



**CCTV SURVEYS**



**HIGH PRESSURE  
JETTING**



**MAN ENTRY  
SURVEYS**



**RELINING & REPAIRS**



**PILING SURVEYS**



**CHIMNEY SURVEYS**



**5 SUFFOLK ROAD  
MALDON  
ESSEX  
CM9 6AX**  
Telephone: 07971 910370

# CCTV REPORT

<b>CLIENT</b>	CATTON HOMES
<b>LOCATION</b>	BATFORD MILL LOWER LUTON ROAD HARPENDEN AL5 5BZ
<b>DATE</b>	29/09/2020
<b>REF</b>	071319-02
<b>DVD No</b>	002

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## **REGISTER OF APPENDICES**

- A. MANHOLE INSPECTION REPORT
- B. COPIES OF SITE HAND WRITTEN DAILY RECORD SHEETS
- C. ANNOTATED SITE DRAWINGS

## GENERAL INFORMATION

Utility Surveys Ltd have been appointed by Catton Homes to undertake a Sewer Condition Survey at the location identified. This survey commenced on 29 September 2020.

## CONTACT INFORMATION

<b>SITE ADDRESS:</b> BATFORD MILL LOWER LUTON ROAD HARPENDEN AL5 5BZ	<b>SITE CONTACT:</b> N/A  <b>CONTACT NO:</b>  <b>EMAIL:</b>
<b>CLIENT DETAILS:</b> CATTON HOMES BRAY STABLES KENNEL LANE HARPENDEN AL5 3PZ	<b>CONTACT:</b> PAUL ULMER  <b>CONTACT NO:</b> [REDACTED]  <b>EMAIL:</b>

## UTILITY SURVEYS LTD CONTACT DETAILS

<b>OFFICE</b>	<b>SIMON GARDINER</b> [REDACTED] [REDACTED]
<b>RIG MANAGER</b>	<b>SIMON GARDINER</b>

## **SITE DESCRIPTION**

### **Site Description**

DEVELOPMENT SITE

### **Site Boundaries**

CLEARLY DEFINED ON SUPPLIED DRAWINGS

## **SURVEY BRIEF**

### **Sewer Condition Inspection Survey**

The Purpose of the Sewer Condition Inspection Survey was to establish the location and extent of foul and/ or surface water drainage systems and to document their condition prior to any further works.

- A full condition survey can only be produced if precleansing / jetting is carried out in conjunction with the CCTV survey.
- If precleansing is not carried out at the time of the survey further faults and conditional defects may be present but not recorded in this report.

In addition Utility Surveys Ltd have;

- Attempted to investigate all agreed areas, although if not all could be fully accessed (see Daily Record Sheet).
- Produced a report to establish the location and extent of foul and surface water drainage systems and to document their condition prior to any further works.
- Provided the basic information from which a remediation or management plan can be instigated.
- Highlighted the requirement for urgent action to repair or remediation works to the surveyed drainage system.
- Incorporated in the results any additional manholes/ drainage found, which may have been buried, obscured or not identified in the original scope of works.

## **Agreed Restrictions and Exclusions**

This report is based upon a Sewer Condition Inspection Survey of an unfamiliar site.

During the course of the survey all reasonable efforts were made to identify and access all Manholes and foul/ surface drainage/ outfall, throughout the site.

Some installations/ areas may not have been inspected due to access and or safety reasons (e.g. Wet Wells, Large Unventilated Tanks, Traffic Management Situations). Unless an accepted safe system of work has been devised.

Access may not have been gained to several areas of the site due to conditions outside the control of the client or contractor, any such areas have been documented within this report (see Daily Record Sheet).

Any diagrams/ CAD drawings in the report are not to be scaled and are illustrative only to indicate approximate locations.

Manhole covers will not be lifted if:

- a) There is a danger of damaging surrounding flooring or finishes.
- b) They are covered, i.e. under fitted carpets, flooring, tiling or paving etc.
- c) Under fittings, fixtures, fencing, equipment etc.

