

Site Investigation Report

Auger Ref:

146228.2.ICC



Job Information

| | |
|-------------|---------------|
| Client | Crawford & Co |
| Client ref | SU2207230 |
| Visit date | 16/06/2023 |
| Report date | 06/07/2023 |

Job Summary

- ✓ CCTV survey undertaken. [Read more.](#)
- ! Drainage repairs required. [Read more.](#)



Job Information

Overview

Brief

Auger were commissioned by Crawford & Co to undertake a CCTV inspection of the underground drainage within the area of concern (AOC) at the property.

Findings

Drain Survey

We carried out a CCTV survey of the below ground drainage system, our findings of which are as follows:

Line 1 - From RWG1 downstream to d/s

Our engineer was unable to get his camera around the damaged gully pot, a below ground break in was therefore made to survey the line. Our survey of line 1 revealed root ingress which our engineer could not survey through.

Recommendations

Refer Back to Client

It is recommended that the following repairs are carried out to prevent an escape of water from the system:

Line 1

Excavate and replace RWG1 and 1m of 100mm pipework at a depth no greater than 1.0m through soil.

We will then need to conduct a further CCTV investigation downstream on this line.

Please note that the further CCTV investigation may reveal additional defects to the drainage system. This will be reported whilst on-site and could potentially cause an increase in repair costs and provide further inconvenience to the customer/occupants.

Auger have not allowed or will not be held responsible for any alteration or modification to the above ground drainage following the removal of the existing gully and reinstatement of a new gully. The customer must ensure that the above ground drainage correctly expels into the gully pot and avoids overcrowding the gully with numerous downpipes which could lead to the gully overflowing.

During the clean-up/reinstatement process we will endeavour to leave the area we are working in clean and tidy and as close to how we found it as possible. There will always be an element of general debris/mud/waste that will build up in the area which cannot be prevented. There may however be elements of this process that are outside our remit i.e., Repainting or cleaning. If this is the case, then we will need to speak to the customer's insurers to help in this regard.

Please Note:

We would like to note that the gully we are proposing to replace has a large concrete surround. When installing the new gully Auger will install a type 3 gully at ground level with a smaller surround. We would therefore like to make the customer aware that the newly installed gully will aesthetically differ from the current arrangement.

We will now refer the claim back to the client in order to progress the claim.

Repair Caveats

Once repairs have been undertaken the customer should ensure the drainage system is periodically inspected in the future for any deterioration and kept free flowing / free of blockages. Any damage noted during future inspections should be repaired immediately in accordance with current Building Regulations.

With any repair process, complications and unforeseen circumstances can arise. These scenarios will be reported whilst on-site and could potentially cause an increase in repair costs and inconvenience.

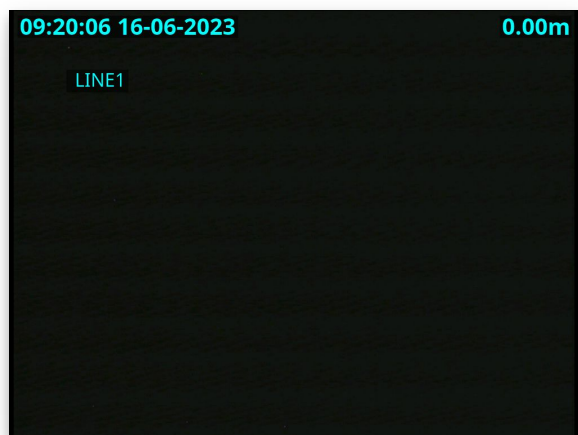
Where any excavation reinstatement of the surface is required, the reinstatement will always attempt to match the previous surface patterns and colouring, however we cannot guarantee an exact match.

The above recommendations allow for the replacement of gullies & connected underground drainage only. The insured should be made aware that the aesthetic appearance of this gully may be different from what is currently in place.

Photographs

CCTV Stills

Fig 1.1: Line 1 (Blocked with roots)



