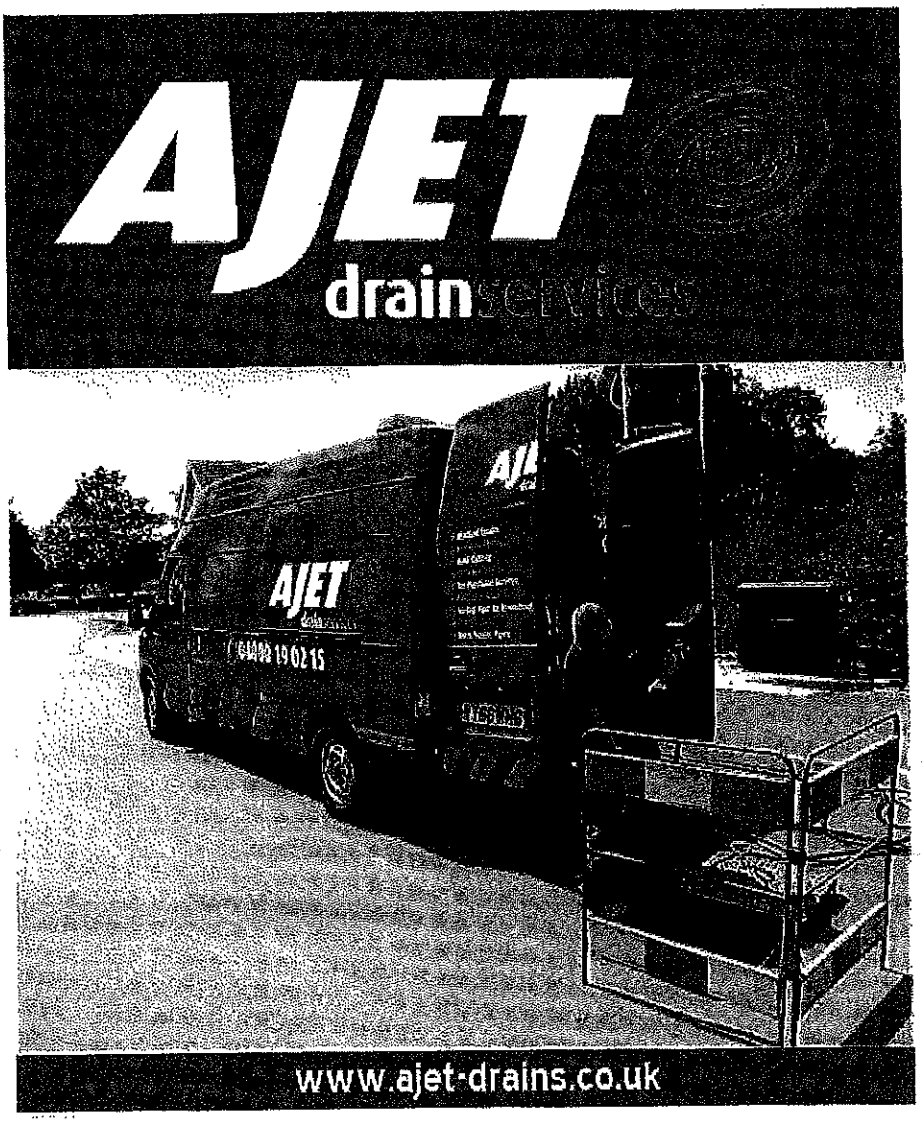
(9)

Ajet Drain Services Ltd

2 Station Street, Donington



Head Office: Ajet Business Park, Devereux Way, Horncastle LN9 6AU
Telephone 01507 522300

GRADE 3,4 & 5 Summary

STRUCTURAL DEFECTS

Structural defects			
Section	PLR	Grade	Fault description
1	MH1 X	5	Multiple defects at 7.1m
2		3	Multiple defects at 0.7m
5	MH2 X	5	Deformed sewer/drain, 20%
6	MH3 X	5	Multiple defects at 0.1m
8		4	Hole in drain/sewer, at 12 o'clock
15	MH6 X	4	Hole in drain/sewer, at 3 o'clock
23	BR2 X	3	Multiple defects at 0.2m

Grade 3; Best practice suggests consideration be given to repair in the medium term
Grade 4; Best practice suggests consideration be given to a repair to avoid potential collapse
Grade 5; Best practice suggests this pipe is at risk of collapse at any time; urgent consideration should be given to a repair to avoid collapse

SERVICE / OPERATIONAL DEFECTS

Service defects			
Section	PLR	Grade	Fault description
8		4	Connection, intruding, at 9 o'clock, diameter 100mm, intrusion 20
9		3	Multiple defects at 12.3m
11	BR1 X	3	Attached deposits, encrustation, from 4 to 8 o'clock, 10% cross-se
13	MH6 X	3	Multiple defects at 4.0m
23	BR2 X	5	Multiple defects at 0.1m

Grade 3; Best practice suggests consideration be given to maintenance activities in the medium term
Grade 4; Best practice suggests consideration be given to maintenance activity to avoid potential blockage
Grade 5; Best practice suggests this pipe is at immediate risk of backing up / causing flooding

Abandoned Surveys

Camera no access		
Section	PLR	Fault description
3	BR1 X	Material changes, polyvinyl chloride
4	BR2 X	Line deviates up
6	MH3 X	Deformed sewer/drain, 20%
8		Joint displaced, large
9		Attached deposits, encrustation, from 3 to 9 o'clock, 5% cross-sec
11	BR1 X	Attached deposits, encrustation, from 3 to 9 o'clock, 10% cross-se
14	WC X	Line deviates up
15	BR1 X	Line deviates up
16	BR2 X	Line deviates up
21	BR1 X	Line deviates up
23	BR2 X	Line deviates up

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2 Station Street, Donington		19/12/2017		

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Section: 3, BR1 --- MH1 7
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Place :

Ajet Drain Services Ltd
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Project-information

Project name :	Project Number :	Contact :	Date :
2 Station Street, Donington			19/12/2017

Client:	**Quadrant Surveying Ltd**
Contact Name:	
Department:	
Road:	**15 Church Road**
Town:	**Martin Dales**
County:	**LN10 6XZ**
Telephone:	
Fax:	
Mobile:	
E-mail:	

Site:	**The Genesis Residential Care Home**
Contact Name:	
Department:	
Road:	**2 Station Street**
Town:	**Donington**
County:	**PE11 4UQ**
Telephone:	
Fax:	
Mobile:	
E-mail:	

Contractor	**Ajet Drain Services Ltd**
Contact Name:	
Department:	
Road:	**Devereux Way**
Town:	**Horncastle**
County:	**LN9 6AU**
Telephone:	**08000 190215**
Fax:	
Mobile:	
E-mail:	**enquiries@ajetdrains.co.uk**

Place :

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Horncastle
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Email: enquiries@ajetdrains.co.uk

Project-information

Project name :	Project Number :	Contact :	Date :
2 Station Street, Donington			19/12/2017

OBSERVATIONS

Manhole 1 downstream to Manhole 2 - 100mm
The survey highlighted pitch fibre pipe deformed in shape.

