

Drainage Report



Prepared For

Andy Kipping
The Stables, Lillyfee Farm, Broad Lane
Hemel Hempstead

Site

Uxbridge College
Uxbridge

HP10 0LL

1ST CALL DRAIN CLEARANCE & TECHNICAL SERVICES LTD

info@1stcalldrains.com
0800 731 3236

Total Defects for Project



Total DRB Grades for Project



Uxbridge College 31 07 19 - CCTV Survey Report : 31/07/19

Name : 1ST CALL DRAIN CLEARANCE & TECHNICAL SERVICES LTD
Contact : Dominic Tait
Location : PO Box 1544
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Postcode : HP11 9JY
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Surveyor :
Valid Certification No :

Client Information

Name : Andy Kipping
Contact : Image Creation Uk
Location : The Stables, Lillyfee Farm, Broad Lane
Town : Hemel Hempstead
Region :
Postcode : HP10 0LL
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Mobile :
Email : andy@imagecreationuk.com
Fax :

Site Information

Name :
Contact :
Location : Uxbridge College
Town : Uxbridge
Region :
Postcode :
Tel :
Mobile :
Email :
Fax :

Total Defects for Project



Total DRB Grades for Project



Report interpretation.

Overview:

Each section of the drainage system is allocated a score indicating areas that require attention. These areas are detailed in the Overview section on the following page and also at the bottom right of the first few pages. We use colour coding as an indicator of severity. Additional information concerning rehabilitation options/recommendations is included in the Overview page, which can also be used as an, "at a glance" indication of system condition. More in depth information for each section, including images can be found later in the report. Grade indicators are as follows:

Grade A: Drain is serviceable no recommendations required

Grade B: There is an issue that might require remedial works

Grade C: There is a defect that requires remedial works, the drain is not serviceable.

Observations:

Each section of drainage reported on (manhole to manhole for example), contains detailed information about that drain and any observations made concerning condition are detailed below the header section. The observations are colour coded and given a severity score, with more significant defects being given a higher score, using a scale from 1 to 5 as detailed below:

Severity 1 to 2: These defects may require remedial monitoring

Severity 3: These defects probably require some form of remedial works

Severity 4 to 5: Defects that will require remedial repair or replacement

General:

The information provided is relevant at the time of survey. The coding system in this report is based on the Manual of Sewer Condition Classification, 5th edition (MSCC5) domestic codes (BS EN 13508-1:2003). This is the official standard for the water industry.

The severity system is based on significant experience in general practice and the 1 -5 grades represent the severity of individual defects: 5 representing a more serious defect.

Please feel free to contact us for further explanation or pricing for remedial works required.

Total Defects for Project



Total DRB Grades for Project



Overview

Section: 1 From: Gully 1 To: Survey abandon	Grade A	DRB Grade: A Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water
Section: 2 From: Gully 2 To: Entry to Main	Grade A	DRB Grade: A Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water
Section: 3 From: Gully 3 To: S1	Grade A	DRB Grade: A Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water
Section: 4 From: Gully 4 To: S1	Grade B	DRB Grade: B Pipe Size: 100 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water
Section: 5 From: Catch Pit 1 To: S1	Grade B	DRB Grade: B Pipe Size: 150 Material: Polyvinyl Chloride Use: Surface Water
Section: 6 From: S1 To: S2 - Concealed	Grade A	DRB Grade: A Pipe Size: 150 Material: Polyvinyl Chloride Use: Surface Water

Total Defects for Project



Total DRB Grades for Project



Site: Uxbridge College, Uxbridge

Section 1

Client:	Location (Street Name):	City/Town/Village	Cust Job Ref.	Surveyors Name:	Date:
Andy Kipping	Uxbridge College	Uxbridge		Dave Band	31/07/2019

Start Node Ref:	Gully 1	Finish Node Ref:	Survey abandon	Direction:	D	Height/Dia:	100
Start Node Depth:	0.00	Finish Node Depth:	0.00	Use:	S	Shape:	C
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC	Cleaned	N

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	12.58	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	GY	Start node type Gully				
00.00m	WL	Water level 0%			0:00:00	
04.94m	CN	Connection other than junction 12 : 100mm	0_2		0:00:28	
12.58m	SA	Survey abandoned	0_99			

Total Defects for section

DRB Grade for Section

0 0 0 0 0



Descriptive Report with Remarks and Observation Images

Section 1

Pos	Video Ref	Code	Description	Image
00.00m		GY	Start node type Gully G1	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
04.94m	0:00:28	CN	Connection other than junction at 12 o'clock: 100mm Diameter Blind connection from Gully 2	Image Provided - Ref: 0_2  4.94m
12.58m		SA	Survey abandoned Survey abandoned, camera unable to pass multiple bends	Image Provided - Ref: 0_9999  12.58m

