




Descriptive Report with Remarks and Observation Images

Section 14



Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH04	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
03.60m	0:00:17	LRQ	Line of drain/sewer deviates right [quarter]	Image Provided - Ref: 13_2 
05.80m	0:00:23	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 13_3 
10.40m	0:00:31	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 13_4 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
12.60m	0:02:45	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 13_5 
15.00m	0:03:04	LLQ	Line of drain/sewer deviates left [quarter]	Image Provided - Ref: 13_6 
16.90m		SA	Survey abandoned LATA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

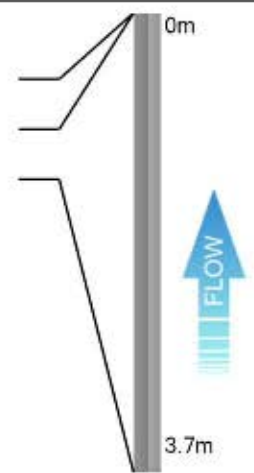
Section 15

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH04 1.57	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	LATB 0.00	Direction: Use: Material:	U S VC	Height/Dia: Shape: Cleaned	100 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	3.7	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
03.70m	SA	Survey abandoned			



Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 15**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH04	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
03.70m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

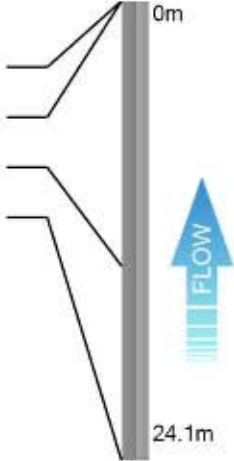
Section 16

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: MH06	Finish Node Ref: SA	Direction: U	Height/Dia: 300
Start Node Depth: 2.94	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	24.1	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
13.90m	JDM	Joint displaced medium			15_2 0:00:43
24.10m	SA	Survey abandoned			



Total Defects for section




DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 16**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH06	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
13.90m	0:00:43	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 15_2 
24.10m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



**Site: Gawber Road , Barnsley**

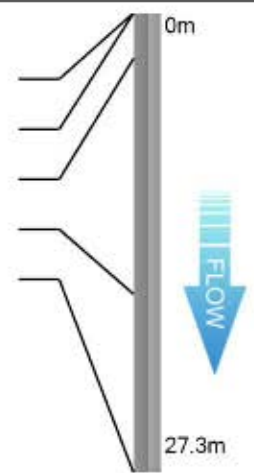
**Section 17**

Client: <b>Mott Macdonald</b>	Location (Street Name): <b>Gawber Road</b>	City/Town/Village <b>Barnsley</b>	Cust Job Ref.	Surveyors Name: <b>Jordan Beckett</b>	Date: <b>28/01/2019</b>
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Start Node Ref: <b>MH06</b>	Finish Node Ref: <b>SA</b>	Direction: <b>D</b>	Height/Dia: <b>300</b>
Start Node Depth: <b>2.98</b>	Finish Node Depth: <b>0.00</b>	Use: <b>S</b>	Shape: <b>C</b>
Start Node Coordinate:	Finish Node Coordinate:	Material: <b>VC</b>	Cleaned <b>N</b>

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
<b>A</b>				<b>D</b>	<b>N</b>	<b>27.3</b>	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
02.70m	JDM	Joint displaced medium		16_2	0:00:27
16.70m	CC	Crack, circumferential 12-06		16_3	0:01:11
27.30m	SA	Survey abandoned			




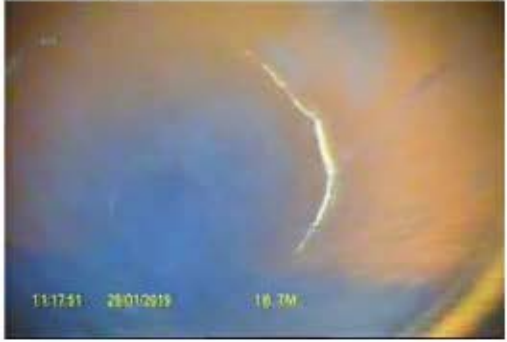
Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 17

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH06	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
02.70m	0:00:27	JDM	Joint displaced medium - Severity 3	<p>Image Provided - Ref: 16_2</p> 
16.70m	0:01:11	CC	Crack, circumferential from 12 o'clock to 06 o'clock - Severity 1	<p>Image Provided - Ref: 16_3</p> 
27.30m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

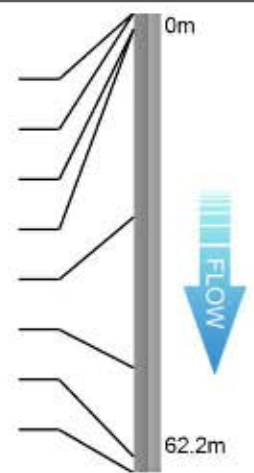
Section 18

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH07 3.61	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	SA 0.00	Direction: Use: Material:	D C VC	Height/Dia: Shape: Cleaned	300 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	62.2	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	S1 Water level 20%	S1		0:00:00
02.20m	CL	Crack, longitudinal 03		17_2	0:00:17
02.20m	CC	Crack, circumferential 12-06		17_3	0:00:39
27.60m	JDM	Joint displaced medium		17_4	0:01:21
48.00m	JDM	Joint displaced medium		17_5	0:01:49
60.00m	CU	S2 Loss of vision	S2		0:02:34
62.20m	SA	Survey abandoned			




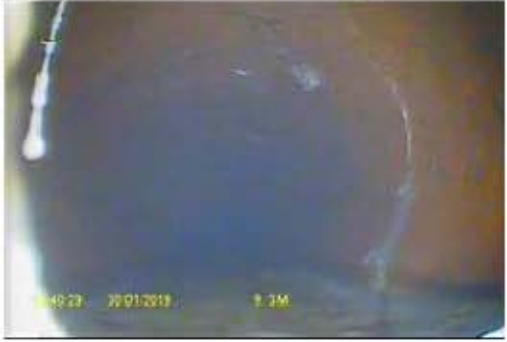
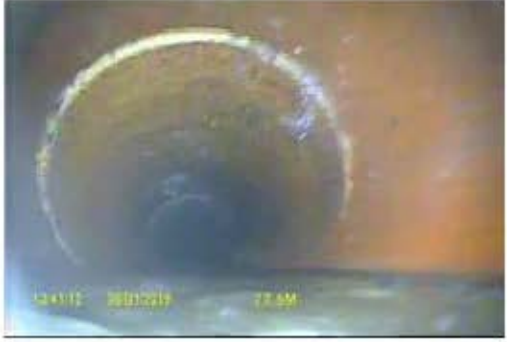
Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 18

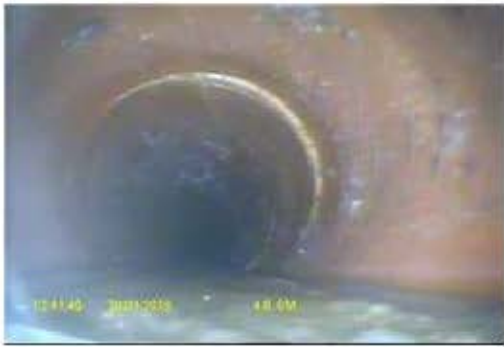
Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH07	
00.00m	0:00:00	S1 WL	Water level 0m - 62.2m: 20% Height/Diameter	
02.20m	0:00:17	CL	Crack, longitudinal at 03 o'clock - Severity 1	<p>Image Provided - Ref: 17_2</p> 
02.20m	0:00:39	CC	Crack, circumferential from 12 o'clock to 06 o'clock - Severity 1	<p>Image Provided - Ref: 17_3</p> 
27.60m	0:01:21	JDM	Joint displaced medium - Severity 3	<p>Image Provided - Ref: 17_4</p> 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
48.00m	0:01:49	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 17_5 
60.00m	0:02:34	S2 CU	Loss of vision 60m - 62.2m	
62.20m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

Section 19

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: MH07	Finish Node Ref: LATA	Direction: U	Height/Dia: 100
Start Node Depth: 2.25	Finish Node Depth: 0.00	Use: F	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	11.4	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
00.10m	LRQ	Line of drain/sewer deviates right [quarter]		18_2	0:00:06
00.50m	JDL	Joint displaced large		18_3	0:00:10
02.10m	JDL	Joint displaced large		18_4	0:00:14
02.50m	JDL	Joint displaced large		18_5	0:00:15
04.80m	JDM	Joint displaced medium		18_6	0:00:22
09.00m	JDM	Joint displaced medium		18_7	0:00:37
11.00m	DES	Settled deposits fine 90%		18_8	0:00:47
11.40m	SA	Survey abandoned			




Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 19**





Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH07	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.10m	0:00:06	LRQ	Line of drain/sewer deviates right [quarter]	Image Provided - Ref: 18_2 
00.50m	0:00:10	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 18_3 
02.10m	0:00:14	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 18_4 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
02.50m	0:00:15	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 18_5 
04.80m	0:00:22	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 18_6 
09.00m	0:00:37	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 18_7 
11.00m	0:00:47	DES	Settled deposits fine: 90% Cross sectional area loss - Severity 3	Image Provided - Ref: 18_8 
11.40m		SA	Survey abandoned LATA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

