

Site Investigation Report

Auger Ref:

121420.1.USI



Job Information

Client	Sedgwick
Client ref	9230546
Visit date	11/05/2021
Report date	14/05/2021

Job Summary

- ✓ CCTV survey undertaken. [Read more.](#)
- ✓ 2 trial holes undertaken. [Read more.](#)
- ! TH1 and TH2 depth not reached. [Read more.](#)
- ✓ Requested soil samples taken. [Read more.](#)
- ✓ Requested root samples taken. [Read more.](#)



Job Information

Overview	
Brief	Auger were commissioned by Sedgwick to undertake a site investigation and CCTV inspection of the underground drainage within the area of concern at the property which was noted to be to the right hand side of the property.

Findings	
Trial Hole Findings	We were unable to reach the required depth on TH1 and TH2 because we encountered dense gravel at a depth of 1.5m which we were unable to auger past
	Within TH1, we also took footing measurements from the Main house . These measurements are shown in Trial Hole Log 1b below.
Drain Survey	The CCTV survey revealed no significant defects to the plastic drainage system which could be allowing an escape of water.
	We were unable to survey downstream from IC2 due to water holding within the line, however, we discovered that this pipework was of plastic construction. Our survey revealed that the guttering for RWP1 and 2 leaks when water flows through it and the guttering for RWP3 was found to be defective allowing a large escape of water.

