



Table of contents

Project Name: Studio Tashkeel Architecture	Project number:	Date: 24/03/2021	Contact:	
---	-----------------	---------------------	----------	--

Profile Report	1
Inspection Summary	2
SRMReport : sNameSRMEReport	5
<i>Inspection: 1</i>	
Project Information	6
Legend of Classification	7
Section: 1, SD83009420 --- SD83009403	8



/ Main sections

Project name :
Studio Tashkeel Architecture

Project number :

Contact :

Date :
24/03/2021

Nr.	US MH	DS MH	Date	Road	Tape No.	Material	m	(m)
1	SD83009420	SD83009403	24/03/2021	Herbert Street		Brick	54.32	54.32

Pipe size: CIRCULAR 675 = 54.32 m (54.32 m)

All sections = 54.32 m (54.32 m)



Inspection Summary

Project Name: Studio Tashkeel Architecture	Project number:	Contact:	Date: 24/03/2021	
---	-----------------	----------	---------------------	--

Total Length of sewer network	0.00 m
Inspected Length of sewer network	0.00 m
Not inspected Length of sewer network	0.00 m
Total Length of sewer network (abandoned)	54.32 m
Inspected Length of Sewer network (abandoned)	54.32 m
Not inspected Length of sewer network (abandoned)	0.00 m
Total Length of house connections (satellite)	0.00 m
Inspected Length of house connections (satellite)	0.00 m
Not inspected Length of house connections (satellite)	0.00 m
Number of Sections	0
Number of sections (abandoned)	1
Number of house connections	0
Number of Photos	16



Inspection Summary

Project Name: Studio Tashkeel Architecture	Project Number:	Contact:	Date: 24/03/2021	
---	-----------------	----------	---------------------	--

Place: Road: U/S MH: D/S MH:	Manchester Herbert Street SD83009420 SD83009403	Section length: Pipe length: Material: Shape:	54.32 m Brick Circular
---------------------------------------	--	--	----------------------------------

 SD83009403	0.00	MH	Start node type, manhole, reference number : SD83009403	0
	0.00	WL	Water level, 20% of the vertical dimension	0
	0.00	DES	Settled deposits, fine, 20% cross-sectional area loss, Start	3
	0.00	MM	Missing mortar, from 7 to 5 o'clock, between 5mm and 15mm, Start	2
	3.30	MB	Missing bricks, from 3 to 4 o'clock	4
	7.43	DEE	Attached deposits, encrustation, from 9 to 1 o'clock, 5% cross-sectional area loss, Start	3
	11.67	DEE	Attached deposits, encrustation, from 9 to 1 o'clock, 5% cross-sectional area loss, End	3
	13.61	DEE	Attached deposits, encrustation, from 9 to 3 o'clock, 5% cross-sectional area loss, Start	3
	15.47	DEE	Attached deposits, encrustation, from 9 to 3 o'clock, 5% cross-sectional area loss, End	3
	16.60	CN	Connection other than junction, at 9 o'clock, diameter 225mm	0
	20.37	CN	Connection other than junction, at 3 o'clock, diameter 225mm	0
	21.01	CN	Connection other than junction, at 9 o'clock, diameter 225mm	0
	22.03	SC	Dimension changes, 750mm high, 675mm wide	0
	22.53	MB	Missing bricks, from 7 to 5 o'clock, Start	5
	23.83	GP	General photograph taken at this point	0
	25.21	DB	Displaced bricks, at 11 o'clock	3
	26.69	REM	General remark	0
	27.00	DES	Settled deposits, fine, 20% cross-sectional area loss, End	3
	27.30	MB	Missing bricks, from 7 to 5 o'clock, End	5
	30.27	RF	Roots, fine	2



Inspection Summary

Project Name: Studio Tashkeel Architecture	Project Number:	Contact:	Date: 24/03/2021	
---	-----------------	----------	---------------------	--