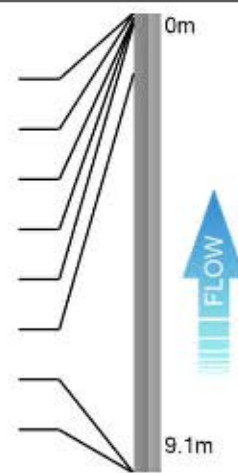
Section 20

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH07 2.25	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	LATB 0.00	Direction: Use: Material:	U F VC	Height/Dia: Shape: Cleaned	100 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	9.1	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
00.10m	JDL	Joint displaced large		19_2	0:00:07
00.10m	LLQ	Line of drain/sewer deviates left [quarter]		19_3	0:00:07
00.20m	JDL	Joint displaced large		19_4	0:00:23
01.20m	LLH	Line of drain/sewer deviates left [half]		19_5	0:00:27
09.10m	DES	Settled deposits fine 100%		19_6	0:00:52
09.10m	SA	Survey abandoned			



Total Defects for section






DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 20

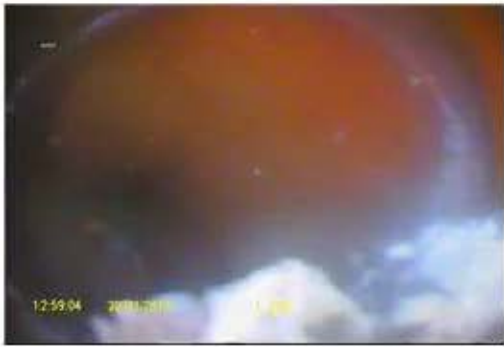

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH07	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.10m	0:00:07	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 19_2 
00.10m	0:00:07	LLQ	Line of drain/sewer deviates left [quarter]	Image Provided - Ref: 19_3 
00.20m	0:00:23	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 19_4 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
01.20m	0:00:27	LLH	Line of drain/sewer deviates left [half]	Image Provided - Ref: 19_5 
09.10m	0:00:52	DES	Settled deposits fine: 100% Cross sectional area loss - Severity 3	Image Provided - Ref: 19_6 
09.10m		SA	Survey abandoned LATB	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

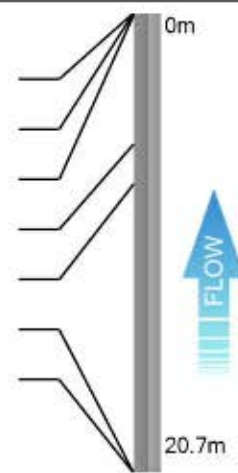
Section 21

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: MH07	Finish Node Ref: LATC	Direction: U	Height/Dia: 100
Start Node Depth: 2.25	Finish Node Depth: 0.00	Use: F	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	20.7	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
00.10m	JDL	Joint displaced large		20_2	0:00:07
05.90m	LLQ	Line of drain/sewer deviates left [quarter]		20_3	0:00:18
07.70m	JDL	Joint displaced large		20_4	0:00:22
20.70m	DER	Settled deposits coarse 100%			0:01:05
20.70m	SA	Survey abandoned			






Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 21

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH07	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.10m	0:00:07	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 20_2 
05.90m	0:00:18	LLQ	Line of drain/sewer deviates left [quarter]	Image Provided - Ref: 20_3 
07.70m	0:00:22	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 20_4 
20.70m	0:01:05	DER	Settled deposits coarse: 100% Cross sectional area loss - Severity 3	
20.70m		SA	Survey abandoned LATC	

Total Defects for section



DRB Grade for Section



**Site: Gawber Road , Barnsley**

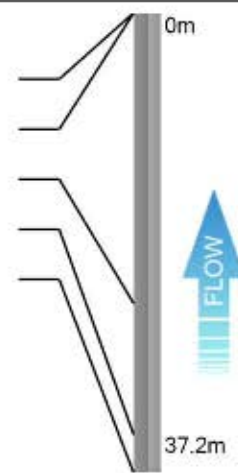
**Section 22**

Client: <b>Mott Macdonald</b>	Location (Street Name): <b>Gawber Road</b>	City/Town/Village <b>Barnsley</b>	Cust Job Ref.	Surveyors Name: <b>Jordan Beckett</b>	Date: <b>28/01/2019</b>
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Start Node Ref: <b>MH08</b>	Finish Node Ref: <b>SA</b>	Direction: <b>U</b>	Height/Dia: <b>300</b>
Start Node Depth: <b>2.95</b>	Finish Node Depth: <b>0.00</b>	Use: <b>S</b>	Shape: <b>C</b>
Start Node Coordinate:	Finish Node Coordinate:	Material: <b>VC</b>	Cleaned <b>N</b>

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
<b>A</b>				<b>D</b>	<b>N</b>	<b>37.2</b>	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
23.50m	CL	Crack, longitudinal 12		21_2	0:00:44
34.10m	CM	Cracks, multiple 12-06		21_3	0:01:31
37.20m	SA	Survey abandoned			



Total Defects for section





DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 22**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH08	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
23.50m	0:00:44	CL	Crack, longitudinal at 12 o'clock - Severity 1	Image Provided - Ref: 21_2 
34.10m	0:01:31	CM	Cracks, multiple from 12 o'clock to 06 o'clock - Severity 2	Image Provided - Ref: 21_3 
37.20m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

Section 23

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH08 3.00	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	SA 0.00	Direction: Use: Material:	D S VC	Height/Dia: Shape: Cleaned	300 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	44.8	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	S1 Water level 10%	S1		0:00:00
12.40m	JDM	Joint displaced medium		22_2	0:00:29
15.10m	JDM	Joint displaced medium		22_3	0:00:33
18.20m	JN	Junction 10 : 100mm Diameter		22_4	0:00:41
24.10m	OB	Other obstacles 30%		22_5	0:00:51
44.80m	SA	Survey abandoned			




Total Defects for section

DRB Grade for Section



Descriptive Report with Remarks and Observation Images

Section 23


Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH08	
00.00m	0:00:00	S1 WL	Water level 0m - 44.8m: 10% Height/Diameter	
12.40m	0:00:29	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 22_2 
15.10m	0:00:33	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 22_3 
18.20m	0:00:41	JN	Junction at 10 o'clock: 100mm Diameter	Image Provided - Ref: 22_4 

Total Defects for section

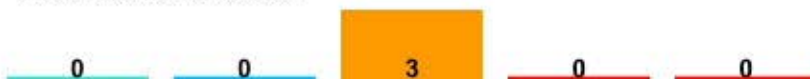


DRB Grade for Section



Pos	Video Ref	Code	Description	Image
24.10m	0:00:51	OB	Other obstacles: 30% Cross sectional area loss - Severity 3	Image Provided - Ref: 22_5 
44.80m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



**Site: Gawber Road , Barnsley**

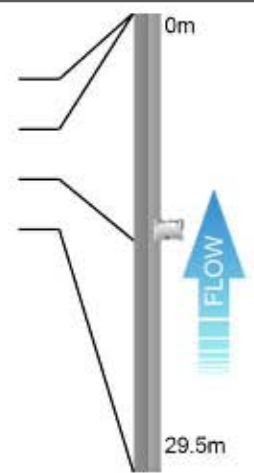
**Section 24**

Client: <b>Mott Macdonald</b>	Location (Street Name): <b>Gawber Road</b>	City/Town/Village <b>Barnsley</b>	Cust Job Ref.	Surveyors Name: <b>Jordan Beckett</b>	Date: <b>28/01/2019</b>
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Start Node Ref: <b>MH08</b>	Finish Node Ref: <b>MH10</b>	Direction: <b>U</b>	Height/Dia: <b>300</b>
Start Node Depth: <b>1.82</b>	Finish Node Depth: <b>0.00</b>	Use: <b>S</b>	Shape: <b>C</b>
Start Node Coordinate:	Finish Node Coordinate:	Material: <b>VC</b>	Cleaned <b>N</b>

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
<b>A</b>				<b>D</b>	<b>N</b>	<b>29.5</b>	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
14.60m	JN	Junction 10 : 100mm Diameter			23_2 0:00:36
29.50m	MHF	Finish node type, manhole			




Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 24**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH08	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
14.60m	0:00:36	JN	Junction at 10 o'clock: 100mm Diameter	Image Provided - Ref: 23_2 
29.50m		MHF	Finish node type, manhole MH10	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

Section 25

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: MH08	Finish Node Ref: LATA	Direction: U	Height/Dia: 100
Start Node Depth: 1.25	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	16.2	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
03.10m	JDL	Joint displaced large			24_2 0:00:19
06.30m	JDM	Joint displaced medium			24_3 0:00:26
16.20m	GYF	Finish node type Gully			24_9




Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 25**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH08	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
03.10m	0:00:19	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 24_2 
06.30m	0:00:26	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 24_3 
16.20m		GYF	Finish node type Gully LATA	Image Provided - Ref: 24_9999 

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

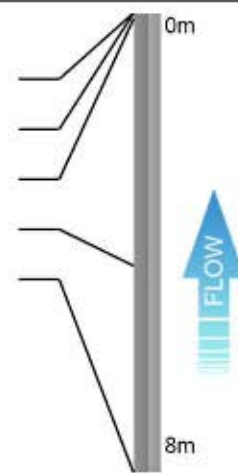
Section 26

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: MH08	Finish Node Ref: LATB	Direction: U	Height/Dia: 100
Start Node Depth: 0.77	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	8	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
00.10m	LRH	Line of drain/sewer deviates right [half]		25_2	0:00:06
04.40m	DER	Settled deposits coarse 90%		25_3	0:00:18
08.00m	GYF	Finish node type Gully		25_9	



Total Defects for section



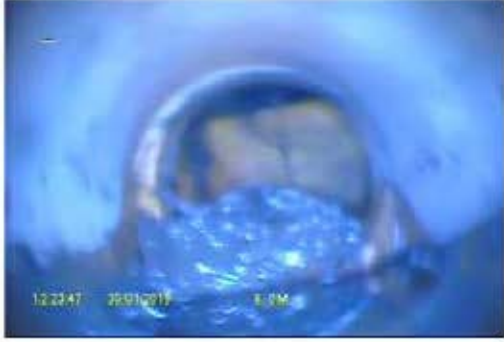


DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 26**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH08	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.10m	0:00:06	LRH	Line of drain/sewer deviates right [half]	Image Provided - Ref: 25_2 
04.40m	0:00:18	DER	Settled deposits coarse: 90% Cross sectional area loss - Severity 3	Image Provided - Ref: 25_3 
08.00m		GYF	Finish node type Gully LATB	Image Provided - Ref: 25_9999 

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

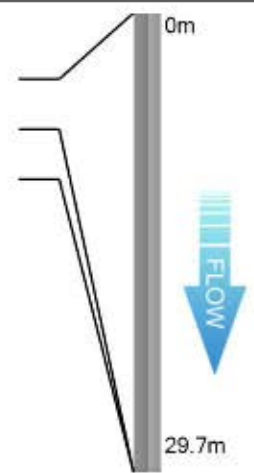
Section 27

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: MH09	Finish Node Ref: MH07	Direction: D	Height/Dia: 300
Start Node Depth: 2.80	Finish Node Depth: 2.35	Use: C	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	29.7	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
29.70m	WL	Water level 10%			0:00:00
29.70m	MHF	Finish node type, manhole		26_9	




Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 27**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH09	
29.70m	0:00:00	WL	Water level: 10% Height/Diameter	
29.70m		MHF	Finish node type, manhole MH07	Image Provided - Ref: 26_9999 

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

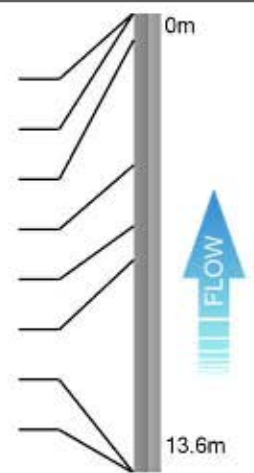
Section 28

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH09 2.59	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	LATA 0.00	Direction: Use: Material:	U F VC	Height/Dia: Shape: Cleaned	225 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	13.6	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
00.80m	LRQ	Line of drain/sewer deviates right [quarter]		27_2	0:00:11
04.50m	JDM	Joint displaced medium		27_3	0:00:19
06.30m	JDL	Joint displaced large		27_4	0:00:22
07.30m	LLQ	Line of drain/sewer deviates left [quarter]		27_5	0:00:48
13.60m	JDL	Joint displaced large		27_6	0:01:03
13.60m	SA	Survey abandoned			



Total Defects for section





DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 28**

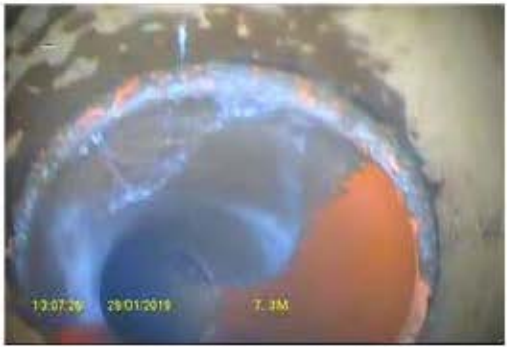

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH09	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.80m	0:00:11	LRQ	Line of drain/sewer deviates right [quarter]	Image Provided - Ref: 27_2 
04.50m	0:00:19	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 27_3 
06.30m	0:00:22	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 27_4 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
07.30m	0:00:48	LLQ	Line of drain/sewer deviates left [quarter]	Image Provided - Ref: 27_5 
13.60m	0:01:03	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 27_6 
13.60m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

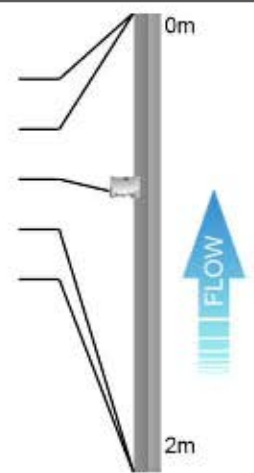
Section 29

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH09 0.88	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	LATC 0.00	Direction: Use: Material:	U S VC	Height/Dia: Shape: Cleaned	100 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	2	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
00.80m	JN	Junction 03 : 100mm Diameter		28_2	0:00:18
02.00m	LDF	Line of drain/sewer deviates down [full]		28_3	0:00:24
02.00m	SA	Survey abandoned			





Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 29**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH09	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.80m	0:00:18	JN	Junction at 03 o'clock: 100mm Diameter	Image Provided - Ref: 28_2 
02.00m	0:00:24	LDF	Line of drain/sewer deviates down [full]	Image Provided - Ref: 28_3 
02.00m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

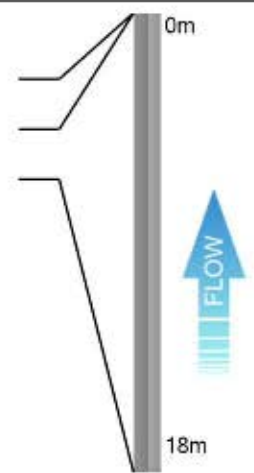
Section 30

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: MH09	Finish Node Ref: MH15	Direction: U	Height/Dia: 300
Start Node Depth: 2.75	Finish Node Depth: 2.60	Use: F	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	18	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	S1 Water level 30%	S1		0:00:00
18.00m	MHF	Finish node type, manhole			



Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 30**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH09	
00.00m	0:00:00	S1 WL	Water level 0m - 18m: 30% Height/Diameter Poor visibility.	
18.00m		MHF	Finish node type, manhole MH15	

Total Defects for section



DRB Grade for Section



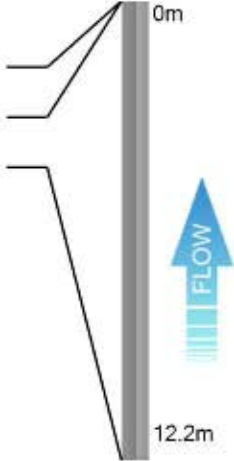
**Site: Gawber Road , Barnsley**

**Section 31**

Client: <b>Mott Macdonald</b>	Location (Street Name): <b>Gawber Road</b>	City/Town/Village <b>Barnsley</b>	Cust Job Ref.	Surveyors Name: <b>Jordan Beckett</b>	Date: <b>28/01/2019</b>
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Start Node Ref: <b>MH11</b>	Finish Node Ref: <b>MH12</b>	Direction: <b>U</b>	Height/Dia: <b>100</b>
Start Node Depth: <b>1.94</b>	Finish Node Depth: <b>2.01</b>	Use: <b>F</b>	Shape: <b>C</b>
Start Node Coordinate:	Finish Node Coordinate:	Material: <b>VC</b>	Cleaned <b>N</b>

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
<b>A</b>				<b>D</b>	<b>N</b>	<b>12.2</b>	<b>LATA</b>

Position	Code	Description	CD	Pic	Video Ref	
00.00m	MH	Start node type, manhole				
00.00m	WL	S1 Water level 5%	S1		0:00:00	
12.20m	MHF	Finish node type, manhole				

Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 31**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH11	
00.00m	0:00:00	S1 WL	Water level 0m - 12.2m: 5% Height/Diameter	
12.20m		MHF	Finish node type, manhole MH12	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