Manhole 1 upstream - 100mm
The survey highlighted cracks at 0.4 metres and a split plastic pipe at 0.7 metres.

Manhole 2 downstream to Manhole 3 - 100mm
The survey highlighted a pitch fibre pipe deformed from 0.5 to 8.1 metres.

Manhole 3 downstream - 100mm
The survey highlighted pitch fibre pipe deformed 40%.

Well 1 upstream - 150mm
The survey highlighted a defective connection at 2.0 metres, fine roots, holes and a large joint displacement. We were unable to pass 6.6 metres.

Well 2 upstream - 100mm
The survey highlighted a large displaced joint at 1.2 metres, 35% water level from 0.5 to 1.4 metres and cracks at 5.9 and 10.8 metres.

Manhole 4 upstream Branch 1 - 100mm
The survey highlighted scale 10%.

Manhole 6 downstream to Manhole 5 - 100mm
The survey highlighted scale 5% and a hole at 3.6 metres.

Manhole 7 downstream to Manhole 6 - 100mm
The survey highlighted scale 5%.

Manhole 3 upstream - 100mm
The survey highlighted mass roots and fractures at 0.1 and 0.2 metres.

AJET drainservices

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	1	X
Temperature above freezing	Vehicle :	Camera :	Preset :	Cleaned :	Operator : RM

Place :	Donington	Location details:		U/S MH :	MH1
Road :	2 Station Street	Catchment:		D/S MH :	MH2
Location		Tape number :		Total length :	7.10 m
Inspection	MH1 (D/S) MH2			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

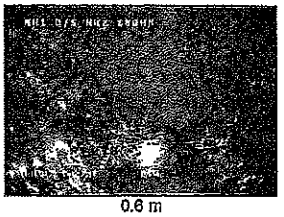
1:60 Position Observation

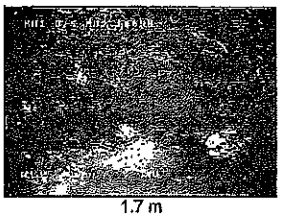
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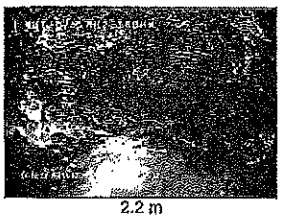
MH1

0.00		Start node type, manhole, reference number : MH1
0.00		Water level, 0% of the vertical dimension
0.60		Material changes, pitch fibre
0.60		Deformed sewer/drain, 15%
0.80	S01	Deformed sewer/drain, 5%, Start
1.70		Deformed sewer/drain, 15%
2.20		Deformed sewer/drain, 15%
4.40		Deformed sewer/drain, 20%
5.30		Deformed sewer/drain, 20%
6.50		Deformed sewer/drain, 20%
7.10	F01	Deformed sewer/drain, 5%, End
7.10		Finish node type, manhole reference number: MH2

MH2


0.6 m


1.7 m


2.2 m

Depth: 0.93

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
7	186	167.18	1116	5	0	0	0	0	1

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Inspection pictures

Place :	Road : 2 Station Street	Date :	Section number : 1	PLR :

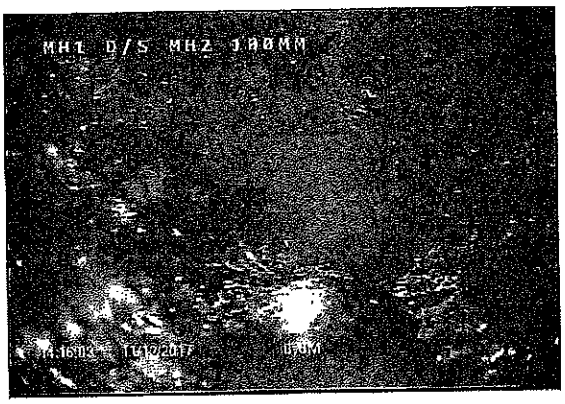


Photo: 1_1_6_A.jpg
0.6m, Deformed sewer/drain, 15%



Photo: 1_1_7_A.jpg
1.7m, Deformed sewer/drain, 15%



Photo: 1_1_8_A.jpg
2.2m, Deformed sewer/drain, 15%

Place :

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Inspection report

Date : 11/12/2017	Job number :	Weather : no rain or snow	Operator : RM	Section number : 2	PLR: X
Temperature above freezing	Vehicle :	Camera :	Preset :	Cleaned :	Operator : RM

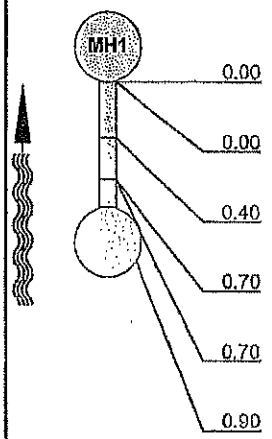
Place :	Donington	Location details:		U/S MH :	
Road :	2 Station Street	Catchment:		D/S MH :	MH1
Location		Tape number :		Total length :	0.90 m
Inspection	MH1 (U/S)			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

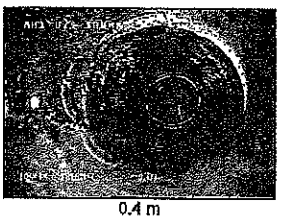
Comment :

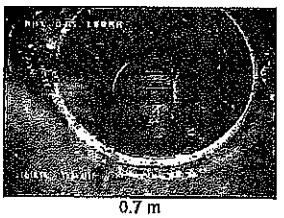
1:50 **Position** **Observation**

Depth: 0.37



0.00	Start node type, manhole, reference number : MH1
0.00	Water level, 0% of the vertical dimension
0.40	Crack, circumferential, from 7 to 10 o'clock
0.70	Material changes, polyvinyl chloride
0.70	Fracture, longitudinal, at 10 o'clock
0.90	Finish node type, gully reference number: GY


