



Project Name

CadMap Studio
Building 131, Dunsfold Park, Dunsfold Aerodrome, Dunsfold, Surrey, GU6 8TB
Tel. 0208 1111220
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Project Number:

Date:

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Scoring Summary

Project Name :	Project Number :	Date :
Drummand ST CCTV		26/04/2017

Structural Defects

Section Pipe Ref Grade Description

Acceptable Structural Condition

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

Service / Operational Defects

Section Pipe Ref Grade Description Acceptable Service / Operational Condition

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

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.

Abandoned Surveys

Section	Pipe Ref	Description
3	MH.OUT OF AREAX	Survey abandoned CANT PASS DEBRIS
6	SVP1X	Survey abandoned LOSS OF VISION BLOCKED

Information

These summaries are based on the SRM grading from the WRC.





Project Information

Project Name	Client's ref :	Date:
Drummand ST CCTV	01	26/04/2017

Description WinCan Import in Miraculix WRc4 Standard

Client

Company or Site Name: Plat-form Contact: Graeme Little

Department:

Street:

Town or City:

Phone: Fax:

07435974233 Mobile:

Email: graeme@plat-form.co.uk

Site

Company or Site Name: SGA Consulting Ltd **DAVID AU-YEONG** Contact:

Department:

Street: **Drummand ST**

Town or City: London

020 7100 7197 Phone:

Fax:

Mobile: 07984 802 241

Email:

Contractor

Company or Site Name: CadMap Studio Contact: Simon Cheeseman

Department: Utilities

Building 131, Dunsfold Park, Dunsfold Aerodrome Street:

Dunsfold, Surrey, GU6 8TB Town or City:

0208 1111220 Phone:

Fax:

Mobile:

Email: simon@cadmapstudio.co.uk



Section Profile

Project Name	Project Number:	Date:
Drummand ST CCTV	,	26/04/2017

Section No.	Upstream Node	Downstream Node	Date	Road	Pipe Material	Expected Length [m]	Inspected Length [m]
7	SVP2	MH3.A	20/04/2017	DRUMMOND ST	Vitrified clay pipe (i.e. all clayware)	6.03	6.03
8	BASEMENT MH1	0	20/04/2017	DRUMMOND ST	Vitrified clay pipe (i.e. all clayware)	0.63	0.63
9	BASEMENT MH2	0	20/04/2017	DRUMMOND ST	Vitrified clay pipe (i.e. all clayware)	0.84	0.84

$3 \times 100 = 7.50$ Expected Length [m] (7.50 Inspected Length [m])

Section No.	Upstream Node	Downstream Node	Date	Road	Pipe Material	Expected Length [m]	Inspected Length [m]
1	MH1	MH2	20/04/2017	DRUMMOND ST	Vitrified clay pipe (i.e. all clayware)	8.93	8.93
2	MH.OUT OF AREA	MH1.A	20/04/2017	DRUMMOND ST	Vitrified clay pipe (i.e. all clayware)	14.99	14.99
4	MH.OUT OF AREA	MH1.U	20/04/2017	DRUMMOND ST	Vitrified clay pipe (i.e. all clayware)	6.91	6.91
5	MH3	MH2	20/04/2017	DRUMMOND ST	Vitrified clay pipe (i.e. all clayware)	5.63	5.63

4 x 150 = 36.46 Expected Length [m] (36.46 Inspected Length [m])

Total: 7 = 43.96 Expected Length [m] (43.96 Inspected Length [m])





Section Summary

Section Summary			
Project Name	Project Number:	Date:	
Drummand ST CCTV		26/04/2017	

Number of sections	9
Total length of sewer network	52.72 m
Inspected length of sewer network	52.72 m
Not inspected length of sewer network	0.00 m
Total abandoned inspections	2
Number of section inspection photos	25
Number of section inspection videos	9
Number of section inspection scans	0
Number of section inclination measurements	0



