

Project**Project Name:** 2023-07-20641 Kellen Homes Castleton Manchester OL11 3BX**Project Date:** 07/08/2023**Inspection Standard:** MSCC5 Sewers & Drainage GB (SRM5 Scoring)

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2023-07-20641 Kellen Homes Castleton Manchester OL11 3BX		07/08/2023

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Project Information

Project Name	Project Number	Project Date
2023-07-20641 Kellen Homes Castleton Manchester OL11 3BX		07/08/2023

Client

Company: Kellen Homes
Contact: Lewis Shaw
Street: Birchwood Park
Town or City: Birchwood
County: Warrington
Post Code: WA3 6YF

**Site**

Company: Kellen Homes
Department: Greenway
Street: Castleton
Town or City: Manchester
Post Code: OL11 3BX

Contractor

Company: DRAIN DOCTOR NW
Phone: 08000 266623

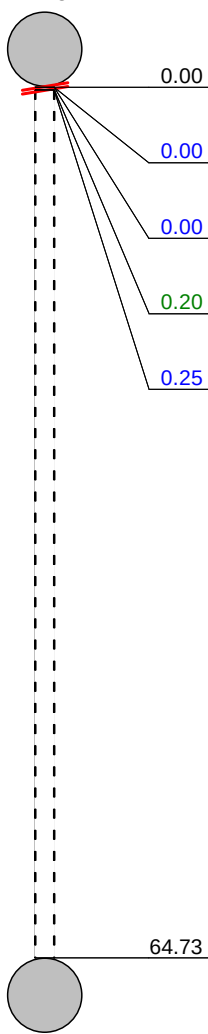


Section Inspection - 03/08/2023 - MH2X

Item No. 1	Insp. No. 2	Date: 03/08/23	Time: 12:17	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned No	PLR MH2X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Castleton	Inspection Direction:	Upstream	Upstream Node:	MH2
Road:	Greenway	Inspected Length:	0.25 m	Upstream Pipe Depth:	5.500 m
Location:		Total Length:	64.73 m	Downstream Node:	MH3
Surface Type:		Joint Length:		Downstream Pipe Depth:	6.450 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	1,200 mm		
Flow Control:		Material:	Masonry (regular)		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:561	Position [m]	Code	Observation	MPEG	Photo	Grade																																			
Depth: 6.45 m MH3  <table border="1" style="margin-left: 20px;"> <tr> <td>0.00</td><td>MH</td><td>Start node, manhole, reference: MH3</td><td>00:00:00</td><td></td><td></td><td></td></tr> <tr> <td>0.00</td><td>REM</td><td>General remark: picture dark due to black walls</td><td></td><td></td><td></td><td></td></tr> <tr> <td>0.00</td><td>WL</td><td>Water level, 20% of the vertical dimension</td><td>00:00:19</td><td></td><td></td><td></td></tr> <tr> <td>0.20</td><td>DES</td><td>Settled deposits, fine, 20% cross-sectional area loss</td><td>00:00:40</td><td>MH2X_15 2bb695-15 d6-46df-97</td><td></td><td>4</td></tr> <tr> <td>0.25</td><td>SA</td><td>Survey abandoned: unable to pass</td><td>00:00:40</td><td></td><td></td><td></td></tr> </table>							0.00	MH	Start node, manhole, reference: MH3	00:00:00				0.00	REM	General remark: picture dark due to black walls					0.00	WL	Water level, 20% of the vertical dimension	00:00:19				0.20	DES	Settled deposits, fine, 20% cross-sectional area loss	00:00:40	MH2X_15 2bb695-15 d6-46df-97		4	0.25	SA	Survey abandoned: unable to pass	00:00:40			
0.00	MH	Start node, manhole, reference: MH3	00:00:00																																						
0.00	REM	General remark: picture dark due to black walls																																							
0.00	WL	Water level, 20% of the vertical dimension	00:00:19																																						
0.20	DES	Settled deposits, fine, 20% cross-sectional area loss	00:00:40	MH2X_15 2bb695-15 d6-46df-97		4																																			
0.25	SA	Survey abandoned: unable to pass	00:00:40																																						
64.73 MH2 Depth: 5.50 m End of pipe																																									

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	1	5.0	0.1	5.0	4.0

Section Pictures - 03/08/2023 - MH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	MH2X		



