APPENDIX D
Drainage CCTV Survey

Storm Drainage Survey Report

(New Works)

Project Name: ALDI Superstore. Worthing Road, Horsham.RH12 1AL

Report Date: 24/10/2024

Eko Construction

George Street- West Bromwich -West Midlands -B70 6NH

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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
12	**2024-10-21**	**ALDI HORSHAM**	**Rain**	
Operator:			Cleaned:	
KARAN			**yes**	

Place:		Direction:	Upstream	Start ref:	SW.02
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	ACO
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	150mm		
Purpose:	Post completion Inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.02)



35.18m (ACO)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.02	00:00:02	(1)
0.92m		JN	Junction from 1 O'Clock diameter: 150 mm	00:00:14	(2)
5.24m		JN	Junction from 1 O'Clock diameter: 150 mm	00:00:32	(3)
11.52m		JN	Junction from 12 O'Clock diameter: 150 mm	00:00:58	(4)
35.18m		GYF	Finish node type, gully reference number: ACO	00:02:17	(5)

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Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
12	**2024-10-21**	**ALDI HORSHAM**	**Rain**	
Operator:			Cleaned:	
KARAN			**yes**	



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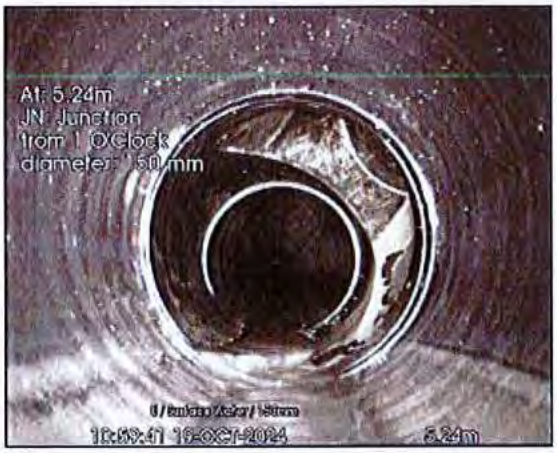

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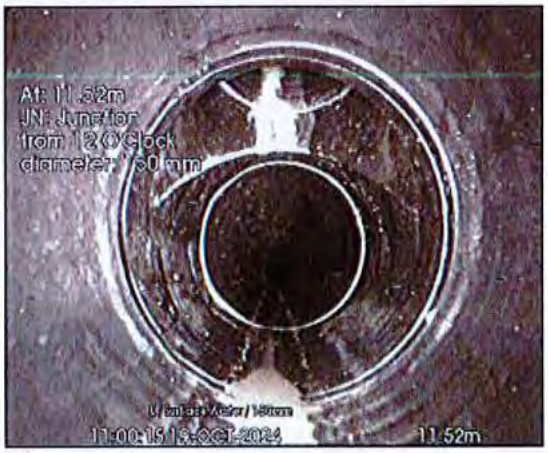

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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	**EKO Construction** **George street** **West Bromwich** **West midlands** **B70 6NH**

Section:	Date:	Job Number:	Weather:	PLR:
14	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	

Place:		Direction:	Upstream	Start ref:	SW.02
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	PSW
		Pipe Length:		End depth:	
Use:	Surface Water		Pipe Shape:	circular	
Year Laid:	2024		Width / Height:	150mm	
Purpose:	Post completion inspection of new sewers		Flow Control:		
Lining:			Pipe Material:	polyvinyl chloride	
Comments:					

0.00m (SW.02)



6.59m (PSW)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.02	00:00:03	(1)
6.59m		GYF	Finish node type, gully reference number: PSW PERFORATED DRAIN	00:00:42	(2)

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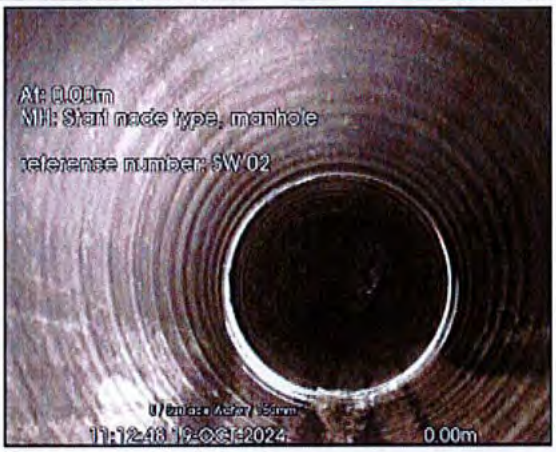
Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
14	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator: **KARAN**			Cleaned: **yes**	



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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	**EKO Construction** **George street** **West Bromwich** **West midlands** **B70 6NH**

Section:	Date:	Job Number:	Weather:	PLR:
13	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	

Place:		Direction:	Downstream	Start ref:	SW.02
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	SW.13
		Pipe Length:		End depth:	

Use:	Surface Water	Pipe Shape:	circular
Year Laid:	2024	Width / Height:	150mm
Purpose:	Post completion Inspection of new sewers	Flow Control:	
Lining:		Pipe Material:	polyvinyl chloride

Comments:

0.00m (SW.02)



9.08m (SW.13)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.02	00:00:02	(1)
5.08m		JN	Junction from 10 O'Clock diameter: 150 mm	00:00:19	(2)
9.08m		MHF	Finish node type, manhole reference number: SW.13	00:00:34	(3)

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Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
13	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	



(1)



(2)



(3)

EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH k

Section:	Date:	Job Number:	Weather:	PLR:
21	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator:			Cleaned:	
KARAN			yes	

Place:		Direction:	Upstream	Start ref:	SW.03
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	GULLY
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	225mm		
Purpose:	Post completion inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.03)



0.62m (GULLY)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.03	00:00:01	(1)
0.62m		GYF	Finish node type, gully reference number: GULLY	00:01:07	(2)

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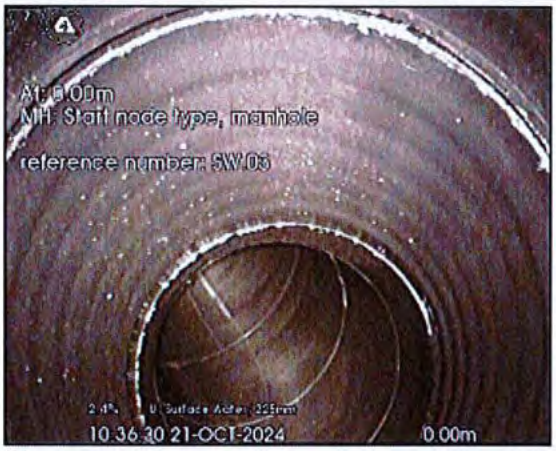
Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
21	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	



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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
20	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator: KARAN			Cleaned: yes	

Place:		Direction:	Downstream	Start ref:	SW.04
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	ATTENUATION TANK
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	225mm		
Purpose:	Post completion inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.04)



Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.04	00:00:03	(1)
0.86m		WL	Water level 15%	00:00:12	(2)
2.37m		WL	Water level 40%	00:00:26	(3)
3.91m		WL	Water level 60%	00:00:48	(4)
4.48m		SA	Survey abandoned FULL OF WATER	00:00:57	(5)

4.48m (ATTENUATION TANK)

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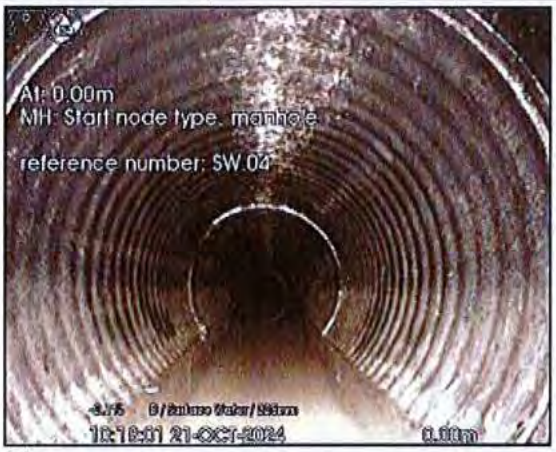
Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
20	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	



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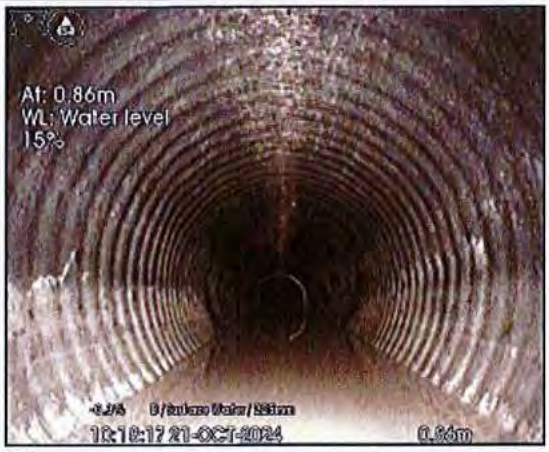

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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
19	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	

Place:		Direction:	Upstream	Start ref:	SW.04
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	SW.03
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	225mm		
Purpose:	Post completion Inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.04)



18.55m (SW.03)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.04	00:00:03	(1)
18.55m		MHF	Finish node type, manhole reference number: SW.03	00:01:33	(2)

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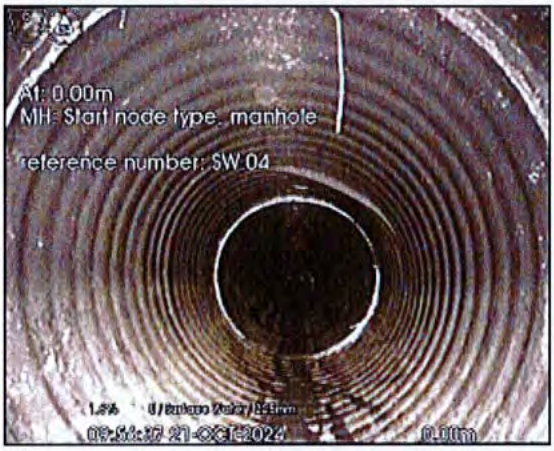
Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
19	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	



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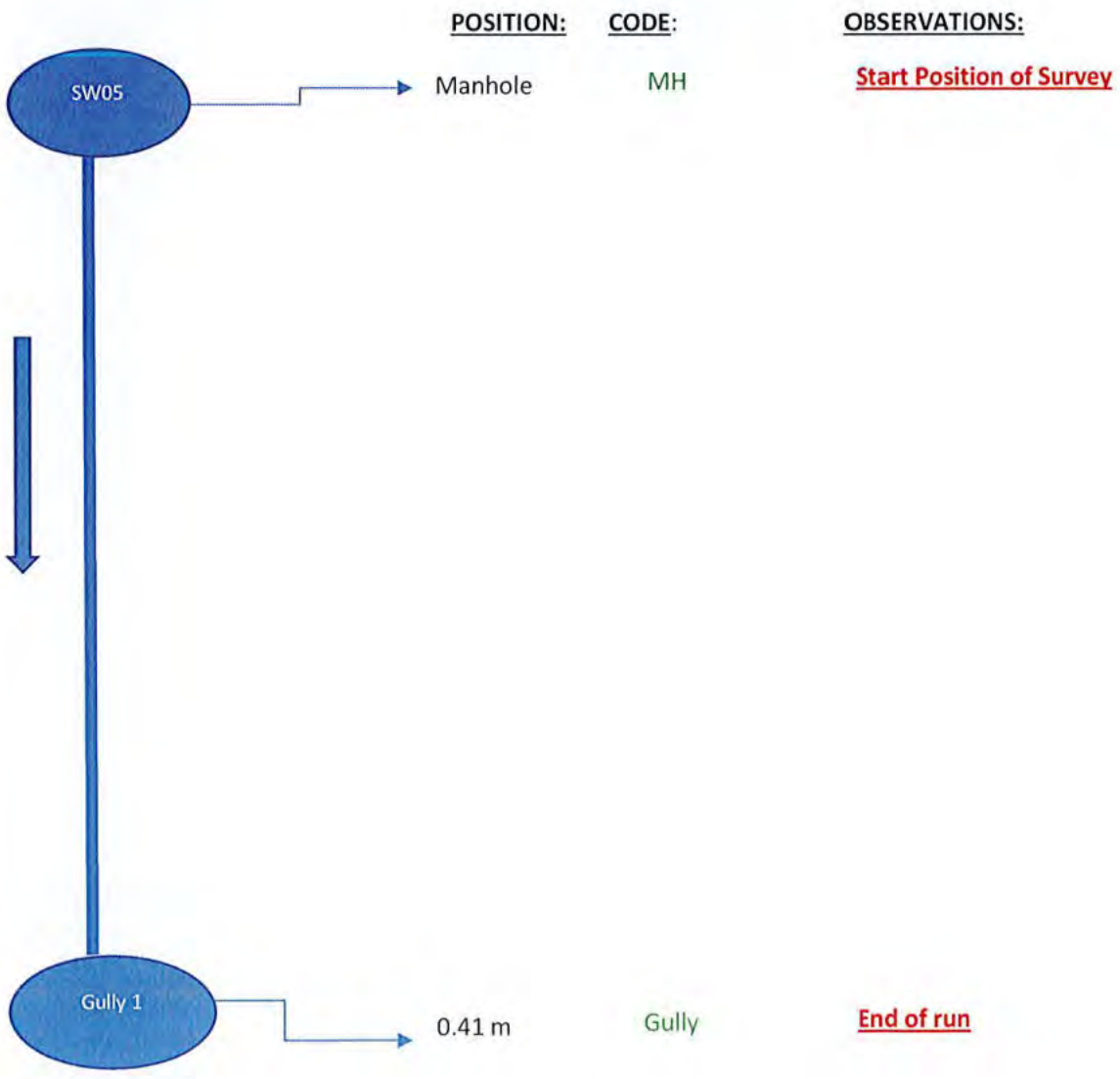
Eko Construction

George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW05 -Gully 1	**Pipe Length :**	0.41 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	Video – 7		

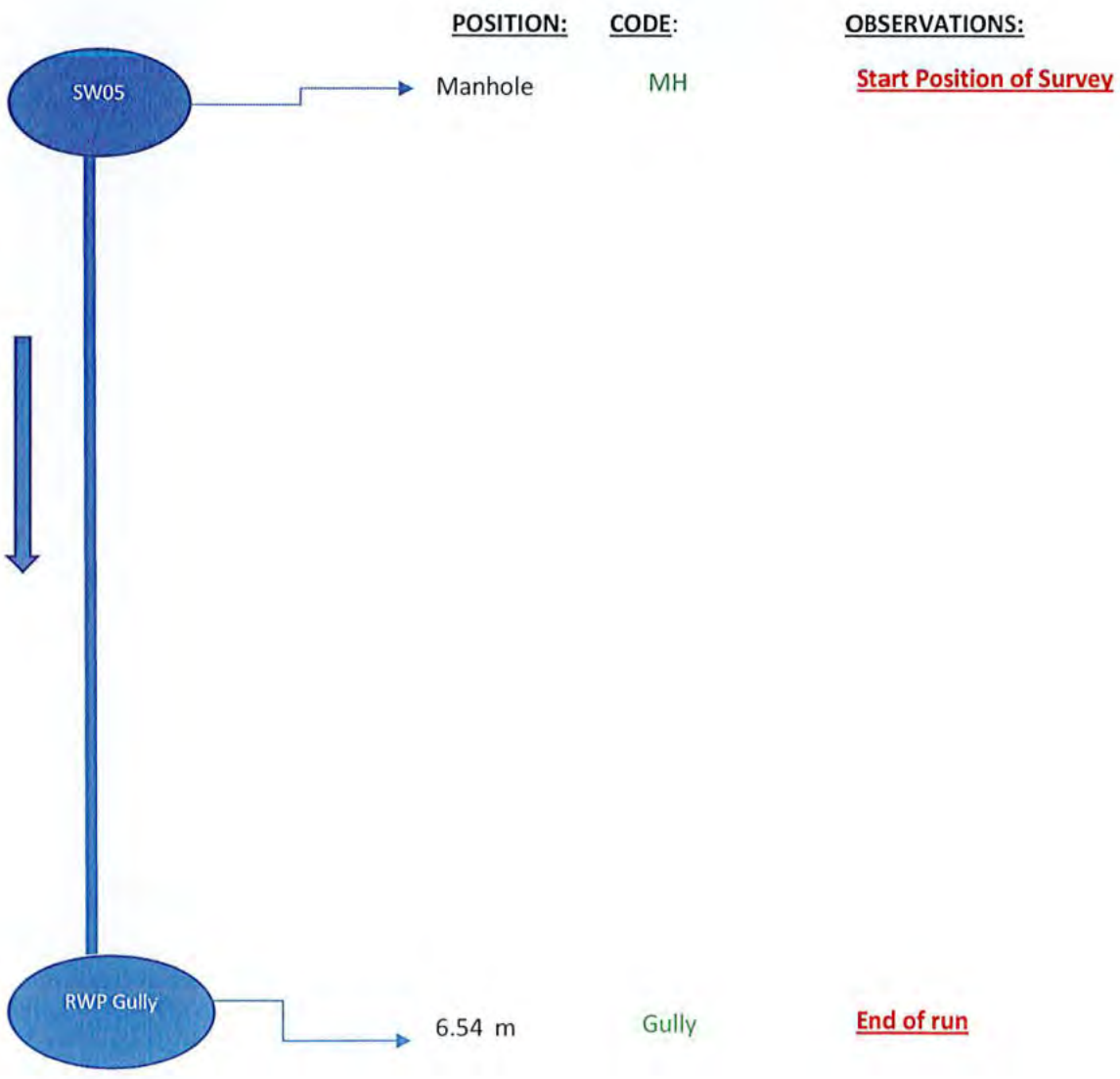


Eko Construction

George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW05 -RWP Gully	**Pipe Length :**	6.54 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	Video – 8		



EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
6	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator:			Cleaned:	
KARAN			yes	

Place:		Direction:	Upstream	Start ref:	SW.06
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	SW.05
		Pipe Length:		End depth:	
Use:	Surface Water		Pipe Shape:	circular	
Year Laid:	2024		Width / Height:	150mm	
Purpose:	Post completion inspection of new sewers		Flow Control:		
Lining:			Pipe Material:	polyvinyl chloride	
Comments:					

0.00m (SW.06)



40.09m (SW.05)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.06	00:00:03	(1)
2.65m		JN	Junction from 10 O'Clock diameter: 150 mm	00:00:19	(2)
18.72m		JN	Junction from 11 O'Clock diameter: 150 mm	00:01:22	(3)
28.59m		JN	Junction from 10 O'Clock diameter: 150 mm	00:02:10	(4)
31.54m		JN	Junction from 2 O'Clock diameter: 150 mm	00:02:32	(5)
40.09m		MHF	Finish node type, manhole reference number: SW.05	00:03:20	(6)

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Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
6	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator: KARAN			Cleaned: yes	



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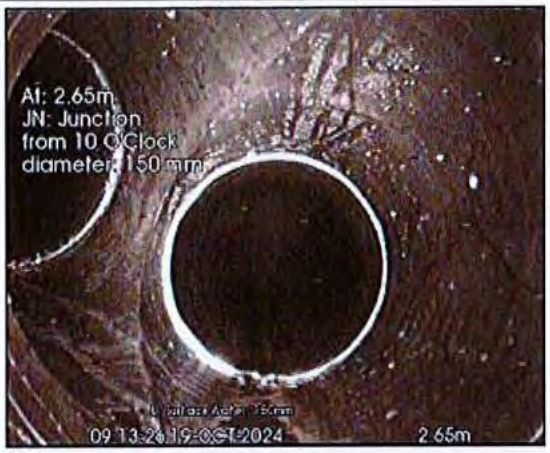

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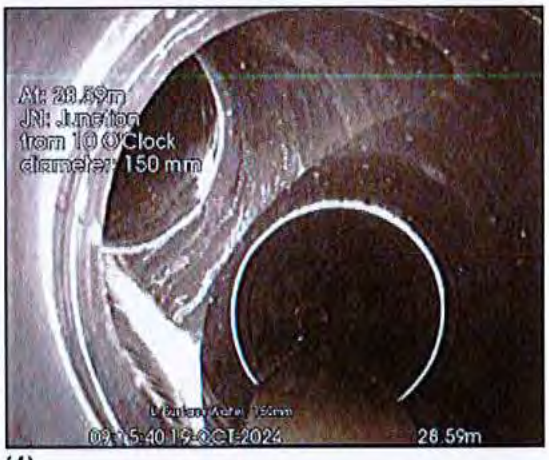

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(6)

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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
7	2024-10-21	ALDI HORSHAM	Rain	
Operator: KARAN			Cleaned: yes	

Place:		Direction:	Downstream	Start ref:	SW.06
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	SW.08
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	150mm		
Purpose:	Post completion Inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.06)



21.22m (SW.08)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.06	00:00:03	(1)
21.22m		MHF	Finish node type, manhole reference number: SW.08	00:01:01	(2)

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Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
7	2024-10-21	ALDI HORSHAM	Rain	
Operator: KARAN			Cleaned: yes	



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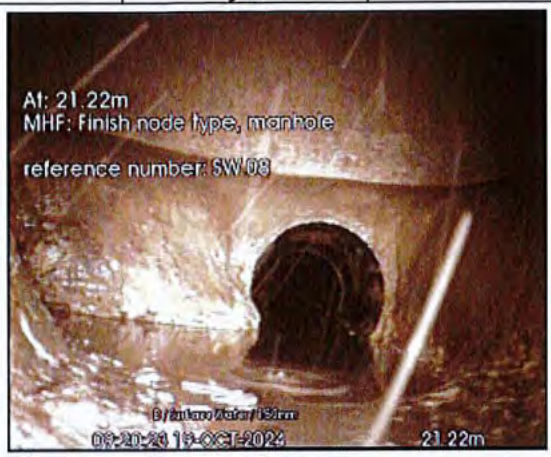

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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
8	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	

Place:		Direction:	Upstream	Start ref:	SW.08
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	S'RWH.07
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	225mm		
Purpose:	Post completion inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.08)



Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.08	00:00:04	(1)
2.71m		JN	Junction from 10 O'Clock diameter: 150 mm	00:00:24	(2)
4.48m		OCF	Finish node type, other special chamber reference number: S'RWH.07 TANK	00:00:48	(3)

4.48m (S'RWH.07)

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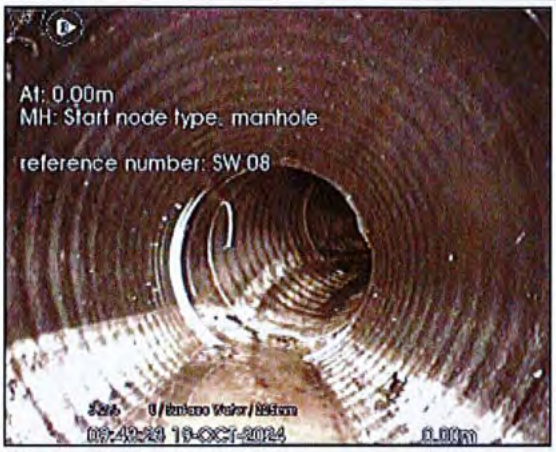
Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
8	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	



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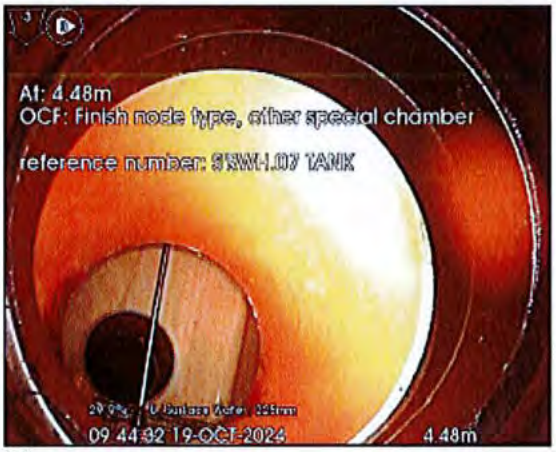

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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	**EKO Construction** **George street** **West Bromwich** **West midlands** **B70 6NH**

Section:	Date:	Job Number:	Weather:	PLR:
9	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	

Place:		Direction:	Downstream	Start ref:	SW.08
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	SW.04
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	225mm		
Purpose:	Post completion inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.08)



5.58m (SW.04)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.08	00:00:02	(1)
0.96m		WL	Water level 25%	00:00:14	(2)
3.24m		WL	Water level 50%	00:00:30	(3)
5.58m		SA	Survey abandoned UNDER WATER	00:01:06	(4)

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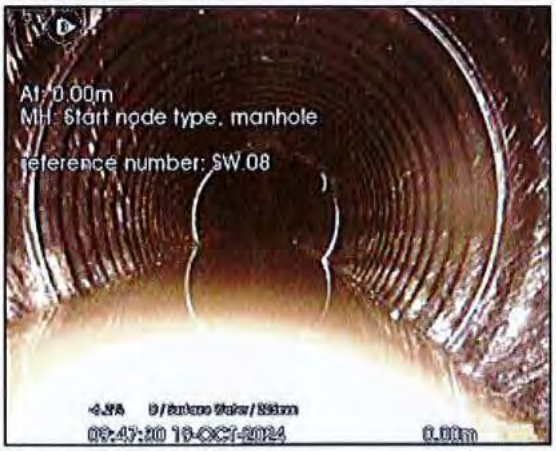
Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
9	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator:			Cleaned:	
KARAN			yes	



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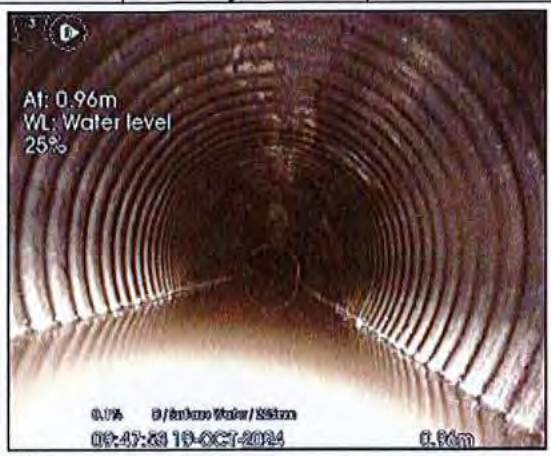


(2)



(3)



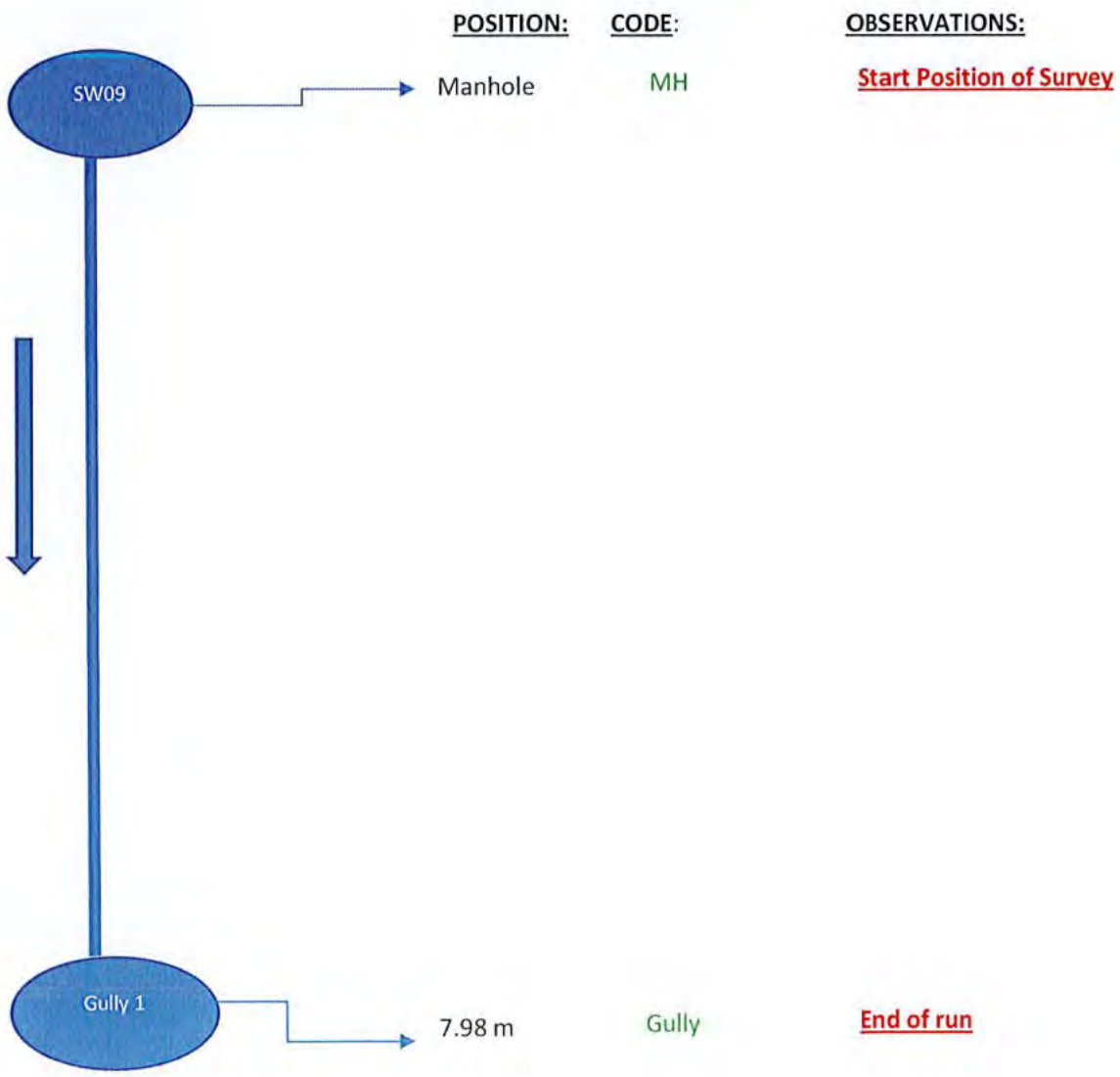
(4)

Eko Construction

George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW09 -Gully 1	**Pipe Length :**	7.98 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 13**		

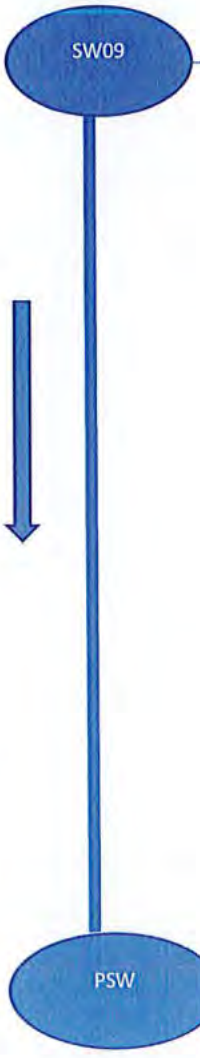


Eko Construction

George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW09 -PSW	**Pipe Length :**	1.33 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 14**		



POSITION:	CODE:	OBSERVATIONS:
Manhole	MH	Start Position of Survey
1.33 m	Gully	End of run

EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

	Date:	Job Number:	Weather:	PLR:
15	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator: **KARAN**			Cleaned: **yes**	

Place:		Direction:	Upstream	Start ref:	SW.11
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	ACO
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	150mm		
Purpose:	Post completion inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.11)



5.18m (ACO)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.11	00:00:03	(1)
5.18m		GYF	Finish node type, gully reference number: ACO	00:00:52	(2)

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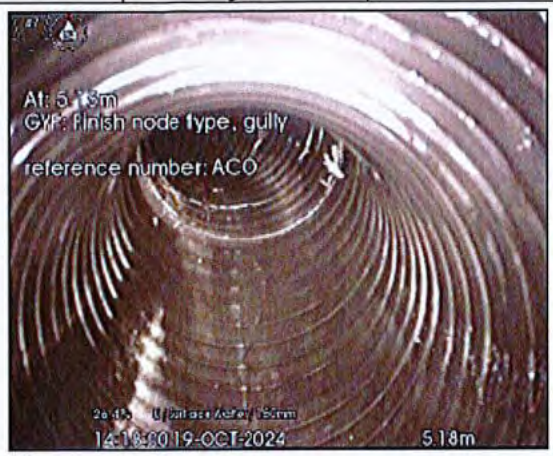
Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
15	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	



(1)



(2)

EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
10	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator: KARAN			Cleaned: yes	

Place: Road: Z Location: Property with buildings		Direction: Upstream Catchment: Total Length: Pipe Length:		Start ref: SW.11 Start depth: End ref: SW09 End depth:	
Use: Surface Water Year Laid: 2024 Purpose: Post completion inspection of new sewers Lining:			Pipe Shape: circular Width / Height: 150mm Flow Control: Pipe Material: polyvinyl chloride		
Comments:					

0.00m (SW.11)



14.16m SW09

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.11	00:00:02	(1)
7.32m		JN	Junction from 10 O'Clock diameter: 150 mm	00:00:53	(2)
14.16m		MHF	Finish node type, manhole reference number: SW.09	00:01:39	(3)

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Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
10	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator: **KARAN**			Cleaned: **yes**	



(1)



(2)



(3)

EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
11	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator: KARAN			Cleaned: yes	

Place:		Direction:	Downstream	Start ref:	SW.11
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	SW.13
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	225mm		
Purpose:	Post completion Inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.11)



Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.11	00:00:04	(1)
6.41m		JN	Junction from 9 O'Clock diameter: 150 mm	00:00:36	(2)
9.83m		JN	Junction from 9 O'Clock diameter: 150 mm	00:00:56	(3)
13.23m		JN	Junction from 2 O'Clock diameter: 150 mm	00:01:15	(4)
14.18m		MHF	Finish node type, manhole reference number: SW.13	00:01:26	(5)

14.18m (SW.13)

