

DRAINAGE REPORT

Our Ref: 0520 FP 59

Client: M.A.S. Developments Ltd

Site: Falcon Park, Hophurst Lane, Crawley Down, Crawley, RH10 4XF

Please see below our findings, summary and recommendations based on the recent CCTV survey of subject underground foul/combined drainage.

Please refer to the Inspection Report, Footage, Site Plan, worksheets and Still Photographs.

Reason for Survey:

Condition and Connectivity Survey

Works Carried Out:

Surveying, inspection, cleaning and ascertaining connectivity and condition of subject manholes and pipework
Cleansing using high pressure water jetting and vacuumation to assist surveying

Findings:

- Multiple surface water and foul water lines were identified and surveyed throughout the site
- The majority of pipework surveyed was observed to be in serviceable condition, with most runs surveyed successfully with connectivity confirmed
- The surface water system predominantly consists of 100mm and 150mm diameter uPVC pipework serving gullies, rainwater pipes, Aco drains and attenuation/filtration connections
- All surveyed surface water lines were completed successfully and some minor defects observed
- One defect of significance was identified on the line from chamber **SW01 Upstream to RWP1**, where a hole in the pipework was observed, a localised structural patch repair is recommended to remediate this defect
- The foul water network consists of both uPVC and Vitrified Clayware pipework
- Most foul lines were surveyed successfully and connectivity established between stacks, inspection chambers and the Cess tank connection
- Several sections within the foul network could not be fully surveyed due to access limitations or defects within pipework, please see recommendations below
- **FW02 upstream to FW02.2** - Survey abandoned due to severe bend restricting camera access, no recommendation necessary
- **FW02 U/S FW02.3** -- Survey abandoned due to severe bend restricting camera access, no recommendation necessary

Recommendations & NET Costs:

SW01 upstream to RWP1

Hole identified within the pipework wall

Recommendation: Prepare and install a structural localised patch repair to restore structural integrity and prevent further deterioration and/or worsening defects

NET Cost - £ 595.00

FW02 upstream to FW02.1

Survey abandoned due to collapsed pipework

Recommendation: Investigate via excavation to confirm condition and determine whether the line remains live or is redundant, (excavation of up to 2.0 linear metres allowed for)

NET Cost - £ 2,560.00

Please note:

- **All costs/prices given are subject to VAT where applicable**
- This costing is valid for 30 days and is subject to our standard Terms and Conditions
- Client is to arrange and provide suitable access to subject work areas and all consents, permits and licenses to undertake the works including associated costs

If we can be of any further assistance or you wish to carry out the above works, please do not hesitate to contact myself or my colleague Chloe Roberts – chloe.roberts@drainline.co.uk.

Best Regards

Jacob Mogré

Contract Manager

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