



Project

Project Name: CTS-MC 0129 20-21 Cranwood House
Project Description: CCTV Survey Route Inspection
Project Status: On Site
Project Date: 08/06/2021
Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)



MCALLISTER
GROUP

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CTS-MC 0129 20-21 Cranwood House		08/06/2021

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Project Information

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Client

Company: McAllister Group
Description: McAllister Group Civils, Survey Company
Contact: <https://www.mcallistergroup.com/contact-us/>
Department: CCTV Inspection - Survey Department
Street: Unit B, Horton Trading Estate Stanwell Road
Town or City: Horton
County: Slough
Post Code: SL3 9PF
Phone: 01753 376884
Email: <https://www.mcallistergroup.com/contact-us/>

**Site**

Company: Mc Allisters Group
Contact: Jamie Babb
Department: Project Manager
Street: Unit B, Horton Trading Estate, Stanwell Road
Town or City: Stanwell Road
County: Slough
Post Code: SL3 9PF
Phone: 01753376884
Mobile: 07769648187
Email: Jamie.Babb@Mcallistergroup.com

**Contractor**

Company: CTS Ltd
Description: Cable Tracing Services Limited
Contact: Joseph Marland-Brown
Department: CCTV Division
Street: WildOaks, Clapgate, Chivers Road
Town or City: Stondon Massey
County: Essex
Post Code: CM15 0LH
Phone: 01277 822102
Mobile: 07920429070
Email: joseph@ctsltd.info



Project Information

Project Name	Project Number	Project Date
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Project Summary

CCTV Survey Route Inspection

**CABLE TRACING
SERVICES LTD.**

SERVING THE UTILITIES INDUSTRY

CTS Ltd*WildOaks, Clapgate, Chivers Road, Stondon Massey
Tel. 01277 822102
joseph@ctsltd.info***Project Information**

Project Name	Project Number	Project Date
CTS-MC 0129 20-21 Cranwood House		08/06/2021

Project Notes

CCTV Survey Route Inspection

Scoring Summary

Project Name	Project Number	Project Date
CTS-MC 0129 20-21 Cranwood House		08/06/2021

Structural Defects

Section	PLR	Grade	Description
All inspected pipes are in an acceptable structural condition (< grade 3).			

Service / Operational Condition

Section	PLR	Grade	Description
All inspected pipes are in an acceptable service condition (< grade 3).			

Abandoned Surveys

Section	PLR	Description
1	Garden 1X	Survey abandoned
3	MH3101X	Survey abandoned

Information

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

Section Profile**Project Name**
CTS-MC 0129 20-21 Cranwood House**Project Number****Project Date**
08/06/2021**Circular, 150 mm, 150 mm**

Section	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
2	Prop MH2	Prop MH1	08/06/2021	Woodside Ave	Vitrified clay	0.98 m	0.98 m

Total: 1 Inspection x Circular 150 mm, 150 mm = 0.98 m Total Length and 0.98 m Inspected Length**Total: 1 Inspection = 0.98 m Total Length and 0.98 m Inspected Length**

Section Summary

Project Name CTS-MC 0129 20-21 Cranwood House	Project Number	Project Date 08/06/2021
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Number of sections	3
Total length of sewer network	42.43 m
Total length of inspections	42.43 m
Total length of abandoned inspections	0.00 m
Total abandoned inspections	2
Number of section inspection photos	30
Number of section inspection videos	4
Number of section inspection scans	0
Number of section inclination measurements	0

PLR:	Garden 1X	Upstream Node:	Garden 1
Inspection Direction:	Upstream	Downstream Node:	Prop MH1
Inspected Length:	9.13 m	Dia/Height:	300 mm
Total Length:	9.13 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	WL	Water level, 0% of the vertical dimension
2	0.00	MH	Start node, manhole, reference: Prop MH1
3	2.24	CN	Connection other than junction at 3 o'clock, diameter: 300mm
4	2.24	RFJ	Roots, fine at joint
5	7.03	CN	Connection other than junction at 12 o'clock, diameter: 100mm
6	7.04	OBX	Other obstacles, other object in invert from 5 o'clock to 7 o'clock, 15% cross-sectional area loss, start
7	9.13	SA	Survey abandoned