Section Summary

	•	
Project Name	Project Number:	Date:
Drummand ST CCTV		26/04/2017

		Drummana	31 001 7		20/04/2017
PLR		MH1X		Upstream Node	MH1
Town or Vi	illage	EUSTON		Downstream Node	MH2
Road	- 3 -	DRUMMOND ST			0.0
	Length [m]	8.9		Pipe Material	Vitrified clay pipe (i.e. all clayware)
			Ob		
	m+	Code	Observation		
1 (0.08	MH	Start node type, manhole re	ference number: MH1	
2	0.14	WL	Water level 10 % of the vert	ical dimension CONSTANT	FLOW
3	1.46	CUW	Loss of vision, camera unde	rwater	
4	8.93	MHF	Finish node type, manhole re	eference number: MH2	
PLR		MH.OUT OF ARE	AX	Upstream Node	MH.OUT OF AREA
Town or V	illage	EUSTON		Downstream Node	MH1.A
Road	· ·	DRUMMOND ST			0.0
Expected I	Length [m]	15.0		Pipe Material	Vitrified clay pipe (i.e. all clayware)
<u> </u>	m+	Code	Observation	'	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1 7	0.08	MH	Start node type, manhole re	terence number: MH1.A A	
2	0.28	WL	Water level 20 % of the vert	ical dimension	
3	1.30	CUW	Loss of vision, camera unde	r water	
4	3.75	SZ	Surface damage, other from	1 4 O'Clock to 6 O'Clock DAI	MAGE ON PIPE
5	5.00	CUW	Loss of vision, camera unde	er water HOLDING WATER	
6	8.23	WL	Water level 0 % of the vertice	al dimension	
7	14.9	9 MHF	Finish node type, manhole r	eference number: MH.OUT	OF AREA
PLR		MH.OUT OF ARE	AX	Upstream Node	MH.OUT OF AREA
Town or V	ïllage	EUSTON		Downstream Node	MH1.B
Road		DRUMMOND ST			0.0
Expected I	Length [m]	6.9		Pipe Material	Vitrified clay pipe (i.e. all clayware)
	m+	Code	Observation		
1 🍿	0.06	MH	Start node type, manhole re	ference number: MH1 R R	
·			· · ·		
2	0.06		Water level 0 % of the vertice	al dimension	
3	0.72		Line deviates left		
4	4.98		Junction from 10 O'Clock di		
5	6.19		Survey abandoned CANT P		
6	6.88			t this point DEBRIS IN PIPE	
PLR		MH.OUT OF ARE	EAX	Upstream Node	MH.OUT OF AREA
Town or Vi	illage	EUSTON		Downstream Node	MH1.U
Road		DRUMMOND ST			0.0
Expected I	Length [m]	6.9		Pipe Material	Vitrified clay pipe (i.e. all clayware)
	m+	Code	Observation		
1 🍿	0.03	MH	Start node type, manhole re	ference number: MH1.U UP	STREAM
2	0.03	WL	Water level 5 % of the vertice	al dimension	
3	1.14		Line deviates left VERY SLI		
4	2.17		Water level 20 % of the verti		
5	4.26		Water level 0 % of the vertice		
6	6.91			eference number: MH.OUT	OF AREA
PLR	3.31	мнзх		Upstream Node	MH3
Town or Vi	illage	EUSTON		Downstream Node	MH2
Road	490	DRUMMOND ST		25371000001111000	0.0
	Length [m]	5.6		Pipe Material	Vitrified clay pipe (i.e. all clayware)
			Ob		c.a., pipo (no. an olaymaro)
	m+	Code	Observation		