32.73	CN	Connection other than junction, at 10 o'clock, diameter 150mm	0
33.30	DEE	Attached deposits, encrustation, from 2 to 4 o'clock, 10% cross-sectional area loss	3
33.91	WL	Water level, 15% of the vertical dimension	0
34.87	ID	Infiltration, dripping, at 12 o'clock, Start	0
39.82	ID	Infiltration, dripping, at 12 o'clock, End	0
39.82	CN	Connection other than junction, at 9 o'clock, diameter 150mm	0
41.00	DES	Settled deposits, fine, 20% cross-sectional area loss, Start	3
42.43	MB	Missing bricks, at 5 o'clock	4
42.73	CN	Connection other than junction, at 9 o'clock, diameter 225mm	0
44.63	MB	Missing bricks, from 7 to 11 o'clock	5
44.63	DER	Settled deposits, coarse, 25% cross-sectional area loss, Start	4
46.32	CN	Connection other than junction, at 9 o'clock, diameter 150mm	0
46.32	DEC	Settled deposits, hard or compacted, 25% cross-sectional area loss, Start	4
51.13	CN	Connection other than junction, at 10 o'clock, diameter 150mm	0
52.33	MB	Missing bricks, at 9 o'clock	4
54.31	MM	Missing mortar, from 7 to 5 o'clock, between 5mm and 15mm, End	2
54.31	DEC	Settled deposits, hard or compacted, 25% cross-sectional area loss, End	4
54.31	DER	Settled deposits, coarse, 25% cross-sectional area loss, End	4
54.31	DES	Settled deposits, fine, 20% cross-sectional area loss, End	3
54.31	DER	Settled deposits, coarse, 30% cross-sectional area loss	4
54.32	SA	Survey abandoned	0

SD83009420



Structural Defects (SRM 4)

Project Name:
Studio Tashkeel Architecture

Project number:

Contact:

Date:
24/03/2021

No.	PLR	Dir.	Use	Shape / Size	Date	Mat.	Total Length	Insp. Length	Peak HWG	Peak Score	Grade	Mean Score	Total Score
1	SD83009420X	U	C	C 675	24/03/2021	BR	54.32	54.32	-	295	5	33.51	1820



Project-information

Project name :
Studio Tashkeel Architecture

Project Number :

Contact :

Date :
24/03/2021

Client:

Contact Name:

Department:

Road:

Town:

County:

Telephone:

Fax:

Mobile:

E-mail:

Site:

Studio Tashkell Architecture

Contact Name:

Department:

Road:

Herbert Street

Town:

Manchester

County:

Telephone:

Fax:

Mobile:

E-mail:

Contractor

Sewer Serve Solutions

Contact Name:

Department:

Road:

Eldon Road

Town:

Irlam

County:

Manchester

Telephone:

07926535236

Fax:

Mobile:

E-mail:

enquiries@sewerservesolutions.co.uk



Defect Grade Description

Project Name :
Studio Tashkeel Architecture

Project number :

Contact :

Date :
24/03/2021

1:

Brick: No Structural Defects
Pipe: No Structural Defects

Acceptable Structural Condition

2:

Brick: Minor cracking, Surface mortar loss, Spalling slight, wear slight
Pipe: Circumferential crack, Moderate joint defects, Spalling slight, Wear slight

Minor collapse risk in short term but potential for further deterioration

3:

Brick: Total mortar loss without other defects, single brick displaced, Deformation up to 5%, Spalling medium, Wear medium
Pipe: Fractures with deformation up to 5%, Longitudinal cracking or multiple cracking, Minor loss of level, More severe joint defects, Spalling medium, Wear medium

! Collapse unlikely in near future but future deterioration likely !

4:

Brick: Total mortar loss with deformation greater than 10%, Deformation up to 10% and fractured, Displaced/hanging brickwork, Small number of missing bricks
Pipe: Broken, Deformation up to 10% and broken, Fractured with deformation 5 - 10%, Multiple fractures, Serious loss of level, spalling large, wear large

!! Collapse likely in foreseeable future !!

5:

Brick: Already Collapsed, Missing invert, Deformation over 10% and fractured, Displaced/hanging brickwork and deformation over 10%, Extensive missing bricks
Pipe: Already collapsed, Deformation over 10% and broken, Extensive areas of fabric missing, Fractured with deformation over 10%

!!! Collapsed or collapse imminent !!!



Inspection report

Date : 24/03/2021	Job number :	Weather : no rain or snow	Operator : R.BAMBER	Section number : 1	PLR SUFFIX: X
Weather no rain or snow	Vehicle : VEHICLE 1	Camera :	Preset :	Cleaned : no	Operator : R.BAMBER

Place : Road : Location Inspection	Manchester Herbert Street Road SD83009403 (U/S) SD83009420	Location details: Catchment: Tape number : Pipe Length	U/S MH : U/S Depth : D/S MH : D/S Depth :	SD83009420 SD83009403 4.92
Direction Use:	Combined	Pipe shape :	Circular	
Year laid :	Z	Pipe size :	675 mm	
Purpose :	Routine inspection of condition	Pipe material :	Brick	
Total length :	54.32 m	Lining :		