PLR:	Prop MH2X	Upstream Node:	Prop MH2
Inspection Direction:	Upstream	Downstream Node:	Prop MH1
Inspected Length:	0.98 m	Dia/Height:	150 mm
Total Length:	0.98 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: Prop MH1
2	0.00	WL	Water level, 5% of the vertical dimension
3	0.98	GP	General photograph taken at this point
4	0.98	MHF	Finish node, manhole, reference: Prop MH2

PLR:	MH3101X	Upstream Node:	MH3101
Inspection Direction:	Downstream	Downstream Node:	MH4108
Inspected Length:	32.31 m	Dia/Height:	300 mm
Total Length:	32.31 m	Material:	Vitrified clay

Section Summary

Project Name	Project Number	Project Date
CTS-MC 0129 20-21 Cranwood House		08/06/2021

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MH3101
2	0.00	MH	Start node, manhole, reference: MH3101
3	0.00	WL	Water level, 50% of the vertical dimension
4	32.31	SA	Survey abandoned

Section Inspection - 08/06/2021 - Garden 1X

Section 1	Inspection 1	Date 08/06/21	Time 21:50	Client's Job Ref 0129	Weather No Rain Or Snow	Pre Cleaned No	PLR GARDEN 1X
Operator RK		Vehicle RV67OTE		Camera Am150	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Fortis Green	Inspection Direction:	Upstream	Upstream Node:	GARDEN 1
Road:	Woodside Ave	Inspected Length:	9.13 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	9.13 m	Downstream Node:	PROP MH1
Surface Type:	Block Paved	Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm	Width:	300 mm
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		
Comments:	Garden node is a bend not a MH				
Recommendations:	None				

Scale: 1:79	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m Prop MH1						
0.00	WL	Water level, 0% of the vertical dimension	00:00:00	Garden 1X_7170d1f4-2883-4		
0.00	MH	Start node, manhole, reference: Prop MH1: Start	00:00:00	Garden 1X_bd2653fe-2538-4		
2.24	CN	Connection other than junction at 3 o'clock, diameter: 300mm: connection	00:01:29	Garden 1X_d04540f9-b93c-4		
2.24	RFJ	Roots, fine at joint: fine roots in joint	00:01:45	Garden 1X_bfc166f0-2869-4c		2
7.03	CN	Connection other than junction at 12 o'clock, diameter: 100mm: connection	00:03:01	Garden 1X_37f0d21a-f97c-4c		
7.04	S01	OBX Other obstacles, other object in invert from 5 o'clock to 7 o'clock, 15% cross-sectional area loss, start: debris in pipe	00:03:19	Garden 1X_bf916249-7f9a-47		5
9.13	SA	Survey abandoned: survey abandoned due to crawler unable to get pass debris	00:08:25	Garden 1X_fc882bd2-6db1-4		

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	2	1.0	0.0	11.0	2.0

Section Pictures - 08/06/2021 - Garden 1X

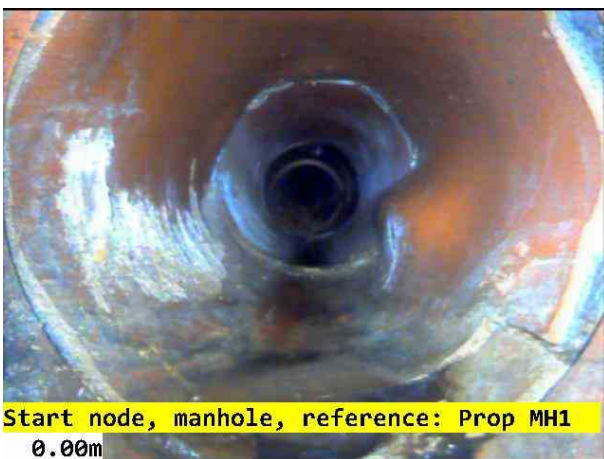
Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	GARDEN 1X	0129	



Garden
1X_7170d1f4-2883-49ab-aa33-b22bf1d24c8b_20210608_2129
08_236.jpg, 00:00:00, 0.00 m
Water level, 0% of the vertical dimension



Garden
1X_c0a31266-2833-416d-85bc-7db716e4cd04_20210608_212
913_200.jpg, 00:00:00, 0.00 m
Water level, 0% of the vertical dimension



