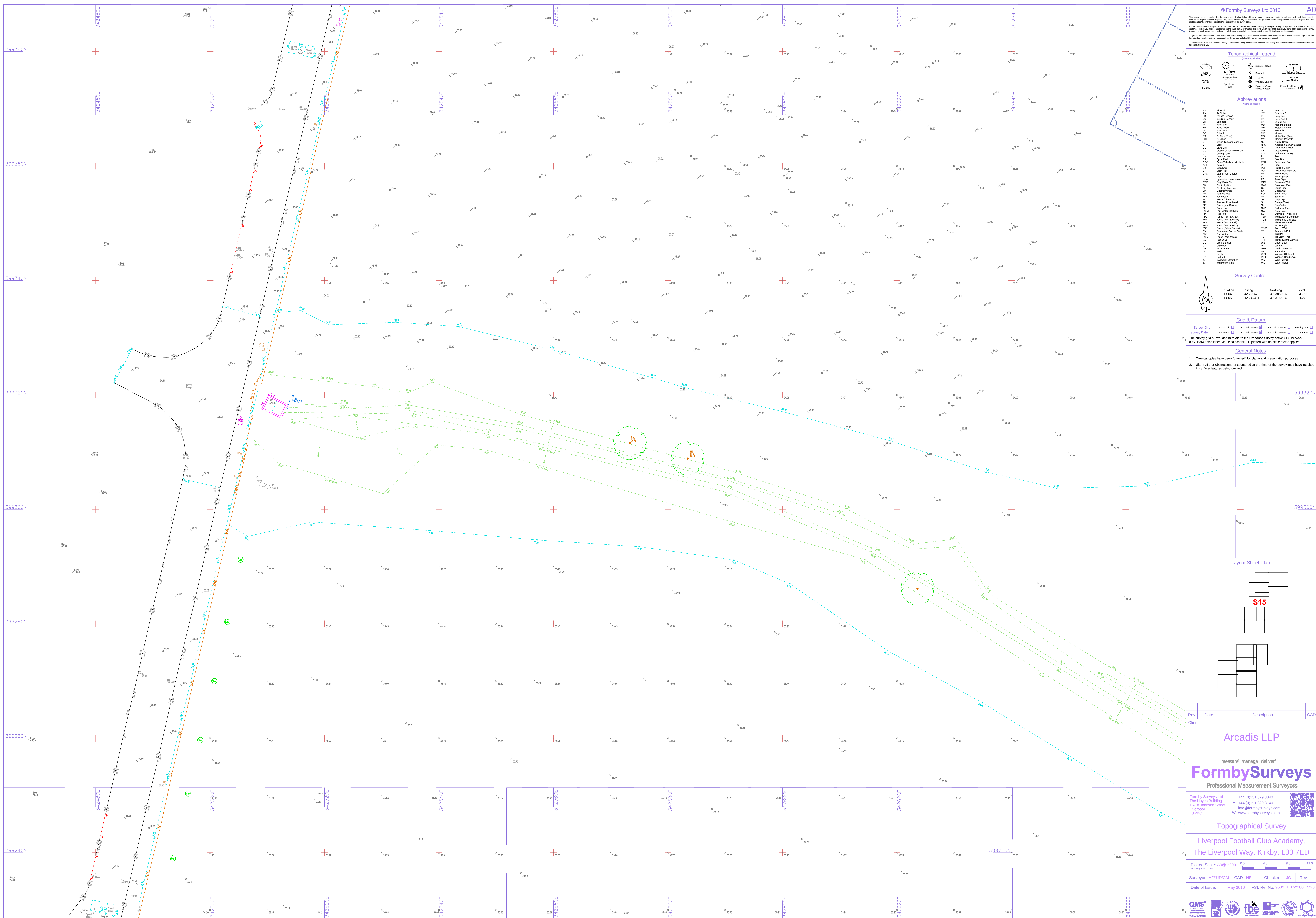
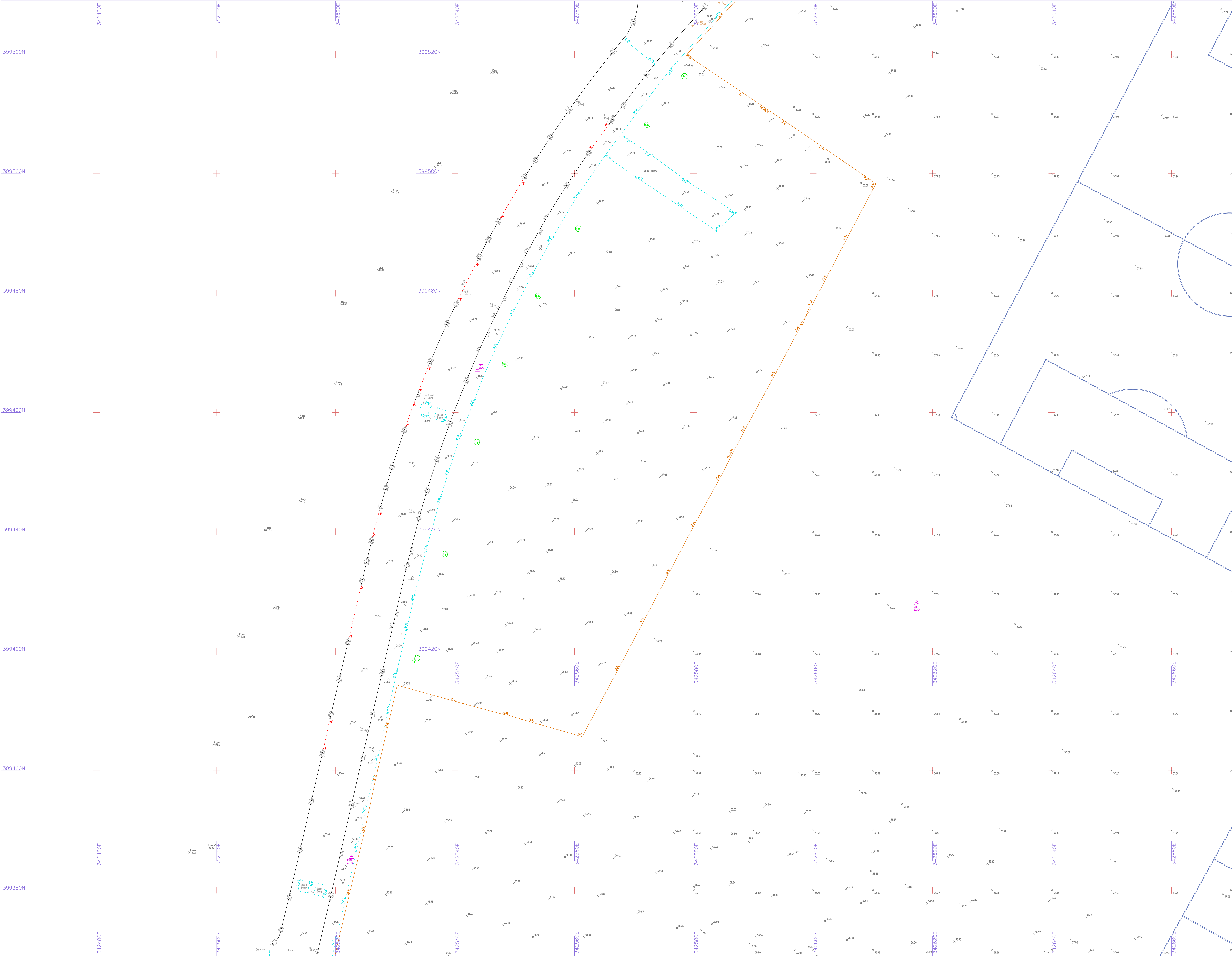