Buried manholes will be located, if possible, position marked. If instructed, excavated in soft ground only up to a depth of 350mm with temporary reinstatement.

No allowance has been made for any precleansing unless stated in the quotation.

Full and free access to all areas affected is to be arranged by the instructing party.

## **SURVEY TECHNIQUES**

The areas set out within the survey brief underwent inspection for a Sewer Condition Inspection Survey each area within the agreed scope of works was surveyed for location extent and condition of foul and/ or surface water drainage systems and CCTV footage gathered for confirmation. Every reasonable effort was made to investigate all aspects of the drainage system. Additional photographs were taken where relevant to the inspection.

There were no deviations from the agreed scope of works.

This Sewer Condition Inspection Survey was carried out in accordance with the Utility Surveys Ltd documented 'in-house' procedure 820 'Code of Working Practice' based on National Sewerage Association guidance. The Sewer Condition Inspection Survey Report states information recorded at the time of survey only, based on visual and CCTV assessment in accordance with sewer classification codings issued by WRC, incorporating the following inspection criteria:

CONDITION of pipe work  
LOCATION of pipe work  
EXTENT of the pipe work

A defect grade description has been provided for the identification of defective pipe work.

Changes to any of the above criteria shall necessitate the need for reassessment

These gradings and the reports can be used to form the basis of a planned preventative maintenance programme. This can be the subject of further discussions with our technical support team.

# Drainage Report



Prepared For

**CATTON HOMES  
BRAY STABLES  
KENNEL LANE  
HARPENDEN  
AL5 3PZ**

Site

**BATFORD MILL  
LOWER LUTON ROAD  
HARPENDEN  
AL5 5BZ**

**UTILITY SURVEYS LIMITED**



Total Defects for Project



Total DRB Grades for Project



**071319 02 BATFORD MILL LOWER LUTON ROAD HARPENDEN - CCTV Survey  
Report : 29/09/20**

Name :	UTILITY SURVEYS LIMITED
Contact :	SIMON GARDINER
Location :	5 SUFFOLK ROAD
Town :	MALDON
Region :	ESSEX
Postcode :	CM9 6AX
Email :	[REDACTED]
Contact Number :	
Surveyor :	
Valid Certification No :	

**Client Information**

Name :	CATTON HOMES
Contact :	PAUL ULLMER
Location :	BRAY STABLES
Town :	KENNEL LANE
Region :	HARPENDEN
Postcode :	AL5 3PZ
Tel :	[REDACTED]
Mobile :	
Email :	
Fax :	

**Site Information**

Name :	BATFORD MILL
Contact :	
Location :	LOWER LUTON ROAD
Town :	HARPENDEN
Region :	
Postcode :	AL5 5BZ
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**

<p><b>Section: 1</b></p> <p>From: S1 To: S2</p>	<p>Grade B</p>	<p>DRB Grade: <b>B</b> Pipe Size: 225 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water</p>
<p><b>Section: 2</b></p> <p>From: S4 To: OUTFALL 01</p>	<p>Grade B</p>	<p>DRB Grade: <b>B</b> Pipe Size: 225 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water</p>
<p><b>Section: 3</b></p> <p>From: S4 To: S3</p>	<p>Grade C</p>	<p>DRB Grade: <b>C</b> Pipe Size: 225 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water</p>
<p><b>Section: 4</b></p> <p>From: S3 To: S5</p>	<p>Grade C</p>	<p>DRB Grade: <b>C</b> Pipe Size: 225 Material: Vitrified Clay (i.e. all clayware) Use: Surface Water</p>