Section Summary

Project Name	Project Number:	Date:
Drummand ST CCTV		26/04/2017

	Drummand	SICCIV			26/04/2017
m+	Code	Observation			
1 0.04	4 WL	Water level 0 % of the vertice	al dimension		
2 0.2		Start node type, manhole re			
3 5.6		Finish node type, manhole re			
PLR	SVP1X	· ····ous type, ····a·····ous	Upstream Node	SVP1	
Town or Village	EUSTON		Downstream Node	мнз.и	
Road	DRUMMOND ST	•		0.0	
Expected Length [m]	1.9		Pipe Material	Vitrified clay	pipe (i.e. all clayware)
m+	Code	Observation			
1 🍿 🔘 0.2	6 MH	Start node type, manhole re	ference number: MH3.U UF	PSTREAM	
2 0.4	4 WL	Water level 65 % of the vert	ical dimension LINE IS BLC	OCKED	
3 1.8		Survey abandoned LOSS C			
PLR	SVP2X		Upstream Node	SVP2	
Town or Village	EUSTON		Downstream Node	мнз.а	
Road	DRUMMOND ST			0.0	
Expected Length [m]	6.0		Pipe Material	Vitrified clay	pipe (i.e. all clayware)
m+	Code	Observation			
1 🍿 🔘 0.04	4 MH	Start node type, manhole re	ference number: MH3.A A		
2 0.0		Water level 0 % of the vertice			
3 6.0		Finish node type, outfall refe		FLAT	
PLR	BASEMENT MH	•	Upstream Node	BASEMENT N	ЛН1
Town or Village	EUSTON		Downstream Node	0	
Road	DRUMMOND ST			0.0	
Expected Length [m]	0.6		Pipe Material	Vitrified clay	pipe (i.e. all clayware)
m+	Code	Observation			
1 0.6	3 MH	Start node type, manhole re	ference number: BASEMEI	NT MH1	
PLR	BASEMENT MH	2X	Upstream Node	BASEMENT N	ЛН2
Town or Village	EUSTON		Downstream Node	0	
. Swii oi village				0.0	
Road	DRUMMOND ST	•			
Road	DRUMMOND ST 0.8		Pipe Material		pipe (i.e. all clayware)
Road		Observation	Pipe Material		pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code		,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)
Road Expected Length [m]	0.8 Code	Observation	,	Vitrified clay	pipe (i.e. all clayware)



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Section Inspection - 20/04/2017 - MH1X

Section:	Inspection:	Date:	Time:	Client's Ref:	Weather:	Pre Cleaned:	PLR:
1	1	20/04/17	10:05	01		No	MH1X
Operator:		Veh	icle:	Camera:	Preset Length [m]:	Criticality Grade:	Type of Pipe:
Adam Page							Gravity drain/sewer

Town or Village: Euston	Insp Dir: MF	H1 → MH2	US MH:	MH1
Road: Drummond St	Inspected Length:	8.93 m	US Depth:	2.15 m
Location:	Total Length:	8.93 m	DS MH:	MH2
Surface Cover:	Pipe Length:	0.00 m	DS Depth:	

Use: Foul Pipe Shape:

Lining Type: Height / Width: 150 / 0 mm

Inspection Purpose: Pipe Material: Vitrified clay pipe (i.e. all clayware)

Year Constructed:	1900		Flow Control:	No flow contro	ol		
Comment:							
Recommendation:							
1:76	Position m	Code	Observation		MPEG	Photo	Grade
Depth: 2.15 MH1	5						
WHI	0.00	MII	Chart made time, manhala reference mu	mala a m. B.Al. I.d.	00.00.40		
	0.08	MH	Start node type, manhole reference nu	mber: MH1	00:00:12		
	0.14	WL	Water level 10 % of the vertical dimens FLOW: CONSTANT FLOW	ion CONSTANT	00:00:15		
	1.46	CUW	Loss of vision, camera under water		00:00:36		
MH2 Depth:	8.93	MHF	Finish node type, manhole reference no		00:02:38		
	Structural Service and main	tenance det	ects	Miscellaneo	nal features ous features		
	No	te: In line wit	the WRc SRM, plastic pipes are not scored a	against structural defect	S.	total SI	ER grade



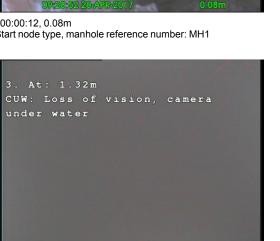


Section Pictures - 20/04/2017 - MH1X

Section Number :	Survey Direction:	PLR :	Client's Ref :	Contractor's Ref :
1	MH1 MH2	MH1X	01	