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Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
11	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator: **KARAN**			Cleaned: **yes**	



(1)



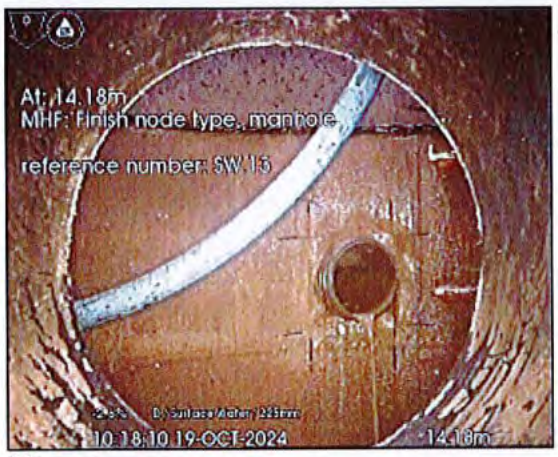
(2)



(3)



(4)



(5)

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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	**EKO Construction** **George street** **West Bromwich** **West midlands** **B70 6NH**

Section:	Date:	Job Number:	Weather:	PLR:
16	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	

Place:		Direction:	**Upstream**	Start ref:	**SW.11**
Road:	**Z**	Catchment:		Start depth:	
Location:	**Property with buildings**	Total Length:		End ref:	**SW.15**
		Pipe Length:		End depth:	
Use:	**Surface Water**	Pipe Shape:	**circular**		
Year Laid:	**2024**	Width / Height:	**150mm**		
Purpose:	**Post completion inspection of new sewers**	Flow Control:			
Lining:		Pipe Material:	**polyvinyl chloride**		
Comments:					

0.00m (SW.11)



17.86m (SW.15)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.11	00:00:01	(1)
17.86m		MHF	Finish node type, manhole reference number: SW.15	00:01:59	(2)

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Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
16	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	



(1)



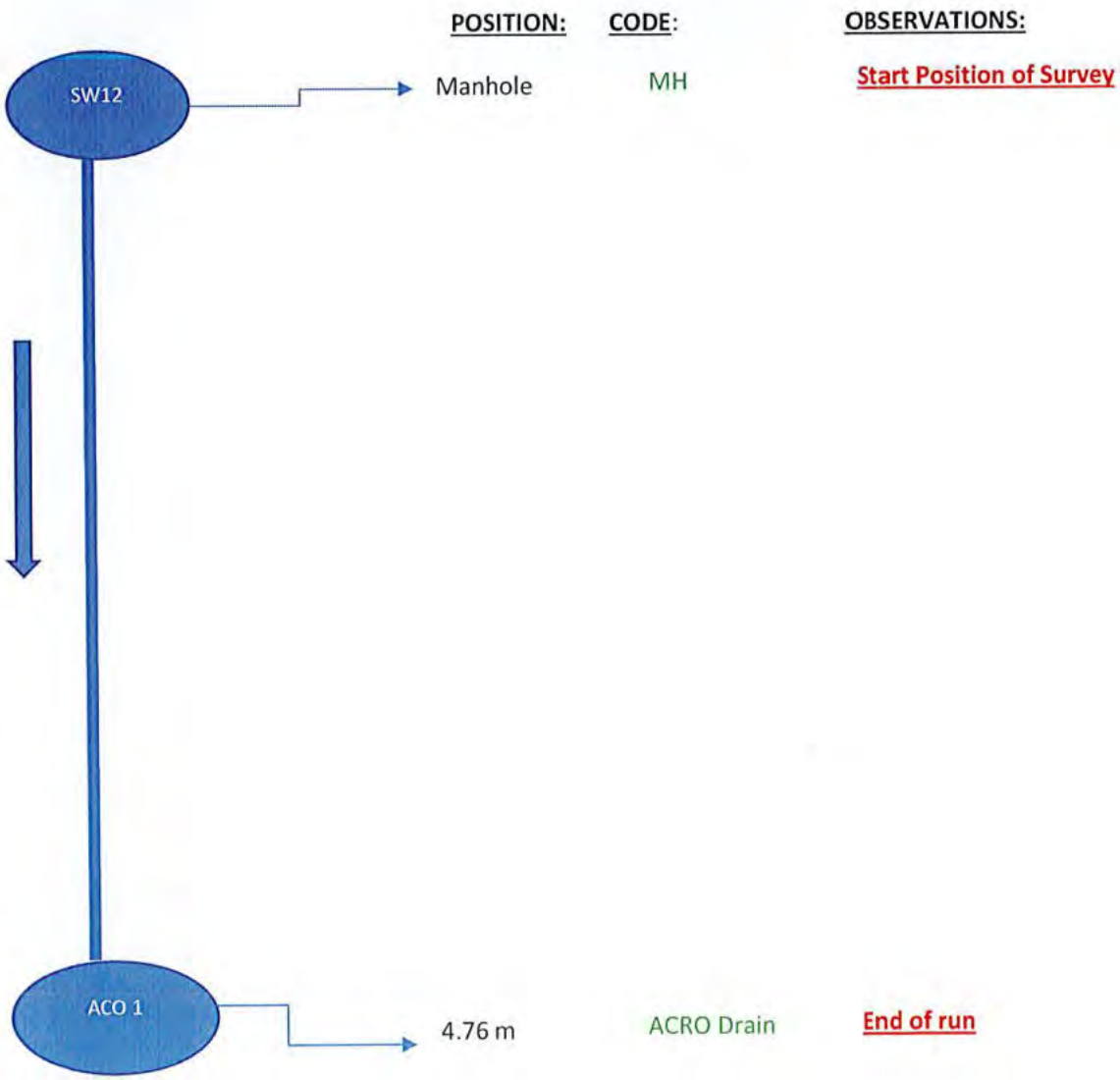
(2)

Eko Construction

George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW12 -ACO1	**Pipe Length :**	4.76 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 19**		



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George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW12 -Gully 1	**Pipe Length :**	9.23 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 20**		

	POSITION:	CODE:	OBSERVATIONS:
SW12	Manhole	MH	Start Position of Survey
	0.25 m	JN	
Gully 1	9.23 m	Gully	End of run



Snap 1- 150 mm Dia Jn at 0.25 m @ 11 clocks

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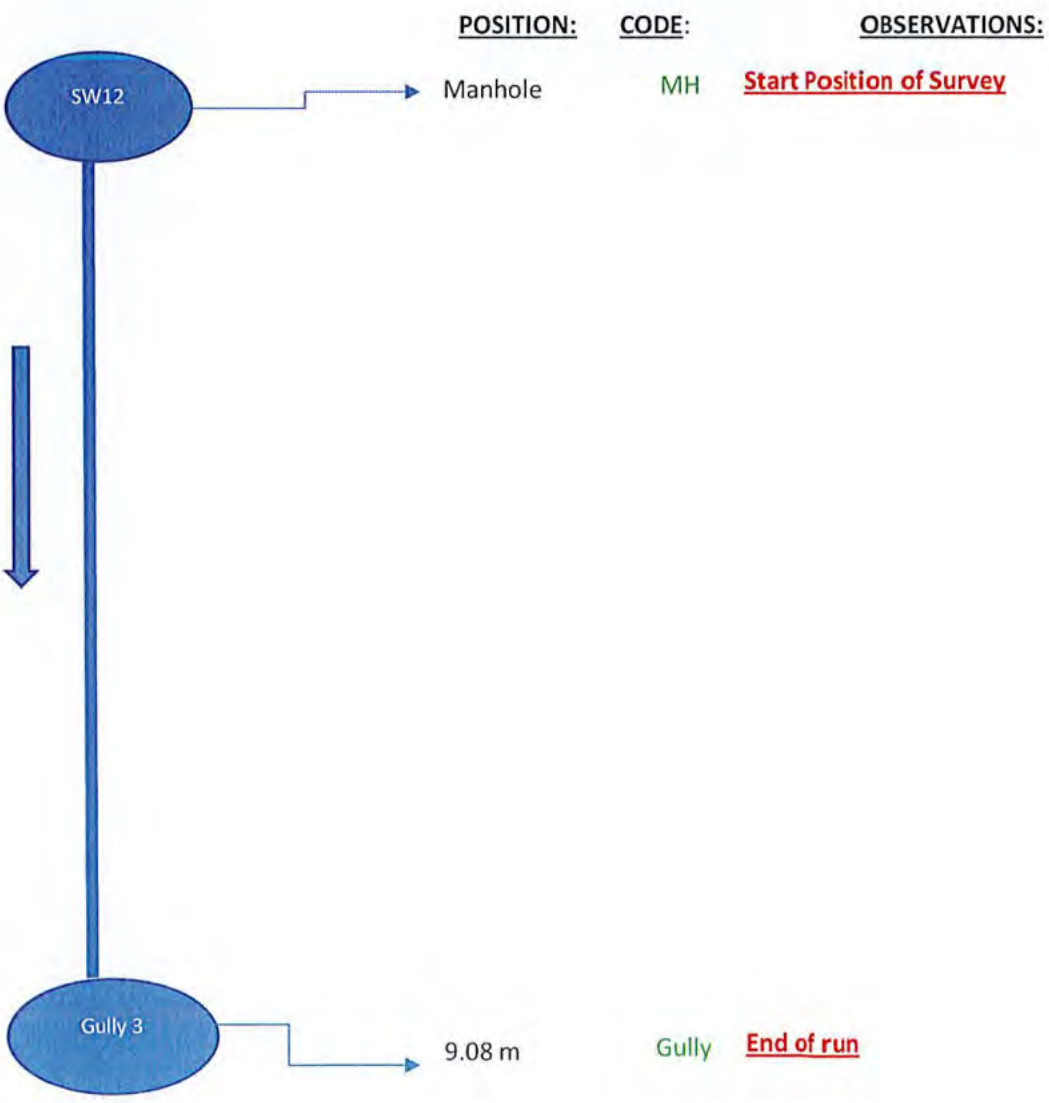
George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW12 -Gully 3	**Pipe Length :**	9.08 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 21**		



EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	**EKO Construction** **George street** **West Bromwich** **West midlands** **B70 6NH**

Section:	Date:	Job Number:	Weather:	PLR:
17	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator:			Cleaned:	
KARAN			**yes**	

Place:		Direction:	Downstream	Start ref:	SW.13
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	SEPARATOR
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	225mm		
Purpose:	Post completion inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.13)



Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.13	00:00:03	(1)
0.88m		OSF	Finish node type, oil separator reference number: SEPARATOR	00:00:19	(2)

0.88m (SEPARATOR)

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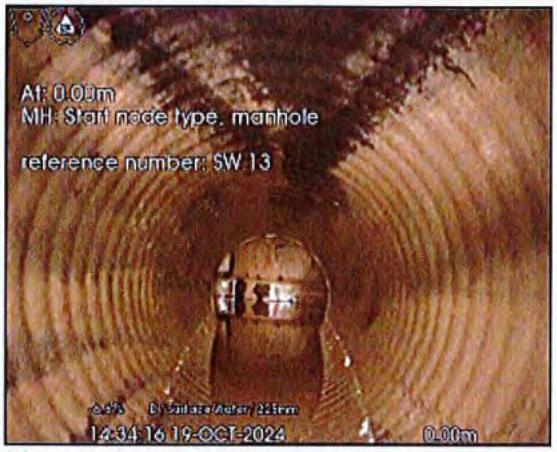
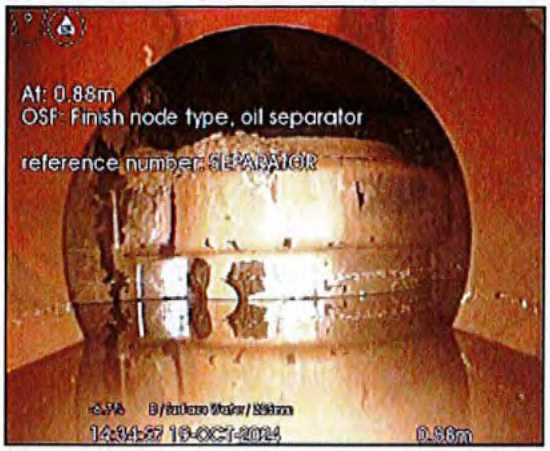
Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
17	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator: **KARAN**			Cleaned: **yes**	



(1)



(2)

EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
18	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator: KARAN			Cleaned: yes	

Place:		Direction:	Upstream	Start ref:	SW.13
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	SW.12
		Pipe Length:		End depth:	
Use:	Surface Water	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	150mm		
Purpose:	Post completion inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (SW.13)



11.58m (SW.12)

Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: SW.13	00:00:04	(1)
2.62m		JN	Junction from 2 O'Clock diameter: 150 mm	00:00:28	(2)
11.58m		MHF	Finish node type, manhole reference number: SW.12	00:01:34	(3)

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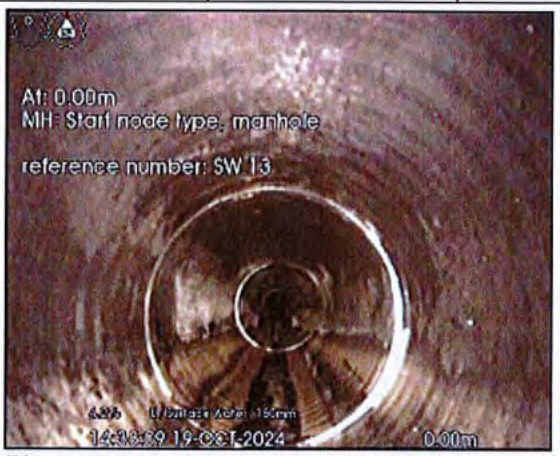
Inspection Report

Section:	Date:	Job Number:	Weather:	PLR:
18	**2024-10-21**	**ALDI HORSHAM**	**No rain or snow**	
Operator: **KARAN**			Cleaned: **yes**	



(1)



(2)



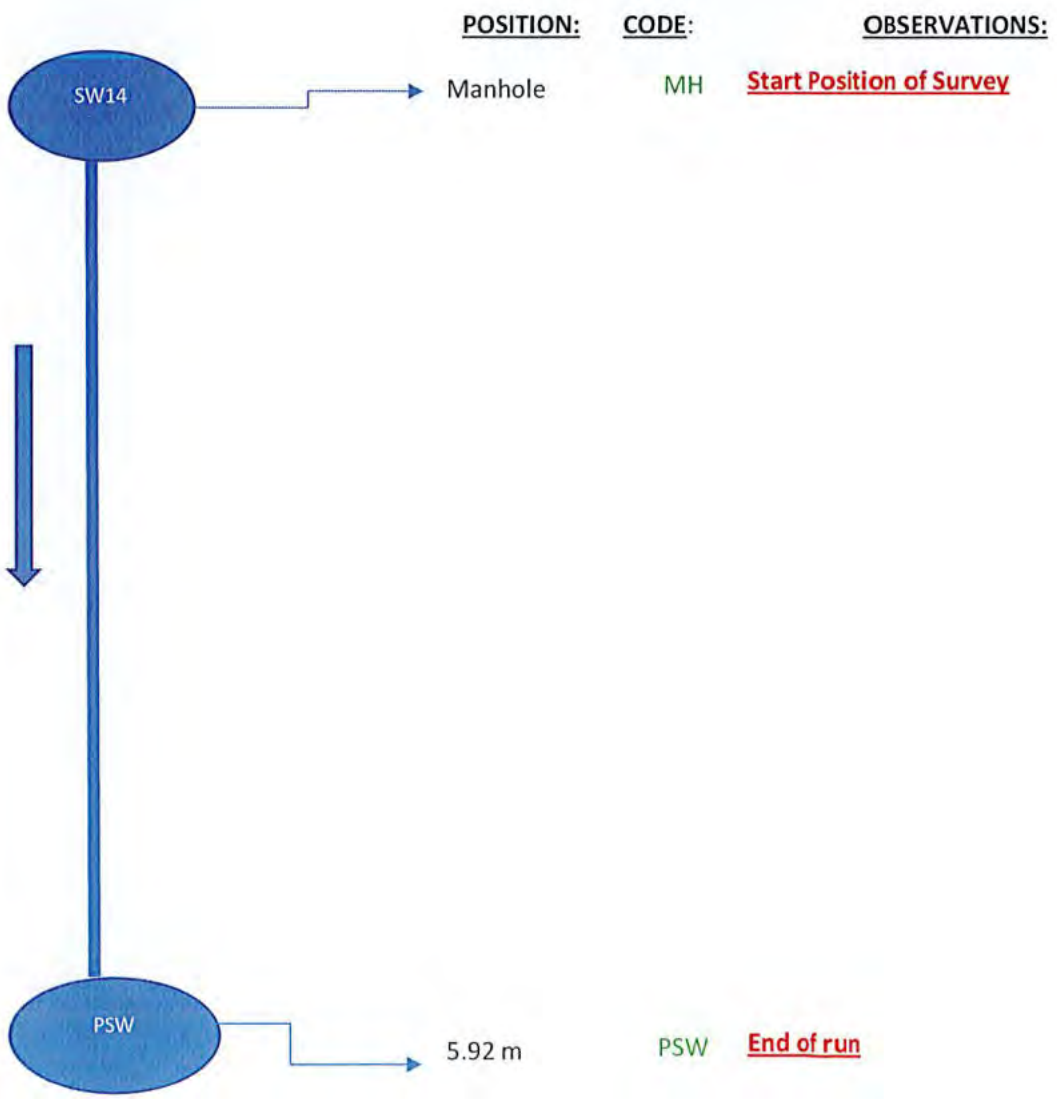
(3)

