

Site Investigation Report

Auger Ref:

145660.1.USI



Job Information

Client	Crawford & Co
Client ref	SU2205588
Visit date	06/03/2023
Report date	14/04/2023

Job Summary

- ✓ 1 trial hole undertaken. [Read more.](#)
- ⚠ No CCTV survey undertaken. [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 (AOC) at the property.
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Findings

Trial Hole Findings	TH1 was completed in the proposed location revealing the footing and taking soil and root samples.
Drain Survey	No CCTV survey of the underground drainage was undertaken whilst on site because the only drainage in the are of concern was a disused rainwater gully. This gully had an unusual raised design however had no guttering.

Recommendations

Refer Back to Client	We will now refer the claim back to the client in order to progress the claim.
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Photographs

Trial Hole 1

Fig 1.1: Trial Hole 1 Location



Fig 1.2: Trial Hole 1 Footing



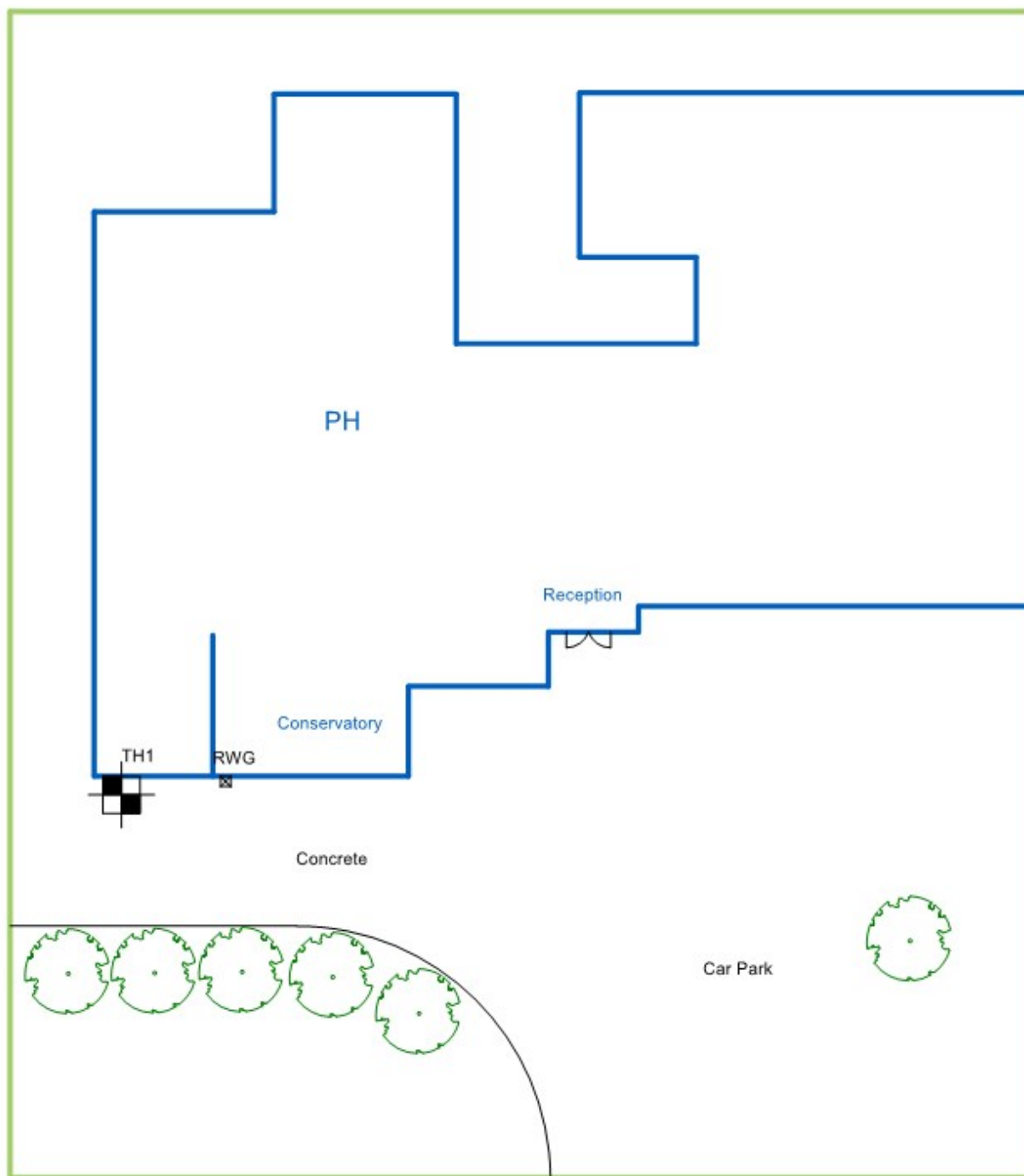
Site Photos

Fig 2.1: No guttering for gully



