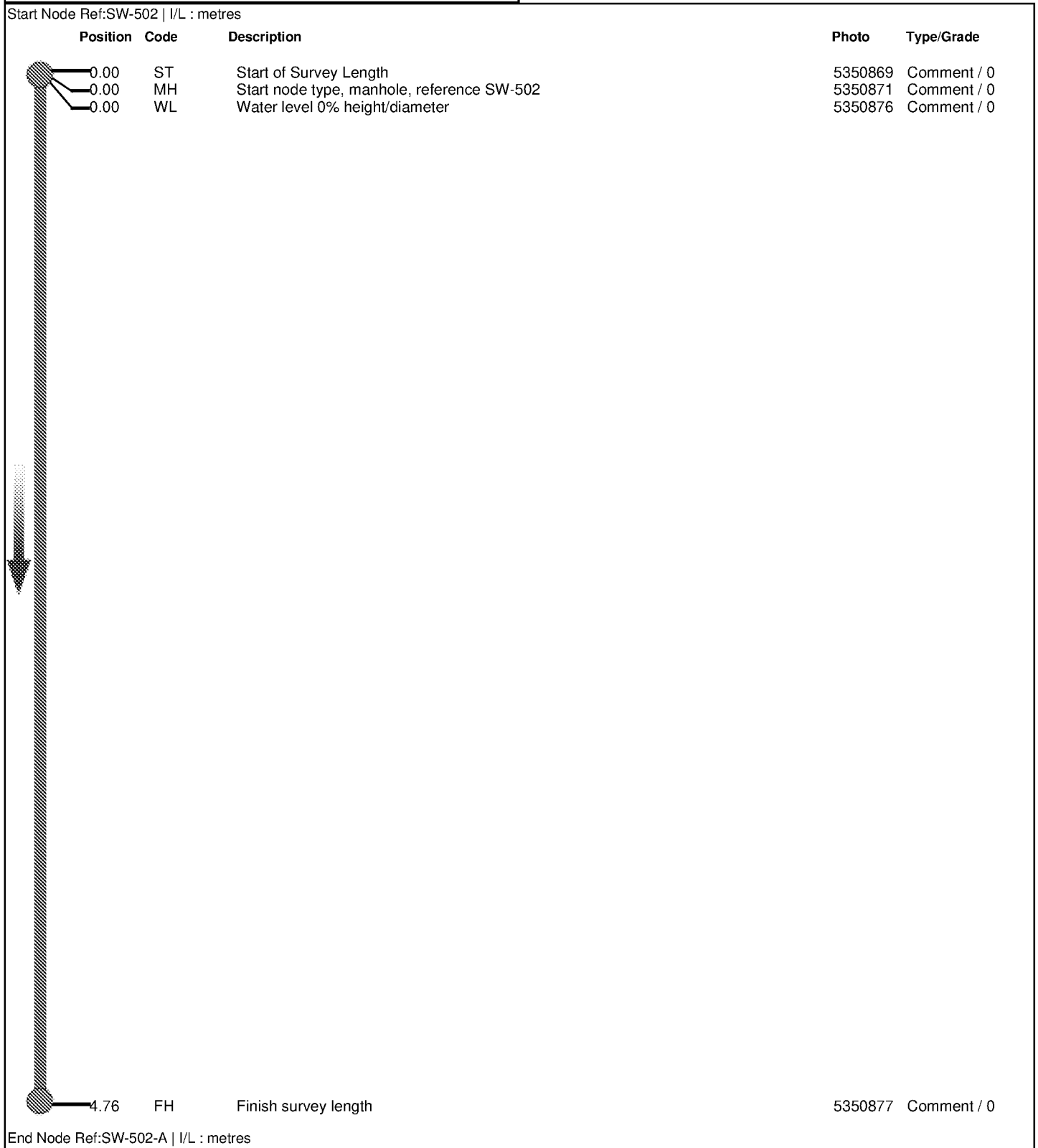
Finish survey length

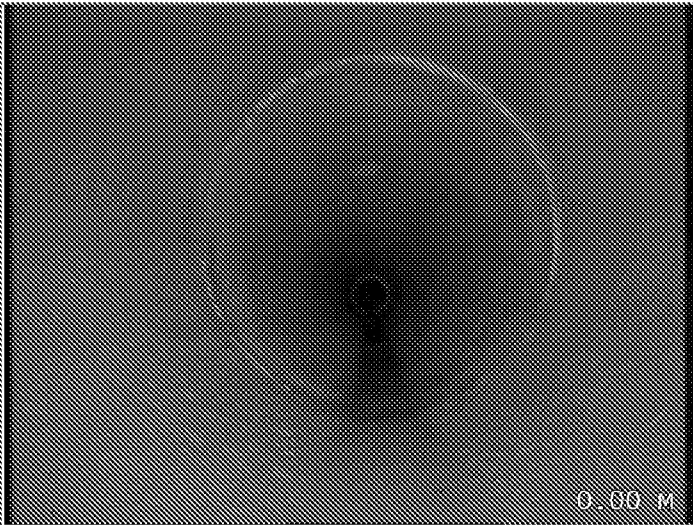
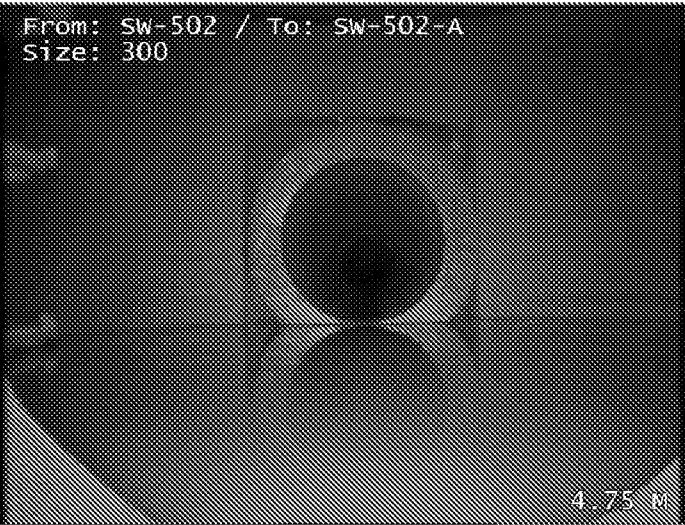
Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-501 X	Date 02/08/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 29
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 300mm Material Concrete Category	Start Node SW-501 End Node SW-502 Total length 72.41 metres		
Scale 1:3.78 Direction Downstream				



Job Number 437	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 02/08/2021
 0.00 M Start of Survey Length, Start node type, manhole, reference SW-501, Water level 0% height/diameter	 45.68 M Junction at 1 o'clock, diameter 150mm - Remark: RG		
 58.70 M Junction at 11 o'clock, diameter 150mm - Remark: RG	 72.41 M Finish survey length		

Surveyed by (Operator) Luke Clayton	Job Number 437	Pipe Length Reference(PLR) SW-502 X	Date 02/08/2021	Pre Cleaned HPWJ to clean prior to survey
Weather 1 - Dry	Customer Present	Service Grade/Structural Grade 0/0	Base Unit 8J5R2AEYKL	Section Number 30
Road ACCESS ROADS Place Saltbox Location Shripney Way		Division District Location Details		
Purpose Duty Surface water Catchment	Shape/Size 300mm Material Concrete Category	Start Node SW-502 End Node SW-502-A Total length 4.76 metres		
Scale 1:0.21 Direction Downstream				



Job Number 437	Surveyed by (Operator) Luke Clayton	Base Unit 8J5R2AEYKL	Date 02/08/2021
 0.00 M Start of Survey Length, Start node type, manhole, reference SW-502, Water level 0% height/diameter		From: SW-502 / To: SW-502-A Size: 300  4.75 M Finish survey length	