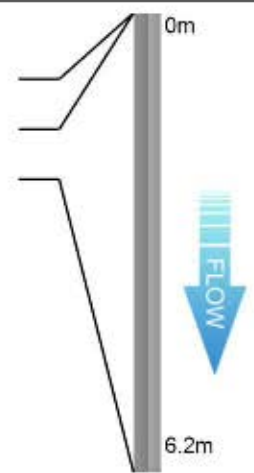
Section 32

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: MH11	Finish Node Ref: MH14	Direction: D	Height/Dia: 225
Start Node Depth: 2.12	Finish Node Depth: 0.00	Use: F	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	6.2	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	S1 Water level 10%	S1		0:00:00
06.20m	MHF	Finish node type, manhole			31_9



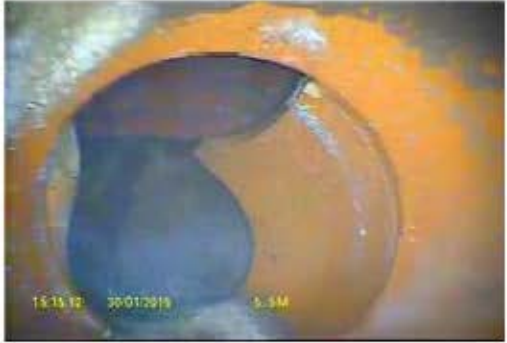
Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 32**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH11	
00.00m	0:00:00	S1 WL	Water level 0m - 6.2m: 10% Height/Diameter	
06.20m		MHF	Finish node type, manhole MH14	Image Provided - Ref: 31_9999 

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

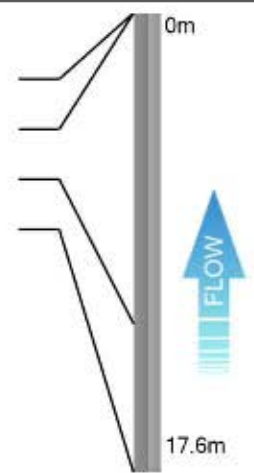
Section 33

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH11 2.11	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	SA 0.00	Direction: Use: Material:	U F VC	Height/Dia: Shape: Cleaned	225 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	17.6	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	S1 Water level 30%	S1		0:00:00
11.90m	JDM	Joint displaced medium			32_2 0:01:29
17.60m	SA	Survey abandoned			32_9



Total Defects for section

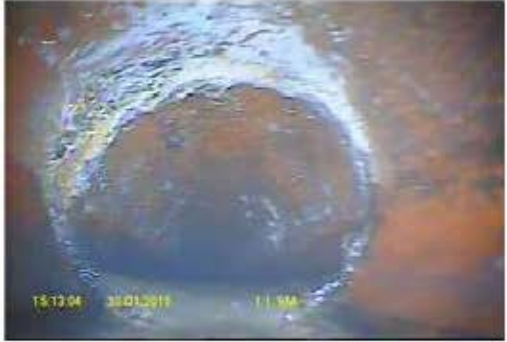



DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 33**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH11	
00.00m	0:00:00	S1 WL	Water level 0m - 17.6m: 30% Height/Diameter	
11.90m	0:01:29	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 32_2 
17.60m		SA	Survey abandoned SA	Image Provided - Ref: 32_9999 

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

Section 34

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH12 2.00	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	SA 0.00	Direction: Use: Material:	U F VC	Height/Dia: Shape: Cleaned	100 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	0.7	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
00.20m	DEG	Attached deposits, grease 03-09 70%		33_2	0:00:08
00.70m	SA	Survey abandoned			


Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 34**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH12	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
00.20m	0:00:08	DEG	Attached deposits, grease from 03 o'clock to 09 o'clock: 70% Cross sectional area loss - Severity 3	Image Provided - Ref: 33_2 
00.70m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

Section 35

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH15 2.34	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	LATA 0.00	Direction: Use: Material:	U F VC	Height/Dia: Shape: Cleaned	150 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	27.7	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
13.60m	JDL	Joint displaced large		34_2	0:00:37
14.80m	JN	Junction 01 : 100mm Diameter		34_3	0:00:41
16.80m	JN	Junction 11 : 11mm Diameter		34_4	0:00:51
27.70m	DER	Settled deposits coarse 60%		34_5	0:01:24
27.70m	JN	Junction 09 : 100mm Diameter		34_6	0:00:00
27.70m	SA	Survey abandoned			

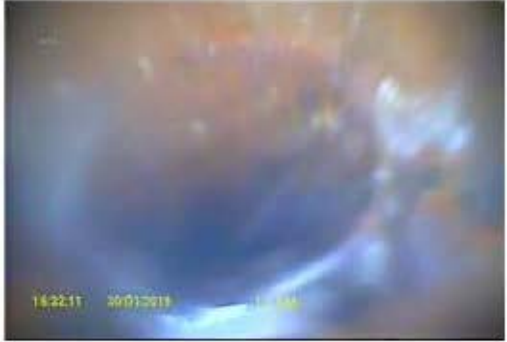
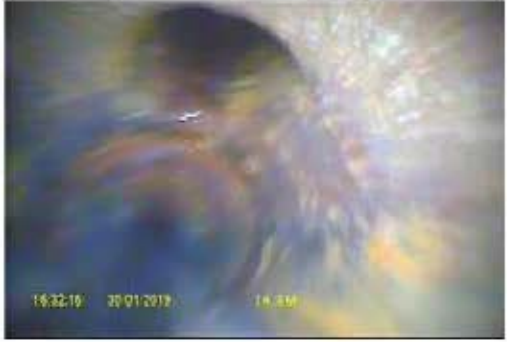
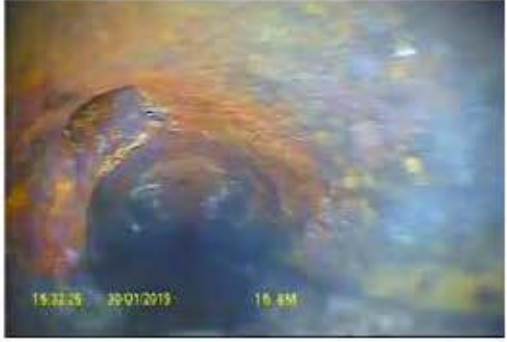
Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 35**



Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH15	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
13.60m	0:00:37	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 34_2 
14.80m	0:00:41	JN	Junction at 01 o'clock: 100mm Diameter	Image Provided - Ref: 34_3 
16.80m	0:00:51	JN	Junction at 11 o'clock: 11mm Diameter	Image Provided - Ref: 34_4 

Total Defects for section



DRB Grade for Section



Pos	Video Ref	Code	Description	Image
27.70m	0:01:24	DER	Settled deposits coarse: 60% Cross sectional area loss - Severity 3	Image Provided - Ref: 34_5 
27.70m	0:00:00	JN	Junction at 09 o'clock: 100mm Diameter	Image Provided - Ref: 34_6 
27.70m		SA	Survey abandoned LATA	

Total Defects for section



DRB Grade for Section



**Site: Gawber Road , Barnsley**

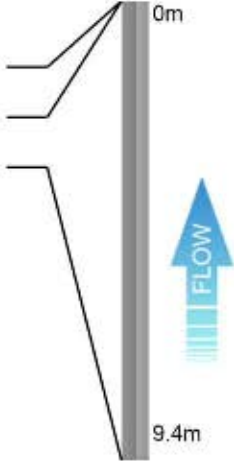
**Section 36**

Client: <b>Mott Macdonald</b>	Location (Street Name): <b>Gawber Road</b>	City/Town/Village <b>Barnsley</b>	Cust Job Ref.	Surveyors Name: <b>Jordan Beckett</b>	Date: <b>28/01/2019</b>
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Start Node Ref: <b>MH15</b>	Finish Node Ref: <b>MH14</b>	Direction: <b>U</b>	Height/Dia: <b>300</b>
Start Node Depth: <b>2.58</b>	Finish Node Depth: <b>0.00</b>	Use: <b>F</b>	Shape: <b>C</b>
Start Node Coordinate:	Finish Node Coordinate:	Material: <b>VC</b>	Cleaned <b>N</b>

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
<b>A</b>				<b>D</b>	<b>N</b>	<b>9.4</b>	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	S1 Water level 20%	S1		0:00:00
09.40m	MHF	Finish node type, manhole			35_9




Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 36**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH15	
00.00m	0:00:00	S1 WL	Water level 0m - 9.4m: 20% Height/Diameter	
09.40m		MHF	Finish node type, manhole MH14	Image Provided - Ref: 35_9999 

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

Section 37

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH15 2.60	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	SA 0.00	Direction: Use: Material:	D F VC	Height/Dia: Shape: Cleaned	300 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	19.6	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
06.50m	CUW	S1 Loss of vision, camera under water	S1	36_2	0:00:26
19.60m	SA	Survey abandoned			


Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 37**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH15	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
06.50m	0:00:26	S1 CUW	Loss of vision, camera under water 6.5m - 19.6m	Image Provided - Ref: 36_2 
19.60m		SA	Survey abandoned SA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

Section 38

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH17 2.25	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	SA 0.00	Direction: Use: Material:	U F VC	Height/Dia: Shape: Cleaned	225 C N
--	--------------	---	------------	---------------------------------	--------------	----------------------------------	---------------

Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	30.5	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
15.00m	JDM	Joint displaced medium			37_2 0:00:49
30.50m	MHF	Finish node type, manhole			

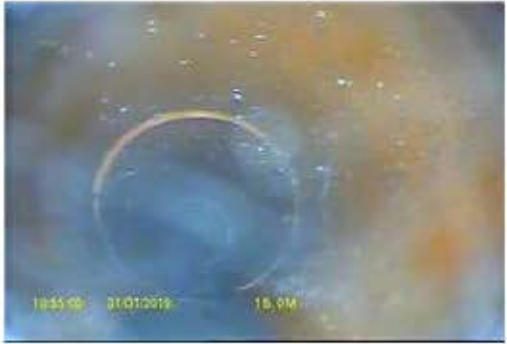
Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 38**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH17	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
15.00m	0:00:49	JDM	Joint displaced medium - Severity 3	Image Provided - Ref: 37_2 
30.50m		MHF	Finish node type, manhole SA	

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

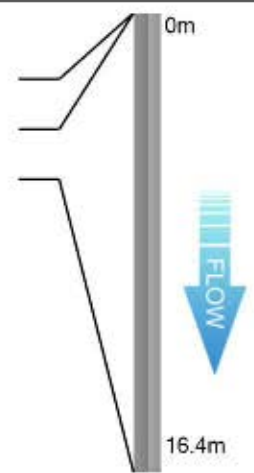
Section 39

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: MH17	Finish Node Ref: MH14	Direction: D	Height/Dia: 225
Start Node Depth: 2.27	Finish Node Depth: 0.00	Use: F	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	16.4	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
16.40m	MHF	Finish node type, manhole			38_9




Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 39**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH17	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
16.40m		MHF	Finish node type, manhole MH14	Image Provided - Ref: 38_9999 

Total Defects for section



DRB Grade for Section



Site: Gawber Road , Barnsley

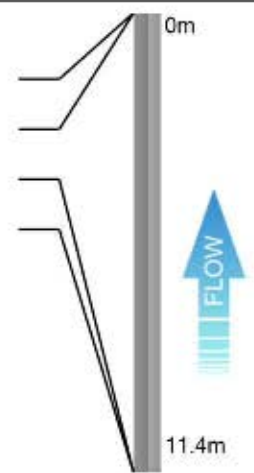
Section 40

Client: Mott Macdonald	Location (Street Name): Gawber Road	City/Town/Village Barnsley	Cust Job Ref.	Surveyors Name: Jordan Beckett	Date: 28/01/2019
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Start Node Ref: Start Node Depth: Start Node Coordinate:	MH17 2.13	Finish Node Ref: Finish Node Depth: Finish Node Coordinate:	LATA 0.00	Direction: Use: Material:	U F VC	Height/Dia: Shape: Cleaned	150 C N
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Drain Type	Lining Type	Lining Mat.	Year Const.	Weather	Flow Cont.	Length	Remarks
A				D	N	11.4	

Position	Code	Description	CD	Pic	Video Ref
00.00m	MH	Start node type, manhole			
00.00m	WL	Water level 0%			0:00:00
11.40m	JDL	Joint displaced large			39_2 0:00:23
11.40m	SA	Survey abandoned			




Total Defects for section

DRB Grade for Section



**Descriptive Report with Remarks and Observation Images**

**Section 40**

Pos	Video Ref	Code	Description	Image
00.00m		MH	Start node type, manhole MH17	
00.00m	0:00:00	WL	Water level: 0% Height/Diameter	
11.40m	0:00:23	JDL	Joint displaced large - Severity 4	Image Provided - Ref: 39_2 
11.40m		SA	Survey abandoned LATA	



# 1ST HORIZON

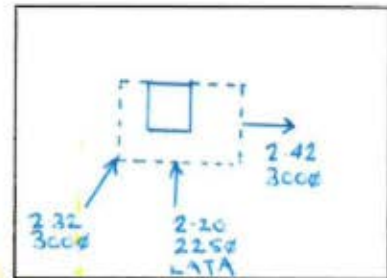
## Daily inspection sheet.

PROJECT NAME	Burnside Hospital	SURVEY DATE	28/01/19	CLIENT	MM	SURVEYED BY	JB
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MH No	01								
COVER SHAPE	Square	/	Rectangle		Triangle		Circle		Other
COVER DUTY	Light		Medium		Heavy	/			
CONSTRUCTION	Concrete		Brick	/	Plastic				
FUNCTION AT OUTFALL	Surface		Foul	/	Combined				

### NOTES

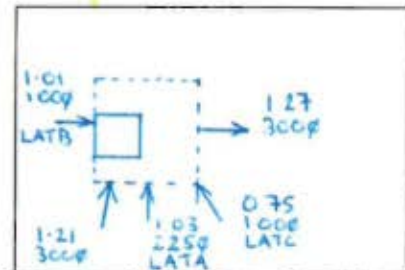
Depth of cover = 0.46m  
Frame changed



MH No	02								
COVER SHAPE	Square	/	Rectangle		Triangle		Circle		Other
COVER DUTY	Light		Medium		Heavy	/			
CONSTRUCTION	Concrete		Brick	/	Plastic				
FUNCTION AT OUTFALL	Surface	/	Foul		Combined				

### NOTES

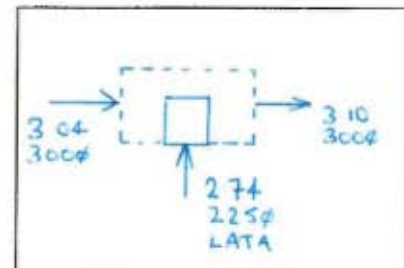
Depth of cover = 0.36m



MH No	03								
COVER SHAPE	Square	/	Rectangle		Triangle		Circle		Other
COVER DUTY	Light		Medium		Heavy	/			
CONSTRUCTION	Concrete		Brick	/	Plastic				
FUNCTION AT OUTFALL	Surface		Foul	/	Combined				

### NOTES

Depth of cover = 0.40m





# 1ST HORIZON

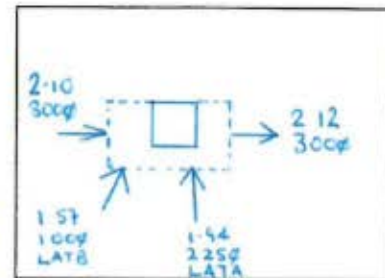
## Daily inspection sheet.

PROJECT NAME	Bumhey Hospital	SURVEY DATE	28/01/19	CLIENT	MM	SURVEYED BY	JB
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MH No	04									
COVER SHAPE	Square	<input checked="" type="checkbox"/>	Rectangle	<input type="checkbox"/>	Triangle	<input type="checkbox"/>	Circle	<input type="checkbox"/>	Other	<input type="checkbox"/>
COVER DUTY	Light	<input type="checkbox"/>	Medium	<input type="checkbox"/>	Heavy	<input checked="" type="checkbox"/>				
CONSTRUCTION	Concrete	<input type="checkbox"/>	Brick	<input checked="" type="checkbox"/>	Plastic	<input type="checkbox"/>				
FUNCTION AT OUTFALL	Surface	<input checked="" type="checkbox"/>	Foul	<input type="checkbox"/>	Combined	<input type="checkbox"/>				

### NOTES

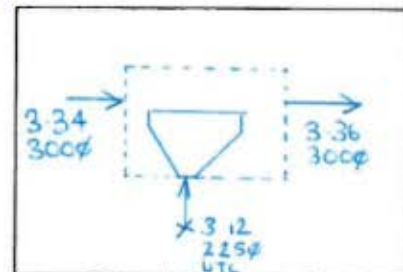
Depth of cover = 0.50m



MH No	05									
COVER SHAPE	Square	<input type="checkbox"/>	Rectangle	<input type="checkbox"/>	Triangle	<input checked="" type="checkbox"/>	Circle	<input type="checkbox"/>	Other	<input type="checkbox"/>
COVER DUTY	Light	<input type="checkbox"/>	Medium	<input type="checkbox"/>	Heavy	<input checked="" type="checkbox"/>				
CONSTRUCTION	Concrete	<input type="checkbox"/>	Brick	<input checked="" type="checkbox"/>	Plastic	<input type="checkbox"/>				
FUNCTION AT OUTFALL	Surface	<input type="checkbox"/>	Foul	<input checked="" type="checkbox"/>	Combined	<input type="checkbox"/>				

### NOTES

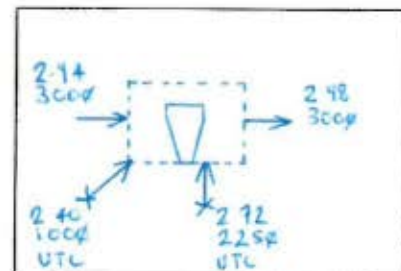
Depth of cover = 1.72m  
Unable to Camera  
Man Access Required



MH No	06									
COVER SHAPE	Square	<input type="checkbox"/>	Rectangle	<input type="checkbox"/>	Triangle	<input checked="" type="checkbox"/>	Circle	<input type="checkbox"/>	Other	<input type="checkbox"/>
COVER DUTY	Light	<input type="checkbox"/>	Medium	<input type="checkbox"/>	Heavy	<input checked="" type="checkbox"/>				
CONSTRUCTION	Concrete	<input type="checkbox"/>	Brick	<input checked="" type="checkbox"/>	Plastic	<input type="checkbox"/>				
FUNCTION AT OUTFALL	Surface	<input checked="" type="checkbox"/>	Foul	<input type="checkbox"/>	Combined	<input type="checkbox"/>				

### NOTES

Depth of cover = 1.35m  
Man Access Required  
Unable to Camera





# 1ST HORIZON

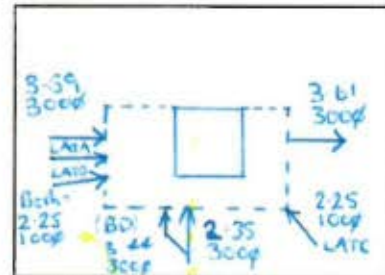
## Daily inspection sheet.