Comment :

1:198 Position

Depth: 4.92

Observation

SD83009403	0.00	Start node type, manhole, reference number : SD83009403
	0.00	Water level, 20% of the vertical dimension
	0.00	S01 Settled deposits, fine, 20% cross-sectional area loss, Start
	0.00	S02 Missing mortar, from 7 to 5 o'clock, between 5mm and 15mm, Start
	3.30	Missing bricks, from 3 to 4 o'clock
	7.43	S03 Attached deposits, encrustation, from 9 to 1 o'clock, 5% cross-sectional area loss, Start
	11.67	F03 Attached deposits, encrustation, from 9 to 1 o'clock, 5% cross-sectional area loss, End
	13.61	S04 Attached deposits, encrustation, from 9 to 3 o'clock, 5% cross-sectional area loss, Start
	15.47	F04 Attached deposits, encrustation, from 9 to 3 o'clock, 5% cross-sectional area loss, End
	16.60	Connection other than junction, at 9 o'clock, diameter 225mm
	20.37	Connection other than junction, at 3 o'clock, diameter 225mm
	21.01	Connection other than junction, at 9 o'clock, diameter 225mm
	22.03	Dimension changes, 750mm high, 675mm wide
	22.53	S05 Missing bricks, from 7 to 5 o'clock, Start
	23.83	General photograph taken at this point



3.3 m



16.6 m



21.01 m



22.03 m



22.53 m



Inspection Report

Date : 24/03/2021	Job number :	Weather : no rain or snow	Operator : R.BAMBER	Section number : 1	PLR : X
Weather no rain or snow	Vehicle : VEHICLE 1	Camera :	Preset :	Cleaned : no	Grade:

1:198 Position

Observation

25.21

Displaced bricks, at 11 o'clock

26.69

General remark

27.00

F01

Settled deposits, fine, 20% cross-sectional area loss, End

27.30

F05

Missing bricks, from 7 to 5 o'clock, End

30.27

Roots, fine

32.73

Connection other than junction, at 10 o'clock, diameter 150mm

33.30

Attached deposits, encrustation, from 2 to 4 o'clock, 10% cross-sectional area loss