Eko Construction

George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW14 – PSW 1	**Pipe Length :**	5.92 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 24**		



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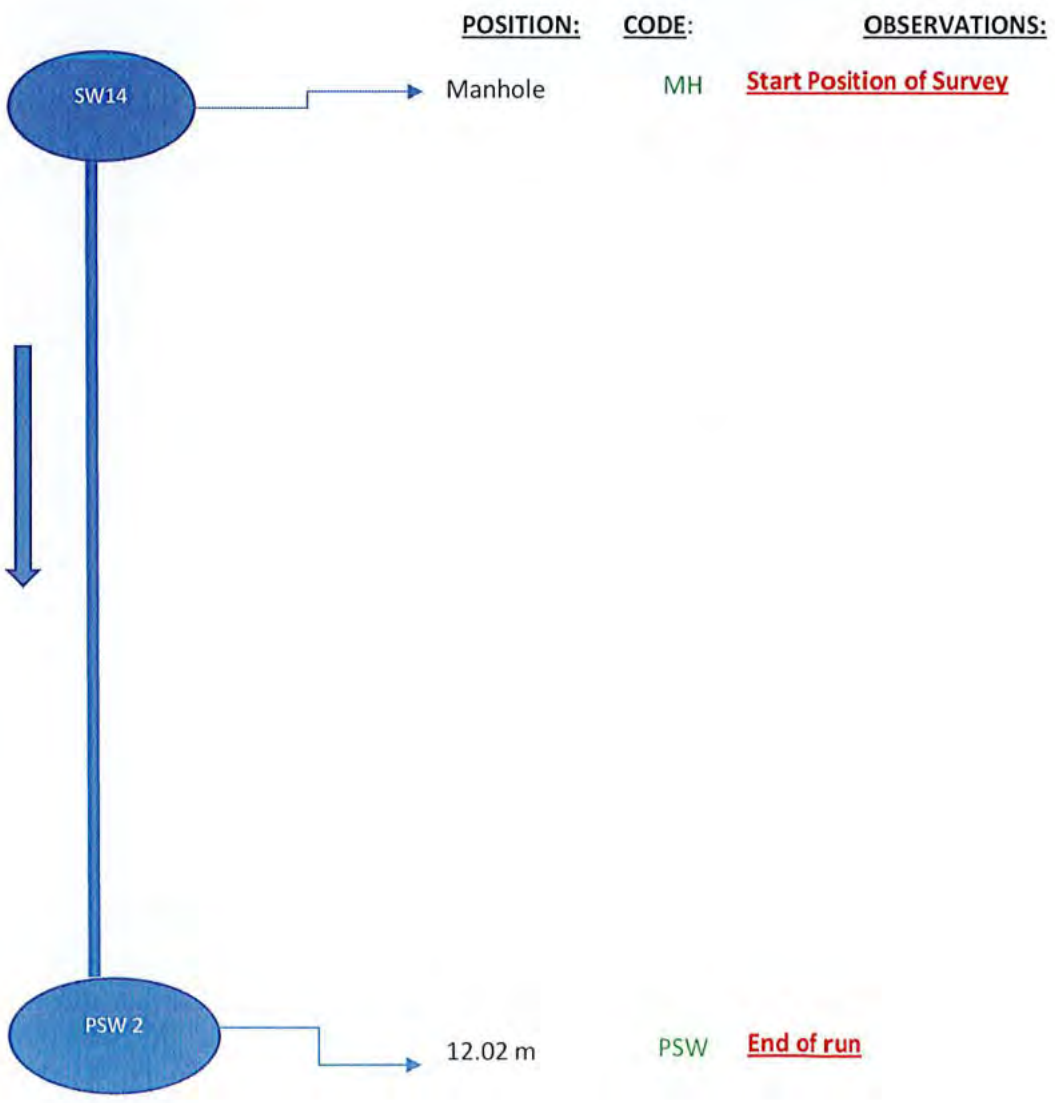
George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW14 – PSW 2	**Pipe Length :**	12.02 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 25**		



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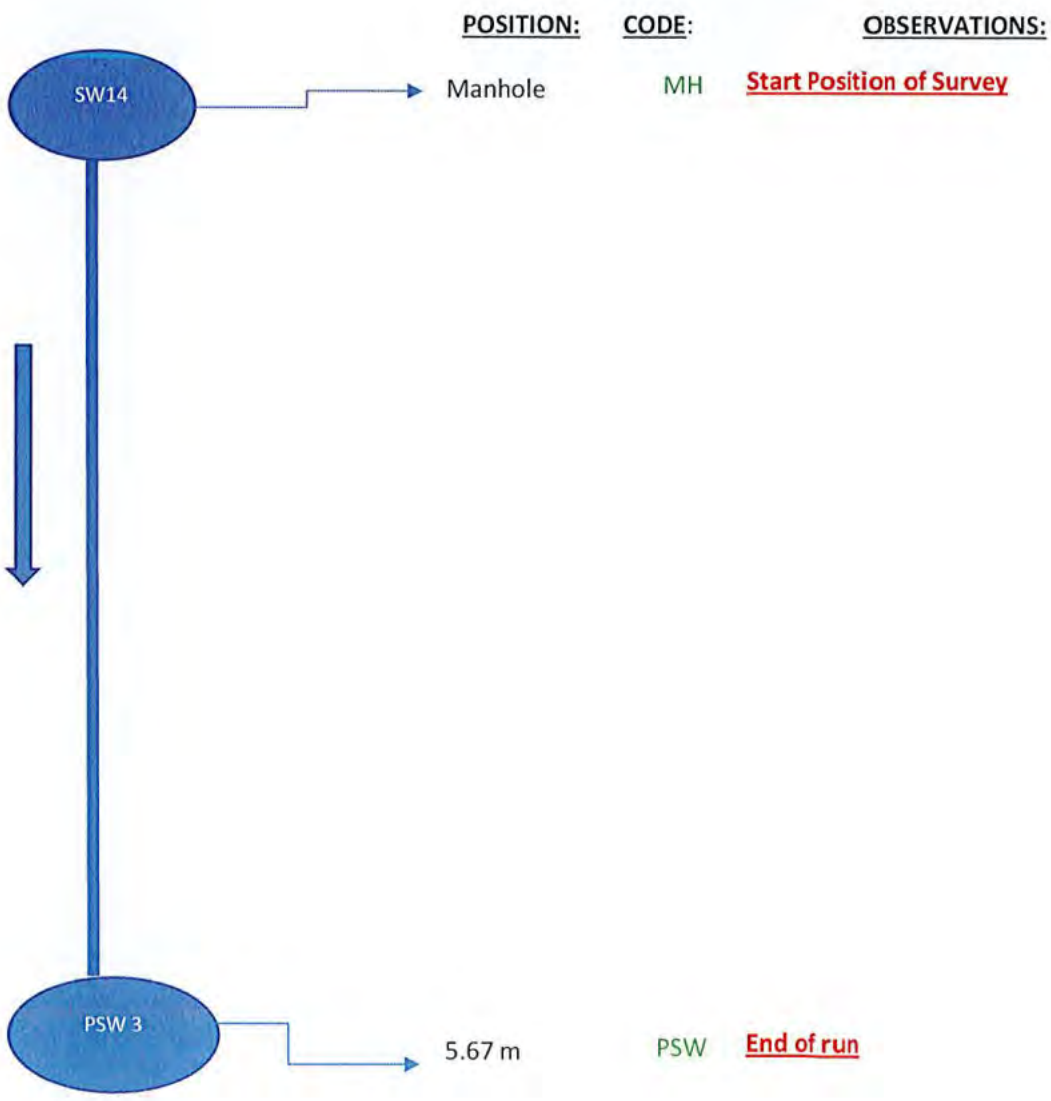
George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW14 – PSW 3	**Pipe Length :**	5.67 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 26**		



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George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	SW14 – SW 13	**Pipe Length :**	15.43 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	Video – 27		

	POSITION:	CODE:	OBSERVATIONS:
SW14	Manhole	MH	Start Position of Survey
			
			Snap 1- 150 mm Dia Jn at 9.31 m @ 10 clocks
	9.31 m	JN	
			
	12.38 m	JN	
			Snap 2- 150 mm Dia Jn at 12.38 m @ 10 clocks
SW 13	15.43 m	MH	End of run

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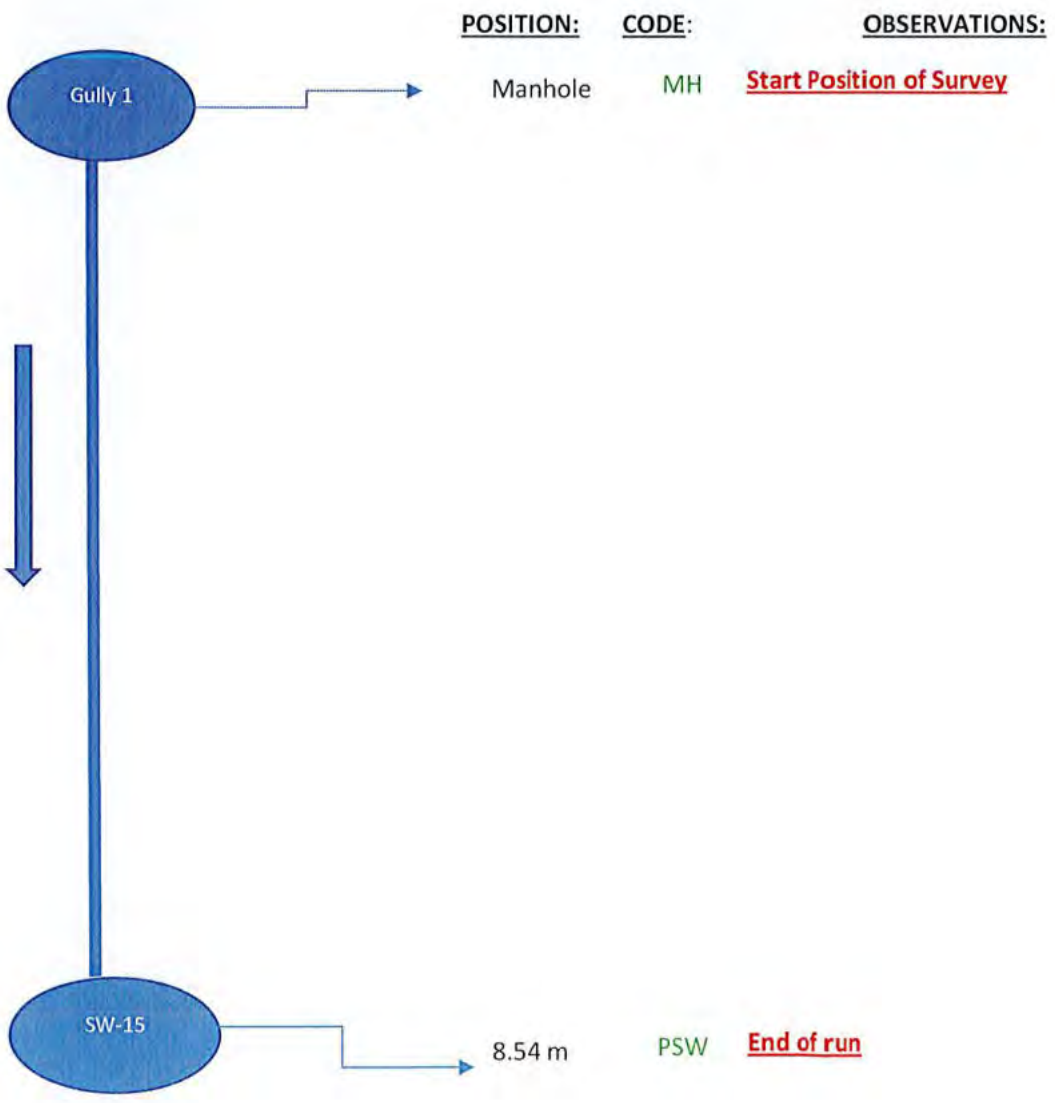
George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	Gully 1- SW.15	**Pipe Length :**	8.54 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 28**		



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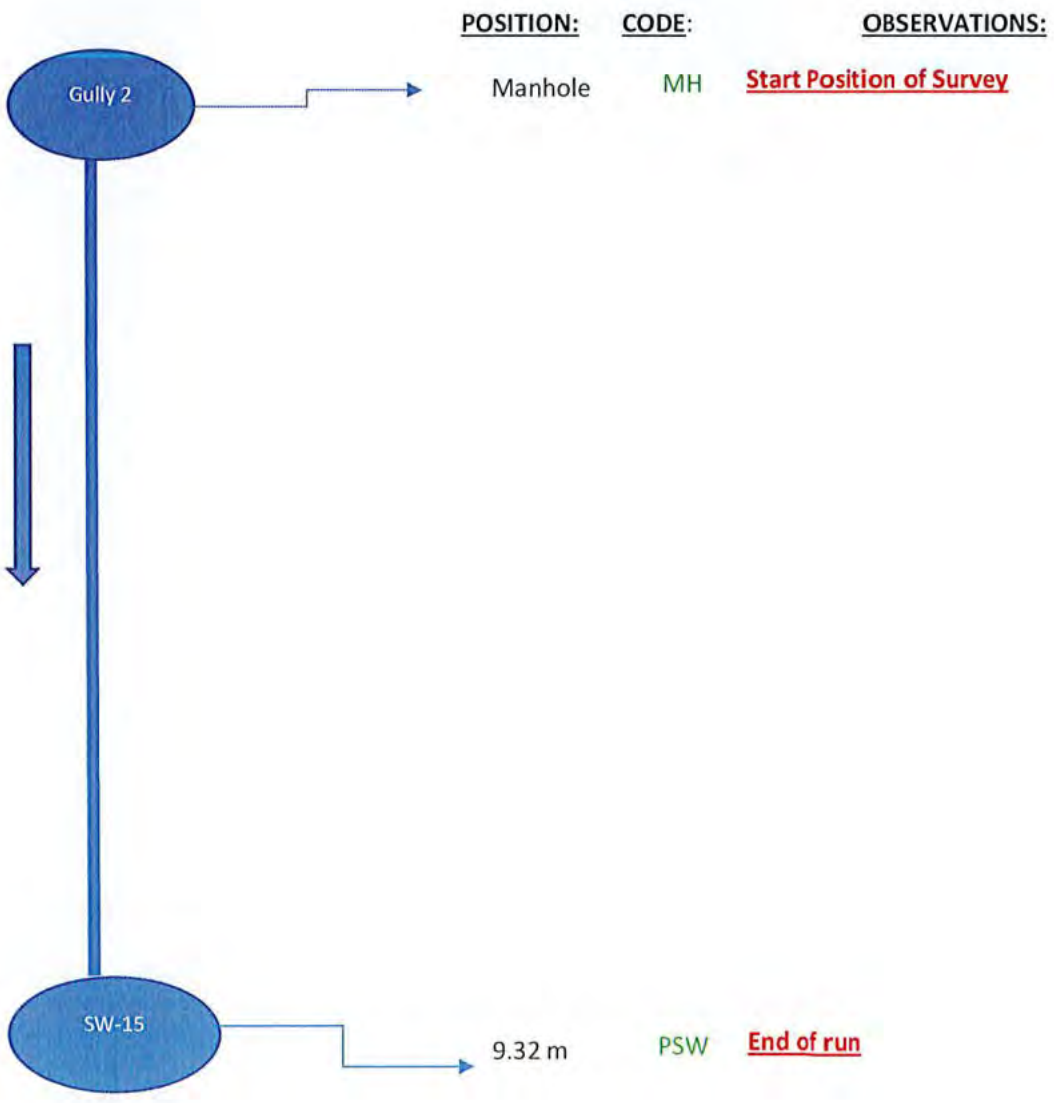
George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	Gully 2- SW.15	**Pipe Length :**	9.32 m
Use :	Storm	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	150 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	**Video – 28**		