Garden
1X_bd2653fe-2538-464b-b275-6cc9fad63ed5_20210608_2128
55_708.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: Prop MH1, Start



Garden
1X_d8896931-0468-4495-b516-d9d9ac0b8949_20210608_212
912_178.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: Prop MH1, Start

Section Pictures - 08/06/2021 - Garden 1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	GARDEN 1X	0129	



Garden
1X_d04540f9-b93c-4312-8144-1464a774e2c5_20210608_215
200_630.jpg, 00:01:29, 2.24 m
Connection other than junction at 3 o'clock, diameter: 300mm,
connection



Garden
1X_dd4cb79b-82fb-4b5c-800c-06b83d48be8d_20210608_215
203_709.jpg, 00:01:29, 2.24 m
Connection other than junction at 3 o'clock, diameter: 300mm,
connection



Garden
1X_bfc166f0-2869-4cab-ba87-cd3921366bdd_20210608_2152
51_765.jpg, 00:01:45, 2.24 m
Roots, fine at joint, fine roots in joint



Garden
1X_4517b416-12e5-4861-985b-eae0c8bead6b_20210608_215
255_277.jpg, 00:01:45, 2.24 m
Roots, fine at joint, fine roots in joint

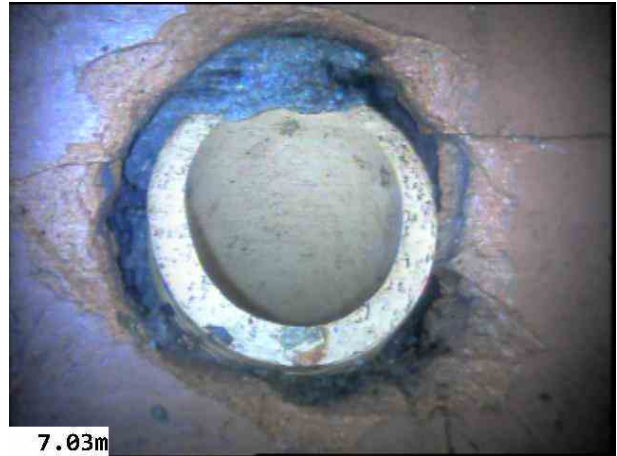
Section Pictures - 08/06/2021 - Garden 1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	GARDEN 1X	0129	



Connection other than junction at 12
7.03m, diameter: 100mm

Garden
1X_37f0d21a-f97c-4cae-b499-1213055a06a0_20210608_2154
23_530.jpg, 00:03:01, 7.03 m
Connection other than junction at 12 o'clock, diameter: 100mm,
connection



7.03m

Garden
1X_077501f0-4d3e-4c4e-886b-704c87fc9377_20210608_2154
26_358.jpg, 00:03:01, 7.03 m
Connection other than junction at 12 o'clock, diameter: 100mm,
connection



Other obstacles, other object in invert
7.04mo'clock to 7 o'clock, 15%

Garden
1X_bf916249-7f9a-4707-bdb8-e101dd684cdd_20210608_2155
03_862.jpg, 00:03:19, 7.04 m
Other obstacles, other object in invert from 5 o'clock to 7
o'clock, 15% cross-sectional area loss, start, debris in pipe



7.04m

Garden
1X_32862a37-9c63-4a7d-aa82-10fe5cc42024_20210608_215
507_136.jpg, 00:03:19, 7.04 m
Other obstacles, other object in invert from 5 o'clock to 7
o'clock, 15% cross-sectional area loss, start, debris in pipe

Section Pictures - 08/06/2021 - Garden 1X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	GARDEN 1X	0129	



Garden
1X_fc882bd2-6db1-48c2-99b8-78ec3c304a44_20210608_220154_280.jpg, 00:08:25, 9.13 m
Survey abandoned, survey abandoned due to crawler unable to get pass debris



Garden
1X_a6664f8a-d5d2-485e-9306-ae7d85adfb9a_20210608_220203_442.jpg, 00:08:25, 9.13 m
Survey abandoned, survey abandoned due to crawler unable to get pass debris