Site Photos

Fig 2.1: RWG1



Fig 2.2: RWG1



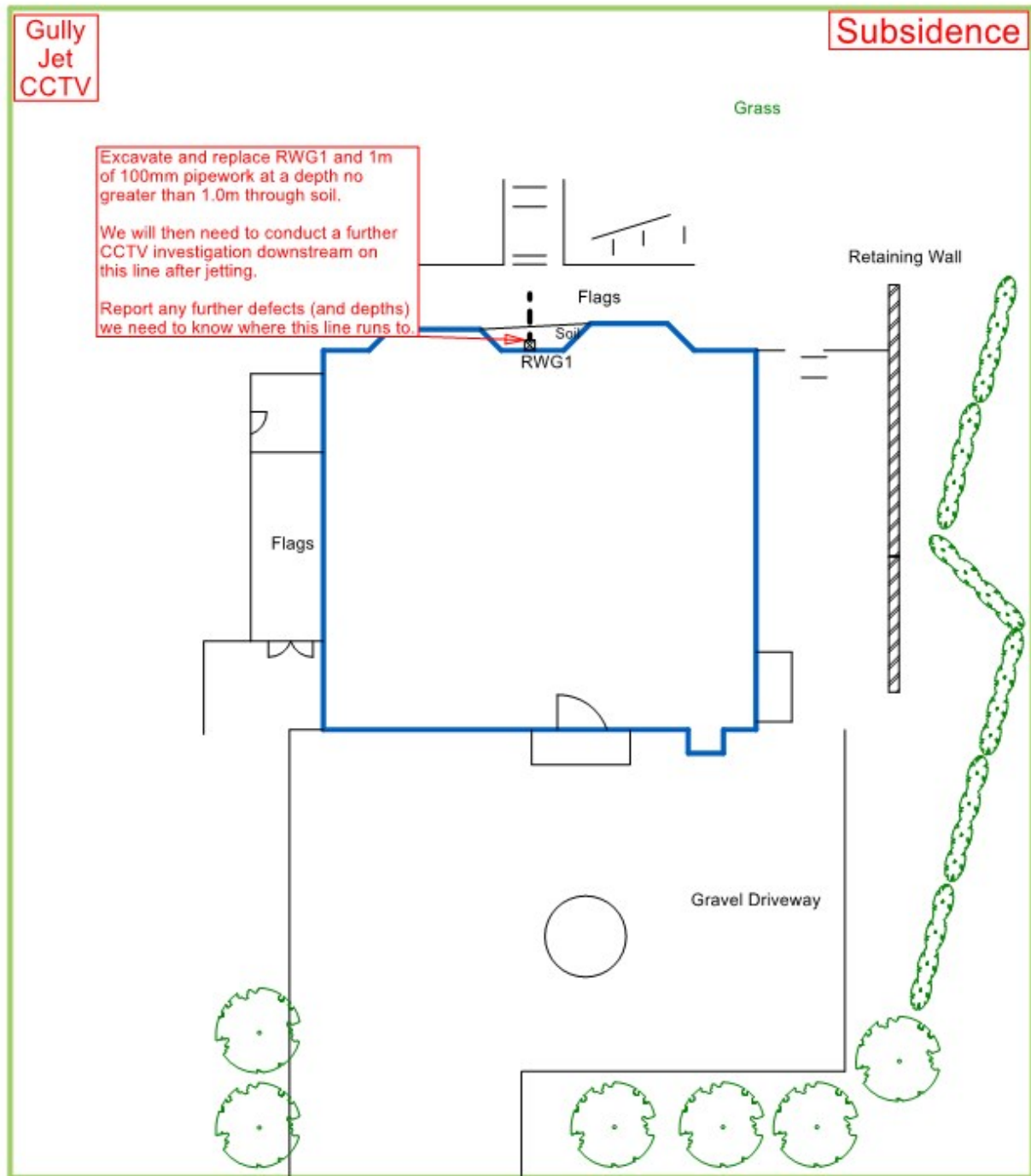
Gully
Jet
CCTV

Subsidence

Excavate and replace RWG1 and 1m of 100mm pipework at a depth no greater than 1.0m through soil.

We will then need to conduct a further CCTV investigation downstream on this line after jetting.

Report any further defects (and depths) we need to know where this line runs to.



FRONT OF PROPERTY

This drawing should be used for diagrammatic purposes only. Auger are not responsible or liable for any 3rd party works undertaken using the details outlined in this drawing. Confirmation of the drainage configuration can only be confirmed by excavation or detailed technical survey.

| LEGEND | |
|--------|---|
| | = Manhole (MH) |
| | = Inspection Chamber (IC) |
| | = Inspection Point (IP) |
| | = Blockage / Collapse |
| | = Soil Vent Pipe (SVP) / WC |
| | = Combined Waste Gully (CWG) / Foul Waste Gully (FWG) |
| | = Rainwater Gully (RWG) |
| | = Rainwater Pipe (RWP) |
| | = Lines not to be repaired |
| | = Lines to be repaired |
| | = Assumed water mains feed |
| | = Walls |
| | = Fences |
| | = Building Outline |
| | = Trial hole |
| | = Borehole |
| | = Direction of flow |
| | = Gate / Door |
| | = Shrubs / Bush |
| | = Hedge |
| | = Tree |
| | = Steps |