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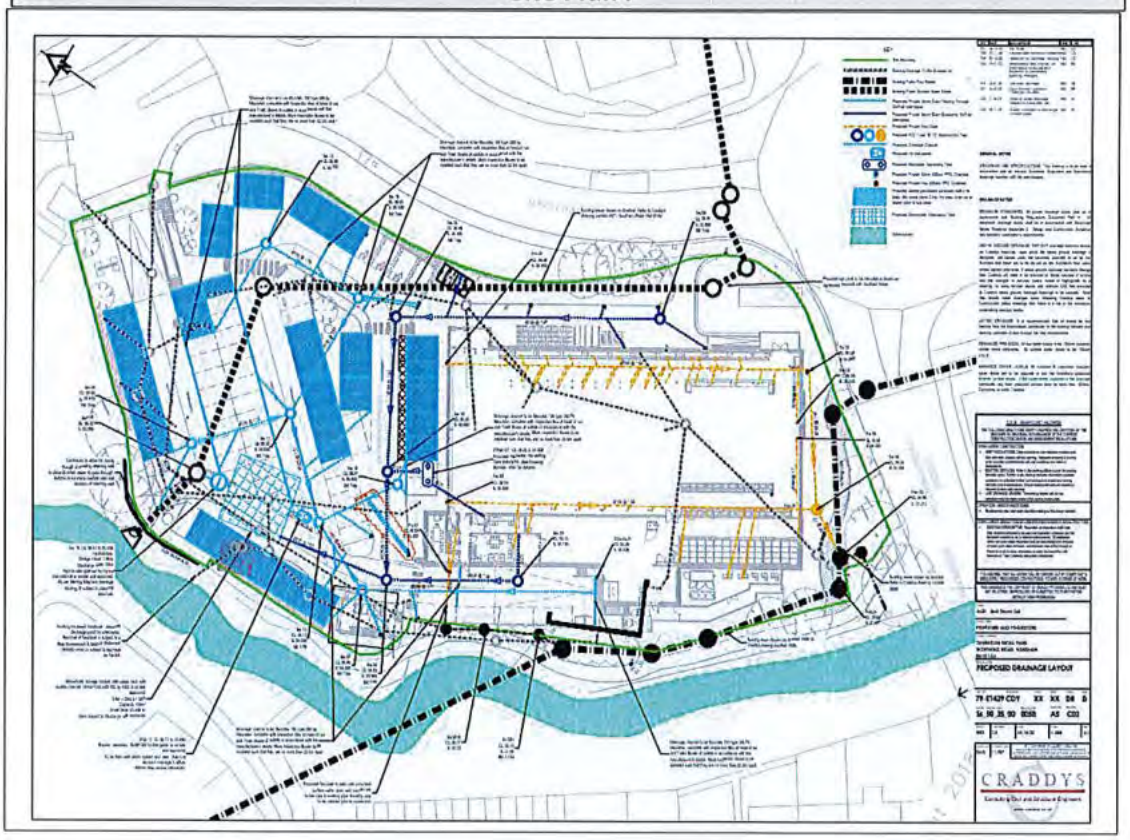
George Street- West Bromwich -West Midlands -B70 6NH

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Site Plan :



Drawing Number – SS-50-35-00-0050-Co3

Eko Construction

George Street- West Bromwich -West Midlands -B70 6NH

Address Details					
Date :	***Job Number :***	***Location :***	***Operator :***	***Cleaned :***	***Weather :***
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Client:	**Canford**
Contact Name:	
Department:	**Construction Management Department**
Road:	**205 FORT DUNLOP FORT PARKWAYS**
Town:	**Birmingham**
County:	
Telephone:	**0121 730 2363**
Mobile:	
E-Mail:	
Other Info :	**B24 9FD**
Site:	**ALDI Superstore**
Contact Name:	
Department:	**Site Management**
Road:	**Worthing Road**
Town:	**Horsham**
County:	UK
Telephone:	
Mobile:	
E-Mail:	
Other Info :	**RH12 1AL**
Contractor:	**J B Construction1**
Contact Name:	**Kevin Tirebuck**
Department:	**Midlands**
Road:	**Union Street, West Bromwich, B70 6BZ**
Town:	**Birmingham**
County:	**West Midlands**
Telephone:	**0121 308 00 88**
Mobile:	
E-Mail:	<kevin.tirebuck@jbconstruction1.co.uk>
Other Info :	

Eko Construction

George Street- West Bromwich -West Midlands -B70 6NH

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/ 214	On Site	Sam	N/A	Dry

Project Codes :			
B	Broken Pipe	LDU	Line Deviates Up
CC	Crack, Circumferential	LDL	Line Deviates Left
CL	Crack, Longitudinal	LDR	Line Deviates Right
CM	Cracks, Multiple	LX	Lining Defect
CU	Loss of Vision	MC	Material Change
CUW	Camera Under Water	OB	Other Obstacles
D	Deformed Pipe/ Sewer	OJL	Open Joint Large
DES	Settled Deposits	OJM	Open Joint Medium
EFP	Existing Foul Pipe	R	Roots
G	Gully	RE	Rodding Eye
H	Hole in Pipe/Sewer	REM	General Remark
I	Infiltration	SC	Dimension of Pipe/Sewer Change
JDL	Joint Displaced Large	SR	Sealing Ring Intrusion
JDM	Joint Displaced Medium	V	Vermin
JN	Junction	VR	Vermin Rat
JX	Defective Junction	WL	Water Level
LC	Lining In Pipe/Sewer	XP	Collapsed Pipe/Sewer
LDD	Line Deviates Down	SA	Survey Abandoned: Unable to push Camera

Report Coding :	
1	Acceptable Structural Condition No Leaks, Blockages or defects
2	Minor collapse risk in short term but potential for further deterioration Moderate joint defects
3	! Collapse unlikely in near future but future deterioration likely ! Pipe: Fractures with deformation
4	!! Collapse likely in foreseeable future !! Pipe: Broken, Deformation up to 10%
5	!!! Collapsed or collapse imminent !!! Pipe: Already collapsed, Deformation over 10% and broken,

REPORT END

Foul Drainage Survey Report

(New Works)

Project Name: ALDI Superstore. Worthing Road, Horsham.RH12 1AL

Report Date: 24/10/2024

Eko Construction

George Street- West Bromwich -West Midlands -B70 6NH

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EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
2	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator: KARAN			Cleaned: yes	

Place: Road: Z Location: Property with buildings	Direction: Downstream Catchment: Total Length: Pipe Length:	Start ref: FRE.01 Start depth: End ref: FW.03 End depth:	
Use: Foul Year Laid: 2024 Purpose: Post completion inspection of new sewers Lining:	Pipe Shape: circular Width / Height: 100mm Flow Control: Pipe Material: polyvinyl chloride		
Comments:			

0.00m (FRE.01)



22.40m

Meterage	CD	Code	Observation	Video	Pic.
0.00m		RE	Start node type, rodding eye reference number: FRE.01	00:00:03	(1)
12.21m		JN	Junction from 11 O'Clock diameter: 100 mm	00:00:34	(2)
14.78m		JN	Junction from 11 O'Clock diameter: 100 mm	00:00:45	(3)
19.33m		JN	Junction from 11 O'Clock diameter: 100 mm	00:01:01	(4)
22.40m		JN	Junction from 11 O'Clock diameter: 100 mm	00:01:15	(5)

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EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 2	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	



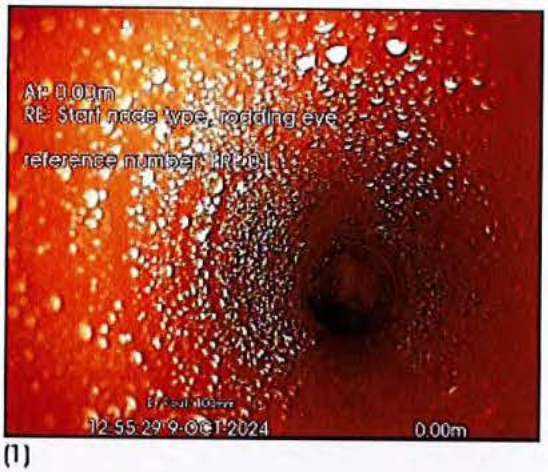
Meterage	CD	Code	Observation	Video	Pic.
26.52m		JN	Junction from 11 O'Clock diameter: 100 mm	00:01:33	(6)
29.63m		JN	Junction from 10 O'Clock diameter: 100 mm	00:01:46	(7)
33.79m		JN	Junction from 11 O'Clock diameter: 100 mm	00:02:03	(8)
35.86m		JN	Junction from 10 O'Clock diameter: 100 mm	00:02:15	(9)
38.92m		JN	Junction from 11 O'Clock diameter: 100 mm	00:02:29	(10)
43.48m		JN	Junction from 11 O'Clock diameter: 100 mm	00:02:46	(11)
46.64m		JN	Junction from 11 O'Clock diameter: 100 mm	00:03:02	(12)
49.78m		JN	Junction from 11 O'Clock diameter: 100 mm	00:03:17	(13)
52.04m		JN	Junction from 11 O'Clock diameter: 100 mm	00:03:28	(14)
52.89m		JN	Junction from 12 O'Clock diameter: 100 mm	00:03:34	(15)
56.05m		MHF	Finish node type, manhole reference number: FW.03	00:03:50	(16)

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 2	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
2	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator:			Cleaned:	
KARAN			yes	



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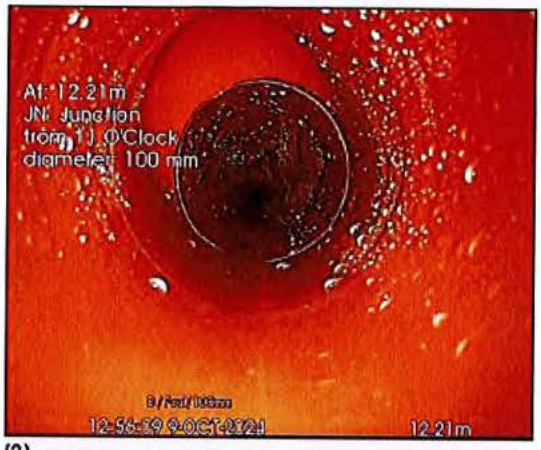

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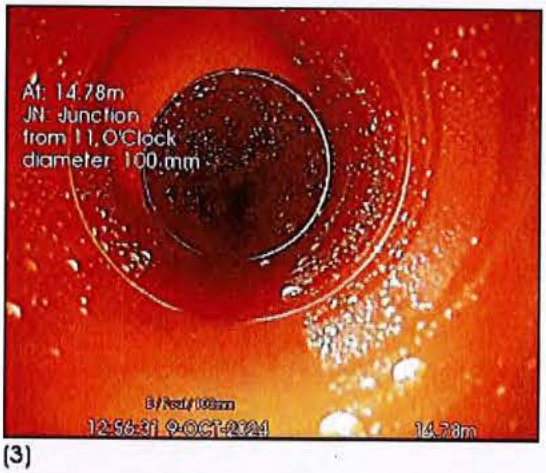

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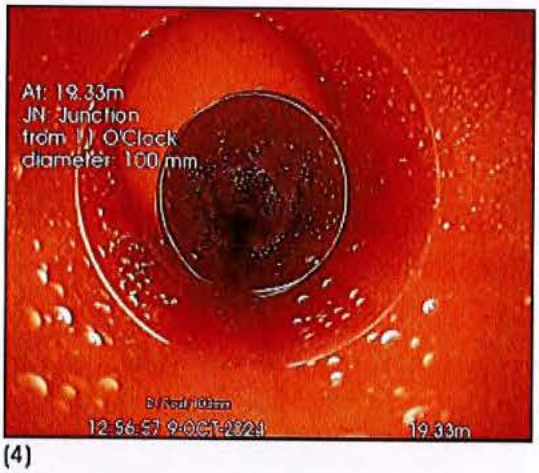

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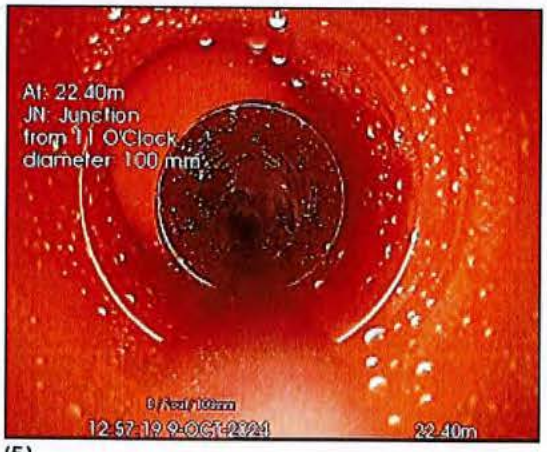

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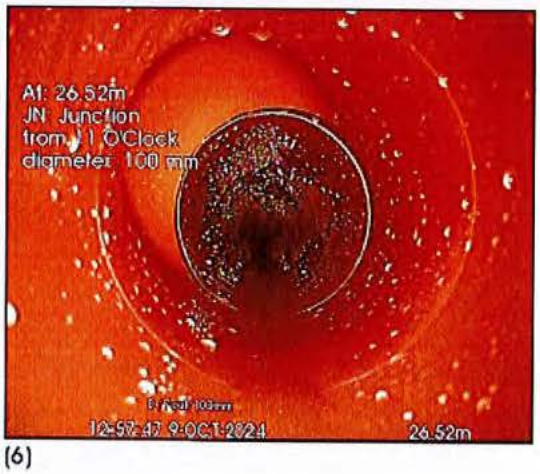

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EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 2	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	

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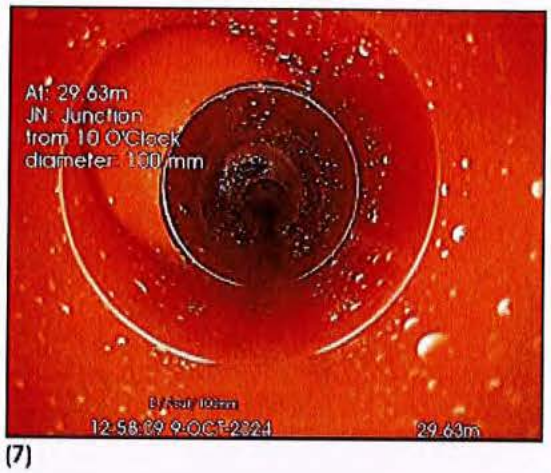
EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
2	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator:			Cleaned:	
KARAN			yes	



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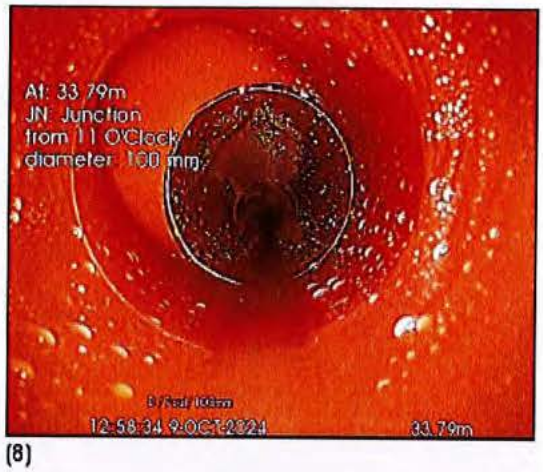

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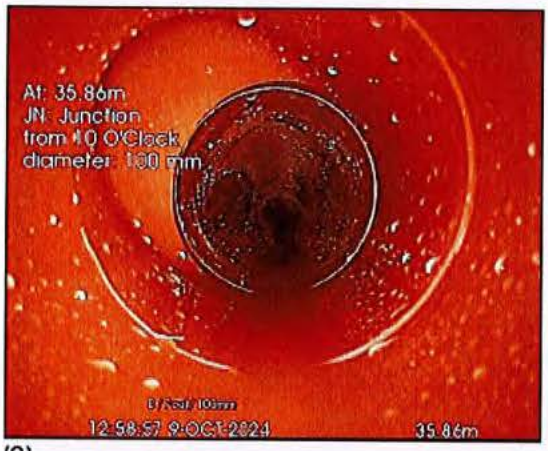

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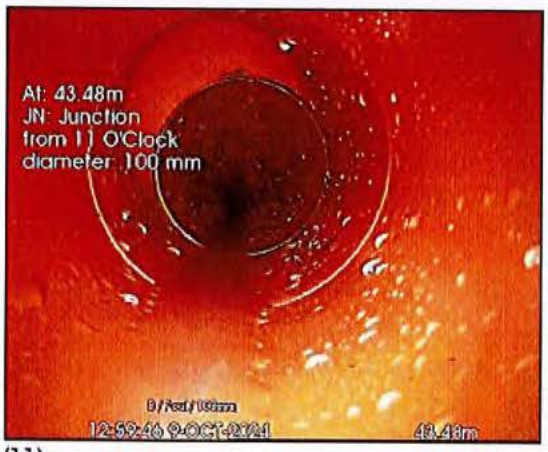

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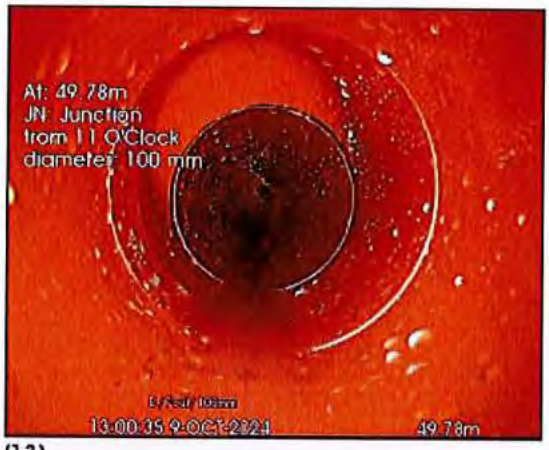
EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 2	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 2	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	



