



Project

Project Name:

Project Description: WinCan Import in Miraculix Standard

Project Date:



Table of Contents

Project Name	Project Number	Project Date
Project Information		P-1
Scoring Summary		P-2
Section Profile		P-3
Section Summary		P-4
SectionItem1: MHCW02 > MHCW01 (MHCW02X)		1
SectionItem2: RWP > MHCW01 (RWPX)		5
SectionItem3: WC > MHCW01 (WCX)		8
SectionItem4: MHCW01 > PUBLIC (MHCW01X)		11
SectionItem5: GULLY > MHCW02 (GULLYX)		16
SectionItem6: ACO > MHCW02 (ACOX)		19
.....		23

**Knight and Day Drainage & Plumbing Limited***Unit 42, Greenway Business Centre Harlow Business Park**Tel. 01279 456008**admin@knightanddayltd.co.uk***Project Information****Project Name****Project Number****Project Date****Client**

Company:
Contact:
Street:
Town or City:
Post Code:

Site

Company:
Contact:
Street:
Town or City:
Post Code:
Phone:
Mobile:
Email:

Contractor

Company: Knight and Day Drainage & Plumbing Limited
Description: Specialist Drainage Contractor
Contact: Chris Reeve
Street: Unit 42
Town or City: Greenway Business Centre Harlow Business Park
County: Harlow Essex
Post Code: CM19 5QE
Phone: 01279 456008
Mobile: 07764 269451
Email: admin@knightanddayltd.co.uk





Scoring Summary

Project Name

Project Number

Project Date

Structural Defects

Grade 3: Best practice suggests consideration should be given to repairs in the medium term.

Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.

Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Item No.	PLR	Grade	Description
1	MHCW02X	3	Cracks, spiral at joint from 11 o'clock to 12 o'clock
4	MHCW01X	4	Fracture, spiral at joint from 12 o'clock to 12 o'clock

Service / Operational Condition

Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.

Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.

Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Item No.	PLR	Grade	Description
1	MHCW02X	2	Multiple defects

Abandoned Surveys

Item No.	PLR	Description
All inspections complete, none are abandoned.		

Information

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

**Knight and Day Drainage & Plumbing Limited**

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Profile

Project Name

Project Number

Project Date

Circular, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
2	RWP	MHCW01			Vitrified clay	0.99 m	0.99 m
3	WC	MHCW01			Vitrified clay	2.81 m	2.81 m
5	GULLY	MHCW02			Vitrified clay	1.10 m	1.10 m

Total: 3 Inspections x Circular 100 mm, 0 mm = 4.90 m Total Length and 4.90 m Inspected Length**Circular, 150 mm**

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	MHCW02	MHCW01			Vitrified clay	11.59 m	11.59 m
4	MHCW01	PUBLIC			Vitrified clay	14.63 m	14.63 m
6	ACO	MHCW02			Vitrified clay	2.39 m	2.39 m

Total: 3 Inspections x Circular 150 mm, 0 mm = 28.61 m Total Length and 28.61 m Inspected Length**Total: 6 Inspections = 33.52 m Total Length and 33.52 m Inspected Length**



Section Summary

Project Name	Project Number	Project Date
--------------	----------------	--------------

Number of sections	6
Total length of sections	33.52 m
Total length of inspected sections	33.52 m
Total length of not inspected sections	0.00 m
Number of abandoned inspections	0
Number of section inspection photos	53
Number of section inspection videos	6
Number of section inspection scans	0
Number of section inclination measurements	0

PLR:	MHCW02X	Upstream Node:	MHCW02
Inspection Direction:	Upstream	Downstream Node:	MHCW01
Inspected Length:	11.59 m	Dia/Height:	150 mm
Total Length:	11.59 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MHCW01
2	0.00	WL	Water level, 0% of the vertical dimension
3	1.06	LCCIP	Cured-in-place lining ends at this point
4	1.48	LCCIP	Cured-in-place lining ends at this point
5	2.20	CN	Connection other than junction at 3 o'clock, 100mm dia
6	2.58	CSJ	Cracks, spiral at joint from 11 o'clock to 12 o'clock
7	4.22	CLJ	Crack, longitudinal at joint at 12 o'clock
8	4.83	CLJ	Crack, longitudinal at joint at 12 o'clock
9	9.31	LCCIP	Cured-in-place lining ends at this point
10	10.15	LCCIP	Cured-in-place lining ends at this point
11	11.59	MHF	Finish node, manhole, reference: MHCW02
12	11.59	MHF	Finish node, manhole, reference: MHCW02