0.4 m


0.7 m

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	40	55.56	50	3	0	0	0	0	1

AJET drainservices

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Inspection pictures

Place :	Road :	Date :	Section number :	PLR :
	2 Station Street		2	

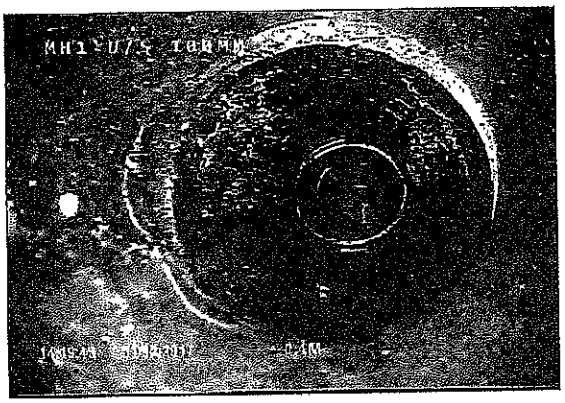


Photo: 3_3_17_A.jpg
0.4m, Crack, circumferential, from 7 to 10 o'clock

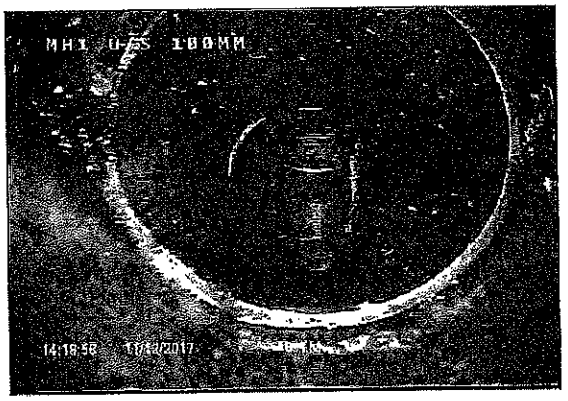


Photo: 3_3_19_A.jpg
0.7m, Fracture, longitudinal, at 10 o'clock

Place :

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Inspection report

Date : 11/12/2017	Job number :	Weather : no rain or snow	Operator : RM	Section number : 3	PLR: X
Temperature above freezing	Vehicle :	Camera :	Preset :	Cleaned :	Operator : RM

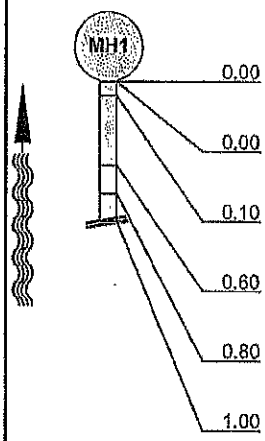
Place :	Donington	Location details:		U/S MH :	BR1
Road :	2 Station Street	Catchment:		D/S MH :	MH1
Location		Tape number :		Total length :	1.00 m
Inspection	MH1 (U/S) BR1			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

1:50 Position Observation

Depth: 0.37



0.00	Start node type, manhole, reference number : MH1
0.00	Water level, 0% of the vertical dimension
0.10	Line deviates left
0.60	Line deviates up
0.80	Material changes, polyvinyl chloride
1.00	Survey abandoned

Structural Defects | Constructional Features
Service Defects | Miscellaneous Features

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

AJET drainservices

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Inspection report

Date : 11/12/2017	Job number :	Weather : no rain or snow	Operator : RM	Section number : 4	PLR: X
Temperature above freezing	Vehicle :	Camera :	Preset :	Cleaned :	Operator : RM

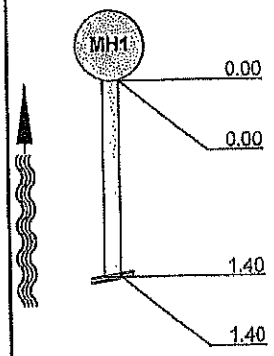
Place :	Donington	Location details:		U/S MH :	BR2
Road :	2 Station Street	Catchment:		D/S MH :	MH1
Location		Tape number :		Total length :	1.40 m
Inspection	MH1 (U/S) BR2			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	60 mm
Purpose :	Routine inspection of condition	Pipe material :	Polyvinyl chloride
		Lining :	

Comment :

1:50 **Position** **Observation**

Depth: 0.1



0.00	Start node type, manhole, reference number : MH1
0.00	Water level, 0% of the vertical dimension
1.40	Line deviates up
1.40	Survey abandoned

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

Place :

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Street : Horncastle
Tel: 08000 190215
Fax:
Email: enquiries@ajetdrains.co.uk

Inspection report

Date : 11/12/2017	Job number :	Weather : no rain or snow	Operator : RM	Section number : 5	PLR: X
Temperature above freezing	Vehicle :	Camera :	Preset :	Cleaned :	Operator : RM

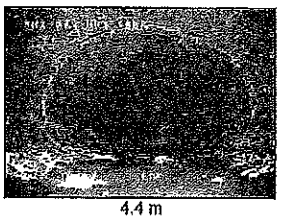
Place :	Donington	Location details:		U/S MH :	MH2
Road :	2 Station Street	Catchment:		D/S MH :	MH3
Location		Tape number :		Total length :	8.10 m
Inspection	MH2 (D/S) MH3			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Pitch fibre
		Lining :	

Comment :

1:75 **Position** **Observation**

Depth: 0.93



4.4 m



MH2	0.00		Start node type, manhole, reference number : MH2
	0.00		Water level, 0% of the vertical dimension
	0.40		Water level, 5% of the vertical dimension
	0.50	S01	Deformed sewer/drain, 10%, Start
	1.20		Water level, 10% of the vertical dimension
	2.30		Deformed sewer/drain, 10%
	2.30		Water level, 5% of the vertical dimension
	4.40		Deformed sewer/drain, 20%
	5.60		Deformed sewer/drain, 15%
	7.50		Deformed sewer/drain, 5%
MH3	8.10	F01	Deformed sewer/drain, 10%, End
	8.10		Finish node type, manhole reference number: MH3

Depth: 1.17

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
5	245	128.15	1038	5	0	0	0	0	1

AJET drainservices

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Inspection pictures

Place :	Road :	Date :	Section number :	PLR :
	2 Station Street		5	

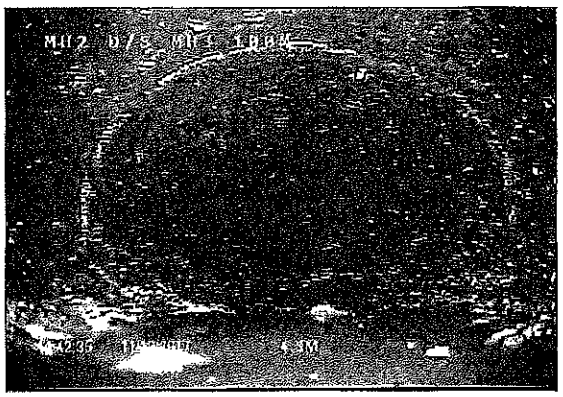


Photo: 6_6_38_A.jpg
4.4m, Deformed sewer/drain, 20%

Place :

