



Section Inspection - 13/05/2024 - TANK 4 (A)X



Item No. 10	Insp. No. 1	Date 13/05/24	Time 9:49	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR TANK 4 (A)X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Upstream	Upstream Node:	TANK 4 (A)
Road:	Bow Lake Gardens	Inspected Length:	8.30 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	8.30 m	Downstream Node:	S23A
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	1.960 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: HIGH PRESSURE WATER JETTING AND RESURVEY REQUIRED

Scale:	1:72	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.96 m S23A							
		0.00	MH	Start node, manhole, reference: S23A	00:00:00	S23A_TA NK 4 (A)_12.jpg	
		0.00	WL	Water level, 10% of the vertical dimension	00:00:04		
		0.40	LL	Line deviates left: SLIGHT	00:00:11		
		2.60	DES	Settled deposits, fine, 5% cross-sectional area loss	00:00:27		3
		4.10	LL	Line deviates left: SLIGHT	00:00:40		
		6.10	DES	Settled deposits, fine, 10% cross-sectional area loss	00:00:57		3
		7.50	LR	Line deviates right: SHARP	00:01:11		
		8.30	MHF	Finish node, manhole, reference: TANK 4 (A)	00:01:20		
TANK 4 (A) Depth: 0.00 m							

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	2	2.0	0.5	4.0	3.0



Section Pictures - 13/05/2024 - TANK 4 (A)X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
10	Upstream	TANK 4 (A)X	14595	14595



S23A__TANK 4 (A)_12.jpg, 00:00:00, 0.00 m
Start node, manhole, reference: S23A



Section Inspection - 13/05/2024 - TANK 4 (C)X



Item No. 11	Insp. No. 1	Date 13/05/24	Time 9:52	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR TANK 4 (C)X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Upstream	Upstream Node:	TANK 4 (C)
Road:	Bow Lake Gardens	Inspected Length:	7.50 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	7.50 m	Downstream Node:	S23A
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	1.960 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Vitrified clay		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: PATCH REPAIR REQUIRED

Scale:	1:65	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 1.96 m S23A							
		0.00	MH	Start node, manhole, reference: S23A	00:00:00	S23A_TA NK 4 (C)_13.jpg	
		0.00	WL	Water level, 10% of the vertical dimension	00:00:04		
		0.40	LR	Line deviates right: SLIGHT	00:00:11		
		5.10	DES	Settled deposits, fine, 5% cross-sectional area loss	00:00:34		3
		5.30	OJM	Open joint, medium	00:00:38	S23A_TA NK 4 (C)_14.jpg	1
		7.00	LL	Line deviates left: SLIGHT	00:00:51		
		7.50	MHF	Finish node, manhole, reference: TANK 4 (C)	00:00:58		
TANK 4 (C) Depth: 0.00 m							

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

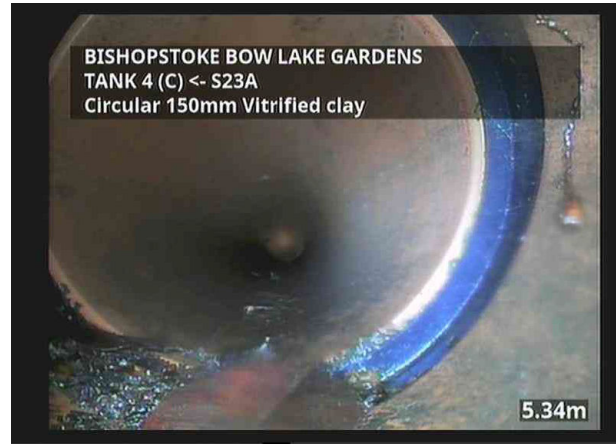
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
1	1.0	0.2	1.0	1.0	1	2.0	0.4	2.0	3.0

Section Pictures - 13/05/2024 - TANK 4 (C)X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
11	Upstream	TANK 4 (C)X	14595	14595



S23A__TANK 4 (C)_13.jpg, 00:00:00, 0.00 m
 Start node, manhole, reference: S23A



S23A__TANK 4 (C)_14.jpg, 00:00:38, 5.30 m
 Open joint, medium



Section Inspection - 13/05/2024 - IC.3X



Item No. 12	Insp. No. 1	Date 13/05/24	Time 10:17	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR IC.3X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Downstream	Upstream Node:	IC.3
Road:	Bow Lake Gardens	Inspected Length:	0.00 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	3.00 m	Downstream Node:	TANK 1
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	0.000 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: ACCESS REQUIRED TO OBTAIN SURVEY

