

CCTV REPORT

CLIENT:	CSL Surveys
JOB NO:	14230
PROJECT:	Police Headquarters Stanborough Welwyn Garden City AL8 6PH
DATE:	October 2020
REVISION:	<u>-</u>

10101





INSTRUCTIONS FOR VIEWING REPORT

VIEWING VIDEO CLIPS

Please ensure that the Video viewing software is able to play 'MPEG Layer-4 Audio File (MP4)' type. We recommend to use 'Windows Media Player' for Microsoft operating systems and 'Quick Time Player' for Apple Mac operating systems. We recommend to check that the file type: 'MPEG Layer-4 Audio' is enabled within the settings.

NAVIGATING THE PDF REPORT

For this you will require 'ADOBE READER 6' or later version

The CCTV PDF file can be run direct from the disc

In each section of the report the text for DRAWING, REPORT, VIDEO or IMAGE (if relevant) is a toggle switch between the various details, so by clicking the mouse arrow on the text it will navigate to the section of the report that the text represents.









DEFECT GRADE DESCRIPTIONS

- NO DEFECT Drainage feature eg. Junction, line change, manhole. No action required.
- VERY MINOR DEFECT eg. Attached / Settled Deposits 5% 15%.
 No action required.
- 2 MINOR DEFECT Observed defect does not appear to be currently causing an issue with the function of the drain run. Defect may worsen if not appropriately maintained and monitored. No immediate action required.
- 3 **MEDIUM DEFECT** Observed defect does not appear to be currently causing an issue with the function of the drain run. Defect may worsen if not appropriately maintained and monitored. No immediate action required.
- 4 **MAJOR DEFECT** Observed defect is causing a significant issue with the function of the drain run. Immediate action is required to maintain the function of the drain run and prevent the defect from worsening.
- 5 **MAJOR DEFECT** Observed defect has caused the drain run to cease functioning. Immediate action is required.

The above Defect Grade Descriptions are for advisory purposes only.

CCTV SURVEY DISCLAIMER

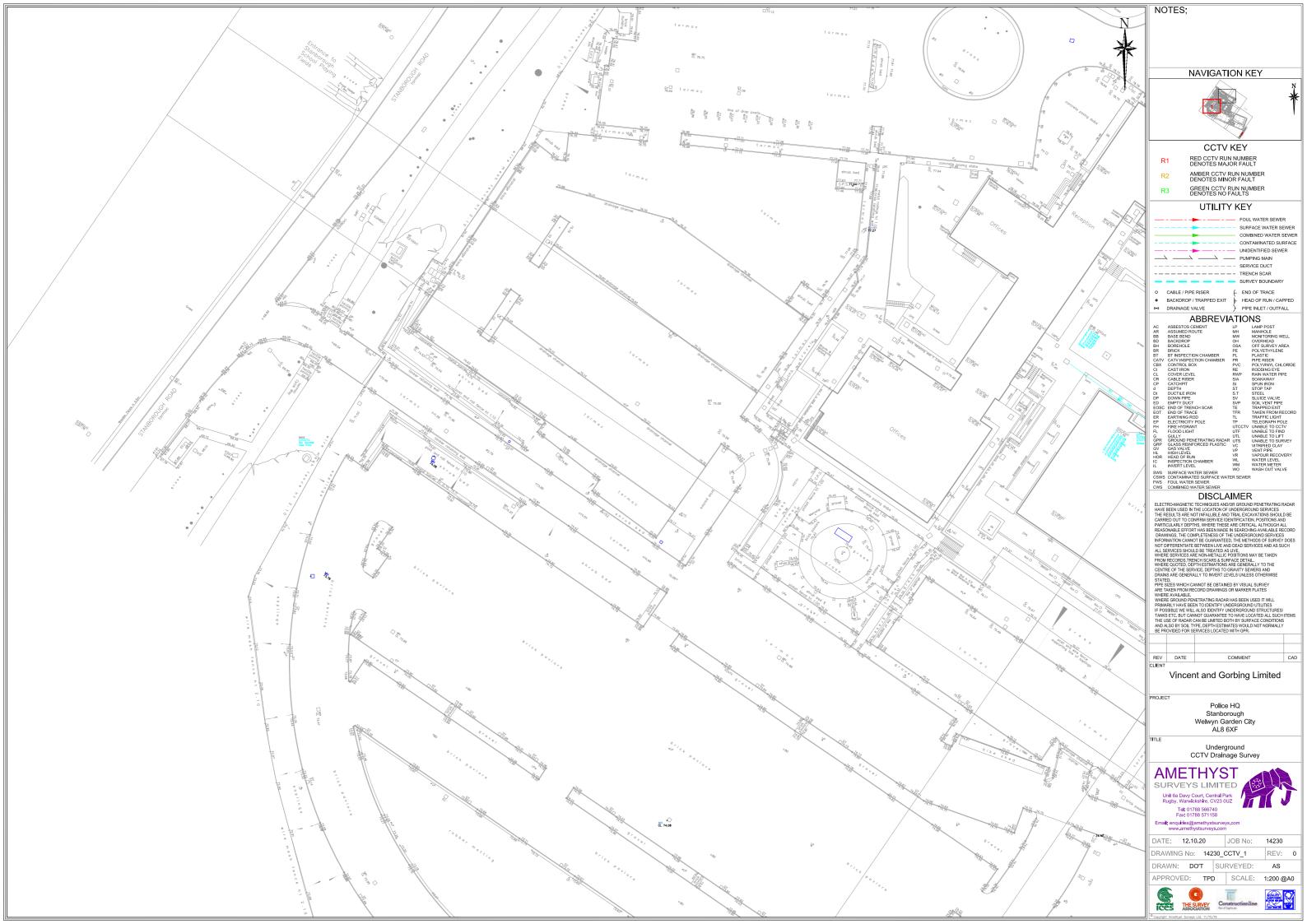
Amethyst Surveys has made every effort available to produce a high quality and indepth survey, outlining all significant observations and where appropriate, relative remedial actions. We cannot, however, accept any liability for any misinterpretation by third parties in relation to the information contained herein. Also we cannot accept any liability for any change in invert levels recorded on site if the land detail changes from the date of this survey. The condition of the drains shown within this report are a representation of the areas surveyed on the date(s) of this report only.