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The survey has been produced at the surveyor's discretion and is not intended to be used for any purpose other than the original intended purpose. The surveyor shall not be responsible for any errors or omissions in the survey or for any loss or damage caused by the use of the survey. The surveyor shall not be responsible for any errors or omissions in the survey or for any loss or damage caused by the use of the survey.

It is the user's responsibility to ensure that the survey is used for the original intended purpose and that it is not used for any other purpose. The surveyor shall not be responsible for any errors or omissions in the survey or for any loss or damage caused by the use of the survey.

All agreed features that are visible at the time of the survey have been located. Features that may have been obscured by trees and other vegetation have been marked with a cross and a note indicating their location. Features that are not visible at the time of the survey have been marked with a cross and a note indicating their location.

All measurements in this survey are in metres and are rounded to the nearest millimetre. All other information should be reported in the appropriate units.

Building

Tree

Boundary

Survey Station

Spot Height

Contour

Photograph

Building

Tree

Boundary

Survey Station

Spot Height

Contour

Photograph

Abbreviations

Survey Station

Spot Height

Contour

Photograph

Survey Control

Station

Eastings

Northings

Level

Grid & Datum

Survey Grid

Local Grid

Nat. Grid

OS Grid

OS Grid

General Notes

1. Tree canopies have been "trimmed" for clarity and presentation purposes.

2. Site traffic or obstructions encountered at the time of the survey may have resulted in surface features being omitted.

Layout Sheet Plan

Rev

Date

Description

CAD

Client

Arcadis LLP

measure' manage' deliver'

FormbySurveys

Professional Measurement Surveyors

Formby Surveys Ltd

The Hayes Building

15-19 Johnson Street

Liverpool

L3 2BQ

Topographical Survey

Liverpool Football Club Academy,

The Liverpool Way, Kirkby, L33 7ED

Plotted Scale: A0@1:200

0.0

4.0

8.0

12.0m

Surveyor: AFJ/3D/CM

CAD: NB

Checker: JO

Rev:

Date of issue: May 2016

FSL Ref No: 9539_T_P2.200.17.20

QMS

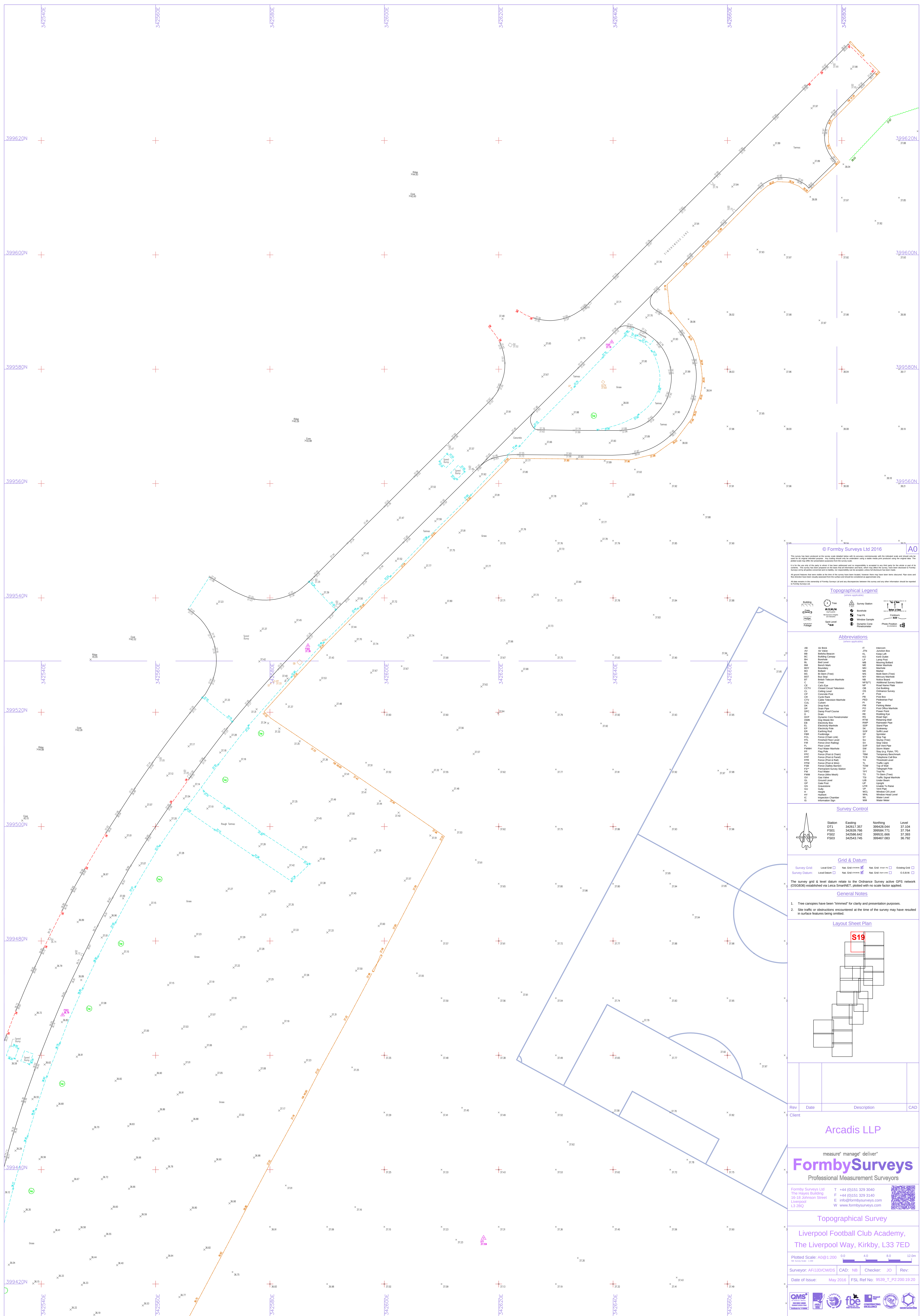
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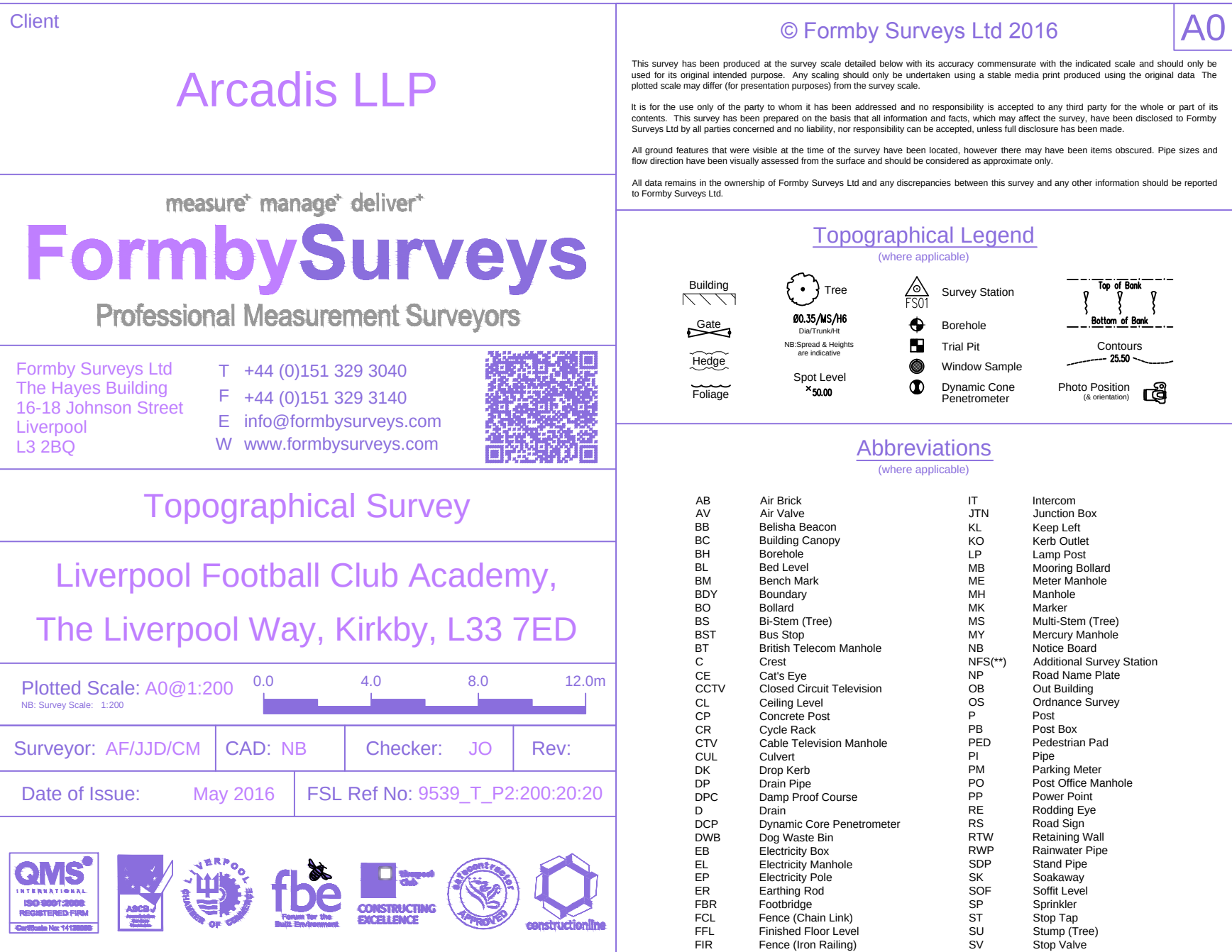
fbe

BSI

BSI

BSI





Appendix C – UU Sewer Records

Curtins Consulting Ltd

**51-55
Tithebarn Street,
Liverpool,
L2 2SB**

FAO:

How to contact us:

**United Utilities Water Limited
Property Searches
Haweswater House
Lingley Mere Business Park
Great Sankey
Warrington
WA5 3LP**

Telephone: 0370 7510101

E-mail: propertysearches@uuplc.co.uk

**Your Ref: 27930 - 088269-LFC_Academy
Our Ref: UUPS-ORD-690395
Date: 10/11/2025**

Dear Sirs

Location: LFC Academy

I acknowledge with thanks your request dated 07/11/2025 for information on the location of our services.

Please find enclosed plans showing the approximate position of United Utilities' apparatus known to be in the vicinity of this site.

The enclosed plans are being provided to you subject to the United Utilities terms and conditions for both the wastewater and water distribution plans which are shown attached.

If you are planning works anywhere in the North West, please read United Utilities' access statement before you start work to check how it will affect our network. <http://www.unitedutilities.com/work-near-asset.aspx>.

I trust the above meets with your requirements and look forward to hearing from you should you need anything further.

If you have any queries regarding this matter please [contact us](#).

Yours Faithfully,



Karen McCormack
Property Searches Manager

TERMS AND CONDITIONS - WASTEWATER AND WATER DISTRIBUTION PLANS

These provisions apply to the public sewerage, water distribution and telemetry systems (including sewers which are the subject of an agreement under Section 104 of the Water Industry Act 1991 and mains installed in accordance with the agreement for the self construction of water mains) (UUWL apparatus) of United Utilities Water Limited "(UUWL)".