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: IC.3	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:00		
		0.00	REM	General remark: UNABLE TO SURVEY, IC UNDER CAR AND HOME OWNER NOT IN	00:00:00		
		0.00	SA	Survey abandoned: UNABLE TO SURVEY, IC UNDER CAR AND HOME OWNER NOT IN	00:00:00		
		3.00		End of pipe			

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 13/05/2024 - RE.1X



Item No. 13	Insp. No. 1	Date 13/05/24	Time 10:27	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR RE.1X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Downstream	Upstream Node:	RE.1
Road:	Bow Lake Gardens	Inspected Length:	0.00 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	3.00 m	Downstream Node:	TANK 2
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	0.000 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: ACCESS REQUIRED TO OBTAIN SURVEY

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	RE	Start node, rodding eye, reference: RE.1	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:00		
		0.00	REM	General remark: UNABLE TO SURVEY, NO ACCESS FROM TANK AND RODDING EYE DOES NOT EXIST	00:00:00		
		0.00	SA	Survey abandoned: UNABLE TO SURVEY, NO ACCESS FROM TANK AND RODDING EYE DOES NOT EXIST	00:00:00		
		3.00		End of pipe			

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 13/05/2024 - RE.2X



Item No. 14	Insp. No. 1	Date 13/05/24	Time 10:31	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR RE.2X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Downstream	Upstream Node:	RE.2
Road:	Bow Lake Gardens	Inspected Length:	0.00 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	6.00 m	Downstream Node:	TANK 2
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	0.000 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: ACCESS REQUIRED TO OBTAIN SURVEY

Scale:	1:52	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m RE.2							
	0.00	RE	Start node, rodding eye, reference: RE.2	00:00:00			
	0.00	WL	Water level, 0% of the vertical dimension	00:00:00			
	0.00	REM	General remark: UNABLE TO SURVEY FROM RODDING EYE, NOBODY HOME AND NO ACCESS ON TANK	00:00:00			
	0.00	SA	Survey abandoned: UNABLE TO SURVEY FROM RODDING EYE, NOBODY HOME AND NO ACCESS ON TANK	00:00:00			
	6.00		End of pipe				
TANK 2 Depth: 0.00 m							

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 13/05/2024 - RE.3X



Item No. 15	Insp. No. 1	Date 13/05/24	Time 10:38	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR RE.3X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Downstream	Upstream Node:	RE.3
Road:	Bow Lake Gardens	Inspected Length:	0.00 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	6.00 m	Downstream Node:	TANK 2
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	0.000 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: ACCESS REQUIRED TO OBTAIN SURVEY

Scale:	1:52	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m RE.3							
		0.00	RE	Start node, rodding eye, reference: RE.3	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:00		
		0.00	REM	General remark: UNABLE TO SURVEY FROM RODDING EYE, NOBODY HOME AND NO ACCESS ON TANK	00:00:00		
		0.00	SA	Survey abandoned: UNABLE TO SURVEY FROM RODDING EYE, NOBODY HOME AND NO ACCESS ON TANK	00:00:00		
		6.00		End of pipe			
				TANK 2 Depth: 0.00 m			

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0



Section Inspection - 13/05/2024 - IC.4X



Item No. 16	Insp. No. 1	Date 13/05/24	Time 10:45	Client's Job Ref 14595	Weather No Rain Or Snow	Pre Cleaned No	PLR IC.4X
Operator JM10		Vehicle P30 CVS		Camera Flexi Rod	Preset Length 0.40 m	Legal Status Public Sewer	Alternative ID Not Specified

Town or Village:	Bishopstoke	Inspection Direction:	Downstream	Upstream Node:	IC.4
Road:	Bow Lake Gardens	Inspected Length:	0.00 m	Upstream Pipe Depth:	0.000 m
Location:	Property or buildings	Total Length:	6.00 m	Downstream Node:	TANK 2
Surface Type:	Block Paved	Joint Length:	0.90 m	Downstream Pipe Depth:	0.000 m
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	2010	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations: ACCESS REQUIRED TO OBTAIN SURVEY