Total Defects for section

0 0 0 0 0

DRB Grade for Section



Site: Uxbridge College, Uxbridge

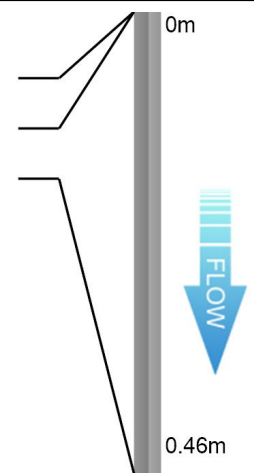
Section 2

Client: Andy Kipping	Location (Street Name): Uxbridge College	City/Town/Village Uxbridge	Cust Job Ref.	Surveyors Name: Dave Band	Date: 31/07/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	Gully 2 0.00	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	Entry to Main 0.00	Direction: D Use: S Material: VC	Height/Dia: 100 Shape: C Cleaned: N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	0.46	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	GY	Start node type Gully				
00.00m	WL	Water level 0%			0:00:00	
00.46m	OCF	Finish node type, other special chamber		1_99		



Total Defects for section

DRB Grade for Section

0 0 0 0 0



Descriptive Report with Remarks and Observation Images

Section 2

Pos	Video Ref	Code	Description	Image
00.00m		GY	Start node type Gully Gully 2	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.46m		OCF	Finish node type, other special chamber Entry to Mainline	Image Provided - Ref: 1_9999 

Total Defects for section

0 0 0 0 0

DRB Grade for Section



Site: Uxbridge College, Uxbridge

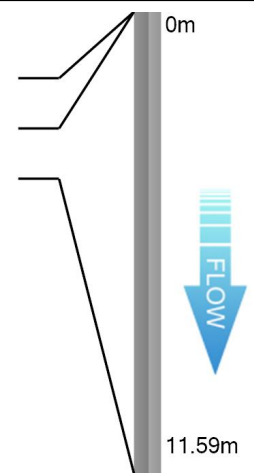
Section 3

Client: Andy Kipping	Location (Street Name): Uxbridge College	City/Town/Village Uxbridge	Cust Job Ref.	Surveyors Name: Dave Band	Date: 31/07/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	Gully 3 0.00	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	S1 0.78	Direction: D Use: S Material: VC	Height/Dia: 100 Shape: C Cleaned: N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	11.59	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	GY	Start node type Gully				
00.00m	WL	Water level 0%			0:00:00	
11.59m	MHF	Finish node type, manhole		2_99		



Total Defects for section

DRB Grade for Section

0 0 0 0 0



Descriptive Report with Remarks and Observation Images

Section 3

Pos	Video Ref	Code	Description	Image
00.00m		GY	Start node type Gully Gully 3	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
11.59m		MHF	Finish node type, manhole S1	Image Provided - Ref: 2_9999 

Total Defects for section

0 0 0 0 0

DRB Grade for Section



Site: Uxbridge College, Uxbridge

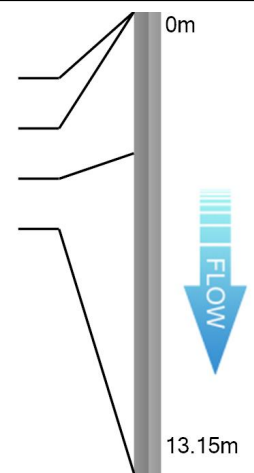
Section 4

Client:	Location (Street Name):	City/Town/Village	Cust Job Ref.	Surveyors Name:	Date:
Andy Kipping	Uxbridge College	Uxbridge		Dave Band	31/07/2019

Start Node Ref:	Gully 4	Finish Node Ref:	S1	Direction:	D	Height/Dia:	100
Start Node Depth:	0.00	Finish Node Depth:	0.78	Use:	S	Shape:	C
Start Node Coordinate:		Finish Node Coordinate:		Material:	VC	Cleaned	N

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	13.15	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	GY	Start node type Gully				
00.00m	WL	Water level 0%			0:00:00	
04.03m	R	Roots		3_2	0:00:22	
13.15m	MHF	Finish node type, manhole		3_99		



Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 4

Pos	Video Ref	Code	Description	Image
00.00m		GY	Start node type Gully Gully 4	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
04.03m	0:00:22	R	Roots - Severity 3 Root Ingress	Image Provided - Ref: 3_2  4.03m
13.15m		MHF	Finish node type, manhole S1	Image Provided - Ref: 3_9999  13.15m

Total Defects for section



DRB Grade for Section



Site: Uxbridge College, Uxbridge

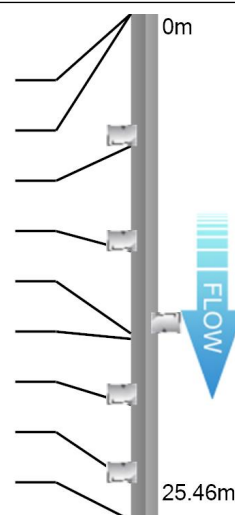
Section 5

Client:	Location (Street Name):	City/Town/Village	Cust Job Ref.	Surveyors Name:	Date:
Andy Kipping	Uxbridge College	Uxbridge		Dave Band	31/07/2019