Fig 2.2: Raised RWG



























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

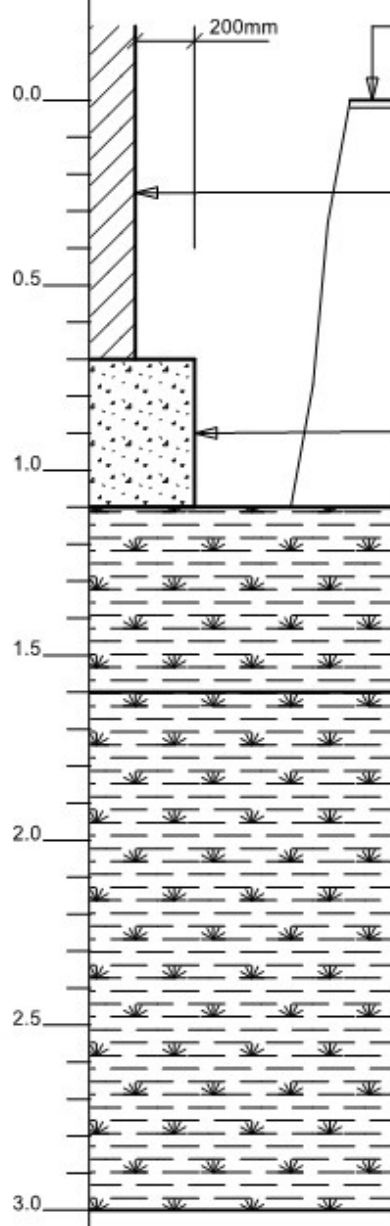
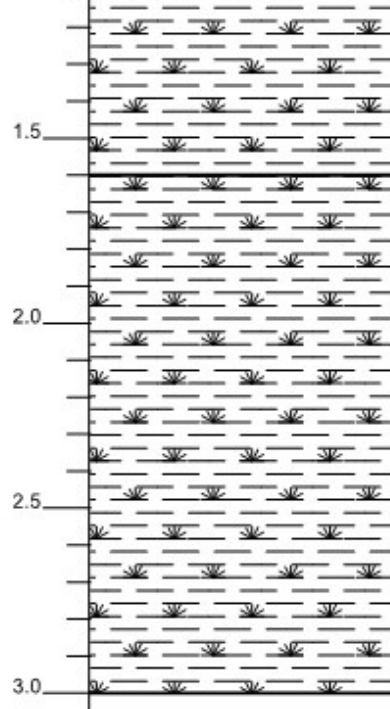
 = Manhole (MH)	 = Blockage / Collapse	 = Lines not camera surveyed	 = Trial hole	 = Shrubs / Bush
 = Inspection Chamber (IC)	 = Soil Vent Pipe (SVP) / WC	 = Lines camera surveyed	 = Borehole	 = Hedge
 = Inspection Point (IP)	 = Combined Waste Gully (CWG) / Foul Waste Gully (FWG)	 = Assumed water mains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



Trial Hole Log No.1

Location: Front left hand side next to the conservatory

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Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
			SV(19)			
0.0		Ground Level				
		Concrete				
0.5		Blockwork				
1.0		Concrete				
		Moist very stiff Brown fine to medium gravelly clayey SILT	88kpa		Soil @ 1.1m	Root @ 1.1m
1.5		Moist Very Stiff Brown fine to medium gravelly silty CLAY	94kpa		Soil @ 1.6m	
2.0			96kpa		Soil @ 2.1m	
2.5			98kpa		Soil @ 2.6m	
3.0		TRIAL HOLE TERMINATED	98kpa			