TERMS AND CONDITIONS:

- This Map and any information supplied with it is issued subject to the provisions contained below, to the exclusion of all others and no party relies upon any representation, warranty, collateral contract or other assurance of any person (whether party to this agreement or not) that is not set out in this agreement or the documents referred to in it.
- This Map and any information supplied with it is provided for general guidance only and no representation, undertaking or warranty as to its accuracy, completeness or being up to date is given or implied.
- In particular, the position and depth of any UUWL apparatus shown on the Map are approximate only. UUWL strongly recommends that a comprehensive survey is undertaken in addition to reviewing this Map to determine and ensure the precise location of any UUWL apparatus. The exact location, positions and depths should be obtained by excavation trial holes.
- The location and position of private drains, private sewers and service pipes to properties are not normally shown on this Map but their presence must be anticipated and accounted for and you are strongly advised to carry out your own further enquiries and investigations in order to locate the same.
- The position and depth of UUWL apparatus is subject to change and therefore this Map is issued subject to any removal or change in location of the same. The onus is entirely upon you to confirm whether any changes to the Map have been made subsequent to issue and prior to any works being carried out.
- This Map and any information shown on it or provided with it must not be relied upon in the event of any development, construction or other works (including but not limited to any excavations) in the vicinity of UUWL apparatus or for the purpose of determining the suitability of a point of connection to the sewerage or other distribution systems.
- No person or legal entity, including any company shall be relieved from any liability howsoever and whensoever arising for any damage caused to UUWL apparatus by reason of the actual position and/or depths of UUWL apparatus being different from those shown on the Map and any information supplied with it.
- If any provision contained herein is or becomes legally invalid or unenforceable, it will be taken to be severed from the remaining provisions which shall be unaffected and continue in full force and effect.
- This agreement shall be governed by English law and all parties submit to the exclusive jurisdiction of the English courts, save that nothing will prevent UUWL from bringing proceedings in any other competent jurisdiction, whether concurrently or otherwise.



The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.

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Reho	Cover	Func	Invert	Size x	Size y	Shape	Matl	Length	Grad	Reho	Cover	Func	Invert	Size x	Size y	Shape	Matl	Length	Grad
3207	11.4177	SW	0	150	150	VC	11.7067	11.7067	1 in 100	3208	38.88	FO	34.88	150	150	VC	11.7067	11.7067	1 in 100
1406	11.7067	FO	0	150	150	VC	11.7067	11.7067	1 in 100	3209	36.39	FO	33.34	225	225	VC	11.7067	11.7067	1 in 100
1801	35.02	FO	31.91	150	150	VC	11.7067	11.7067	1 in 100	3210	35.59	FO	32.34	225	225	VC	11.7067	11.7067	1 in 100
1907	35.6	FO	32.88	150	150	VC	11.7067	11.7067	1 in 100	3211	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
1003	35.71	CO	33.48	375	375	VC	11.7067	11.7067	1 in 100	3212	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2002	36.05	FO	33.26	225	225	VC	11.7067	11.7067	1 in 100	3213	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
1608	35.56	SW	0	225	225	VC	11.7067	11.7067	1 in 100	3214	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0403	32.41	SW	30.36	225	225	VC	11.7067	11.7067	1 in 100	3215	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2715	37.2	SW	34.97	150	150	VC	11.7067	11.7067	1 in 100	3216	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0005	37.2	SW	34.97	150	150	VC	11.7067	11.7067	1 in 100	3217	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2912	36.24	FO	34.69	150	150	VC	11.7067	11.7067	1 in 100	3218	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
3602	37.65	SW	0	225	225	VC	11.7067	11.7067	1 in 100	3219	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0503	32.45	FO	30.16	225	225	VC	11.7067	11.7067	1 in 100	3220	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2504	34.65	SW	32.16	375	375	VC	11.7067	11.7067	1 in 100	3221	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
1601	35.1	FO	0	225	225	VC	11.7067	11.7067	1 in 100	3222	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
4003	37.18	SW	0	225	225	VC	11.7067	11.7067	1 in 100	3223	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2801	35.86	FO	32.46	225	225	VC	11.7067	11.7067	1 in 100	3224	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2804	36.07	SW	0	450	450	VC	11.7067	11.7067	1 in 100	3225	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0508	35.27	FO	32.74	150	150	VC	11.7067	11.7067	1 in 100	3226	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
1701	36.13	SW	0	225	225	VC	11.7067	11.7067	1 in 100	3227	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2709	36.75	SW	0	375	375	VC	11.7067	11.7067	1 in 100	3228	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0701	36.07	FO	33	150	150	VC	11.7067	11.7067	1 in 100	3229	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
1902	36.52	SW	34.41	225	225	VC	11.7067	11.7067	1 in 100	3230	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2608	36.24	SW	0	375	375	VC	11.7067	11.7067	1 in 100	3231	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0523	36.03	FO	33.41	150	150	VC	11.7067	11.7067	1 in 100	3232	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0523	36.03	FO	33.41	150	150	VC	11.7067	11.7067	1 in 100	3233	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2008	36.44	FO	34.15	225	225	VC	11.7067	11.7067	1 in 100	3234	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0704	34.31	FO	32.5	325	325	VC	11.7067	11.7067	1 in 100	3235	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9706	34.29	SW	32.68	225	225	VC	11.7067	11.7067	1 in 100	3236	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
1001	35.41	SW	0	375	375	VC	11.7067	11.7067	1 in 100	3237	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0609	33.41	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3238	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9612	36.01	SW	0	150	150	VC	11.7067	11.7067	1 in 100	3239	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
2503	34.6	FO	31.36	225	225	VC	11.7067	11.7067	1 in 100	3240	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0804	34.6	FO	31.36	225	225	VC	11.7067	11.7067	1 in 100	3241	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0704	34.6	FO	31.36	225	225	VC	11.7067	11.7067	1 in 100	3242	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9804	34.6	FO	31.36	225	225	VC	11.7067	11.7067	1 in 100	3243	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9515	34.6	FO	31.36	225	225	VC	11.7067	11.7067	1 in 100	3244	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0508	31.51	FO	29.35	225	225	VC	11.7067	11.7067	1 in 100	3245	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0707	31.61	FO	29.35	225	225	VC	11.7067	11.7067	1 in 100	3246	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
0905	35.53	FO	32.68	225	225	VC	11.7067	11.7067	1 in 100	3247	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
3904	36.28	FO	33.88	225	225	VC	11.7067	11.7067	1 in 100	3248	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9506	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3249	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3250	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3251	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3252	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3253	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3254	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3255	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3256	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3257	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3258	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3259	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3260	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3261	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3262	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3263	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3264	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3265	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3266	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3267	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3268	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3269	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3270	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3271	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3272	35.5	SW	0	225	225	VC	11.7067	11.7067	1 in 100
9510	33.07	FO	30.87	225	225	VC	11.7067	11.7067	1 in 100	3273	35								