33.91

Water level, 15% of the vertical dimension

34.87

S06

Infiltration, dripping, at 12 o'clock, Start

39.82

F06

Infiltration, dripping, at 12 o'clock, End

39.82

Connection other than junction, at 9 o'clock, diameter 150mm

41.00

S07

Settled deposits, fine, 20% cross-sectional area loss, Start

42.43

Missing bricks, at 5 o'clock

42.73

Connection other than junction, at 9 o'clock, diameter 225mm

44.63

Missing bricks, from 7 to 11 o'clock

44.63

S08

Settled deposits, coarse, 25% cross-sectional area loss, Start

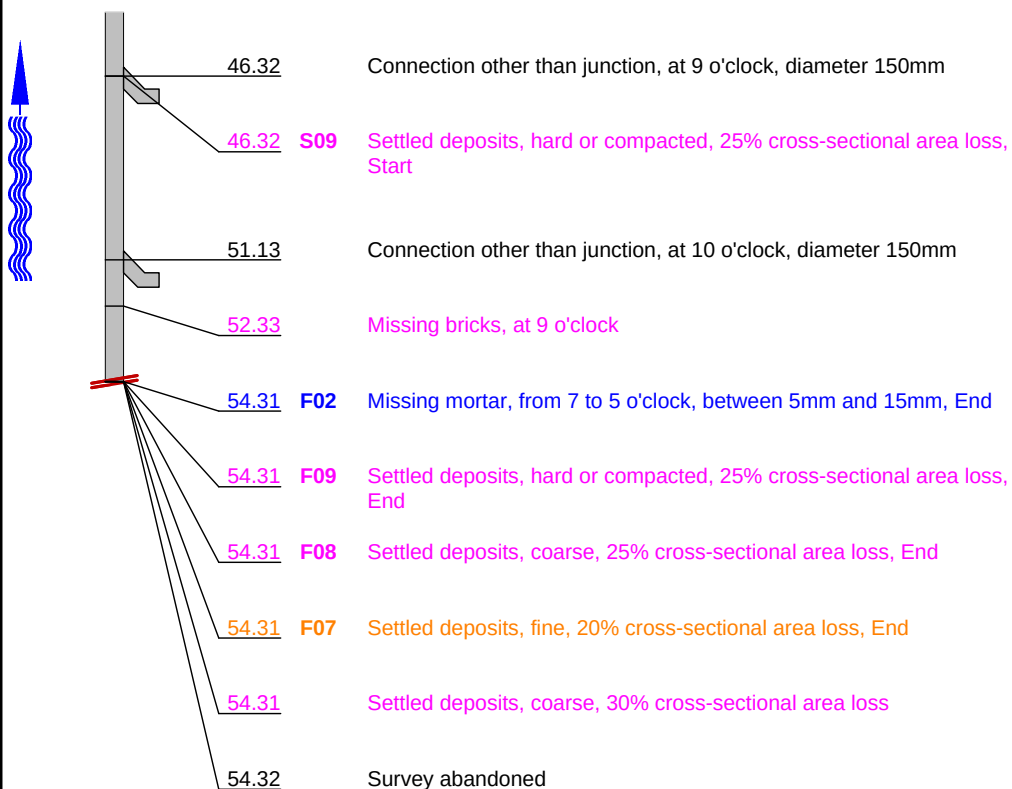




Inspection Report

Date : 24/03/2021	Job number :	Weather : no rain or snow	Operator : R.BAMBER	Section number : 1	PLR : X
Weather no rain or snow	Vehicle : VEHICLE 1	Camera :	Preset :	Cleaned : no	Grade:

1:198 Position Observation



STR no def	STR peak	STR mean	STR total	STR grade	SER no def	SER peak	SER mean	SER total	SER grade
7	295	33.51	1820	5	9	18	3.48	189.1	5



Inspection pictures

Place :
Manchester

Road :
Herbert Street

Date :
24/03/2021

Section number :
1

PLR Suffix :
X



Photo: 1_1_8_A.jpg
3.3m, Missing bricks, from 3 to 4 o'clock



Photo: 1_1_14_A.jpg
16.6m, Connection other than junction, at 9 o'clock, diameter 225mm



Inspection pictures

Place :
Manchester

Road :
Herbert Street

Date :
24/03/2021

Section number :
1

PLR Suffix :
X



Photo: 1_1_16_A.jpg

21.01m, Connection other than junction, at 9 o'clock, diameter 225mm



Photo: 1_1_18_A.jpg

22.03m, Dimension changes, 750mm high, 675mm wide



Inspection pictures

Place :
Manchester

Road :
Herbert Street

Date :
24/03/2021

Section number :
1

PLR Suffix :
X



Photo: 1_1_20_A.jpg
22.53m, Missing bricks, from 7 to 5 o'clock, Start



Photo: 1_1_21_A.jpg
23.83m, General photograph taken at this point



Inspection pictures

Place :
Manchester

Road :
Herbert Street

Date :
24/03/2021

Section number :
1

PLR Suffix :
X



Photo: 1_1_22_A.jpg
25.21m, Displaced bricks, at 11 o'clock



Photo: 1_1_23_A.jpg
26.69m, General remark



Inspection pictures

Place : Manchester	Road : Herbert Street	Date : 24/03/2021	Section number : 1	PLR Suffix : X
------------------------------	---------------------------------	-----------------------------	------------------------------	--------------------------



Photo: 1_1_24_A.jpg
30.27m, Roots, fine



Photo: 1_1_25_A.jpg
32.73m, Connection other than junction, at 10 o'clock, diameter 150mm



Inspection pictures

Place :
Manchester

Road :
Herbert Street

Date :
24/03/2021

Section number :
1

PLR Suffix :
X



Photo: 1_1_34_A.jpg
42.43m, Missing bricks, at 5 o'clock



Photo: 1_1_35_A.jpg
42.73m, Connection other than junction, at 9 o'clock, diameter 225mm



Inspection pictures

Place :
Manchester

Road :
Herbert Street

Date :
24/03/2021

Section number :
1

PLR Suffix :
X



Photo: 1_1_36_A.jpg
44.63m, Missing bricks, from 7 to 11 o'clock



Photo: 1_1_40_A.jpg
51.13m, Connection other than junction, at 10 o'clock, diameter 150mm



Inspection pictures

Place :
Manchester

Road :
Herbert Street

Date :
24/03/2021

Section number :
1

PLR Suffix :
X



Photo: 1_1_41_A.jpg
52.33m, Missing bricks, at 9 o'clock



Photo: 1_1_47_A.jpg
54.31m, Settled deposits, coarse, 30% cross-sectional area loss