, 00:00:12, 0.08m Start node type, manhole reference number: MH1



, 00:00:36, 1.46m Loss of vision, camera under water

under water



00:00:15, 0.14m Water level 10 % of the vertical dimension CONSTANT FLOW



, 00:02:38, 8.93m Finish node type, manhole reference number: MH2



			•				
Section:	Inspection:	Date:	Time:	Client's Ref :	Weather:	Pre Cleaned:	PLR:
2	1	20/04/17	10:14	01		No	MH.OUT OF AREAX
Operator:		Veh	icle:	Camera:	Preset Length [m]:	Criticality Grade:	Type of Pipe:
Adam Page							Gravity drain/sewer

Town or Village:	Euston	Insp Dir: MH1.	.A <- MH.OUT OF AREA	US MH:	MH.OUT OF AREA
Road:	Drummond St	Inspected Length:	14.99 m	US Depth:	
Location:		Total Length:	14.99 m	DS MH:	MH1.A
Surface Cover:		Pipe Length:	0.00 m	DS Depth:	2.02 m
Use:	Foul		Pipe Shape:		
Lining Type:			Height / Width: 15	0 / 0 mm	
Inspection Purpose:			Pipe Material: Vit	trified clay pipe (i.e. all clayware)
Year Constructed:	1900		Flow Control: No	flow control	
Comment:					

Recommendation:

Depth: 2.02 MH1.A	0.28 1.30 C	WL \ SUW I	Start node type, man Water level 20 % of Loss of vision, came Surface damage, ot DAMAGE ON PIPE	the vertical dimer		00:0	00:01 00:10 00:13		
	0.28 1.30 C	WL \	Water level 20 % of Loss of vision, came	the vertical dimer		00:0	00:10		
	1.30 C	SZ S	Loss of vision, came Surface damage, ot	ra under water	asion				
	3.75	SZ S	Surface damage, ot			00:0	00:13		
		[Surface damage, ot DAMAGE ON PIPE	ner from 4 O'Cloo					
	5.00	111/4/		DAMAGE ON P	k to 6 O'Clock IPE	00:0	00:30		
			Loss of vision, came HOLDING WATER	ra under water H	OLDING WAT	ER: 00:0	00:38		
	8.23	WL \	Water level 0 % of th	e vertical dimens	ion	00:0	01:08		
MH.OUT OF AREA Depth:		,	Finish node type, ma AREA	inhole reference			01:26		
Serv	Structural deferice and maintenar		ets .			structional feat cellaneous feat			
	Note: In	line with t	he WRc SRM, plastic բ		against structura	al defects.		atal 0	
STR no def STR per 0 0.0	eak STR mean 0.0		total STR grade	SER no def	SER peak 0.0	SER mean 0.0	SER t		ER grade 1.0



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Section Pictures - 20/04/2017 - MH.OUT OF AREAX

Section Number : Survey Direction : PLR: Client's Ref : Contractor's Ref : MH1.A < MH.OUT OF MH.OUT OF AREAX 01 2



, 00:00:10, 0.28m Water level 20 % of the vertical dimension



00:00:30 3 75m Surface damage, other from 4 O'Clock to 6 O'Clock DAMAGE ON PIPE



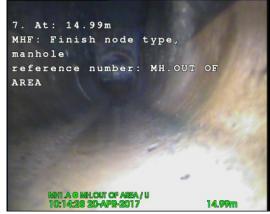
00:01:08, 8.23m Water level 0 % of the vertical dimension



00:00:13, 1.30m Loss of vision, camera under water



00:00:38 5 00m Loss of vision, camera under water HOLDING WATER



00:01:26, 14.99m Finish node type, manhole reference number: MH.OUT OF **AREA**



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Section:	Inspection:	Date:	Time:	Client's Ref:	Weather:	Pre Cleaned:	PLR:
3	1	20/04/17	10:19	01		No	MH.OUT OF AREAX
Operator:		Veh	icle:	Camera:	Preset Length [m]:	Criticality Grade:	Type of Pipe:
Adam Page							Gravity drain/sewer