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	6	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

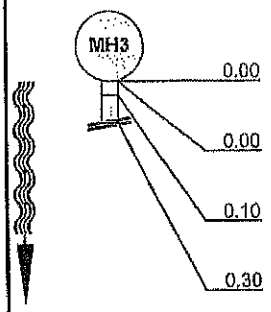
Place :	Donington	Location details:		U/S MH :	MH3
Road :	2 Station Street	Catchment:		D/S MH :	
Location		Tape number :		Total length :	0.30 m
Inspection	MH3 (D/S)			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Pitch fibre
		Lining :	

Comment :

1:50 Position Observation

Depth: 1.17



0.00 Start node type, manhole, reference number : MH3

0.00 Water level, 0% of the vertical dimension

0.10 Deformed sewer/drain, 40%

0.30 Survey abandoned



0.1 m

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	165	1660	165	6	0	0	0	0	1

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Inspection pictures

Place :	Road :	Date :	Section number :	PLR :
	2 Station Street		6	

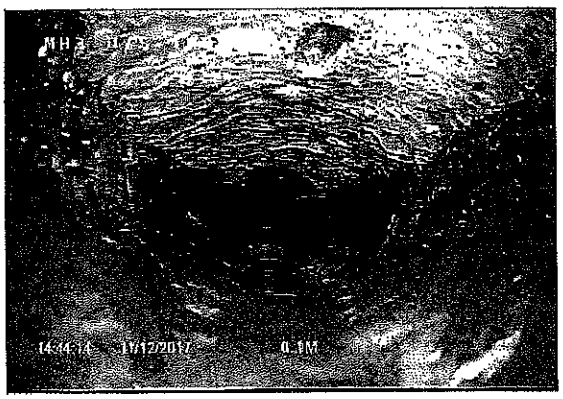


Photo: 7_7_45_A.jpg
0.1m, Deformed sewer/drain, 40%

Place :

Ajet Drain Services Ltd
Devereux Way
Street : Horncastle
Tel: 08000 190215
Fax:
Email: enquiries@ajetdrains.co.uk

Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	7	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

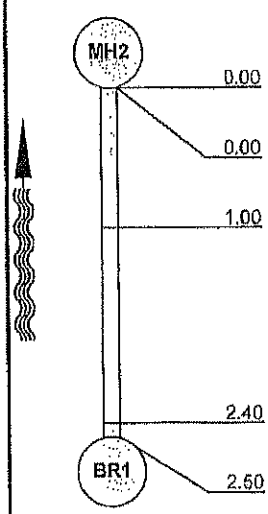
Place :	Donington	Location details:		U/S MH :	BR1
Road :	2 Station Street	Catchment:		D/S MH :	MH2
Location		Tape number :		Total length :	2.50 m
Inspection	MH2 (U/S) BR1			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Polyvinyl chloride
		Lining :	

Comment :

1:50 **Position** **Observation**

Depth: 0.23



0.00	Start node type, manhole, reference number : MH2
0.00	Water level, 0% of the vertical dimension
1.00	Water level, 5% of the vertical dimension
2.40	Water level, 0% of the vertical dimension
2.50	Start node type, gully, reference number : G

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade

Place :

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	8	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

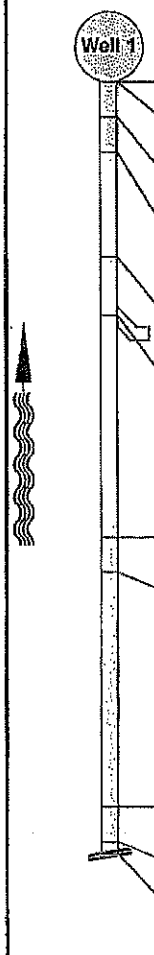
Place :	Donington	Location details:		U/S MH :	
Road :	2 Station Street	Catchment:		D/S MH :	Well 1
Location		Tape number :		Total length :	6.60 m
Inspection	Well 1 (U/S)			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	150 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

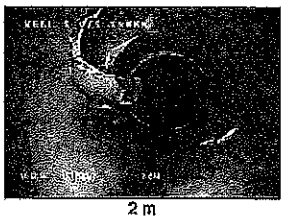
Comment :

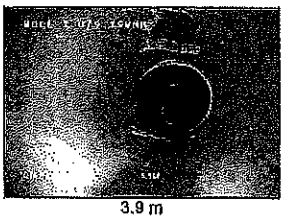
1:60 Position Observation

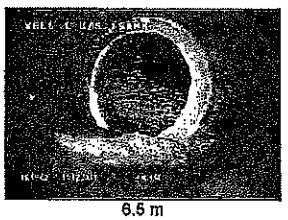
Depth: 0.45



0.00	Start node type, manhole, reference number : Well 1
0.00	Water level, 0% of the vertical dimension
0.30	Water level, 10% of the vertical dimension
0.60	Water level, 5% of the vertical dimension
1.50	Water level, 0% of the vertical dimension
2.00	Connection intruding, at 9 o'clock, diameter 100mm, intrusion 20%
3.90	Point repair, hole repaired, from 11 to 1 o'clock
4.20	Roots, fine at joint
6.20	Hole in drain/sewer, at 12 o'clock
6.50	Joint displaced, large
6.60	Survey abandoned


2 m


3.9 m


6.5 m

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
2	80	12.62	82	4	2	6	0.92	6	4

Place :

Ajet Drain Services Ltd
Devereux Way
Horncastle
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Fax:
Email: enquiries@ajetdrains.co.uk

Inspection pictures

Place :	Road :	Date :	Section number :	PLR :
	2 Station Street		8	

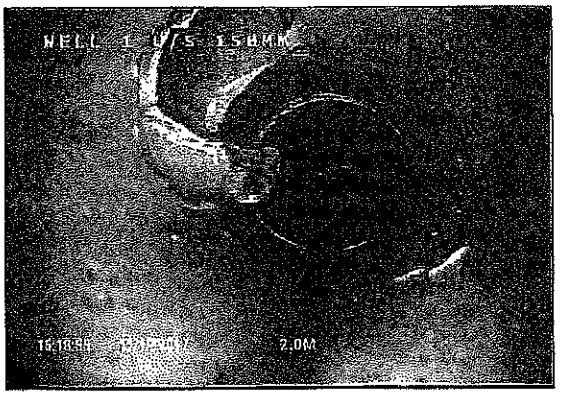


Photo: 9_9_57_A.jpg
2m, Connection intruding, at 9 o'clock, diameter 100mm, Intrusion 20%