Scale:	1:52	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: 0.00 m IC.4							
		0.00	IC	Start node, inspection chamber, reference: IC.4	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:00		
		0.00	REM	General remark: UNABLE TO SURVEY FROM IC, NOBODY HOME AND NO ACCESS ON TANK	00:00:00		
		0.00	SA	Survey abandoned: UNABLE TO SURVEY FROM IC, NOBODY HOME AND NO ACCESS ON TANK	00:00:00		
		6.00		End of pipe			
				TANK 2 Depth: 0.00 m			

Construction Features

Structural Defects

Miscellaneous Features

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

MH Cards



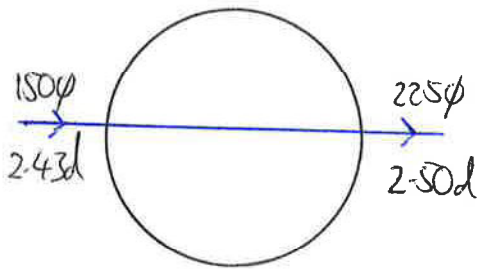
Manhole Sketch form

①

Job Name : Bow Lake Gardens

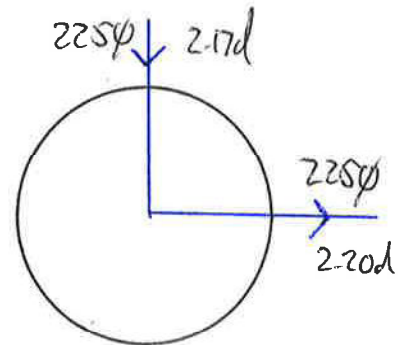
Job Number: 14595

MH S12



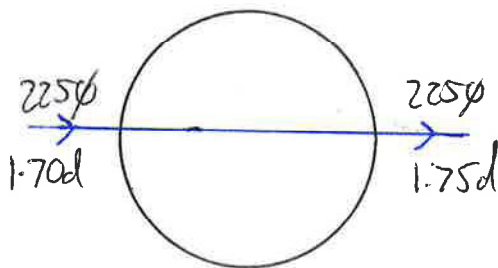
Chamber size - 1200φ
Chamber condition/remarks - Good

MH S10



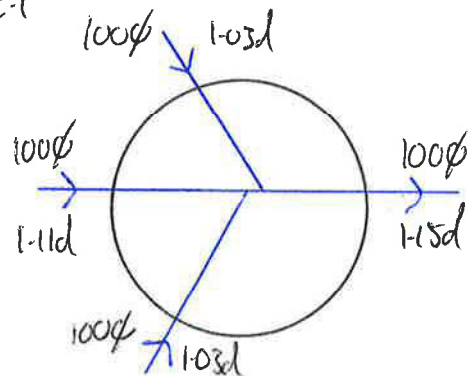
Chamber size - 1200φ
Chamber condition/remarks - Good

MH S18



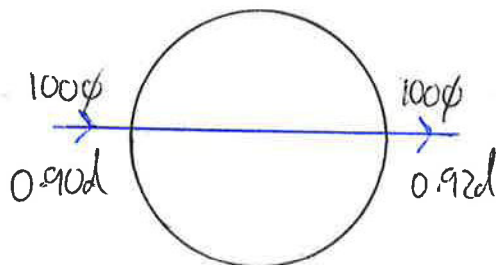
Chamber size - 1200φ
Chamber condition/remarks - Good

MH IC-1



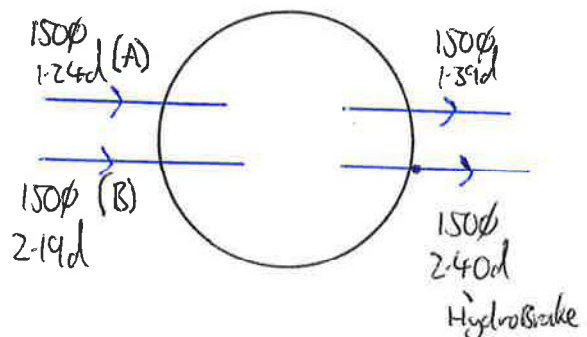
Chamber size - 2500φ
Chamber condition/remarks - Good

MH IC-2



Chamber size - 450φ
Chamber condition/remarks - Good

MH S24



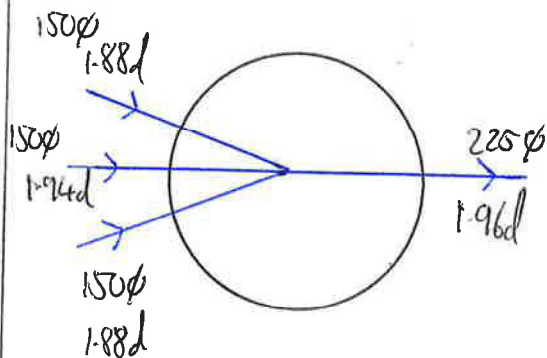
Chamber size - 1200φ
Chamber condition/remarks - Good