Town or Village:	Euston	Insp Dir: MH1.	B <- MH.OUT OF AREA	US MH:	MH.OUT OF AREA
Road:	Drummond St	Inspected Length:	6.88 m	US Depth:	
Location:		Total Length:	6.88 m	DS MH:	MH1.B
Surface Cover:		Pipe Length:	0.00 m	DS Depth:	1.89 m
Use:	Foul		Pipe Shape:		
Lining Type:			Height / Width: 10	0 / 0 mm	
Inspection Purpose:			Pipe Material: Vit	rified clay pipe (i	.e. all clayware)

Year Constructed: 1900 Flow Control: No flow control Comment: Recommendation: 1:59 Position m Observation MPEG Photo Grade Code Depth: 1.89 MH1.B 0.06 MHStart node type, manhole reference number: MH1.B B: B 00:00:01 0.06 WL Water level 0 % of the vertical dimension 00:00:03 80:00:00 0.72 LL Line deviates left 4.98 Junction from 10 O'Clock diameter: 100 mm 00:00:30 SA Survey abandoned CANT PASS DEBRIS: CANT PASS 00:00:52 6.19 DEBRIS General photograph taken at this point DEBRIS IN PIPE: DEBRIS IN PIPE 6.88 GΡ 00:00:37 MH.OUT OF AREA Depth:

		S	tructural defect	ts		Constructional features					
		Service a	nd maintenand	e defects		Miscellaneous features					
			Note: In li	ne with the WRc	SRM, plastic pipe	nes are not scored against structural defects.					
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 - 20/04/2017 - MH.OUT OF AREAX

Section Number : Survey Direction : PLR : Client's Ref : Contractor's Ref : 3 MH1.B MH.OUT OF MH.OUT OF AREAX 01



, 00:00:08, 0.72m Line deviates left



, 00:00:37, 6.88m General photograph taken at this point DEBRIS IN PIPE



, 00:00:52, 6.19m Survey abandoned CANT PASS DEBRIS



, 00:00:30, 4.98m Junction from 10 O'Clock diameter: 100 mm



Section Inspection - 20/04/2017 - MH.OUT OF AREAX

Section:	Inspection:	Date: Time:		Client's Ref :	Weather:	Pre Cleaned:	PLR:
4	4 1 20/04/17 10:22		01		No	MH.OUT OF AREAX	
Operator:		Vehicle:		Camera:	Preset Length [m]:	Criticality Grade:	Type of Pipe:
Adam Page							Gravity drain/sewer

Town or Village:	Euston	Insp Dir: MH1.	U <- MH.OUT OF AREA	US MH: MH.OUT OF AREA
Road:	Drummond St	Inspected Length:	6.91 m	US Depth:
Location:		Total Length:	6.91 m	DS MH: MH1.U
Surface Cover:		Pipe Length:	0.00 m	DS Depth: 2.01 m
Use:	Foul		Pipe Shape:	
Lining Type:			Height / Width: 15	0 / 0 mm
Inspection Purpose:			Pipe Material: Vit	rified clay pipe (i.e. all clayware)
Year Constructed:	1900		Flow Control: No	flow control
Comment:		_	_	

Recommendation:

1:59	9 Positio	nm C	ode	Obser	vation			1	MPEG	Photo	Grade
Depth MH1.U											
	0.03	3 N	ИΗ		de type, manh EAM: UPSTRE	ole reference n EAM	umber: MH1.U	00:0	00:01		
	0.03	3V	VL	Water le	evel 5 % of the	vertical dimens	sion	00:0	00:01		
	1.14	4 I	L.	Line dev	viates left VER	Y SLIGHT: VE	RY SLIGHT	00:0	00:16		
	2.1	<u>7</u> V	VL	Water le	evel 20 % of the	e vertical dimer	nsion	00:0	00:20		
	4.20	6 V	VL	Water le	evel 0 % of the	vertical dimens	sion	00:0	00:26		
MH.OUT OF Depth		<u>1</u> M	HF	Finish n AREA	ode type, manl	nole reference	number: MH.C	OUT OF 00:0	00:42		
Structural defects Service and maintenance defects								structional feat			
		Note: In li	the WRc	SRM, plastic pip	es are not scored	l against structur	cellaneous feat al defects.				
STR no def	STR peak	STR mean	ST	R total	STR grade	SER no def	SER peak	SER mean	SER t	total	SER grade



Section Pictures - 20/04/2017 - MH.OUT OF AREAX

Survey Direction : Section Number : Client's Ref: Contractor's Ref : MH1.U ← MH.OUT OF MH.OUT OF AREAX 01 4



, 00:00:16, 1.14m Line deviates left VERY SLIGHT



00:00:26 4 26m Water level 0 % of the vertical dimension



00:00:20, 2.17m Water level 20 % of the vertical dimension



, 00:00:42, 6.91m Finish node type, manhole reference number: MH.OUT OF **AREA**



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00:00:05

ı					-			
Ī	Section:	ection: Inspection: Date: Time:		Client's Ref :	Weather:	Pre Cleaned:	PLR:	
5 1 20/04/		20/04/17	10:47	01		No	MH3X	
ſ	Operator:		Vehicle:		Camera:	Preset Length [m]:	Criticality Grade:	Type of Pipe:
Adam Page							Gravity drain/sewer	

Town or Village:	Euston	Insp Dir: MI	H3 🐡 MH2	US MH:	MH3
Road:	Drummond St	Inspected Length:	5.63 m	US Depth:	1.56 m
Location:		Total Length:	5.63 m	DS MH:	MH2
Surface Cover:		Pipe Length:	0.00 m	DS Depth:	

Use: Foul Pipe Shape:

Height / Width: 150 / 0 mm Lining Type:

Pipe Material: Vitrified clay pipe (i.e. all clayware) Inspection Purpose:

Flow Control: Year Constructed: 1900 No flow control

Comment: Recommendation:

> 1:50 Position m Observation MPEG Photo Code Grade

Depth: 1.56



00:00:17 WL Water level 0 % of the vertical dimension

0.27 MH

Start node type, manhole reference number: MH3



5.63

00:01:05 MHF Finish node type, manhole reference number: MH2

MH2

Depth:

	S	tructural defect	ts		Constructional features				
	Service a	nd maintenanc	e defects		Miscellaneous features				
		Note: In li	ne with the WRc	SRM, plastic pipe	es are not scored against structural defects.				
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



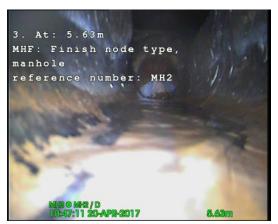


Section Pictures - 20/04/2017 - MH3X

Section Number :	Survey Direction :	PLR :	Client's Ref :	Contractor's Ref :
5	MH3 -> MH2	MH3X	01	



, 00:00:05, 0.27m Start node type, manhole reference number: MH3



, 00:01:05, 5.63m Finish node type, manhole reference number: MH2 $\,$



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Section Inspection - 20/04/2017 - SVP1X

				-			
Section:	Inspection: Date: Time:		Client's Ref :	Weather:	Pre Cleaned:	PLR:	
6	1	20/04/17	10:53	01		No	SVP1X
Operator: Adam Page		Vehicle:		Camera:	Preset Length [m]:	Criticality Grade:	Type of Pipe:
							Gravity drain/sewer

Town or Village:	Euston	Insp Dir: MH3.	U 🗢 SVP1	US MH:	SVP1
Road:	Drummond St	Inspected Length:	1.88 m	US Depth:	
Location:		Total Length:	1.88 m	DS MH:	MH3.U
Surface Cover:		Pipe Length:	0.00 m	DS Depth:	1.55 m