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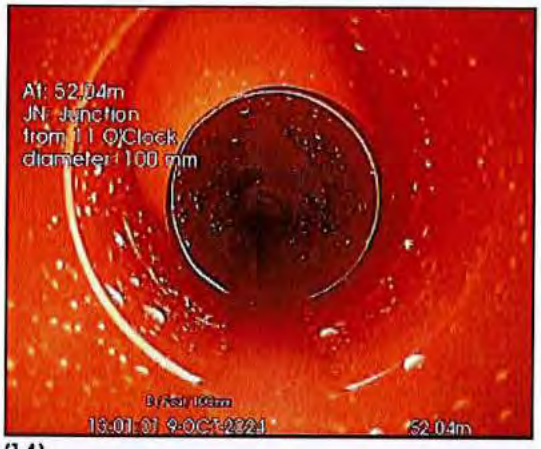

(14)



(15)



(16)

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
5	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator: KARAN			Cleaned: yes	

Place: Road: Z Location: Property with buildings	Direction: Downstream Catchment: Total Length: Pipe Length:	Start ref: FRE.04 Start depth: End ref: FW.06 End depth:	
Use: Foul Year Laid: 2024 Purpose: Post completion inspection of new sewers Lining:	Pipe Shape: circular Width / Height: 100mm Flow Control: Pipe Material: polyvinyl chloride		
Comments:			

0.00m (FRE.04)



17.87m

Meterage	CD	Code	Observation	Video	Pic.
0.00m		RE	Start node type, rodding eye reference number: FRE.04	00:00:02	(1)
15.15m		JN	Junction from 1 O'Clock diameter: 100 mm	00:00:42	(2)
16.27m		JN	Junction from 1 O'Clock diameter: 100 mm	00:00:51	(3)
17.87m		JN	Junction from 1 O'Clock diameter: 100 mm	00:01:00	(4)

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 5	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	



Meterage	CD	Code	Observation	Video	Pic.
21.99m		JN	Junction from 1 O'Clock diameter: 100 mm	00:01:19	(5)
26.15m		JN	Junction from 1 O'Clock diameter: 100 mm	00:01:38	(6)
30.11m		JN	Junction from 1 O'Clock diameter: 100 mm	00:01:53	(7)
33.29m		JN	Junction from 1 O'Clock diameter: 100 mm	00:02:08	(8)
38.38m		JN	Junction from 1 O'Clock diameter: 100 mm	00:02:27	(9)
38.98m		JN	Junction from 1 O'Clock diameter: 100 mm	00:02:34	(10)
41.37m		JN	Junction from 1 O'Clock diameter: 100 mm	00:02:45	(11)
44.30m		JN	Junction from 1 O'Clock diameter: 100 mm	00:02:58	(12)
45.80m		JN	Junction from 1 O'Clock diameter: 100 mm	00:03:05	(13)
47.36m		JN	Junction from 12 O'Clock diameter: 100 mm	00:03:13	(14)

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 5	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	

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EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 5	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	



Meterage	CD	Code	Observation	Video	Pic.
50.59m		JN	Junction from 1 O'Clock diameter: 100 mm	00:03:25	(15)
53.73m		JN	Junction from 1 O'Clock diameter: 100 mm	00:03:36	(16)
54.34m		JN	Junction from 12 O'Clock diameter: 100 mm	00:03:42	(17)
56.63m		MHF	Finish node type, manhole reference number: FW.06	00:03:54	(18)

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 5	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

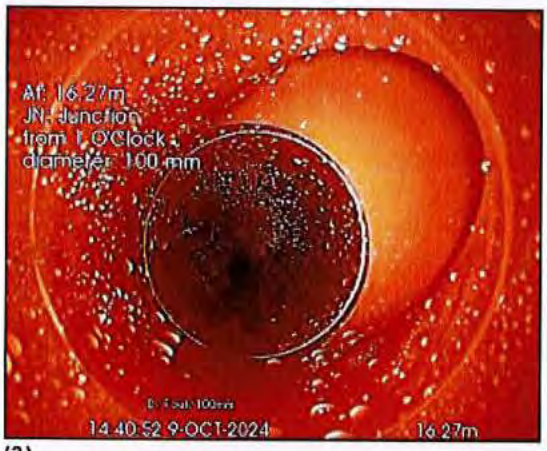
Section:	Date:	Job Number:	Weather:	PLR:
5	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator:			Cleaned:	
KARAN			yes	



(1)



(2)



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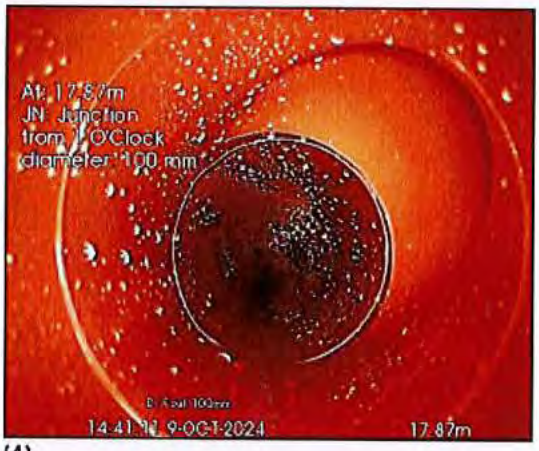


(4)



(5)



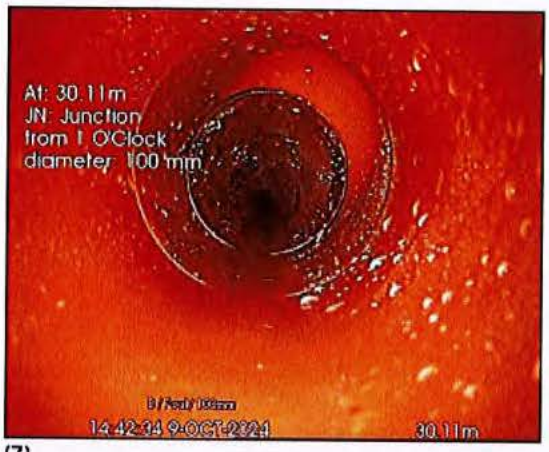
(6)

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 5	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 5	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	



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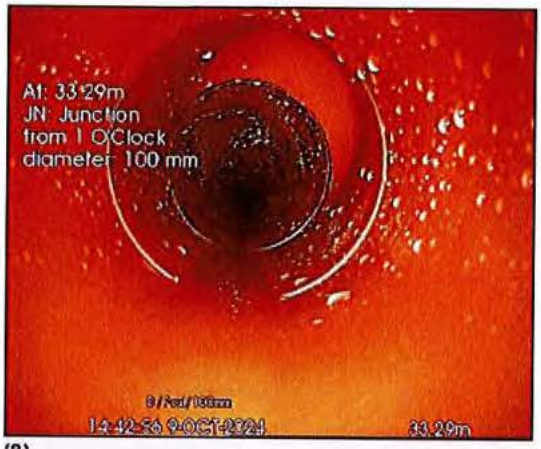

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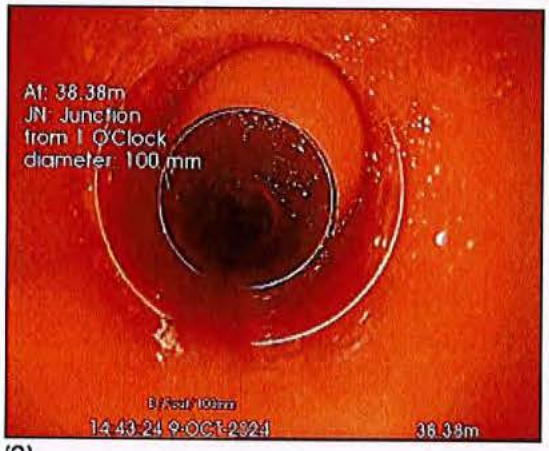

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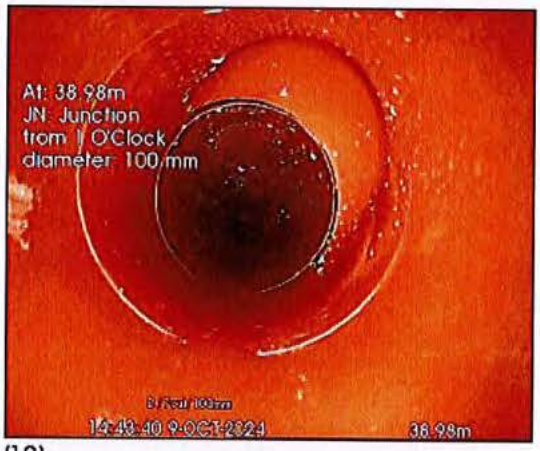

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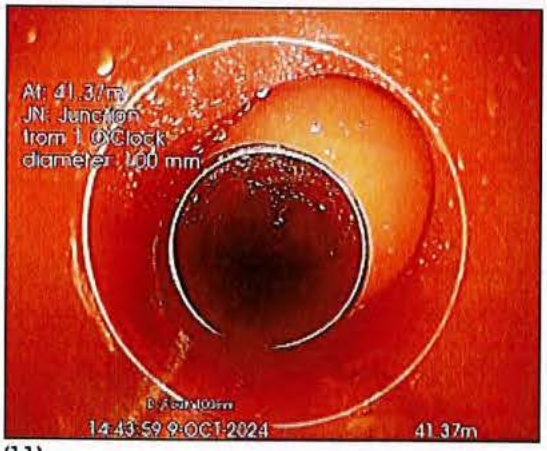

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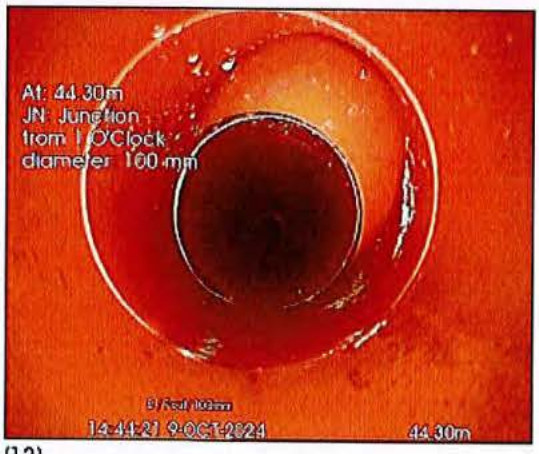

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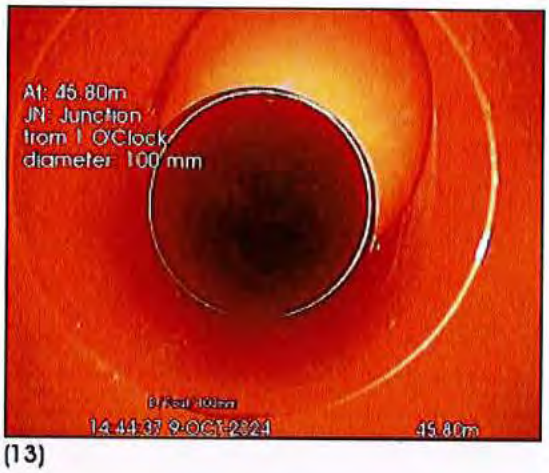
EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 5	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	

EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 5	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	



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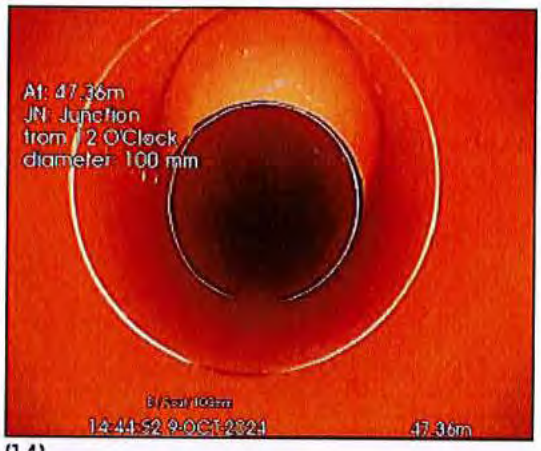

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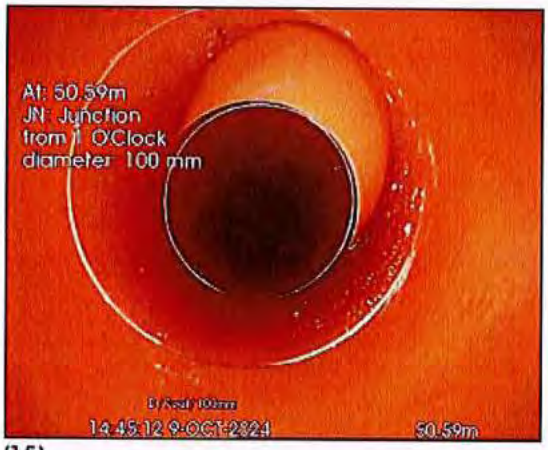

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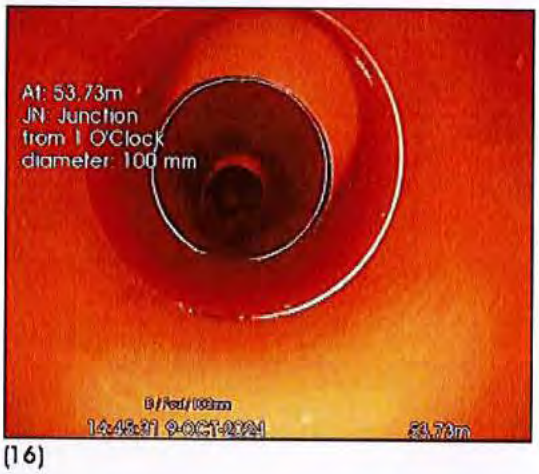

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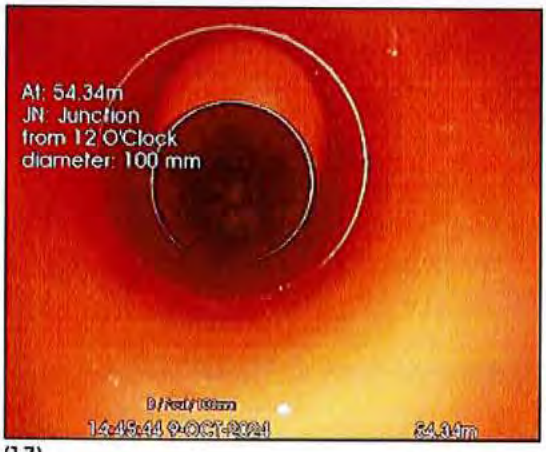

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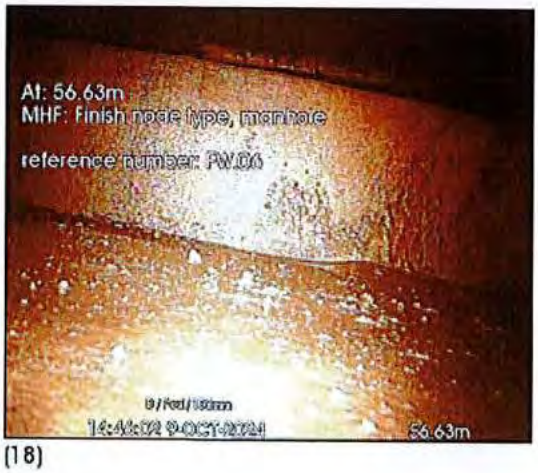

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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
3	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator: KARAN			Cleaned: yes	

Place:		Direction:	Upstream	Start ref:	FW.06
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	FW.03
		Pipe Length:		End depth:	
Use:	Foul	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	100mm		
Purpose:	Post completion inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.00m (FW.06)



Meterage	CD	Code	Observation	Video	Pic.
0.00m		MH	Start node type, manhole reference number: FW.06	00:00:02	(1)
14.65m		MHF	Finish node type, manhole reference number: FW.03	00:00:23	(2)

14.65m (FW.03)

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EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section: 3	Date: 2024-10-21	Job Number: ALDI HORSHAM	Weather: No rain or snow	PLR:
Operator: KARAN			Cleaned: yes	



(1)



(2)

EKO Construction George street West Bromwich West midlands B70 6NH	**Inspection Report**	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
4	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator: KARAN			Cleaned: yes	

Place:		Direction:	Downstream	Start ref:	FW.06
Road:	Z	Catchment:		Start depth:	
Location:	Property with buildings	Total Length:		End ref:	FWS.03
		Pipe Length:		End depth:	
Use:	Foul	Pipe Shape:	circular		
Year Laid:	2024	Width / Height:	100mm		
Purpose:	Post completion inspection of new sewers	Flow Control:			
Lining:		Pipe Material:	polyvinyl chloride		
Comments:					

0.02m (FW.06)



