



Project

Project Name: Mount House (maidstone)

Project Date: 31/08/2021

Inspection Standard: MSCC4 Sewers & Drainage GB (SRM4 Scoring)



Table of Contents

Project Name	Project Number	Project Date
Mount House (maidstone)		31/08/2021

Project Information	P-1
Section Profile	P-3
Section Summary	P-4
Project Summary	P-5
Section: 1; R/E > Main run (R/EX)	1



Project Information

Project Name	Project Number	Project Date
Mount House (maidstone)		31/08/2021

Client

Contact: Mrs Pottage
Street: Mount House, Lower Road, Sutton Valence
Town or City: Maidstone
County: Kent
Post Code: ME17 3BN
Mobile: 07739008054
Email: nicolapottage@hotmail.co.uk

Contractor

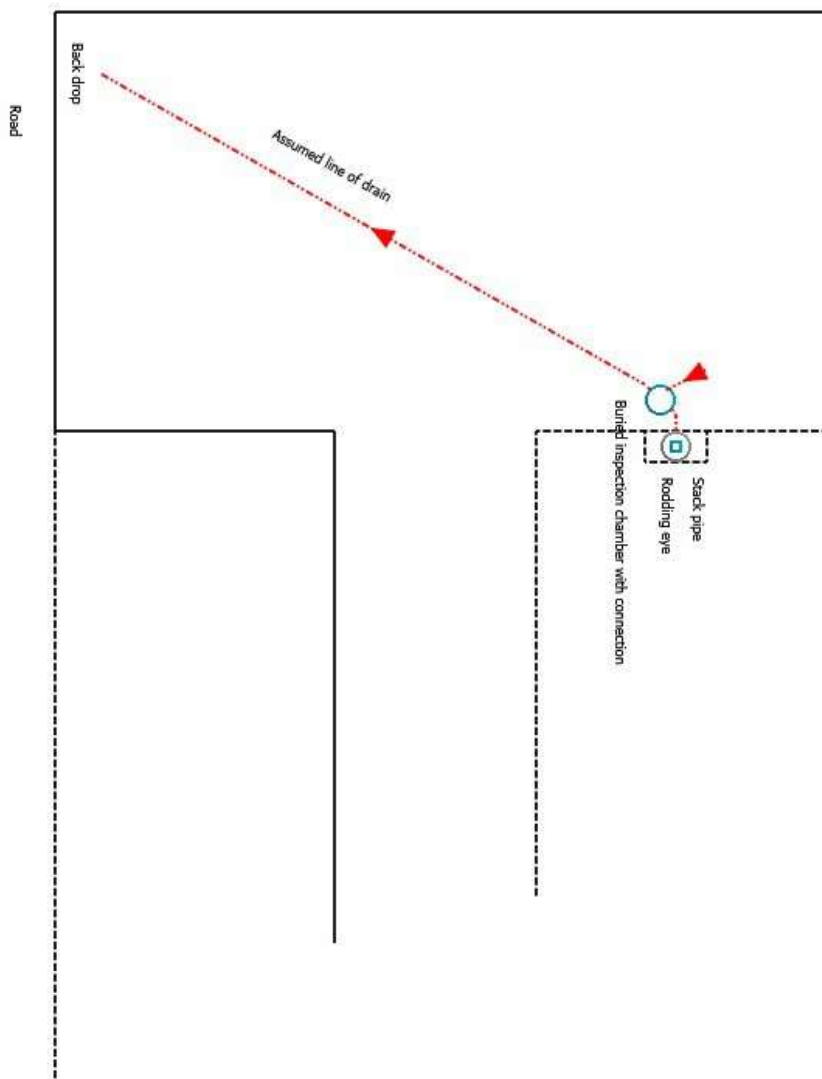
Company: Messenger Mobile Services Ltd
Contact: Peter Messenger
Street: Crouchers Manor Barn, Westwell Lane, Westwell
Town or City: Ashford
County: Kent
Post Code: TN25 4JN
Phone: 01233 621108
Email: peter.messenger1@btconnect.com



Project Information

Project Name	Project Number	Project Date
Mount House (maidstone)		31/08/2021

Project Drawing





Section Profile

Project Name
Mount House (maidstone)

Project Number

Project Date
31/08/2021

Circular, 100 mm

Section	Upstream Node	Downstream Node	Date	Road	Pipe Material	Total Length	Inspected Length
1	R/E	Main run	31/08/2021	Lower road	Cast iron	9.69 m	9.69 m