Photographs

Trial Hole 1	
Fig 1.1: Trial Hole 1 Location	Fig 1.2: Trial Hole 1 Footing
	

Trial Hole 2

Fig 2.1: Trial Hole 2 Location



Fig 2.2: Trial Hole 2 Footing



Other Photos

Fig 3.1: Plastic IC1



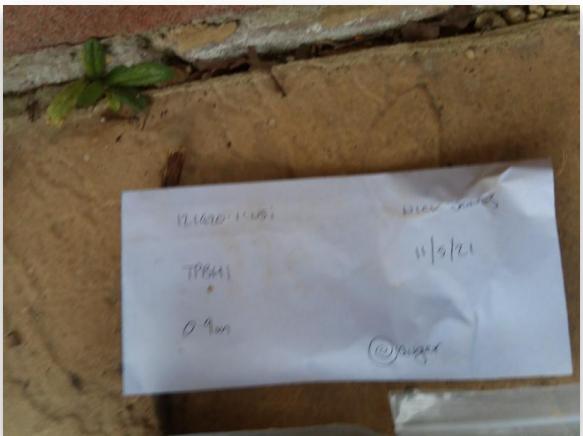
Fig 3.2: Plastic IC2



Fig 3.3: Soil samples collected



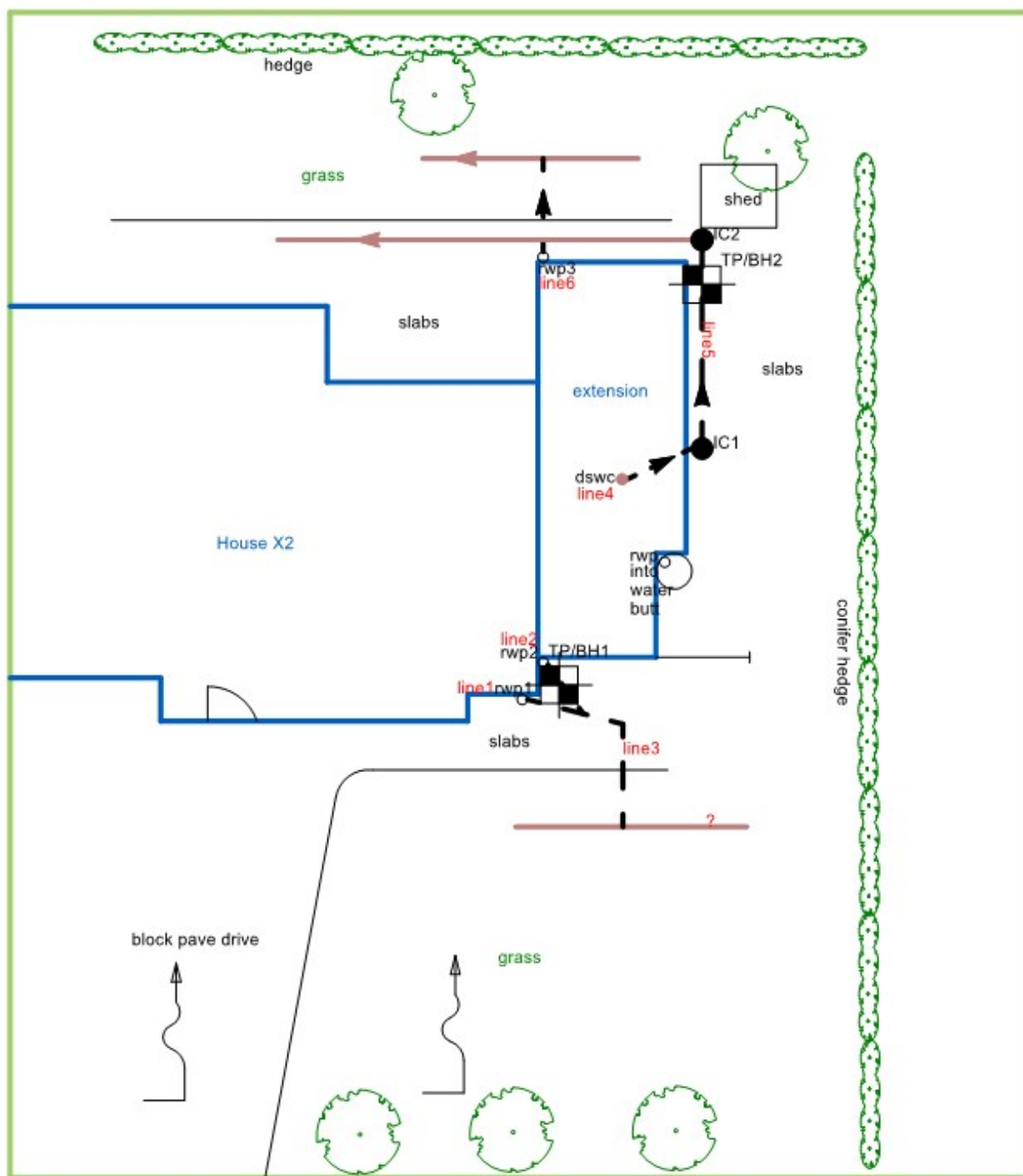
Fig 3.4: Root samples collected



CCTV Survey – Inspection Listings (WRc Guidelines Applied)

LINE 1			
Direction	Upstream	From	BREAK IN
Pipe Size (mm)	100	Depth (m)	RWP1

Pipe Material		PP	To	
0.0m			Start of Survey Length	
1.1m			Finish of Survey Length	
LINE 2				
Direction	Upstream	From	BREAK IN	
Pipe Size (mm)	100	Depth (m)	RWP2	
Pipe Material	PP	To		
0.0m			Start of Survey Length	
0.1m			Finish of Survey Length	
LINE 3				
Direction	Downstream	From	BREAK IN	
Pipe Size (mm)	100	Depth (m)	D/S	
Pipe Material	PP	To		
0.0m			Start of Survey Length	
0.6m			Line of Sewer Deviates Down	
1.5m			Finish of Survey Length (REACHED ANOTHER RUN UNABLE TO PUSH)	
LINE 4				
Direction	Upstream	From	I/C1	
Pipe Size (mm)	100	Depth (m)	DSWC	
Pipe Material	PP	To		
0.0m			Start of Survey Length	
0.6m			Finish of Survey Length	
LINE 5				
Direction	Downstream	From	D/S / REAR	
Pipe Size (mm)	100	Depth (m)	D/S / REAR	
Pipe Material	PP	To		
0.0m			Start of Survey Length	
2.7m			Survey Abandoned (BLOCKAGE IN I/C 2 AND FURTHER D/S)	
LINE 6				
Direction	Downstream	From	RWP3	
Pipe Size (mm)	68 SQUARE	Depth (m)	D/S	
Pipe Material	PP	To		
0.2m			Start of Survey Length	
2.1m			Finish of Survey Length (UNABLE TO PUSH THROUGH JN, DES AND TIGHT BEND)	



FRONT OF PROPERTY

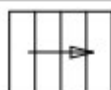
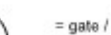
This drawing should be used for diagrammatic purposes only. Auger are not responsible or liable for any 3rd party works undertaken using the details outlined in this drawing. Confirmation of the drainage configuration can only be confirmed by excavation or detailed technical survey.