PLR:	RWPX	Upstream Node:	RWP
Inspection Direction:	Upstream	Downstream Node:	MHCW01
Inspected Length:	0.99 m	Dia/Height:	100 mm
Total Length:	0.99 m	Material:	Vitrified clay

No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MHCW01
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.46	LU	Line deviates up
4	0.99	REF	Finish node, rodding eye, reference: RWP

**Knight and Day Drainage & Plumbing Limited**

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Summary**Project Name****Project Number****Project Date**

No.	m+	Code	Observation
5	0.99	REF	Finish node, rodding eye, reference: RWP
PLR: WCX			
Inspection Direction:		Upstream	Upstream Node: WC
Inspected Length:		2.81 m	Downstream Node: MHCW01
Total Length:		2.81 m	Dia/Height: 100 mm
			Material: Vitrified clay
No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MHCW01
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.46	LU	Line deviates up
4	1.67	JN	Junction at 10 o'clock, 100mm dia
5	1.82	LL	Line deviates left
6	2.39	LU	Line deviates up
7	2.81	REF	Finish node, rodding eye, reference: WC
8	2.81	REF	Finish node, rodding eye, reference: WC
PLR: MHCW01X			
Inspection Direction:		Downstream	Upstream Node: MHCW01
Inspected Length:		14.63 m	Downstream Node: PUBLIC
Total Length:		14.63 m	Dia/Height: 150 mm
			Material: Vitrified clay
No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MHCW01
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.00	LD	Line deviates down
4	0.38	LCCIP	Cured-in-place lining ends at this point
5	1.37	LD	Line deviates down
6	5.78	LR	Line deviates right
7	7.03	LCCIP	Cured-in-place lining ends at this point
8	7.45	FCJ	Fracture, circumferential at joint from 2 o'clock to 5 o'clock
9	11.59	CCJ	Crack, circumferential at joint from 8 o'clock to 10 o'clock
10	11.78	FCJ	Fracture, circumferential at joint from 10 o'clock to 12 o'clock
11	13.07	FCJ	Fracture, circumferential at joint from 12 o'clock to 1 o'clock
12	14.63	FSJ	Fracture, spiral at joint from 12 o'clock to 12 o'clock
13	14.63	REM	General remark
14	14.63	BRF	Finish node, major connection without manhole, reference: PUBLIC
PLR: GULLYX			
Inspection Direction:		Upstream	Upstream Node: GULLY
Inspected Length:		1.10 m	Downstream Node: MHCW02
Total Length:		1.10 m	Dia/Height: 100 mm
			Material: Vitrified clay
No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MHCW02
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.08	LL	Line deviates left
4	1.10	GYF	Finish node, gully, reference: GULLY

**Knight and Day Drainage & Plumbing Limited**

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Summary**Project Name****Project Number****Project Date**

No.	m+	Code	Observation
5	1.10	GYF	Finish node, gully, reference: GULLY
PLR: ACOX			
Inspection Direction:		Upstream	Upstream Node: ACO
Inspected Length:		2.39 m	Downstream Node: MHCW02
Total Length:		2.39 m	Dia/Height: 150 mm
			Material: Vitrified clay
No.	m+	Code	Observation
1	0.00	MH	Start node, manhole, reference: MHCW02
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.04	LR	Line deviates right
4	0.42	LR	Line deviates right
5	1.10	LU	Line deviates up
6	1.25	SC	Pipe size changes, new size(s), 100mm high
7	1.94	LR	Line deviates right
8	2.39	REM	General remark
9	2.39	OCF	Finish node, other special chamber, reference: ACO