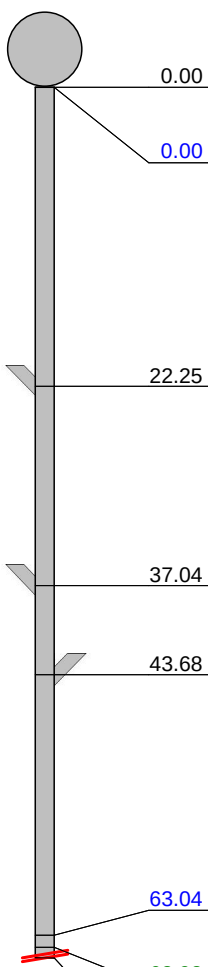
MH2X_152bb695-15d6-46df-971b-f549653a819c_20230807_
 144057_154.jpg, 00:00:40, 0.20 m
 Settled deposits, fine, 20% cross-sectional area loss

Section Inspection - 03/08/2023 - MH2X

Item No. 1	Insp. No. 1	Date: 03/08/23	Time: 11:14	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned No	PLR MH2X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Castleton	Inspection Direction:	Downstream	Upstream Node:	MH2
Road:	Greenway	Inspected Length:	64.73 m	Upstream Pipe Depth:	5.500 m
Location:		Total Length:	64.73 m	Downstream Node:	MH3
Surface Type:		Joint Length:		Downstream Pipe Depth:	6.450 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	1,200 mm		
Flow Control:		Material:	Masonry (regular)		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale: 1:561	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 5.50 m MH2 						
	0.00	MH	Start node, manhole, reference: MH2	00:00:00		
	0.00	WL	Water level, 5% of the vertical dimension: flowing			
	22.25	CN	Connection other than junction at 02 o'clock, 255mm dia	00:01:46	MH2X_0ce 11f09-7e9 3-46ff-b01	
	37.04	CN	Connection other than junction at 03 o'clock, 225mm dia	00:02:51	MH2X_ed 12cab5-16 6a-4e04-9	
	43.68	CN	Connection other than junction at 08 o'clock, 225mm dia	00:03:27		
	63.04	WL	Water level, 20% of the vertical dimension	00:05:02		
	63.92	DES	Settled deposits, fine, 20% cross-sectional area loss	00:05:24		4
	64.73	SA	Survey abandoned: tractor wont pull through silt	00:06:15		

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	1	5.0	0.1	5.0	4.0

Section Pictures - 03/08/2023 - MH2X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	MH2X		



MH2X_0ce11f09-7e93-46ff-b017-77710b23b2b6_20230807_143823_705.jpg, 00:01:46, 22.25 m
 Connection other than junction at 02 o'clock, 255mm dia



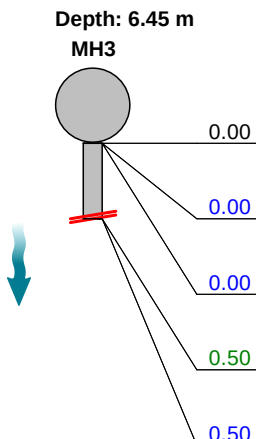
MH2X_ed12cab5-166a-4e04-9059-7607abf8a7c8_20230807_143902_719.jpg, 00:02:51, 37.04 m
 Connection other than junction at 03 o'clock, 225mm dia

Section Inspection - 03/08/2023 - MH3X

Item No. 2	Insp. No. 1	Date: 03/08/23	Time: 12:19	Client's Job Ref Not Specified	Weather Not Specified	Pre Cleaned No	PLR MH3X
Operator Not Specified		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Castleton	Inspection Direction:	Downstream	Upstream Node:	MH3
Road:	Greenway	Inspected Length:	0.50 m	Upstream Pipe Depth:	6.450 m
Location:		Total Length:	0.50 m	Downstream Node:	MH4
Surface Type:		Joint Length:		Downstream Pipe Depth:	7.120 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	1,200 mm		
Flow Control:		Material:	Masonry (regular)		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Routine inspection	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
							
		0.00	MH	Start node, manhole, reference: MH3	00:00:00		
		0.00	REM	General remark: Picture dark due to black walls			
		0.00	WL	Water level, 25% of the vertical dimension	00:00:30		
		0.50	DES	Settled deposits, fine, 25% cross-sectional area loss	00:00:30	MH3X_19 79f13f-2ce f-4281-873	4
		0.50	SA	Survey abandoned: tyoo much silt in pipe	00:00:30		

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	1	5.0	10.0	5.0	5.0

Section Pictures - 03/08/2023 - MH3X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	MH3X		



MH3X_1979f13f-2cef-4281-873c-6da0f7b91a3c_20230807_1
 44220_784.jpg, 00:00:30, 0.50 m
 Settled deposits, fine, 25% cross-sectional area loss