LEGEND

-  = Manhole
-  = Inspection Chamber
-  = Inspection Pot

-  = Blockage
-  = svp/w/c
-  = wg/fwg
-  = rwp

-  = Lines not camera surveyed
-  = Lines camera surveyed
-  = Assumed water mains feed
-  = Walls
-  = Fences
-  = Building Outline

-  = Steps
-  = gate / door

-  = Trial hole
-  = Borehole
-  = Direction of flow

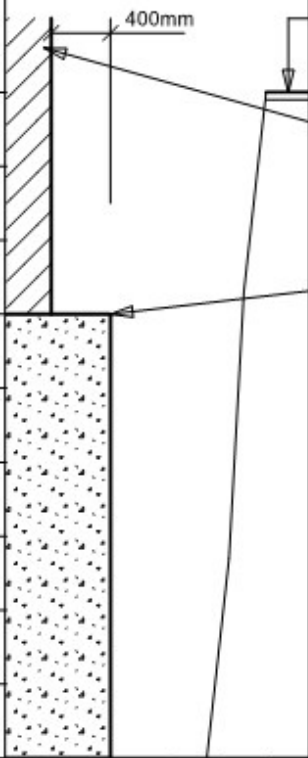
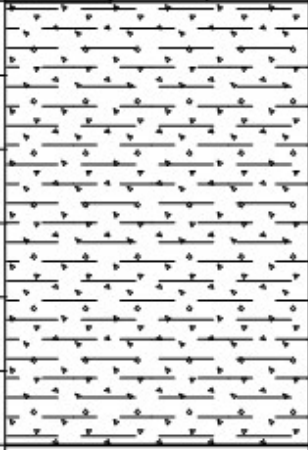
-  = Shrubs/bush
-  = Hedge
-  = Tree



Trial Hole Log No.1

Location: X1 ext front

Job Ref:
121420.1.USI

Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
				MP (300mm)		
0.0		Ground Level Flagstones Blockwork Concrete				
0.5						
1.0		Dry dense Brown sandy gravelly silty CLAY with angular stone inclusions	150blows		Soil @ 0.9m	Root @ 0.9m
1.5		TRIAL HOLE TERMINATED	150blows		Soil @ 1.4m	

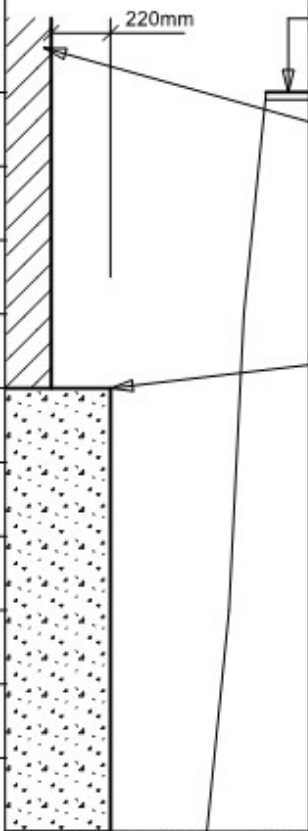
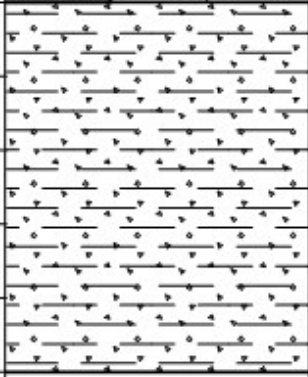
Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
				MP (300mm)		
	300mm Ground Level Flagstones Blockwork Concrete Dry dense Brown sandy gravelly silty CLAY with angular stone inclusions TRIAL HOLE TERMINATED					
0.0						
0.5						
1.0			150blows	Soil @ 0.9m	Root @ 0.9m	
1.5			150blows	Soil @ 1.4m		



Trial Hole Log No.2

Location: Rear right ext

Job Ref:
121420.1.USI

Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
				MP (300mm)		
0.0		Ground Level Flagstones Blockwork Concrete				
0.5						
1.0		Dry dense Brown sandy gravelly silty CLAY with angular stone inclusions	150blows		Soil @ 1m	Root @ 1m
1.5		TRIAL HOLE TERMINATED				