Total Defects for Project



Total DRB Grades for Project



Site: LOWER LUTON ROAD, HARPENDEN

Section 1

Client: CATTON HOMES	Location (Street Name): LOWER LUTON ROAD	City/Town/Village HARPENDEN	Cust Job Ref.	Surveyors Name: SIMON GARDINER	Date: 29/09/2020
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Start Node Ref: S1	Finish Node Ref: S2	Direction: D	Height/Dia: 225
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	20.59	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			
00.40m	DES	S1 Settled deposits fine 20%	S1		0:00:06
00.70m	CCJ	Crack, circumferential 08-04 at joint			0:00:06
01.00m	REM	General remark			0:00:58
08.60m	CCJ	Crack, circumferential 07-10 at joint			0:01:11
10.00m	CCJ	Crack, circumferential 07-10 at joint			0:01:29
14.00m	CCJ	Crack, circumferential 07-10 at joint			0:02:10
15.00m	DES	F1 Settled deposits fine 20%	F1		0:00:06
15.00m	DES	S2 Settled deposits fine 30%	S2		0:02:35
20.59m	DES	F2 Settled deposits fine 30%	F2		0:02:35
20.59m	SA	Survey abandoned			

Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 1**

Pos	Video Ref	Code	Cont.	Description	Image
00.00m		MH		Start node type, manhole S1	
00.00m		WL		Water level: 0% Height/Diameter	
00.40m	0:00:06	S1 DES		Settled deposits fine 0.4m - 15m: 20% Cross sectional area loss - Severity 3	
00.70m	0:00:06	CCJ		Crack, circumferential from 08 o'clock to 04 o'clock at joint - Severity 1	
01.00m	0:00:58	REM		General remark CAMERA PUSHING DOWN LEFT HAND SIDE OF PIPE DUE TO BUILD UP OF DEBRIS	
08.60m	0:01:11	CCJ		Crack, circumferential from 07 o'clock to 10 o'clock at joint - Severity 1	
10.00m	0:01:29	CCJ		Crack, circumferential from 07 o'clock to 10 o'clock at joint - Severity 1	
14.00m	0:02:10	CCJ		Crack, circumferential from 07 o'clock to 10 o'clock at joint - Severity 1	
15.00m	0:00:06	F1 DES		Settled deposits fine Defect End: 20% Cross sectional area loss - Severity 3	
15.00m	0:02:35	S2 DES		Settled deposits fine 15m - 20.59m: 30% Cross sectional area loss - Severity 3	
20.59m	0:02:35	F2 DES		Settled deposits fine Defect End: 30% Cross sectional area loss - Severity 3	
20.59m		SA		Survey abandoned UNABLE TO PASS DEBRIS	

Total Defects for section



DRB Grade for Section



Site: LOWER LUTON ROAD, HARPENDEN

Section 2

Client: CATTON HOMES	Location (Street Name): LOWER LUTON ROAD	City/Town/Village HARPENDEN	Cust Job Ref.	Surveyors Name: SIMON GARDINER	Date: 29/09/2020
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Start Node Ref: S4	Finish Node Ref: OUTFALL 01	Direction: D	Height/Dia: 225
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	33.87	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole				
00.00m	WL	Water level 5%				
00.40m	DES	S1 Settled deposits fine 10%	S1		0:00:00	
00.50m	CCJ	Crack, circumferential 08-04 at joint		1_3	0:00:05	
01.70m	WL	Water level 10%			0:00:14	
01.80m	DES	F1 Settled deposits fine 10%	F1		0:00:00	
03.00m	WL	Water level 20%			0:00:27	
03.40m	FC	Fracture circumferential 08-04			0:00:27	
03.40m	WL	Water level 30%			0:00:35	
03.60m	CUW	S2 Loss of vision, camera under water	S2		0:00:35	
08.60m	CUW	F2 Loss of vision, camera under water	F2		0:00:35	
08.70m	WL	Water level 20%			0:01:05	
14.50m	WL	Water level 10%			0:01:47	
15.50m	WL	Water level 5%			0:01:52	
33.87m	OFF	Finish node type, outfall				

Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 2**

Pos	Video Ref	Code	Cont.	Description	Image
00.00m		MH		Start node type, manhole S4	
00.00m		WL		Water level: 5% Height/Diameter	
00.40m	0:00:00	S1 DES		Settled deposits fine 0.4m - 1.8m: 10% Cross sectional area loss - Severity 3	
00.50m	0:00:05	CCJ		Crack, circumferential from 08 o'clock to 04 o'clock at joint - Severity 1	<p>Image Provided - Ref: 1_3</p>
01.70m	0:00:14	WL		Water level: 10% Height/Diameter	
01.80m	0:00:00	F1 DES		Settled deposits fine Defect End: 10% Cross sectional area loss - Severity 3	
03.00m	0:00:27	WL		Water level: 20% Height/Diameter	
03.40m	0:00:27	FC		Fracture circumferential from 08 o'clock to 04 o'clock - Severity 3	
03.40m	0:00:35	WL		Water level: 30% Height/Diameter	
03.60m	0:00:35	S2 CU W		Loss of vision, camera under water 3.6m - 8.6m	
08.60m	0:00:35	F2 CU W		Loss of vision, camera under water Defect End	
08.70m	0:01:05	WL		Water level: 20% Height/Diameter	

Total Defects for section

DRB Grade for Section



Pos	Video Ref	Code	Cont.	Description	Image
14.50m	0:01:47	WL		Water level: 10% Height/Diameter	
15.50m	0:01:52	WL		Water level: 5% Height/Diameter	
33.87m		OFF		Finish node type, outfall OUTFALL 01	

Total Defects for section



DRB Grade for Section



Site: LOWER LUTON ROAD, HARPENDEN

Section 3

Client: CATTON HOMES	Location (Street Name): LOWER LUTON ROAD	City/Town/Village HARPENDEN	Cust Job Ref.	Surveyors Name: SIMON GARDINER	Date: 29/09/2020
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Start Node Ref: S4	Finish Node Ref: S3	Direction: U	Height/Dia: 225
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	25.45	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole				
00.00m	WL	Water level 10%				
00.40m	DES	Settled deposits fine 10%			0:00:13	
02.00m	WL	Water level 5%			0:00:21	
02.30m	H	Hole in drain/sewer 11-12			0:00:18	
02.30m	CCJ	Crack, circumferential 08-04 at joint			0:00:18	
05.54m	H	Hole in drain/sewer 12-02		2_6	0:00:34	
05.60m	H	Hole in drain/sewer 08-10			0:00:37	
06.00m	WL	Water level 10%			0:00:41	
06.10m	WL	Water level 20%			0:00:41	
06.30m	CC	Crack, circumferential 02-05			0:00:41	
09.00m	WL	Water level 10%			0:00:57	
09.80m	WL	Water level 20%			0:01:03	
10.30m	WL	Water level 30%			0:01:08	
10.50m	CUW	S1 Loss of vision, camera under water	S1		0:01:18	
14.20m	CUW	F1 Loss of vision, camera under water	F1		0:01:18	
14.40m	WL	Water level 20%			0:01:32	
14.50m	DER	Settled deposits coarse 20%			0:01:32	
25.45m	MHF	Finish node type, manhole				

Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 3**

Pos	Video Ref	Code	Cont.	Description	Image
00.00m		MH		Start node type, manhole S4	
00.00m		WL		Water level: 10% Height/Diameter	
00.40m	0:00:13	DES		Settled deposits fine: 10% Cross sectional area loss - Severity 3	
02.00m	0:00:21	WL		Water level: 5% Height/Diameter	
02.30m	0:00:18	H		Hole in drain/sewer from 11 o'clock to 12 o'clock - Severity 4	
02.30m	0:00:18	CCJ		Crack, circumferential from 08 o'clock to 04 o'clock at joint - Severity 1	
05.54m	0:00:34	H		Hole in drain/sewer from 12 o'clock to 02 o'clock - Severity 4	<p>Image Provided - Ref: 2_6</p>
05.60m	0:00:37	H		Hole in drain/sewer from 08 o'clock to 10 o'clock - Severity 4	
06.00m	0:00:41	WL		Water level: 10% Height/Diameter	
06.10m	0:00:41	WL		Water level: 20% Height/Diameter	
06.30m	0:00:41	CC		Crack, circumferential from 02 o'clock to 05 o'clock - Severity 1	
09.00m	0:00:57	WL		Water level: 10% Height/Diameter	