Reho	Cover	Func	Invert	Size x	Size y	Shape	Matl	Length	Grad
8705	38.69	FO	33.9	300			VC	64.4722	1 in 239
8701	38.67	FO	35.3	300			VC	19.24632	1 in 275
9401	41.31	FO	37.61	225			VC	31.03139	1 in 69
9603		FO	0	300			VC	57.51407	
9901	36.69	SW	33.64	675			CO	29.6164	1 in 46
8001	36.62	FO	0	300			CO	8.876538	
7601	40.42	SW	36.02	1050			CO	29.61419	1 in 247
9702	39.41	FO	34.21	300			VC	30.89564	1 in 172
7301	41.59	SW	36.77	1050			CO	117.686	1 in 357
9703	39.41	FO	34.24	300			VC	49.1038	1 in 197
9703	39.41	SW	0	675			CO	101.9735	
9901	37.33	SW	35.11	525			CO	45.35416	1 in 37
8601	40.45	SW	35.8	1050			CO	18.26582	
8901	37.42	SW	33.91	1500			CO	96.88137	1 in 142
8903	37.16	FO	33.11	300			VC	155.9726	1 in 84
8605		SW	0	1050			VC	39.98365	
8004	36.97	FO	35.45	900			VC	46.19638	1 in 229
8501	40.43	FO	36.09	300			VC	64.14617	
8001	36.15	FO	31.84	600			CO	56.86585	
8901	39.27	FO	34.52	300			VC	8.876535	1 in 190
0502		FO	0	225			VC	63.56099	
0502		FO	0	225			VC	63.56099	
0606	39.18	FO	0	300			VC	44.26723	
8703	38.8	FO	33.8	600			VC	12.46953	1 in 117
9002	36.09	FO	31.69	900			BR	13.0384	1 in 21
9301	41.67	SW	39.01	1000			CO	65.07249	1 in 138
8708	36.99	FO	33.59	300			VC	68.55444	1 in 149
7001		CO	0	100			VC	14.4537	
8704	39.11	CO	35.25	1500			VC	75.9164	
0905	37.25	FO	33.67	225			VC	72.79049	1 in 123
0402	42.4	FO	37.14	225			VC	51.00864	1 in 84
0402	42.4	FO	37.14	225			VC	51.00864	1 in 84
8003	36.23	SW	33.23	1000			CO	63.56099	1 in 163
9401	41.47	SW	36.48	975			CO	174.8435	1 in 137
9401	41.47	SW	36.48	975			CO	174.8435	1 in 137
8802	37.84	FO	33.01	600			VC	84.36031	1 in 157
0602		FO	35.09	300			VC	5.823165	
7504		FO	0	300			VC	47.17556	
7504		FO	0	300			VC	47.17556	
8602	39.2	FO	35.86	300			VC	55.09665	1 in 172
0607	39.79	SW	37.09	975			CO	77.57186	1 in 85
9009	36.52	FO	0	300			VC	9.900754	
9005	36.64	SW	0	675			CO	27.07397	
9002	36.09	FO	31.75	450			CO	27.07397	
7401	40.81	SW	36.34	1050			CO	113.4551	1 in 100
7401	40.81	SW	36.34	1050			CO	113.4551	1 in 1261
8707		SW	0	1500			CO	29.14955	
8502		SW	0	900			CO	33.53969	
8502		SW	0	900			CO	33.53969	
8701	38.9	FO	34.23	225			VC	78.84122	1 in 329
9903	36.63	FO	33.02	225			VC	34.94631	1 in 20
8401		FO	150				VC	35.83595	
8401		FO	150				VC	35.83595	
8604		FO	300				VC	14.36689	
0902	37.48	SW	35.25	525			CO	18.24829	1 in 152
7501	41.33	FO	36.17	300			VC	20.33761	
7501	41.33	FO	36.17	300			VC	20.33761	
8808		FO	150				VC	23.71125	
9902	37.09	SW	33.86	675			CO	37.64699	1 in 172
8706	38.54	FO	33.37	600			CO	34.9285	1 in 184
7002		CO	100				VC	12.63474	
7502	40.38	SW	36.18	1050			CO	60.53351	1 in 1513
7502	40.38	SW	36.18	1050			CO	60.53351	1 in 1513
9004	36.61	FO	31.26	300			VC	45.81771	
0503	42.25	FO	36.52	225			VC	43.30778	
0503	42.25	FO	36.52	225			VC	43.30778	
7402	40.93	FO	36.43	300			VC	61.97593	1 in 258
7402	40.93	FO	36.43	300			VC	61.97593	1 in 258
9003	36.14	FO	31.08	525			VC	26.24881	1 in 42
7403	41.27	FO	36.54	300			VC	59.78765	1 in 663
8002	36.05	SW	33.13	675			CO	6.708204	
8605	39.14	FO	34.49	225			VC	103.1001	1 in 413
8801		SW	0	1500			VC	68.27003	
8702	38.79	FO	33.97	300			VC	10.54199	1 in 211
7503		SW	0	1050			CO	4.809407	
7503		SW	0	1050			CO	4.809407	
8702	38.79	FO	33.94	300			VC	2.683317	
8405		FO	150				VC	7.805128	
8405		FO	150				VC	7.805128	

LEGEND

Abandoned

Foul

Surface Water

Combined

Public Sewer

Private Sewer

Section 104

Rising Main

Sludge Main

Overflow

Water Course

Highway Drain

All point assets follow the standard colour convention:
red - combined
blue - surface water
brown - foul
purple - overflow

Manhole

Head of System

Extent of Survey

Rodding Eye

Inlet

Discharge Point

Vortex

Penstock

Washout Chamber

Valve

Air Valve

Non Return Valve

Soakaway

Gully

Cascade

Flow Meter

Hatch Box

Oil Interceptor

Summit

Drop Shaft

Orifice Plate

Side Entry Manhole

Outfall

Screen Chamber

Inspection Chamber

Bifurcation Chamber

Lamp Hole

T Junction / Saddle

Catchpit

Valve Chamber

Vent Column

Wor Chamber

Penstock Chamber

Network Storage Tank

Sewer Overflow

Ww Treatment Works

Septic Tank

Control Kiosk

DNM Network Monitoring Point

Change of Characteristic

MANHOLE FUNCTION

FO Foul

SW Surface Water

CO Combined

OV Overflow

SEWER SHAPE

CI Circular

EG Egg

OV Oval

FT Flat Top

RE Rectangular

SQ Square

TR Trapezoidal

AR Arch

BA Barrel

HO HorseShoe

UN Unspecified

SEWER MATERIAL

AC Asbestos Cement

BR Brick

PE Polyethylene

RP Reinforced Plastic Matrix

CO Concrete

CSB Concrete Segment Bolted

CSU Concrete Segment Unbolted

CC Concrete Box Culvert

PSC Plastic / Steel Composite

GRC Glass Reinforced Plastic

DI Ductile Iron

PVC Polyvinyl Chloride

CI Cast Iron

SI Spun Iron

ST Steel

VC Vitrified Clay

PP Polypropylene

PF Pitch Fibre

MAC Masonry, Coursed

MAR Masonry, Random

U Unspecified

Address or Site Reference:

LFC Academy,

OS sheet Number: SJ4298NE

Scale: 1:1250

Date: 10/11/2025

Nodes: 79

Sheet: 2 of 4

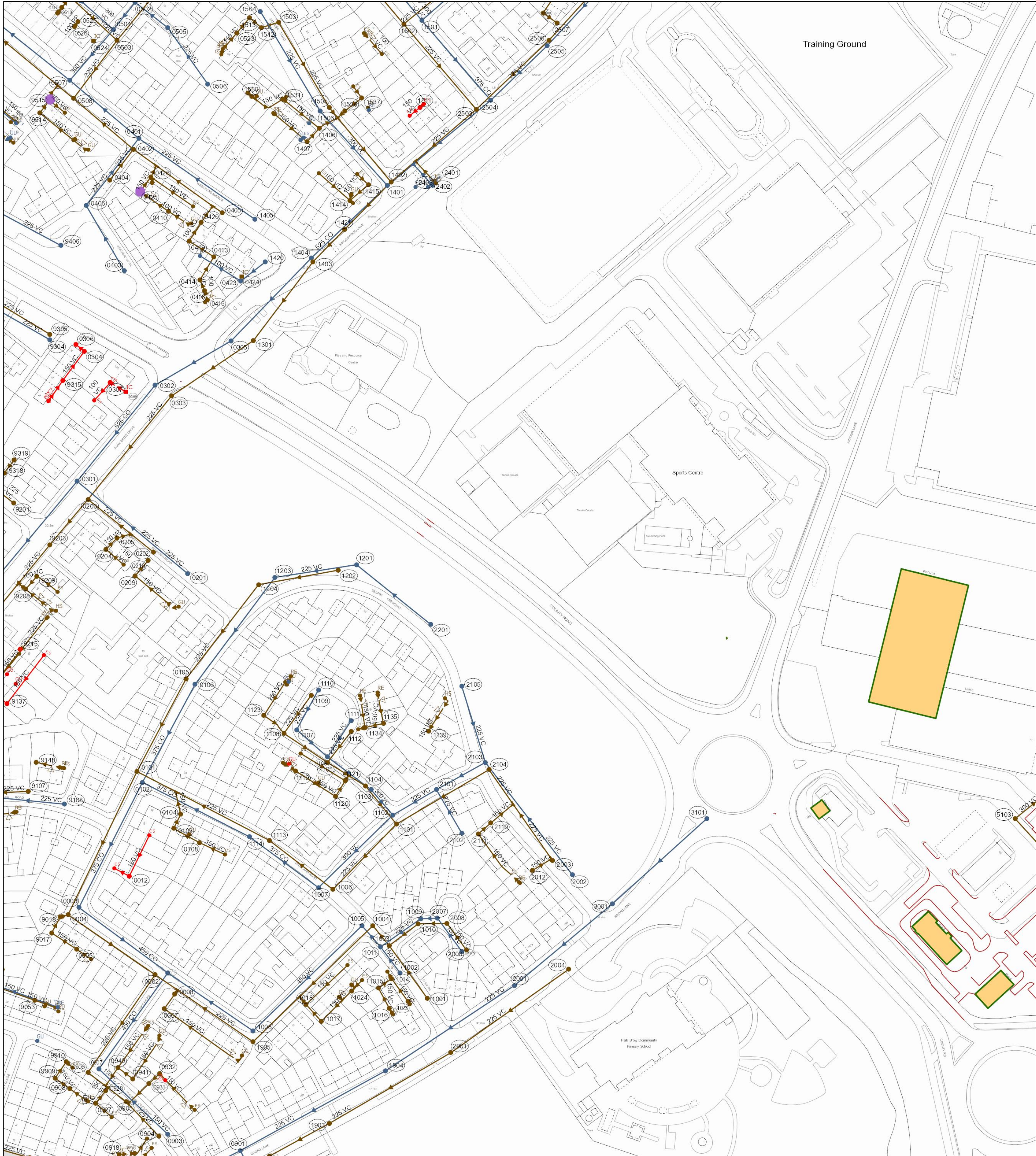
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SEWER RECORDS


Water for the North West

The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.