The CCTV camera unit chainage is calibrated before each survey. However, we cannot guarantee or accept liability that the recording of the chainage is exact and therefore recommend that all distance measurements are treated as approximate.













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CCTV REPORT

Drawing (M)





Welwyn Garden City AL8 6PH

Police HQ, Stanborough

-	Run No:	1	Weather:	Dry	Duty:	Surface
	Start:	MH1	Upstream To	Destination:	MH Internal	
N	laterial:		Shape:	Circular	Pipe size:	225
	ndition:	Good	MH Defect:	None	Pre-Cleaned:	No
	•		1	Maximun	n Defect Grade:	0
Distance			Defect		Grade	
0.00	Water Leve	I 0%			0	
18.85	MH Interna	I				0
	End					0
	Water Leve	I 0%				0
	Pipe size ch	anges at the inte	ernal manhole.			
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CCTV REPORT

Drawing (1)





Date: 12/10/2020

R	un No:	2	Weather:	Dry	Duty:	Surface
	Start:	MH2	Downstream To	Destination:	МНА	
Ma	aterial:	Vitrified Clay	Shape:	Circular	Pipe size:	100
MH Con	dition:	Good	MH Defect:	None	Pre-Cleaned:	No
	•			Maximun	n Defect Grade:	4
Distance			Defect			Grade
0.00	Water Le	evel 0%				0
1.75	Dimensio	on of Drain/Sewer Ch	anges to 150mm Diameter			0
13.95	Junction	at 10 O'clock				0
14.38	Open Joi	nt Medium				2
14.73	Junction	at 3 O'clock				0
24.83	Junction	at 10 O'clock				0
24.90	Joint Dis	placement Large				4
31.13	Junction	at 11 O'clock				0
31.32	Open Joi	nt Large				4
33.49	Open Joi	nt Medium				2
34.08	Open Joi	nt Large				4
34.52	МНА					0
	End					0
	Water Le	evel 0%				0





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Drawing (1)





Police HQ, Stanborough Welwyn Garden City AL8 6PH

Date: 12/10/2020

R	un No:	3	Weather:	Dry	Duty:	Foul	
	Start:	MH3	Upstream To	Destination:	End of Trace	1001	
Ma	aterial:	Vitrified Clay	Shape:	Circular	Pipe size:	150	
MH Con		Good	MH Defect:	None	Pre-Cleaned:	No	
10111 CO11	uitioii.	Good	Will Beleet.		n Defect Grade:	3	
Distance			Defect	TVIGATII GI	Delete Grade.	Grade	
0.00	Water Le	vel 5%	20.000			0	
0.37		mension of Drain/Sewer Changes to 100mm Diameter					
0.40 - 0.75			m 11 O'clock - 1 O'clock 5%			1	
0.40 - 4.84			m 5 O'clock - 7 O'clock 5%			1	
0.83		nt Medium				2	
4.84		rain/Sewer Deviates	Right Quarter Turn			0	
4.84 - 5.08	Attached	Deposits Grease fro	m 5 O'clock - 7 O'clock 20%			3	
5.03 - 5.08	Loss of V	ision Due To Debris				1	
5.08	Unable to	o Proceed Due to Atta	ached Deposits Grease			3	
5.08	End of Tr	ace				0	
	Water Le	vel 5%				0	
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Drawing (1)