Total Defects for section

DRB Grade for Section



Pos	Video Ref	Code	Cont.	Description	Image
09.80m	0:01:03	WL		Water level: 20% Height/Diameter	
10.30m	0:01:08	WL		Water level: 30% Height/Diameter	
10.50m	0:01:18	S1 CU W		Loss of vision, camera under water 10.5m - 14.2m	
14.20m	0:01:18	F1 CU W		Loss of vision, camera under water Defect End	
14.40m	0:01:32	WL		Water level: 20% Height/Diameter	
14.50m	0:01:32	DER		Settled deposits coarse: 20% Cross sectional area loss - Severity 3	
25.45m		MHF		Finish node type, manhole S3	

Total Defects for section

DRB Grade for Section



Site: LOWER LUTON ROAD, HARPENDEN

Section 4

Client: CATTON HOMES	Location (Street Name): LOWER LUTON ROAD	City/Town/Village HARPENDEN	Cust Job Ref.	Surveyors Name: SIMON GARDINER	Date: 29/09/2020
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Start Node Ref: S3	Finish Node Ref: S5	Direction: U	Height/Dia: 225
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	24.5	

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole				
00.00m	WL	Water level 5%				
00.40m	CC	Crack, circumferential 12-06			0:00:00	
03.55m	CCJ	Crack, circumferential 09-03 at joint			0:00:25	
07.36m	DER	Settled deposits coarse 10%			0:00:53	
07.40m	JDM	Joint displaced medium			0:00:54	
07.45m	WL	Water level 20%			0:01:00	
08.00m	CCJ	Crack, circumferential 10-02 at joint			0:01:00	
08.90m	CCJ	Crack, circumferential 07-05 at joint			0:01:07	
09.70m	WL	Water level 10%			0:01:14	
12.85m	DER	Settled deposits coarse 20%			0:01:39	
13.09m	JDL	Joint displaced large			0:01:43	
13.09m	SC	Dimension of drain/sewer changes : 150mm		3_12	0:01:43	
13.10m	WL	Water level 0%			0:02:12	
14.30m	SC	Dimension of drain/sewer changes : 225mm		3_13	0:02:03	
15.14m	CCJ	Crack, circumferential 09-03 at joint			0:02:12	
18.65m	H	Hole in drain/sewer 12-02		3_16	0:02:39	
18.70m	CL	Crack, longitudinal 11			0:02:55	
24.27m	DEE	Attached deposits, encrustation 04-08 20%		3_18	0:03:27	
24.50m	SA	Survey abandoned				

Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 4**

Pos	Video Ref	Code	Cont.	Description	Image
00.00m		MH		Start node type, manhole S3	
00.00m		WL		Water level: 5% Height/Diameter	
00.40m	0:00:00	CC		Crack, circumferential from 12 o'clock to 06 o'clock - Severity 1	
03.55m	0:00:25	CCJ		Crack, circumferential from 09 o'clock to 03 o'clock at joint - Severity 1	
07.36m	0:00:53	DER		Settled deposits coarse: 10% Cross sectional area loss - Severity 3	
07.40m	0:00:54	JDM		Joint displaced medium - Severity 3	
07.45m	0:01:00	WL		Water level: 20% Height/Diameter	
08.00m	0:01:00	CCJ		Crack, circumferential from 10 o'clock to 02 o'clock at joint - Severity 1	
08.90m	0:01:07	CCJ		Crack, circumferential from 07 o'clock to 05 o'clock at joint - Severity 1	
09.70m	0:01:14	WL		Water level: 10% Height/Diameter	
12.85m	0:01:39	DER		Settled deposits coarse: 20% Cross sectional area loss - Severity 3	
13.09m	0:01:43	JDL		Joint displaced large - Severity 4	