Job Number 437				Surveyed by (Operator) Luke Clayton			Base Unit 8J5R2AEYKL			Date 22/06/2021			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	RG X	U	S	150	22/06/2021	Vitrified clay	10.21 metres	10.21		0	1	0	0
2	RG X	U	S	150	22/06/2021	Vitrified clay	10.67 metres	10.67		0	1	0	0
3	RG X	U	S	150	22/06/2021	Vitrified clay	2.38 metres	2.38		0	1	0	0
4	RG X	U	S	150	22/06/2021	Vitrified clay	9.24 metres	9.24		0	1	0	0
5	SW-511B X	U	S	300	22/06/2021	Concrete	36.93 metres	36.93		0	1	0	0
6	SW-511 X	D	S	300	22/06/2021	Concrete	26.65 metres	26.65		0	1	0	0
7	SW-503 X	U	S	450	22/06/2021	Concrete	87.5 metres	87.5		0	1	0	0
8	SW-504 X	U	S	600	22/06/2021	Concrete	7.1 metres	7.1		0	1	0	0
9	SW-505 X	D	S	0	22/06/2021	Concrete	45.12 metres	45.12		0	1	0	0
10	RG X	U	S	150	22/06/2021	Vitrified clay	8.6 metres	8.6		0	1	0	0
11	RG X	U	S	150	22/06/2021	Vitrified clay	3.38 metres	3.38		0	1	0	0
12	RG X	U	S	150	22/06/2021	Vitrified clay	1.38 metres	1.38		0	1	0	0
13	RG X	U	S	150	22/06/2021	Vitrified clay	5.43 metres	5.43		0	1	0	0
14	SW-505A X	D	S	0	22/06/2021	Concrete	44.88 metres	44.88		0	1	0	0
15	RG X	U	S	150	22/06/2021	Vitrified clay	2.19 metres	2.19		0	1	0	0
16	RG X	U	S	150	22/06/2021	Vitrified clay	3.26 metres	3.26		0	1	0	0
17	SW-505B X	D	S	0	22/06/2021	Concrete	54.67 metres	54.67		0	1	0	0
18	RG X	U	S	150	22/06/2021	Vitrified clay	10.81 metres	10.81		0	1	0	0
19	RG X	U	S	150	22/06/2021	Vitrified clay	9.57 metres	9.57		0	1	0	0
20	SW-509 X	D	S	225	22/06/2021	Vitrified clay	0.55 metres	0.55		0	1	0	0
21	RG X	U	S	150	22/06/2021	Vitrified clay	2.31 metres	2.31		0	1	0	0
22	SW-508 X	U	S	225	22/06/2021	Vitrified clay	1.83 metres	1.83		0	1	0	0
23	OIL INTERCX	U	S	225	22/06/2021	Polypropylene	6.81 metres	6.81		0	1	0	0
24	SW-507 X	D	S	225	22/06/2021	Polypropylene	4.17 metres	4.17		0	1	0	0
25	SW-510 X	U	S	300	22/06/2021	Concrete	54.41 metres	54.41		0	1	0	0
26	RG X	U	S	150	22/06/2021	Vitrified clay	9.05 metres	9.05		0	1	0	0
27	RG X	U	S	150	22/06/2021	Vitrified clay	5.24 metres	5.24		0	1	0	0
28	SW-502-A X	U	S	300	22/06/2021	Concrete	58.69 metres	58.69		0	1	0	0
29	SW-501 X	D	S	300	22/06/2021	Concrete	72.41 metres	72.41		0	1	0	0

Job Number 437				Surveyed by (Operator) Luke Clayton			Base Unit 8J5R2AEYKL			Date 22/06/2021			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
30	SW-502 X	D	S	300	22/06/2021	Concrete	4.76 metres	4.76		0	1	0	0