**Knight and Day Drainage & Plumbing Limited**

Unit 42, Greenway Business Centre Harlow Business Park

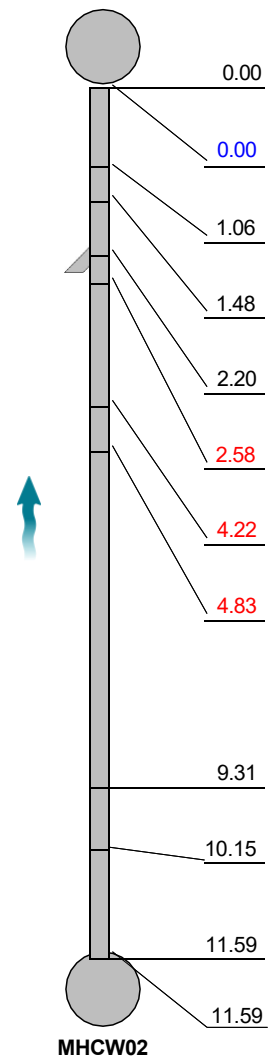
Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Inspection - 03/02/2026 - MHCW02X

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
1	1		17:27	01	Rain	No	MHCW02X
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:	London	Inspection Direction:	Upstream	Upstream Node:	MHCW02
Road:		Inspected Length:	11.59 m	Upstream Pipe Depth:	0.000 m
Location:	Under a building	Total Length:	11.59 m	Downstream Node:	MHCW01
Surface Type:		Joint Length:		Downstream Pipe Depth:	1.170 m
Use:	Combined	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	Vitrified clay		
Comments:					
Recommendations:					

Scale:	1:101	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.17 m							
MHCW01							
							
	0.00	MH	Start node, manhole, reference: MHCW01		00:00:03	20260203-130158-sn ap0000.jp	
	0.00	WL	Water level, 0% of the vertical dimension		00:00:05	20260203-130158-sn ap0001.jp	
	1.06	LCCIP	Cured-in-place lining ends at this point		00:01:31	20260203-130158-sn ap0002.jp	
	1.48	LCCIP	Cured-in-place lining ends at this point		00:01:53	20260203-130158-sn ap0003.jp	
	2.20	CN	Connection other than junction at 3 o'clock, 100mm dia		00:02:17	20260203-130158-sn ap0004.jp	
	2.58	CSJ	Cracks, spiral at joint from 11 o'clock to 12 o'clock		00:02:52	20260203-130158-sn ap0005.jp	3 / 2
	4.22	CLJ	Crack, longitudinal at joint at 12 o'clock		00:03:20	20260203-130158-sn ap0006.jp	2 / 2
	4.83	CLJ	Crack, longitudinal at joint at 12 o'clock		00:03:47	20260203-130158-sn ap0007.jp	2 / 2
	9.31	LCCIP	Cured-in-place lining ends at this point		00:04:51	20260203-130158-sn ap0008.jp	
	10.15	LCCIP	Cured-in-place lining ends at this point		00:05:19	20260203-130158-sn ap0009.jp	
	11.59	MHF	Finish node, manhole, reference: MHCW02		00:05:41	20260203-130158-sn ap0010.jp	
	11.59	MHF	Finish node, manhole, reference: MHCW02		00:05:49	20260203-130158-sn ap0011.jp	
MHCW02							
Depth: 0.00 m							

Construction Features**Miscellaneous Features****Structural Defects****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
3	40.0	5.2	60.0	3.0	3	2.0	0.3	3.0	3.0



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - MHCW02X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MHCW02X	01	



20260203-130158-snap0000.jpg, 00:00:03, 0.00 m
Start node, manhole, reference: MHCW01



20260203-130158-snap0001.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



20260203-130158-snap0002.jpg, 00:01:31, 1.06 m
Cured-in-place lining ends at this point



20260203-130158-snap0003.jpg, 00:01:53, 1.48 m
Cured-in-place lining ends at this point



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - MHCW02X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MHCW02X	01	



20260203-130158-snap0004.jpg, 00:02:17, 2.20 m
Connection other than junction at 3 o'clock, 100mm dia



20260203-130158-snap0005.jpg, 00:02:52, 2.58 m
Cracks, spiral at joint from 11 o'clock to 12 o'clock



20260203-130158-snap0006.jpg, 00:03:20, 4.22 m
Crack, longitudinal at joint at 12 o'clock



20260203-130158-snap0007.jpg, 00:03:47, 4.83 m
Crack, longitudinal at joint at 12 o'clock



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - MHCW02X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MHCW02X	01	



20260203-130158-snap0008.jpg, 00:04:51, 9.31 m
Cured-in-place lining ends at this point