Total Defects for section

DRB Grade for Section



Pos	Video Ref	Code	Cont.	Description	Image
13.09m	0:01:43	SC		Dimension of drain/sewer changes: 150mm Diameter LOCAL REPAIR	Image Provided - Ref: 3_12 
13.10m	0:02:12	WL		Water level: 0% Height/Diameter	
14.30m	0:02:03	SC		Dimension of drain/sewer changes: 225mm Diameter	Image Provided - Ref: 3_13 
15.14m	0:02:12	CCJ		Crack, circumferential from 09 o'clock to 03 o'clock at joint - Severity 1	
18.65m	0:02:39	H		Hole in drain/sewer from 12 o'clock to 02 o'clock - Severity 4	Image Provided - Ref: 3_16 
18.70m	0:02:55	CL		Crack, longitudinal at 11 o'clock - Severity 1	

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Cont.	Description	Image
24.27m	0:03:27	DEE		Attached deposits, encrustation from 04 o'clock to 08 o'clock: 20% Cross sectional area loss - Severity 3	<p>Image Provided - Ref: 3_18</p>
24.50m		SA		Survey abandoned ENCRUSTATION	

## **REGISTER OF APPENDICES**

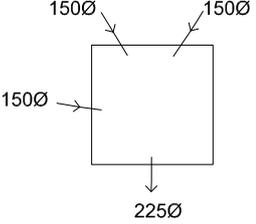
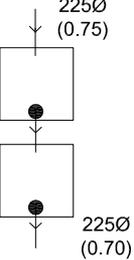
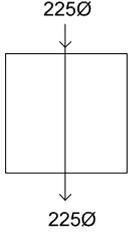
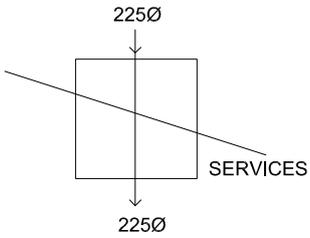
- A. MANHOLE INSPECTION REPORT
  
- B. COPIES OF SITE HAND WRITTEN DAILY RECORD SHEETS
  
- C. ANNOTATED SITE DRAWINGS

# UTILITY SURVEYS LTD

5 SUFFOLK ROAD  
MALDON  
ESSEX  
CM9 6AX

LOCATION: BATFORD MILL LOWER LUTON ROAD HARPENDEN JOB REF: 071319 - 02

CLIENT: CATTON HOMES DATE: 29/09/2020

<p>MH No. S1 DEPTH. 0.80 COVER. SH CONSTRUCTION. Br REMARKS. CATHPIT</p>			
<p>MH No. S2 DEPTH. 1.75 COVER. SM CONSTRUCTION. Co REMARKS. 2 CHAMBER INTERCEPTOR</p>			
<p>MH No. S3 DEPTH. 0.66 COVER. SH CONSTRUCTION. Br REMARKS.</p>			
<p>MH No. S4 DEPTH. 0.60 COVER. SH CONSTRUCTION. Br REMARKS. SERVICES RUNNING THROUGH MANHOLE</p>			
<p>MH No. S5 DEPTH. COVER. CONSTRUCTION. REMARKS.</p>	<p>UNABLE TO LIFT</p>		

KEY: C - Circular      L - Light Duty      Co - Concrete  
 S - Square          M - Medium Duty      Br - Brick  
 T - Triangular      H - Heavy Duty      R - Rectangular



MH S1



MH S2 (2 CHAMBER INTERCEPTOR)



MH S2 (CHAMBER 01)



MH S2 (CHAMBER 02)



OUTFALL 02



OUTFALL 02



MH S4



OUTFALL 01

# CCTV Sewer Survey – Daily Record Sheet

Date  Job No

Client

Site Address

Rig Manager  Operative



5 Suffolk Road  
Maldon  
Essex  
CM9 6AX

Tel: 07971910370

Manhole		Sewer dia.	Recorded Metreage	Survey Abandoned	Remarks
Start	Finish				
S1	S2	225	20-59		
S4	OUTFALL	225	33-87		
SA	S3	225	25-45		
S3	S5	225	24-50	/	ENCRUSTATION
<b>TOTAL</b>					

Standing Time  Meterage check  Length

Reason for standing time

Remarks OUTFALL 2 - S2 60% SILT & MUD  
S2 - OUTFALL 2 NO ACCESS FOR CAMERA

Special Instructions; Site Contact – [REDACTED]