Start Node Ref:	Catch Pit 1	Finish Node Ref:	S1	Direction:	D	Height/Dia:	150
Start Node Depth:	0.00	Finish Node Depth:	0.78	Use:	S	Shape:	C
Start Node Coordinate:		Finish Node Coordinate:		Material:	PVC	Cleaned	N

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	25.46	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	CP	Start node type, catch pit				
00.00m	WL	Water level 0%			0:00:00	
06.65m	CN	Connection other than junction 03 : 0mm	4_2		0:01:01	
11.93m	CN	Connection other than junction 02 : 0mm	4_3		0:01:45	
16.07m	CN	Connection other than junction 09 : 0mm	4_4		0:02:30	
16.34m	R	Roots	4_5		0:02:33	
19.65m	CN	Connection other than junction 03 : 0mm	4_6		0:03:17	
23.56m	CN	Connection other than junction 03 : 0mm	4_7		0:04:01	
25.46m	MHF	Finish node type, manhole	4_99			



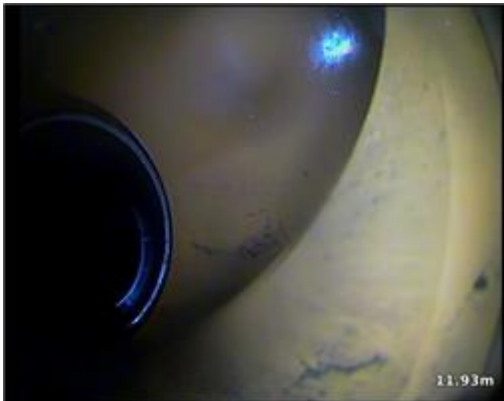
Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 5

Pos	Video Ref	Code	Description	Image
00.00m		CP	Start node type, catch pit Catch Pit 1	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
06.65m	0:01:01	CN	Connection other than junction at 03 o'clock: 0mm Diameter Blind connection	Image Provided - Ref: 4_2 
11.93m	0:01:45	CN	Connection other than junction at 02 o'clock: 0mm Diameter Blind connection	Image Provided - Ref: 4_3 
16.07m	0:02:30	CN	Connection other than junction at 09 o'clock: 0mm Diameter Blind connection.	Image Provided - Ref: 4_4 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
16.34m	0:02:33	R	Roots - Severity 3 Root Ingress	Image Provided - Ref: 4_5  16.34m
19.65m	0:03:17	CN	Connection other than junction at 03 o'clock: 0mm Diameter Blind connection	Image Provided - Ref: 4_6  19.65m
23.56m	0:04:01	CN	Connection other than junction at 03 o'clock: 0mm Diameter Blind connection	Image Provided - Ref: 4_7  23.56m

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
25.46m		MHF	Finish node type, manhole S1	Image Provided - Ref: 4_9999 

Total Defects for section



DRB Grade for Section



Site: Uxbridge College, Uxbridge

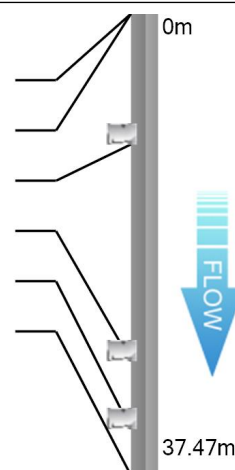
Section 6

Client:	Location (Street Name):	City/Town/Village	Cust Job Ref.	Surveyors Name:	Date:
Andy Kipping	Uxbridge College	Uxbridge		Dave Band	31/07/2019

Start Node Ref:	S1	Finish Node Ref:	S2 - Concealed	Direction:	D	Height/Dia:	150
Start Node Depth:	0.78	Finish Node Depth:	0.00	Use:	S	Shape:	C
Start Node Coordinate:		Finish Node Coordinate:		Material:	PVC	Cleaned	N

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	37.47	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole				
00.00m	WL	Water level 0%			0:00:00	
10.60m	CN	Connection other than junction 01 : 100mm	5_2		0:00:40	
28.20m	CN	Connection other than junction 01 : 100mm	5_3		0:01:40	
33.71m	CN	Connection other than junction 01 : 100mm			0:01:58	
37.47m	MHF	Finish node type, manhole	5_99			



Total Defects for section

DRB Grade for Section

0 0 0 0 0



Descriptive Report with Remarks and Observation Images

Section 6

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole S1	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
10.60m	0:00:40	CN	Connection other than junction at 01 o'clock: 100mm Diameter Blind connection	Image Provided - Ref: 5_2  10.60m
28.20m	0:01:40	CN	Connection other than junction at 01 o'clock: 100mm Diameter Blind connection	Image Provided - Ref: 5_3  28.23m
33.71m	0:01:58	CN	Connection other than junction at 01 o'clock: 100mm Diameter Blind connection	
37.47m		MHF	Finish node type, manhole S2 - Concealed	Image Provided - Ref: 5_9999  37.47m

Total Defects for section

DRB Grade for Section

0 0 0 0 0



Plan of Site