PROJECT NAME	Bourasat Hospital	SURVEY DATE	28/01/19	CLIENT	MM	SURVEYED BY	JB
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MH No	07									
COVER SHAPE	Square		Rectangle	<input checked="" type="checkbox"/>	Triangle		Circle		Other	
COVER DUTY	Light		Medium		Heavy	<input checked="" type="checkbox"/>				
CONSTRUCTION	Concrete		Brick	<input checked="" type="checkbox"/>	Plastic					
FUNCTION AT OUTFALL	Surface		Foul	<input checked="" type="checkbox"/>	Combined					

### NOTES

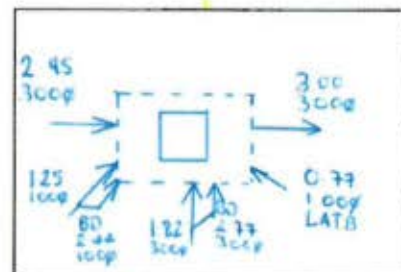
Depth of cover = 1.55m  
Back Drop (BD)



MH No	08									
COVER SHAPE	Square		Rectangle	<input checked="" type="checkbox"/>	Triangle		Circle		Other	
COVER DUTY	Light		Medium		Heavy	<input checked="" type="checkbox"/>				
CONSTRUCTION	Concrete		Brick	<input checked="" type="checkbox"/>	Plastic					
FUNCTION AT OUTFALL	Surface	<input checked="" type="checkbox"/>	Foul		Combined					

### NOTES

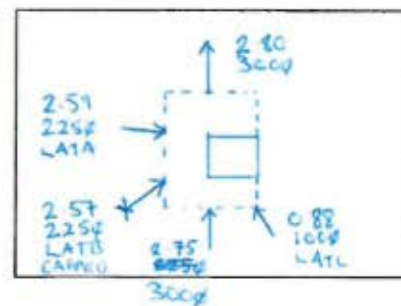
Depth of cover = 0.99m



MH No	09									
COVER SHAPE	Square		Rectangle	<input checked="" type="checkbox"/>	Triangle		Circle		Other	
COVER DUTY	Light		Medium		Heavy	<input checked="" type="checkbox"/>				
CONSTRUCTION	Concrete		Brick	<input checked="" type="checkbox"/>	Plastic					
FUNCTION AT OUTFALL	Surface		Foul	<input checked="" type="checkbox"/>	Combined					

### NOTES

Depth of cover = 1.22m





1ST HORIZON

### Daily inspection sheet.

PROJECT NAME	Burghley Hospital	SURVEY DATE	29/01/19	CLIENT	MM	SURVEYED BY	JB
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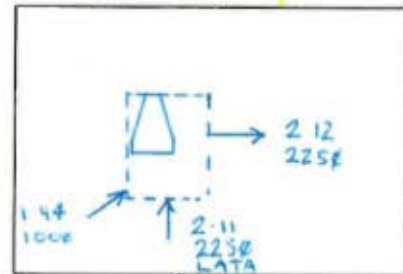
MH No	10							
COVER SHAPE	Square		Rectangle	/	Triangle		Circle	Other
COVER DUTY	Light		Medium		Heavy	/		
CONSTRUCTION	Concrete		Brick		Plastic			
FUNCTION AT OUTFALL	Surface		Foul	/	Combined			



**NOTES**

Unable to lift, Risk of Damage.

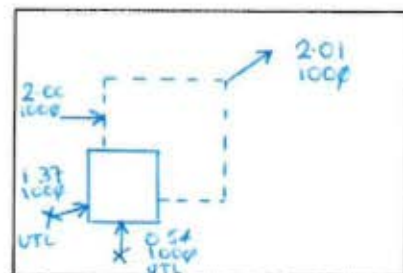
MH No	11							
COVER SHAPE	Square		Rectangle	/	Triangle	/	Circle	Other
COVER DUTY	Light		Medium		Heavy	/		
CONSTRUCTION	Concrete		Brick	/	Plastic			
FUNCTION AT OUTFALL	Surface		Foul	/	Combined			



**NOTES**

Depth of cover = 0.34m

MH No	12							
COVER SHAPE	Square	/	Rectangle		Triangle		Circle	Other
COVER DUTY	Light	/	Medium		Heavy			
CONSTRUCTION	Concrete		Brick	/	Plastic			
FUNCTION AT OUTFALL	Surface		Foul	/	Combined			



**NOTES**

Depth of cover = 0.31m

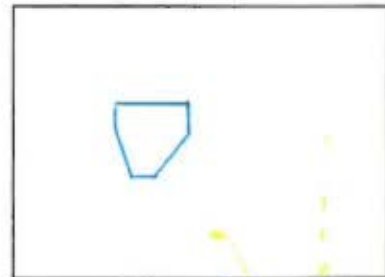


1ST HORIZON

Daily inspection sheet.

PROJECT NAME	Burnley Hospitals	SURVEY DATE	24/6/19	CLIENT	MM	SURVEYED BY	JB
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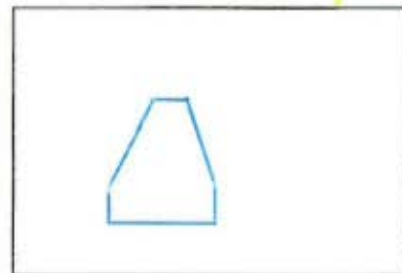
MH No	13						
COVER SHAPE	Square	Rectangle	Triangle	<input checked="" type="checkbox"/>	Circle	Other	
COVER DUTY	Light	Medium	Heavy	<input checked="" type="checkbox"/>			
CONSTRUCTION	Concrete	Brick	Plastic				
FUNCTION AT OUTFALL	Surface	Foul	Combined				



NOTES

Unable to lift due to risk of damage

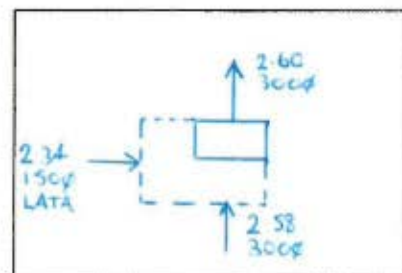
MH No	14						
COVER SHAPE	Square	Rectangle	Triangle	<input checked="" type="checkbox"/>	Circle	Other	
COVER DUTY	Light	Medium	Heavy	<input checked="" type="checkbox"/>			
CONSTRUCTION	Concrete	Brick	Plastic				
FUNCTION AT OUTFALL	Surface	Foul	Combined	<input checked="" type="checkbox"/>			



NOTES

Unable to lift due to risk of damage

MH No	15						
COVER SHAPE	Square	Rectangle	<input checked="" type="checkbox"/>	Triangle	Circle	Other	
COVER DUTY	Light	Medium	Heavy	<input checked="" type="checkbox"/>			
CONSTRUCTION	Concrete	Brick	Plastic				
FUNCTION AT OUTFALL	Surface	Foul	Combined	<input checked="" type="checkbox"/>			



NOTES

Depth of cover = 0.43m

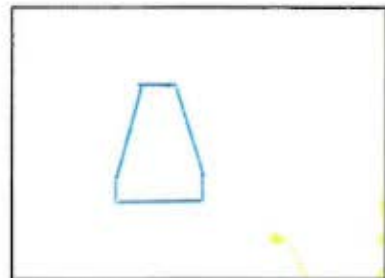


1ST HORIZON

Daily inspection sheet.

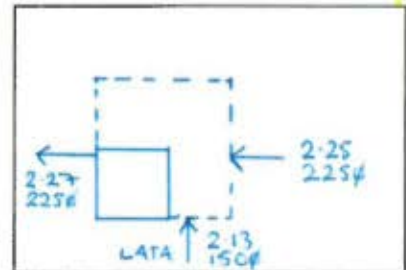
PROJECT NAME	Plumtree Hospital	SURVEY DATE	29/01/14	CLIENT	MM	SURVEYED BY	JB
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MH No	16						
COVER SHAPE	Square		Rectangle		Triangle	/	Circle
COVER DUTY	Light		Medium		Heavy	/	Other
CONSTRUCTION	Concrete		Brick		Plastic		
FUNCTION AT OUTFALL	Surface	/	Foul		Combined		



NOTES  
Unable to lift due to risk of damage.