20260203-130158-snap0009.jpg, 00:05:19, 10.15 m
Cured-in-place lining ends at this point



20260203-130158-snap0010.jpg, 00:05:41, 11.59 m
Finish node, manhole, reference: MHCW02



20260203-130158-snap0011.jpg, 00:05:49, 11.59 m
Finish node, manhole, reference: MHCW02

**Knight and Day Drainage & Plumbing Limited**

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Inspection - 03/02/2026 - RWPX

Item No. 2	Insp. No. 2	Date	Time 17:27	Client's Job Ref 01	Weather Rain	Pre Cleaned No	PLR RWPX
Operator		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: RWP	
Road:		Inspected Length: 0.99 m		Upstream Pipe Depth: 0.000 m	
Location: Under a building		Total Length: 0.99 m		Downstream Node: MHCW01	
Surface Type:		Joint Length:		Downstream Pipe Depth: 1.150 m	
Use:	Combined	Pipe Shape:		Circular	
Type of Pipe:	Gravity drain/sewer	Dia/Height:		100 mm	
Flow Control:	No flow control	Material:		Vitrified clay	
Year Constructed:	Not Specified	Lining Type:		No Lining	
Inspection Purpose:	Sample condition survey	Lining Material:		Vitrified clay	
Comments:					
Recommendations:					

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: MHCW01	00:00:03	20260203-130931-sn ap0000.jp	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	20260203-130931-sn ap0001.jp	
		0.46	LU	Line deviates up	00:00:17	20260203-130931-sn ap0002.jp	
		0.99	REF	Finish node, rodding eye, reference: RWP	00:00:44	20260203-130931-sn ap0003.jp	
		0.99	REF	Finish node, rodding eye, reference: RWP	00:00:56	20260203-130931-sn ap0004.jp	

Construction Features					Miscellaneous Features				
Structural Defects					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



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	RWPX	01	



20260203-130931-snap0000.jpg, 00:00:03, 0.00 m
Start node, manhole, reference: MHCW01



20260203-130931-snap0001.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



20260203-130931-snap0002.jpg, 00:00:17, 0.46 m
Line deviates up



20260203-130931-snap0003.jpg, 00:00:44, 0.99 m
Finish node, rodding eye, reference: RWP



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - RWPX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Upstream	RWPX	01	



20260203-130931-snap0004.jpg, 00:00:56, 0.99 m
Finish node, rodding eye, reference: RWP

**Knight and Day Drainage & Plumbing Limited**

Unit 42, Greenway Business Centre Harlow Business Park

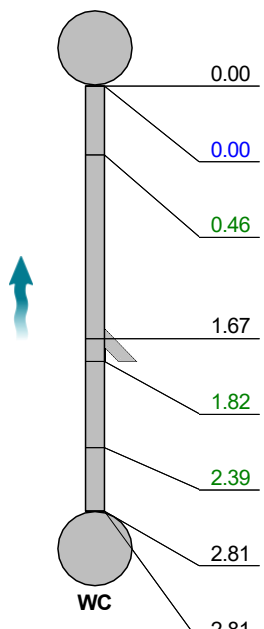
Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Inspection - 03/02/2026 - WCX

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
3	3	03/02/26	17:27	01	Rain	No	WCX
Operator		Vehicle		Camera	Preset Length	Legal Status	Alternative ID
		Not Specified		Not Specified	Not Specified	Not Specified	Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: WC	
Road:		Inspected Length: 2.81 m		Upstream Pipe Depth: 0.000 m	
Location: Under a building		Total Length: 2.81 m		Downstream Node: MHCW01	
Surface Type:		Joint Length:		Downstream Pipe Depth: 1.050 m	
Use:	Combined			Pipe Shape:	Circular
Type of Pipe:	Gravity drain/sewer			Dia/Height:	100 mm
Flow Control:	No flow control			Material:	Vitrified clay
Year Constructed:	Not Specified			Lining Type:	No Lining
Inspection Purpose:	Sample condition survey			Lining Material:	Vitrified clay
Comments:					
Recommendations:					