Meterage	CD	Code	Observation	Video	Pic.
0.02m		MH	Start node type, manhole reference number: FW.06	00:00:02	(1)
4.36m		WL	Water level 30%	00:00:20	(2)
4.93m		WL	Water level 5%	00:00:25	(3)
5.63m		MHF	Finish node type, manhole reference number: FWS.03	00:00:29	(4)

5.63m (FWS.03)

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EKO Construction George street West Bromwich West midlands B70 6NH	Inspection Report	EKO Construction George street West Bromwich West midlands B70 6NH

Section:	Date:	Job Number:	Weather:	PLR:
4	2024-10-21	ALDI HORSHAM	No rain or snow	
Operator:			Cleaned:	
KARAN			yes	



(1)



(2)



(3)



(4)

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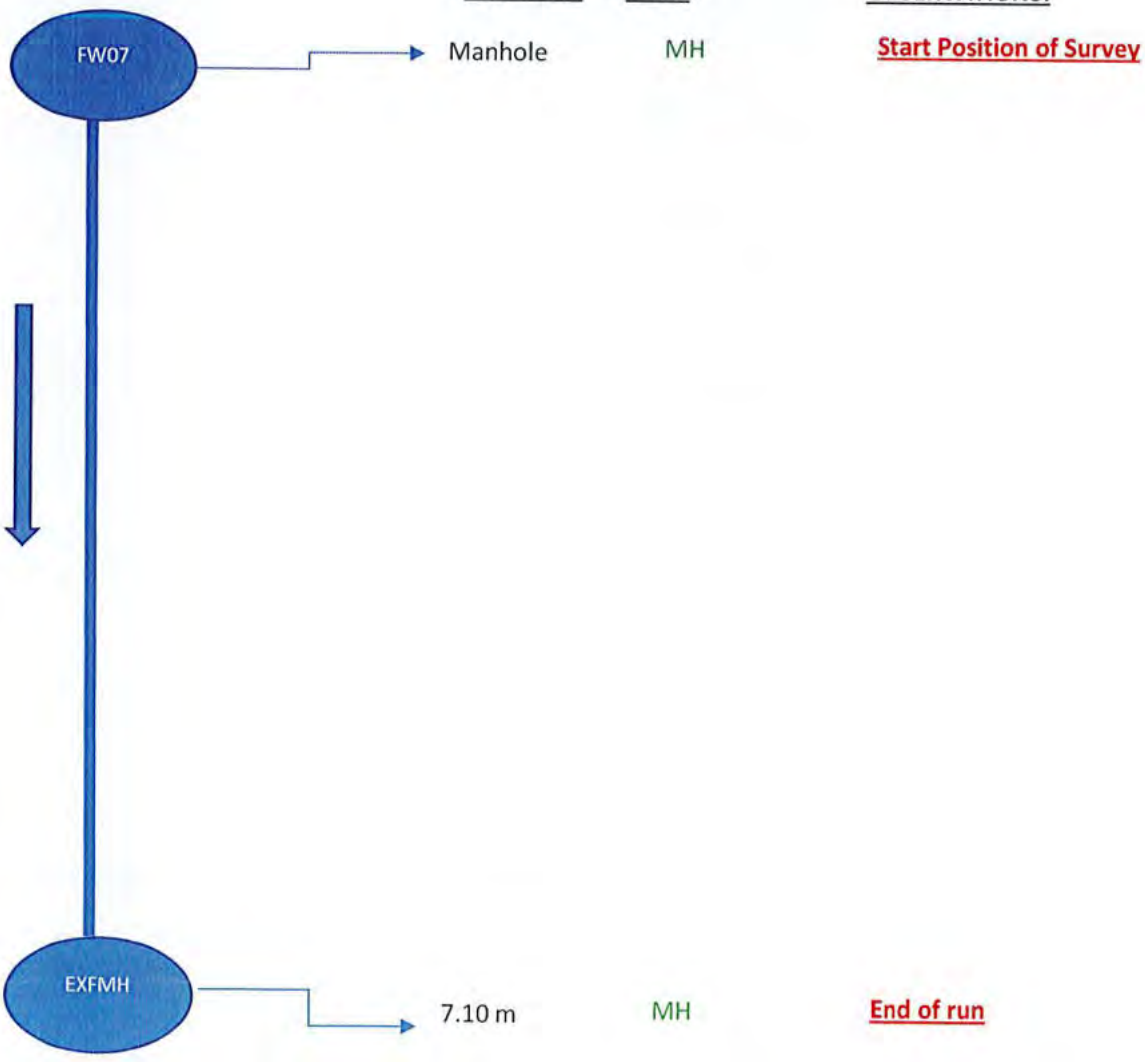
Eko Construction

George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/225	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	FW07-EXFMH	**Pipe Length :**	7.10 m
Use :	Foul	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	100 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	Video – 5		

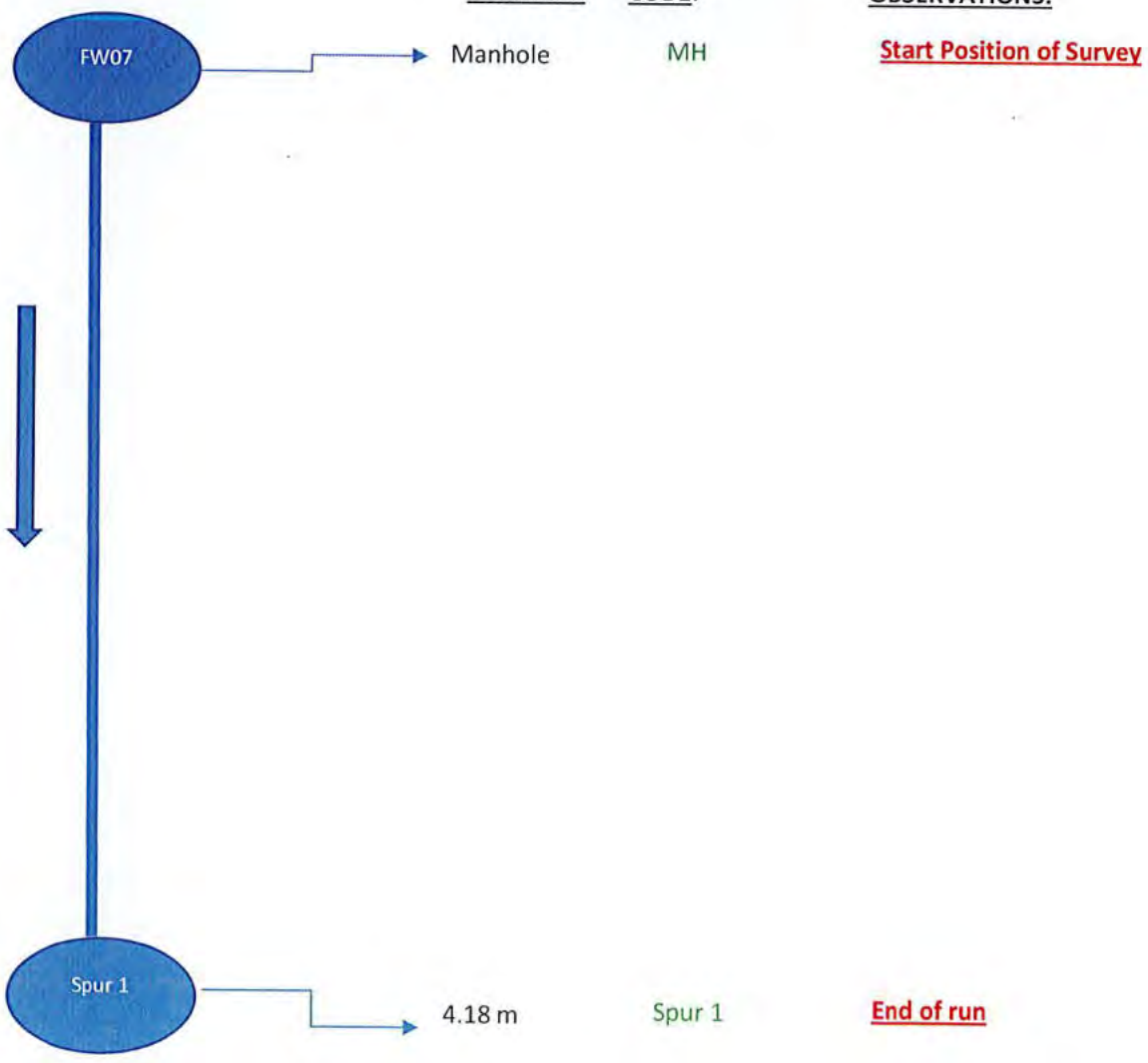


Eko Construction

George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/225	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	FW07-SPUR1	**Pipe Length :**	4.18 m
Use :	Foul	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	100 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	Video – 6		

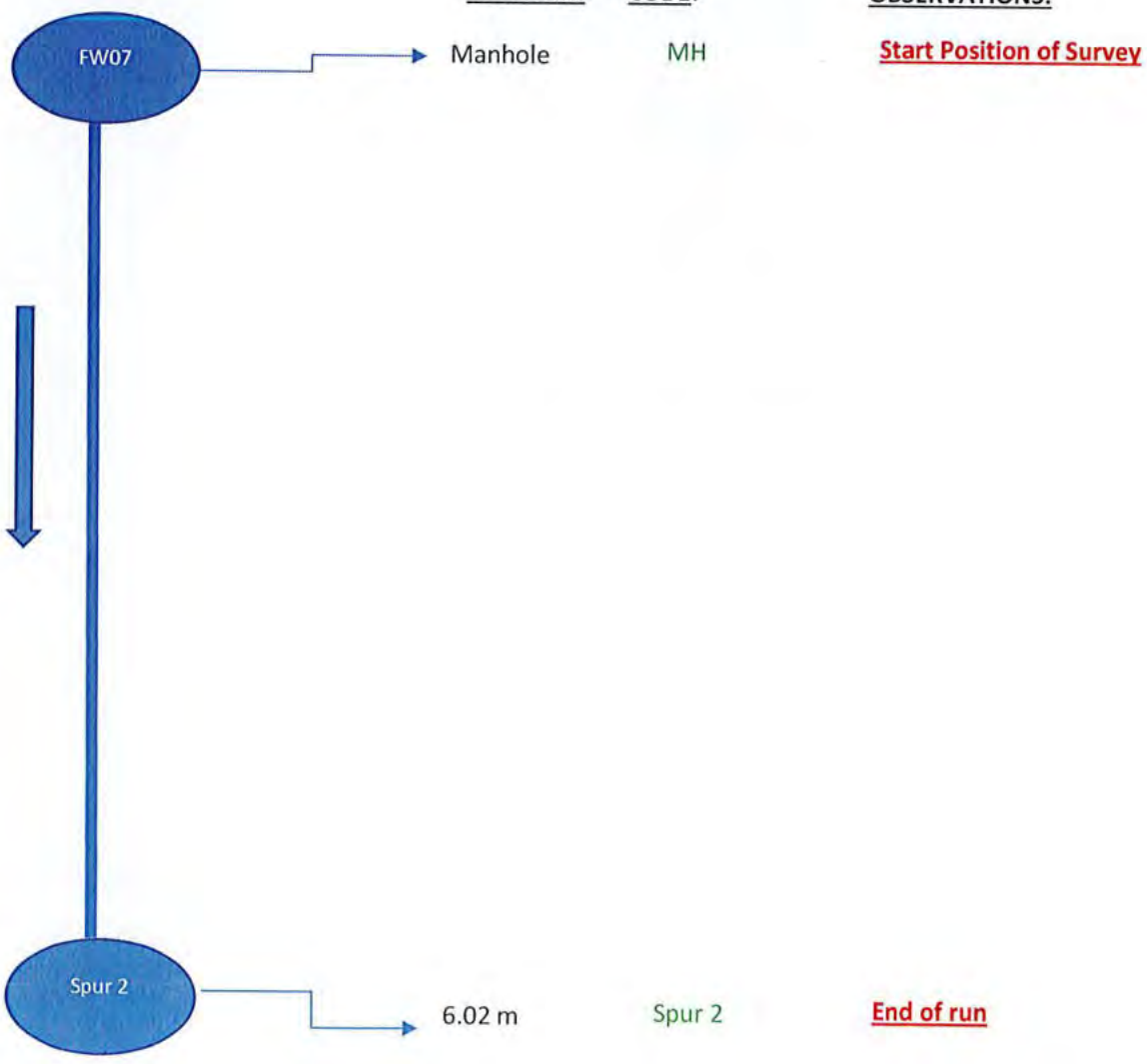


Eko Construction

George Street- West Bromwich -West Midlands -B70 6N

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/225	On Site	Sam	N/A	Dry

Place :	Horsham	**Location Details :**	On Site
Road :	Worthing Road	**Report Number :**	
Inspection :	FW07-SPUR2	**Pipe Length :**	6.02 m
Use :	Foul	**Pipe Shape :**	Circular
Purpose :	Client Request	**Pipe Size :**	100 mm
Survey Length:		**Pipe Material :**	PVC
Comment :	Video – 7		

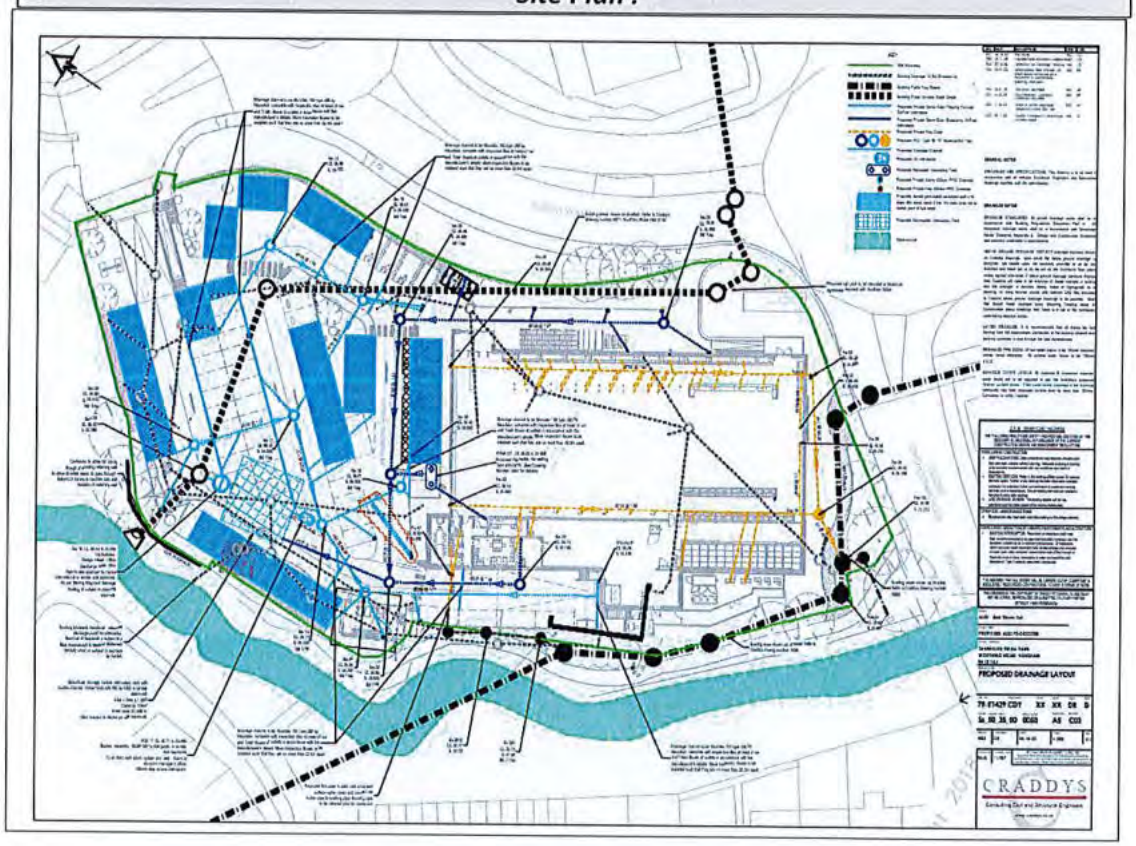


Eko Construction

George Street- West Bromwich -West Midlands -B70 6NH

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/225	On Site	Sam	N/A	Dry

Site Plan :



Drawing Number – SS-50-35-00-0050-Co3

Eko Construction

George Street- West Bromwich -West Midlands -B70 6NH

Address Details					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/225	On Site	Sam	N/A	Dry

Client:	**Canford**
Contact Name:	
Department:	**Construction Management Department**
Road:	**205 FORT DUNLOP FORT PARKWAYS**
Town:	**Birmingham**
County:	
Telephone:	**0121 730 2363**
Mobile:	
E-Mail:	
Other Info :	**B24 9FD**
Site:	**ALDI Superstore**
Contact Name:	
Department:	**Site Management**
Road:	**Worthing Road**
Town:	**Horsham**
County:	UK
Telephone:	
Mobile:	
E-Mail:	
Other Info :	**RH12 1AL**
Contractor:	**J B Construction1**
Contact Name:	**Kevin Tirebuck**
Department:	**Midlands**
Road:	**Union Street, West Bromwich, B70 6BZ**
Town:	**Birmingham**
County:	**West Midlands**
Telephone:	**0121 308 00 88**
Mobile:	
E-Mail:	<kevin.tirebuck@jbconstruction1.co.uk>
Other Info :	