MH No	17						
COVER SHAPE	Square	/	Rectangle		Triangle		Circle
COVER DUTY	Light	/	Medium		Heavy		Other
CONSTRUCTION	Concrete		Brick	/	Plastic		
FUNCTION AT OUTFALL	Surface		Foul	/	Combined		



NOTES  
Depth of cover = 0.4m

MH No							
COVER SHAPE	Square		Rectangle		Triangle		Circle
COVER DUTY	Light		Medium		Heavy		Other
CONSTRUCTION	Concrete		Brick		Plastic		
FUNCTION AT OUTFALL	Surface		Foul		Combined		



NOTES



# 1ST HORIZON

## Daily Remarks sheet.

PROJECT NAME	Burnsley Hospital	SURVEY DATE	28/01/19	CLIENT	MM	SURVEYED BY	JB
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Manhole		Sewer Diameter (mm)	Material	Recorded Meterage	Upstream	Downstream	Survey Abandoned	Remarks
Start	Finish							
MHO1	SA	300	VC	26.4m	✓		✓	
MHO1	SA	225	VC	84.8m	✓		✓	
MHO1	SA	300	VC	22.7m		✓	✓	
MHO2	SA	300	VC	25.1m	✓		✓	
MHO2	SA	300	VC	35.9m		✓	✓	
MHO2	SA	225	VC	16.2m	✓		✓	LATA
MHO2	Gully	100	VC	14.4m	✓		✓	LATB
MHO2	Gully	100	VC	5.2m	✓		✓	LATC
MHO3	SA	300	VC	22.8m	✓		✓	
MHO3	SA	225	VC	32.8m	✓		✓	LATA
MHO3	SA	300	VC	46m		✓	✓	
MHO4	SA	300	VC	23.3m	✓		✓	
MHO4	SA	300	VC	24.5m		✓	✓	
MHO4	Building	225	VC	16.9m	✓		✓	LATA
MHO4	SA	100	VC	3.7m	✓		✓	LATB (Gully)
MHO6	SA	300	VC	24.1m	✓		✓	
MHO6	SA	300	VC	27.3m		✓	✓	
MHO7	SA	300	VC	62.2m		✓	✓	
MHO7	SA	100	VC	11.4m	✓		✓	LATA
MHO7	SA	100	VC	9.1m	✓		✓	LATB
MHO7	SA	100	VC	20.7m	✓		✓	LATC
MHO8	SA	300	VC	37.2m	✓		✓	

TOTAL 542.6m

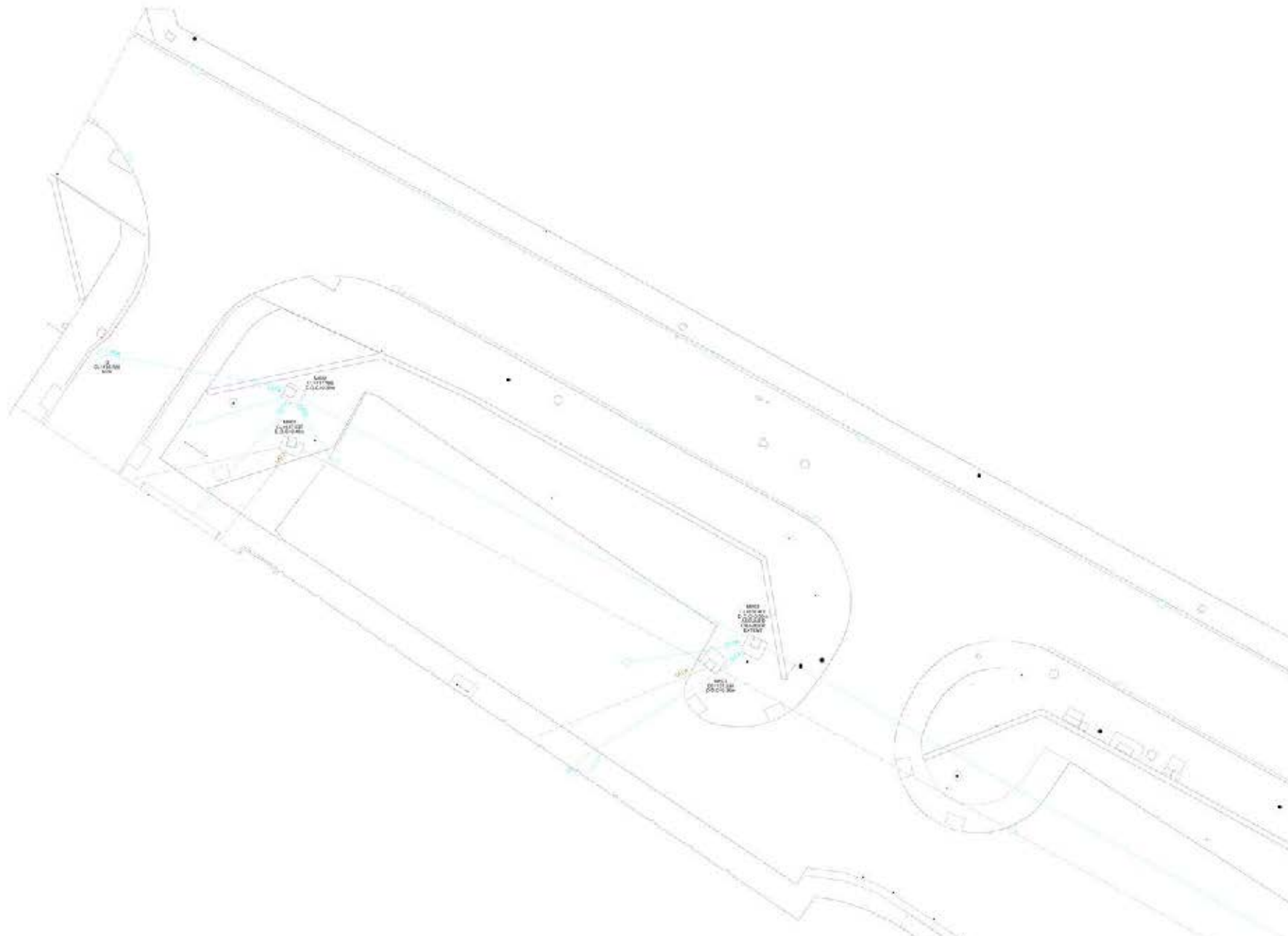
Down Time

Meterage Checked

Reason for down time:

Additional comments:





Sheet Layout

01



Topographic Abbreviations

1.00	1.01	1.02	1.03	1.04	1.05	1.06	1.07	1.08	1.09	1.10	1.11	1.12	1.13	1.14	1.15	1.16	1.17	1.18	1.19	1.20	1.21	1.22	1.23	1.24	1.25	1.26	1.27	1.28	1.29	1.30	1.31	1.32	1.33	1.34	1.35	1.36	1.37	1.38	1.39	1.40	1.41	1.42	1.43	1.44	1.45	1.46	1.47	1.48	1.49	1.50	1.51	1.52	1.53	1.54	1.55	1.56	1.57	1.58	1.59	1.60	1.61	1.62	1.63	1.64	1.65	1.66	1.67	1.68	1.69	1.70	1.71	1.72	1.73	1.74	1.75	1.76	1.77	1.78	1.79	1.80	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.90	1.91	1.92	1.93	1.94	1.95	1.96	1.97	1.98	1.99	2.00	2.01	2.02	2.03	2.04	2.05	2.06	2.07	2.08	2.09	2.10	2.11	2.12	2.13	2.14	2.15	2.16	2.17	2.18	2.19	2.20	2.21	2.22	2.23	2.24	2.25	2.26	2.27	2.28	2.29	2.30	2.31	2.32	2.33	2.34	2.35	2.36	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.44	2.45	2.46	2.47	2.48	2.49	2.50	2.51	2.52	2.53	2.54	2.55	2.56	2.57	2.58	2.59	2.60	2.61	2.62	2.63	2.64	2.65	2.66	2.67	2.68	2.69	2.70	2.71	2.72	2.73	2.74	2.75	2.76	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.84	2.85	2.86	2.87	2.88	2.89	2.90	2.91	2.92	2.93	2.94	2.95	2.96	2.97	2.98	2.99	3.00	3.01	3.02	3.03	3.04	3.05	3.06	3.07	3.08	3.09	3.10	3.11	3.12	3.13	3.14	3.15	3.16	3.17	3.18	3.19	3.20	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.48	3.49	3.50	3.51	3.52	3.53	3.54	3.55	3.56	3.57	3.58	3.59	3.60	3.61	3.62	3.63	3.64	3.65	3.66	3.67	3.68	3.69	3.70	3.71	3.72	3.73	3.74	3.75	3.76	3.77	3.78	3.79	3.80	3.81	3.82	3.83	3.84	3.85	3.86	3.87	3.88	3.89	3.90	3.91	3.92	3.93	3.94	3.95	3.96	3.97	3.98	3.99	4.00	4.01	4.02	4.03	4.04	4.05	4.06	4.07	4.08	4.09	4.10	4.11	4.12	4.13	4.14	4.15	4.16	4.17	4.18	4.19	4.20	4.21	4.22	4.23	4.24	4.25	4.26	4.27	4.28	4.29	4.30	4.31	4.32	4.33	4.34	4.35	4.36	4.37	4.38	4.39	4.40	4.41	4.42	4.43	4.44	4.45	4.46	4.47	4.48	4.49	4.50	4.51	4.52	4.53	4.54	4.55	4.56	4.57	4.58	4.59	4.60	4.61	4.62	4.63	4.64	4.65	4.66	4.67	4.68	4.69	4.70	4.71	4.72	4.73	4.74	4.75	4.76	4.77	4.78	4.79	4.80	4.81	4.82	4.83	4.84	4.85	4.86	4.87	4.88	4.89	4.90	4.91	4.92	4.93	4.94	4.95	4.96	4.97	4.98	4.99	5.00	5.01	5.02	5.03	5.04	5.05	5.06	5.07	5.08	5.09	5.10	5.11	5.12	5.13	5.14	5.15	5.16	5.17	5.18	5.19	5.20	5.21	5.22	5.23	5.24	5.25	5.26	5.27	5.28	5.29	5.30	5.31	5.32	5.33	5.34	5.35	5.36	5.37	5.38	5.39	5.40	5.41	5.42	5.43	5.44	5.45	5.46	5.47	5.48	5.49	5.50	5.51	5.52	5.53	5.54	5.55	5.56	5.57	5.58	5.59	5.60	5.61	5.62	5.63	5.64	5.65	5.66	5.67	5.68	5.69	5.70	5.71	5.72	5.73	5.74	5.75	5.76	5.77	5.78	5.79	5.80	5.81	5.82	5.83	5.84	5.85	5.86	5.87	5.88	5.89	5.90	5.91	5.92	5.93	5.94	5.95	5.96	5.97	5.98	5.99	6.00	6.01	6.02	6.03	6.04	6.05	6.06	6.07	6.08	6.09	6.10	6.11	6.12	6.13	6.14	6.15	6.16	6.17	6.18	6.19	6.20	6.21	6.22	6.23	6.24	6.25	6.26	6.27	6.28	6.29	6.30	6.31	6.32	6.33	6.34	6.35	6.36	6.37	6.38	6.39	6.40	6.41	6.42	6.43	6.44	6.45	6.46	6.47	6.48	6.49	6.50	6.51	6.52	6.53	6.54	6.55	6.56	6.57	6.58	6.59	6.60	6.61	6.62	6.63	6.64	6.65	6.66	6.67	6.68	6.69	6.70	6.71	6.72	6.73	6.74	6.75	6.76	6.77	6.78	6.79	6.80	6.81	6.82	6.83	6.84	6.85	6.86	6.87	6.88	6.89	6.90	6.91	6.92	6.93	6.94	6.95	6.96	6.97	6.98	6.99	7.00	7.01	7.02	7.03	7.04	7.05	7.06	7.07	7.08	7.09	7.10	7.11	7.12	7.13	7.14	7.15	7.16	7.17	7.18	7.19	7.20	7.21	7.22	7.23	7.24	7.25	7.26	7.27	7.28	7.29	7.30	7.31	7.32	7.33	7.34	7.35	7.36	7.37	7.38	7.39	7.40	7.41	7.42	7.43	7.44	7.45	7.46	7.47	7.48	7.49	7.50	7.51	7.52	7.53	7.54	7.55	7.56	7.57	7.58	7.59	7.60	7.61	7.62	7.63	7.64	7.65	7.66	7.67	7.68	7.69	7.70	7.71	7.72	7.73	7.74	7.75	7.76	7.77	7.78	7.79	7.80	7.81	7.82	7.83	7.84	7.85	7.86	7.87	7.88	7.89	7.90	7.91	7.92	7.93	7.94	7.95	7.96	7.97	7.98	7.99	8.00	8.01	8.02	8.03	8.04	8.05	8.06	8.07	8.08	8.09	8.10	8.11	8.12	8.13	8.14	8.15	8.16	8.17	8.18	8.19	8.20	8.21	8.22	8.23	8.24	8.25	8.26	8.27	8.28	8.29	8.30	8.31	8.32	8.33	8.34	8.35	8.36	8.37	8.38	8.39	8.40	8.41	8.42	8.43	8.44	8.45	8.46	8.47	8.48	8.49	8.50	8.51	8.52	8.53	8.54	8.55	8.56	8.57	8.58	8.59	8.60	8.61	8.62	8.63	8.64	8.65	8.66	8.67	8.68	8.69	8.70	8.71	8.72	8.73	8.74	8.75	8.76	8.77	8.78	8.79	8.80	8.81	8.82	8.83	8.84	8.85	8.86	8.87	8.88	8.89	8.90	8.91	8.92	8.93	8.94	8.95	8.96	8.97	8.98	8.99	9.00	9.01	9.02	9.03	9.04	9.05	9.06	9.07	9.08	9.09	9.10	9.11	9.12	9.13	9.14	9.15	9.16	9.17	9.18	9.19	9.20	9.21	9.22	9.23	9.24	9.25	9.26	9.27	9.28	9.29	9.30	9.31	9.32	9.33	9.34	9.35	9.36	9.37	9.38	9.39	9.40	9.41	9.42	9.43	9.44	9.45	9.46	9.47	9.48	9.49	9.50	9.51	9.52	9.53	9.54	9.55	9.56	9.57	9.58	9.59	9.60	9.61	9.62	9.63	9.64	9.65	9.66	9.67	9.68	9.69	9.70	9.71	9.72	9.73	9.74	9.75	9.76	9.77	9.78	9.79	9.80	9.81	9.82	9.83	9.84	9.85	9.86	9.87	9.88	9.89	9.90	9.91	9.92	9.93	9.94	9.95	9.96	9.97	9.98	9.99	10.00	10.01	10.02	10.03	10.04	10.05	10.06	10.07	10.08	10.09	10.10	10.11	10.12	10.13	10.14	10.15	10.16	10.17	10.18	10.19	10.20	10.21	10.22	10.23	10.24	10.25	10.26	10.27	10.28	10.29	10.30	10.31	10.32	10.33	10.34	10.35	10.36	10.37	10.38	10.39	10.40	10.41	10.42	10.43	10.44	10.45	10.46	10.47	10.48	10.49	10.50	10.51	10.52	10.53	10.54	10.55	10.56	10.57	10.58	10.59	10.60	10.61	10.62	10.63	10.64	10.65	10.66	10.67	10.68	10.69	10.70	10.71	10.72	10.73	10.74	10.75	10.76	10.77	10.78	10.79	10.80	10.81	10.82	10.83	10.84	10.85	10.86	10.87	10.88	10.89	10.90	10.91	10.92	10.93	10.94	10.95	10.96	10.97	10.98	10.99	11.00	11.01	11.02	11.03	11.04	11.05	11.06	11.07	11.08	11.09	11.10	11.11	11.12	11.13	11.14	11.15	11.16	11.17	11.18	11.19	11.20	11.21	11.22	11.23	11.24	11.25	11.26	11.27	11.28	11.29	11.30	11.31	11.32	11.33	11.34	11.35	11.36	11.37	11.38	11.39	11.40	11.41	11.42	11.43	11.44	11.45	11.46	11.47	11.48	11.49	11.50	11.51	11.52	11.53	11.54	11.55	11.56	11.57	11.58	11.59	11.60	11.61	11.62	11.63	11.64	11.65	11.66	11.67	11.68	11.69	11.70	11.71	11.72	11.73	11.74	11.75	11.76	11.77	11.78	11.79	11.80	11.81	11.82	11.83	11.84	11.85	11.86	11.87	11.88	11.89	11.90	11.91	11.92	11.93	11.94	11.95	11.96	11.97	11.98	11.99	12.00	12.01	12.02	12.03	12.04	12.05	12.06	12.07	12.08	12.09	12.10	12.11	12.12	12.13	12.14	12.15	12.16	12.17	12.18	12.19	12.20	12.21	12.22	12.23	12.24	12.25	12.26	12.27	12.28	12.29	12.30	12.31	12.32	12.33	12.34	12.35	12.36	12.37	12.38	12.39	12.40	12.41	12.42	12.43	12.44	12.45	12.46	12.47	12.48	12.49	12.50	12.51	12.52	12.53	12.54	12.55	12.56	12.57	12.58	12.59	12.60	12.61	12.62	12.63	12.64	12.65	12.66	12.67	12.68	12.69	12.70	12.71	12.72	12.73	12.74	12.75	12.76	12.77	12.78	1
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