Section Rehab - 08/06/2021 - Garden 1X

Section 1	Inspection 1	Date 08/06/21	Time 21:50	Client's Job Ref 0129	Weather No Rain Or Snow	Pre Cleaned No	PLR GARDEN 1X
Operator RK		Vehicle RV67OTE		Camera Am150	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Fortis Green	Inspection Direction:	Upstream	Upstream Node:	GARDEN 1
Road:	Woodside Ave	Inspected Length:	9.13 m	Upstream Pipe Depth:	0
Location:	Property or buildings	Total Length:	9.13 m	Downstream Node:	PROP MH1
Surface Type:	Block Paved	Joint Length:	0.00 m	Downstream Pipe Depth:	0
Comments:	Garden node is a bend not a MH				
Recommendations:	None				

Scale: 1:67	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m Prop MH1 0.00 0.00 2.24 2.24 7.03 7.04 9.13						
	0.00	WL	Water level, 0% of the vertical dimension	00:00:00		
	0.00	MH	Start node, manhole, reference: Prop MH1: Start	00:00:00		
	2.24	CN	Connection other than junction at 3 o'clock, diameter: 300mm: connection	00:01:29		
	2.24	RFJ	Roots, fine at joint: fine roots in joint	00:01:45		2
	7.03	CN	Connection other than junction at 12 o'clock, diameter: 100mm: connection	00:03:01		
	7.04	S01 OBX	Other obstacles, other object in invert from 5 o'clock to 7 o'clock, 15% cross-sectional area loss, start: debris in pipe	00:03:19		5
	9.13	SA	Survey abandoned: survey abandoned due to crawler unable to get pass debris	00:08:25		

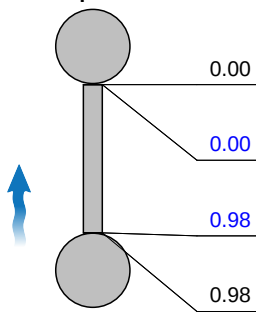
Section Inspection - 08/06/2021 - Prop MH2X

Section 2	Inspection 1	Date 08/06/21	Time 22:36	Client's Job Ref 0129	Weather No Rain Or Snow	Pre Cleaned No	PLR PROP MH2X
Operator RK		Vehicle RV67OTE		Camera Am150	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Fortis Green	Inspection Direction:	Upstream	Upstream Node:	PROP MH2
Road:	Woodside Ave	Inspected Length:	0.98 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	0.98 m	Downstream Node:	PROP MH1
Surface Type:	Block Paved	Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm	Width:	150 mm
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations: None

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m Prop MH1 						
	0.00	MH	Start node, manhole, reference: Prop MH1: Start	00:00:00	Prop MH2X_04 448ee3-2b	
	0.00	WL	Water level, 5% of the vertical dimension: live flowing water	00:08:25	Prop MH2X_b0 971c87-47	
	0.98	GP	General photograph taken at this point: Poss backdrop in pipe	00:01:15	Prop MH2X_52 42af46-90	
	0.98	MHF	Finish node, manhole, reference: Prop MH2: finish	00:01:42	Prop MH2X_a4 4d1389-6f	

Depth: m

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 08/06/2021 - Prop MH2X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	PROP MH2X	0129	



Prop
MH2X_04448ee3-2b99-48af-a5f7-3f29f4c71ea5_20210608_22
3311_452.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: Prop MH1, Start



Prop
MH2X_8bbac6b6-9597-4dd1-bdba-3164a1d55792_20210608_
223317_119.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: Prop MH1, Start



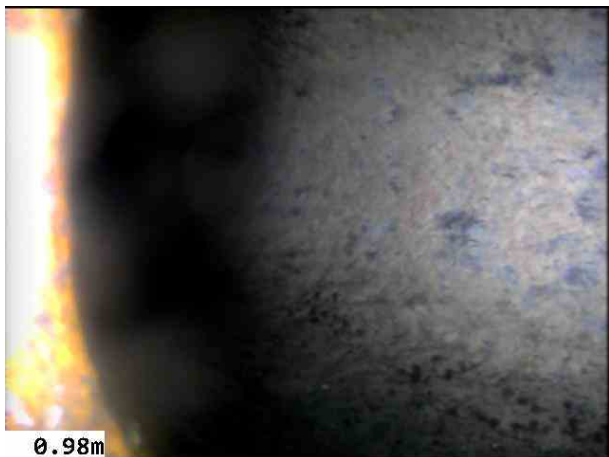
Prop
MH2X_b0971c87-47ae-4348-8f72-602ae474ae10_20210608_
223345_105.jpg, 00:08:25, 0.00 m
Water level, 5% of the vertical dimension, live flowing water