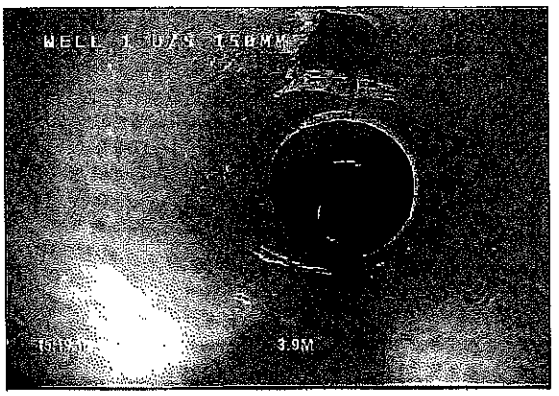


Photo: 9_9_58_A.jpg
3.9m, Point repair, hole repaired, from 11 to 1 o'clock

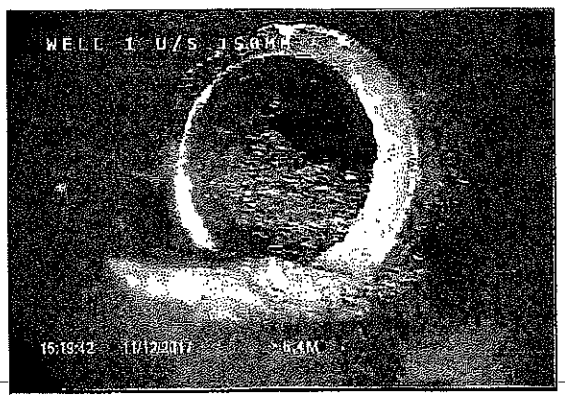


Photo: 9_9_61_A.jpg
6.5m, Joint displaced, large

Place :

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	9	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

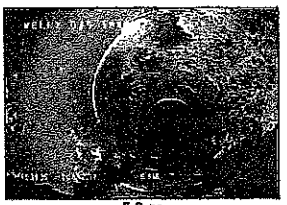
Place :	Donington	Location details:		U/S MH :	
Road :	2 Station Street	Catchment:		D/S MH :	Well 2
Location		Tape number :		Total length :	12.30 m
Inspection	Well 2 (U/S)			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material ;	Vitrified clay
		Lining :	

Comment :

1:108 Depth: 0.65

Position		Observation
0.00		Start node type, manhole, reference number : Well 2
0.00		Water level, 0% of the vertical dimension
0.60		Water level, 35% of the vertical dimension
1.20		Joint displaced, large
1.40		Water level, 6% of the vertical dimension
1.40	S01	Attached deposits, encrustation, from 3 to 9 o'clock, 5% cross-sectional area loss, Start
1.80		Connection other than junction, at 12 o'clock, diameter 100mm
5.10	C01	Attached deposits, encrustation, from 12 to 12 o'clock, 5% cross-sectional area loss
5.90		Crack, circumferential, from 12 to 12 o'clock
5.90		Crack, longitudinal, at 8 o'clock
10.50		Line deviates left
10.70		Joint displaced, medium
10.80		Crack, circumferential, from 12 to 12 o'clock
11.00		Line deviates right
11.80		Line deviates up


5.9 m

Place :

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Inspection Report

Date :	Job number :	Weather :	Operator :	Section number :	PLR :
11/12/2017		no rain or snow	RM	9	X
Present :	Vehicle :	Camera :	Preset :	Cleaned :	Grade:

1:108	Position		Observation
	12.30	F01	Attached deposits, encrustation, from 3 to 9 o'clock, 5% cross-sectional area loss, End
	12.30		Survey abandoned

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
6	20	2.66	33	2	2	2	0.97	11.9	3

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Inspection pictures

Place :	Road :	Date :	Section number :	PLR :
	2 Station Street		9	

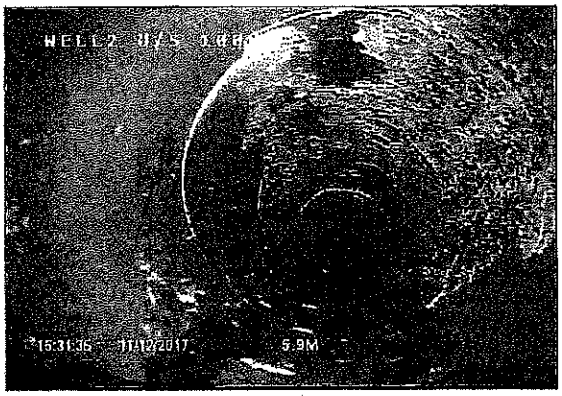


Photo: 10_10_71_A.jpg
5.9m, Crack, circumferential, from 12 to 12 o'clock

Place :

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Devereux Way
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Email: enquiries@ajetdrains.co.uk

Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	10	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

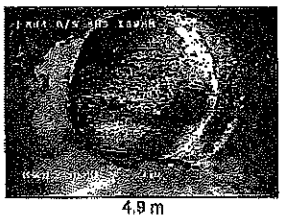
Place :	Donington	Location details:		U/S MH :	MH4
Road :	2 Station Street	Catchment:		D/S MH :	MH3
Location		Tape number :		Total length :	5.00 m
Inspection	MH4 (D/S) MH3			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

1:50 Position Observation

Depth: 0.65





0.00	Start node type, manhole, reference number : MH4
0.00	Water level, 0% of the vertical dimension
0.20	Line deviates right
4.80	Line deviates left
4.90	Joint displaced, medium
5.00	Finish node type, manhole reference number: MH3

Depth: 1

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	1	0.2	1	1	0	0	0	0	1

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Inspection pictures

Place :	Road :	Date :	Section number :	PLR :
	2 Station Street		10	

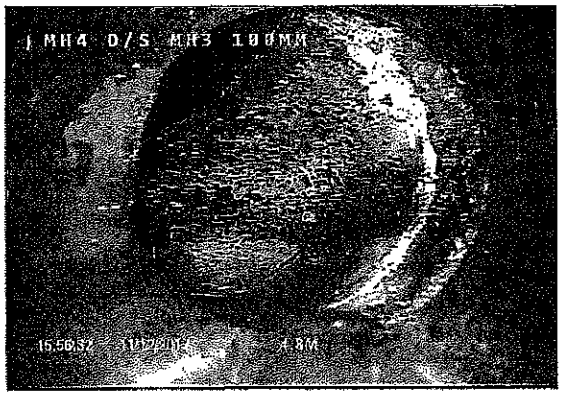


Photo: 11_11_85_A.jpg
4.9m, Joint displaced, medium

Place :