Manhole Sketch form

Job Name : Bow Lake Gardens

Job Number: 14895

MH 523A



Chamber size - 1200φ
Chamber condition/remarks - Good

MH

Chamber size
Chamber condition/remarks

MH

Chamber size
Chamber condition/remarks

MH

Chamber size
Chamber condition/remarks

MH

Chamber size
Chamber condition/remarks

MH

Chamber size
Chamber condition/remarks

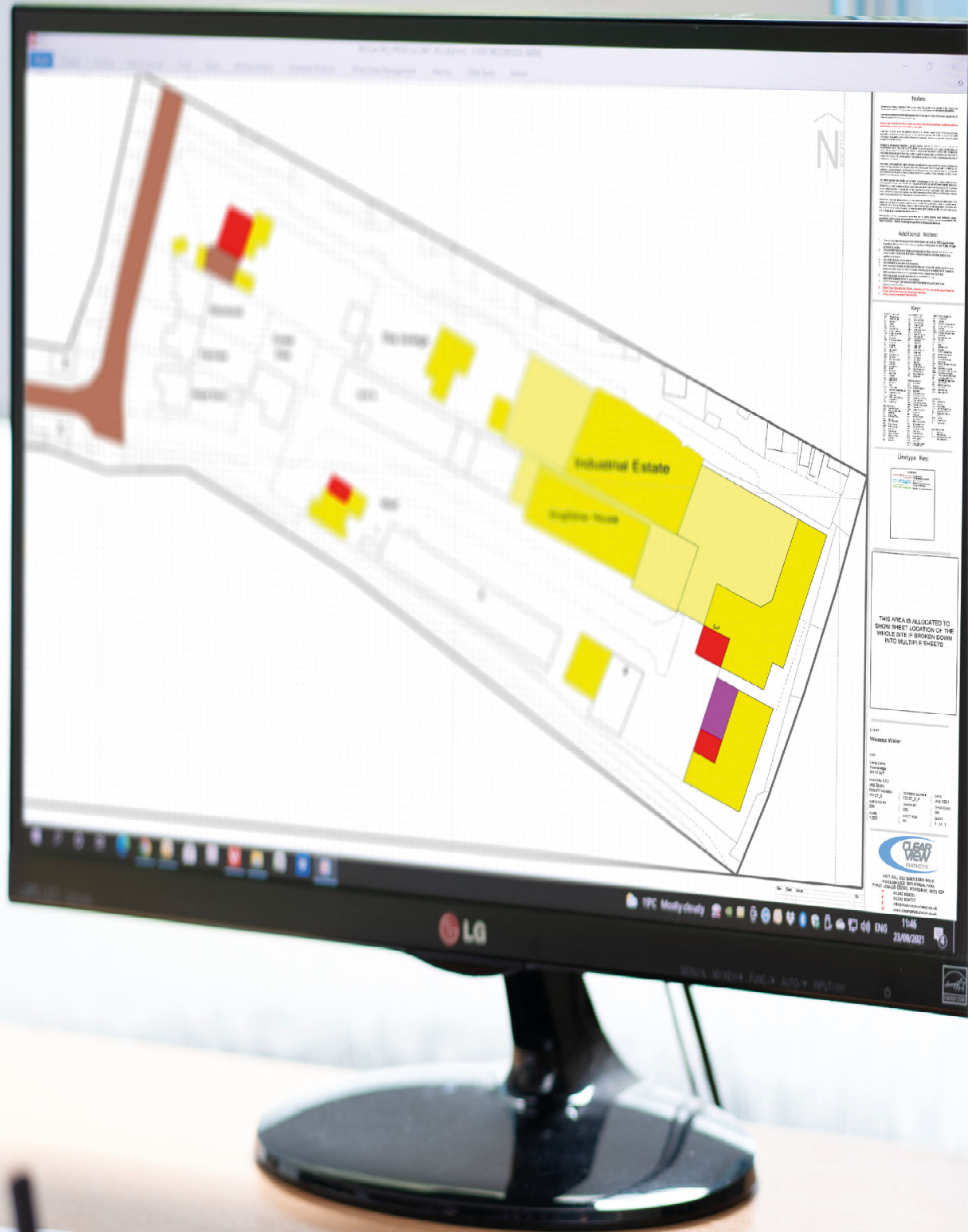
Recommendations

IF YOU REQUIRE A QUOTATION FOR THE
REMEDIAL REPAIRS RECOMMENDED IN THIS
REPORT INCLUDING DRAIN LINING, PATCH REPAIRS
AND EXCAVATIONS PLEASE CALL 01202 828281