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.05 m							
MHCW01							
							
		0.00	MH	Start node, manhole, reference: MHCW01	00:00:02	20260203-131157-sn ap0000.jp	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:04	20260203-131157-sn ap0001.jp	
		0.46	LU	Line deviates up	00:00:16	20260203-131157-sn ap0002.jp	
		1.67	JN	Junction at 10 o'clock, 100mm dia	00:00:45	20260203-131157-sn ap0003.jp	
		1.82	LL	Line deviates left	00:01:03	20260203-131157-sn ap0004.jp	
		2.39	LU	Line deviates up	00:01:12	20260203-131157-sn ap0005.jp	
		2.81	REF	Finish node, rodding eye, reference: WC	00:01:24	20260203-131157-sn ap0006.jp	
		2.81	REF	Finish node, rodding eye, reference: WC	00:01:35	20260203-131157-sn ap0007.jp	
Depth: 0.00 m							

Construction Features					Miscellaneous Features				
Structural Defects					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



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - WCX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	WCX	01	



20260203-131157-snap0000.jpg, 00:00:02, 0.00 m
Start node, manhole, reference: MHCW01



20260203-131157-snap0001.jpg, 00:00:04, 0.00 m
Water level, 0% of the vertical dimension



20260203-131157-snap0002.jpg, 00:00:16, 0.46 m
Line deviates up



20260203-131157-snap0003.jpg, 00:00:45, 1.67 m
Junction at 10 o'clock, 100mm dia



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - WCX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
3	Upstream	WCX	01	



20260203-131157-snap0004.jpg, 00:01:03, 1.82 m
Line deviates left



20260203-131157-snap0005.jpg, 00:01:12, 2.39 m
Line deviates up



20260203-131157-snap0006.jpg, 00:01:24, 2.81 m
Finish node, rodding eye, reference: WC



20260203-131157-snap0007.jpg, 00:01:35, 2.81 m
Finish node, rodding eye, reference: WC

**Knight and Day Drainage & Plumbing Limited**

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Inspection - 03/02/2026 - MHCW01X

Item No. 4	Insp. No. 4	Date	Time 17:27	Client's Job Ref 01	Weather Rain	Pre Cleaned No	PLR MHCW01X
Operator		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction:		Downstream	Upstream Node:		MHCW01
Road:		Inspected Length:		14.63 m	Upstream Pipe Depth:		1.150 m
Location:		Total Length:		14.63 m	Downstream Node:		PUBLIC
Surface Type:		Joint Length:			Downstream Pipe Depth:		0.000 m
Use:				Pipe Shape:	Circular		
Type of Pipe:				Dia/Height:	150 mm		
Flow Control:				Material:	Vitrified clay		
Year Constructed:		Not Specified		Lining Type:	No Lining		
Inspection Purpose:		Sample condition survey		Lining Material:	Vitrified clay		
Comments:							
Recommendations:							

Scale: 1:127	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.15 m MHCW01						
	0.00	MH	Start node, manhole, reference: MHCW01	00:00:06	20260203-131500-sn ap0000.jp	
	0.00	WL	Water level, 0% of the vertical dimension	00:00:13	20260203-131500-sn ap0001.jp	
	0.00	LD	Line deviates down: INTERCEPTOR	00:00:22	20260203-131500-sn ap0002.jp	
	0.38	LCCIP	Cured-in-place lining ends at this point	00:01:00	20260203-131500-sn ap0003.jp	
	1.37	LD	Line deviates down	00:01:16	20260203-131500-sn ap0004.jp	
	5.78	LR	Line deviates right	00:01:41	20260203-131500-sn ap0005.jp	
	7.03	LCCIP	Cured-in-place lining ends at this point	00:02:03	20260203-131500-sn ap0006.jp	
	7.45	FCJ	Fracture, circumferential at joint from 2 o'clock to 5 o'clock	00:02:20	20260203-131500-sn ap0007.jp	3 / 2
	11.59	CCJ	Crack, circumferential at joint from 8 o'clock to 10 o'clock	00:03:11	20260203-131500-sn ap0008.jp	2 / 2
	11.78	FCJ	Fracture, circumferential at joint from 10 o'clock to 12 o'clock	00:03:35	20260203-131500-sn ap0009.jp	3 / 2
	13.07	FCJ	Fracture, circumferential at joint from 12 o'clock to 1 o'clock	00:04:12	20260203-131500-sn ap0010.jp	3 / 2
	14.63	FSJ	Fracture, spiral at joint from 12 o'clock to 12 o'clock	00:05:07	20260203-131500-sn ap0011.jp	4 / 2
	14.63	REM	General remark: SEWER FLAP	00:05:29	20260203-131500-sn ap0012.jp	
	14.63	BRF	Finish node, major connection without manhole, reference: PUBLIC	00:06:06	20260203-131500-sn ap0013.jp	
PUBLIC Depth: 0.00 m						