Prop
MH2X_4a6eaf6a-dd9a-4830-9109-8b711409eb4a_20210608_
223354_478.jpg, 00:08:25, 0.00 m
Water level, 5% of the vertical dimension, live flowing water

Section Pictures - 08/06/2021 - Prop MH2X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	PROP MH2X	0129	



0.98m

Prop
MH2X_5242af46-9029-4e30-9d06-4533e935abaf_20210608_2
23903_454.jpg, 00:01:15, 0.98 m
General photograph taken at this point, Poss backdrop in pipe



0.98m

Prop
MH2X_b69b6607-2d40-46c7-aa44-2af71f9207bb_20210608_2
23918_244.jpg, 00:01:15, 0.98 m
General photograph taken at this point, Poss backdrop in pipe



Finish node, manhole, reference: Prop MH2

0.98m

Prop
MH2X_a44d1389-6f57-4374-85d4-358e90591ad8_20210608_
223944_438.jpg, 00:01:42, 0.98 m
Finish node, manhole, reference: Prop MH2, finish



0.98m

Prop
MH2X_984aabe4-e69e-4fac-b79c-e0da79ed3f60_20210608_2
23948_903.jpg, 00:01:42, 0.98 m
Finish node, manhole, reference: Prop MH2, finish

Section Rehab - 08/06/2021 - Prop MH2X

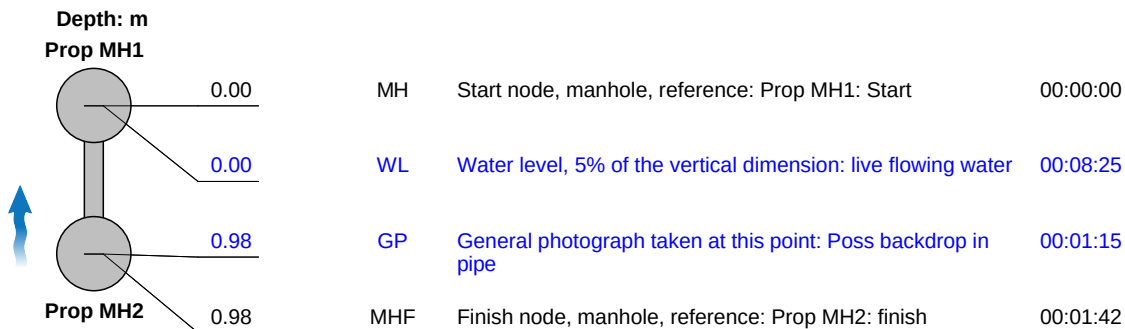
Section 2	Inspection 1	Date 08/06/21	Time 22:36	Client's Job Ref 0129	Weather No Rain Or Snow	Pre Cleaned No	PLR PROP MH2X
Operator RK		Vehicle RV67OTE		Camera Am150	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Fortis Green	Inspection Direction:	Upstream	Upstream Node:	PROP MH2
Road:	Woodside Ave	Inspected Length:	0.98 m	Upstream Pipe Depth:	0
Location:	Property or buildings	Total Length:	0.98 m	Downstream Node:	PROP MH1
Surface Type:	Block Paved	Joint Length:	0.00 m	Downstream Pipe Depth:	0

Comments:

Recommendations: None

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
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Depth: m

Section Inspection - 08/06/2021 - MH3101X

Section 3	Inspection 1	Date 08/06/21	Time 23:53	Client's Job Ref 0129	Weather No Rain Or Snow	Pre Cleaned No	PLR MH3101X
Operator RK		Vehicle RV67OTE		Camera Am150	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Fortis Green	Inspection Direction:	Downstream	Upstream Node:	MH3101
Road:	Woodside Ave	Inspected Length:	32.31 m	Upstream Pipe Depth:	
Location:	Road	Total Length:	32.31 m	Downstream Node:	MH4108
Surface Type:	Asphalt Highway	Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm	Width:	300 mm
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:

Recommendations: None

Scale: 1:279	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH3101						
	0.00	MH	Start node, manhole, reference: MH3101: start After Jetting	00:00:00	MH3101X_a5657dc5-dbc0-458	
	0.00	MH	Start node, manhole, reference: MH3101: Start	00:00:00	MH3101X_3d6eea92-3220-4c	
	0.00	WL	Water level, 50% of the vertical dimension: Live flowing water	00:00:00	MH3101X_4a2c18ac-9a63-446	
	32.31	SA	Survey abandoned: survey abandoned due to crawler unable to get pass debris in pipe, pipe has been jetted multiple times.	00:13:48	MH3101X_699957ce-011f-4176	
MH4108 Depth: m						

Construction Features
Structural Defects
Miscellaneous Features
Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 08/06/2021 - MH3101X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH3101X	0129	



Start node, manhole, reference: MH3101

0.00m

MH3101X_a5657dc5-dbc0-4580-9420-4210378118f4_202106
09_010604_249.jpg, 00:00:00, 0.00 m

Start node, manhole, reference: MH3101, start After Jetting



0.00m

MH3101X_ba210bd1-acca-4e62-82fd-a06e74728275_202106
09_010607_928.jpg, 00:00:00, 0.00 m

Start node, manhole, reference: MH3101, start After Jetting



Start node, manhole, reference: MH3101

0.00m

MH3101X_3d6eea92-3220-4cb3-937b-3d13dde98711_202106
08_235305_576.jpg, 00:00:00, 0.00 m

Start node, manhole, reference: MH3101, Start



0.00m

MH3101X_a0f0d067-7321-469b-aed3-9beae4369979_202106
08_235330_850.jpg, 00:00:00, 0.00 m

Start node, manhole, reference: MH3101, Start

Section Pictures - 08/06/2021 - MH3101X

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Downstream	MH3101X	0129	



MH3101X_4a2c18ac-9a63-4461-b9e5-7d72d19f9595_20210608_235326_821.jpg, 00:00:00, 0.00 m
Water level, 50% of the vertical dimension, Live flowing water



MH3101X_313601f5-30ac-49b2-be58-6823ab299050_20210608_235331_754.jpg, 00:00:00, 0.00 m
Water level, 50% of the vertical dimension, Live flowing water



MH3101X_699957ce-011f-4176-9f8f-091537243c26_20210609_013511_946.jpg, 00:13:48, 32.31 m
Survey abandoned, survey abandoned due to crawler unable to get pass debris in pipe, pipe has been jetted multiple times.



MH3101X_fe2cf3fc-a54e-45b4-9c62-45f7a2b82d14_20210609_013516_616.jpg, 00:13:48, 32.31 m
Survey abandoned, survey abandoned due to crawler unable to get pass debris in pipe, pipe has been jetted multiple times.

Section Rehab - 08/06/2021 - MH3101X

Section 3	Inspection 1	Date 08/06/21	Time 23:53	Client's Job Ref 0129	Weather No Rain Or Snow	Pre Cleaned No	PLR MH3101X
Operator RK		Vehicle RV67OTE		Camera Am150	Preset Length Not Specified	Legal Status Private Sewer	Alternative ID Not Specified

Town or Village:	Fortis Green	Inspection Direction:	Downstream	Upstream Node:	MH3101
Road:	Woodside Ave	Inspected Length:	32.31 m	Upstream Pipe Depth:	0
Location:	Road	Total Length:	32.31 m	Downstream Node:	MH4108
Surface Type:	Asphalt Highway	Joint Length:	0.00 m	Downstream Pipe Depth:	0