Total: 1 Inspection x Circular 100 mm = 9.69 m Total Length and 9.69 m Inspected Length

Total: 1 Inspection = 9.69 m Total Length and 9.69 m Inspected Length



Section Summary

Project Name Mount House (maidstone)	Project Number	Project Date 31/08/2021
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Number of sections	1
Total length of sewer network	9.69 m
Total length of inspections	9.69 m
Total length of abandoned inspections	0.00 m
Total abandoned inspections	0
Number of section inspection photos	11
Number of section inspection videos	1
Number of section inspection scans	0
Number of section inclination measurements	0

PLR:	R/EX	Upstream Node:	R/E
Inspection Direction:	Downstream	Downstream Node:	Main run
Inspected Length:	9.69 m	Dia/Height:	100 mm
Total Length:	9.69 m	Pipe Material:	Cast iron

No.	m+	Code	Observation
1	0.00	MH	Start node type, manhole, reference number: R/E
2	0.00	WL	Water level, 0% of the vertical dimension
3	0.09	MCVC	Material changes to vitrified clay
4	0.78	WL	Water level, 5% of the vertical dimension
5	0.78	LL	Line deviates left
6	1.10	GP	General photograph taken at this point
7	2.12	WL	Water level, 0% of the vertical dimension
8	5.06	RM	Roots, mass, 75% cross-sectional area loss
9	5.50	RM	Roots, mass, 45% cross-sectional area loss
10	6.79	WL	Water level, 0% of the vertical dimension
11	8.82	CCJ	Crack, circumferential at joint from 12 o'clock to 12 o'clock
12	9.69	MHF	Finish node type, manhole, reference number: Main run



Project Summary

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Pipe Summary

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
1	SEC	R/EX	R/E	MAIN RUN	Lower Road	Sutton Valence	F	CI	Circular 100mm	9.69 m
Total:										9.69 m

Pipe Levels

No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
1	R/EX	R/E			0.000 m	MAIN RUN			0.000 m

Pipe Summary by Profile

Profile	Total Length	No. Pipes
Circular 100mm	9.69 m	
Circular 100mm =	9.69 m	1
Total =	9.69 m	1

Inspection Summary

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
1	1	R/E	MAIN RUN	DS	Alex H	31/08/2021	11:30	5	2	MHF, Back drop	9.69 m
Total:											9.69 m

Inspection Summary by Profile

Profile	Total Length	No. Inspections
Circular 100mm	9.69 m	
Circular 100mm =	9.69 m	1



Project Summary

Project Name Mount House (maidstone)	Project Number	Project Date 31/08/2021
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Profile	Total Length	No. Inspections
Total =	9.69 m	1

Defect Summary

				CCTV Drainage Survey Observation Count																				
				General				Structural Condition								Service Condition								
Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
1	1	R/E	MAIN RUN	9.7	2			1									2						4	1
Total:				9.7	2			1									2						4	1



Section Inspection - 31/08/2021 - R/EX

Section 1	Inspection 1	Date 31/08/21	Time 11:30	Client's Job Ref WO-1027253	Weather No Rain Or Snow	Pre Cleaned No	PLR R/EX
Operator Alex H		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Sutton Valence	Inspection Direction:	Downstream	Upstream Node:	R/E
Road:	Lower Road	Inspected Length:	9.69 m	Upstream Pipe Depth:	
Location:	Gardens	Total Length:	9.69 m	Downstream Node:	MAIN RUN
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Year Constructed:		Pipe Material:	Cast iron		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Investigation of suspected operational problem	Lining Material:	No Lining		