Pipe Shape: Use: Foul

WL

SA

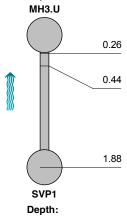
Lining Type: Height / Width: 100 / 0 mm

Inspection Purpose: Pipe Material: Vitrified clay pipe (i.e. all clayware)

No flow control Year Constructed: 1900 Flow Control:

Recommendation:

1:50 Position m Observation MPEG Photo Grade Code Depth: 1.55



Start node type, manhole reference number: MH3.U UPSTREAM: UPSTREAM 00:00:01 MH

Water level 65 % of the vertical dimension LINE IS 00:00:03 BLOCKED: LINE IS BLOCKED

Survey abandoned LOSS OF VISION BLOCKED: LOSS OF 00:02:48

VISION BLOCKED

	S	tructural defect	ts		Constructional features							
	Service a	nd maintenanc	e defects		Miscellaneous features							
		Note: In li	ne with the WRc	SRM, plastic pipe	es are not scored	against structura	al defects.					
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 - 20/04/2017 - SVP1X

Survey Direction : PLR: Client's Ref : Section Number : Contractor's Ref : MH3.U ← SVP1 SVP1X 6



, 00:00:03, 0.44m Water level 65 % of the vertical dimension LINE IS BLOCKED



, 00:02:48, 1.88m Survey abandoned LOSS OF VISION BLOCKED



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Section Inspection -	20/04/2017 -	SVP2X
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				-			
Section:	Inspection:	Date:	Time:	Client's Ref :	Weather:	Pre Cleaned:	PLR:
7	1	20/04/17	11:03	01		No	SVP2X
Ope	rator:	Veh	icle:	Camera:	Preset Length [m]:	Criticality Grade:	Type of Pipe:
Adan	n Page						Gravity drain/sewer

MH3.A < SVP2 Town or Village: Euston Insp Dir: US MH: SVP2 6.03 m US Depth: Road: **Drummond St** Inspected Length: Location: Total Length: 6.03 m DS MH: МНЗ.А Surface Cover: Pipe Length: 0.00 m DS Depth: 1.45 m

Use: Foul Pipe Shape:

Lining Type: Height / Width: 100 / 0 mm

Inspection Purpose: Pipe Material: Vitrified clay pipe (i.e. all clayware)

Year Constructed: 1900 Flow Control: No flow control

Comment: Recommendation:

> 1:51 Position m Observation MPEG Photo Grade Code

Depth: 1.45

0.04

0.04



МН Start node type, manhole reference number: MH3.A A: A 00:00:02

WL Water level 0 % of the vertical dimension 00:00:02

6.03

OFF Finish node type, outfall reference number: SVP2 TOP FLAT: 00:00:32 **TOP FLAT**

SVP2

Depth:

Structural defects				Constructional features					
Service and maintenance defects					Mis	cellaneous feat	ures		
Note: In line with the WRc SRM, plastic pipes are not scored against structura					al defects.				
STR no def STR peak STR mean STR total STR grade SER no def SER peak SER mean SE					SER total	SER grade			
0 0.0 0.0 0.0 1.0					0	0.0	0.0	0.0	1.0



Section Pictures - 20/04/2017 - SVP2X

Section Number:	Survey Direction:	PLR :	Client's Ref :	Contractor's Ref :
7	MH3 A C SVP2	SVP2X	01	



, 00:00:32, 6.03m Finish node type, outfall reference number: SVP2 TOP FLAT





Section Inspection - 20/04/2017 - BASEMENT MH1X

Section:	Inspection:	Date:	Time:	Client's Ref :	Weather:	Pre Cleaned:	PLR:
8	1	20/04/17	11:30	01		No	BASEMENT MH1X
Оре	rator:	Veh	nicle:	Camera:	Preset Length [m]:	Criticality Grade:	Type of Pipe:
Adan	n Page						Gravity drain/sewer