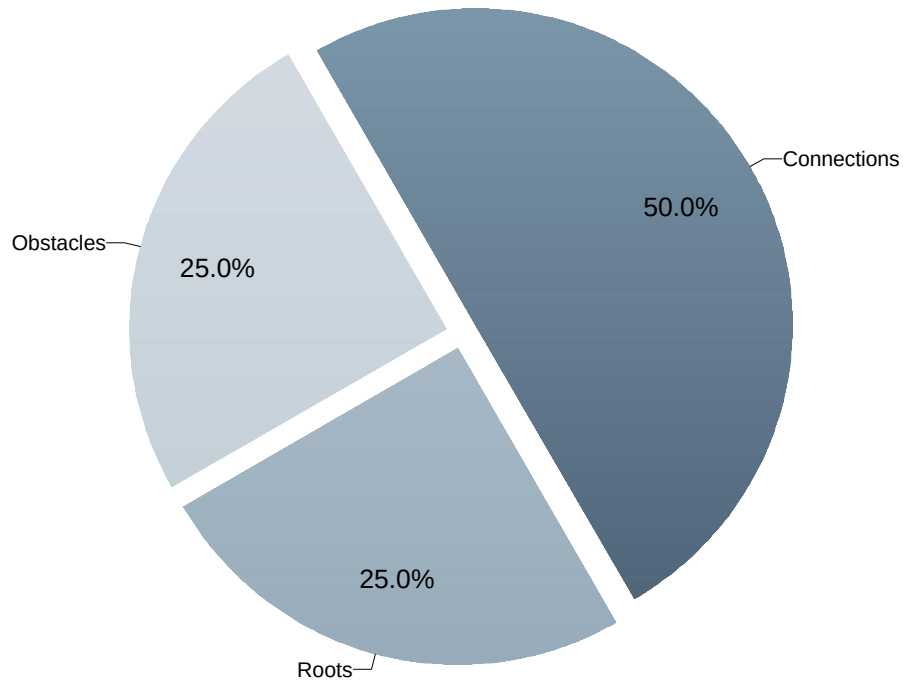
Comments:	
Recommendations:	None

Scale: 1:236	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m MH3101						
	0.00	MH	Start node, manhole, reference: MH3101: start After Jetting	00:00:00		
	0.00	MH	Start node, manhole, reference: MH3101: Start	00:00:00		
	0.00	WL	Water level, 50% of the vertical dimension: Live flowing water	00:00:00		
	32.31	SA	Survey abandoned: survey abandoned due to crawler unable to get pass debris in pipe, pipe has been jetted multiple times.	00:13:48		
Depth: m MH4108						

Damage overview

Project Name	Project Number	Project Date
CTS-MC 0129 20-21 Cranwood House		08/06/2021

Group	Count
Connections	2
Obstacles	1
Roots	1



Inspection Summary

Project Name
CTS-MC 0129 20-21 Cranwood House**Project Number****Project Date**
08/06/2021

Node from:	Garden 1	Total
Node to:	Prop MH1	
Section height:	300.00	
Section length:	9.13	42.43
Inspected length:	9.13	42.43
Abandoned:	X	
Connections:	2	2
Obstacles:	1	1
Roots:	1	1
Total:	4	4

WinCan

Notes:

Thank you for choosing to use WinCan to carry out your drainage investigation works.

The results and views carried in this report are those of the engineer(s) appointed to carry out the investigation and are considered relevant on the day of the survey. Drain and sewer performance is known to alter over time, so liability cannot be accepted for differences between the recorded data and the actual data at a time after this report was generated.

This survey has been created in accordance with the drainage standard used in the country and language settings for this PC.

If a DVD has been supplied with this report, please note that it can only be used in a Windows based PC. Please browse the DVD and navigate to the PDF folder to find project-based documents such as drawings, engineer's site notes and survey specifications amongst others.

CCTV subsidence investigations do not account for the water tightness of the pipes and are merely a visual inspection of inside of the drains. CCTV drainage engineers are generally not qualified to comment on the causes of subsidence, and can only suggest required remedial actions for the pipes, and not the affected buildings.

Subsidence is a building structural failure, which can occur for many reasons. Although drainage failures can contribute to subsidence problems, other causes should always be investigated as part of a considered approach. In order to eliminate drains from suspicion, WinCan suggests that all pipes within at least 10m of the subsidence area be pressure tested over and above a CCTV inspection, and remedial suggestions considered based on the findings.

Unless otherwise specified in an associated task order (or similar), the data gathered in this report may not be suitable for use as a pre-lining investigation. WinCan are happy to carry out such surveys, but this must be agreed prior to the commencement of the works, and the client must specify the data they wish to capture and the acceptable tolerances.

Where GPS coordinates and heights have been issued within this report, they are to 1m accuracy, and 2m accuracy for heights. Greater accuracy can be provided on request.