Eko Construction

George Street- West Bromwich -West Midlands -B70 6NH

Drainage Inspection Report					
Date :	**Job Number :**	**Location :**	**Operator :**	**Cleaned :**	**Weather :**
24/10/2024	HOR/JB/225	On Site	Sam	N/A	Dry

Project Codes :			
B	Broken Pipe	LDU	Line Deviates Up
CC	Crack, Circumferential	LDL	Line Deviates Left
CL	Crack, Longitudinal	LDR	Line Deviates Right
CM	Cracks, Multiple	LX	Lining Defect
CU	Loss of Vision	MC	Material Change
CUW	Camera Under Water	OB	Other Obstacles
D	Deformed Pipe/ Sewer	OJL	Open Joint Large
DES	Settled Deposits	OJM	Open Joint Medium
EFP	Existing Foul Pipe	R	Roots
G	Gully	RE	Rodding Eye
H	Hole in Pipe/Sewer	REM	General Remark
I	Infiltration	SC	Dimension of Pipe/Sewer Change
JDL	Joint Displaced Large	SR	Sealing Ring Intrusion
JDM	Joint Displaced Medium	V	Vermin
JN	Junction	VR	Vermin Rat
JX	Defective Junction	WL	Water Level
LC	Lining In Pipe/Sewer	XP	Collapsed Pipe/Sewer
LDD	Line Deviates Down	SA	Survey Abandoned: Unable to push Camera

Report Coding :	
1	Acceptable Structural Condition No Leaks, Blockages or defects
2	Minor collapse risk in short term but potential for further deterioration Moderate joint defects
3	! Collapse unlikely in near future but future deterioration likely ! Pipe: Fractures with deformation
4	!! Collapse likely in foreseeable future !! Pipe: Broken, Deformation up to 10%
5	!!! Collapsed or collapse imminent !!! Pipe: Already collapsed, Deformation over 10% and broken,

REPORT END

APPENDIX E
Drainage O&M Manual

CRADDYS

PRIVATE DRAINAGE O & M MANUAL

FOR

ALDI STORE, TANBRIDGE RETAIL PARK, HORSHAM

CLIENT

ALDI STORES LTD

AUTHOR
CRADDYS

63 MACRAE ROAD
EDEN OFFICE PARK
HAM GREEN
BRISTOL
BS20 0DD

PHONE: 01275 371333
E-MAIL: Nick.Sibanda@Craddys.co.uk

DATE: 22/12/2022
CRADDYS DOCUMENT REFERENCE: 11787w0004

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3. DRAINAGE MAINTENANCE RESPONSIBILITIES 2
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Revision	Date	Notes	Author	Checked	Approved
A	22/12/22	Initial issue	NKS	RH	RAG

1. INTRODUCTION

1.1. **Purpose of this Report.** This document provides the client with all relevant information required for the operation and maintenance of the private drainage on site. The operation and maintenance of adoptable drainage is not covered in this report.

1.2. **CDM Regulations.** The information provided is in line with the requirements of the CDM regulations (2015). For unusual or unforeseeable residual risks associated with the operation, maintenance and decommissioning / dismantling of the drainage, reference should be made to the CDM boxes on the individual drawings.

1.3. **Maintenance.** Refer to sections 4 for full maintenance requirements.

1.4. **Supporting information**. The as-built drawings will be provided in electronic format to accompany this document as part of the H&S file.

2. DESCRIPTION OF THE PROJECT

2.1. **Site location**. Tanbridge Retail Park, Horsham, RH121AJ.

2.2. **Brief**. Developing the Brownfield site with construction of a new Aldi store.

2.3. **Foul Water Drainage**. The foul water drainage for the site discharges to the public foul water sewer onsite.

2.4. **Surface Water Drainage**. The surface water drainage for the site discharges to the public surface water sewer onsite.

3. DRAINAGE MAINTENANCE RESPONSIBILITIES

3.1. All the drainage will be private drainage and will maintained by Aldi Store Ltd's management company with a quantified regime.

4. PRIVATE DRAINAGE OPERATION AND MAINTENANCE ACTIVITIES AND SCHEDULES

4.1. **Overview.** The following information details the drainage items which will require periodic maintenance, and sets out how often they should be maintained to achieve their maximum design life in accordance with CIRIA C753 guidance. All maintenance should be carried out by suitably trained individuals using the appropriate equipment.

4.2. **Back-inlet gullies.** Inspection and removal of leaves from gully gratings at least once a year (preferably in the spring after leaf fall in the autumn).

4.3. **Inspection chambers and manholes.** Inspection chambers and manholes should be inspected annually for build-up of silt and general debris. Should silt/debris be identified in the drainage system, the services of a specialist drainage engineer should be enlisted.

4.4. **Unusual / unresolved problems.** If problems persist even after following the following guidelines including the jet-cleaning if necessary, this might indicate greater issues within the system. At this point, a CCTV survey is likely to be required and further advice should be sought from a drainage engineer.

4.5. **Cellular storage.** This surface water drainage system is designed to be maintenance free. Therefore, the likelihood of silt entering the tank is very minimal. Refer to the table below which is based on Table 21.3 of the CIRIA C753 for the synthesised maintenance requirements. Reference should be also be made to the Access and Maintenance document by Environmental Sustainable Solutions Ltd, the Versavoid tank supplier. Where guidance contradicts, the Access and Maintenance document by Environmental Sustainable Solutions Ltd should take precedence. A copy of the Access and Maintenance document by Environmental Sustainable Solutions Ltd will be issued as part of the Health and Safety File.

O&M Requirements for Attenuation Storage Tanks (Table 21.3 of CIRIA C753)

Maintenance schedule	Required action	Typical frequency
Regular maintenance	Inspect and identify any areas that are not operating correctly. If required, take remedial action	Monthly for 3 months, then annually
	Remove debris from the catchment surface (where it may cause risks to performance)	Monthly
	For systems where rainfall infiltrates into the tank from above, check surface of filter for blockage by sediment, algae or other matter; remove and replace surface infiltration medium as necessary.	Annually
	Remove sediment from pre-treatment structures and/ or internal forebays	Annually, or as required
Remedial actions	Repair/rehabilitate inlets, outlet, overflows and vents	As required
Monitoring	Inspect/check all inlets, outlets, vents and overflows to ensure that they are in good condition and operating as designed	Annually
	Survey the pipe that runs through the tank for sediment build-up and remove if necessary	Every 5 years or as required

4.6. **Silt traps and hydrobrake chamber.** The silt traps and the hydrobrake chambers should be inspected monthly for the first three months following commissioning and six-monthly thereafter. It will be necessary to hose down and remove any silt from the chamber sumps. If a blockage occurs within a hydrobrake chamber, this can usually be overcome by operating the by-pass door using the rope provided. This will empty the chamber of water down to the level of the outlet allowing further maintenance to be carried out if required.

Silt Traps and Hydrobrake Chamber O&M Requirements (Based on Table 13.1 of CIRIA C753)

Maintenance schedule	Required action	Typical frequency
Regular maintenance	Inspect for sediment and debris in chamber sump	Annually
	Cleaning of gutters and any filters on downpipes	Annually (or as required based on inspections)
Occasional maintenance	Properly maintain pre-treatment components, i.e. gutters and permeable pavements. Check the hydrobrake chamber for blockages.	As required, based on inspections
Remedial actions	Check the condition of the hydrobrake and operation of by-pass door and replace if necessary.	As required
Monitoring	Inspect the hydrobrake and note rate of sediment accumulation	Monthly in the first year and then annually

4.1. **Oil interceptor.** For oil interceptor maintenance see manufacturers website for info on servicing and warrantees.

4.2. **Rainwater Harvesting Systems.** Rainwater harvesting systems should be inspected annually. It will be necessary to clean the tank and inlets/outlet & clear any debris. The filters should be checked and repaired or cleaned every three months.

Operation and maintenance requirements for RWH systems

Maintenance schedule	Required action	Typical frequency
Regular maintenance	Inspection of the tank for debris and sediment build-up, inlets/outlets/withdrawal devices, overflow areas, pumps, filters	Annually (and following poor performance)
	Cleaning of tank, inlets, outlets, gutters, withdrawal devices and roof drain filters of silts and other debris	Annually (and following poor performance)
Occasional maintenance	Cleaning and/or replacement of any filters	Three monthly (or as required)
Remedial actions	Repair of overflow erosion damage or damage to tank	As required
	Pump repairs	As required

APPENDIX F
Terms of Business

TERMS OF BUSINESS

1.0 DEFINITIONS

1.1 The following defined words have the following meanings in this Agreement:
"Offer" means the letter of offer and any appendices and/or attachments thereto issued to the Client by the Consultant.
"Agreement" means the Consultant's letter of offer enclosing these Terms of Business, the Appendix to the offer, and any subsequently agreed variations to the "Agreement".
"The Client" means either the person who, or organisation or company which, accepts the Offer.
"Consultant" means Craddy Pitchers Ltd.
"Services" means the services to be provided for the Client and which the Consultant identifies in the Offer.
"In writing" means any communication sent by mail or by facsimile transmission.
"Force majeure" means any circumstance or condition outside the reasonable control or influence of the Consultant, and includes any deferral in the requirement for the Services by the Client.

1.2 The headings in this Agreement do not affect its construction.

2.0 VARIATIONS

2.1 No variation of any kind to this Agreement may be made without the agreement in writing of the Client and of the Consultant.

3.0 PERFORMANCE

3.1 The Client agrees to supply to the Consultant without charge all the matters and things necessary for the performance of the Services by the Consultant, and also where necessary, to provide facilities and approvals to the Consultant.

3.2 The Consultant shall subject to the Agreement carry out the Services in the Offer and any variation to the Services.

3.3 The Client shall make payment in accordance with the Agreement.

3.4 Unless otherwise agreed in advance, approvals from the Client shall be deemed to have been given unless the Consultant is notified to the contrary within five working days of such approval having been requested.

4.0 INTELLECTUAL PROPERTY & CONFIDENTIALITY

4.1 The copyright and all other intellectual property rights in all work prepared or compiled by the Consultant in the performance of this Agreement remains vested in the Consultant but conditional upon payment of all fees and disbursements properly due the Consultant hereby issues a free licence to the Client to use such work as is supplied under this Agreement, for the purposes for which the work was prepared or compiled, always providing that such licence shall be limited strictly to the works carried out under this Agreement.

4.2 The Client agrees that any know-how, techniques, or processes carried out in the course of the Services are confidential information. The Client shall not without the prior written consent of the Consultant divulge to any party details of any confidential information disclosed by the Consultant in the performance of the Services.

5.0 LIABILITY

5.1 The Consultant undertakes to exercise reasonable skill care and diligence in performing the Services, and shall be liable only for negligent failure in performing the Services.

5.2 In respect of any matter of force majeure the Consultant shall have no liability for his failure or delay in the performance of the Services or any part of them. Where relevant, the Client shall not cease payments to the Consultant under this Agreement throughout any period or periods of force majeure.

5.3 The Client and the Consultant agree that the total liability of the Consultant arising out of or in connection with this Agreement shall not, unless otherwise agreed in writing, exceed £25,000 or ten times the fee received by the Consultant from the Client, whichever is the lesser, howsoever that liability might arise.

5.4 Notwithstanding any provision in this Agreement or the identification of any individual in this Agreement all duties obligations and liabilities arising under or by virtue of this Agreement or which may arise by virtue of common law statute or in equity from the performance of any work contemplated by this Agreement shall be owed or incurred exclusively by the Consultant and not by any employee or member (including any officer or director) of the Consultant. The Client acknowledges that no such individual owes or shall owe any such duty or obligation or shall incur any such liability to the Client and agrees that the Client will not seek to make liable any such individual for any act default omission or negligence committed by the individual whatsoever and irrespective of how such liability may arise. This clause shall not operate to exclude liability for death or personal injury to the Client where the Client is an individual or group of individuals.

5.5 Nothing in this Agreement confers or purports to confer on any third party any benefit or any right to enforce any term of this Agreement.

5.6 Unless specifically noted otherwise in the letter of appointment, liability for any claim(s) arising from pollution or contamination or asbestos is excluded.

6.0 SUSPENSION AND TERMINATION

6.1 The Client and Consultant agree that without prejudice to any other rights and remedies which the Consultant may possess if the Client shall fail to pay the Consultant in full any amount properly due and payable under this Agreement by the final date for payment as defined in 7.3 the Consultant may after giving the Client seven (7) days notice in writing of the same suspend its performance and obligations under this Agreement until payment in full occurs.

6.2 Any period during which the Consultant exercises its right to suspend its performance pursuant to 6.1 shall be disregarded in computing for the purposes of any contractual time limit the time taken by the Consultant, or any of the Consultants' sub-contractors, to complete any Services directly or indirectly affected by the exercise of such right.

6.3 The Client and the Consultant agree that either may give to the other written notice of termination in the following circumstances:-

(a) if fourteen days after having received written notice of a breach of the Agreement, no attempt to rectify that breach has been made; or

(b) the Agreement has been affected by force majeure for at least 60 days.

6.4 In the event of termination under 6.3 of this Agreement, the Client shall pay to the Consultant the following sums:

(a) such payment as is due for the performance of the Services up to and including the day upon which notice of termination was given;

(b) such payment as is due in accordance with 5.2 above;

(c) such monies, if any, as would become due and payable by the Consultant in respect of separate arrangements entered in to by the Consultant in the performance of the Services.

6.5 In the event that the Client instructs the Consultant to carry out the Services in a way which could, in the Consultant's reasonable opinion, lead to a breach of the Environmental Protection Act 1990, the Environment Act 1995, or other Statute, the Consultant may without prejudice to any other remedy, and upon not less than 4 weeks notice, suspend for a period of up to 12 weeks the performance of the Services under this Agreement. If the Client does not, to the reasonable satisfaction of the Consultant, take steps within the period of suspension to remedy any act or instruction that may breach the aforementioned Statutes, then the Consultant may by further notice on the expiry of the period of suspension determine the Agreement forthwith.

7.0 PAYMENT

7.1 Unless noted otherwise in the Agreement, the payment provisions of the Housing Grants, Construction and Regeneration Act 1996, as amended on 1st October 2011, will apply to this agreement.

7.2 Unless noted otherwise in the Agreement, the payment due date for all Craddy Pitchers Ltd. invoices shall be 10 calendar days, excluding bank holidays, after the date of the invoice.

7.3 Unless noted otherwise in the Agreement, the final date for payment for all Craddy Pitchers Ltd. invoices shall be 28 calendar days, excluding bank holidays, after the date of the invoice.

7.4 Interest, at the rate of 4% over the base rate of HSBC Bank plc shall be added to all amounts remaining unpaid after the final date for payment.

8.0 DISPUTES

8.1 Any dispute which cannot be settled amicably shall, in the first instance, be referred to the respective Chief Executive of the Client and the Consultant who shall attempt, in good faith, to resolve the matter.

8.2 In the event of the dispute not being resolved under 8.1 above the matter shall be referred to adjudication in accordance with the Construction Industry Council Model Adjudication Procedure current at the time of referral.

8.3 In the event of either the Client or the Consultant not agreeing with the Decision of an Adjudicator under 8.2 above, the dispute shall be referred to arbitration in accordance with The Institution of Civil Engineers` Arbitration Procedure.

9.0 PERSONNEL

9.1 No Party shall directly solicit the services of any employee, agent or representative of another Party without the prior written consent of that other Party during the term of this Agreement or for the period of six months after the termination of this Agreement. If during the term of this Agreement or for the period of six months after the termination of this Agreement any employee of one Party accepts an offer of employment made by another Party as a result of an introduction in the course of this Agreement, the Party that made the offer of employment shall pay to the other a sum equivalent to six months gross salary of the employee concerned including any monetary bonuses payable to that employee during the term of this Agreement or for the period of six months after termination of this Agreement.

10 CDM REGULATIONS

10.1 The CDM Regulations 2015 (the CDM regs) apply to all building and construction work. Failure to comply with the CDM regs can result in criminal charges and imprisonment.

10.2 It is a requirement that the Client must be aware of its responsibilities under the CDM regs. Refer to http://www.hse.gov.uk/construction/cdm/2015/summary.htm and follow the appropriate link depending upon whether the Client is a commercial client or a domestic client.

10.3 In most circumstances, the Client must appoint a principal designer before any works (design or otherwise) are undertaken.

10.4 If the Client, after following guidance in clause 10.2 and 10.3, is unclear of their duties under the CDM regulations, then the Client should contact the Consultant or another appropriately qualified building professional to ensure without delay that the Client becomes aware of their responsibilities under the CDM regulations.

11.0 APPLICABLE LAW

11.1 The Client and the Consultant agree that the construction, validity and performance of the Agreement shall be governed by and construed under English Law, and for all matters arising under, out of, or in connection with the Agreement, they shall submit themselves to the exclusive jurisdiction of the English Courts.