Town or Village:	Euston	Insp Dir: BASEMENT M	H1 🦈 0	US MH:	BASEMENT MH1
Road:	Drummond St	Inspected Length:	0.63 m	US Depth:	2.75 m
Location:		Total Length:	0.63 m	DS MH:	0
Surface Cover:		Pipe Length:	0.00 m	DS Depth:	

Use: Foul Pipe Shape:

Height / Width: Lining Type: 100 / 0 mm

Inspection Purpose: Pipe Material: Vitrified clay pipe (i.e. all clayware)

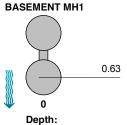
Year Constructed: 1900 Flow Control: No flow control

2.750 TO FLOOR SLAB .90 FURTHER CONFIND SPACE ACCESS MAY BE NEEDED Comment:

Recommendation:

1:50 Position m Code Observation MPEG Photo Grade

Depth: 2.75



Start node type, manhole reference number: BASEMENT MH MH1

00:00:07

Structural defects				Constructional features					
Service and maintenance defects				Miscellaneous features					
	Note: In line with the WRc SRM, plastic pi				nes are not scored against structural defects.				
STR no def STR peak STR mean STR total STR grade SER no def SER peak SER mean SER m					SER total	SER grade			
0	0 0.0 0.0 0.0 1.0					0.0	0.0	0.0	1.0



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Section Pictures - 20/04/2017 - BASEMENT MH1X

Section Number :	Survey Direction:	PIR ·	Client's Ref :	Contractor's Ref :
Coolion Hambon .	Our voy Birootion.	' Liv.	Ononico ritori.	Contractor of tor.
l 8	BASEMENT -> 0	BASEMENT MH1X	01	



, 00:00:07, 0.63m Start node type, manhole reference number: BASEMENT MH1 $\,$



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Section Inspection - 20/04/2017 - BASEMENT MH2X

Section:	Inspection:	Date:	Time:	Client's Ref :	Weather:	Pre Cleaned:	PLR:
9	1	20/04/17	11:39	01		No	BASEMENT MH2X
Ope	rator:	Veh	icle:	Camera:	Preset Length [m]:	Criticality Grade:	Type of Pipe:
Adan	n Page						Gravity drain/sewer

Town or Village:	Euston	Insp Dir: BASEMENT MI	H2 🐡 0	US MH:	BASEMENT MH2
Road:	Drummond St	Inspected Length:	0.84 m	US Depth:	2.60 m
Location:		Total Length:	0.84 m	DS MH:	0
Surface Cover:		Pipe Length:	0.00 m	DS Depth:	

Use: Pipe Shape: Foul

Lining Type: Height / Width: 100 / 0 mm

Vitrified clay pipe (i.e. all clayware) Inspection Purpose: Pipe Material:

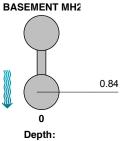
Year Constructed: 1900 Flow Control: No flow control

2.6 TO FLOOR SLAB .74 FURTHER CONFIND SPACE ACCESS MAY BE NEEDED Comment:

Recommendation:

1:50 Position m Code Observation MPEG Photo Grade

Depth: 2.60



MH Start node type, manhole reference number: BASEMENT 00:00:07

Structural defects Constructional features Service and maintenance defects Miscellaneous features 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 0.0 0.0 1.0



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Section Pictures - 20/04/2017 - BASEMENT MH2X

 Section Number :
 Survey Direction :
 PLR :
 Client's Ref :
 Contractor's Ref :

 9
 BASEMENT → 0
 BASEMENT MH2X
 01



, 00:00:07, 0.84m Start node type, manhole reference number: BASEMENT MH2 $\,$



Damage overview

Project name:	Project number:	Contact:	Date:
Drummand ST CCTV	,		26/04/2017

Group Count



Section Synthesis report

Date: 26/04/2017						
Contact:						
Project number:						
Project name: Drummand ST CCTV	Node from:	Node to:	Section height:	Section length:	Inspected length:	Abandoned:

Page 1