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	11	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

Place :	Donington	Location details:		U/S MH :	BR1
Road :	2 Station Street	Catchment:		D/S MH :	MH4
Location		Tape number :		Total length :	3.40 m
Inspection	MH4 (U/S) BR1			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

1:50 **Position** **Observation**

Depth: 0.65



1 m



0.00		Start node type, manhole, reference number : MH4
0.00		Water level, 5% of the vertical dimension
0.00	S01	Attached deposits, encrustation, from 3 to 9 o'clock, 5% cross-sectional area loss, Start
1.00	C01	Attached deposits, encrustation, from 4 to 8 o'clock, 10% cross-sectional area loss
2.10		Line deviates up
3.00		Joint displaced, medium
3.00		Line deviates down
3.10		Line deviates up
3.10	F01	Attached deposits, encrustation, from 3 to 9 o'clock, 10% cross-sectional area loss, End
3.40		Survey abandoned

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	1	0.32	1	1	2	3	1.65	5.1	3

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Inspection pictures

Place :	Road :	Date :	Section number :	PLR :
	2 Station Street		11	

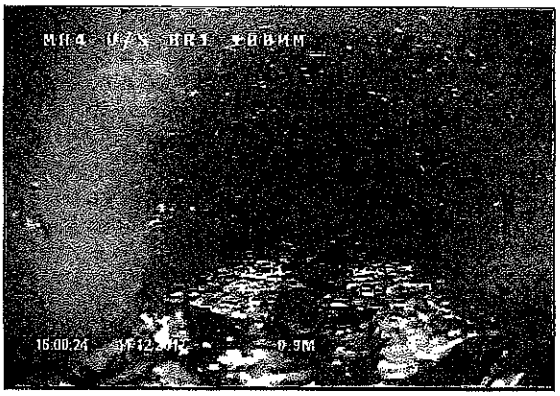


Photo: 12_12_90_A.jpg
1m, Attached deposits, encrustation, from 4 to 8 o'clock, 10% cross-sectional area loss

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PI.R:
11/12/2017		no rain or snow	RM	12	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

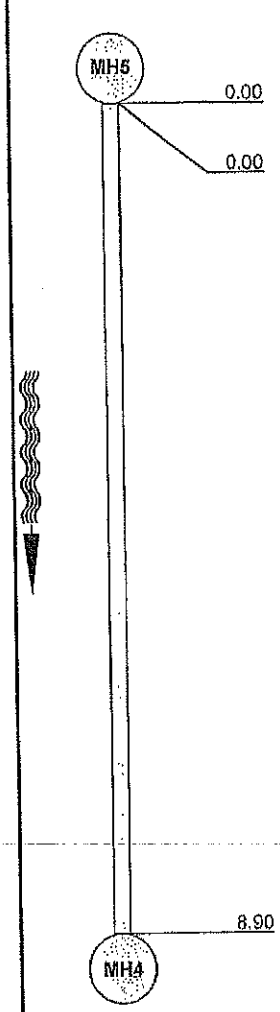
Place :	Donington	Location details:		U/S MH :	MH5
Road :	2 Station Street	Catchment:		D/S MH :	MH4
Location		Tape number :		Total length :	8.90 m
Inspection	MH5 (D/S) MH4			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

1:75 Position Observation

Depth: 0.42



0.00 Start node type, manhole, reference number : MH5

0.00 Water level, 0% of the vertical dimension

8.90 Finish node type, manhole reference number: MH4

Depth: 0.65

Structural Defects
Service Defects
Constructional Features
Miscellaneous Features

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

Place :

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Fax:
Email: enquiries@ajetdrains.co.uk

Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	13	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

Place :	Donington	Location details:		U/S MH :	MH6
Road :	2 Station Street	Catchment:		D/S MH :	MH5
Location		Tape number :		Total length :	4.00 m
Inspection	MH6 (D/S) MH5			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine Inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

1:50 **Position** **Observation**

Depth: 0.4



MH6		
0.00		Start node type, manhole, reference number : MH6
0.00		Water level, 0% of the vertical dimension
0.00	S01	Attached deposits, encrustation, from 4 to 8 o'clock, 5% cross-sectional area loss, Start
2.50		Water level, 5% of the vertical dimension
3.20		Line deviates right
3.60		Hole in drain/sewer, at 3 o'clock
3.80		Line deviates right
MH5		
4.00	F01	Attached deposits, encrustation, from 4 to 8 o'clock, 5% cross-sectional area loss, End
4.00		Finish node type, manhole reference number: MH5

Depth: 0.42

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
1	80	20	80	4	1	1	1	4	3

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	14	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

Place :	Donington	Location details:		U/S MH :	WC
Road :	2 Station Street	Catchment:		D/S MH :	MH6
Location		Tape number :		Total length :	1.50 m
Inspection	MH6 (U/S) WC			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

1:50	Position	Observation
Depth: 0.4		
MH6	0.00	Start node type, manhole, reference number : MH6
	0.00	Water level, 0% of the vertical dimension
	1.30	Line deviates up
	1.50	Survey abandoned



Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

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Inspection report

Date : 11/12/2017	Job number :	Weather : no rain or snow	Operator : RM	Section number : 16	PLR: X
Temperature above freezing	Vehicle :	Camera :	Preset :	Cleaned :	Operator : RM

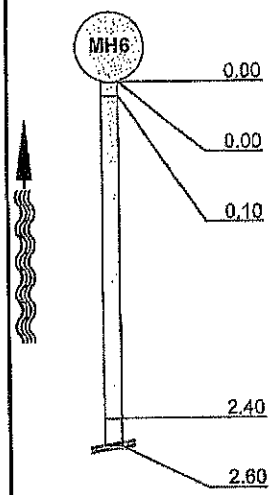
Place :	Donington	Location details:		U/S MH :	BR1
Road :	2 Station Street .	Catchment:		D/S MH :	MH6
Location		Tape number :		Total length :	2.60 m
Inspection	MH6 (U/S) BR1			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

1:50 **Position** **Observation**

Depth: 0.4



0.00	Start node type, manhole, reference number : MH6
0.00	Water level, 0% of the vertical dimension
0.10	Line deviates left
2.40	Line deviates up
2.60	Survey abandoned