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Reho	Cover	Func	Invert	Size x	Size y	Shape	Matl	Length	Grad	Reho	Cover	Func	Invert	Size x	Size y	Shape	Matl	Length	Grad
9107	33.01	FO	0	225	225	VC	26.91022	100	VC	9526	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
1406		VC	0	150	150	VC	11.7067	100	VC	0526	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
1406		VC	0	150	150	VC	11.7067	100	VC	0526	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
1403	32.41	SW	30.36	150	150	VC	41.87733	100	VC	0531	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
9910		VC	0	150	150	VC	4.597273	100	VC	1918	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
9406	34.68	SW	32.79	150	150	VC	58.25805	100	VC	0501	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
9406		SW	0	225	225	VC	76.05919	100	VC	0405	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
9406		SW	0	225	225	VC	76.05919	100	VC	0405	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
9315		CO	0	150	150	VC	19.99428	100	VC	0426	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
1008	34.01	CO	0	400	400	VC	56.05947	100	VC	0426	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
0503	32.45	FO	30.16	225	225	VC	40	1 in 108	VC	0408	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
0503	32.45	FO	30.16	225	225	VC	40	1 in 108	VC	1405	SW	33.1	0	225	225	VC	78.01375		
2504	34.65	SW	32.16	375	375	CO	73.87829	1 in 68	VC	1405	SW	33.1	0	225	225	VC	78.01375		
2504	34.65	SW	32.16	375	375	CO	73.87829	1 in 68	VC	0413	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
0905	32.51	SW	30.46	225	225	VC	26.40076	1 in 48	VC	0201	FO	30.45	225	225	VC	39.20463			
0104		SW	0	225	225	VC	12.46369	100	VC	0410	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
1011		SW	0	225	225	VC	15.54762	100	VC	1401	SW	33.4	SW	30.93	525	VC	78.01375		
2004	37.71	FO	0	225	225	VC	79.63039	100	VC	1401	SW	33.4	SW	30.93	525	VC	78.01375		
1005	35.75	SW	0	450	450	VC	83.45058	100	VC	1401	SW	33.4	SW	30.93	525	VC	78.01375		
0204		FO	0	150	150	VC	8.64909	100	VC	2401	SW	225	225	VC	8.71281				
0523		FO	0	150	150	VC	10.99511	100	VC	2401	SW	225	225	VC	8.71281				
0523		FO	0	150	150	VC	10.99511	100	VC	2512	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
0415		FO	0	100	100	VC	6.33765	100	VC	2508	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
2503	34.8	FO	31.36	225	225	VC	61.71739	1 in 106	VC	0508	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
2503	34.8	FO	31.36	225	225	VC	61.71739	1 in 106	VC	0423	SW	100	100	PP	3.466825	1 in 122	VC	61.0278	
9507		SW	0	300	300	VC	45.24314	100	VC	1502	SW	34.43	FO	0	225	225	VC	61.7171	
1103	35.96	SW	0	300	300	VC	18.43909	100	VC	1502	SW	34.43	FO	0	225	225	VC	61.7171	
1112	35.7	FO	0	225	225	VC	21.40053	100	VC	1403	SW	33.74	FO	30.44	225	225	VC	54.39891	
9515		FO	0	150	150	VC	8.73271	100	VC	1404	SW	33.69	SW	30.68	525	VC	63.40527		
9515		FO	0	150	150	VC	8.73271	100	VC	1610	SW	33.74	FO	30.44	225	225	VC	54.39891	
0508	31.51	FO	29.35	225	225	VC	9.73271	1 in 649	VC	1402	SW	31.79	FO	30.1	225	225	VC	43.27817	
0508	31.51	FO	29.35	225	225	VC	9.73271	1 in 649	VC	1402	SW	31.79	FO	30.1	225	225	VC	43.27817	
1107	35.05	FO	33.77	225	225	VC	22.37157	100	VC	1402	SW	31.79	FO	30.1	225	225	VC	43.27817	
1015		FO	0	150	150	VC	6.65481	100	VC	1420	SW	100	100	PP	3.466825	1 in 122	VC	61.0278	
0301	33.44	SW	30.04	525	525	CO	85.1275	100	VC	6519	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
9510		FO	0	100	100	PE	3.93584	100	VC	1805	FO	34.19	FO	31.46	225	225	VC	61.7171	
9510		FO	0	100	100	PE	3.93584	100	VC	0404	SW	31.91	FO	30.21	225	225	VC	21.40053	
0203		FO	0	225	225	VC	65.43486	100	VC	0404	SW	31.91	FO	30.21	225	225	VC	21.40053	
1204	35.12	FO	0	225	225	VC	65.43486	100	VC	0425	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
1016		FO	0	150	150	VC	12.86379	100	VC	1425	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
0203	33.4	FO	29.25	225	225	VC	32.84965	100	VC	1414	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
9609		FO	0	150	150	VC	10.8964	100	VC	1414	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
0504	32.46	SW	0	300	300	VC	36.87818	100	VC	1421	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
1502	32.46	SW	0	300	300	VC	36.87818	100	VC	1421	FO	0	100	100	PP	3.466825	1 in 122	VC	61.0278
0419	33.59	FO	0	225	225	VC	71.5891	100	VC	1402	SW	33.34	FO	30.74	225	225	VC	36.52515	
0419		FO	0	100	100	VC	12.25181	100	VC	1402	SW	33.34	FO	30.74	225	225	VC	36.52515	
0302	32.87	SW	0	525	525	CO	12.25181	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1006	35.05	FO	32.33	225	225	VC	44.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
2506	35.7	FO	0	225	225	VC	55.17246	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
2506	35.7	FO	0	225	225	VC	55.17246	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
0907		FO	0	150	150	VC	8.78591	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
0406		SW	0	225	225	VC	47.01064	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
0406		SW	0	225	225	VC	47.01064	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1530		FO	0	150	150	VC	20.35631	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1530		FO	0	150	150	VC	20.35631	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
0502	33.01	SW	30.91	300	300	VC	19.20937	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
0502	33.01	SW	30.91	300	300	VC	19.20937	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1106	35.77	SW	0	225	225	VC	30	1 in 100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
2007		SW	0	225	225	VC	9.26292	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1003	36.11	SW	33.61	225	225	VC	14.12087	1 in 44	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
2105	37.15	SW	35.34	225	225	VC	43.9559	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1017		FO	0	150	150	VC	12.59551	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1202	35.87	FO	33.54	225	225	VC	44.72136	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
9017		FO	0	150	150	VC	9.94351	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
0005		FO	0	150	150	VC	16.39408	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
0607	34.1	SW	31.84	300	300	VC	54.67175	1 in 59	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
2002		SW	0	225	225	VC	78.40218	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
0209		FO	0	150	150	VC	11.12653	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
0609		FO	0	225	225	VC	35.26639	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1004	35.92	FO	33.19	225	225	VC	91.92476	1 in 55	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1531		FO	0	150	150	VC	2.29453	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1531		FO	0	150	150	VC	2.29453	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
2201	36.89	SW	0	225	225	VC	52.53079	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454	100	VC	68.2454
1415		FO	0	150	150	VC	13.34863	100	VC	68.2454	100	VC	68.2454	100	VC	68			