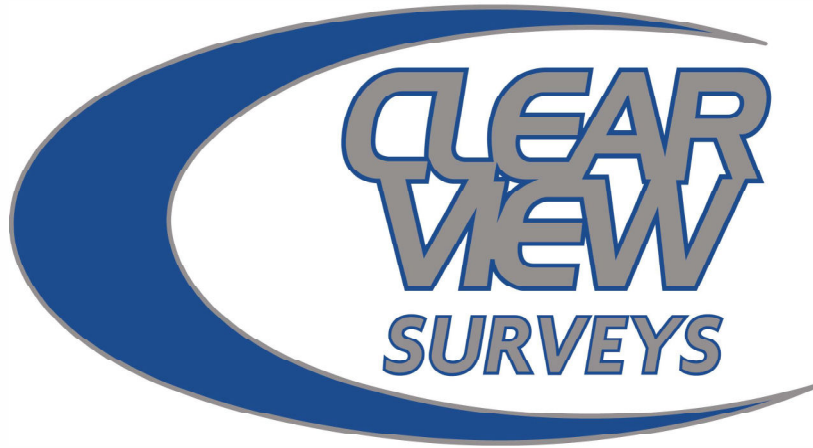


14595 Recommendations							
Item No.	Upstream Node	Downstream Node	Dia/Height (mm)	Upstream Pipe Depth (m)	Downstream Pipe Depth (m)	Recommendations	Grade (Structural)
1	TANK 2	S12	150	0	2.5	REMEDIAL WORKS REQUIRED	1
2	TANK 1	S10	225	0	2.2	NO FURTHER WORKS REQUIRED	1
3	TANK 3	S18	225	0	1.75	NO FURTHER WORKS REQUIRED	1
4	IC.1	TANK 3	100	1.1499	0	NO FURTHER WORKS REQUIRED	1
5	IC.2	TANK 3	100	0.92	0	HIGH PRESSURE WATER JETTING AND RESURVEY REQUIRED	1
6	TANK 5 (A)	S24 (A)	150	0	1.24	NO FURTHER WORKS REQUIRED	1
7	TANK 5 (B)	S24 (B)	150	0	2.19	HIGH PRESSURE WATER JETTING AND RESURVEY REQUIRED	1
8	S24	TANK 4	150	1.3899	0	PATCH REPAIR REQUIRED	1
9	TANK 4 (B)	S23A	150	0	1.96	NO FURTHER WORKS REQUIRED	1
10	TANK 4 (A)	S23A	150	0	1.96	HIGH PRESSURE WATER JETTING AND RESURVEY REQUIRED	1
11	TANK 4 (C)	S23A	150	0	1.96	PATCH REPAIR REQUIRED	1
12	IC.3	TANK 1	100	0	0	ACCESS REQUIRED TO OBTAIN SURVEY	1
13	RE.1	TANK 2	100	0	0	ACCESS REQUIRED TO OBTAIN SURVEY	1
14	RE.2	TANK 2	100	0	0	ACCESS REQUIRED TO OBTAIN SURVEY	1
15	RE.3	TANK 2	100	0	0	ACCESS REQUIRED TO OBTAIN SURVEY	1
16	IC.4	TANK 2	100	0	0	ACCESS REQUIRED TO OBTAIN SURVEY	1

Drainage Layout Drawings







End of Report

Disclaimer:

Positions of the pipe-runs contained within this report are provided for identification purposes only. No warranty as to accuracy is given or implied. The precise route of pipework may not exactly match that shown.

You are advised to commence excavations using hand tools only. Mechanical digging equipment should not be used until pipe work has been precisely located by a surveyor.

Clearview Surveys Limited do not accept liability for inaccuracies in the indicative positions shown.

Drain and sewer performance is known to alter over time, so liability cannot be accepted for differences between the recorded data and the actual data at a time after this report was generated.