

Site Investigation Report

Auger Ref:

99216.1.USI



Job Information

| | |
|-------------|---------------|
| Client | Crawford & Co |
| Client ref | SU1903936 |
| Visit date | 22/10/2019 |
| Report date | 22/10/2019 |

Job Summary

- ✓ CCTV survey undertaken. [Read more.](#)
- ✓ 2 trial holes undertaken. [Read more.](#)
- ✓ Requested soil samples taken. [Read more.](#)
- ✓ Requested root samples taken. [Read more.](#)



Job Information

Overview

Brief

Auger were commissioned by Crawford & Co to undertake a site investigation and CCTV inspection of the underground drainage within the area of concern at the property.

Findings

Drain Survey

Line 1 - Rodding eye downstream

Our survey revealed no significant defects which could be allowing water to escape in the area of concern.

Line 2 - Rain water gully 1 downstream to line 1

Our survey revealed no significant defects which could be allowing water to escape in the area of concern.

Recommendations

No Further Works

No significant drainage defects were found and as such, no repairs are recommended.

Photographs

Trial Hole 1

Fig 1.1: Trial Hole 1 Location

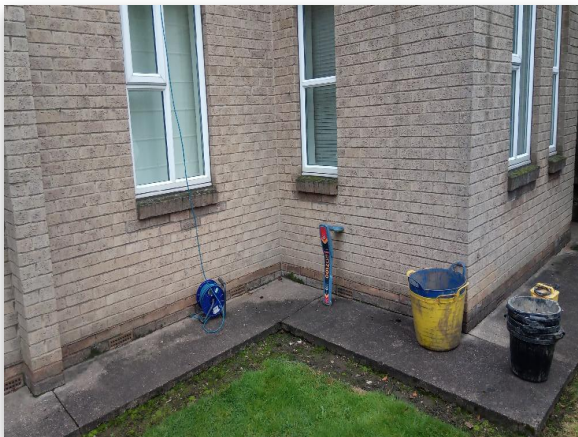
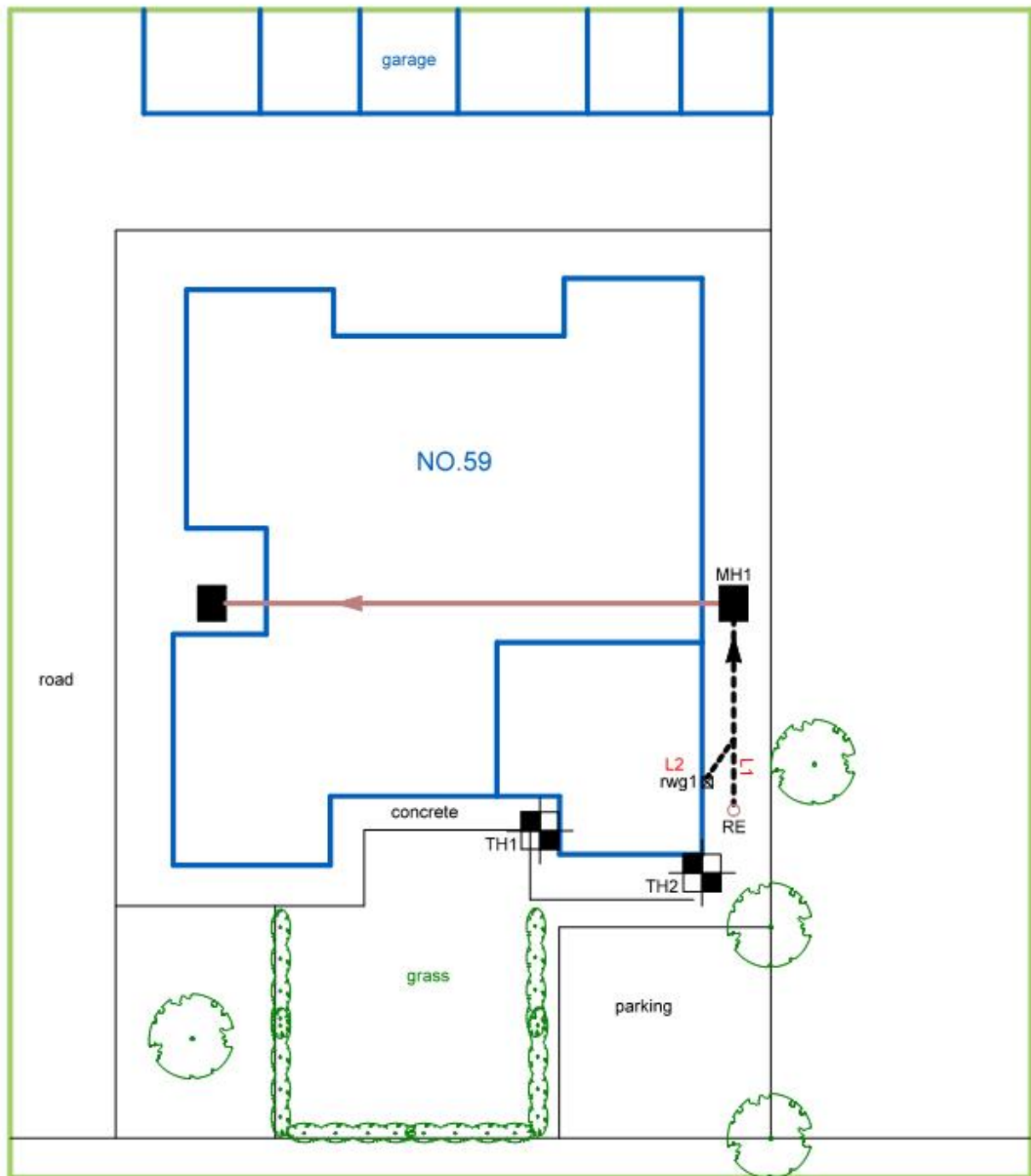