Comments:**Recommendations:**

Scale:	1:85	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m	R/E	0.00	MH	Start node type, manhole, reference number: R/E	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension: Looking down stack pipe	00:00:10	R_EX_7fe73e08-065a-4425-8ff	
		0.09	MCVC	Material changes to vitrified clay: Rest Bend	00:00:27	R_EX_411f8351-be1d-440f-8bb	
		0.78	WL	Water level, 5% of the vertical dimension	00:00:44	R_EX_46738934-6b8e-42d2-a9	
		0.78	LL	Line deviates left	00:00:44	R_EX_0fbfca10-2847-4e03-bc5	
		1.10	GP	General photograph taken at this point: Buried manhole with connection	00:00:52	R_EX_da87cf2a-4cd9-4542-adf	
		2.12	WL	Water level, 0% of the vertical dimension	00:01:45	R_EX_3d1fb0c9-901e-4baa-a7	
		5.06	RM	Roots, mass, 75% cross-sectional area loss	00:02:21	R_EX_0e705ff3-9f63-4a13-94cc	5
		5.50	RM	Roots, mass, 45% cross-sectional area loss	00:02:42	R_EX_d1903cee-7226-4cd5-aa	5
		6.79	WL	Water level, 0% of the vertical dimension	00:03:02	R_EX_8cf3df74-3e40-4ce9-9a	
		8.82	CCJ	Crack, circumferential at joint from 12 o'clock to 12 o'clock	00:03:31	R_EX_6c2bc7a6-4ca9-4381-b2	2
		9.69	MHF	Finish node type, manhole, reference number: Main run: Back drop	00:03:44	R_EX_d25a7815-0dd3-4ef0-888	
				Main run			
				Depth: m			

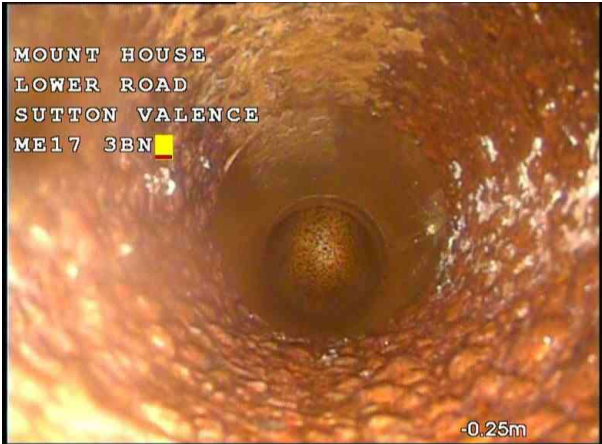
Construction Features**Miscellaneous Features****Structural Defects****Service & Operational Observations**

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	10.0	1.0	10.0	2.0	2	15.0	2.6	25.0	5.0



Section Pictures - 31/08/2021 - R/EX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	R/EX	WO-1027253	



R_EX_7fe73e08-065a-4425-8ffd-112ce194063e_20210831_1
13323_197.jpg, 00:00:10, 0.00 m
Water level, 0% of the vertical dimension, Looking down stack pipe



R_EX_411f8351-be1d-440f-8bb5-4e2ef0718ce6_20210831_1
13429_403.jpg, 00:00:27, 0.09 m
Material changes to vitrified clay, Rest Bend



R_EX_46738934-6b8e-42d2-a93a-416dd35a5a63_20210831_1
113531_487.jpg, 00:00:44, 0.78 m
Water level, 5% of the vertical dimension



R_EX_0fbfca10-2847-4e03-bc53-ae3ceaf1fe58_20210831_11
3545_414.jpg, 00:00:44, 0.78 m
Line deviates left



Section Pictures - 31/08/2021 - R/EX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	R/EX	WO-1027253	



R_EX_da87cf2a-4cd9-4542-adf4-8fe13c085c4c_20210831_113647_577.jpg, 00:00:52, 1.10 m
General photograph taken at this point, Buried manhole with connection



R_EX_3d1fb0c9-901e-4baa-a7d7-1f2d8dffaa0b_20210831_113742_561.jpg, 00:01:45, 2.12 m
Water level, 0% of the vertical dimension



R_EX_0e705ff3-9f63-4a13-94cc-87d18df7d036_20210831_113846_055.jpg, 00:02:21, 5.06 m
Roots, mass, 75% cross-sectional area loss



R_EX_d1903cee-7226-4cd5-aa22-3e67f3164058_20210831_113935_789.jpg, 00:02:42, 5.50 m
Roots, mass, 45% cross-sectional area loss



Section Pictures - 31/08/2021 - R/EX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	R/EX	WO-1027253	



R_EX_8cf3df74-3e40-4ce9-9a4b-f97c9653ee7b_20210831_14018_637.jpg, 00:03:02, 6.79 m
Water level, 0% of the vertical dimension



R_EX_6c2bc7a6-4ca9-4381-b2d8-ce4bed2d4871_20210831_114126_080.jpg, 00:03:31, 8.82 m
Crack, circumferential at joint from 12 o'clock to 12 o'clock



R_EX_d25a7815-0dd3-4ef0-8883-73cade75bfce_20210831_14237_000.jpg, 00:03:44, 9.69 m
Finish node type, manhole, reference number: Main run, Back drop