Unit 3 & 4,
 Heol Aur,
 Dafen Ind Estate,
 Dafen
 Llanelli,
 Carmarthenshire,
 SA14 8QN

***The testing results contained within this report have been performed by GSTL a UKAS accredited laboratory on behalf of Auger.**

 Auger House,
 Cross Lane,
 Wallasey,
 Wirral,
 CH45 8RH

Summary Of Claim Details

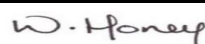
Policy Holder	
GSTL Job Reference	65120
SI Date	06/03/2023
Issue Date	06/03/2023
Report Date	20/03/2023
Auger Reference	145660.1.2.RSS
Insurance Company	New India
LA Claim Reference	SU2205588
LA Co. Reference	Crawford & Co

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Checked and approved

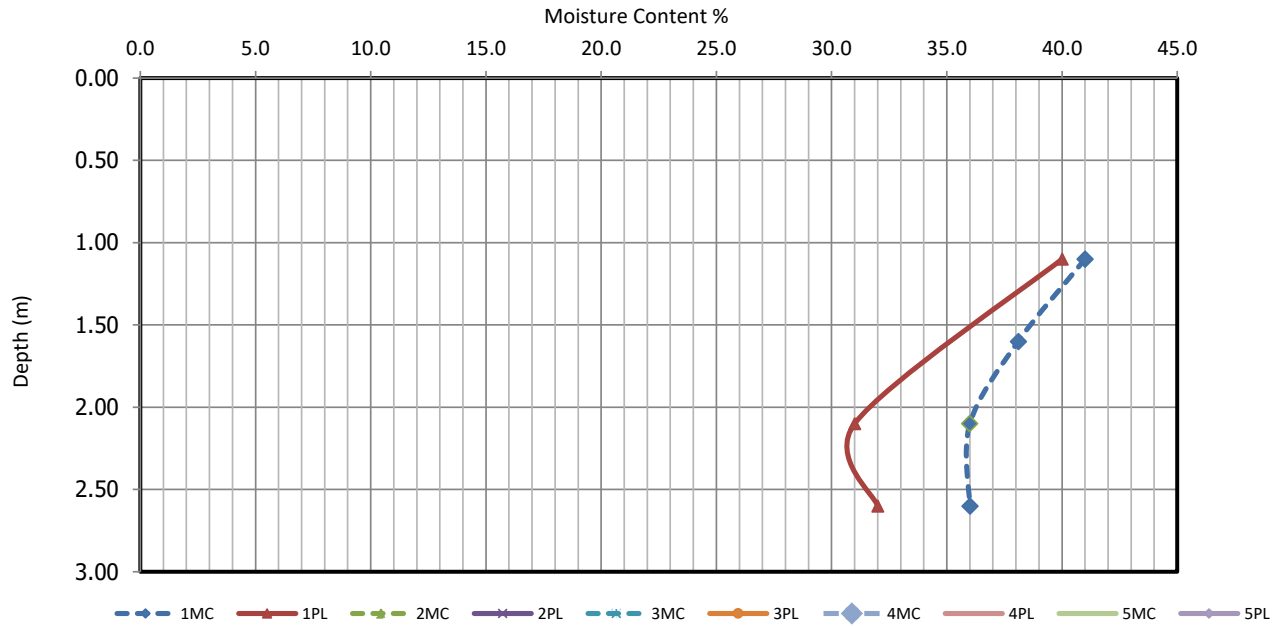
20/03/2023

Wayne Honey

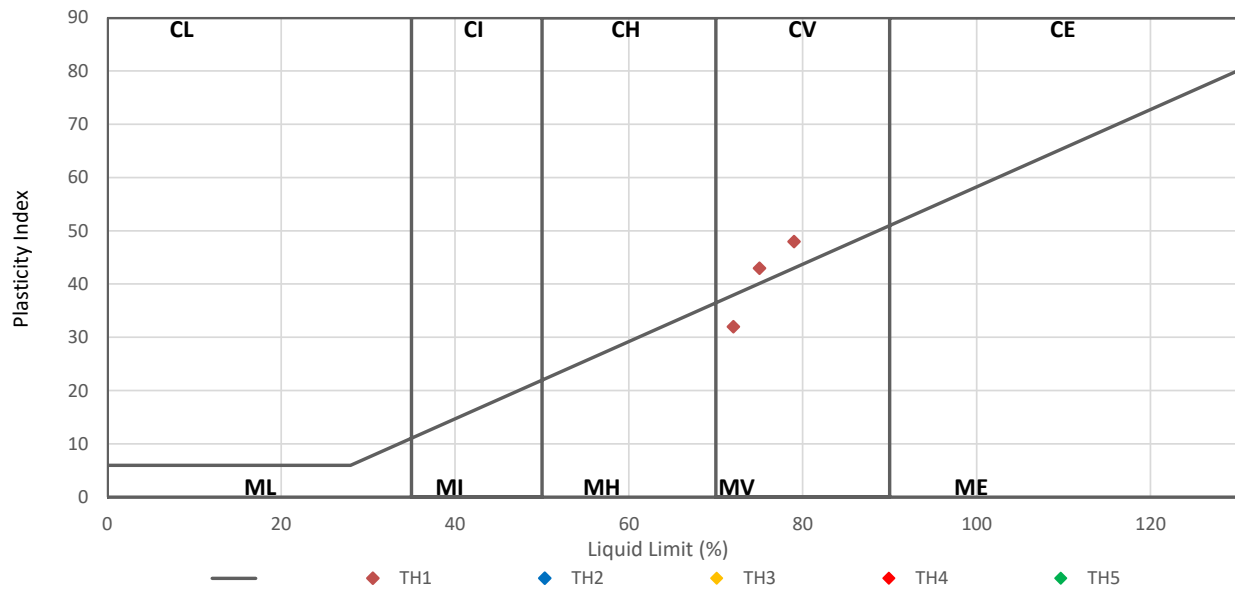




Test Operator
Jason Smith



PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION
BS 5930:1999+A2:2010



Modified Plasticity Index (PI) <10 : Non Classified
 Modified PI = 10 to <20 : Low volume change potential (LOW VCP)
 Modified PI = 20 to <40 : Medium volume change potential (Med VCP)
 Modified PI = 40 or greater : High volume change potential (HIGH VCP)

The Atterberg Limits May also be used to classify the volume change potential of fine soils using the National House building system, as given in the NHBC's Standards Chapter 4.2 (2003) "Building Near Trees"