Construction Features					Miscellaneous Features				
Structural Defects					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
5	80.0	14.4	210.0	4.0	5	1.0	0.3	5.0	2.0



Section Pictures - 03/02/2026 - MHCW01X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	MHCW01X	01	



20260203-131500-snap0000.jpg, 00:00:06, 0.00 m
Start node, manhole, reference: MHCW01



20260203-131500-snap0001.jpg, 00:00:13, 0.00 m
Water level, 0% of the vertical dimension



20260203-131500-snap0002.jpg, 00:00:22, 0.00 m
Line deviates down, INTERCEPTOR



20260203-131500-snap0003.jpg, 00:01:00, 0.38 m
Cured-in-place lining ends at this point



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - MHCW01X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	MHCW01X	01	



20260203-131500-snap0004.jpg, 00:01:16, 1.37 m
Line deviates down



20260203-131500-snap0005.jpg, 00:01:41, 5.78 m
Line deviates right



20260203-131500-snap0006.jpg, 00:02:03, 7.03 m
Cured-in-place lining ends at this point



20260203-131500-snap0007.jpg, 00:02:20, 7.45 m
Fracture, circumferential at joint from 2 o'clock to 5 o'clock



Section Pictures - 03/02/2026 - MHCW01X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	MHCW01X	01	



20260203-131500-snap0008.jpg, 00:03:11, 11.59 m
Crack, circumferential at joint from 8 o'clock to 10 o'clock



20260203-131500-snap0009.jpg, 00:03:35, 11.78 m
Fracture, circumferential at joint from 10 o'clock to 12 o'clock



20260203-131500-snap0010.jpg, 00:04:12, 13.07 m
Fracture, circumferential at joint from 12 o'clock to 1 o'clock



20260203-131500-snap0011.jpg, 00:05:07, 14.63 m
Fracture, spiral at joint from 12 o'clock to 12 o'clock



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - MHCW01X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
4	Downstream	MHCW01X	01	



20260203-131500-snap0012.jpg, 00:05:29, 14.63 m
General remark, SEWER FLAP



20260203-131500-snap0013.jpg, 00:06:06, 14.63 m
Finish node, major connection without manhole, reference:
PUBLIC

**Knight and Day Drainage & Plumbing Limited**

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Inspection - 03/02/2026 - GULLYX

Item No. 5	Insp. No. 5	Date	Time 17:27	Client's Job Ref 01	Weather Rain	Pre Cleaned No	PLR GULLYX
Operator		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction:		Upstream	Upstream Node:		GULLY
Road:		Inspected Length:		1.10 m	Upstream Pipe Depth:		0.000 m
Location:		Total Length:		1.10 m	Downstream Node:		MHCW02
Surface Type:		Joint Length:			Downstream Pipe Depth:		0.360 m
Use:	Combined			Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer			Dia/Height:	100 mm		
Flow Control:	No flow control			Material:	Vitrified clay		
Year Constructed:	Not Specified			Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey			Lining Material:	Vitrified clay		
Comments:							
Recommendations:							

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.36 m							
MHCW02							
		0.00	MH	Start node, manhole, reference: MHCW02	00:00:03	20260203-133026-sn ap0000.jp	
		0.00	WL	Water level, 0% of the vertical dimension	00:00:05	20260203-133026-sn ap0001.jp	
		0.08	LL	Line deviates left	00:00:29	20260203-133026-sn ap0002.jp	
		1.10	GYF	Finish node, gully, reference: GULLY	00:00:43	20260203-133026-sn ap0003.jp	
		1.10	GYF	Finish node, gully, reference: GULLY	00:00:54	20260203-133026-sn ap0004.jp	
Depth: 0.00 m							

Construction Features					Miscellaneous Features				
Structural Defects					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



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - GULLYX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	GULLYX	01	



