



Cripplegate Lane, Hoghton, Preston. PR5 0RR
Tel: 01254 851500 Fax: 01254854004 service@drain-alert.co.uk

Booth King Partnership Ltd
Civil and Structural Engineers
Tollgate House
9c Bridge Street
Ramsbottom
BL0 9AB

6th November 2023

Dear Lee,

Reference: - CCTV Report, JN34410, Rochdale

May we thank you for your valued custom. As requested, we have conducted a CCTV inspection at the above premises. We have emailed a link to you to access the Wincan VX video clips and documents via the cloud.

We trust that the report is to your satisfaction; however, should you have any queries then please do not hesitate to contact me.

Yours sincerely,

Mr S W Ormisher, B.A.(Hons.),
Technical Services Consultant

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Plan of the drainage system, not to scale.
Enclosed

Conclusion

As requested, a CCTV survey and investigation of the drainage system serving the buildings and surrounding areas was carried out as instructed by client.

Upon arrival, visible inspection found numerous manholes to be located in the alleyway area to the rear of the buildings. Further investigation found silt and wastewater debris to be minimal, therefore due to this, no high-pressure water jetting was undertaken to remove debris prior to CCTV taking place. The survey was conducted upstream and downstream from manholes marked and identified on plan accordingly. Evidence from the survey found the drainage system to be combined foul and surface water serving various rwp's, gullies, svp's and other drainage lines around the building. The drainage lines were seen to be of various diameters and material construction throughout. The general condition of the lines surveyed was found to be reasonable and in expected working order throughout. Although a few faults were found in certain areas which will require remedial work to be carried out to prevent further deterioration and problems occurring in the future if drainage lines are to be retained.

Faults found

Section 1 MH 2 Branch A

Settled deposits seen at 4.30m causing restriction in flow through the drainage line.

Section 3 MH 2 Branch C

Settled deposits seen at 3.00m causing restriction in flow through the drainage.

Section 4 MH 2 Main Line X

Displaced joint seen at 3.00m causing structural weakness and restriction in flow through the drainage line.

Recommendations

Section 1 MH 2 Branch A

Carry out high pressure water jetting with specialised descaling equipment to remove debris as necessary from the drainage line. CCTV carried out upon completion.



Section 3 MH 2 Branch C

Carry out high pressure water jetting with specialised descaling equipment to remove debris as necessary from the drainage line. CCTV carried out on completion.

Section 4 MH 2 Main Line X

Installation of 1 x 150mm localised patch liner repair at 3.00m to restore structural integrity to the drainage line.

We trust that the above is acceptable; however, should you require any further information, please do not hesitate to contact me.

Yours sincerely,

Mr S W Ormisher,
Technical Services Consultant

Disclaimer - Please note that any dimensions, levels, and drainage layout drawings that are provided by Drain Alert, should be checked before being relied upon. All updated drawings are not to scale. It is the responsibility of the client to verify all information given with regards to the drainage prior to commencing any design or work site.