Structural Defects | Constructional Features
Service Defects | Miscellaneous Features

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

Place :

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	16	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

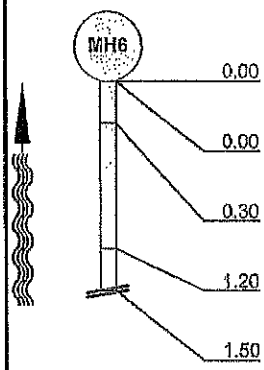
Place :	Donington	Location details:		U/S MH :	BR2
Road :	2 Station Street	Catchment:		D/S MH :	MH6
Location		Tape number :		Total length :	1.50 m
Inspection	MH6 (U/S) BR2			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine Inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

1:50 Position Observation

Depth: 0.4



0.00	Start node type, manhole, reference number : MH6
0.00	Water level, 0% of the vertical dimension
0.30	Line deviates right
1.20	Line deviates up
1.50	Survey abandoned

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

Place :

Ajet Drain Services Ltd
Devereux Way
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Tel: 08000 190215
Fax:
Email: enquiries@ajetdrains.co.uk

Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	17	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

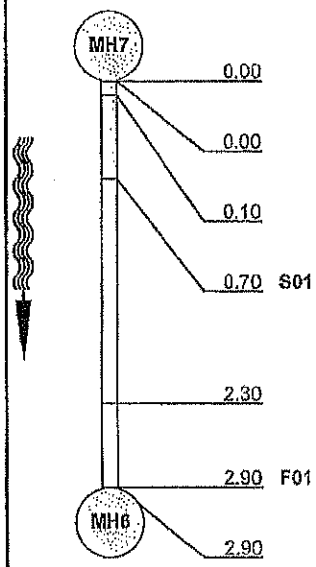
Place :	Donington	Location details:		U/S MH :	MH7
Road :	2 Station Street	Catchment:		D/S MH :	MH6
Location		Tape number :		Total length :	2.90 m
Inspection	MH7 (D/S) MH6			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Polyvinyl chloride
		Lining :	

Comment :

1:50 **Position** **Observation**

Depth: 0.26



0.00		Start node type, manhole, reference number : MH7
0.00		Water level, 0% of the vertical dimension
0.10		Line deviates right
0.70	S01	Attached deposits, encrustation, from 5 to 7 o'clock, 5% cross-sectional area loss, Start
2.30		Line deviates right
2.90	F01	Attached deposits, encrustation, from 5 to 7 o'clock, 5% cross-sectional area loss, End
2.90		Finish node type, manhole reference number: MH6

Depth: 0.4

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	1	1	0.76	2.2	2

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	18	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

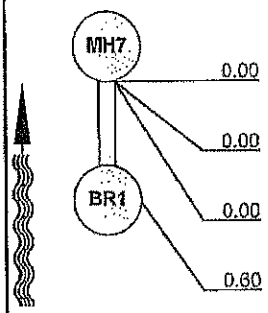
Place :	Donington	Location details:		U/S MH :	BR1
Road :	2 Station Street	Catchment:		D/S MH :	MH7
Location		Tape number :		Total length :	0.60 m
Inspection	MH7 (U/S) BR1			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Polyvinyl chloride
		Lining :	

Comment :

1:50 **Position** **Observation**

Depth: 0.26



0.00	Start node type, manhole, reference number : MH7
0.00	Water level, 0% of the vertical dimension
0.00	Line deviates right
0.60	Finish node type, gully reference number: BR1

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

Place :

Ajet Drain Services Ltd
Devereux Way
Street : Horncastle
Tel: 08000 190215
Fax:
Email: enquiries@ajetdrains.co.uk

Inspection report

Date : 11/12/2017	Job number :	Weather : no rain or snow	Operator : RM	Section number : 19	PLR: X
Temperature above freezing	Vehicle :	Camera :	Preset :	Cleaned :	Operator : RM

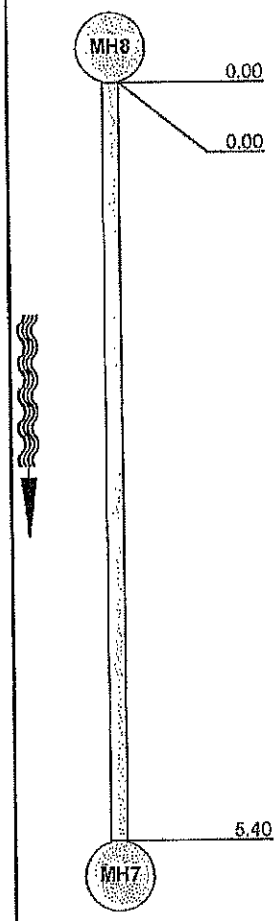
Place :	Donington	Location details:		U/S MH :	MH8
Road :	2 Station Street	Catchment:		D/S MH :	MH7
Location		Tape number :		Total length :	5.40 m
Inspection	MH8 (D/S) MH7			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Polyvinyl chloride
		Lining :	

Comment :

1:50 **Position** **Observation**

Depth: 0.18



0.00 Start node type, manhole, reference number : MH8

0.00 Water level, 0% of the vertical dimension

5.40 Finish node type, manhole reference number: MH7

Depth: 0.26

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

Ajet Drain Services Ltd
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Tel: 08000 190215
Fax:
Email: enquiries@ajetdrains.co.uk

Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	20	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

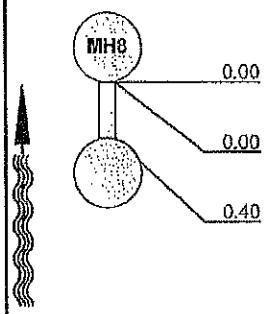
Place :	Donington	Location details:		U/S MH :	
Road :	2 Station Street	Catchment:		D/S MH :	MH8
Location		Tape number :		Total length :	0.40 m
Inspection	MH8 (U/S)			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine Inspection of condition	Pipe material :	Polyvinyl chloride
		Lining :	

Comment :

1:50 Position Observation

Depth: 0.18



0.00	Start node type, manhole, reference number : MH8
0.00	Water level, 0% of the vertical dimension
0.40	Finish node type, gully reference number: gy

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

AJET drainservices

Ajet Drain Services Ltd
Devereux Way
Street : Horncastle
Tel: 08000 190215
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Email: enquiries@ajetdrains.co.uk

Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	21	X
Temperature above freezing	Vehicle :	Camera :	Preset :	Cleaned :	Operator : RM