20260203-133026-snap0000.jpg, 00:00:03, 0.00 m
Start node, manhole, reference: MHCW02



20260203-133026-snap0001.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



20260203-133026-snap0002.jpg, 00:00:29, 0.08 m
Line deviates left



20260203-133026-snap0003.jpg, 00:00:43, 1.10 m
Finish node, gully, reference: GULLY

**Knight and Day Drainage & Plumbing Limited***Unit 42, Greenway Business Centre Harlow Business Park**Tel. 01279 456008**admin@knightanddayltd.co.uk***Section Pictures - 03/02/2026 - GULLYX**

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Upstream	GULLYX	01	



20260203-133026-snap0004.jpg, 00:00:54, 1.10 m
Finish node, gully, reference: GULLY

**Knight and Day Drainage & Plumbing Limited**

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Inspection - 03/02/2026 - ACOX

Item No. 6	Insp. No. 6	Date	Time 17:27	Client's Job Ref 01	Weather Rain	Pre Cleaned No	PLR ACOX
Operator		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:		Inspection Direction: Upstream		Upstream Node: ACO	
Road:		Inspected Length: 2.39 m		Upstream Pipe Depth: 0.000 m	
Location: Under a building		Total Length: 2.39 m		Downstream Node: MHCW02	
Surface Type:		Joint Length:		Downstream Pipe Depth: 0.480 m	
Use: Combined		Pipe Shape: Circular			
Type of Pipe: Gravity drain/sewer		Dia/Height: 150 mm			
Flow Control: No flow control		Material: Vitrified clay			
Year Constructed: Not Specified		Lining Type: No Lining			
Inspection Purpose: Sample condition survey		Lining Material: Vitrified clay			
Comments:					
Recommendations:					

Scale: 1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.48 m						
MHCW02						
	0.00	MH	Start node, manhole, reference: MHCW02	00:00:03	20260203-133243-sn ap0000.jp	
	0.00	WL	Water level, 0% of the vertical dimension	00:00:05	20260203-133243-sn ap0001.jp	
	0.04	LR	Line deviates right	00:00:31	20260203-133243-sn ap0002.jp	
	0.42	LR	Line deviates right	00:00:41	20260203-133243-sn ap0003.jp	
	1.10	LU	Line deviates up	00:00:52	20260203-133243-sn ap0004.jp	
	1.25	SC	Pipe size changes, new size(s), 100mm high	00:01:21	20260203-133243-sn ap0005.jp	
	1.94	LR	Line deviates right	00:01:40	20260203-133243-sn ap0006.jp	
	2.39	REM	General remark: ACO	00:01:58	20260203-133243-sn ap0007.jp	
	2.39	OCF	Finish node, other special chamber, reference: ACO: .	00:02:30	20260203-133243-sn ap0008.jp	
Depth: 0.00 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



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - ACOX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Upstream	ACOX	01	



20260203-133243-snap0000.jpg, 00:00:03, 0.00 m
Start node, manhole, reference: MHCW02



20260203-133243-snap0001.jpg, 00:00:05, 0.00 m
Water level, 0% of the vertical dimension



20260203-133243-snap0002.jpg, 00:00:31, 0.04 m
Line deviates right



20260203-133243-snap0003.jpg, 00:00:41, 0.42 m
Line deviates right



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - ACOX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Upstream	ACOX	01	



20260203-133243-snap0004.jpg, 00:00:52, 1.10 m
Line deviates up



20260203-133243-snap0005.jpg, 00:01:21, 1.25 m
Pipe size changes, new size(s), 100mm high



20260203-133243-snap0006.jpg, 00:01:40, 1.94 m
Line deviates right



20260203-133243-snap0007.jpg, 00:01:58, 2.39 m
General remark, ACO



Knight and Day Drainage & Plumbing Limited

Unit 42, Greenway Business Centre Harlow Business Park

Tel. 01279 456008

admin@knightanddayltd.co.uk

Section Pictures - 03/02/2026 - ACOX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
6	Upstream	ACOX	01	



20260203-133243-snap0008.jpg, 00:02:30, 2.39 m
Finish node, other special chamber, reference: ACO, .



Knight and Day Drainage & Plumbing Limited
Unit 42, Greenway Business Centre Harlow Business Park
Tel. 01279 456008
admin@knightanddayltd.co.uk