Test Operator

Jason Smith



Root identification
Vegetation surveys
Tree/Building investigations
Plant taxonomy

Richardson's Botanical Identifications

Auger Solutions

Auger House

Cross Lane

WALLASEY

Wirral CH45 8RH

14/04/2023

Dr Ian B K Richardson
BSc, MSc, PhD, MRSB, FLS
James Richardson
BSc (Hons. Biology)

Enterprise House
49-51 Whiteknights Road
Reading
RG6 7BB

Tel: (0118) 986 9552 (*Direct line*)

E-mail: richardsons@botanical.net

Web: www.botanical.net

Your ref: 145660-1-1

Our ref: 86/1908

Dear Sirs

Root ID

The samples you sent in relation to the above on 06/03/2023 have been examined. Their structures were referable as follows:

TH1, 1.1m		
3 no.	Examined root: ACER (Maples, Sycamores).	Alive, recently* .
2 no.	Both samples revealed too few cells for microscopic identification.	

Click here for more information: [ACER](#)

I trust this is of help. Please call us if you have any queries; our Invoice is enclosed.

Yours faithfully

Dr Ian B K Richardson

* Based mainly on the Iodine test for starch. Starch is present in some cells of a living woody root, but is more or less rapidly broken down by soil micro-organisms on death of the root, sometimes before decay is evident. This result need not reflect the state of the parent tree.

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