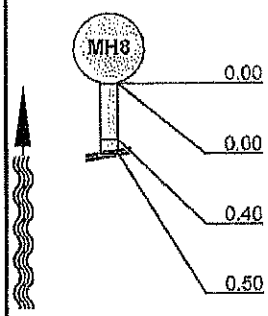
Place :	Donington	Location details:		U/S MH :	BR1
Road :	2 Station Street	Catchment:		D/S MH :	MH8
Location		Tape number :		Total length :	0.50 m
Inspection	MH8 (U/S) BR1			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Polyvinyl chloride
		Lining :	

Comment :

1:50 **Position** **Observation**

Depth: 0.18



0.00	Start node type, manhole, reference number : MH8
0.00	Water level, 0% of the vertical dimension
0.40	Line deviates up
0.50	Survey abandoned

Structural Defects | Constructional Features

Service Defects | Miscellaneous Features

STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

Place :

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Inspection report

Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	22	X
Temperature	Vehicle :	Camera :	Preset :	Cleaned :	Operator :
above freezing					RM

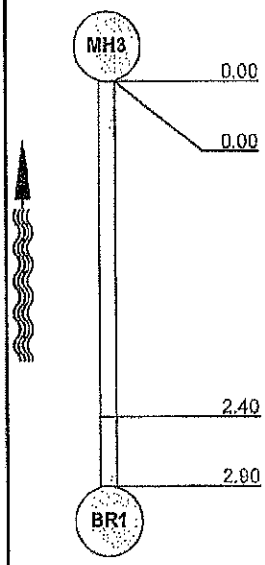
Place :	Donington	Location details:		U/S MH :	BR1
Road :	2 Station Street	Catchment:		D/S MH :	MH3
Location		Tape number :		Total length :	2.90 m
Inspection	MH3 (U/S) BR1			Pipe length :	

Catchment:		Pipe shape :	Circular
Year laid :		Pipe size :	100 mm
Purpose :	Routine inspection of condition	Pipe material :	Vitrified clay
		Lining :	

Comment :

1:50 Position Observation

Depth: 1



0.00	Start node type, manhole, reference number : MH3
0.00	Water level, 0% of the vertical dimension
2.40	Line deviates up
2.90	Finish node type, gully reference number: BR1

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
0	0	0	0	1	0	0	0	0	1

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Inspection report

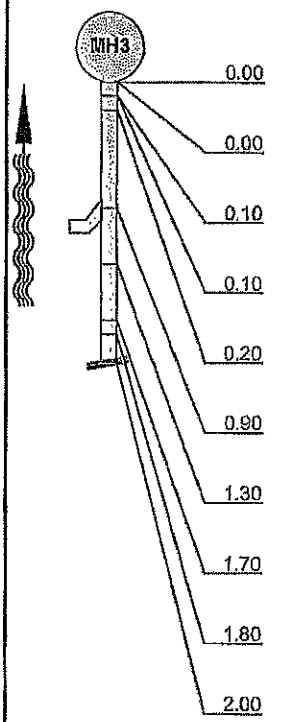
Date :	Job number :	Weather :	Operator :	Section number :	PLR:
11/12/2017		no rain or snow	RM	23	X
Temperature above freezing	Vehicle :	Camera :	Preset :	Cleaned :	Operator : RM

Place :	Donington	Location details:		U/S MH :	BR2
Road :	2 Station Street	Catchment:		D/S MH :	MH3
Location		Tape number :		Total length :	2.00 m
Inspection	MH3 (U/S) BR2			Pipe length :	
Catchment:			Pipe shape :	Circular	
Year laid :			Pipe size :	100 mm	
Purpose :	Routine Inspection of condition		Pipe material :	Vitrified clay	
			Lining :		

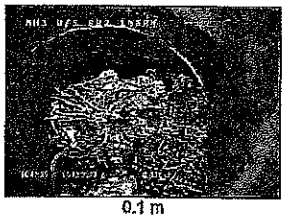
Comment :

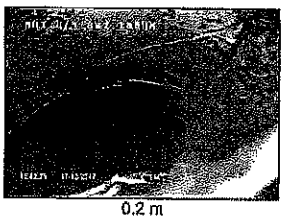
1:50 Position Observation

Depth: 0.82



0.00	Start node type, manhole, reference number : MH3
0.00	Water level, 0% of the vertical dimension
0.10	Roots, mass, 80% cross-sectional area loss
0.10	Crack, circumferential, from 9 to 3 o'clock
0.20	Fracture, circumferential, from 9 to 3 o'clock
0.90	Junction, at 3 o'clock, diameter 100mm
1.30	Line deviates right
1.70	Joint displaced, medium
1.80	Line deviates up
2.00	Survey abandoned


0.1 m


0.2 m

Structural Defects					Constructional Features				
Service Defects					Miscellaneous Features				
STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
3	40	28.33	61	3	1	20	11.11	20	5

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Inspection pictures

Place :	Road :	Date :	Section number :	PLR :
	2 Station Street		23	

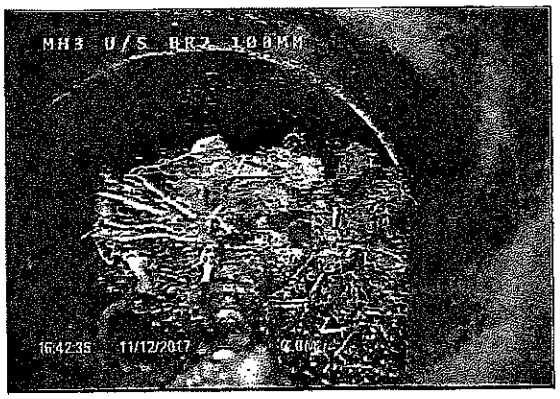


Photo: 24_24_153_A.jpg
0.1m, Roots, mass, 80% cross-sectional area loss

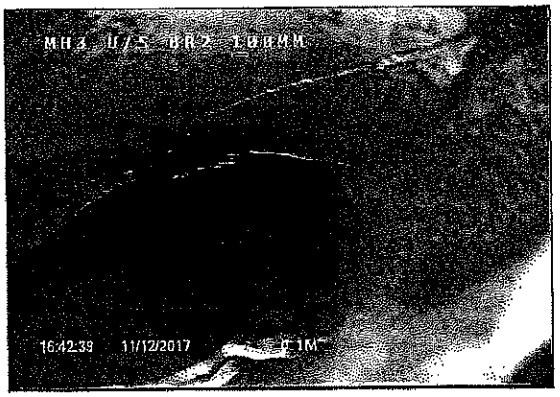


Photo: 24_24_155_A.jpg
0.2m, Fracture, circumferential, from 9 to 3 o'clock