Job Number 437				Surveyed by (Operator) Luke Clayton			Base Unit 8J5R2AEYKL			Date 22/06/2021			
No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
1	RG X	U	S	150	22/06/2021	Vitrified clay	10.21 metres	10.21		0	1	0	0
2	RG X	U	S	150	22/06/2021	Vitrified clay	10.67 metres	10.67		0	1	0	0
3	RG X	U	S	150	22/06/2021	Vitrified clay	2.38 metres	2.38		0	1	0	0
4	RG X	U	S	150	22/06/2021	Vitrified clay	9.24 metres	9.24		0	1	0	0
5	SW-511B X	U	S	300	22/06/2021	Concrete	36.93 metres	36.93		0	1	0	0
6	SW-511 X	D	S	300	22/06/2021	Concrete	26.65 metres	26.65		0	1	0	0
7	SW-503 X	U	S	450	22/06/2021	Concrete	87.5 metres	87.5		0	1	0	0
8	SW-504 X	U	S	600	22/06/2021	Concrete	7.1 metres	7.1		0	1	0	0
9	SW-505 X	D	S	0	22/06/2021	Concrete	45.12 metres	45.12		0	1	0	0
10	RG X	U	S	150	22/06/2021	Vitrified clay	8.6 metres	8.6		0	1	0	0
11	RG X	U	S	150	22/06/2021	Vitrified clay	3.38 metres	3.38		0	1	0	0
12	RG X	U	S	150	22/06/2021	Vitrified clay	1.38 metres	1.38		0	1	0	0
13	RG X	U	S	150	22/06/2021	Vitrified clay	5.43 metres	5.43		0	1	0	0
14	SW-505A X	D	S	0	22/06/2021	Concrete	44.88 metres	44.88		0	1	0	0
15	RG X	U	S	150	22/06/2021	Vitrified clay	2.19 metres	2.19		0	1	0	0
16	RG X	U	S	150	22/06/2021	Vitrified clay	3.26 metres	3.26		0	1	0	0
17	SW-505B X	D	S	0	22/06/2021	Concrete	54.67 metres	54.67		0	1	0	0
18	RG X	U	S	150	22/06/2021	Vitrified clay	10.81 metres	10.81		0	1	0	0
19	RG X	U	S	150	22/06/2021	Vitrified clay	9.57 metres	9.57		0	1	0	0
20	SW-509 X	D	S	225	22/06/2021	Vitrified clay	0.55 metres	0.55		0	1	0	0
21	RG X	U	S	150	22/06/2021	Vitrified clay	2.31 metres	2.31		0	1	0	0
22	SW-508 X	U	S	225	22/06/2021	Vitrified clay	1.83 metres	1.83		0	1	0	0
23	OIL INTERCX	U	S	225	22/06/2021	Polypropylene	6.81 metres	6.81		0	1	0	0
24	SW-507 X	D	S	225	22/06/2021	Polypropylene	4.17 metres	4.17		0	1	0	0
25	SW-510 X	U	S	300	22/06/2021	Concrete	54.41 metres	54.41		0	1	0	0
26	RG X	U	S	150	22/06/2021	Vitrified clay	9.05 metres	9.05		0	1	0	0
27	RG X	U	S	150	22/06/2021	Vitrified clay	5.24 metres	5.24		0	1	0	0
28	SW-502-A X	U	S	300	22/06/2021	Concrete	58.69 metres	58.69		0	1	0	0
29	SW-501 X	D	S	300	22/06/2021	Concrete	72.41 metres	72.41		0	1	0	0

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No.	PLR	Dir.	Use	Shape/Size	Date	Mat.	Total Length	Inspection Length	Cat.	Peak Score	Grade	Mean Score	Total Score
30	SW-502 X	D	S	300	22/06/2021	Concrete	4.76 metres	4.76		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.			