Reho	Cover	Func	Invert	Size x	Size y	Shape	Matl	Length	Grad
7101		FO	150				VC	55.24205	
6107		FO	100				VC	11.33477	
7305		SW	0	675			CO	66.5877	
5104	41.53	FO	37.81	300			VC	20.36628	1 in 1020
0401	41.31	FO	37.61	225			VC	31.00319	1 in 69
8308	41.8	SW	36.15	675			CO	17.02013	1 in 284
8301		SW	0	675			CO	7.662359	
9101		SW	0	1000			CO	115.5206	
7301	41.59	SW	36.77	1050			CO	117.686	1 in 357
5005	42.57	FO	36.5	225			VC	36.62233	
9303	41.92	FO	37.93	225			VC	36.81206	1 in 362
0502		FO	0	225			VC	63.56099	
0502		FO	0	225			VC	63.56099	
6101	41.92	SW	36.47	825			CO	60.67125	1 in 92
7201	41.48	SW	36.81	1000			CO	42.95346	
6901		SW	0	825			CO	50.21952	
9207	41.77	SW	36.84	675			CO	10.16309	
9301	41.67	SW	38.01	1000			CO	65.07249	1 in 138
6204	41.8	FO	0	300			VC	68.85396	
9001		SW	0	1000			CO	32.0784	
6902	42.38	FO	38.88	225			VC	48.27007	1 in 690
6001	42.27	SW	36.75	825			VC	66.09521	1 in 216
0202	42.52	SW	38.91	900			CO	66.70832	1 in 382
6002	42.37	SW	36.01	825			CO	53.81145	1 in 224
7304	41.14	FO	36.6	300			VC	8.351155	1 in 167
5103	42.17	FO	38.19	300			VC	27.01851	1 in 901
5103	42.17	FO	38.19	300			VC	27.01851	1 in 901
9002	43.5	SW	41.1	900			CO	65.81744	
8005		SW	0	800			CO	12.57241	
0402	42.4	FO	37.14	225			VC	51.00884	1 in 84
0402	42.4	FO	37.14	225			VC	51.00884	1 in 84
5001		FO	0	225			VC	47.42362	
9401	41.47	SW	38.48	975			CO	174.8435	1 in 137
9401	41.47	SW	38.48	975			CO	174.8435	1 in 137
9305		SW	0	675			CO	13.36554	
7504		FO	0	300			VC	47.17556	
7504		FO	0	300			VC	47.17556	
6005		SW	0	150			VC	12.81746	
7204		SW	0	900			VC	13.34166	
6203	40.9	FO	37.41	300			VC	52.50779	
7602	42.53	FO	38.15	225			VC	87.09765	1 in 323
5102	41.95	FO	38.14	300			VC	26.83287	1 in 894
5105	41.8	FO	37.85	300			VC	35.69314	1 in 1190
7401	40.81	SW	36.34	1050			CO	113.4551	1 in 1261
7401	40.81	SW	36.34	1050			CO	113.4551	1 in 1261
8402	41.64	SW	39.4	675			CO	73.49418	1 in 294
9201	42.51	SW	38.68	1000			CO	91.8657	1 in 148
9004		SW	0	300			VC	65.26375	
8003	42.62	FO	36.61	225			VC	22.91157	1 in 133
9203	42.64	SW	38.03	225			VC	33.54102	1 in 839
8502		SW	0	900			CO	33.53669	
8502		SW	0	900			CO	33.53669	
9202		SW	0	450			VC	90.90699	
6102	41.97	SW	36.84	900			VC	71.10591	1 in 88
5101	41.96	FO	38.07	300			VC	22.13594	1 in 117
9304	41.97	FO	37.71	225			VC	30.80594	1 in 513
9302	41.63	FO	37.77	225			VC	31.7905	
6006		FO	0	150			VC	67.91022	
8401		FO	0	150			VC	36.83959	
8401		FO	0	150			VC	36.83959	
9006		SW	0	900			VC	10.0448	
6202	40.83	FO	37.52	300			VC	13.45392	1 in 168
5201	41.3	FO	37.78	300			VC	36.97616	1 in 284
6106		FO	0	100			VC	10.40539	
0204	42.99	FO	38.88	225			VC	21.37756	
7202	41.32	SW	36.82	1050			CO	18.24829	
7501	41.33	FO	36.17	300			VC	20.33761	
7501	41.33	FO	36.17	300			VC	20.33761	
6904	42.58	FO	38.81	225			VC	36.40055	1 in 331
6903	42.32	SW	36.81	825			VC	44.91102	
9202		SW	0	450			VC	71.14268	
7303		FO	36.82	300			VC	64.41156	1 in 218
9204	41.38	FO	0	225			VC	41.97618	
7502	40.38	SW	36.18	1050			CO	60.53351	1 in 1513
7502	40.38	SW	36.18	1050			CO	60.53351	1 in 1513
6201	40.94	FO	37.64	300			VC	32.98484	1 in 366
0503	42.25	FO	36.52	225			VC	43.30779	
0503	42.25	FO	36.52	225			VC	43.30779	
7402	40.93	FO	36.43	300			VC	61.97593	1 in 258
7402	40.93	FO	36.43	300			VC	61.97593	1 in 258
7403	41.27	FO	36.54	300			VC	36.76765	1 in 663
9205		SW	0	1000			CO	46.24429	
9303	41.5	SW	38.47	675			CO	20.51297	1 in 293
7302	41.54	SW	36.11	450			VC	6.862258	
7203		FO	0	300			VC	68.86597	
0203	42.74	FO	0	225			VC	43.17406	
6205	42.03	SW	37.81	900			VC	24.35159	
8902	42.64	FO	39.43	225			CO	70.83079	1 in 253
7503		SW	0	1050			CO	4.809407	
7503		SW	0	1050			CO	4.809407	
8405		FO	0	150			VC	7.805128	
8405		FO	0	150			VC	7.805128	

LEGEND

Abandoned

Foul

Surface Water

Combined

Public Sewer

Private Sewer

Section 104

Rising Main

Sludge Main

Overflow

Water Course

Highway Drain

All point assets follow the standard colour convention:
red - combined
blue - surface water
brown - foul
purple - overflow

Manhole

Head of System

Extent of Survey

Rodding Eye

Inlet

Discharge Point

Vortex

Penstock

Washout Chamber

Valve

Air Valve

Non Return Valve

Soakaway

Gully

Cascade

Flow Meter

Hatch Box

Oil Interceptor

Summit

Drop Shaft

Orifice Plate

Side Entry Manhole

Outfall

Screen Chamber

Inspection Chamber

Bifurcation Chamber

Lamp Hole

T Junction / Saddle

Catchpit

Valve Chamber

Went Column

Vent Chamber

Penstock Chamber

Sewer Overflow

Network Storage Tank

Ww Treatment Works

Ww Pumping Station

Septic Tank

Control Kiosk

DNM Network Monitoring Point

Change of Characteristic

MANHOLE FUNCTION

FO Foul

SW Surface Water

CO Combined

OV Overflow

SEWER SHAPE

CI Circular

TR Trapezoidal

EG Egg

AR Arch

OV Oval

BA Barrel

FT Flat Top

HO HorseShoe

RE Rectangular

UN Unspecified

SQ Square

SEWER MATERIAL

AC Asbestos Cement

BR Brick

PE Polyethylene

RP Reinforced Plastic Matrix

CO Concrete

CSB Concrete Segment Bolted

CSU Concrete Segment Unbolted

CC Concrete Box Culverted

PSC Plastic / Steel Composite

GRC Glass Reinforced Plastic

DI Ductile Iron

PVC Polyvinyl Chloride

CI Cast Iron

SI Spun Iron

ST Steel

VC Vitrified Clay

PP Polypropylene

PF Pitch Fibre

MAC Masonry, Coursed

MAR Masonry, Random

U Unspecified

Address or Site Reference:

LFC Academy,

OS sheet SJ4298SE
Number:
Scale: 1:1250
Nodes: 92
Sheet: 4 of 4
Date: 10/11/2025

Printed by: Property Searches

SEWER RECORDS

Water for the North West

The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. United Utilities Water will not accept liability for any loss or damage caused by the actual position being different from those shown.

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Appendix D – GPR Survey