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Police HQ, Stanborough

Date: 12/10/2020

R	un No:	4	Weather:	Dry	Duty:	Surface
	Start:	MH4	Upstream To	Destination:	End of Trace	
Ma	terial:	Vitrified Clay	Shape:	Circular	Pipe size:	100
MH Con	dition:	Silted	MH Defect:	None	Pre-Cleaned:	No
				Maximun	n Defect Grade:	3
Distance			Defect			Grade
0.00	Water Le	vel 0%				0
0.11	Crack Cir	cumferential from 12	O'clock - 12 O'clock			2
0.33	Joint Dis	placement Medium				2
0.98	Joint Disp	placement Medium				2
1.60 - 1.90	Settled D	eposits Coarse 20%				3
1.90	Unable to	o Proceed Due to Set	tled Deposits Coarse			3
1.90	End of Tr	ace				0
	Water Le	evel 0%				0



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Police HQ, Stanborough Welwyn Garden City AL8 6PH

Date: 12/10/2020

l B	Run No:	5	Weather:	Dry	Duty:	Surface
•	Start:	MH4	Upstream To	Destination:	Base Bend	Sarrace
М	aterial:	Vitrified Clay	Shape:	Circular	Pipe size:	100
MH Cor		Roots	MH Defect:	None	Pre-Cleaned:	No
		110013			n Defect Grade:	2
Distance			Defect			Grade
0.00	Water Le	evel 0%				0
3.22	Crack Cire	cumferential from 12	O'clock - 12 O'clock			2
3.52	Crack Cire	cumferential at Joint	from 12 O'clock - 12 O'cloc	(2
5.40	Joint Disp	placement Medium				2
5.40	Material	of Drain/Sewer Chan	ges to PVC			0
8.24	Line of D	rain/Sewer Deviates	Right Quarter Turn			0
8.24	Joint Dis	placement Medium				2
8.43	Junction	at 12 O'clock				0
8.75	Junction	at 3 O'clock				0
9.08	Open Joi	nt Medium				2
9.08	Material	of Drain/Sewer Chan	ges to Vitrified Clay			0
10.95	Debris / S	Silt 5%				1
12.30	Base Ben	nd				0
	End					0
	Water Le	evel 0%				0



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CCTV REPORT

Drawing

Video



Date: 12/10/2020

R	un No:	6	Weather:	Dry	Duty:	Surface		
	Start:	MH4	Upstream To	Destination:	Gully			
Ma	aterial:	Vitrified Clay	Shape:	Circular	Pipe size:	100		
MH Con	dition:	Roots	MH Defect:	None	Pre-Cleaned:	No		
	•			Maximun	n Defect Grade:	2		
Distance			Defect			Grade		
0.00	Water Le	Vater Level 5%						
0.00 - 3.76	Attached	Deposits Encrustation	on from 5 O'clock - 7 O'clock	c 5%		1		
0.83	Line of D	rain/Sewer Deviates	Left Quarter Turn			0		
2.89	Joint Disp	placement Medium				2		
3.29	Joint Disp	placement Medium				2		
3.76	Gully					0		
	End					0		
	Water Le	evel 5%				0		



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Drawing []]





Date: 12/10/2020

Rı	Run No: 7 Weather: Dry Duty:		Surface			
	Start:	MH4	Upstream To	Destination:	МНВ	
Ma	terial:	Pitch Fibre	Shape:	Circular	Pipe size:	100
MH Cond	dition:	Roots	MH Defect:	None	Pre-Cleaned:	No
				Maximur	n Defect Grade:	5
Distance			Defect			Grade
0.00	Water Le	evel 5%				0
18.02	Hole in D	rain/Sewer at 11 O'c	lock			5
18.35	Hole in D	rain/Sewer at 11 O'c	lock			5
20.02 - 20.65	Attached	Deposits Encrustation	on from 6 O'clock - 7 O'clock	10%		2
20.65	МНВ					0
	End					0
	Water Le	evel 0%				0



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Date: 12/10/2020

R	un No:	8	Weather:	Dry	Duty:	Surface
	Start:	MH4	Upstream To	Destination:	Capped Off	
Ma	aterial:		Shape:	Circular	Pipe size:	100
MH Con			MH Defect:	None	Pre-Cleaned:	No
	•			Maximun	n Defect Grade:	0
Distance			Defect			Grade
0.00	Water Le	vel 0%				0
0.00	Capped C	Off				0
	End					0
	Water Le	vel 0%				0