Fig 1.2: Trial Hole 1 Footing





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 | = Blockage | = Lines not camera surveyed | = Trial hole | = Shrubs/bush |
| = Inspection Chamber | = svp/w/c | = Lines camera surveyed | = Steps | = Hedge |
| = Inspection Pot | = wg/fwg | = Assumed water mains feed | = Borehole | = Tree |
| = Inspection Pot | = rwg | = Walls | = Direction of flow | |
| = Inspection Pot | = nap | = Fences | = Direction of flow | |
| | = Building Outline | = gate / door | | |



Trial Hole Log No.1

Location: Front LHS of extension

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| Depth (m) | Symbolic Log | Strata Description | Insitu Tests | | Soil Sample | Root Sample |
|-----------|--------------|---|--------------|--|-------------|-------------|
| | | | SV(19) | | | |
| 0.0 | | Ground Level Concrete Brickwork | | | | |
| 0.5 | | Moist very stiff Brown sandy fine to medium gravelly silty CLAY | 102kpa | | Soil @ 0.5m | Root @ 0.5m |
| 1.0 | | Moist stiff Brown silty CLAY □ | 98kpa | | Soil @ 1m | |
| 1.5 | | Moist stiff Brown silty CLAY □ | 50kpa | | Soil @ 1.5m | |
| 2.0 | | Damp stiff Brown sandy fine to medium gravelly silty CLAY | 52kpa | | Soil @ 2m | |
| 2.5 | | Damp stiff Brown sandy fine to medium gravelly silty CLAY | 60kpa | | Soil @ 2.5m | |
| 3.0 | | TRIAL HOLE TERMINATED | 85kpa | | | |



Trial Hole Log No.2

Location: Front RHS of extension

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| Depth (m) | Symbolic Log | Strata Description | Insitu Tests | | Soil Sample | Root Sample |
|-----------|--------------|---------------------------------------|--------------|--|-------------|-------------|
| | | | SV(19) | | | |
| 0.0 | | Ground Level Concrete Brickwork | | | | |
| 0.5 | | Moist very stiff Brown silty CLAY | 88kpa | | Soil @ 0.5m | Root @ 0.5m |
| 1.0 | | Moist very stiff Brown silty CLAY | 108kpa | | Soil @ 1m | Root @ 1m |
| 1.5 | | Moist very stiff Brown silty CLAY | 90kpa | | Soil @ 1.5m | Root @ 1.5m |
| 2.0 | | Moist very stiff Brown silty CLAY | 60kpa | | Soil @ 2m | |
| 2.5 | | Damp stiff Brown sandy silty CLAY | 64kpa | | Soil @ 2.5m | |
| 3.0 | | TRIAL HOLE TERMINATED | 75kpa | | | |